MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4

MAINE-ENDWELL SENIOR HIGH SCHOOL
750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

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BUILDING LEGEND

A = MAINE-MEMORIAL MIDDLE SCHOOL
B = HOMER BRINK ELEMENTARY SCHOOL
C = MAINE-ENDWELL MIDDLE SCHOOL
D = SENIOR HIGH SCHOOL
E = BUS GARAGE



LOCATION MAP

TRUE NORTH PROJECT NORTH

▪ ENVIRONMENTAL
Delta Engineers, Architects & Surveyors
860 Hooper Road
Endwell, New York 13760
P | (607) 231-6674
www.delta-eas.com

▪ SITE
Appel Osborne
102 West Division Street, Suite 100
Syracuse, New York 13204
P | (315) 476-1022
F | (315) 479-7573
www.appelosborne.com

▪ STRUCTURAL
St. Germain & Aupperle, PLLC
5711 West Genessee Street
Camillus, New York 13031
P | (315) 488-3550
www.sa-engineers.com

▪ M/E/P
IBC Engineering, P.C.
3445 Winton Place, Suite 219
Rochester, New York 14623
P | (585) 292-1590
F | (585) 292-1592
www.ibceng.com

king+king ARCHITECTS
358 West Jefferson Street
Syracuse, NY 13202
p 315 | 671-2400
f 315 | 671-7891
www.kingarch.com
REGISTERED ARCHITECT JERRY B. TARDIO 037564 STATE OF NEW YORK
License Expiration Date: 5/31/2026

▪ **DISTRICT OFFICE**
750 Farm to Market Road
Endwell, New York 13760
P | (607) 748-8070
www.me.stier.org

ARCHITECT'S CERTIFICATION
THE UNDERSIGNED CERTIFIES THAT TO THE BEST OF THEIR KNOWLEDGE, INFORMATION, AND BELIEF, THE PLANS AND SPECIFICATIONS ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE NEW YORK STATE ENERGY CONSERVATION CONSTRUCTION CODE, AND THE CONSTRUCTION STANDARDS OF THE EDUCATION DEPARTMENT. ASBESTOS REMOVAL WILL BE PERFORMED IN ACCORDANCE WITH NYS DOL CODE RULE 56.

ISSUED FOR BID - 9/12/2025

100% CONSTRUCTION DOCUMENTS

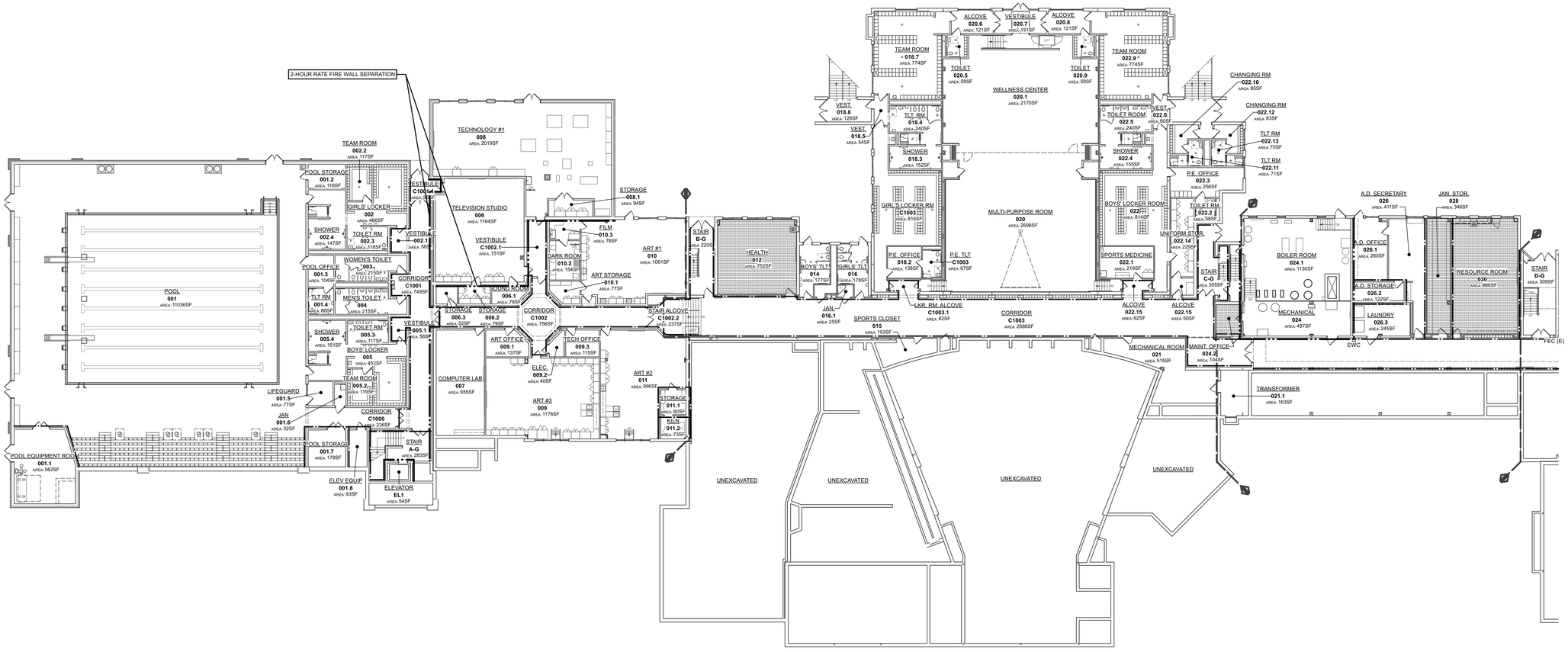
01/08/2025

KING+KING PROJECT NUMBER: 23-44-7954

SED PROJECT NUMBERS:
D: SENIOR HS: 03-11-01-06-0-010-030

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

king+king ARCHITECTS



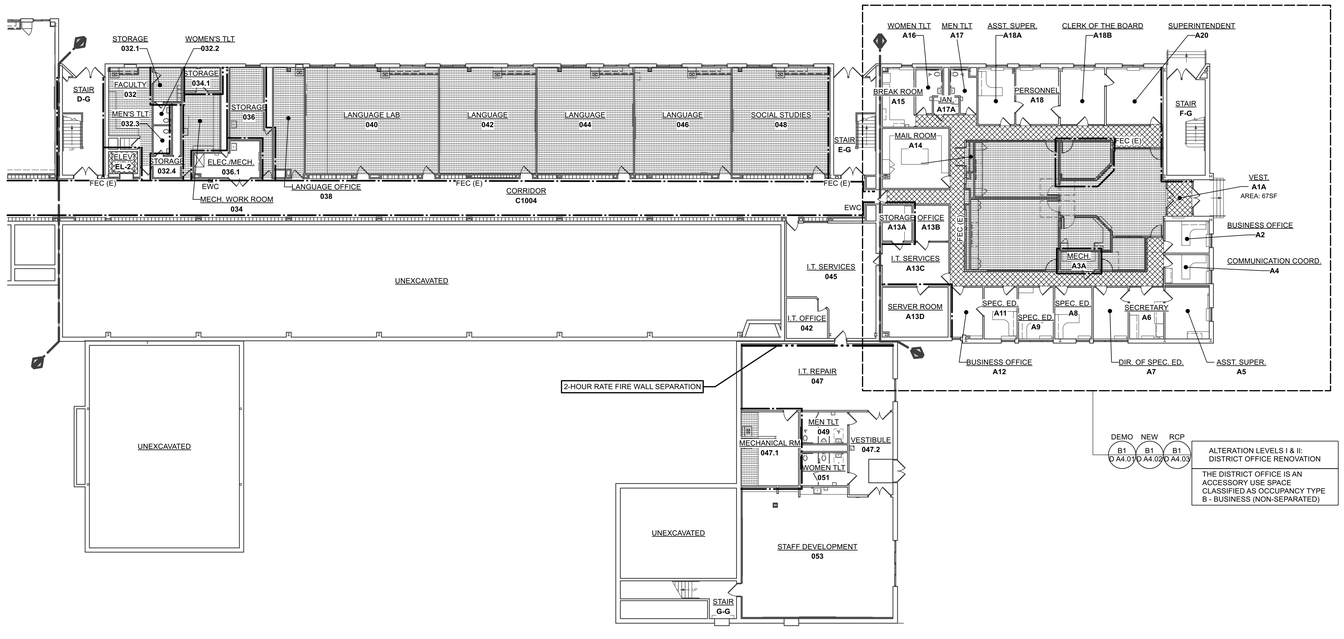
PROJECT NORTH

C1 / D G0.01

PARTIAL CODE COMPLIANCE PLAN - GROUND FLOOR

Scale: 1/16" = 1'-0"

NOTE: ALL EXISTING PARTITION RATINGS ARE BASED ON REVIEW OF EXISTING ASBUILT DRAWINGS. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF PARTITIONS IN CONCEALED SPACES DO NOT MATCH RATINGS AS ASSUMED ON THIS PLAN.



PROJECT NORTH

A1 / D G0.01

PARTIAL CODE COMPLIANCE PLAN - GROUND FLOOR

Scale: 1/16" = 1'-0"

NOTE: ALL EXISTING PARTITION RATINGS ARE BASED ON REVIEW OF EXISTING ASBUILT DRAWINGS. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF PARTITIONS IN CONCEALED SPACES DO NOT MATCH RATINGS AS ASSUMED ON THIS PLAN.

GENERAL NOTES

GENERAL NOTES - ALL TRADES

G-1 ALL PASSAGES OF EXISTING AND NEW PIPIES, CONDUITS, CABLES, WIRES, AIR DUCTS, AND SIMILAR BUILDING SERVICE EQUIPMENT THROUGH EXISTING OR NEW FIRE OR SMOKE BARRIERS (WALLS, FLOORS, AND ROOF) WHETHER EXPOSED OR CONCEALED SHALL BE PROTECTED AS DESCRIBED IN DIVISIONS 21, 22, 23, 26, 27 AND 28, AND AS FOLLOWS:

a. THE SPACE BETWEEN THE PENETRATING ITEM AND THE FIRE/SMOKE BARRIER SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

b. WHERE THE PENETRATING ITEM USES A SLEEVE TO PENETRATE THE FIRE/SMOKE BARRIER, THE SLEEVE SHALL BE SOLIDLY SET IN THE FIRE/SMOKE BARRIER AND THE SPACE BETWEEN THE ITEM AND THE SLEEVE SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

G-2 ALL OTHER AREAS OF THE BUILDING WHERE ANY WORK IS TO BE DONE SHALL REMAIN IN USE DURING CONSTRUCTION, THEREFORE, SPECIAL CARE SHALL BE TAKEN TO CLEAN UP AFTER ALL OPERATIONS IN ORDER TO KEEP THE AREA AND SITE AS CLEAN AS POSSIBLE AND TO THE OWNER'S SATISFACTION.

G-3 AT ALL TIMES THAT WORK IS GOING ON, DUST TIGHT PARTITIONS SHALL BE INSTALLED AROUND THE LOCATION OF WORK TAKING PLACE. THE EXTENT AND LOCATION OF THESE PARTITIONS SHALL BE COORDINATED WITH THE OWNER.

G-4 ALL EXISTING FINISHES, WORK, EQUIPMENT, AND STRUCTURE TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. ALL EXISTING SURFACES, WORK, EQUIPMENT, AND STRUCTURE WHICH ARE DAMAGED OR REMOVED DUE TO DEMOLITION, OR NEW WORK SHALL BE REPAIRED AND PATCHED WITH MATCHING CONSTRUCTION AND FINISHES.

G-5 NOTED EXISTING AND NEW SURFACES ARE TO BE PREPARED TO RECEIVE NEW FINISHES, INCLUDING FINISH PATCHING OF NEW AND EXISTING HOLES, VOIDS, CRACKS, CLEANING OF SURFACES AS PER MANUFACTURER'S INSTRUCTIONS, ETC.

G-6 CONTRACTOR IS TO COORDINATE WITH ARCHITECT AND OWNER THE EXACT LOCATION OF NEW OR RELOCATED ITEMS.

G-7 CONTRACTOR TO PATCH AND REPAIR TO MATCH EXISTING AREAS OF CEILINGS, WALLS, AND FLOORS DISTURBED FOR THE INSTALLATION OF MECHANICAL AND ELECTRICAL ITEMS.

G-8 WHERE EQUIPMENT, ETC. HAS BEEN REMOVED BY OWNER, CONTRACTOR TO PATCH SURFACES TO MATCH EXISTING AND PREPARE SURFACES FOR NEW FINISH.

G-9 WORK SHALL NOT INTERFERE WITH LEGAL FIRE EXITS. ALL CORRIDORS AND EXIT STAIRS SHALL BE MAINTAINED AT ALL TIMES.

G-10 PATCH ALL OPENINGS (NEW AND EXISTING) WHETHER EXPOSED OR CONCEALED IN EXISTING FLOORS AND WALLS WITH CONSTRUCTION AND FINISH TO MATCH EXISTING. ALL OPENINGS SHALL BE SEALED AIR TIGHT, AND WHERE APPLICABLE, FIRE RATINGS MAINTAINED OR RESTORED.

G-11 ALL PENETRATIONS INTO RENOVATED ROOMS SHALL BE SEALED AND ALL SURFACES, JOINTS, ETC. SHALL BE EASILY CLEANABLE.

G-12 CONTRACTOR SHALL VERIFY ALL MASONRY OPENING DIMENSIONS, INCLUDING THOSE TO BE PROVIDED FOR DUCTWORK AND OTHER MECHANICAL PENETRATIONS, SO THAT CORRECT HEIGHT AND LENGTH OF LINTELS WILL BE OBTAINED COMMENSURATE WITH ARCHITECTURAL PLANS AND DETAILS AND WITH END BEARING REQUIREMENTS. COORDINATE WITH DIVISION 23.

G-13 EXCEPT WHERE OTHERWISE SCHEDULED OR INDICATED, PROVIDE LOOSE STEEL LINTELS OVER ALL OPENINGS THROUGH MASONRY WALLS AND PARTITIONS.

GENERAL STRUCTURAL NOTES - ALL TRADES

1. DO NOT DRILL, CORE, OR CUT ANY PORTION OF EXISTING CONCRETE COLUMNS, BEAMS, JOISTS, OR BRIDGING RIBS WITHOUT THE ARCHITECT'S APPROVAL.

2. DO NOT CUT OPENINGS THROUGH EXISTING CONCRETE WHICH ARE NOT SHOWN ON DRAWINGS WITHOUT THE ARCHITECT'S APPROVAL.

3. CORE-DRILL NEW OPENING WHEREVER POSSIBLE.

4. WHERE CORE-DRILLING IS NOT PRACTICAL, CUT OPENINGS THROUGH EXISTING CONCRETE AS FOLLOWS:
a. PRIOR TO CUTTING, DETERMINE THE LOCATION OF PROPOSED OPENINGS SUCH THAT NO PORTION OF EXISTING BEAMS OR JOISTS WILL BE ALTERED IN ANY WAY.
b. CORE-DRILL ROUND HOLES THROUGH EXISTING SUPPORTING STRUCTURAL SLABS AT THE FOUR CORNERS OF NEW OPENING.
c. SAW-CUT STRUCTURAL SLAB TO MINIMUM DEPTH OF 2" BETWEEN HOLES AND REMOVE CONCRETE.

BUILDING INFORMATION:

OCCUPANCY CLASSIFICATION:	Group E - Educational (Section 306)
Accessory Use	Group B - Business (non-separated) (Section 304 & 508)
CONSTRUCTION CLASSIFICATION: EXISTING:	IIB
SITE ACCESSIBLE:	4 Sides
ACTUAL BLDG. GROSS AREA:	188,825 SF
NYSED-S-102:	Class A
ACTUAL HEIGHT IN STORIES: (Reference: Table 503 NYSBC)	3 Stories (Partial, Existing)
ROOM SQUARE FOOTAGES:	Shown on this sheet

BUILDING RENOVATION AREAS

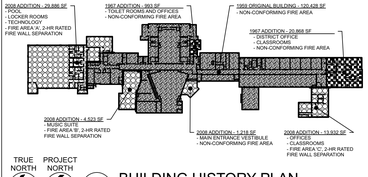
FLOOR	TOTAL NET SF	ALTERATION LEVEL I	ALTERATION LEVEL II
GROUND FLOOR	62,988 SF	8,908 SF	1,884 SF
FIRST FLOOR	73,341 SF	28,918 SF	0 SF
SECOND FLOOR	25,537 SF	21,016 SF	0 SF
TOTAL	*161,866 SF*	*58,839 SF*	*1,884SF*

RATED PARTITION LEGEND:

- SMOKE PARTITION
- 1 HR. FIRE RATED PARTITION
- 2 HR. FIRE BARRIER

CONSTRUCTION TYPE DESIGNATIONS:

- ALTERATION L1
- ALTERATION L2
- MINIMAL / NO WORK



TRUE NORTH / PROJECT NORTH

A6 / D G0.01

BUILDING HISTORY PLAN

Scale: 1:1800

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

KERRY B. TROST — LICENSED ARCHITECT — No. 037554 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

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MARK	DATE	DESCRIPTION
	09/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

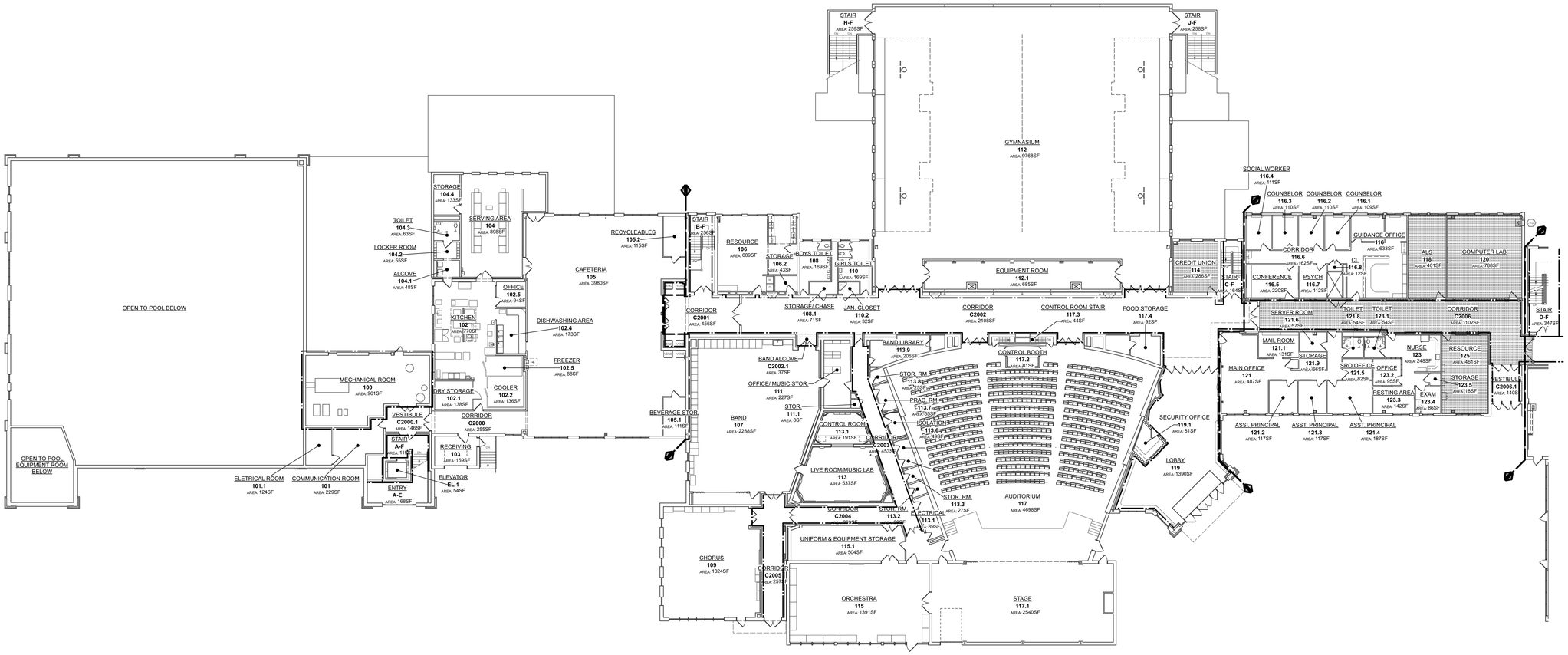
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

CODE COMPLIANCE PLAN - GROUND FLOOR

D G0.01



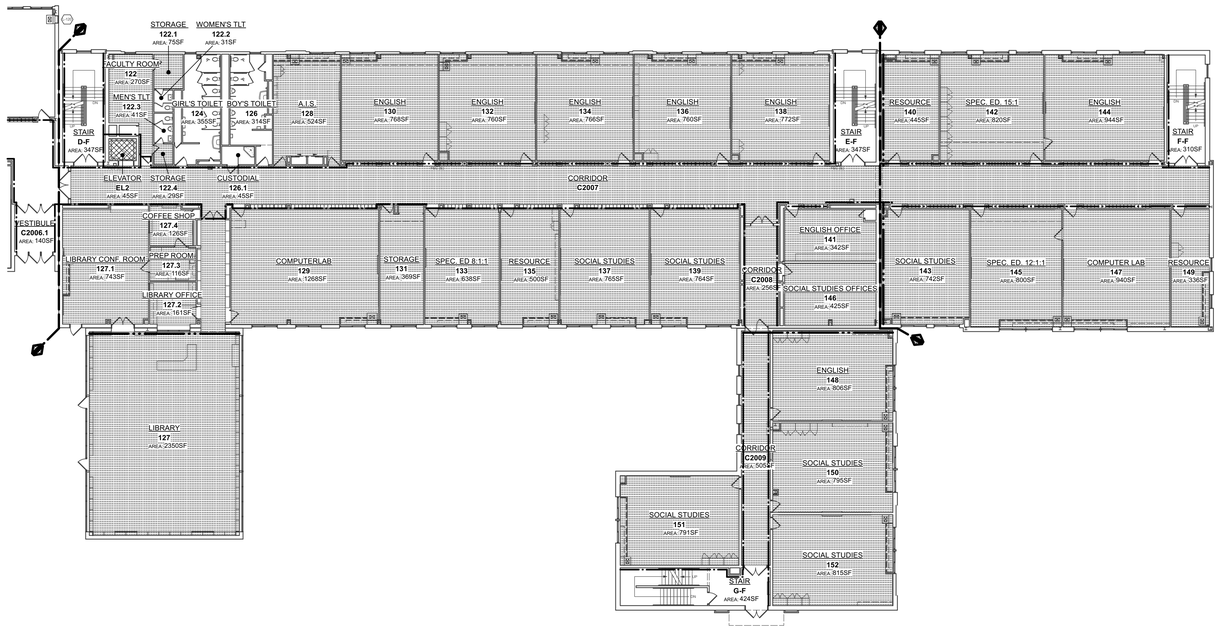
PROJECT NORTH

C1 / D G0.02

PARTIAL CODE COMPLIANCE PLAN - FIRST FLOOR

Scale: 1/16" = 1'-0"

NOTE: ALL EXISTING PARTITION RATINGS ARE BASED ON REVIEW OF EXISTING ASBUILT DRAWINGS. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF PARTITIONS IN CONCEALED SPACES DO NOT MATCH RATINGS AS ASSUMED ON THIS PLAN.



PROJECT NORTH

A1 / D G0.02

PARTIAL CODE COMPLIANCE PLAN - FIRST FLOOR

Scale: 1/16" = 1'-0"

NOTE: ALL EXISTING PARTITION RATINGS ARE BASED ON REVIEW OF EXISTING ASBUILT DRAWINGS. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF PARTITIONS IN CONCEALED SPACES DO NOT MATCH RATINGS AS ASSUMED ON THIS PLAN.

GENERAL NOTES

GENERAL NOTES - ALL TRADES

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a. THE SPACE BETWEEN THE PENETRATING ITEM AND THE FIRE/SMOKE BARRIER SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

b. WHERE THE PENETRATING ITEM USES A SLEEVE TO PENETRATE THE FIRE/SMOKE BARRIER, THE SLEEVE SHALL BE SOLIDLY SET IN THE FIRE/SMOKE BARRIER AND THE SPACE BETWEEN THE ITEM AND THE SLEEVE SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

G-2 ALL OTHER AREAS OF THE BUILDING WHERE ANY WORK IS TO BE DONE SHALL REMAIN IN USE DURING CONSTRUCTION, THEREFORE, SPECIAL CARE SHALL BE TAKEN TO CLEAN UP AFTER ALL OPERATIONS IN ORDER TO KEEP THE AREA AND SITE AS CLEAN AS POSSIBLE AND TO THE OWNER'S SATISFACTION.

G-3 AT ALL TIMES THAT WORK IS GOING ON, DUST TIGHT PARTITIONS SHALL BE INSTALLED AROUND THE LOCATION OF WORK TAKING PLACE. THE EXTENT AND LOCATION OF THESE PARTITIONS SHALL BE COORDINATED WITH THE OWNER.

G-4 ALL EXISTING FINISHES, WORK, EQUIPMENT, AND STRUCTURE TO REMAIN ARE TO BE PROTECTED FROM DAMAGE. ALL EXISTING SURFACES, WORK, EQUIPMENT, AND STRUCTURE WHICH ARE DAMAGED OR REMOVED DUE TO DEMOLITION, OR NEW WORK SHALL BE REPAIRED AND PATCHED WITH MATCHING CONSTRUCTION AND FINISHES.

G-5 NOTED EXISTING AND NEW SURFACES ARE TO BE PREPARED TO RECEIVE NEW FINISHES, INCLUDING FINISH PATCHING OF NEW AND EXISTING HOLES, VOIDS, CRACKS, CLEANING OF SURFACES AS PER MANUFACTURER'S INSTRUCTIONS, ETC.

G-6 CONTRACTOR IS TO COORDINATE WITH ARCHITECT AND OWNER THE EXACT LOCATION OF NEW OR RELOCATED ITEMS.

G-7 CONTRACTOR TO PATCH AND REPAIR TO MATCH EXISTING AREAS OF CEILINGS, WALLS, AND FLOORS DISTURBED FOR THE INSTALLATION OF MECHANICAL AND ELECTRICAL ITEMS.

G-8 WHERE EQUIPMENT, ETC. HAS BEEN REMOVED BY OWNER, CONTRACTOR TO PATCH SURFACES TO MATCH EXISTING AND PREPARE SURFACES FOR NEW FINISH.

G-9 WORK SHALL NOT INTERFERE WITH LEGAL FIRE EXITS. ALL CORRIDORS AND EXIT STAIRS SHALL BE MAINTAINED AT ALL TIMES.

G-10 PATCH ALL OPENINGS (NEW AND EXISTING) WHETHER EXPOSED OR CONCEALED IN EXISTING FLOORS AND WALLS WITH CONSTRUCTION AND FINISH TO MATCH EXISTING. ALL OPENINGS SHALL BE SEALED AIR TIGHT, AND WHERE APPLICABLE, FIRE RATINGS MAINTAINED OR RESTORED.

G-11 ALL PENETRATIONS INTO RENOVATED ROOMS SHALL BE SEALED AND ALL SURFACES, JOINTS, ETC. SHALL BE EASILY CLEANABLE.

G-12 CONTRACTOR SHALL VERIFY ALL MASONRY OPENING DIMENSIONS, INCLUDING THOSE TO BE PROVIDED FOR DUCTWORK AND OTHER MECHANICAL PENETRATIONS, SO THAT CORRECT HEIGHT AND LENGTH OF LINTELS WILL BE OBTAINED COMMENSURATE WITH ARCHITECTURAL PLANS AND DETAILS AND WITH END BEARING REQUIREMENTS. COORDINATE WITH DIVISION 23.

G-13 EXCEPT WHERE OTHERWISE SCHEDULED OR INDICATED, PROVIDE LOOSE STEEL LINTELS OVER ALL OPENINGS THROUGH MASONRY WALLS AND PARTITIONS.

GENERAL STRUCTURAL NOTES - ALL TRADES

1. DO NOT DRILL, CORE, OR CUT ANY PORTION OF EXISTING CONCRETE COLUMNS, BEAMS, JOISTS, OR BRIDGING RIBS WITHOUT THE ARCHITECT'S APPROVAL.

2. DO NOT CUT OPENINGS THROUGH EXISTING CONCRETE WHICH ARE NOT SHOWN ON DRAWINGS WITHOUT THE ARCHITECTS APPROVAL.

3. CORE-DRILL NEW OPENING WHEREVER POSSIBLE.

4. WHERE CORE-DRILLING IS NOT PRACTICAL, CUT OPENINGS THROUGH EXISTING CONCRETE AS FOLLOWS:
a. PRIOR TO CUTTING, DETERMINE THE LOCATION OF PROPOSED OPENINGS SUCH THAT NO PORTION OF EXISTING BEAMS OR JOISTS WILL BE ALTERED IN ANY WAY.
b. CORE-DRILL ROUND HOLES THROUGH EXISTING SUPPORTING STRUCTURAL SLABS AT THE FOUR CORNERS OF NEW OPENING.
c. SAW-CUT STRUCTURAL SLAB TO MINIMUM DEPTH OF 2" BETWEEN HOLES AND REMOVE CONCRETE.

BUILDING INFORMATION:

OCCUPANCY CLASSIFICATION:	Group E - Educational (Section 306)
Accessory Use	Group B - Business (non-separated) (Section 304 & 508)
CONSTRUCTION CLASSIFICATION: EXISTING:	IIB
SITE ACCESSIBLE:	4 Sides
ACTUAL BLDG. GROSS AREA:	188,825 SF
NYSED-S-102:	Class A
ACTUAL HEIGHT IN STORIES: (Reference: Table 503 NYSBC)	3 Stories (Partial, Existing)
ROOM SQUARE FOOTAGES:	Shown on this sheet

BUILDING RENOVATION AREAS

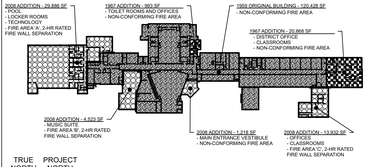
FLOOR	TOTAL NET SF	ALTERATION LEVEL I	ALTERATION LEVEL II
GROUND FLOOR	62,988 SF	8,908 SF	1,884 SF
FIRST FLOOR	73,341 SF	28,918 SF	0 SF
SECOND FLOOR	25,537 SF	21,016 SF	0 SF
TOTAL	*161,866 SF*	*58,839 SF*	*1,884SF*

RATED PARTITION LEGEND:

- SMOKE PARTITION
- 1 HR. FIRE RATED PARTITION
- 2 HR. FIRE BARRIER

CONSTRUCTION TYPE DESIGNATIONS:

- ALTERATION L1
- ALTERATION L2
- MINIMAL / NO WORK



TRUE NORTH / PROJECT NORTH

A6 / D G0.02

BUILDING HISTORY PLAN

Scale: 1:1800

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY B. TROUT No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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	09/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

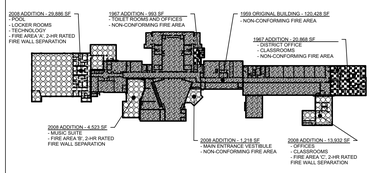
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

CODE COMPLIANCE PLAN - FIRST FLOOR

D G0.02



TRUE NORTH / PROJECT NORTH — A6 / D G0.03

BUILDING HISTORY PLAN

Scale: 1:1800



TRUE NORTH / PROJECT NORTH

SITE ACCESSIBLE - AERIAL IMAGE

GENERAL NOTES

GENERAL NOTES - ALL TRADES

G-1 ALL PASSAGES OF EXISTING AND NEW PIPIES, CONDUITS, CABLES, WIRES, AIR DUCTS, AND SIMILAR BUILDING SERVICE EQUIPMENT THROUGH EXISTING OR NEW FIRE OR SMOKE BARRIERS (WALLS, FLOORS, AND ROOF) WHETHER EXPOSED OR CONCEALED SHALL BE PROTECTED AS DESCRIBED IN DIVISIONS 21, 22, 23, 26, 27 AND 28, AND AS FOLLOWS:

a. THE SPACE BETWEEN THE PENETRATING ITEM AND THE FIRE/SMOKE BARRIER SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

b. WHERE THE PENETRATING ITEM USES A SLEEVE TO PENETRATE THE FIRE/SMOKE BARRIER, THE SLEEVE SHALL BE SOLIDLY SET IN THE FIRE/SMOKE BARRIER AND THE SPACE BETWEEN THE ITEM AND THE SLEEVE SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE/SMOKE RESISTANCE OF THE FIRE/SMOKE BARRIER, DESIGNED FOR THE SPECIFIC PURPOSE, AND CAPABLE OF MAINTAINING AN AIR TIGHT CONDITION.

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G-3 AT ALL TIMES THAT WORK IS GOING ON, DUST TIGHT PARTITIONS SHALL BE INSTALLED AROUND THE LOCATION OF WORK TAKING PLACE. THE EXTENT AND LOCATION OF THESE PARTITIONS SHALL BE COORDINATED WITH THE OWNER.

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BUILDING INFORMATION:

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CONSTRUCTION CLASSIFICATION: EXISTING:	IIB
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BUILDING RENOVATION AREAS

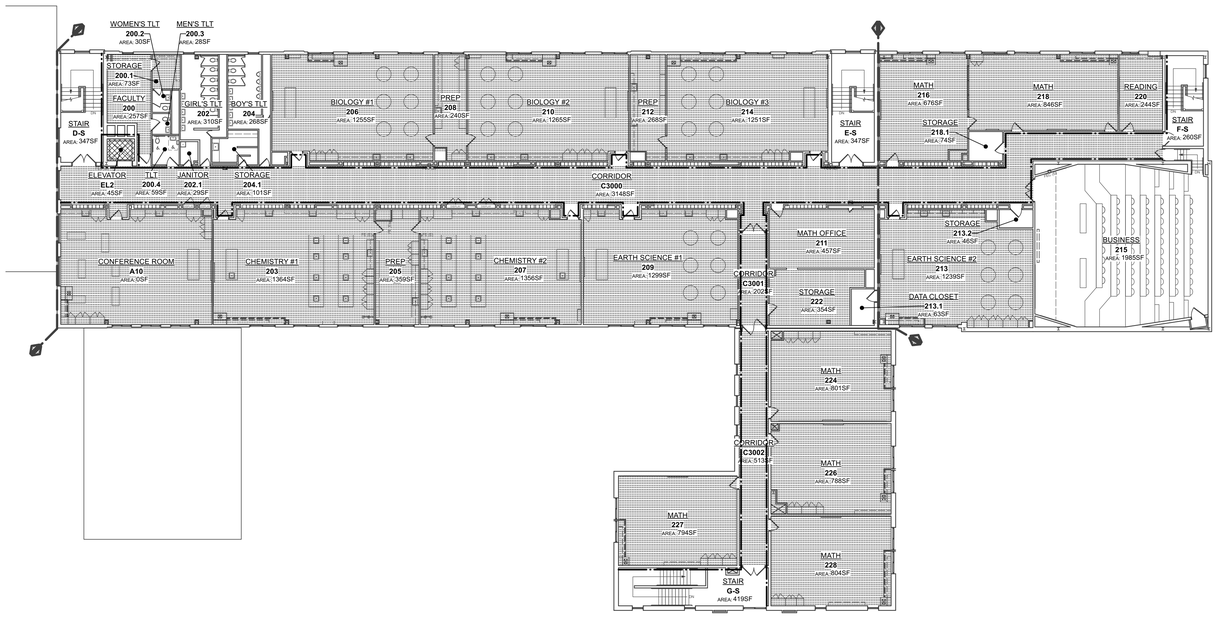
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TOTAL	*161,866 SF*	*58,839 SF*	*1,884SF*

RATED PARTITION LEGEND:

- SMOKE PARTITION
- 1 HR. FIRE RATED PARTITION
- 2 HR. FIRE BARRIER

CONSTRUCTION TYPE DESIGNATIONS:

- ALTERATION L1
- ALTERATION L2
- MINIMAL / NO WORK



PROJECT NORTH — A3 / D G0.03

PARTIAL CODE COMPLIANCE PLAN - SECOND FLOOR

Scale: 1/16" = 1'-0"

NOTE: ALL EXISTING PARTITION RATINGS ARE BASED ON REVIEW OF EXISTING ASBUILT DRAWINGS. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF PARTITIONS IN CONCEALED SPACES DO NOT MATCH RATINGS AS ASSUMED ON THIS PLAN.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT — KENNY E. TARBELL — No. 037584 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

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MARK	DATE	DESCRIPTION
	09/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

CODE COMPLIANCE PLAN - SECOND FLOOR

D G0.03

ASBESTOS ABATEMENT NOTES:

1. THIS ASBESTOS ABATEMENT WORK WILL CONSIST OF THE REMOVAL AND DISPOSAL OF NON-ASBESTOS MATERIALS, ASBESTOS CONTAINING MATERIALS, AND ASBESTOS CONTAMINATED MATERIALS AT THE MAINE-ENDWELL CENTRAL SCHOOL DISTRICT SENIOR HIGH SCHOOL LOCATED AT 750 FARM TO MARKET ROAD IN ENDWELL, NEW YORK AS A PART OF THE MAINE-ENDWELL CSD 2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4.

2. THE NOTES AND INFORMATION PRESENTED HERE AND INCLUDED IN SPECIFICATION SECTION 028213 ARE APPLICABLE TO DRAWINGS D X0.01, ADX0.02, D X0.03, D X0.04 AND D 0X0.05. ASBESTOS ABATEMENT OPERATIONS SHALL INCLUDE THE REMOVAL, PACKAGING AND DISPOSAL OF ASBESTOS CONTAINING AND ASBESTOS CONTAMINATED MATERIALS AS INDICATED ON THE DRAWINGS, AS DESCRIBED IN THE SPECIFICATION SECTIONS, AND IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS.

3. THE CONTRACTOR SHALL PERFORM ALL CONTRACT WORK IN ACCORDANCE WITH THE CONTRACT DOCUMENTS. ASBESTOS ABATEMENT OPERATIONS SHALL BE PERFORMED AS PER THE PROVISIONS AND CONDITIONS LISTED IN THE NEW YORK STATE DEPARTMENT OF LABOR (NYS DOL) INDUSTRIAL CODE RULE NO. 56 (CITED AS 12 NYCRR PART 56), EPA AHERA REGULATIONS, 40 CFR PART 763 SUBPART E, AND OTHER ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES.

4. ANY SITE SPECIFIC VARIANCE (SSV) NECESSARY TO ACCOMPLISH THE REMOVAL OF THE REFERENCED ASBESTOS CONTAINING MATERIALS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE SUBMITTED TO THE OWNERS REPRESENTATIVE FOR APPROVAL PRIOR TO SUBMISSION TO THE NYS DOL. THE COST ASSOCIATED WITH THE PREPARATION AND SUBMISSION OF ANY VARIANCE PETITION SHALL BE INCLUDED IN THE BASE BID.

5. ASBESTOS CONTAINING MATERIALS (ACM'S) / ASBESTOS CONTAMINATED MATERIALS TO BE REMOVED INCLUDE THE FOLLOWING:

   A. ASBESTOS CONTAINING FLOOR TILE AND ASSOCIATED ASBESTOS CONTAINING MASTIC: ASBESTOS CONTAINING FLOOR TILE (VAT) AND ASSOCIATED ASBESTOS CONTAINING MASTIC TO BE REMOVED IS PRESENT IN THE GROUND FLOOR AREA E DISTRICT OFFICE AT THE LOCATIONS SHOWN ON DRAWING D X0.02. THE TOTAL QUANTITY OF VAT / MASTIC TO BE REMOVED IS APPROXIMATELY 2,300 SQUARE FEET. ALL NON-ASBESTOS COVE BASE AND ITS ASSOCIATED NON-ASBESTOS MASTIC SHALL ALSO BE REMOVED AS A PART OF ABATEMENT OPERATIONS. VAT / MASTIC SHALL BE REMOVED UP TO / FLUSH WITH ANY WALLS, EQUIPMENT, AND CASEWORK THAT IS SCHEDULED TO REMAIN. FOR WALLS SCHEDULED TO BE REMOVED, THE WALL BASE PLATE AND UNDERLYING VAT / MASTIC SHALL BE REMOVED AS A PART OF ABATEMENT OPERATIONS. VAT / MASTIC ABATEMENT OPERATIONS SHALL BE PERFORMED IN A LARGE-PROJECT NEGATIVE PRESSURE ENCLOSURE HAVING ATTACHED AIRLOCK SYSTEMS AND UTILIZING A REMOTE DECONTAMINATION ENCLOSURE SYSTEM AS PER THE REQUIREMENTS OF 12 NYCRR PART 56 SUBPART 56-11.7 FOR NON-FRIABLE FLOORING AND/OR MASTIC REMOVAL AND APPLICABLE VARIANCE A-3 (AV-A-3) IF CHEMICAL AND LOW-SPEED BUFFERS ARE USED FOR MASTIC REMOVAL. UPON COMPLETION OF FLOORING ABATEMENT, WASH ALL FLOOR SURFACES WHERE CHEMICAL WAS UTILIZED FOR MASTIC REMOVAL WITH A NEUTRALIZER APPROVED BY ARCHITECT AND NEW FLOOR MANUFACTURER.

   B. ASBESTOS CONTAINING HARD-PACKED PIPE FITTING INSULATION AND ASBESTOS CONTAINING IN-LINE PIPE INSULATION: THE ASBESTOS CONTAINING IN-LINE PIPE INSULATION AND PIPE FITTING INSULATION (ACM TSI) TO BE REMOVED IS PRESENT ON HOT WATER HEATING SYSTEM LINES LOCATED IN NON-ASBESTOS HARD CEILING PLENUM SPACES (1' X 1' SPLINED & ADHERED TILE CEILINGS, SHEETROCK / JOINT COMPOUND CEILINGS AND PLASTER CEILINGS), NON-ASBESTOS SUSPENDED CEILING TILE PLENUM SPACES, AND INTERSTITIAL WALL SPACES / WALL CHASES (NON-ASBESTOS SHEETROCK, PLASTER & CMU WALLS / CHASES) IN THE ROOMS AS SHOWN ON DRAWINGS D X0.01, D X0.02, D X0.03, D X0.04 AND D X0.05. IT SHOULD BE NOTED THAT THE PRESENCE OF ACM TSI ABOVE EXISTING HARD CEILING SYSTEMS IS ASSUMED BASED ON THE FACT THAT THE CEILING PLENUM SPACES ABOVE THE HARD CEILINGS ARE INACCESSIBLE. THE ASSOCIATED HW HEATING LINE ACM TSI QUANTITIES LISTED FOR THESE AREAS ARE BASED ON EXISTING BUILDING MECHANICAL DRAWINGS. ACM TSI REMOVAL IN THE INCLUDED ROOMS / SPACES RANGES FROM 2 LINEAR FOOT TO 72 LINEAR FEET FOR A GIVEN ROOM, WITH A TOTAL / OVERALL REMOVAL QUANTITY OF APPROXIMATELY 326 LINEAR FEET TO BE REMOVED. REMOVAL SHALL BE PERFORMED VIA GLOVEBAG OPERATIONS WITHIN MULTIPLE MINOR-PROJECT AND SMALL-PROJECT NEGATIVE PRESSURE TENT ENCLOSURES HAVING ATTACHED AIRLOCK SYSTEMS FOR ACCESS / EGRESS AND UTILIZING A REMOTE DECONTAMINATION UNIT. THE VARIOUS NON-ASBESTOS SUSPENDED CEILING TILE SYSTEMS, 1' X 1' ADHERED / SPLINED CEILING TILE SYSTEMS, SHEETROCK / JOINT COMPOUND CEILING SYSTEMS AND PLASTER CEILING SYSTEMS ARE SCHEDULED TO BE REMOVED BY OTHER TRADES. THE ASBESTOS CONTRACTOR SHALL BE RESPONSIBLE FOR CREATING ALL WALL / CHASE OPENINGS AS NECESSARY TO ACCESS / REMOVE THE ACM TSI WITHIN INTERSTITIAL WALL SPACE / CHASES. COORDINATE WITH ALL OTHER TRADES REGARDING THE SPECIFIC LOCATIONS / LIMITS OF WALL & CHASE OPENINGS. REFERENCE THE ARCHITECTURAL DRAWING SERIES FOR THE NON-ASBESTOS WALL / CHASE TYPES AND RESTORATION REQUIREMENTS AT EACH LOCATION. IF ACM TSI IN ADDITION TO THAT SHOWN ON THE ABATEMENT DRAWINGS AND REFERENCED IN THE TABLES ABOVE IS ENCOUNTERED DURING CONSTRUCTION, IT SHALL BE REMOVED UTILIZING ONE OF THE REQUESTED UNIT PRICING ITEMS.

   C. MEASUREMENTS AND QUANTITIES INCLUDED ABOVE ARE APPROXIMATE AND ARE PROVIDED FOR REFERENCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR FIELD VERIFYING QUANTITIES AND ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE OWNER AND OWNER REPRESENTATIVE UPON DISCOVERY.

6. WASTE DUMPSTER AND DECONTAMINATION ENCLOSURE SYSTEM LOCATIONS SHALL BE APPROVED BY THE OWNER / OWNER'S REPRESENTATIVE.

7. THE CONTRACTOR SHALL SUBMIT A WRITTEN WORK PLAN FOR ASBESTOS ABATEMENT OPERATIONS FOR REVIEW AND APPROVAL AS PER THE REQUIREMENTS OF SPECIFICATIONS SECTION 028213, 1.5.

5. THE CONTRACTOR SHALL COORDINATE THE SCHEDULED WORK WITH THE OWNER, OWNERS REPRESENTATIVE, AND ALL OTHER TRADES.

6. THE CONTRACTOR SHALL MAINTAIN SECURITY IN EACH WORK AREA AT ALL TIMES.

7. THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL TEMPORARY POWER (INCLUDING THE POWER REQUIRED BY THE OWNER'S REPRESENTATIVE FOR AIR SAMPLING EQUIPMENT). ALL OPERATIONS ASSOCIATED WITH ELECTRICAL SERVICE WORK (I.E. LOCKOUT, TEMPORARY POWER HOOK-UP, ETC.) SHALL BE PERFORMED BY A LICENSED ELECTRICIAN.

8. COORDINATE HOOK-UP OF WATER SOURCE/SERVICE FOR ABATEMENT WORK AND DECONTAMINATION PURPOSES WITH THE OWNER'S REPRESENTATIVE . PROVIDE AND UTILIZE AN ELECTRIC WATER HEATER FOR THE PROJECT. TEMPORARY WATER CONNECTIONS SHALL BE MADE BY THE CONTRACTOR AND MAINTAINED IN A LEAK FREE STATE AT ALL TIMES.

9. UNDER NO CIRCUMSTANCES SHALL CONTAMINATED LIQUIDS OR DEBRIS ENTER THE EXISTING SEWER SYSTEM. ALL WASTEWATER SHALL BE FILTERED THROUGH A SYSTEM WITH AT LEAST 5.0 MICRON PARTICLE SIZE COLLECTION CAPABILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY WASTEWATER PERMITS REQUIRED TO PERFORM HIS WORK UNDER THIS CONTRACT. ANY COST ASSOCIATED WITH THE ONONDAGA COUNTY WASTE WATER PERMIT SHALL BE INCLUDED IN HIS BID.

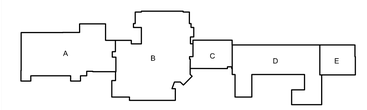
10. ALL AIR MONITORING REQUIRED TO SATISFY THE REQUIREMENTS OF 12 NYCRR PART 56 SHALL BE PERFORMED BY A THIRD PARTY INDEPENDENT ENVIRONMENTAL CONSULTANT HIRED DIRECTLY BY THE OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL COORDINATE WITH THE THIRD PARTY CONSULTING FIRMS ONSITE ASBESTOS PROJECT MONITOR. AIR MONITORING AND ANALYSIS TO SATISFY OSHA REQUIREMENTS SHALL BE THE CONTRACTORS RESPONSIBILITY.

11. COORDINATE ALL ASBESTOS ABATEMENT (INCLUDING BUT NOT LIMITED TO CONTAINMENT CONFIGURATIONS, DECONTAMINATION UNIT LOCATIONS AND SEQUENCE OF ABATEMENT) WITH THE OWNER'S REPRESENTATIVE.

12. REFERENCE ASBESTOS ABATEMENT SPECIFICATION SECTION 028213, 1.3, C. AND UNIT PRICES SPECIFICATION SECTION 012200 FOR ASBESTOS RELATED UNIT PRICING TO BE INCLUDED AS A PART OF THE BID.

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
	ASBESTOS CONTAINING FLOOR TILE AND ASSOCIATED ASBESTOS CONTAINING MASTIC TO BE REMOVED - APPROXIMATELY 2,290 SF TOTAL FOR DISTRICT OFFICE AREA.. TILE / MASTIC IS PRESENT BENEATH NON-SUSPECT VINYL PLANK FLOORING AND CARPET WITH NON-ASBESTOS MASTIC. WHERE TILE IS PRESENT BENEATH WALLS TO BE REMOVED, REMOVAL OF WALL BASE PLATE AND UNDERLYING FLOOR TILE / MASTIC SHALL BE PERFORMED AS A PART OF ABATEMENT OPERATIONS.
A XX LF	ROOM / LOCATION WITH ASBESTOS CONTAINING FRIABLE IN-LINE PIPE INSULATION AND/OR ASBESTOS CONTAINING FRIABLE PIPE FITTING INSULATION LOCATED WITHIN CEILING PLENUM SPACES, INTERSTITIAL WALL SPACES AND CHASES TO BE REMOVED.



TRUE NORTH PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
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Endwell, New York 13760
Tel: 607.231.6600
Fax: 607.231.6650
Email: mail@delta-eas.com
www.delta-eas.com
CERTIFICATE OF AUTHORIZATION #: 019598

STATE OF NEW YORK — ANTHONY ROCCO PANICCI — LICENSED PROFESSIONAL ENGINEER — 2025.02.20

REGISTRATION EXPIRATION 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2025

NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 24-6LBIA-SHAB

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MARK	DATE	DESCRIPTION
	09/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

DRAWN BY: **SMP**

SCALE: **N/A**

DRAWING TITLE:

ASBESTOS ABATEMENT NOTES

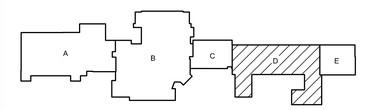
D X0.00



1 / A X0.01 ASBESTOS ABATEMENT PLAN - GROUND FLOOR AREA D
1/8" = 1'-0"

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
A XX LF	ROOM / LOCATION WITH ASBESTOS CONTAINING FRIABLE IN-LINE PIPE INSULATION AND/OR ASBESTOS CONTAINING FRIABLE PIPE FITTING INSULATION LOCATED WITHIN CEILING PLENUM SPACES, INTERSTITIAL WALL SPACES AND CHASES TO BE REMOVED.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
860 Hopper Road
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www.delta-eas.com
CERTIFICATE OF AUTHORIZATION #: 019598

STATE OF NEW YORK — ANTHONY ROCCO PANICI — 090425 — LICENSED PROFESSIONAL ENGINEER
2025.02.20
REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2025

NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 24-6LBIA-SHAB

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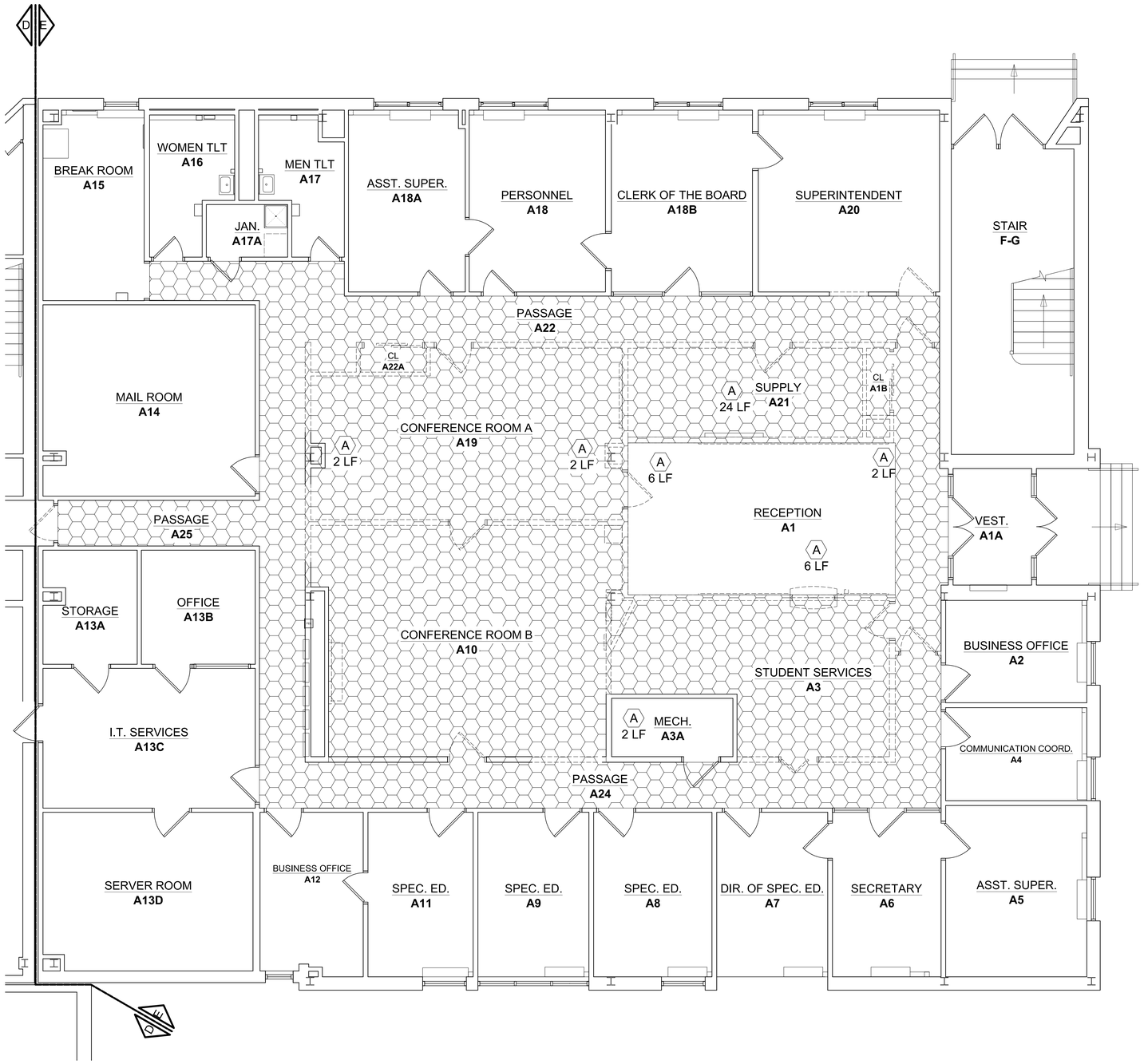
DRAWN BY: **SMP**

SCALE: **As Noted**

DRAWING TITLE:

ASBESTOS ABATEMENT PLAN - GROUND FLOOR AREA D

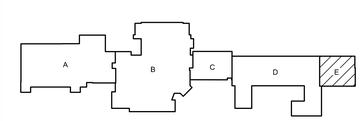
D X0.01



1 / D X0.02 ASBESTOS ABATEMENT PLAN - GROUND FLOOR AREA E DISTRICT OFFICE
1/4" = 1'-0"

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
	ASBESTOS CONTAINING FLOOR TILE AND ASSOCIATED ASBESTOS CONTAINING MASTIC TO BE REMOVED - APPROXIMATELY 2,290 SF TOTAL FOR DISTRICT OFFICE AREA.. TILE / MASTIC IS PRESENT BENEATH NON-SUSPECT VINYL PLANK FLOORING AND CARPET WITH NON-ASBESTOS MASTIC. WHERE TILE IS PRESENT BENEATH WALLS TO BE REMOVED, REMOVAL OF WALL BASE PLATE AND UNDERLYING FLOOR TILE / MASTIC SHALL BE PERFORMED AS A PART OF ABATEMENT OPERATIONS.
A XX LF	ROOM / LOCATION WITH ASBESTOS CONTAINING FRIABLE IN-LINE PIPE INSULATION AND/OR ASBESTOS CONTAINING FRIABLE PIPE FITTING INSULATION LOCATED WITHIN CEILING PLENUM SPACES, INTERSTITIAL WALL SPACES AND CHASES TO BE REMOVED.



TRUE NORTH PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
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www.delta-eas.com
CERTIFICATE OF AUTHORIZATION #: 019598

ANTHONY RICCO PANCI — STATE OF NEW YORK — 072503 — LICENSED PROFESSIONAL ENGINEER
2025.02.20
REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2025

NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 24-6LBIA-5HAB

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DRAWING DATE: **01/08/2025**

DRAWN BY: **SMP**

SCALE: **As Noted**

DRAWING TITLE:

ASBESTOS ABATEMENT PLAN - GROUND FLOOR AREA E - DISTRICT OFFICE

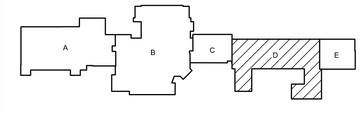
D X0.02



1 / A X0.03 ASBESTOS ABATEMENT PLAN - FIRST FLOOR AREA D
1/8" = 1'-0"

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
A XX LF	ROOM / LOCATION WITH ASBESTOS CONTAINING FRIABLE IN-LINE PIPE INSULATION AND/OR ASBESTOS CONTAINING FRIABLE PIPE FITTING INSULATION LOCATED WITHIN CEILING PLENUM SPACES, INTERSTITIAL WALL SPACES AND CHASES TO BE REMOVED.



TRUE NORTH PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

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www.delta-eas.com
CERTIFICATE OF AUTHORIZATION #: 019598

STATE OF NEW YORK · ANTHONY ROCCO CIRILLO · 097620 · LICENSED PROFESSIONAL ENGINEER

2025.02.20

REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2025
NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 24-6LBIA-SHAB

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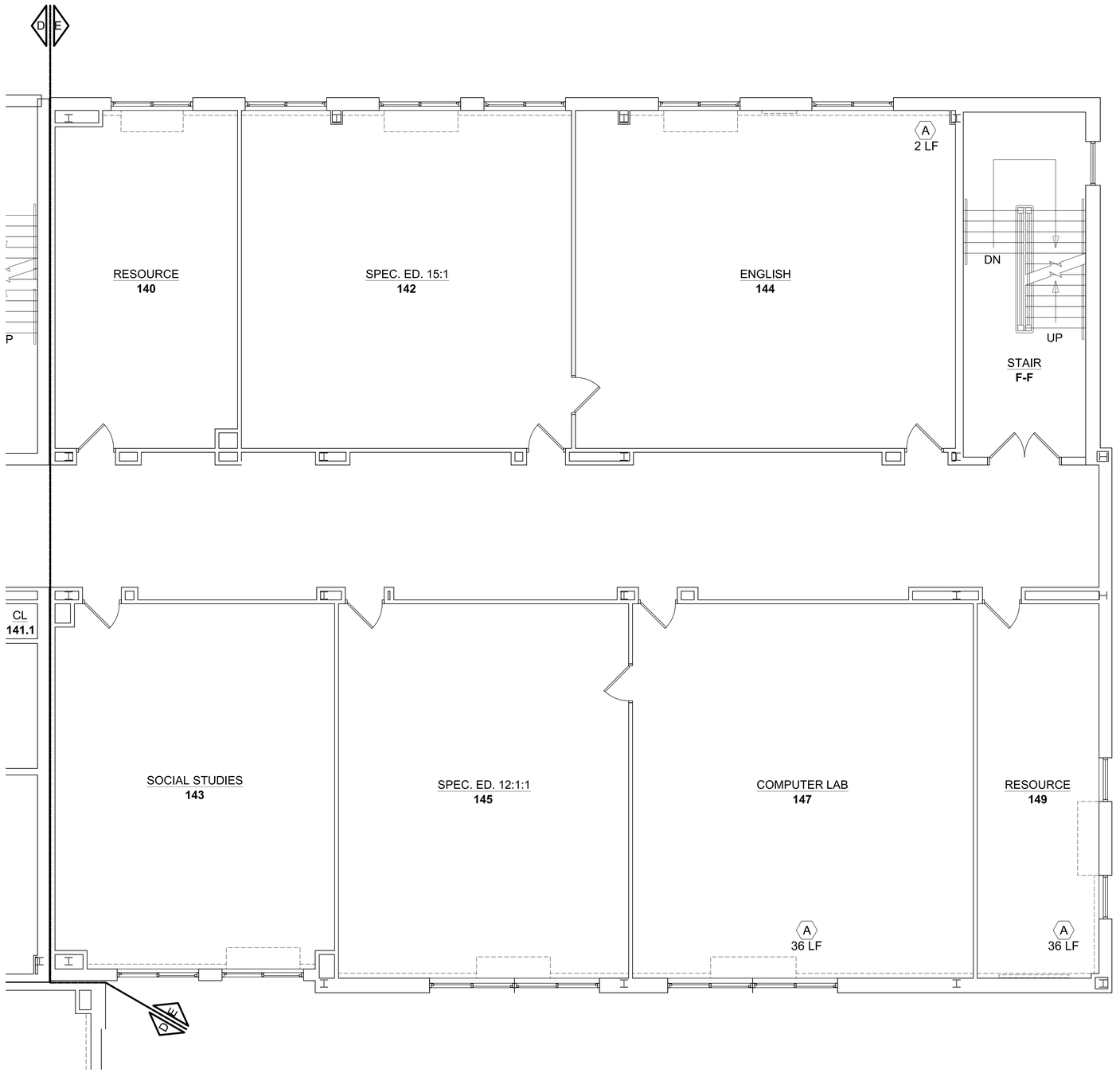
DRAWN BY: **SMP**

SCALE: **As Noted**

DRAWING TITLE:

ASBESTOS ABATEMENT PLAN - FIRST FLOOR AREA D

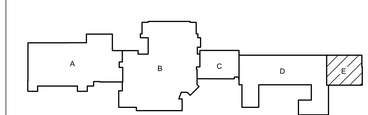
D X0.03



1 D X0.04/ ASBESTOS ABATEMENT PLAN - FIRST FLOOR AREA E
1/4" = 1'-0"

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
A XX LF	ROOM / LOCATION WITH ASBESTOS CONTAINING FRIABLE IN-LINE PIPE INSULATION AND/OR ASBESTOS CONTAINING FRIABLE PIPE FITTING INSULATION LOCATED WITHIN CEILING PLENUM SPACES, INTERSTITIAL WALL SPACES AND CHASES TO BE REMOVED.



TRUE NORTH PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

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www.delta-eas.com
CERTIFICATE OF AUTHORIZATION #: 019598

STATE OF NEW YORK ANTHONY ROCCO PANARI LICENSED PROFESSIONAL ARCHITECT 026105

2025.02.20

REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2025

NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 24-6LBIA-SHAB

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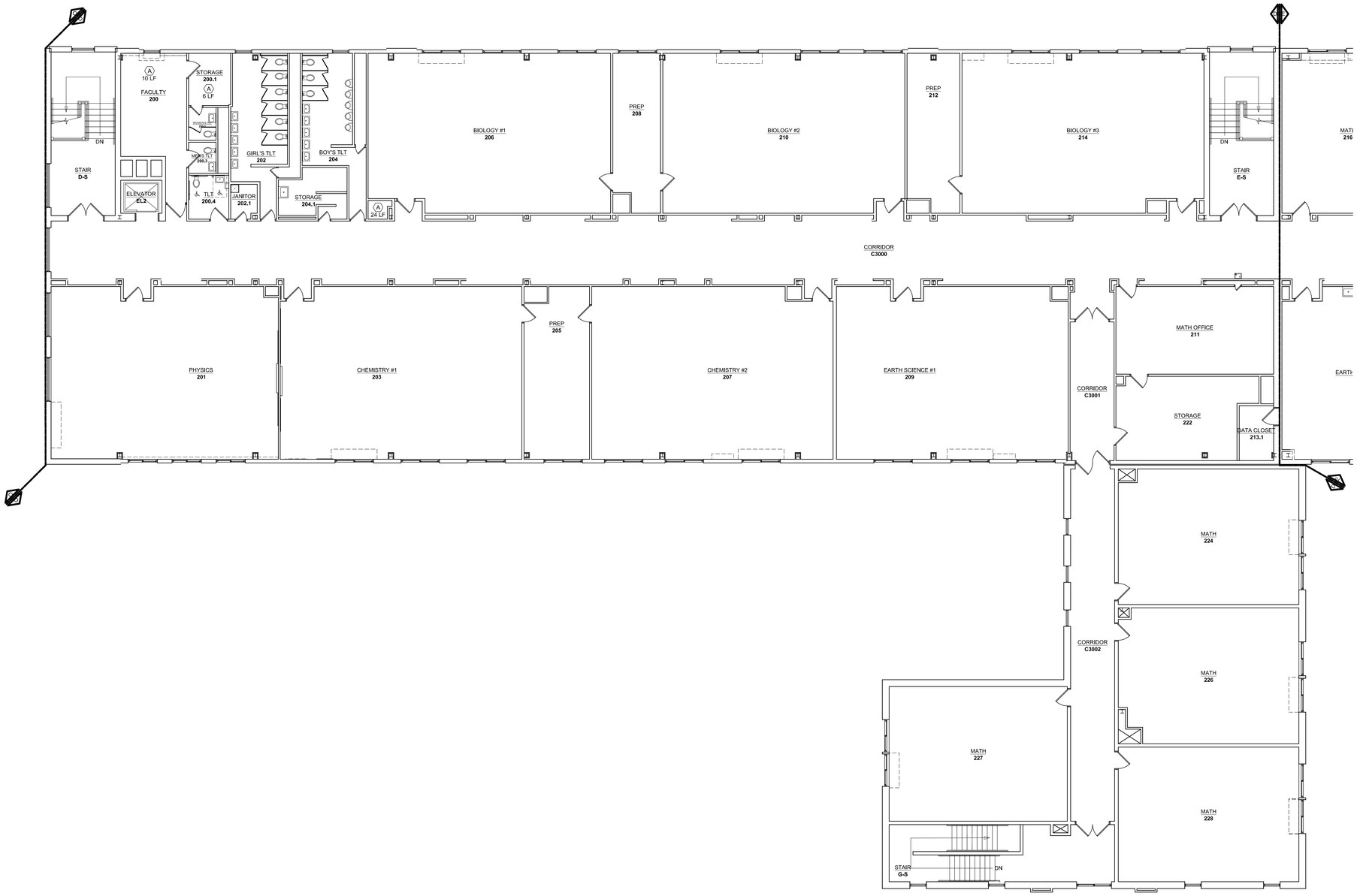
DRAWN BY: **SMP**

SCALE: **As Noted**

DRAWING TITLE:

ASBESTOS ABATEMENT PLAN - FIRST FLOOR AREA E

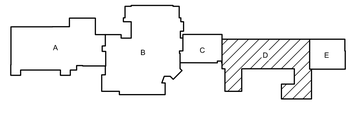
D X0.04



1 / A X0.05 ASBESTOS ABATEMENT PLAN - SECOND FLOOR AREA D
1/8" = 1'-0"

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
A XX LF	ROOM / LOCATION WITH ASBESTOS CONTAINING FRIABLE IN-LINE PIPE INSULATION AND/OR ASBESTOS CONTAINING FRIABLE PIPE FITTING INSULATION LOCATED WITHIN CEILING PLENUM SPACES, INTERSTITIAL WALL SPACES AND CHASES TO BE REMOVED.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

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CERTIFICATE OF AUTHORIZATION #: 019598

STATE OF NEW YORK — ANTHONY ROCCO CARUSO — 090301 — LICENSED PROFESSIONAL ENGINEER
2025.02.20
REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2025
NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 24-6LBIA-SHAB

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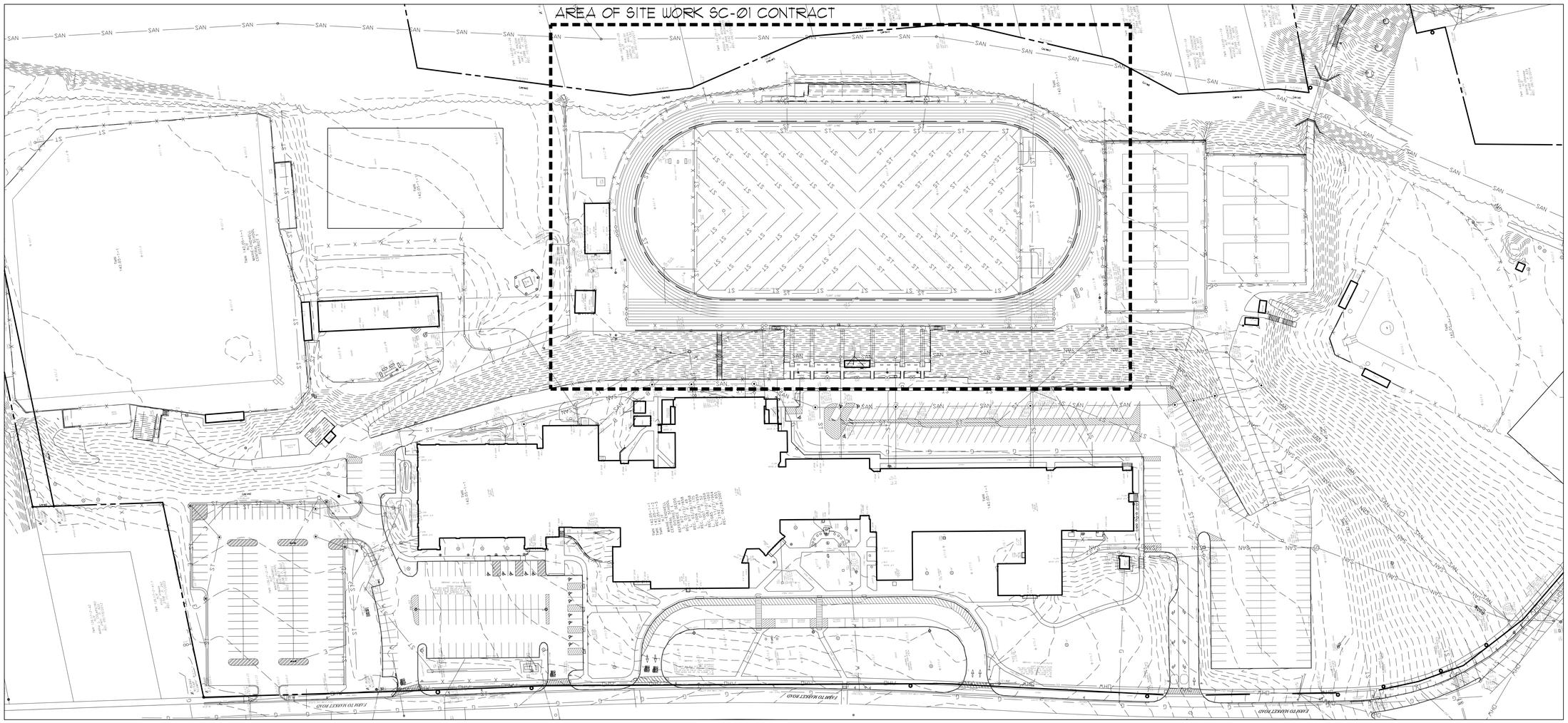
DRAWN BY: **SMP**

SCALE: **As Noted**

DRAWING TITLE:

ASBESTOS ABATEMENT PLAN - SECOND FLOOR AREA D

D X0.05



SITE SURVEY - MAINE-ENDWELL HIGH SCHOOL

NORTH 0 25 50 100 150 SCALE IN FEET

SURVEY VERIFICATION/COORDINATION - MAINE-ENDWELL HIGH SCHOOL

CONTRACTOR IS RESPONSIBLE FOR VERIFICATION / COORDINATION OF ALL INFORMATION (BENCHMARKS, ELEVATIONS, UTILITIES, ELEMENTS, TREES, ETC.) SHOWN ON THIS SURVEY AND CALIBRATING THIS INFORMATION WITH ACTUAL "IN THE FIELD" DATA. THIS SURVEY IS PROVIDED FOR THE BENEFIT OF THE CONTRACTOR AND GENERAL DESIGN INTENT IS SHOWN. NO ADDITIONAL COSTS WILL BE ALLOWED SHOULD INFORMATION SHOWN ON THE SURVEY AND FIELD DATA VARY.

PARKING SUMMARY - MAINE-ENDWELL HIGH SCHOOL

LOT	EXISTING	PROPOSED	HC
SOUTH PARKING LOT8	161	161 (NO CHANGE)	5
NORTH PARKING LOT8	207	207 (NO CHANGE)	13
TOTAL CAR PARKING	374	374	18 (15 REQUIRED)

SURVEY NOTES - MAINE-ENDWELL HIGH SCHOOL

BOUNDARY AND TOPOGRAPHIC INFORMATION WAS TAKEN FROM THE FOLLOWING:

TITLE "TOPOGRAPHIC SURVEY, MAINE-ENDWELL HIGH SCHOOL", 750 FARM TO MARKET ROAD, TAX MAP NO. 142.05-1-1, TOWN OF UNION, BROOME COUNTY, NEW YORK STATE, TOPOGRAPHIC SURVEY". PREPARED BY HILBERT ENGINEERING AND LAND SURVEYING, DPC. CENTRE PLAZA, 53 CHENANGO STREET, 8TH FLOOR, BINGHAMPTON, NEW YORK 13901-1805, PHONE: (607)723-0753. UPDATES TO SITE PLAN MADE FROM AS-BUILT DRAWINGS FROM 2022 CAPITAL PROJECT PHASE 1 DRAWINGS DATED 5/18/2023.

MAP REFERENCES:

1) ASSESSOR'S TAX MAP, SECTION 142.05, TOWN OF UNION, BROOME COUNTY, NEW YORK, MAP DATE 08/01/2022, LAST REVISED 05/10/2021.

2) ASSESSOR'S TAX MAP, SECTION 142.17, TOWN OF UNION, BROOME COUNTY, NEW YORK, MAP DATE 03/31/2022, LAST REVISED 05/10/2021.

3) "PROPOSED SUBDIVISION, PARTRIDGE PLACE, TOWN OF UNION, COUNTY OF BROOME, STATE OF NEW YORK", DATED 01/19/1987, RECORDED IN THE BROOME COUNTY CLERK'S OFFICE 06/24/1987 AS MAP #3583 IN PLAT CABINET III AT SLEEVE 250A.

4) "SUBDIVISION NO. 25, HILLTOP ACRES, TOWN OF UNION-BROOME COUNTY, NEW YORK", DATED 09/30/1971, PREPARED BY C. J. WINTERBERGER, RECORDED IN THE BROOME COUNTY CLERK'S OFFICE 01/27/1972 AS MAP #1813 IN BOOK OF MAPS 30 AT PAGE 183.

5) "CODE COMPLIANCE AND SITE KEY PLAN, 2008 CAPITAL IMPROVEMENTS, MAINE ENDWELL CENTRAL SCHOOL DISTRICT, SENIOR HIGH SCHOOL, 112 FARM TO MARKET ROAD, ENDWELL, NEW YORK 13760, DRAWING NO. C100-H", DATED 09/24/2008, PREPARED BY KLUMPP LAND SURVEYING.

6) "EXISTING CONDITIONS PLAN, 2008 CAPITAL IMPROVEMENTS, MAINE ENDWELL CENTRAL SCHOOL DISTRICT, SENIOR HIGH SCHOOL, 112 FARM TO MARKET ROAD, ENDWELL, NEW YORK, 13760, DRAWING NO. C100-H", DATED 09/16/2008, LAST REVISED 06/16/2009 PREPARED BY KLUMPP LAND SURVEYING.

7) "EXISTING CONDITIONS PLAN, 2008 CAPITAL IMPROVEMENTS, MAINE ENDWELL CENTRAL SCHOOL DISTRICT, SENIOR HIGH SCHOOL, 112 FARM TO MARKET ROAD, ENDWELL, NEW YORK 13760, DRAWING NO. C001-H", DATED 10/30/2007, LAST REVISED 06/16/2009 PREPARED BY KLUMPP LAND SURVEYING.

8) "SITE PLAN, 2014 CAPITAL IMPROVEMENTS, PHASE 3, MAINE ENDWELL CENTRAL SCHOOL DISTRICT, 750 FARM TO MARKET ROAD, ENDWELL, NY 13760, DRAWING NO. H3-C103", DATED 03/03/2017, LAST REVISED 04/24/2017, PREPARED BY IBI GROUP.

9) "DETAILS, 2014 CAPITAL IMPROVEMENTS, PHASE 3, MAINE ENDWELL CENTRAL SCHOOL DISTRICT, 750 FARM TO MARKET ROAD, ENDWELL, NY 13760, DRAWING NO. H3-C501", DATED 03/03/2017, LAST REVISED 04/24/2017, PREPARED BY IBI GROUP.

10) "SITE AND UTILITY PLAN (4), 2019 CAPITAL IMPROVEMENTS- PHASE 1, M-E HIGH SCHOOL, 750 FARM TO MARKET ROAD, ENDICOTT, NY 13760, SHEET NUMBER H3-C113", DATED 10/15/2019, LAST REVISED 01/11/2020, PREPARED BY IBI GROUP.

11) "GRADING AND EROSION CONTROL PLAN (4), 2019 CAPITAL IMPROVEMENTS- PHASE 1, M-E HIGH SCHOOL, 750 FARM TO MARKET ROAD, ENDICOTT, NY 13760, SHEET NUMBER H3-C133", DATED 10/15/2019, LAST REVISED 01/11/2020, PREPARED BY IBI GROUP.

12) "SURVEY FOR DAVID SCHUSTER AND PATRICIA SCHUSTER, LOCATED AT 101 PARTRIDGE PLACE, TOWN OF UNION, BROOME COUNTY, NEW YORK", DATED 09/19/2016, PREPARED BY WILLIAMS & EDSALL LAND SURVEYORS, PC.

13) "SURVEY FOR RONALD E. RUSS AND SANDRA M. CRABBS-RUSS, LOCATED AT 3603 PHEASANT LANE, TOWN OF UNION, BROOME COUNTY, NEW YORK", DATED 10/7/2016, PREPARED BY WILLIAMS & EDSALL LAND SURVEYORS, PC.

14) "JOSEPH NEIZELEK SUBDIVISION, PHEASANT LANE ENDWELL, TOWN OF UNION - BROOME COUNTY - N.Y.", DATED 11/18/1998, PREPARED BY WESLEY M. BOYSEN, RECORDED IN THE BROOME COUNTY CLERK'S OFFICE 05/05/1999 IN BOOK 17 AT PAGE 375.

MAP NOTES:

1) RECTIFIED ORTHOPHOTOGRAPHY, PHOTOGRAMMETRIC MAPPING, AIRBORNE/MOBILE LASER SCANNING AND OTHER SIMILAR PRODUCTS, TOOLS OR TECHNOLOGIES WERE USED AS THE BASIS FOR SHOWING THE LOCATION OF CERTAIN FEATURES (EXCLUDING BOUNDARIES) WHERE GROUND MEASUREMENTS ARE NOT OTHERWISE NECESSARY TO LOCATE THOSE FEATURES TO AN APPROPRIATE AND ACCEPTABLE ACCURACY RELATIVE TO A NEARBY BOUNDARY.

2) ALL COORDINATES AND BEARINGS ARE BASED ON NEW YORK STATE PLANE CENTRAL ZONE NAD83(CORS2011)/NAVD88 US SURVEY FEET.

3) SURVEY COMPLETED JANUARY 25-FEBRUARY 7, 2023.

4) ABSTRACT OF TITLE- NOT PROVIDED AT THE TIME OF THE SURVEY AND MAY CONTAIN SPECIFIC TITLE INFORMATION.

5) CERTIFICATE OF TITLE- NOT PROVIDED AT THE TIME OF SURVEY AND MAY CONTAIN SPECIFIC TITLE INFORMATION.

6) ONLY BOUNDARY SURVEY MAPS WITH THE SURVEYOR'S EMBOSSED SEAL ARE GENUINE TRUE AND CORRECT COPIES OF THE SURVEYOR'S ORIGINAL WORK AND OPINION.

7) THE CERTIFICATION IS LIMITED TO PERSONS FOR WHOM THE BOUNDARY SURVEY MAP IS PREPARED, TO THE TITLE COMPANY, AND TO THE OTHER INSTITUTIONS LISTED ON THIS BOUNDARY SURVEY MAP.

8) THE CERTIFICATES HEREON ARE NOT TRANSFERABLE.

9) THE LOCATION OF UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT ALWAYS KNOWN AND OFTEN MUST BE ESTIMATED. UNDERGROUND IMPROVEMENTS OR ENCROACHMENTS ARE NOT COVERED BY THIS CERTIFICATE.

10) UNDERGROUND UTILITY LOCATIONS ARE NOT GUARANTEED, NOR IS THERE ANY GUARANTEE THAT ALL EXISTING UTILITIES WHETHER FUNCTIONAL OR ABANDONED WITHIN THE PROJECT AREA ARE SHOWN ON THIS DRAWING. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL UNDERGROUND UTILITIES BY CONTACTING DIG SAFELY, NEW YORK AT 1-800-962-7962, IN ACCORDANCE WITH 16 NYCRR PART 753, (ALSO CITED AS INDUSTRIAL CODE 53 OR CODE RULE 53.) BEFORE STARTING WORK AND SHALL BE RESPONSIBLE FOR ALL DAMAGE RESULTING FROM HIS WORK. TICKET ID #: 160721-001-024.

BENCHMARKS:

BM-50 : IS A "BENCH TIE" ON THE SOUTH SIDE OF UTILITY POLE NYSEG 66 NYT 63 LOCATED 40 FEET MORE OR LESS SOUTH OF THE EXIT FOR THE MAIN ENTRANCE LOOP.
ELEV. = 972.71 (NAVD88)

BM-51 : IS A "BENCH TIE" ON THE WEST SIDE OF UTILITY POLE "8330 NYT 61 LOCATED 15 FEET MORE OR LESS SOUTH OF THE ENTRANCE FOR THE MAIN ENTRANCE LOOP.
ELEV. = 976.50 (NAVD88)

BM-52 : IS A 'CHISELED X' ON THE SOUTHEAST SIDE OF A CONCRETE BASE FOR A LIGHT POLE LOCATED IN THE NORTHERLY PARKING LOT AT THE NORTH END OF THE CENTER PARKING SPACES.
ELEV. = 970.90 (NAVD88)

BM-53 : IS A 'CHISELED X' ON THE WEST SIDE OF A CONCRETE BASE FOR A LIGHT POLE LOCATED AT THE NORTHWEST CORNER OF THE TENNIS COURTS.
ELEV. = 943.71 (NAVD88)

BM-54 : IS A "BENCH TIE" ON THE NORTHEAST SIDE OF UTILITY POLE 811 57 LOCATED 35'1 FEET MORE OR LESS NORTHWESTERLY OF THE BRIDGE ON HOOPER ROAD.
ELEV. = 923.38 (NAVD88)

BL-3 : ¾" REBAR W/ CAP
"BASELINE"
N 1119,739.898
E 972,825.601

BL-4 : ¾" REBAR W/ CAP
"BASELINE"
N 1119,294.664
E 971,932.843

LEGEND - MAINE-ENDWELL HIGH SCHOOL

EXISTING	PROPOSED	DESCRIPTION
	CLL	CONTRACT LIMIT LINE
		STREET LINE / PROPERTY EDGE
--100--	100	CONTOUR
		CURB
		PAVEMENT EDGE
		SAWCUT LINE
		UTILITY REMOVAL
OU		OVERHEAD WIRES
W	15" W	WATER LINE
G		GAS LINE
UU		BURIED FIBER OPTIC LINE
UE		BURIED ELECTRIC LINE
SAN		SANITARY SEWER - SIZE / TYPE
ST	6" ST	STORM SEWER - SIZE / TYPE
	8" SMT	STORMWATER MANAGEMENT TRENCH
		ELECTRIC HANDHOLE
		CONCRETE MONUMENT FOUND
		BASELINE POINT
	BM-#	BENCHMARK
AC		AIR CONDITIONER UNIT
		RIP RAP STONE
		METAL BOLLARD
		TRAFFIC SIGN
		FIRE HYDRANT / HOSE HOOK-UP
	WV	WATER VALVE
DS		CATCH BASIN / STORM INLET
		STORM MANHOLE / DRYWELL
S		SANITARY MANHOLE
CO RD		CLEANOUT / ROOF DRAIN
		GAS VALVE
	TDCB	TRENCH DRAIN CATCHBASIN
	CBOX	COMMUNICATION BOX
	TB	THRUST BLOCK

EXISTING	PROPOSED	DESCRIPTION
	YH	YARD HYDRANT
CHAIN LINK FENCE		VINYL CLAD CHAIN LINK FENCE
x257.25	456.50	SPOT GRADE
	F.V.	FIELD VERIFY
	E.O.P.	EDGE OF PAVEMENT
	FG	FINISH GRADE
	FFE	FINISH FLOOR ELEVATION
	INV.	INVERT
	TYP	TYPICAL
		CURB CUT / CURB RAMP
CC		EDGE OF WOODS
		TREES / SHRUBS
		DRAINAGE FLOW DIRECTION
	Ø	DETAIL FLAG
	1	CONSTRUCTION NOTE
		REMOVE EXISTING PAVEMENT
		1½" ASPHALT MILLING AND TACK COAT
		1½" ASPHALT WEARING COURSE
	MDA	MEDIUM DUTY ASPHALT
	RTS	RESILIENT TRACK SURFACING
		LAWN - 4" TOPSOIL, SEED AND MULCH
		STONE BLANKET - TOP DRESS

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBER:
D: SR HIGH SCHOOL: 03-11-01-06-0-010-030

appel osborne landscape architecture
330 West Division Street, Suite 100
Syracuse, NY 13204 | (315) 476-0222

REGISTERED LANDSCAPE ARCHITECT MICHAEL JENNER 002097 STATE OF NEW YORK
Registration current through: 9/30/2025

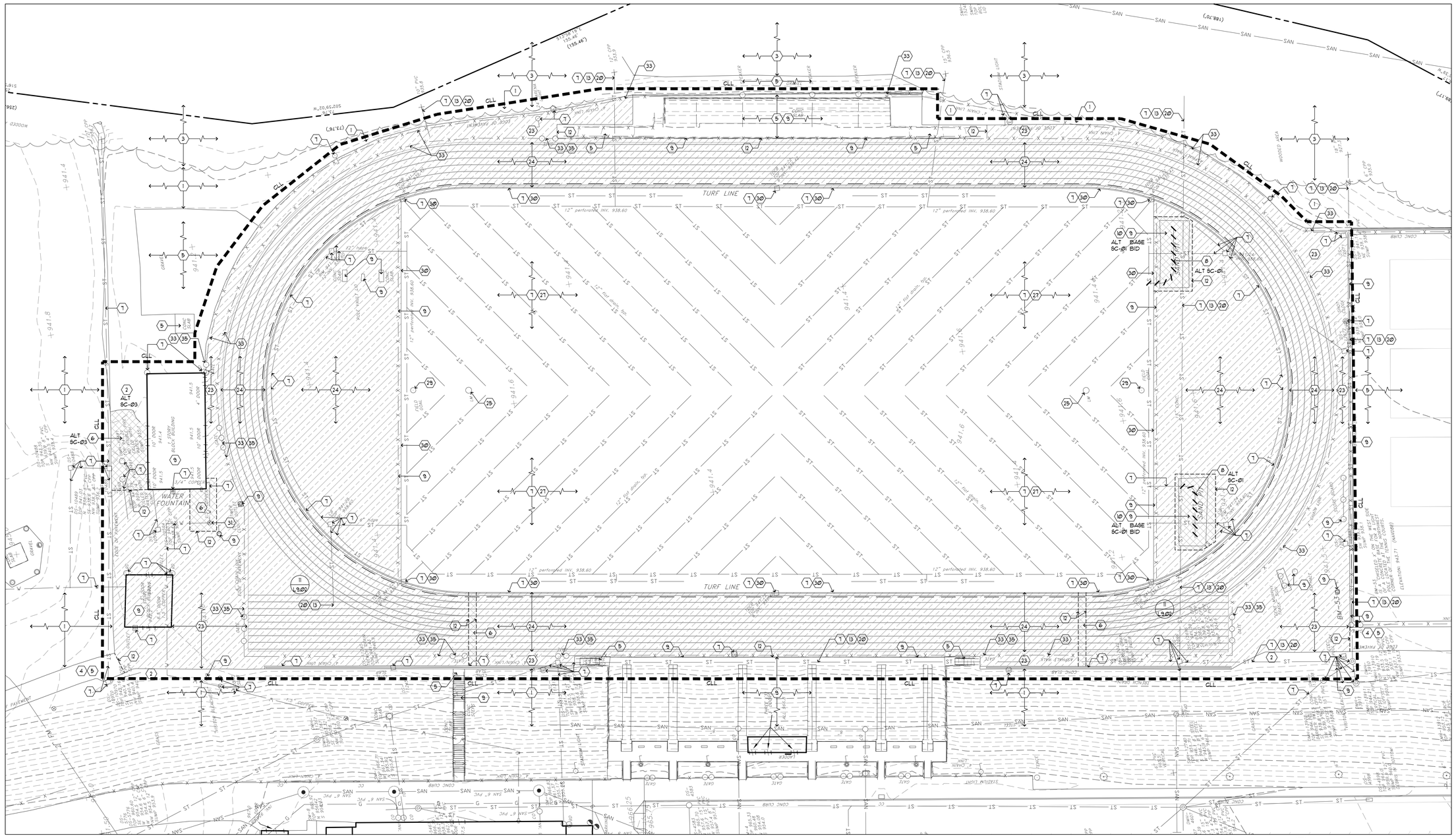
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SITE SURVEY

D L0.01



SITE PREPARATION PLAN – MAINE-ENDWELL HIGH SCHOOL

NORTH

0 10 20 40 60

SCALE IN FEET

SITE PREPARATION and CONSTRUCTION NOTES - MAINE-ENDWELL HIGH SCHOOL

1. EXISTING LAWN AREA REMAINS. PROTECT.
2. STRIP EXISTING TOPSOIL AND STOCK PILE FOR REUSE ONSITE IN AN AREA AS SHOWN ON PLANS OR AS DIRECTED BY THE OWNER. TEMPORARILY SEED ENTIRE PILE IMMEDIATELY AND SURROUND WITH SILT FENCE.
3. EXISTING VEGETATION REMAINS. PROTECT AT ALL TIMES AS SHOWN ON THE PLANS AND AS SPECIFIED. DO NOT PARK VEHICLES/EQUIPMENT OR STORE MATERIALS WITHIN DRIP LINES OF TREES.
4. PROTECT PAVEMENT AT CONSTRUCTION ACCESS POINT. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION. PROVIDE TEMPORARY PROTECTION OF THE CONSTRUCTION AREA AS SPECIFIED.
5. EXISTING PAVEMENT REMAINS. PROTECT. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION
6. REMOVE EXISTING PAVEMENT SURFACE AND HAUL OFF SITE. REMOVE GRANULAR BASE COURSE AND HAUL OFF SITE.
7. EXISTING SITE UTILITY REMAINS. PROTECT.
8. REMOVE EXISTING SITE UTILITY DISPOSE OFF SITE AND BACK FILL VOID WITH IMPORTED GRANULAR BACKFILL, COMPACTED TO MINIMUM 95% OF IN PLACE DRY DENSITY.
9. EXISTING SITE FEATURE REMAINS. PROTECT.
10. REMOVE EXISTING SITE FEATURE AND DISPOSE OFF SITE, INCLUDING ANY ASSOCIATED FOOTINGS OR UNDERDRAINS. BACKFILL VOID WITH IMPORTED GRANULAR BACKFILL COMPACTED TO 95% OF IN PLACE DRY DENSITY.
11. REMOVE EXISTING SITE FEATURE AND RETURN TO OWNER.
12. SAW CUT NEAT, STRAIGHT EDGE, PRIOR TO PAVING. AT SIDEWALKS REMOVE AT NEAREST SCORE JOINT.
13. CONTRACTOR SHALL FIELD VERIFY LOCATION, ELEVATION, INVERT, SIZE, AND TYPE OF EXISTING PIPE/UTILITY PRIOR TO ORDERING MATERIALS AND CONSTRUCTION. NOTIFY LANDSCAPE ARCHITECT OF ANY DISCREPANCY IMMEDIATELY.
14. ADJUST UTILITY TO FINISHED GRADE. FURNISH ALL LABOR AND MATERIAL TO ACCOMPLISH.
15. MEET EXISTING LINE AND GRADE.
16. SLIP DOWEL NEW CONCRETE WALK INTO EXISTING CONCRETE WALK OR BUILDING FOUNDATION WALL WITH No. 4 SLIP DOWEL, 18" LONG, 12" OC, 2" CLEAR MINIMUM FROM SURFACE. INSERT DOWELS EQUAL LENGTH INTO EXISTING AND NEW CONCRETE. PROVIDE EXPANSION JOINT AND SEALANT.
17. ALIGN NEW EDGE WITH EXISTING.
18. CAP END SILT TIGHT.
19. PROVIDE HOT TAR ASPHALT CRACK SEALER BETWEEN EXISTING AND NEW ASPHALT JOINT.
20. CAMERA SCOPE AND JET WASH EXISTING STORM PIPE FOR FREE FLOWING CONDITION. NOTIFY ARCHITECT OF ANY EXISTING DAMAGE IMMEDIATELY.
21. PROVIDE FERNCO COUPLER OR SIMILAR SILT TIGHT JOINT BETWEEN EXISTING PIPE AND NEW STORM PIPE. ALLOW INSPECTION BY ARCHITECT PRIOR TO BACKFILLING. NOTIFY ARCHITECT WHEN READY TO BACKFILL. WHEN CONNECTING DISSIMILAR PIPES, PROVIDE MARMAC DISSIMILAR PIPE COUPLER.
22. CORE INTO EXISTING STRUCTURE TO ALLOW INSTALLATION OF PROPOSED PIPE. MORTAR VOID BETWEEN OUTSIDE OF PIPE WALL TO STRUCTURE EDGE WATER TIGHT. CLEAN EXISTING STRUCTURE OF ANY DEBRIS PRIOR TO INSTALLATION OF NEW PIPE.
23. ALTERNATE 5C-Ø3: MILL EXISTING ASPHALT MATERIAL TO 1-½" DEPTH MINIMUM. REMOVE AND HAUL OFFSITE. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION WITH SAME MATERIAL AS ADJACENT, AND AS DIRECTED BY THE ARCHITECT. REPAIR ANY CRACKED OR DISPLACE PAVEMENT BENEATH MILLINGS TO PROVIDE A STABLE BASE SATISFACTORY TO THE ARCHITECT AS DETAILED AND SPECIFIED. SWEEP, POWERWASH AND CLEAN ENTIRE MILLED SURFACE. INSTALL NYSDOT APPROVED TACK COAT TO MILLED SURFACE AND PAVE AS DETAILED AND SPECIFIED.
24. BASE BID: SCRAPE OFF AND REMOVE EXISTING TRACK SURFACING MATERIAL. ALTERNATE 5C-Ø4: MILL EXISTING ASPHALT MATERIAL TO 1-½" DEPTH MINIMUM. REMOVE AND HAUL OFFSITE. REPLACE ANY PAVEMENT DAMAGED DURING CONSTRUCTION WITH SAME MATERIAL AS ADJACENT, AND AS DIRECTED BY THE ARCHITECT. REPAIR ANY CRACKED OR DISPLACE PAVEMENT BENEATH MILLINGS TO PROVIDE A STABLE BASE SATISFACTORY TO THE ARCHITECT AS DETAILED AND SPECIFIED. SWEEP, POWERWASH AND CLEAN ENTIRE MILLED SURFACE. INSTALL NYSDOT APPROVED TACK COAT TO MILLED SURFACE AND PAVE AS DETAILED AND SPECIFIED.
25. VERIFY LOCATION OF TRACK MONUMENTS. ESTABLISH MEASUREMENT OF TRACK LAYOUT. REPUTED LOCATION OF MONUMENTS BASED ON APPROXIMATE MEASURE LINE AND AS-BUILT DRAWINGS. NOTIFY ARCHITECT AND OWNER IMMEDIATELY IF DISCREPANCIES ARISE IN THE FIELD. MAKE ADJUSTMENTS AS NECESSARY TO ESTABLISH 400 METER TRACK DIMENSIONS, MEETING NFHS REGULATIONS. PROVIDE NEW LOCATION MONUMENTS PER SPECIFICATIONS AND DETAIL AS NEEDED.
26. FOR STORM STRUCTURES LOCATED IN RESILIENT TRACK SURFACING, PROVIDE SOLID COVER AND INSTALL RESILIENT TRACK SURFACING ON STRUCTURE LID. CUT SLIT AND ACCESS HOLE IN RESILIENT TRACK SURFACE TO ALLOW LID TO BE REMOVED FOR STRUCTURE ACCESS.
27. CAREFULLY AND SYSTEMATICALLY REMOVE ALL SBR RUBBER/SAND INFILL MATERIAL, SYNTHETIC TURF CARPET AND DISPOSE OFF SITE. REMOVALS SHALL BE BACK TO THE STONE BLANKET FINISHING STONE SURFACE. ANY DAMAGE AS A RESULT OF THE TURF REMOVAL OPERATION SHALL BE REPAIRED, WITHOUT DELAY AND AS DIRECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.
28. FINE GRADE, TRUE AND LEVEL EXISTING FINISHING STONE. PROVIDE ADDITIONAL NEW DRAINAGE, BASE AND FINISHING STONE AS SPECIFIED TO MAKE UP ELEVATION OF REMOVALS, ESTABLISH PROPOSED GRADES, AND TO PROVIDE A CONSISTENT SMOOTH STONE BLANKET SURFACE FOR NEW SYNTHETIC TURF SYSTEM. ONCE COMPLETE, NOTIFY ARCHITECT FOR FINAL APPROVAL. COORDINATE WITH OWNERS TESTING AGENCY FOR DRAINAGE TESTS ON STONE BLANKET. PROVIDE TURF VENDER ACCEPTANCE AND STRING GRADING PLANARITY OF STONE BLANKET SURFACE PRIOR TO TURF INSTALLATION AS SPECIFIED.
29. EXISTING GOAL POST AND BASE TO REMAIN, PROTECT. EXISTING FOOTING AND GROUND SLEEVE TO REMAIN, PROTECT. INFILL FRAME BOX AND COVER WITH TURF TO BE REMOVED AND DISPOSED. PROVIDE NEW INFILL FRAME BOX AND COVER WITH TURF COMPATIBLE WITH EXISTING GOAL POST AND FOOTING. ADJUST FRAME BOX AND COVER WITH TURF TO PROPOSED ELEVATIONS.
30. EVALUATE CONDITION OF EXISTING TURF NAILER EDGE WITH ARCHITECT AFTER REMOVAL OF EXISTING TURF. REMOVE AND REPLACE ANY ROTTED OR DAMAGED WOOD TURF NAILER. ASSUME REPLACEMENT OF 500 LINEAR FEET OF PRESSURE TREATED WOOD TURF NAILER FOR BIDDING PURPOSES. PROVIDE ALL LABOR AND MATERIALS TO ACCOMPLISH.
31. REMOVE EXISTING FLUSH YARD HYDRANT, UTILITY BOX ENCLOSURE, VALVE AND ANY DAMAGED PIPING. PROVIDE NEW FLUSH YARD HYDRANT AND BOX ENCLOSURE AS DETAILED. PROVIDE ALL NEW WATER PIPE AND VALVES TO ACCOMPLISH. TEST SYSTEM AFTER REPLACEMENT TO CONFIRM PROPER WORKING ORDER.
32. FURNISH AND INSTALL ALL FENCING, POSTS, HARDWARE, AND CONCRETE FOOTINGS NECESSARY TO MAKE TRANSITION FROM PROPOSED FENCE TO EXISTING FENCE. MATCH HEIGHT OF EXISTING FENCE UNLESS OTHERWISE SHOWN ON THE PLANS.
33. IF MILL/TOP ALTERNATES ARE NOT ACCEPTED: REMOVE AND STOCKPILE EXISTING FENCE FABRIC, RAILS AND POSTS TO ALLOW INSTALLATION OF ASPHALT AND/OR ACCESS TO PROPOSED WORK. PROTECT. CAREFULLY REMOVE AND DISPOSE OF EXISTING FOOTINGS. REINSTALL FENCE FABRIC, RAILS AND POSTS WHEN WORK IS COMPLETE. PROVIDE ALL HARDWARE NECESSARY TO ACCOMPLISH. PROVIDE ADDITIONAL MATERIAL INCLUDING POSTS, CONCRETE FOOTINGS, RAIL, MID-RAILS, AND FABRIC AS NECESSARY TO RE-ESTABLISH FENCE LINE. MODIFY FABRIC HEIGHT TO ACCOMMODATE NEW FINISH GRADE ELEVATIONS IF NECESSARY. PROVIDE ALL GATE ADJUSTMENTS.
34. VERIFY FINAL GATE LOCATIONS WITH OWNER PRIOR TO INSTALLATION.
35. ALTERNATE 5C-Ø2: FURNISH AND INSTALL NEW VINYL CHAIN LINK FENCE FABRIC, VINYL COATED TOP AND BOTTOM RAILS, FENCE GUARD TOP AND VINYL POST SLEEVES OVER EXISTING POSTS AROUND THE RUNNING TRACK AS SPECIFIED. REPLACE ALL TRACK GATES WITH NEW VINYL CHAIN LINK FENCE GATES AS DETAILED AND SPECIFIED AND DISPOSE EXISTING FENCE FABRIC, RAILS, GATES AND HARDWARE OFF SITE.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBER:
D: SR HIGH SCHOOL: 03-11-01-06-0-010-030

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SITE PREPARATION PLAN

D L0.02

SITE GRADING, DRAINAGE and UTILITY PLAN - MAINE-ENDWELL HIGH SCHOOL

NORTH

0 10 20 40 60
SCALE IN FEET

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBER:
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SITE GRADING, DRAINAGE and UTILITY PLAN

D L1.01

TRACK LAYOUT CALCULATIONS

MEASURE LINE CALCULATIONS AND ASSUMPTIONS UTILIZED IN NEW LAYOUT.
VERIFY PRIOR TO COMMENCEMENT ONCE RADIUS MONUMENTS ARE LOCATED.
NOTIFY ARCHITECT OF ANY DISCREPANCIES IMMEDIATELY.

METER = 3.28083 FEET
400 METERS = 1312.34 FEET

400 METERS = 1312.3359 FEET = MINIMUM MEASURE LINE

STRAIGHT LINES OF TRACK (BETWEEN PC & PT) = 320.016' FIELD VERIFY
TANGENT LINE = 320.016' FIELD VERIFY
RADIUS = R = 107.0' FIELD VERIFY
2π R (67.2301')÷ 2 TANGENT (64.0032') = 1312.34' MIN.

SITE LAYOUT PLAN - MAINE-ENDWELL HIGH SCHOOL

NORTH

0 10 20 40 60
SCALE IN FEET

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBER:
D: SR HIGH SCHOOL: 03-11-01-06-0-010-030

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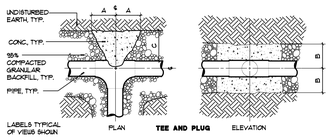
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SITE LAYOUT PLAN

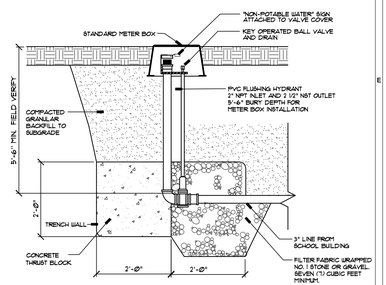
D L1.02



CONCRETE ANCHOR & THRUST BLOCK DIMENSIONS																
PIPE SIZE	12" ø			10" ø			8" ø			6" ø			4" ø OR LESS		
DIMENSIONS	A	B	C	A	B	C	A	B	C	A	B	C	A	B	C
BEND 90°	3'-0"	3'-0"	3'-0"	2'-6"	2'-6"	2'-6"	2'-0"	2'-0"	2'-0"	1'-6"	1'-6"	1'-6"	1'-0"	1'-0"	1'-0"
45°	2'-2"	2'-2"	2'-2"	1'-10"	1'-10"	1'-10"	1'-6"	1'-6"	1'-6"	1'-2"	1'-2"	1'-2"	0'-9"	0'-9"	0'-9"
22 1/2°	1'-6"	1'-6"	1'-6"	1'-4"	1'-4"	1'-4"	1'-0"	1'-0"	1'-0"	0'-9"	0'-9"	0'-9"	0'-6"	0'-6"	0'-6"
11 1/4°	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	1'-0"	0'-9"	0'-9"	0'-9"	0'-6"	0'-6"	0'-6"	0'-6"	0'-6"	0'-6"
PLUG	2'-6"	2'-6"	2'-6"	2'-0"	2'-0"	2'-0"	1'-8"	1'-8"	1'-8"	1'-3"	1'-3"	1'-3"	1'-0"	1'-0"	1'-0"
TEE BRANCH SIZE	2'-6"	2'-6"	2'-6"	2'-0"	2'-0"	2'-0"	1'-8"	1'-8"	1'-8"	1'-3"	1'-3"	1'-3"	1'-0"	1'-0"	1'-0"

5 THRUST BLOCK = TB
L9.01 SECTION • NOT TO SCALE 255-Ø03

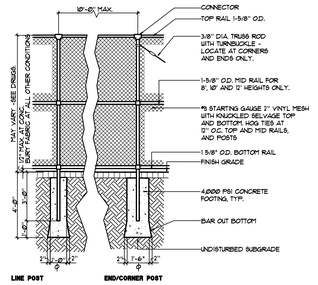
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PVC FLUSH HYDRANT FOR BELOW GRADE METER BOX INSTALLATION; SELF DRAINING, 5'-6" BURY DEPTH, 2" NPT INLET AND 2 1/2" NST OUTLET, BALL VALVE WITH BALL VALVE KEY OPERATION, ALL BRASS CONNECTIONS, SCHEDULE 80 PVC BARREL.

UTILITY SUPPLY OF AMERICA BLUEBOOK, PRODUCT No. 22584

4 FLUSH YARD HYDRANT = FYH
L9.01 SECTION 255-Ø12B

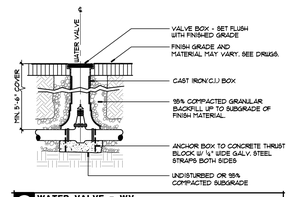


POST SCHEDULE		
FABRIC HEIGHT	LINE POST O.D.	END / CORNER POST O.D.
4' to 6'	2"	2 1/2"
8' to 12'	2 1/2"	3"

3 VINYL CHAIN LINK FENCE = CLF
L9.01 SECTION • NOT TO SCALE 275-Ø01A

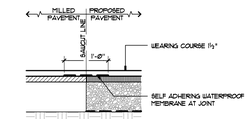
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ALT SC-Ø2



4 WATER VALVE = WV
L9.01 SECTION • NOT TO SCALE 255-Ø05

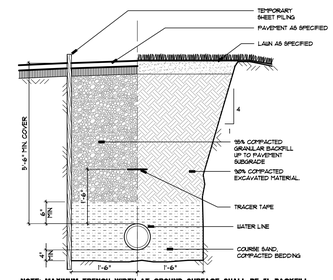
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7 MILLED PAVEMENT TO NEW PAVEMENT TRANSITION
L9.01 SECTION • NOT TO SCALE 302-Ø07A

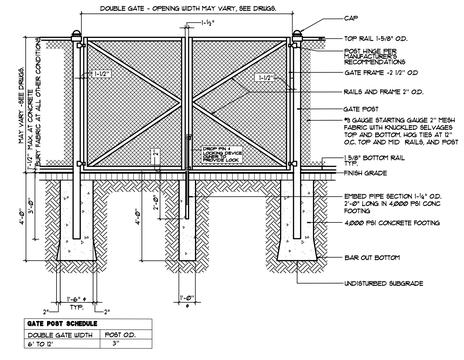
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ALT SC-Ø3 / SC-Ø4



NOTE: MAXIMUM TRENCH WIDTH AT GROUND SURFACE SHALL BE 8'. BACKFILL SHALL BE COMPACTED IN ACCORDANCE WITH SPECIFICATIONS.

1 WATERLINE TRENCH = W
L9.01 SECTION • NOT TO SCALE 255-Ø04

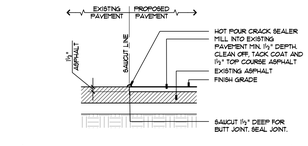


GATE POST SCHEDULE	
DOUBLE GATE WIDTH	POST O.D.
6' TO 9'	3"

6 BLACK VINYL CHAIN LINK FENCE GATE - DOUBLE WIDTH
L9.01 SECTION • NOT TO SCALE 275-Ø02A

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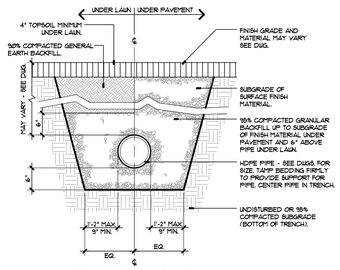
ALT SC-Ø2



8 MILLED EDGE TRANSITION TO EXISTING PAVEMENT
L9.01 SECTION • NOT TO SCALE 302-Ø09B

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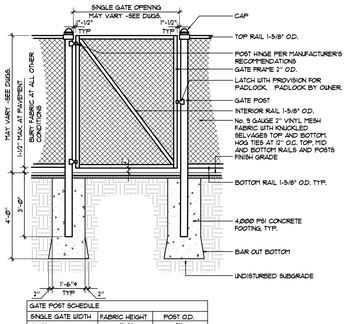
ALT SC-Ø3 / SC-Ø4



NOTE: PROVIDE AS NEEDED UTILIZING UNIT PRICING.

2 STORM TRENCH = ST
L9.01 SECTION • NOT TO SCALE 334D-Ø5A

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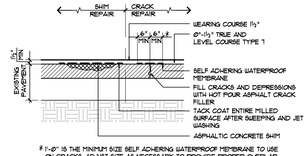


GATE POST SCHEDULE		
SINGLE GATE WIDTH	FABRIC HEIGHT	POST O.D.
4'-0"	4'-6"	3"
4'-0"	8'-10"	4"

9 VINYL CHAIN LINK FENCE GATE - SINGLE WIDTH
L9.01 SECTION • NOT TO SCALE 275-Ø03

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ALT SC-Ø2

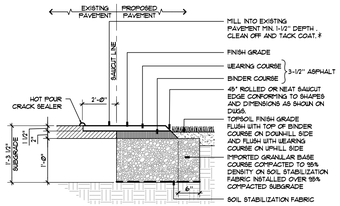


* 1'-0" IS THE MINIMUM SIZE SELF ADHERING WATERPROOF MEMBRANE TO USE ON CRACKS. ADJUST SIZE AS NECESSARY TO PROVIDE PROPER OVERLAP.

7 MILL AND TOP PAVING
L9.01 SECTION • NOT TO SCALE 302-Ø01C

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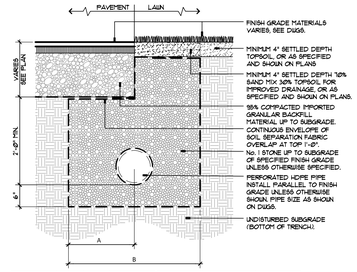
ALT SC-Ø3



* OVERLAPPING OF JOINTS BETWEEN ASPHALT COURSES IS REQUIRED.

6 MEDIUM DUTY ASPHALT PAVEMENT = MDA
L9.01 SECTION • NOT TO SCALE 302-Ø01B

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PIPE SIZE	A	B	NOTES	PIPE SIZE	A	B	NOTES
4"	6"	1'-0"	FLEXIBLE	10"	1'-6"	3'-0"	FLEXIBLE
6"	6"	1'-0"	FLEXIBLE	12"	2'-0"	4'-0"	FLEXIBLE
8"	1'-0"	2'-0"	FLEXIBLE				

5 STORMWATER MGMT TRENCH = SMT
L9.01 SECTION • NOT TO SCALE 334D-Ø2

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king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBER:
D: SR HIGH SCHOOL: 03-11-01-06-0-010-030

appel osborne landscape architecture
332 West Division Street, Suite 102
Syracuse, NY 13204 | (315) 476-5922

REGISTERED LANDSCAPE ARCHITECT MICHAEL JOSEPH APPEL 002097 STATE OF NEW YORK

Registration current through: 9/30/2025

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MARK	DATE	DESCRIPTION

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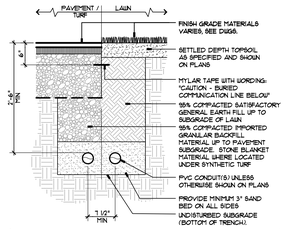
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SCALE: AS NOTED

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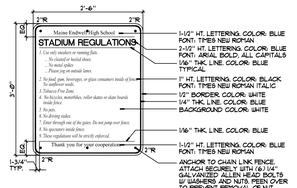
SITE DETAILS

D L9.01



BURIED CONDUIT
SECTION • NOT TO SCALE — 281-0870A

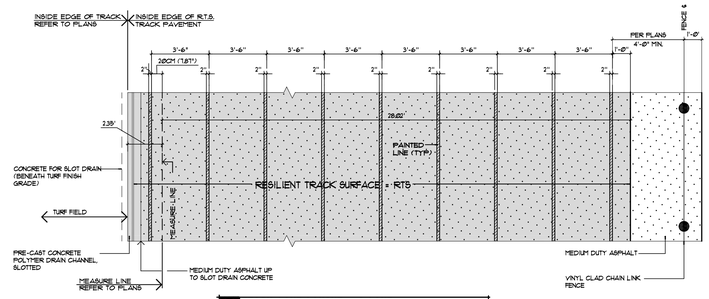
© APPEL OSBORNE LANDSCAPE ARCHITECTURE



NOTE: PROVIDE FULL SIZE SHOP DRAWINGS FOR APPROVAL.
INSTALL SIGNS AS SHOWN ON PLANS. INSTALL ON FENCE AND ANCHOR SECURELY WITH VANDAL RESISTANT HARDWARE.
SIGNS SHALL BE ALUMINUM SHEETS .090" (APPROX. 3/32") THICK, WITH TWO COATS OF DUPONT IMRON SPRAY SEMIGLOSS PAINT.
LETTERS AND LINES SHALL BE ENGINEERING GRADE (EGI) REFLECTIVE.

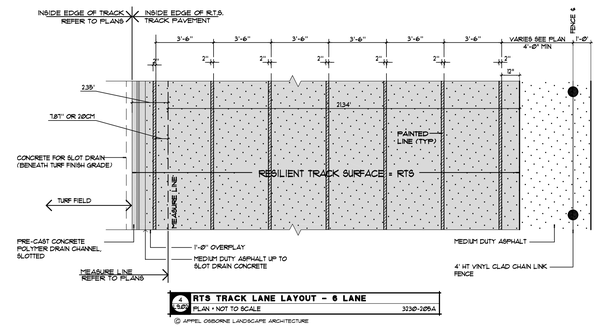
TRACK and FIELD REGULATION SIGN
SECTION • NOT TO SCALE — 3230-216

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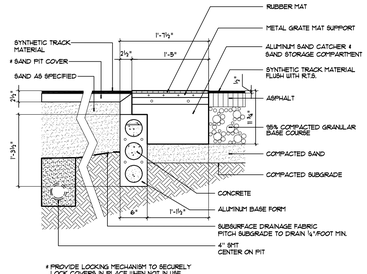
TRACK LANE LAYOUT - 8 LANE
PLAN • NOT TO SCALE — 3230-2058

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RTS TRACK LANE LAYOUT - 6 LANE
PLAN • NOT TO SCALE — 3230-2059A

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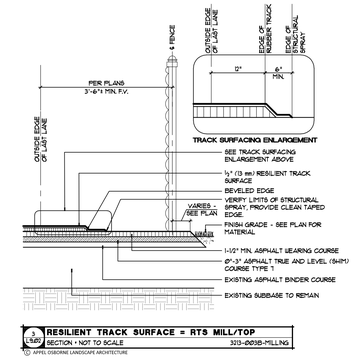


PROVIDE LOCKING MECHANISM TO SECURELY LOCK COVERS IN PLACE WHEN NOT IN USE.

LONG JUMP PIT WITH SAND CATCHERS/COVERS
SECTION • NOT TO SCALE — 3230-2070

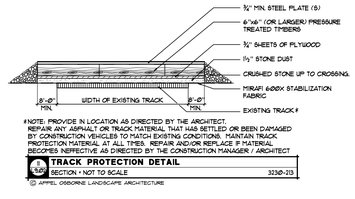
© APPEL OSBORNE LANDSCAPE ARCHITECTURE

ALT SC-01



RESILIENT TRACK SURFACE = RTS MILL/TOP
SECTION • NOT TO SCALE — 3213-0003B-MILLING

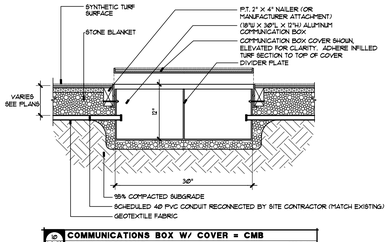
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NOTE: PROVIDE IN LOCATION AS DIRECTED BY THE ARCHITECT. REPAIR ANY ASPHALT OR TRACK MATERIAL THAT HAS SETTLED OR BEEN DAMAGED BY CONSTRUCTION VEHICLES TO MATCH EXISTING CONDITIONS. MAINTAIN TRACK PROTECTION MATERIAL AT ALL TIMES. REPAIR AND/OR REPLACE IF MATERIAL BECOMES INEFFECTIVE AS DIRECTED BY THE CONSTRUCTION MANAGER / ARCHITECT

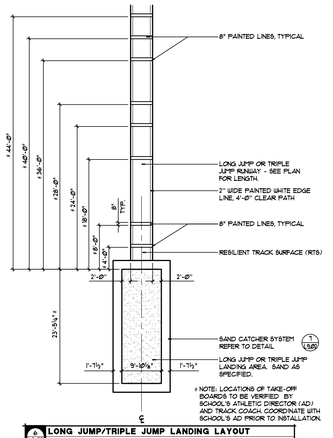
TRACK PROTECTION DETAIL
SECTION • NOT TO SCALE — 3230-215

© APPEL OSBORNE LANDSCAPE ARCHITECTURE



COMMUNICATIONS BOX W/ COVER = CMB
SECTION • NOT TO SCALE — 3230-210

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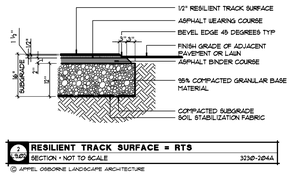


NOTE: LOCATIONS OF TAKE-OFF BOARDS TO BE VERIFIED BY SCHOOL'S ATHLETIC DIRECTOR (AD) AND TRACK COACH. COORDINATE WITH SCHOOL'S AD PRIOR TO INSTALLATION.

LONG JUMP/TRIPLE JUMP LANDING LAYOUT
PLAN • NOT TO SCALE — 3230-207A

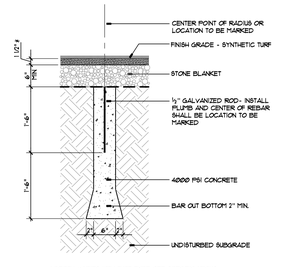
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ALT SC-01



RESILIENT TRACK SURFACE = RTS
SECTION • NOT TO SCALE — 3230-204A

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DEPTH VARIES WITH TURF TYPE, SEE SPECIFICATIONS

SUBSURFACE LOCATION MONUMENT = LM
SECTION • NOT TO SCALE — 275-5068A

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king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBER:
D: SR HIGH SCHOOL: **03-11-01-06-0-010-030**

appel osborne landscape architecture
100 West Division Street, Suite 100
Syracuse, NY 13204 | (315) 474-1022

REGISTERED LANDSCAPE ARCHITECT — TIMOTHY MICHAEL JEANNEY — 002001 — STATE OF NEW YORK

Registration current through: 9/30/2025

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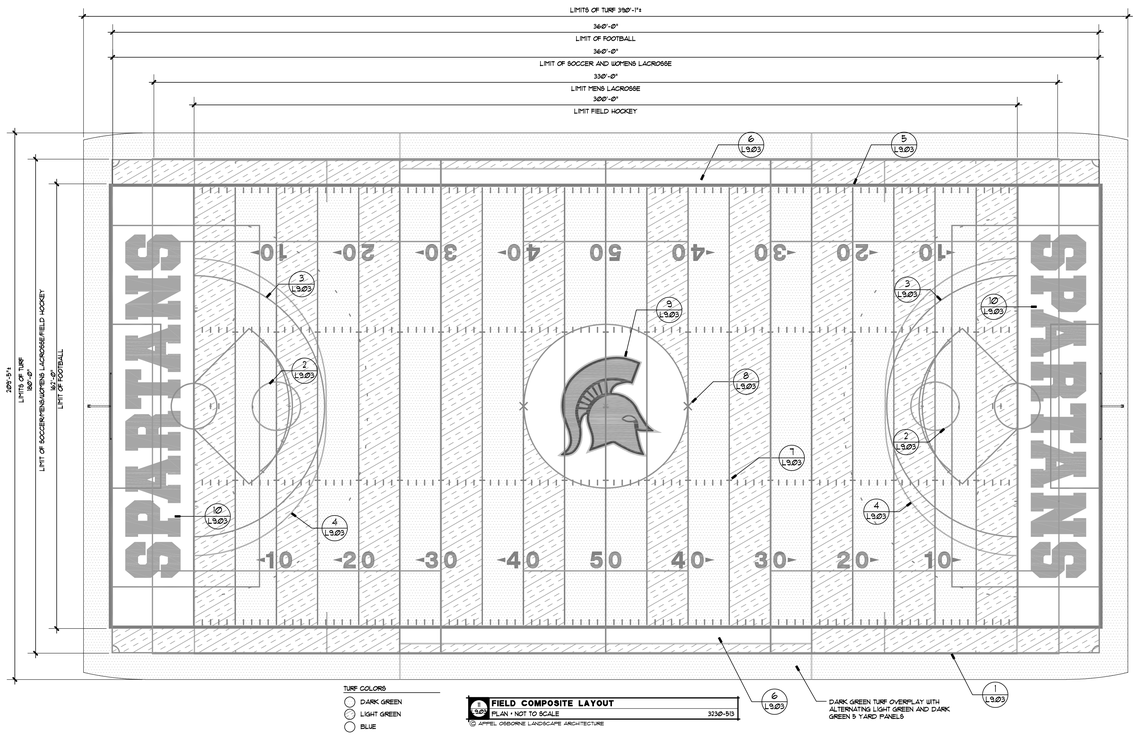
MARK	DATE	DESCRIPTION

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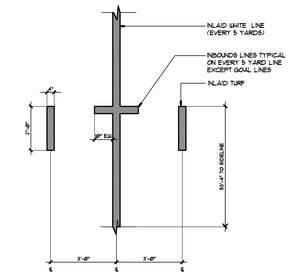
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DRAWN BY: **BM / AP**
SCALE: **AS NOTED**
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SITE DETAILS

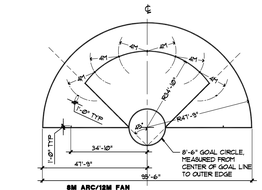
D L9.02

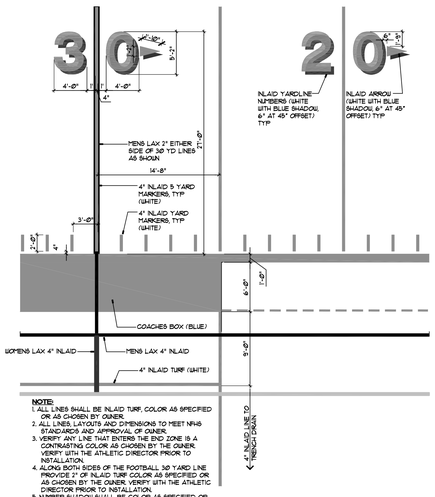


FIELD COMPOSITE LAYOUT
PLAN • NOT TO SCALE 3230-513
© APPEL OSBORNE LANDSCAPE ARCHITECTURE

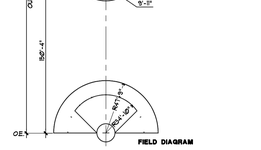


INBOUND LINE DETAIL
PLAN • NOT TO SCALE 3230-506D
© APPEL OSBORNE LANDSCAPE ARCHITECTURE

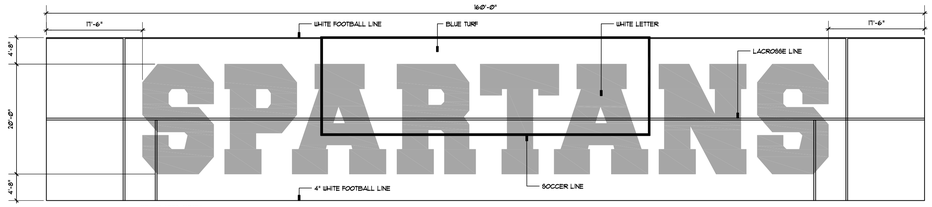




SIDE LINES DETAIL WITH COACHES BOX
PLAN • NOT TO SCALE 3230-506B
© APPEL OSBORNE LANDSCAPE ARCHITECTURE

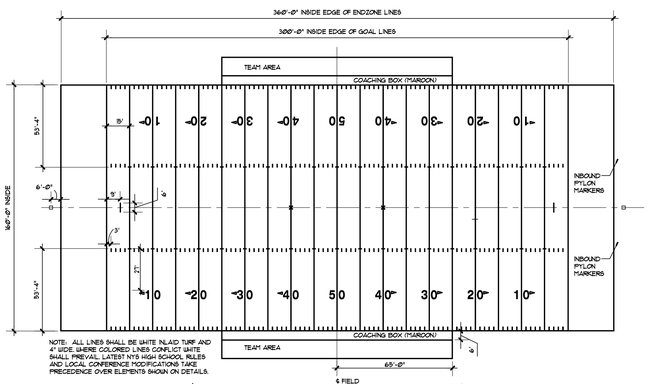


WOMEN'S LACROSSE LAYOUT
PLAN • NOT TO SCALE 3230-509
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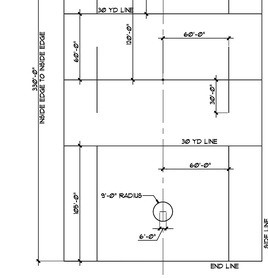


ENDZONE LAYOUT
PLAN • NOT TO SCALE 3230-506F
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COLORS
WHITE

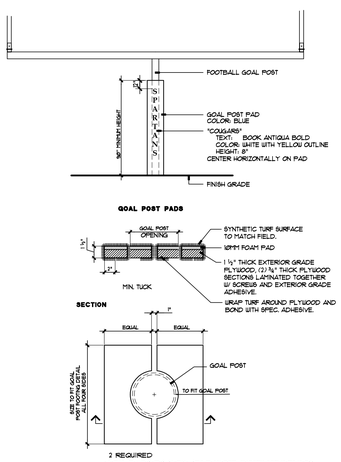


FOOTBALL FIELD LAYOUT
PLAN • NOT TO SCALE 3230-506A
© APPEL OSBORNE LANDSCAPE ARCHITECTURE



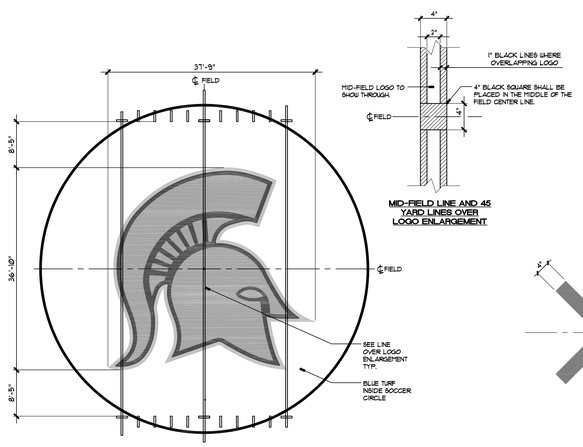
NOTES: 1. ALL 4" WIDE, NLAID TURF EXCEPT 30 YARD LINES WHICH SHALL BE 2" NLAID TURF ALONG BOTH SIDES OF THE FOOTBALL 30YD LINE
2. ALL LINES, LAYOUTS, COLORS AND DIMENSIONS TO MEET NFHS STANDARDS AND APPROVAL OF OWNER

MENS LACROSSE FIELD
PLAN • NOT TO SCALE 3230-508
© APPEL OSBORNE LANDSCAPE ARCHITECTURE



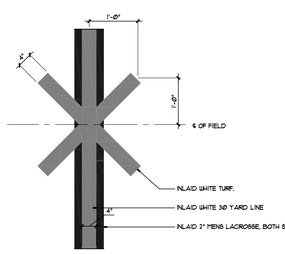
NOTE: DIMENSIONS SHOWN ARE PLYWOOD EXCEPT FOR TURF TUCK.

GOAL POST FOOTING COVER AND GOAL POST PAD
SECTION • NOT TO SCALE 3230-506H
© APPEL OSBORNE LANDSCAPE ARCHITECTURE

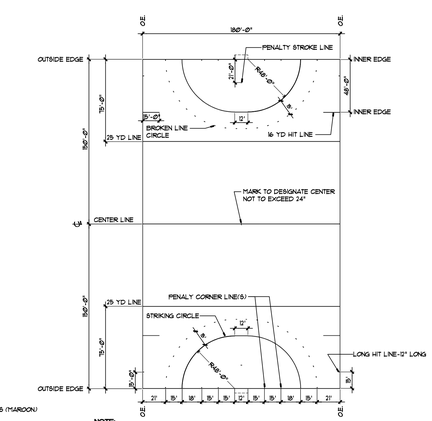


MID-FIELD LOGO DETAIL
PLAN • NOT TO SCALE 3230-506G
© APPEL OSBORNE LANDSCAPE ARCHITECTURE

COLORS
BLUE
YELLOW
WHITE

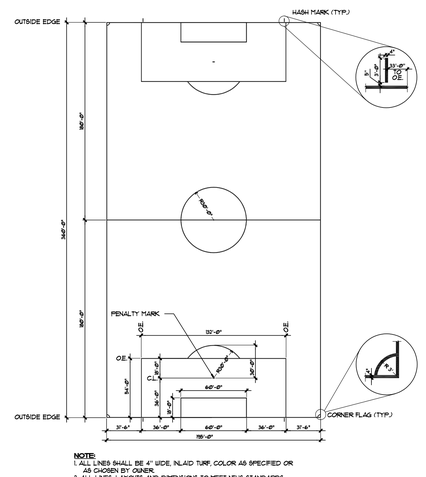


KICK-OFF MARKER
PLAN • NOT TO SCALE 3230-506C
© APPEL OSBORNE LANDSCAPE ARCHITECTURE



NOTE:
1. ALL LINES SHALL BE 3" WIDE, NLAID TURF, COLOR AS SPECIFIED OR AS CHOSEN BY OWNER.
2. ALL LINES, LAYOUTS AND DIMENSIONS TO MEET NFHS STANDARDS AND APPROVAL OF OWNER.

FIELD HOCKEY
PLAN • NOT TO SCALE 3230-510
© APPEL OSBORNE LANDSCAPE ARCHITECTURE



NOTE:
1. ALL LINES SHALL BE 4" WIDE, NLAID TURF, COLOR AS SPECIFIED OR AS CHOSEN BY OWNER.
2. ALL LINES, LAYOUTS AND DIMENSIONS TO MEET NFHS STANDARDS AND APPROVAL OF OWNER.
3. VERIFY ANY LINE THAT ENTERS THE END ZONE IS A CONTRASTING COLOR AS CHOSEN BY THE OWNER. VERIFY WITH THE ATHLETIC DIRECTOR PRIOR TO INSTALLATION.

SOCCER FIELD
PLAN • NOT TO SCALE 3230-507
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king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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750 FARM TO MARKET ROAD
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBER:
D: SR HIGH SCHOOL: 03-11-01-06-0-010-030

appel osborne landscape architecture
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Syracuse, NY 13202 | (315) 476-1822

REGISTERED LANDSCAPE ARCHITECT
CARY MICHAEL JENNER
002097
STATE OF NEW YORK

Registration current through: 9/30/2025

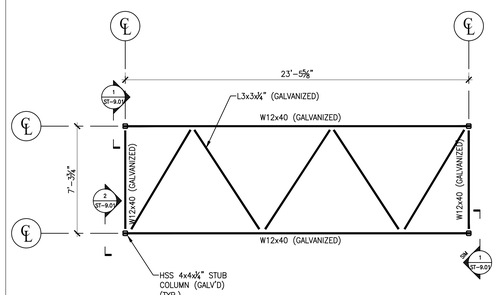
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DRAWING TITLE:

SITE DETAILS

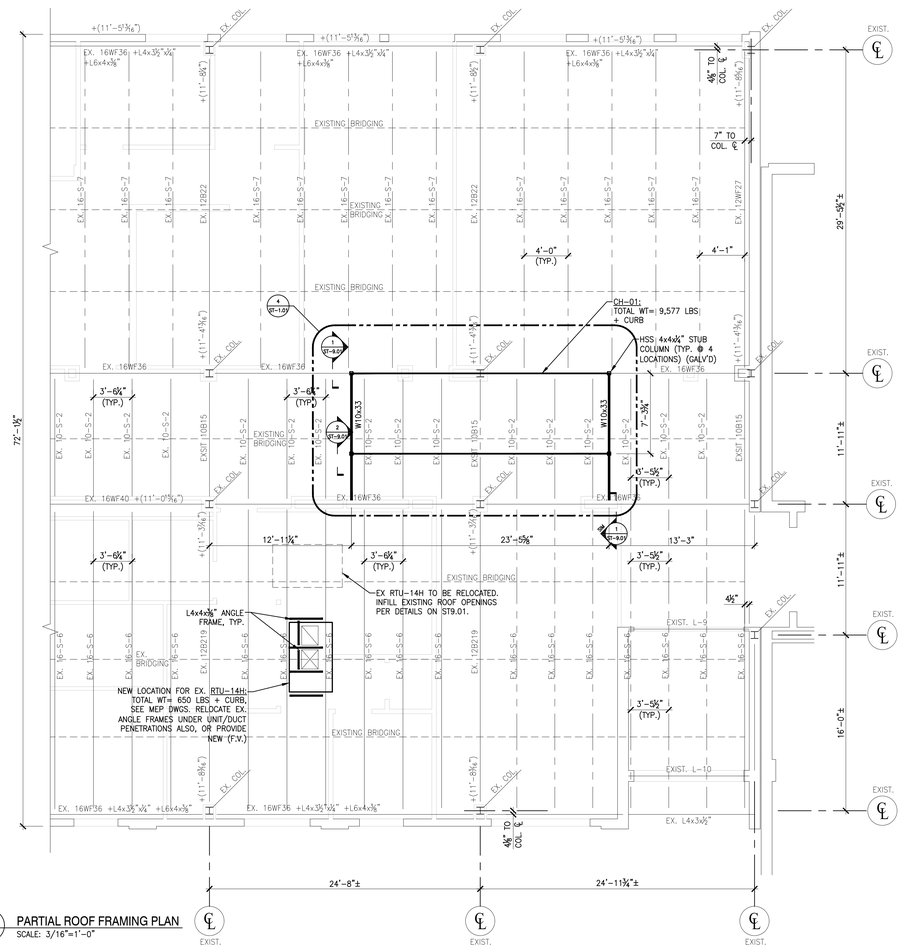
D L9.03



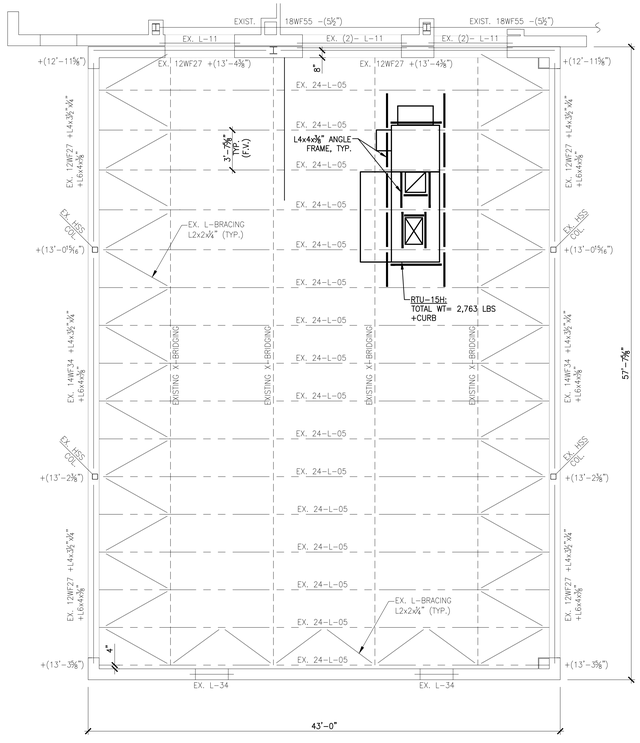
4 ST1.01 **CHILLER DUNNAGE FRAMING PLAN**
SCALE: 1/4"=1'-0"

NOTES:

1. T/STEEL ELEV AT DUNNAGE FRAME: +(2'-0") ABOVE EX ROOF T/STEEL ELEV.



3 ST1.01 **PARTIAL ROOF FRAMING PLAN**
SCALE: 3/16"=1'-0"



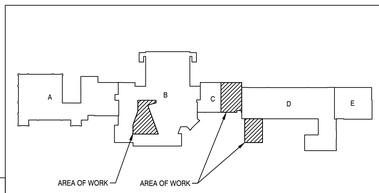
2 ST1.01 **PARTIAL ROOF FRAMING PLAN**
SCALE: 3/16"=1'-0"

1 ST1.01 **PARTIAL ROOF FRAMING PLAN**
SCALE: 3/16"=1'-0"

1. TOP OF EXISTING STEEL AT FINISH ROOF ELEVATION: AS NOTED ON PLANS FROM TOP OF FINISHED MAIN FLOOR, F.V.
2. TYPICAL EXISTING ROOF CONSTRUCTION: ± 2" GYPSUM INSULROCK ROOF DECK, F.V.
3. SEE MECH AND ARCH DWGS FOR SIZE AND LOCATION OF ALL OPENINGS.
4. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK IN AREA. FIELD VERIFY THAT ALL DUCT PENETRATIONS WILL FIT BETWEEN EXISTING JOISTS/BEAMS PRIOR TO START OF WORK.
5. FOR TYPICAL DETAILS, SEE DRAWING ST-9.01.
6. DASHED LINES SHOWN THUS — — — INDICATES HORIZONTAL JOIST BRIDGING.
7. DASHED LINES SHOWN THUS ⩔ INDICATES DIAGONAL JOIST BRIDGING.
8. PROVIDE L4x4x⅜" ANGLE FRAMES AROUND ALL UNIT CURB PERIMETERS AND ALL ROOF OPENING PENETRATIONS. COORDINATE W/ MEP DWGS.
9. RELOCATE EXISTING JOIST BRIDGING AS REQUIRED FOR NEW DUCT RUNS. EXISTING X-BRIDGING CAN BE MODIFIED INTO HORIZONTAL BRIDGING IF NEEDED.

DESIGN CRITERIA

1. GOVERNING BUILDING CODE: BUILDING CODE OF NEW YORK STATE, 2020 AND ALL SUBSEQUENT REVISIONS.
2. CLASSIFICATION OF BUILDING (NYSBC TABLE 1604.5): III
3. DESIGN LOADS:
   - A. GROUND FLOOR LIVE LOAD: 100 PSF, ROOF COLATERIAL LOAD: 3 PSF
   - B. SNOW LOAD:
     1. GROUND SNOW LOAD, Pg: 40 PSF
     2. FLAT ROOF SNOW LOAD, Pf: 30 PSF
     3. SNOW EXPOSURE COEFFICIENT, Ce: 1.0
     4. SNOW LOAD IMPORTANCE FACTOR, Is: 1.1
     5. THERMAL FACTOR, Ct: 1.0
   - C. WIND LOAD:
     1. BASIC WIND SPEED: 115 MPH
     2. WIND IMPORTANCE FACTOR, Iw: 1.0
     3. WIND EXPOSURE: C
     4. INTERNAL PRESSURE COEFFICIENT, GCpi: ± 0.18
     5. COMPONENTS AND CLADDING DESIGN PRESSURE: +17.63 & -23.50 PSF
   - D. SEISMIC LOAD:
     1. SEISMIC USE GROUP: 1
     2. SEISMIC IMPORTANCE FACTOR, Ie = 1.25
     3. SPECTRAL RESPONSE COEFICIENTS: Ss: 0.114, S1: 0.045; Sds: 0.122, Sd1: 0.072
     4. SITE CLASS: D
     5. SEISMIC DESIGN CATEGORY: B
     6. RESISTING SYSTEM: STEEL DIAGONAL BRACING
     7. ANALYSIS PROCEDURE: SIMPLIFIED ANALYSIS
     8. DESIGN BASE SHEAR: 5K ±
     9. RESPONSE MODIFICATION FACTOR, R = 2



PROJECT NORTH

KEY PLAN

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PHONE: (315) 488-3550

S & A PROJECT No. 25-7287

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030



LICENSE EXPIRATION DATE: 09/30/2026

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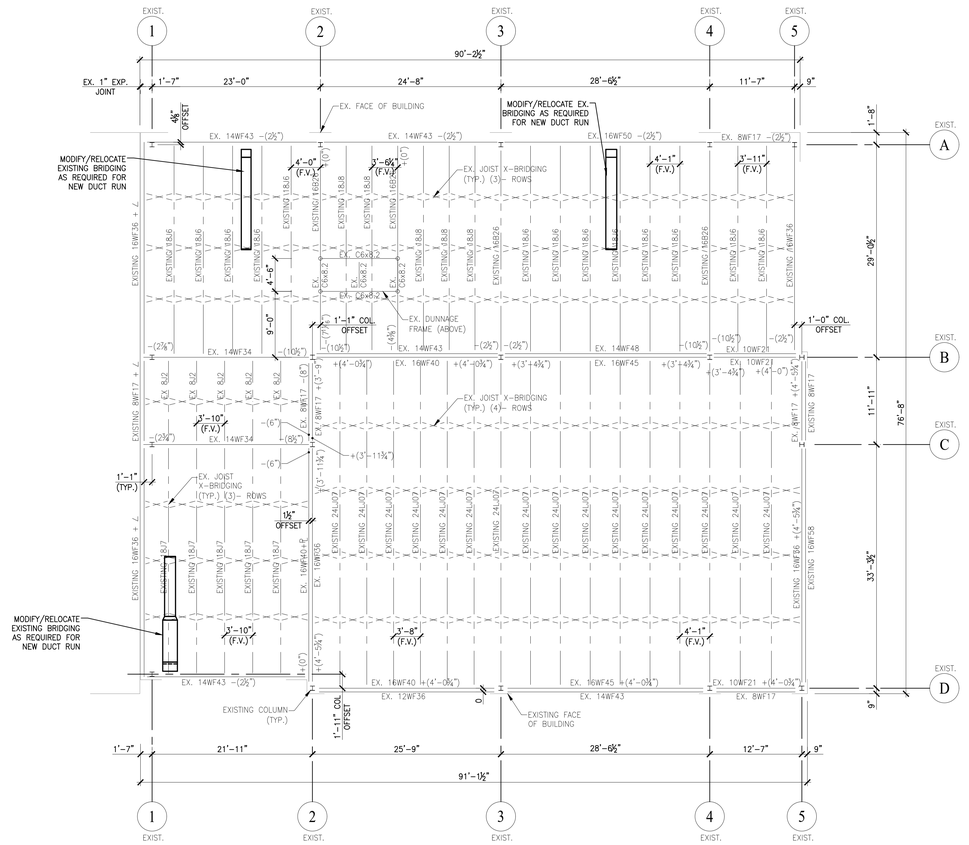
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SCALE: **Sheet Scale**

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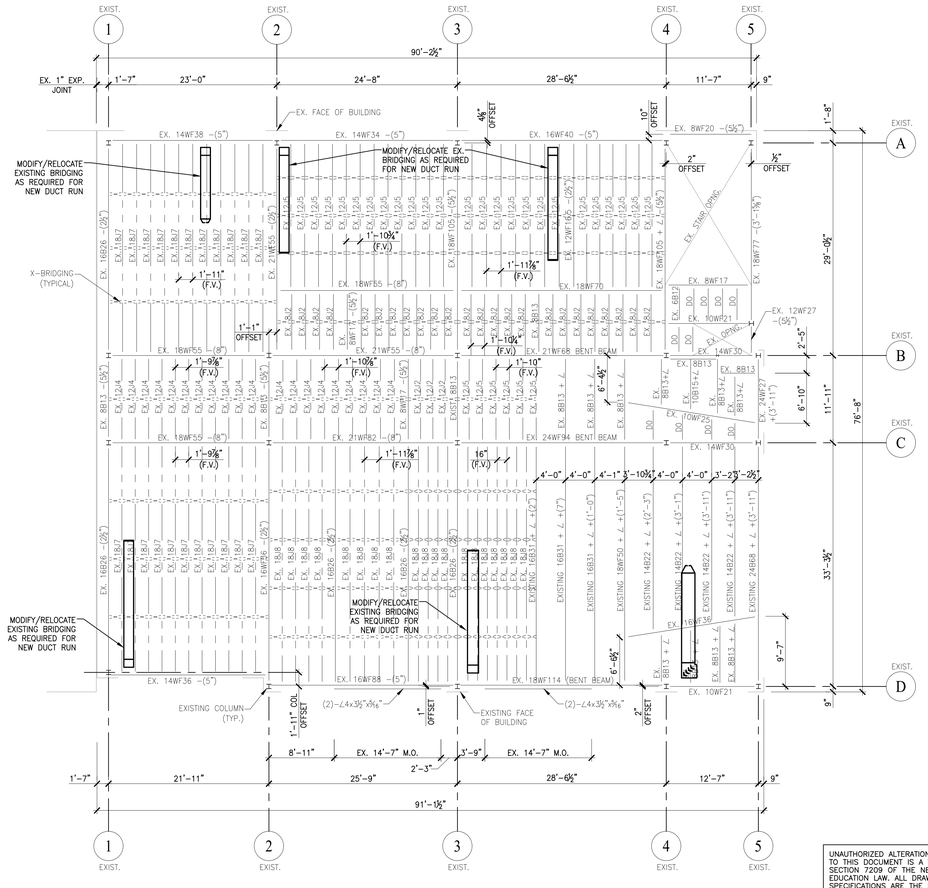
PARTIAL ROOF FRAMING PLANS

D ST1.01



2 ST1.02 **PARTIAL ROOF FRAMING PLAN**
SCALE: 1/4"=1'-0"

1. TOP OF EXISTING STEEL ELEVATION: 1004'-11⅜" OR AS NOTED (+) OR (–) THEREFROM ON PLANS.
2. SEE MECH AND ARCH DWGS FOR SIZE AND LOCATION OF ALL DUCT RUNS.
3. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK IN AREA. FIELD VERIFY THAT ALL DUCT PENETRATIONS WILL FIT BETWEEN EXISTING JOISTS/BEAMS PRIOR TO START OF WORK.
4. FOR TYPICAL DETAILS, SEE DRAWING ST-9.01.
5. DASHED LINES SHOWN THUS — — — INDICATES HORIZONTAL JOIST BRIDGING.
6. DASHED LINES SHOWN THUS ⋛⋚ INDICATES DIAGONAL JOIST BRIDGING.
7. RELOCATE EXISTING JOIST BRIDGING AS REQUIRED FOR NEW DUCT RUNS. EXISTING X-BRIDGING CAN BE MODIFIED INTO HORIZONTAL BRIDGING IF NEEDED.



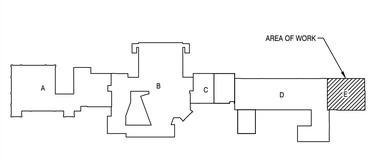
1 ST1.02 **PARTIAL 2ND FLOOR FRAMING PLAN**
SCALE: 1/4"=1'-0"

1. TOP OF CONCRETE AT FINISH FLOOR ELEVATION, FFE: 993'-3⅝" UNLESS NOTED OTHERWISE ON PLAN, UNO.
2. TOP OF STEEL ELEVATION, TOS: MEASURED (+) OR (–) FROM FINISH FLOOR ELEVATION (F.V.)
3. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK. VERIFY ALL NEW MECHANICAL DUCTS WILL FIT BETWEEN EXISTING JOISTS PRIOR TO START OF WORK. COORDINATE DUCT LOCATIONS WITH MEP. DRAWINGS.
4. RELOCATE EXISTING JOIST BRIDGING AS REQUIRED FOR NEW DUCT RUNS. EXISTING X-BRIDGING CAN BE MODIFIED INTO HORIZONTAL BRIDGING IF NEEDED.
5. DASHED LINES SHOWN THUS — — — INDICATES HORIZONTAL JOIST BRIDGING.
6. DASHED LINES SHOWN THUS ⋛⋚ INDICATES DIAGONAL JOIST BRIDGING.

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S & A PROJECT No. 25-7287



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

STATE OF NEW YORK — JOSEPH M. GIANNINI — 091469 — LICENSED PROFESSIONAL ENGINEER

LICENSE EXPIRATION DATE: 09/30/2026

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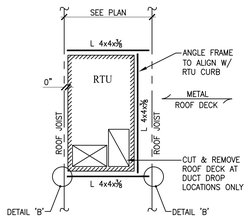
DRAWN BY: JGL

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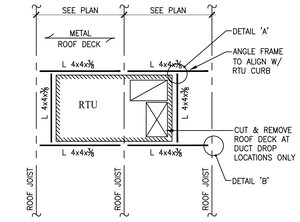
PARTIAL ROOF + FLOOR FRAMING PLANS

D ST1.02



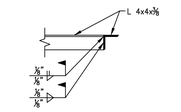
TYP RTU SUPPORT PLAN - UNIT PARALLEL TO JOISTS

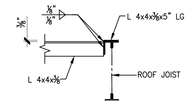
1. FINAL SIZE OF RTU TO BE PROVIDED BY THE MECHANICAL CONTRACTOR.
2. THE GC, STEEL CONTRACTOR & MECHANICAL CONTRACTOR MUST COORDINATE THE LOCATION OF THE DECK CUTS & SUPPORT FRAME PRIOR TO THE START OF WORK.
3. ADD PT 2x4 WOOD BLOCKING BETWEEN TOP OF ANGLE & U/S OF METAL DECK FLUTE WHEN ANGLE & DECK SPANS ARE PARALLEL.



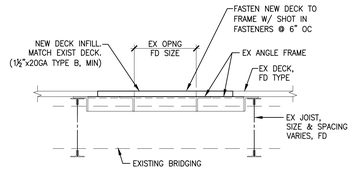
TYP RTU SUPPORT PLAN - UNIT PERPENDICULAR TO JOISTS

1. FINAL SIZE OF RTU TO BE PROVIDED BY THE MECHANICAL CONTRACTOR.
2. THE GC, STEEL CONTRACTOR & MECHANICAL CONTRACTOR MUST COORDINATE THE LOCATION OF THE DECK CUTS & SUPPORT FRAME PRIOR TO THE START OF WORK.



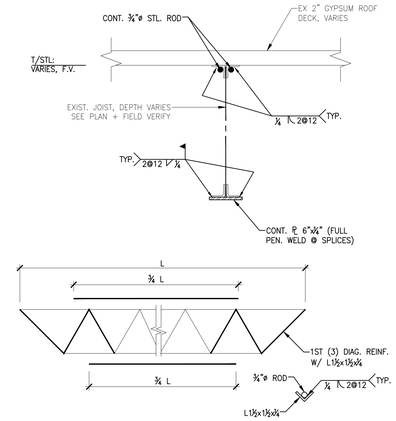


7 ST9.01 TYPICAL RTU SUPPORT PLANS + DETAILS
SCALE: N.T.S.

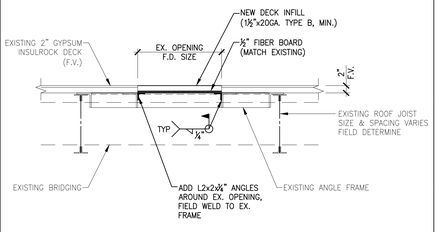


NOTE:
1. FIELD VERIFY EXISTING SIZE & LOCATION OF ALL EXISTING ROOF OPENINGS TO BE INFILLED.
2. LAP NEW ROOF DECK (4" MIN.) w/ ADJACENT STRUCTURE.
3. MATCH NEW ROOF DECK w/ EXISTING ROOF DECK IF POSSIBLE.
4. AFFIX NEW DECK TO EXIST. STRUCTURE w/ ⅝"ø PUDDLE WELDS OR HILTI X-E DIRECT DECK FASTENERS. SUBMIT PRODUCT FOR APPROPRIATE BASE STRUCTURE THICKNESS IF PUDDLE WELDS ARE NOT USED.
5. #10 TEK SIDELAPS @ 30" O.C. MIN. (2) PER SPAN & (1) AT SUPPORTS.

6 ST9.01 TYPICAL ROOF DECK INFILL DETAIL - METAL DECK
SCALE: N.T.S.

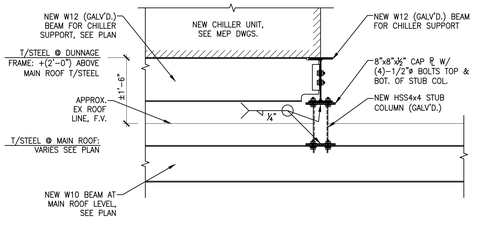


3 ST9.01 TYPICAL JOIST REINF. DETAIL
SCALE: N.T.S.



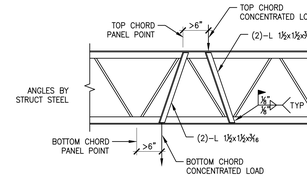
NOTE: VERIFY WITH MECH CONTRACTOR FOR MECH OPNGS AND VERIFY WITH ARCH DWGS FOR ROOF HATCHES. USE AT ROOF DRAIN LOCATIONS ALSO. ALL ROOF OPNGS LARGER THAN 6" ROUND OR 6" SQUARE REQUIRE A FRAMED OPNG, UNO.

5 ST9.01 TYPICAL ROOF DECK INFILL DETAIL - GYPSUM DECK
SCALE: N.T.S.

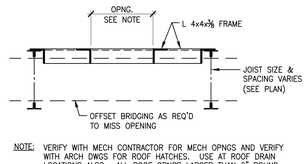


NOTE: USE BOLTED CONNECTIONS FOR ALL CONNECTIONS OF GALVANIZED STEEL MEMBERS. COORDINATE CHILLER CONNECTION LOCATIONS AND ALIGNMENTS WITH MANF. DWGS.

2 ST9.01 DUNNAGE FRAME DETAIL
SCALE: 3/4"=1'-0"

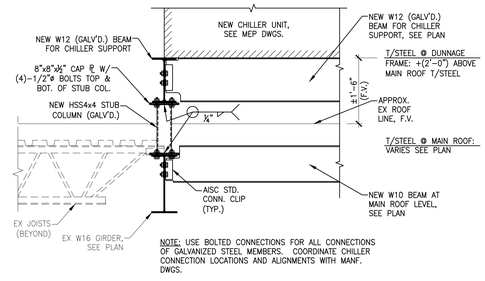


8 ST9.01 TYPICAL JOIST REINF. DETAIL AT CONCENTRATED LOADS
SCALE: N.T.S.



NOTE: VERIFY WITH MECH CONTRACTOR FOR MECH OPNGS AND VERIFY WITH ARCH DWGS FOR ROOF HATCHES. USE AT ROOF DRAIN LOCATIONS ALSO. ALL ROOF OPNGS LARGER THAN 6" ROUND OR 6" SQUARE REQUIRE A FRAMED OPNG, UNO.

4 ST9.01 TYPICAL ROOF OPENING DETAIL
SCALE: N.T.S.



NOTE: USE BOLTED CONNECTIONS FOR ALL CONNECTIONS OF GALVANIZED STEEL MEMBERS. COORDINATE CHILLER CONNECTION LOCATIONS AND ALIGNMENTS WITH MANF. DWGS.

1 ST9.01 DUNNAGE FRAME DETAIL
SCALE: 3/4"=1'-0"

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S & A PROJECT No. 25-7287

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

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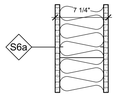
SECTIONS & DETAILS

D ST9.01

PARTITION TYPES

GENERAL NOTES:

1. **ALL NEW PARTITIONS ARE DIMENSIONED FROM FACE OF STEEL STUD OR FACE OF BLOCK, UNLESS OTHERWISE NOTED.**
2. **ALL STEEL STUDS SHALL HAVE 1 LAYER GPDW EACH SIDE, UNLESS NOTED OTHERWISE.**
3. **EXTEND ALL PARTITIONS, STUDS, AND GPDW TO DECK ABOVE, UNLESS NOTED OTHERWISE.**
4. ALL DRYWALL TO BE 5/8" THICK, UNLESS NOTED OTHERWISE.
5. WHERE UNBALANCED DRYWALL SYSTEM IS USED, ADDITIONAL LAYER IS ON SYMBOL SIDE.
6. SEE SPECIFICATIONS FOR THICKNESS OF ACOUSTIC INSULATION.
7. SEE FINISH SCHEDULE FOR FINISHES INCLUDING PAINT, SPECIALTY COATINGS, TILE, VINYL WALL COVERINGS, ETC.
8. REFER TO CODE COMPLIANCE DRAWINGS FOR LOCATION OF RATED WALLS.
9. WHERE GPDW DOES NOT EXTEND FROM FLOOR TO DECK ON BOTH SIDES OF METAL STUD WALLS, PROVIDE STEEL CHANNEL AND CLIP ANGLE BRIDGING AS SPECIFIED AT 4'-0" MAXIMUM ON CENTER, FULL HEIGHT OF ASSEMBLY. WHERE STUD KNOCKOUTS DON'T ALIGN OR ARE BLOCKED BY OTHER CONSTRUCTION, PROVIDE METAL STRAPPING AS SPECIFIED ON BOTH FACES OF STUDS AT SAME SPACING.
10. AT DEFLECTION TRACK LOCATIONS OF RATED WALLS, PROVIDE CHANNEL AND CLIP BRIDGING OR STRAPPING AT 1'-0" MAXIMUM BELOW STRUCTURE ABOVE.

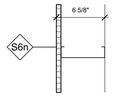


6" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ON BOTH SIDES

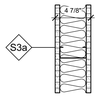
SOUND BATT INSULATION BETWEEN STUDS

STC: 44

UL RATING : UL-U465, 1-HOUR



6" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' TO 6" ABOVE CEILING ONE SIDE

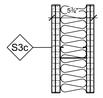


3 5/8" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ON BOTH SIDES

SOUND BATT INSULATION BETWEEN STUDS

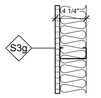
STC: 49

UL RATING: UL-U465, 1-HOUR



3 5/8" METAL STUDS
(2) LAYERS 1/2" GPDW TYPE 'X' ON ONE SIDE
(1) LAYER 1/2" GPDW TYPE 'X' AND (1) LAYER 5/8" GPDW TYPE "X" ONE SIDE

SOUND BATT INSULATION BETWEEN STUDS



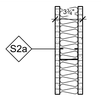
3 5/8" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ONE SIDE

SOUND BATT INSULATION BETWEEN STUDS

STC: 34



3 5/8" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' TO 6" ABOVE CEILING ONE SIDE



2 1/2" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ON BOTH SIDES

SOUND BATT INSULATION BETWEEN STUDS



2 1/2" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' TO 6" ABOVE CEILING ONE SIDE

DRAWING COORDINATE SYSTEM

THE DRAWING COORDINATE SYSTEM IS USED TO STANDARDIZE NUMBERING FROM DRAWING TO DRAWING AND FROM PROJECT TO PROJECT.

EACH SHEET SIZE IS BROKEN INTO COLUMNS AND ROWS STARTING AT THE BOTTOM LEFT CORNER OF THE SHEET. EACH QUADRANT IS NUMBERED ACCORTING TO ITS LOCATION ON THE GRID. THE ROW IS THE FIRST CHARACTER, AND IS ALWAYS A LETTER. THE COLUMN IS THE SECOND CHARACTER, AND IS ALWAYS A NUMBER.

ROWS	1	2	3	4	5	6
E	E1	E2	E3	E4	E5	E6
D	D1	D2	D3	D4	D5	D6
C	C1	C2	C3	C4	C5	C6
B	B1	B2	B3	B4	B5	B6
A	A1	A2	A3	A4	A5	A6

COLUMNS

ABBREVIATIONS

@ at
ACM asbestos containing material
ACT acoustical ceiling tile
AD access door
ADJ adjustable
AFF above finish floor
AL aluminum
ALT alternate
AP access panel
APPROX approximate
ARCH architect(ural)
ASSY assembly
AVG average
AWP acoustic wall panel

BD board
BLDG building
BLKG blocking
BM bench mark
BOT bottom
BO bottom of
BR bumper rail
BS backsplash/both sides
BSMT basement
BUR built-up roof

C courses
C/L center line
CB chalkboard
CC cubical curtain
CFMF cold form metal framing
CFT cubic foot
CG corner guard
CJ control joint
CL closet
CLG ceiling
CLR clear
CMT ceramic mosaic tile
CMU concrete masonry unit
COL column
CONC concrete
CONST construction
CONT continue or continuous
CONV convector
COORD coordinate
CPT carpet
CSWK casework
CT ceramic tile
CTR counter
CW curtainwall
CWT ceramic wall tile
CYD cubic yard

DF drinking fountain
DHW domestic hot water
DIA diameter
DIM dimension
DN down
DIV division
DPCO deck plate clean out
DR door
DTL or DET detail
DWG drawing

E east
EA each
EB expansion bolt
EF exhaust fan
EIFS exterior insulation finish system
EL or ELEV elevation
ELEC electric
ENGR engineer
EPDM ethylene propylene dienemonomer
EQ equal
EQP, EQUIP equipment
ETC etcetera
EWC electric watercooler
EJ expansion joint
EXCA excavation
EXG existing
EXP expansion
EXT exterior

FAB fabric
FD floor drain
FE fire extinguisher
FEC fire extinguisher cabinet
FF finish floor
FIN finish
FIN FLR finished floor
FLG flashing
FLR floor
FND foundation
FO face of
FP fireproof
FR fire rated
FRG fire rated glass
FRP fiber reinforced panel
FSTN fasten
FTG footing
FUR furred
FWC fabric wall covering

GA gauge
GB grab bar
GCT glazed ceramic tile
GD, GR grade
GL glass
GPDW gypsum drywall
GV or GALV galvanized
GWT glazed wall tile
GYP gypsum

HM hollow metal
HORIZ horizontal
HPC high performance coating
HR hour
HT, HGT height
HVAC heating, ventilating & air conditioning
HW hardware
HWD hardwood

ID inside diameter
IG insulating glass
INS, INSUL insulation
INT interior
INV invert
ITFG insulated temp. float glass
INFO information
IWB interactive white board

JST joist
JC, JAN janitor's closet
JT joint

KP kickplate

LIN linolium
LKR locker
LOC location
LLH long leg horizontal
LLV long leg vertical

MAS masonry
MAX maximum
MB markerboard
MECH mechanical
MEMB membrane
MEJ masonry expansion joint
MET metal
MFR manufacture(er)(ed)
MIL 1/1000"
MIN minimum
MISC miscellaneous
MO masonry opening
MS machine screw
MT, MTD mount(ed)
MTG mounting
MTL material

NO, # number
N north
NAT natural
NIC not in contract
NOM nominal
NTS not to scale

OC on center
OD outside diameter
OFCI owner furnished,contractor installed
OH opposite hand
OHD overhead door
OPG opening
OPP opposite

PAR parallel
PC piece
PCC precast concrete
PCT porcelain tile
PREFAB prefabricated
PFN prefinished
PLAM plastic laminate
PLAS plaster
PLMB plumbing(er)
PL plate
PNL panel
PT paint
PR pair
PT pressure treated
PRF preformed
PSI pounds per square inch
PWD, PLYWD plywood

QT quarry tile

RAD radius
RB rubber base
RD roof drain
RE reinforce(ed)(ing)
REF reference
REQ'D required
REV revision(s), revised
RFT rubber floor tile
RFG roofing
RM room
RO rough opening
RSF resilient sports flooring
RSL rubber stair landings
RSR rubber stair risers
RST rubber stair treads
RT rubber tile
RWC rainwater conductor

S south
SC stained concrete
SCH, SCHED schedule
SECT section
SFCMU split face cmu
SF, SQFT square foot
SGT structural glazed facing tile
SHT sheet
SHTG sheathing
SIM similar
SIN, SQIN square inch
SK sink
SPEC specification
SQ square
SS solid surface
SST stainless steel
ST steel
STA station
STD standard
STF stiffener
STN Stain
STOR storage
STRUCT structural
SUSP suspend(ed)
SVF sheet vinyl flooring
SY, SQYD square yard

T tread
TB tackboard
T&B top and bottom
T&G tongue and groove
TEMP temperature
TERR, TZ terrazzo
TH, THK thick(ness)
THD threshold
TLT, TOIL toilet
TO top of
TOC, T/C top of concrete
TOF, T/F top of footing
TOJ top of joist
TOM top of masonry
TOS top of steel
TOW top of wall
TP translucent panel
TPO thermoplastic polyolefin
TYP typical

UL Underwriter's Laboratories, Inc.
UNO unless noted otherwise

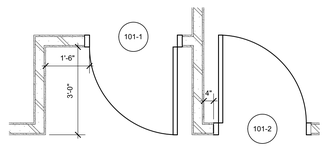
VAT vinyl asbestos tile
VB vapor barrier
VCT vinyl composition tile
VERT vertical
VEST vestibule
VIF verify in field
VWF vinyl wall fabric
VIN vinyl
VWC vinyl wall covering

W wide, width
W/ with
W/O without
WCV wall covering
WD wood
WDV wood veneer finish
WI wrought iron
WIN window
WS waterstop or weatherstripping
WP wall protection
WSCT wainscot
WT weight
WWM welded wire mesh

REFLECTED CEILING SYMBOLS

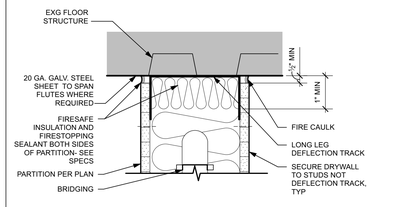
- ACOUSTIC CEILING SYSTEM, 2X4 OR 2X2 AS SHOWN ON DRAWING
- DRYWALL/PLASTER
- DOWNLIGHT
- 2X2 LIGHT FIXTURE
- 2X4 LIGHT FIXTURE
- 1X4 LIGHT FIXTURE
- DOWNLIGHT/EMERGENCY
- 2X2 FIXTURE/EMERGENCY
- 2X4 FIXTURE/EMERGENCY
- EXIT LIGHT/CEILING MT.
- EXIT LIGHT/WALL MT.
- LIGHT STRIP
- WALL SCONCE
- PENDANT FIXTURE
- SPEAKER
- TV OUTLET
- OCCUPANCY SENSOR
- FIRE DETECTOR
- HVAC SUPPLY DIFFUSER
- HVAC RETURN GRILLE
- CURTAIN TRACK

TYPICAL DOOR DIMENSIONS

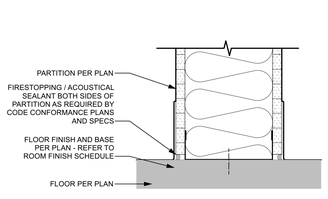


MATERIAL INDICATION

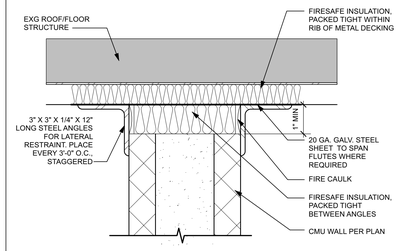
- ACOUSTIC TILE
- ALUMINUM
- BRICK
- CERAMIC TILE
- CONCRETE
- CONCRETE BLOCK
- DRYWALL CEILING
- EARTH (UNDISTURBED)
- EARTH (DISTURBED)
- GLASS
- GLAZED STRUCTURAL TILE
- GRAVEL
- GYPSUM DRYWALL
- LIGHT WEIGHT CONCRETE
- METAL STUD PARTITION
- PATCHING
- PLASTER
- PLYWOOD
- RIGID INSULATION
- STEEL
- WOOD BLOCKING
- WOOD SHIM
- WOOD FINISHED
- EXISTING CONSTRUCTION



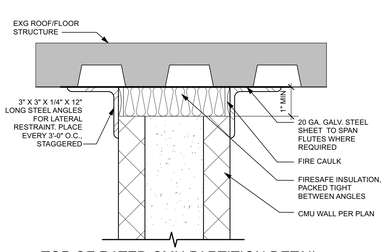
B2 / D A0.00 TOP OF RATED STUD PARTITION DETAIL
Scale: 3" = 1'-0"



B4 / D A0.00 BOTTOM OF RATED STUD PARTITION DETAIL
Scale: 3" = 1'-0"

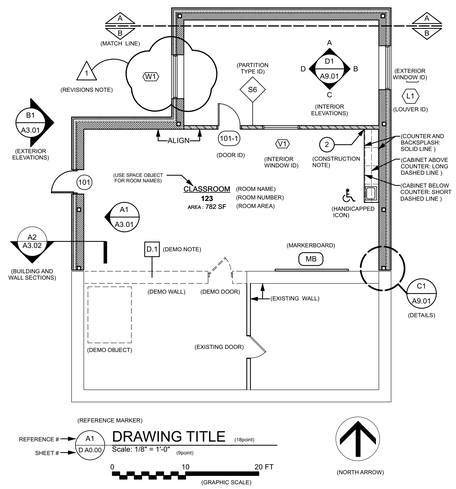


A2 / D A0.00 TOP OF RATED CMU PARTITION DETAIL (RIBS OF DECK PERPENDICULAR)
Scale: 3" = 1'-0"



A4 / D A0.00 TOP OF RATED CMU PARTITION DETAIL (RIBS OF DECK PARALLEL)
Scale: 3" = 1'-0"

GRAPHIC SYMBOLS



MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT
KENNY B. TARR
037544
STATE OF NEW YORK

License Expiration Date: 5/31/2026

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MARK	DATE	DESCRIPTION
	09/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

LEGEND, SYMBOLS AND DETAILS

D A0.00

GENERAL DEMOLITION NOTES

GN-1 THESE GENERAL NOTES APPLY TO EXISTING SPACES AND BUILDING CONSTRUCTION AFFECTED BY THE WORK.

GN-2 THE GENERAL CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 011100 "SUMMARY OF WORK" FOR A GENERAL DESCRIPTION OF THE SCOPE OF WORK.

GN-3 THE GENERAL CONTRACTOR SHALL REFER TO SPECIFICATION SECTION 017329 "CUTTING & PATCHING" FOR DETERMINING RESPONSIBILITY OF CUTTING AND PATCHING OF EXISTING AND/OR NEW WALLS, FLOORS, ROOFS, ETC. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR REVIEWING AND COORDINATING WITH HVAC, ELECTRICAL, PLUMBING, AND ROOFING DRAWINGS FOR ANY ADDITIONAL DEMOLITION WORK ASSOCIATED WITH CUTTING & PATCHING.

GN-4 PENETRATIONS, OPENINGS, CHASES, ETC. FOR MECHANICAL, PLUMBING, ELECTRICAL, AND ROOFING WORK ARE SHOWN FOR COORDINATION PURPOSES ONLY. DIMENSIONS AND LOCATIONS MUST BE VERIFIED AND COORDINATED WITH OTHER TRADES PRIOR TO CONSTRUCTION.

GN-5 SEAL ALL OPENINGS CAUSED BY REMOVAL OF EXTERIOR DOORS, WINDOWS, WALLS, ETC., AT THE END OF EACH SHIFT WITH SECURELY ANCHORED PLYWOOD CLOSURES UNTIL PERMANENT CLOSURES ARE INSTALLED.

GN-6 ALL EXISTING STRUCTURE, FINISHES, AND EQUIPMENT TO REMAIN SHALL BE PROTECTED FROM DAMAGE. EXISTING STRUCTURE, FINISHES, AND EQUIPMENT DAMAGED OR REMOVED DUE TO DEMOLITION OR NEW WORK SHALL BE REPAIRED AND/OR PATCHED WITH MATCHING CONSTRUCTION AND FINISHES.

GN-7 REFER TO DRAWING D/A0.00 FOR SYMBOLS THAT APPLY TO THIS SHEET AS WELL AS DEMOLITION DRAWINGS.

GN-8 THE DEMOLITION DRAWINGS ARE INTENDED AS A SUMMARY OF THE DEMOLITION, BUT MAY NOT REPRESENT ALL OF THE DEMOLITION REQUIRED TO COMPLETE THE WORK. THE DEMOLITION DRAWINGS AND THE REMAINDER OF THE CONSTRUCTION DOCUMENTS ARE COMPLIMENTARY, AS ADDITIONAL INFORMATION REQUIRED TO COMPLETE THE DEMOLITION MAY BE INDICATED THROUGHOUT.

GN-9 DEMOLITION REQUIRED TO COMPLETE THE WORK, BUT NOT INDICATED, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR COMPLETING THAT WORK.

GN-10 DEMOLITION OF MECHANICAL, ELECTRICAL, AND PLUMBING ELEMENTS REQUIRED BY THE GENERAL DEMOLITION, BUT NOT INDICATED, SHALL BE COMPLETED BY THE APPROPRIATE TRADE CONTRACTORS. EACH TRADE CONTRACTOR SHALL COORDINATE THEIR DEMOLITION WITH EACH OTHER AND WITH THE SCOPE OF THE FINISHED WORK.

GN-11 WHERE NEW FINISHES ARE TO BE APPLIED, REMOVE ABANDONED , NON-FUNCTIONING ITEMS, SUCH AS SURFACE MOUNTED CONDUIT, RACEWAYS, JUNCTION BOXES, CLIPS, BRACKETS, FASTNERS, ETC. MECHANICAL, ELECTRICAL, AND PLUMBING ELEMENTS SHALL BE REMOVED BY THE APPROPRIATE TRADE CONTRACTORS, UNLESS OTHERWISE INDICATED OR DIRECTED.

GN-12 SHOULD CONFLICTS EXIST WITHIN THE CONSTRUCTION DOCUMENTS, VERIFY INTENT WITH ARCHITECT PRIOR TO BIDDING. CLARIFICATIONS ISSUED AFTER BIDDING SHALL NOT BE BASIS FOR ADDITIONAL COMPENSATION.

GN-13 EXISTING CONDITIONS MAY VARY FROM THOSE INDICATED. NOTIFY THE ARCHITECT IN WRITING OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND THE CONTRACT DOCUMENTS BEFORE PROCEEDING WITH THE WORK.

GN-14 WHEN REMOVING A MATERIAL, COMPONENT, ASSEMBLY OR SYSTEM, "COMPLETE" SHALL MEAN THE MATERIAL, COMPONENT, ASSEMBLY OR SYSTEM, ALONG WITH ASSOCIATED SUSPENSION, HANGNERS, BRACING, SHIMS, FASTNERS, ANCHORS, TRIM, ACCESSORIES, TRANSITION PIECES, ADHESIVES, SEALANTS, ETC., WHOSE PRESENCE SERVES NO OTHER DISCERNABLE PURPOSE OTHER THAN ITS ASSOCIATION WITH ITEM BEING REMOVED, UNLESS OTHERWISE INDICATED.

GN-15 WHERE REMOVAL OF A MATERIAL, COMPONENT, ASSEMBLY OR SYSTEM IS INDICATED, IT SHALL INCLUDE THE REMOVAL OF RESIDUAL MATERIALS LEFT BEHIND ON ADJACENT SURFACES TO BE EXPOSED IN THE COMPLETED WORK, OR AS REQUIRED TO PREPARE SUCH SURFACES TO RECEIVE FINISHES INDICATED.

GN-16 WHERE NEWLY EXPOSED SURFACES ARE TO REMAIN EXPOSED IN THE COMPLETED WORK, CONTRACTORS SHALL PATCH SURFACES WITH IN-KIND MATERIAL TO LIKE-NEW CONDITION, SUBJECT TO ARCHITECT'S APPROVAL.

GN-17 CONTRACTORS ARE RESPONSIBLE FOR DECONSTRUCTION OF ASSEMBLIES OR SYSTEMS AS REQUIRED TO SEPARATE RECYCLABLE MATERIALS INTO THEIR CORRECT CATEGORIES.

GN-18 WHEN REMOVING ITEMS INDICATED FOR REINSTALLATION, REMOVAL SHALL INCLUDE TRIM, ACCESSORIES, MOUNTING HARDWARE, ETC. REQUIRED FOR REINSTALLATION.

GN-19 WHERE DEMOLITION EXPOSES ENCLOSED SPACE OR SURFACES THAT WILL REMAIN EXPOSED IN THE FINISHED WORK, PROVIDE A THOROUGH CLEANING OF ALL SURFACES PRIOR TO PATCHING/FINISHING.

GN-20 CONTRACTORS SHALL ASSUME THE PRESENCE OF LEAD BASED PAINT ON BUILDING CONSTRUCTION BUILT PRIOR TO 1978, AND SHALL FOLLOW ALL REQUIRED WORK PRACTICES AND REGULATORY REQUIREMENTS. SEE SPECIFICATIONS FOR LEAD SAFE WORK PRACTICES.

GN-21 HAZARDOUS MATERIALS MAY BE PRESENT IN EXISTING CONSTRUCTION INDICATED TO BE DEMOLISHED. INFORMATION ON THE PRESENCE OF KNOWN HAZARDOUS MATERIALS IS AVAILABLE FROM THE OWNER FOR CONTRACTORS' REVIEW. CONTRACTORS SHALL EXAMINE THE INFORMATION AND BECOME FAMILIAR WITH LOCATIONS WHERE HAZARDOUS MATERIALS ARE KNOWN OR LIKELY TO BE PRESENT.

GN-22 DO NOT DISTURB SUSPECTED HAZARDOUS MATERIAL. WHEN IN THE COURSE OF THE WORK, SUSPECT MATERIALS ARE ENCOUNTERED, THE CONTRACTOR SHALL STOP WORK IN THE AFFECTED AREA, AND IMMEDIATELY NOTIFY THE OWNER'S PROJECT REPRESENTATIVE.

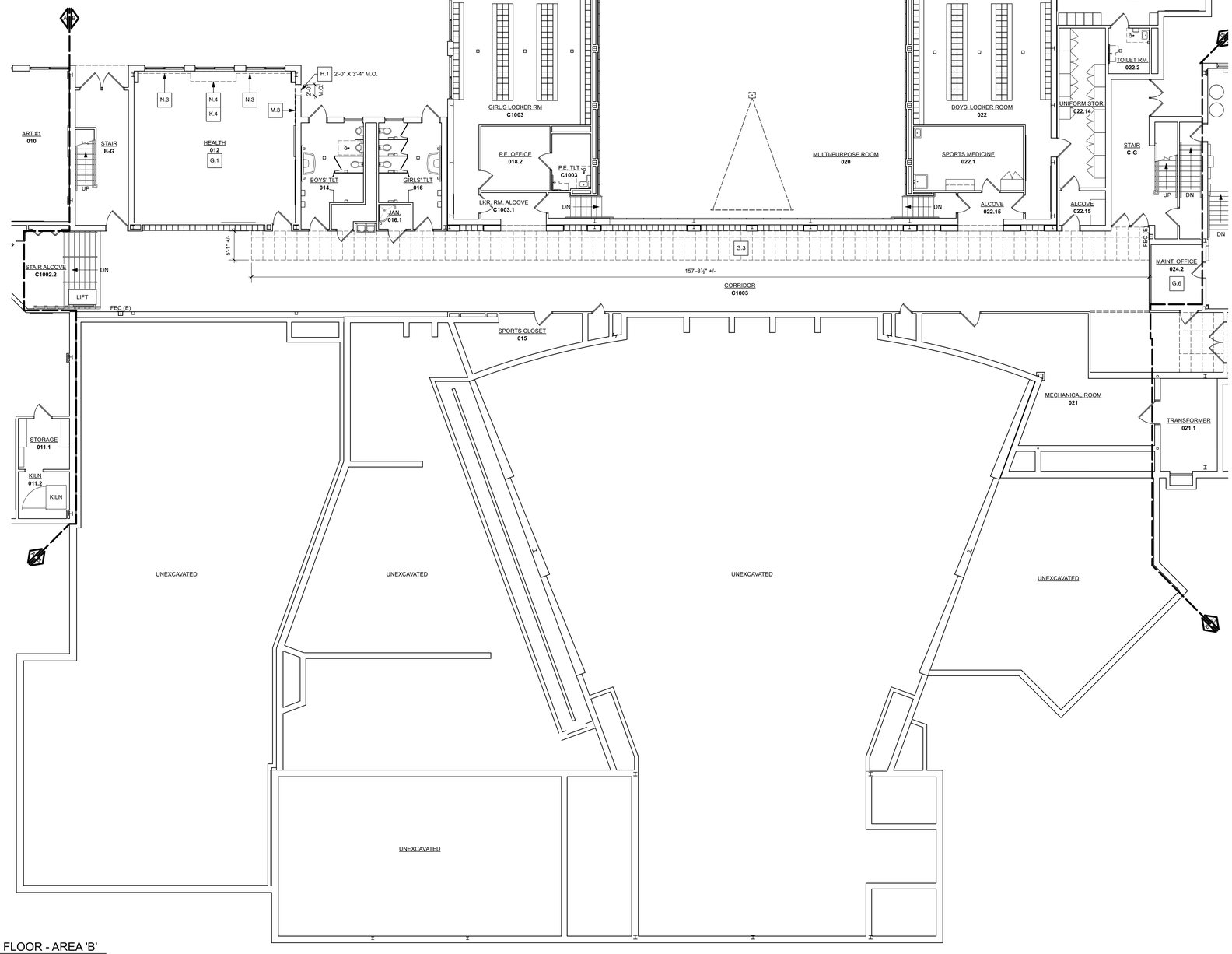
GN-23 WHERE NEW OR ENLARGED OPENINGS ARE INDICATED IN EXISTING CONSTRUCTION, CONTRACTORS SHALL COORDINATE SIZES AND LOCATIONS OF OPENINGS WITH THE FINISHED WORK. REFRAME OPENINGS IN STUD WALLS, INCLUDING NEW HEADER.

GN-24 WHERE NEW OPENINGS ARE INDICATED IN UNIT MASONRY THAT WILL BE LEFT EXPOSED, PATCH MASONRY WITH IN-KIND UNITS WITH FINISHED SURFACES, TOOTHED IN, TO MATCH SURROUNDING COURSING AND BOND. PROVIDE NEW LINTEL UNLESS OTHERWISE INDICATED.

GN-25 WHERE REMOVAL OF ADJUSTABLE SHELVING, MODULAR CHALK BOARDS ON STANDARDS, OR SIMILAR RELOCATABLE ITEMS IS REQUIRED, TURN OVER TO THE OWNER THOSE ITEMS, INCLUDING ALL STANDARDS, BRACKETS, AND ACCESSORIES, UNLESS OTHERWISE INDICATED OR DIRECTED.

GN-26 WHERE REMOVAL OF SUSPENDED CEILINGS IS INDICATED FOR ACCESS TO WORK ABOVE, GC SHALL REMOVE CEILING PANELS, GRID AND SUSPENSION COMPONENTS TO ALLOW UNENCUMBERED ACCESS. COORDINATE EXTENT WITH WORK OF OTHER TRADES REQUIRING ACCESS. GC SHALL REINSTALL CEILING UPON COMPLETION OF WORK ABOVE. WHERE REMOVAL OF CEILINGS IS REQUIRED, BUT NOT INDICATED, REMOVAL AND REPLACEMENT SHALL BE BY CONTRACTOR REQUIRING ACCESS.

GN-26 WHERE REMOVAL OF GPDW/PLASTER CEILINGS IS INDICATED FOR ACCESS TO WORK ABOVE, GC SHALL REMOVE GPDW/PLASTER AND FRAMING TO LOGICAL POINT OF SUPPORT TO ALLOW UNENCUMBERED ACCESS. COORDINATE EXTENT WITH WORK OF OTHER TRADES REQUIRING ACCESS. GC SHALL RECONSTRUCT CEILING TO LIKE-NEW CONDITION UNLESS INDICATED OTHERWISE. WHERE REMOVAL OF CEILINGS IS REQUIRED, BUT NOT INDICATED, REMOVAL AND RECONSTRUCTION SHALL BE BY CONTRACTOR REQUIRING ACCESS.



KEYED DEMOLITION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE, PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILING AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH CONSTRUCTION DRAWINGS. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. EXISTING SUSPENSION SYSTEM AND TILES TO BE REWORKED TO ACCOMODATE NEW CONSTRUCTION (WHERE APPLICABLE). GC IS RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXISTING.

G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED, INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION
REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION
REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE. LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

M.3 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE. LEAVING ONLY THE BARE WALL FINISH. SALVAGE FOR REINSTALLATION AND STORE ON SITE WHERE DIRECTED BY OWNER. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0". REFER TO IMAGE A5 / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

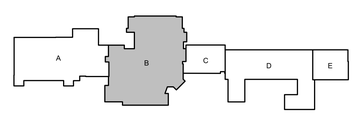
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT, DEVICES, AND/OR LIGHT FIXTURES. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH / PROJECT NORTH

KEY PLAN

PROJECT NORTH — A1 / D A0.02

DEMOLITION PLAN - GROUND FLOOR - AREA 'B'
Scale: 1/8" = 1'-0"

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY B. TARQUINI 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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	09/12/2025	ISSUED FOR BID

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DRAWING DATE: **01/08/2025**

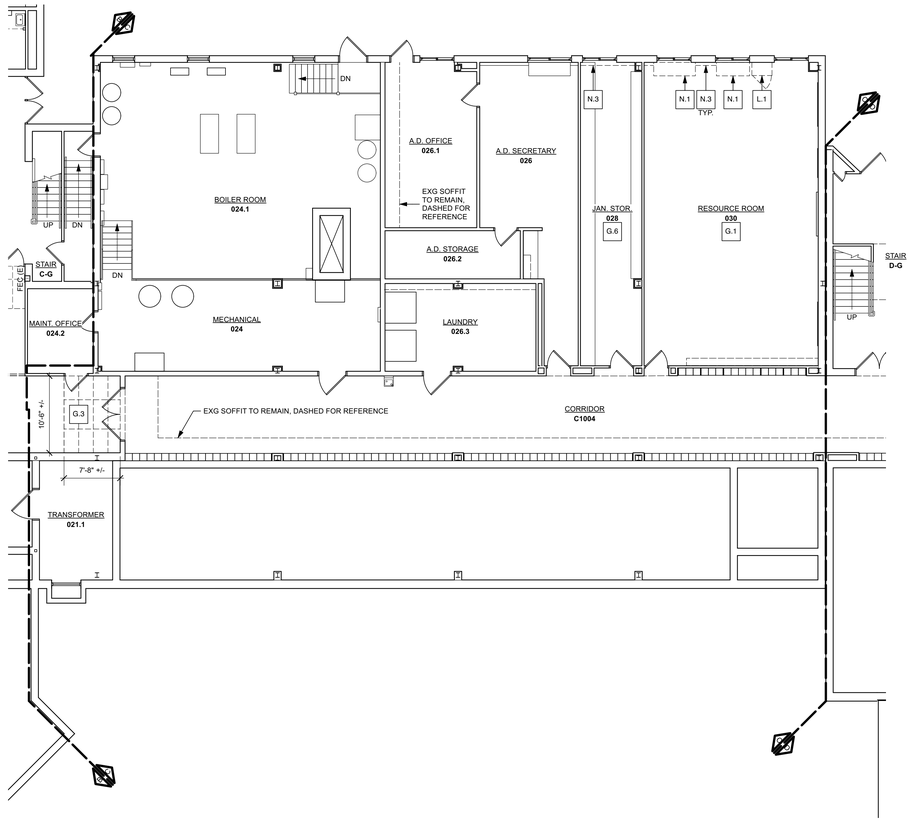
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - GROUND FLOOR - AREA 'B'

D A0.02



PROJECT NORTH

C3 / D A0.03

DEMOLITION PLAN - GROUND FLOOR - AREA 'C'

Scale: 1/8" = 1'-0"

KEYED DEMOLITION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILING AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH CONSTRUCTION DRAWINGS. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. EXISTING SUSPENSION SYSTEM AND TILES TO BE REWORKED TO ACCOMODATE NEW CONSTRUCTION (WHERE APPLICABLE). GC IS RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXISTING.

G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED. INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION

REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION

REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALK/MARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

M.3 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALK/MARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. SALVAGE FOR REINSTALLATION AND STORE ON SITE WHERE DIRECTED BY OWNER. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0". REFER TO IMAGE A5 / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

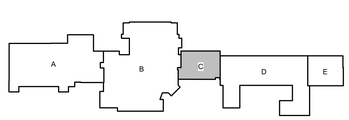
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT, DEVICES, AND/OR LIGHT FIXTURES. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY B. TARONE NO. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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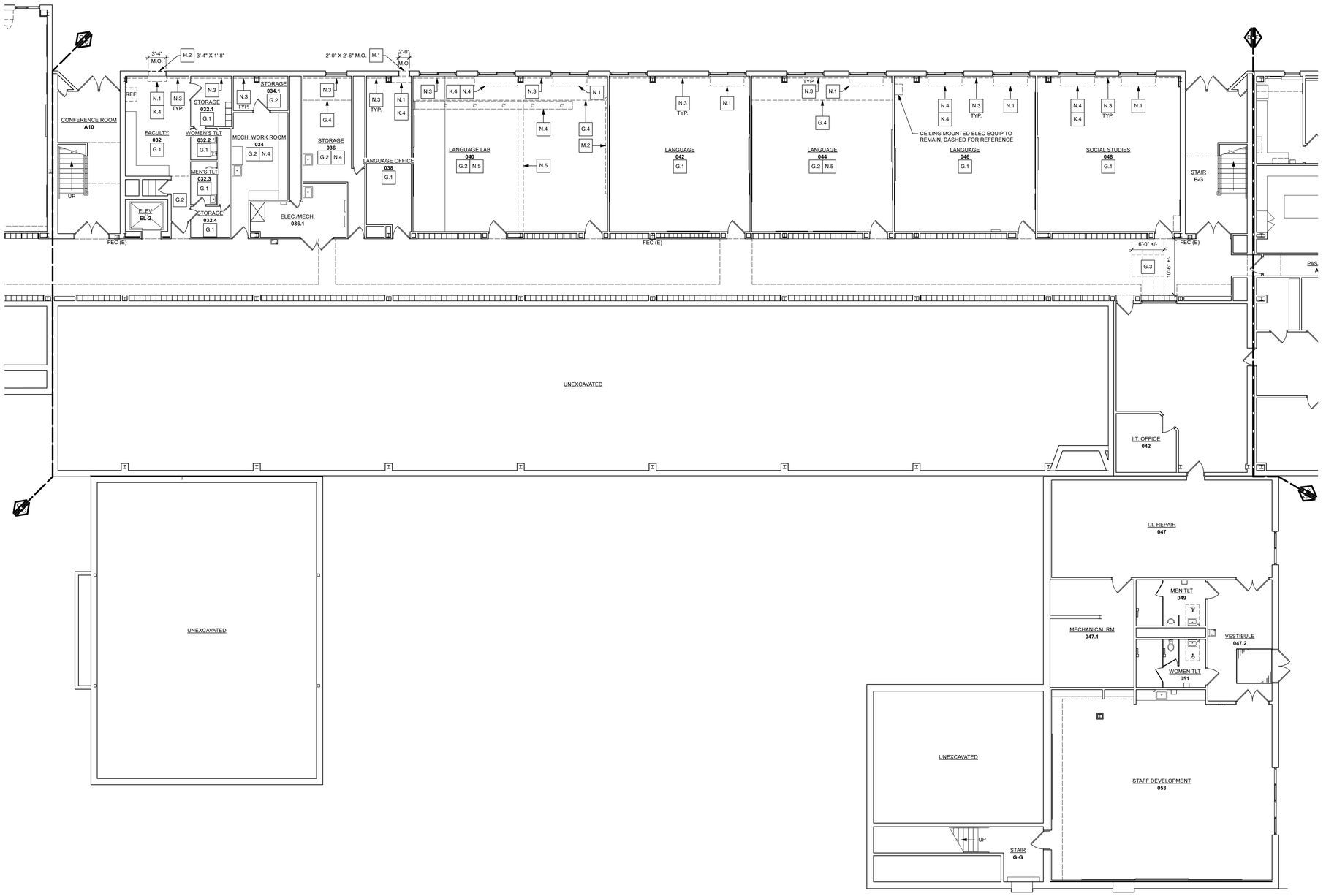
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - GROUND FLOOR - AREA 'D'

D A0.03



PROJECT NORTH

B1 / D A0.04

DEMOLITION PLAN - GROUND FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

KEYED DEMOLITION NOTES

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REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

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A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE, PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

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G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED, INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION
REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION
REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

M.3 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. SALVAGE FOR REINSTALLATION AND STORE ON SITE WHERE DIRECTED BY OWNER. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG. SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0". REFER TO IMAGE AS / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXS ADJACENT FINISHES.

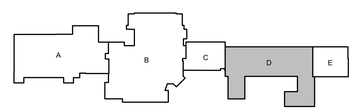
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT.

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY S. TAMBLYN NO. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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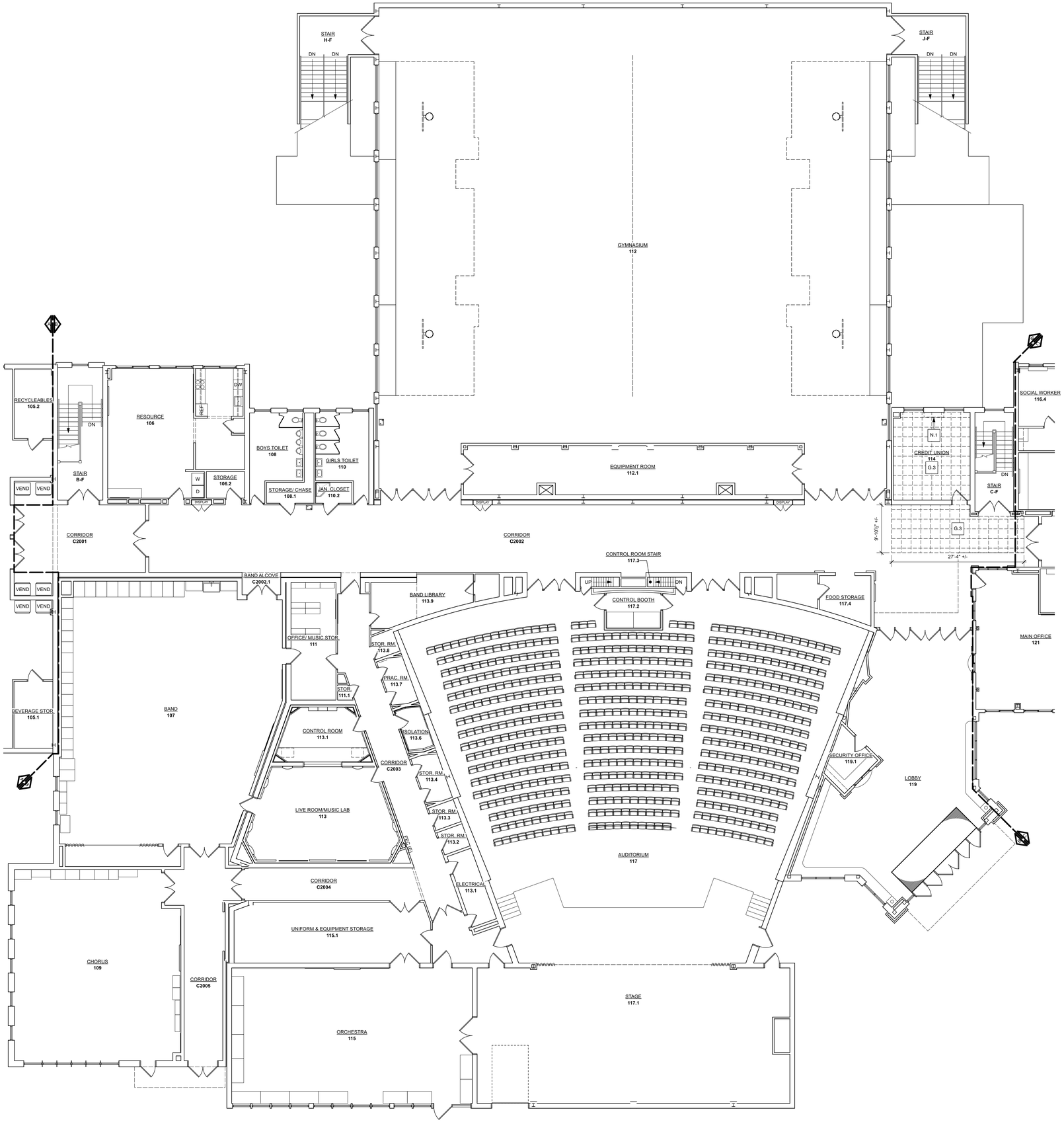
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - GROUND FLOOR - AREA 'D'

D A0.04



PROJECT NORTH

A1 / D A0.06

DEMOLITION PLAN - FIRST FLOOR - AREA 'B'

Scale: 1/8" = 1'-0"

KEYED DEMOLITION NOTES

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REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

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A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILING AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH CONSTRUCTION DRAWINGS. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. EXISTING SUSPENSION SYSTEM AND TILES TO BE REWORKED TO ACCOMODATE NEW CONSTRUCTION (WHERE APPLICABLE). GC IS RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXISTING.

G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED, INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION

REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION

REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITICIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALK/MARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

M.3 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALK/MARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. SALVAGE FOR REINSTALLATION AND STORE ON SITE WHERE DIRECTED BY OWNER. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0", REFER TO IMAGE A5 / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

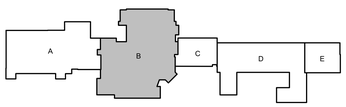
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT,

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY B. TAYLOR No. 037564 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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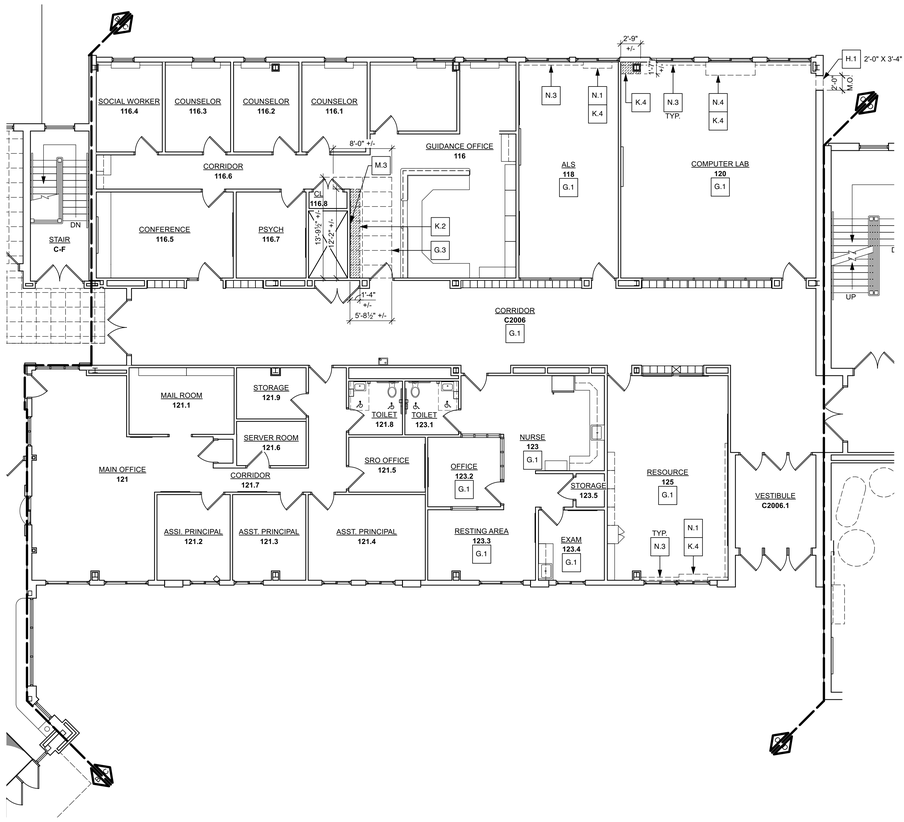
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - FIRST FLOOR - AREA 'B'

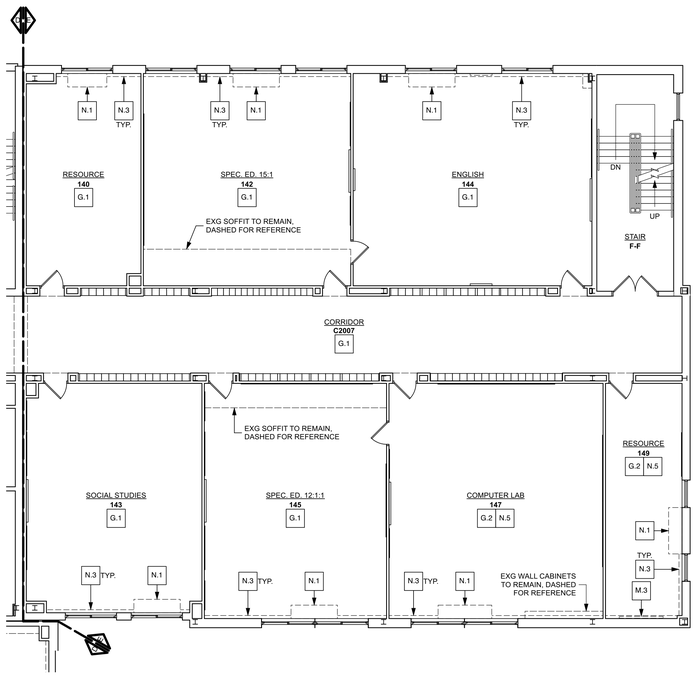
D A0.06



PROJECT NORTH — C3 / D A0.07

DEMOLITION PLAN - FIRST FLOOR - AREA 'C'

Scale: 1/8" = 1'-0"



PROJECT NORTH — A3 / D A0.07

DEMOLITION PLAN - FIRST FLOOR - AREA 'E'

Scale: 1/8" = 1'-0"

KEYED DEMOLITION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE, PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILING AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH CONSTRUCTION DRAWINGS. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. EXISTING SUSPENSION SYSTEM AND TILES TO BE REWORKED TO ACCOMODATE NEW CONSTRUCTION (WHERE APPLICABLE). GC IS RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXISTING.

G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED, INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION

REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION

REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLTION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALK/MARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

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M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0". REFER TO IMAGE A5 / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

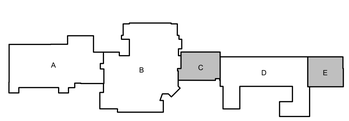
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT,

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT — KERRY B. TARONE — NO. 037554 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

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DRAWING DATE: **01/08/2025**

DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - FIRST FLOOR - AREAS 'C' & 'E'

D A0.07



PROJECT NORTH

B1 / D A0.08

DEMOLITION PLAN - FIRST FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

KEYED DEMOLITION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE, PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

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G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED, INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION

REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION

REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

M.3 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. SALVAGE FOR REINSTALLATION AND STORE ON SITE WHERE DIRECTED BY OWNER. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0". REFER TO IMAGE AS / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXS ADJACENT FINISHES.

N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT.



UNIT VENTILATOR REMOVED BY OTHERS

REMOVE SURROUNDING WOOD PANEL, ADJACENT LIBRARY BOOKCASES TO REMAIN

AS / D A0.08

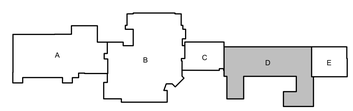
PHOTO - LIBRARY WOOD PANEL @ UV

Scale: Not to Scale

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY S. TAMBLYN NO. 37559 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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DRAWING DATE: **01/08/2025**

DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - FIRST FLOOR - AREA 'D'

D A0.08

KEYED DEMOLITION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE, PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILING AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH CONSTRUCTION DRAWINGS. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. EXISTING SUSPENSION SYSTEM AND TILES TO BE REWORKED TO ACCOMODATE NEW CONSTRUCTION (WHERE APPLICABLE). GC IS RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXISTING.

G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED, INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION
REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION
REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLTION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE. LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

M.3 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. SALVAGE FOR REINSTALLATION AND STORE ON SITE WHERE DIRECTED BY OWNER. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0", REFER TO IMAGE AS / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

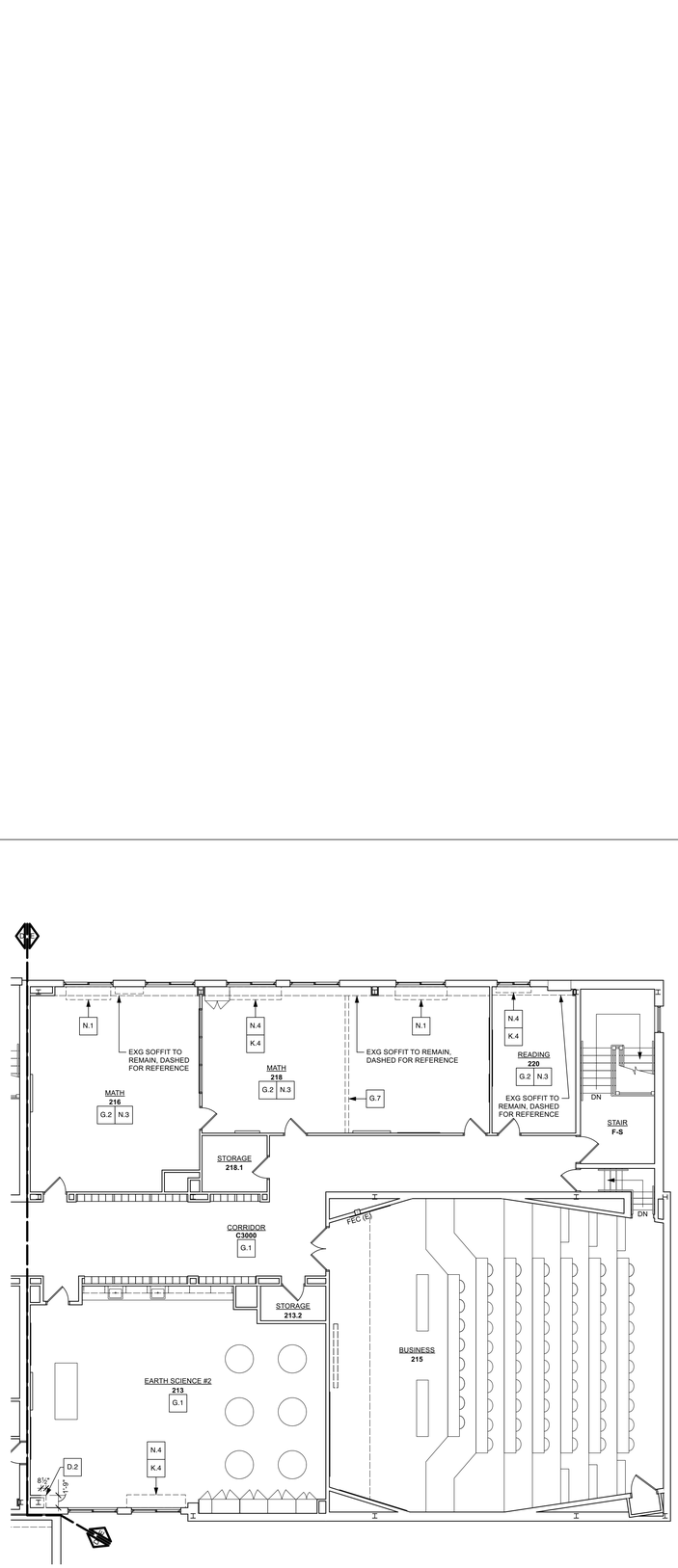
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT, DEVICES, AND/OR LIGHT FIXTURES. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

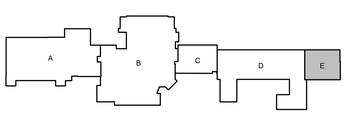
INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



PROJECT NORTH — A3 / D A0.09

DEMOLITION PLAN - SECOND FLOOR - AREA 'E'

Scale: 1/8" = 1'-0"



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT — KERRY B. TAYLOR — No. 037564 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

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DRAWING DATE: **01/08/2025**

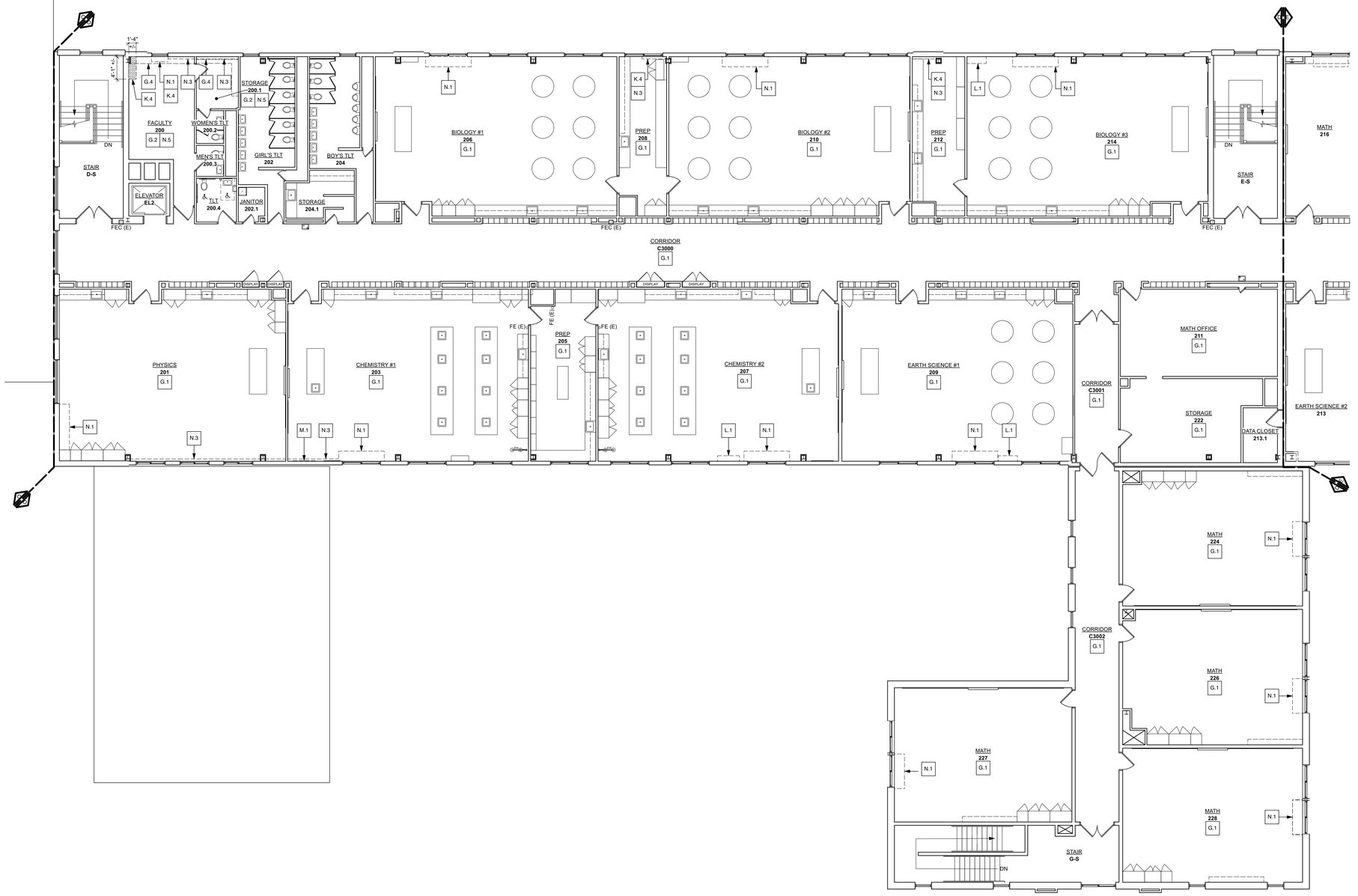
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - SECOND FLOOR - AREA 'E'

D A0.09



PROJECT NORTH

B1 / D A0.10

DEMOLITION PLAN - SECOND FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

KEYED DEMOLITION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE, PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILING AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH CONSTRUCTION DRAWINGS. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. EXISTING SUSPENSION SYSTEM AND TILES TO BE REWORKED TO ACCOMODATE NEW CONSTRUCTION (WHERE APPLICABLE). GC IS RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXISTING.

G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED, INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. GENERAL CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW, REFER TO DETAILS ON D/A5.01, EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION

REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION

REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

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M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0". REFER TO IMAGE AS / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXS ADJACENT FINISHES.

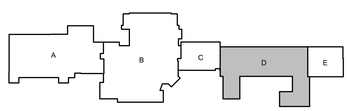
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT.

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY S. TAMBLYN NO. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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MARK	DATE	DESCRIPTION
	09/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

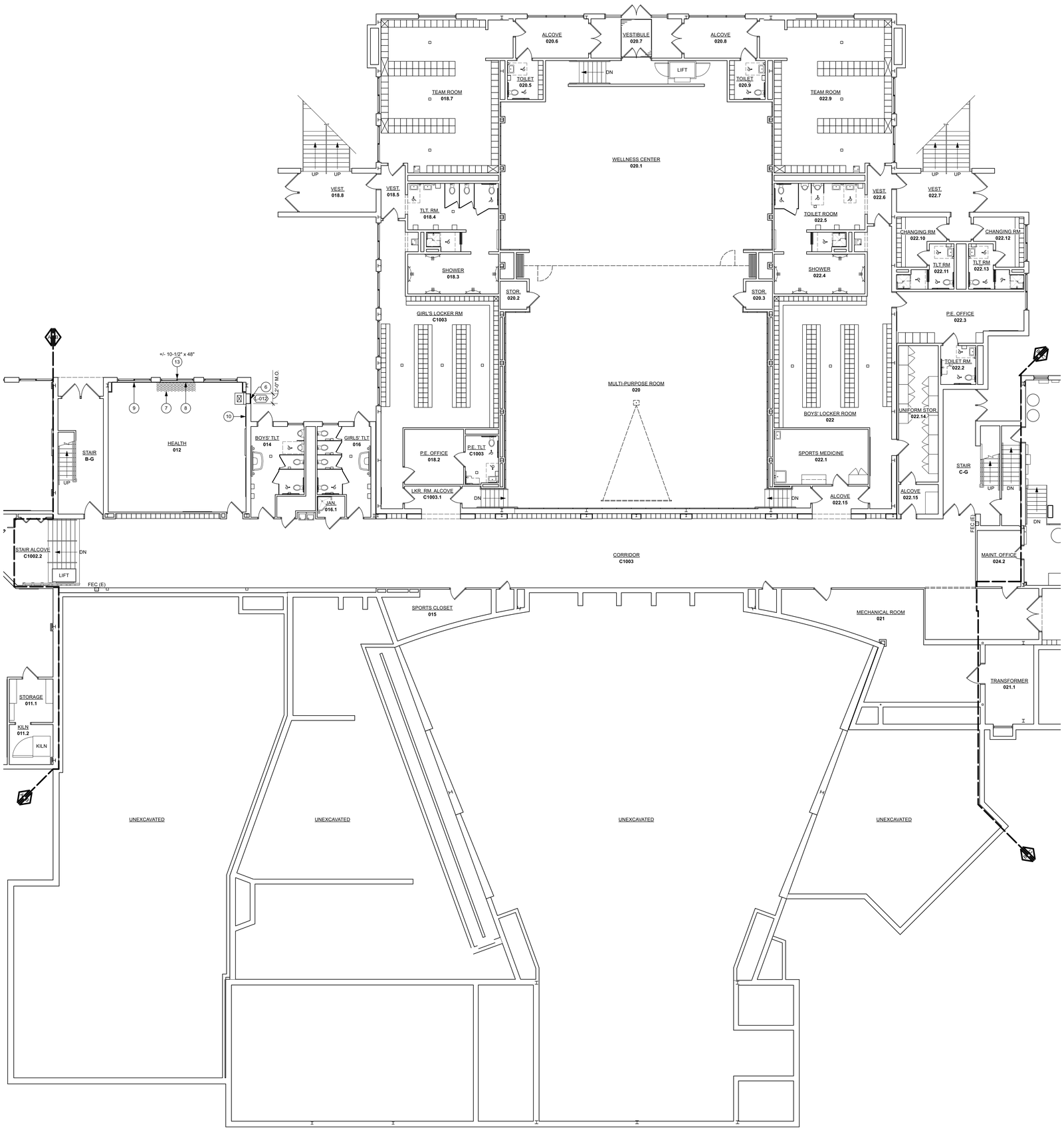
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DEMOLITION PLAN - SECOND FLOOR - AREA 'D'

D A0.10



PROJECT NORTH

A1 / D A1.02

CONSTRUCTION PLAN - GROUND FLOOR - AREA 'B'

Scale: 1/8" = 1'-0"

GENERAL CONSTRUCTION NOTES

1. THESE NOTES APPLY TO EXISTING SPACES AND BUILDING CONSTRUCTION AFFECTED BY THE WORK. SEE ALSO GENERAL DEMOLITION NOTES, GENERAL REFLECTED CEILING PLAN NOTES, GENERAL PARTITION NOTES, ETC.
2. WHERE SPECIFIC NOTES CONFLICT WITH GENERAL NOTES, THE SPECIFIC NOTES SHALL GOVERN.
3. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
4. ALL DIMENSIONS ARE TAKEN FROM FACE OF STUD. AT EXG. PARTITIONS DIMENSIONS ARE TAKEN FROM FACE OF EXG. FINISH.
5. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND QUANTITIES PRIOR TO BIDDING.
6. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THE DRAWINGS, SCHEDULES, AND SPECIFICATIONS FOR CLARIFICATION BEFORE PROCEEDING WITH THE WORK. REFER TO SUPPLEMENTARY GENERAL CONDITIONS FOR FURTHER INFORMATION REGARDING CONSTRUCTION DOCUMENTS.
7. GENERAL CONTRACTOR TO CUT OPENINGS IN WALLS, FLOORS, AND CEILINGS FOR INSTALLATION OF M/E/P WORK WHERE NECESSARY. REFER TO M/E/P DRAWINGS FOR QUANTITY AND LOCATIONS. COORDINATE WITH M/E/P CONTRACTORS FOR SIZE OF OPENINGS.
8. GENERAL CONTRACTOR TO PATCH WALLS, FLOORS AND CEILINGS WHERE M/E/P EQUIPMENT IS BEING REMOVED. REFER TO M/E/P DRAWINGS FOR QUANTITY AND LOCATIONS. PATCH AS REQUIRED TO RECEIVE NEW FINISHES.
9. WHERE NEW MASONRY IS BEING INSTALLED NEXT TO EXISTING MASONRY, TOOTH MASONRY IN AT ALL LOCATIONS, UNLESS OTHERWISE NOTED.
10. WHERE EXISTING EQUIPMENT/ CASEWORK WAS REMOVED FROM EXISTING WALLS, PATCH WALLS TO MATCH ADJACENT EXISTING SURFACES OR TO RECEIVE NEW FINISHES AS SCHEDULED.
11. WHERE WALLS WERE REMOVED, PATCH WALLS AND FLOORS TO MATCH ADJACENT EXISTING SURFACES OR TO RECEIVE NEW FINISHES AS SCHEDULED.
12. WHERE NEWLY EXPOSED SURFACES ARE TO REMAIN EXPOSED IN THE COMPLETED WORK, CONTRACTORS SHALL PATCH SURFACES WITH IN-KIND MATERIAL TO LIKE-NEW CONDITION, SUBJECT TO THE ARCHITECT'S APPROVAL.
13. DURING THE COURSE OF WORK, IF EXISTING CONSTRUCTION INDICATED TO REMAIN IS DAMAGED THE CONTRACTOR SHALL REPAIR OR REPLACE WITH IN-IND MATERIAL TO LIKE-NEW CONDITION AT NO EXPENSE TO THE OWNER. SUBJECT TO THE ARCHITECT'S APPROVAL.
14. ALL NEW VISION PANELS AND SIDE LIGHTS TO RECEIVE NEW WINDOW TREATMENTS. REFER TO SPEC SECTION 122413 ROLLER WINDOW SHADES.

KEYED CONSTRUCTION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A1.02 FOR GENERAL CONSTRUCTION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

1. ALIGN FACE OF NEW PARTITION WITH FACE OF EXG ADJACENT PARTITION.
2. NEW PANEL SIGN - REFER TO INTERIOR ELEVATION A1/DA4.04 AND SPEC.
3. LAMINATE EXG PARTITION WITH 5/8" GPDW AND ALIGN WITH FACE OF NEW PARTITION.
4. REINSTALL SALVAGED RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE- REFER TO DETAIL A5/DA4.02.
5. TELEVISION PROVIDED BY OWNER AND INSTALLED BY G.C. PROVIDE BLOCKING AS REQUIRED AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH E.C.
6. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN NEW WALL OPENING. HVAC CONNECTIONS BY HVAC CONTRACTOR. PREPARE OPENING AS REQ'D AND PATCH TO MATCH EXG ADJACENT CONSTRUCTION/FINISHES.
7. PATCH VCT FLOORING (TO NEAREST FULL TILE) AND RUBBER BASE TO MATCH EXISTING ADJACENT FINISHES WHERE M/E/P EQUIPMENT AND/OR CASEWORK WAS REMOVED. SEE PLAN FOR APPROXIMATE SIZE.
8. PATCH AND PAINT WALL TO MATCH EXG ADJACENT FINISH AT MECHANICAL UNIT REMOVAL LOCATION. ASSUME AREA OF PATCH IS +/- 20 SF U.N.O.
9. PATCH AND PAINT WALL AS NEEDED TO MATCH EXG ADJACENT FINISH AT UNIT FIN TUBE REMOVAL LOCATION. ASSUME HEIGHT OF PATCH IS +/- 1'-4".
10. RE-INSTALL SALVAGED MARKER BOARD. MODIFY WRITING SURFACE AND FRAME TO 4'-0" WIDE. INSTALL AT MOUNTING HEIGHT TO MATCH EXG ADJACENT MARKER BOARD. PATCH AND PAINT ANY REMAINING EXPOSED SURFACES TO MATCH EXG.
11. ALIGN EDGE OF PARTIAL HEIGHT WALL CONSTRUCTION AND COUNTERTOP WITH EDGE OF EXG WINDOW SILL.
12. REINSTALL SALVAGED CASEWORK AND PROVIDE NEW BASE TO MATCH EXG. PATCH NEWLY EXPOSED SURFACES TO MATCH EXG AS REQUIRED.
13. HVAC CONTRACTOR TO PROVIDE NEW INSULATION PANEL AT LOCATION OF EXG LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL REMAINING OPENING AND PAINT TO MATCH EXG ADJACENT SURFACES. SEE PLAN FOR APPROXIMATE SIZE.
14. TERMINATE EDGE OF PARTIAL HEIGHT WALL CONSTRUCTION AND COUNTERTOP AT EXG COLUMN WRAP.
15. REINSTALL SALVAGED TV IN ORIGINAL LOCATION FOLLOWING THE COMPLETION OF NEW WORK.
16. REINSTALL SALVAGED TV IN NEW LOCATION FOLLOWING THE COMPLETION OF NEW WORK. MATCH EXG MOUNTING HEIGHT. COORDINATE WITH ELECTICAL CONTRACTOR.
17. PATCH CARPET TO MATCH EXG ADJACENT FINISH AT UNIT VENTILATOR REMOVAL. ASSUME AREA OF PATCH IS +\- 20 SF.
18. PROVIDE NEW WOOD PANEL AT LOCATION OF UNIT VENTILATOR REMOVAL TO MATCH EXG ADJACENT CASEWORK AND TRIM. APPROXIMATE SIZE IS 4'-0" x 6'-0", VERIFY IN FIELD. REFER TO IMAGE A5 / DA0.08.
19. REINSTALL SALVAGED WOOD PANEL PIPE ENCLOSURE FOLLOWING COMPLETION OF NEW WORK. COORDINATE WITH HVAC CONTRACTOR.
20. INSTALL PLASTIC LAMINATE PANEL SYSTEM ALONG ENTIRE LENGTH OF PARTITION UNLESS NOTED OTHERWISE. REFER TO INTERIOR ELEVATIONS AND DETAIL A4 /DA4.04.
21. MODIFY EXG LOUVER OPENING - REFER TO DETAILS ON D/A5.01. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN MODIFIED OPENING. PATCH AND PAINT WALL CONSTRUCTION TO MATCH EXG.

FLOOR PATCH LEGEND

INDICATES AREA OF VCT AND WALL BASE PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 7.

INDICATES AREA OF CARPET PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 17.

TRUE NORTH PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

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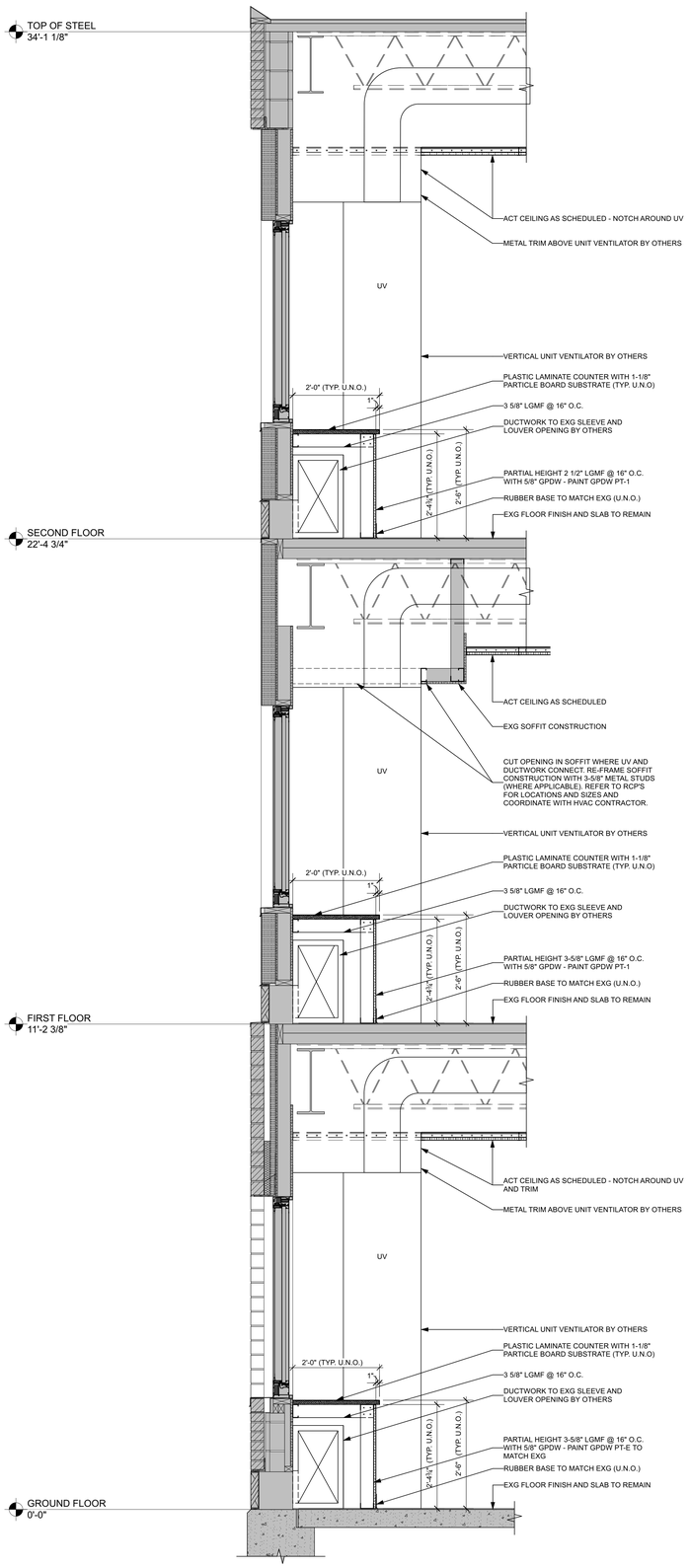
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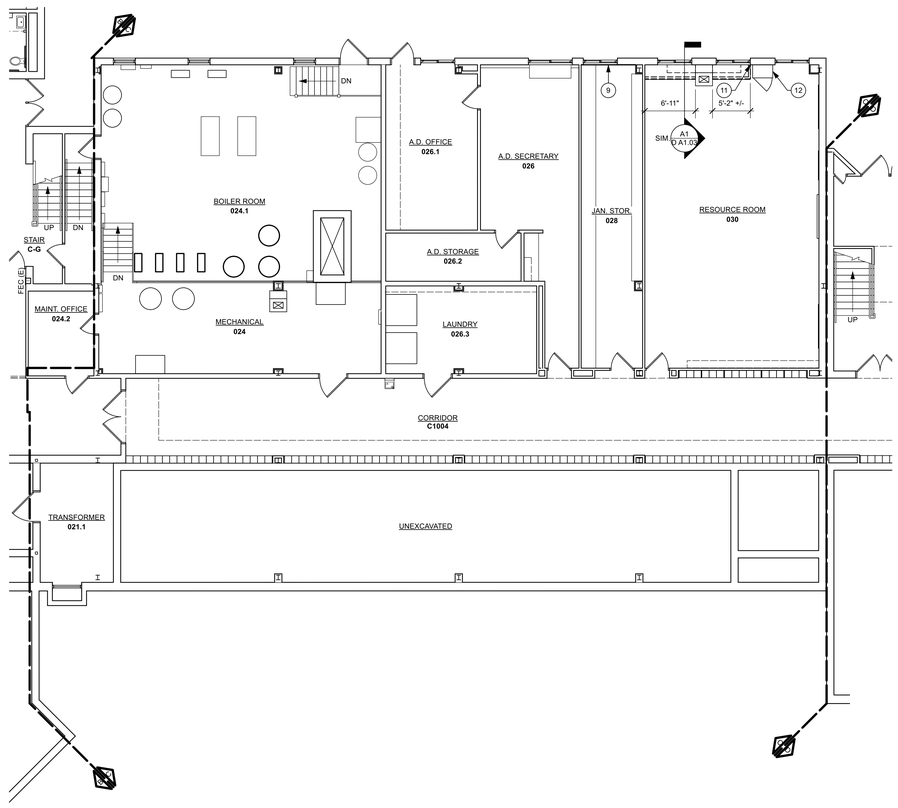
DRAWING TITLE:

CONSTRUCTION PLAN - GROUND FLOOR - AREA 'B'

D A1.02



A1 / D A1.03 WALL SECTION @ ORIGINAL BUILDING W/ VERTICAL UNIT VENTILATORS
Scale: 3/4" = 1'-0"



PROJECT NORTH
C3 / D A1.03 CONSTRUCTION PLAN - GROUND FLOOR - AREA 'C'
Scale: 1/8" = 1'-0"

KEYED CONSTRUCTION NOTES

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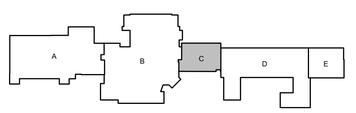
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FLOOR PATCH LEGEND

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TRUE NORTH / PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
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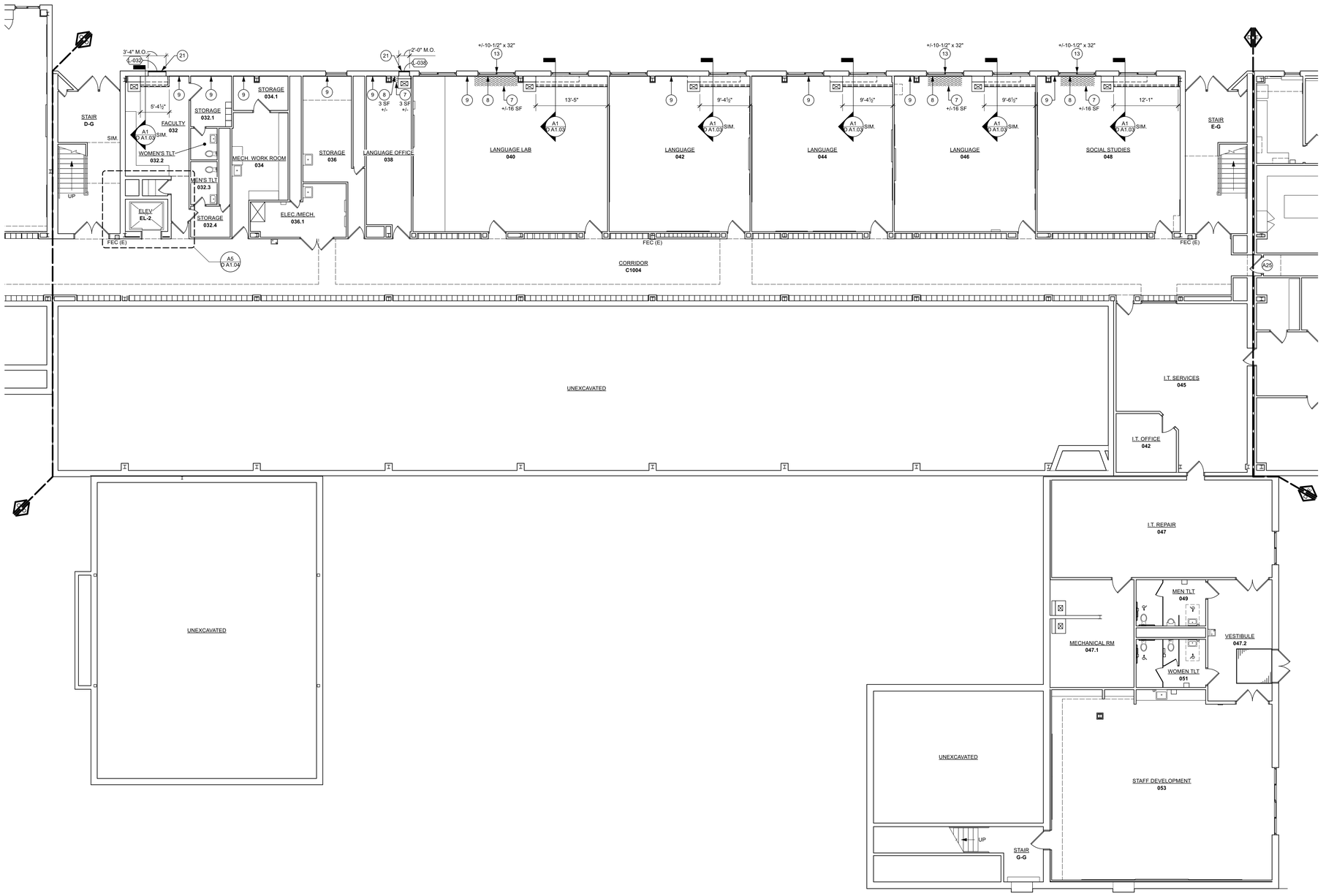
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SCALE: **Sheet Scale**

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CONSTRUCTION PLAN - GROUND FLOOR - AREAS 'C' & 'E'

D A1.03



PROJECT NORTH

B1 / D A1.04

CONSTRUCTION PLAN - GROUND FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

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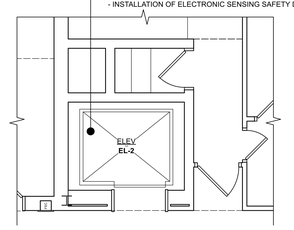
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FLOOR PATCH LEGEND

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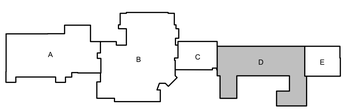
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PROVIDE ELEVATOR MODERNIZATION UPGRADES AS DEFINED IN SPECIFICATION SECTION 142423, INCLUDING BUT NOT LIMITED TO:
- REPLACEMENT OF MICROPROCESSOR CONTROLLER
- REPLACEMENT OF HYDRAULIC POWER UNIT
- CONTROL UPGRADES INCLUDING ADA COMPLIANT PANELS, CAR AND HALL BUTTONS
- INTERIOR CAB RENOVATIONS INCLUDING NEW CEILING, LIGHTING AND WALL PANELS
- DIGITAL CAR POSITION AND TRAVEL INDICATORS IN RETURN PANEL
- INSTALLATION OF ELECTRONIC SENSING SAFETY DEVICE



A5 / D A1.04 — ENLARGED PLAN - ELEVATOR EL-2

Scale: 1/4" = 1'-0"



TRUE NORTH / PROJECT NORTH — KEY PLAN

king+king ARCHITECTS

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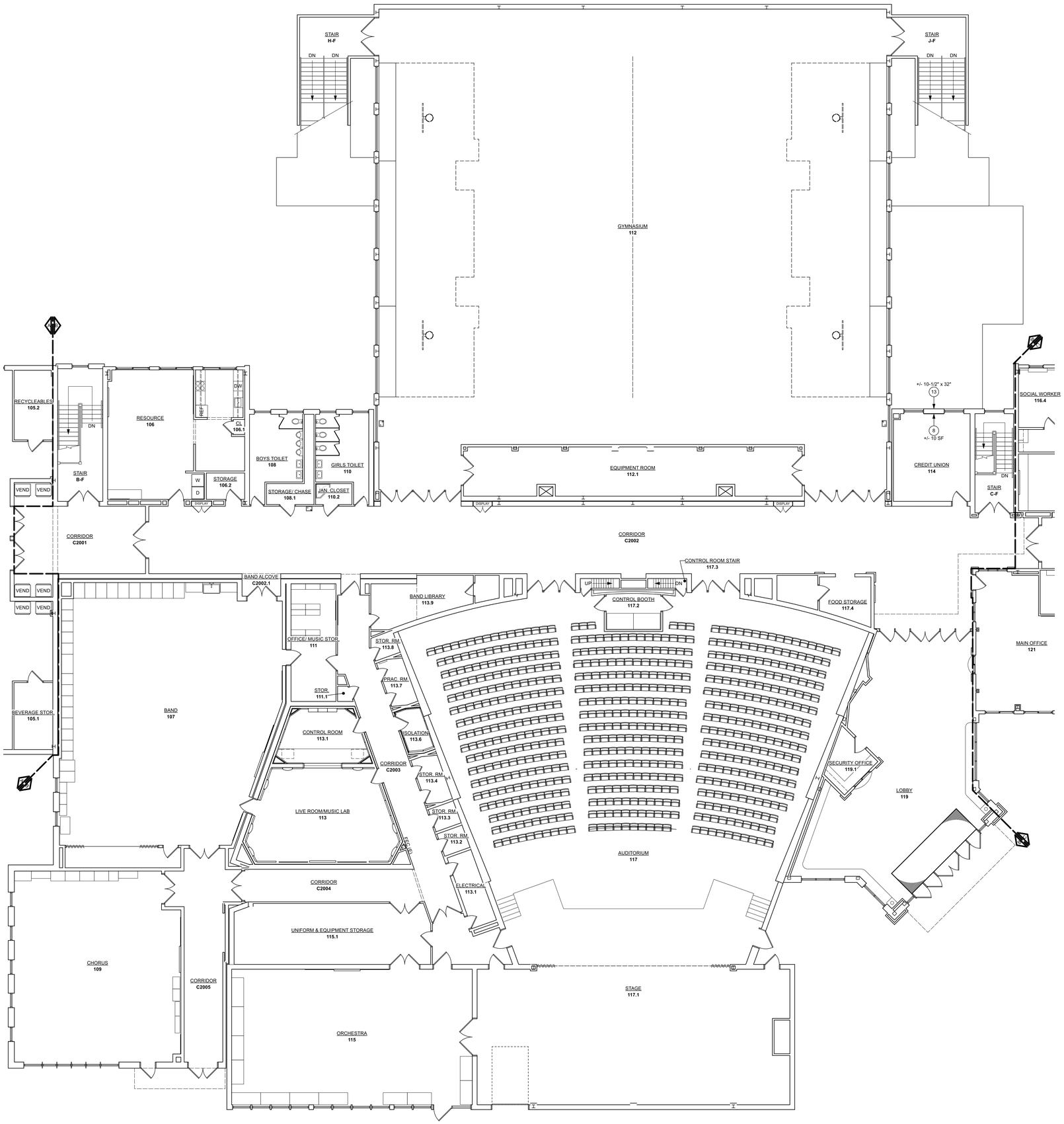
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SCALE: **Sheet Scale**

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CONSTRUCTION PLAN - GROUND FLOOR - AREA 'D'

D A1.04



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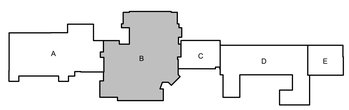
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12. REINSTALL SALVAGED CASEWORK AND PROVIDE NEW BASE TO MATCH EXG. PATCH NEWLY EXPOSED SURFACES TO MATCH EXG AS REQUIRED.
13. HVAC CONTRACTOR TO PROVIDE NEW INSULATION PANEL AT LOCATION OF EXG LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL REMAINING OPENING AND PAINT TO MATCH EXG ADJACENT SURFACES. SEE PLAN FOR APPROXIMATE SIZE.
14. TERMINATE EDGE OF PARTIAL HEIGHT WALL CONSTRUCTION AND COUNTERTOP AT EXG COLUMN WRAP.
15. REINSTALL SALVAGED TV IN ORIGINAL LOCATION FOLLOWING THE COMPLETION OF NEW WORK.
16. REINSTALL SALVAGED TV IN NEW LOCATION FOLLOWING THE COMPLETION OF NEW WORK. MATCH EXG MOUNTING HEIGHT. COORDINATE WITH ELECTICAL CONTRACTOR.
17. PATCH CARPET TO MATCH EXG ADJACENT FINISH AT UNIT VENTILATOR REMOVAL. ASSUME AREA OF PATCH IS +/- 20 SF.
18. PROVIDE NEW WOOD PANEL AT LOCATION OF UNIT VENTILATOR REMOVAL TO MATCH EXG ADJACENT CASEWORK AND TRIM. APPROXIMATE SIZE IS 4'-0" x 6'-0", VERIFY IN FIELD. REFER TO IMAGE A5 / DA0.08.
19. REINSTALL SALVAGED WOOD PANEL PIPE ENCLOSURE FOLLOWING COMPLETION OF NEW WORK. COORDINATE WITH HVAC CONTRACTOR.
20. INSTALL PLASTIC LAMINATE PANEL SYSTEM ALONG ENTIRE LENGTH OF PARTITION UNLESS NOTED OTHERWISE. REFER TO INTERIOR ELEVATIONS AND DETAIL A4 /DA4.04.
21. MODIFY EXG LOUVER OPENING - REFER TO DETAILS ON D/A5.01. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN MODIFIED OPENING. PATCH AND PAINT WALL CONSTRUCTION TO MATCH EXG.

FLOOR PATCH LEGEND

INDICATES AREA OF VCT AND WALL BASE PATCH TO MATCH EXG. ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 7.

INDICATES AREA OF CARPET PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 17.



TRUE NORTH PROJECT NORTH

KEY PLAN

PROJECT NORTH

A1 / D A1.06

CONSTRUCTION PLAN - FIRST FLOOR - AREA 'B'

Scale: 1/8" = 1'-0"

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KENNY B. TAPOLA No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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	09/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

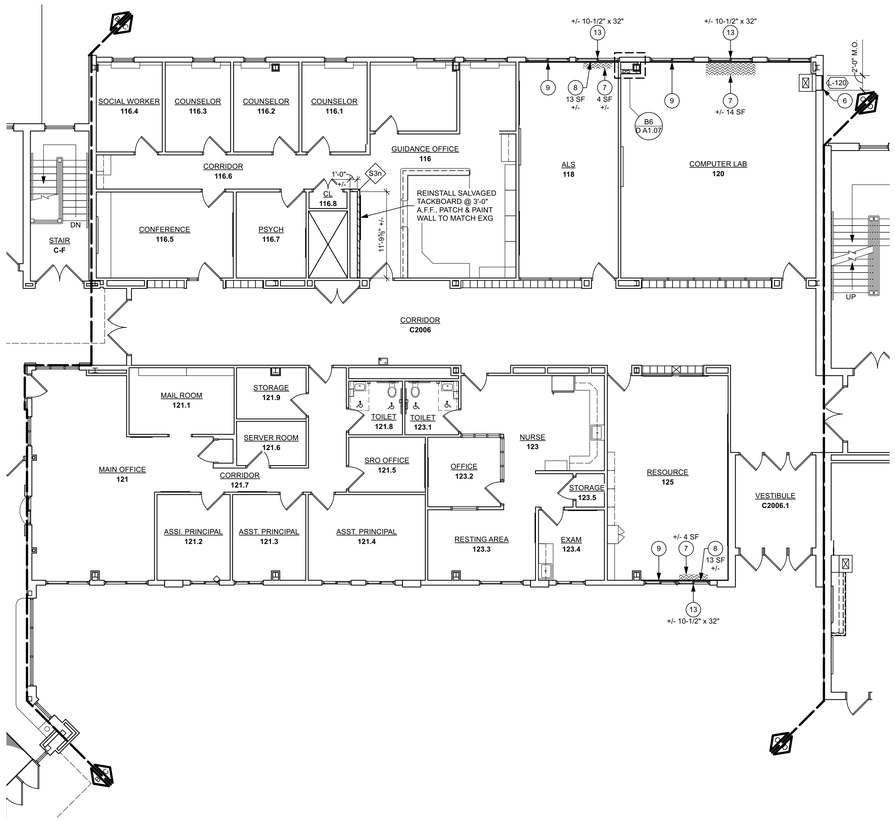
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SCALE: **Sheet Scale**

DRAWING TITLE:

CONSTRUCTION PLAN - FIRST FLOOR - AREA 'B'

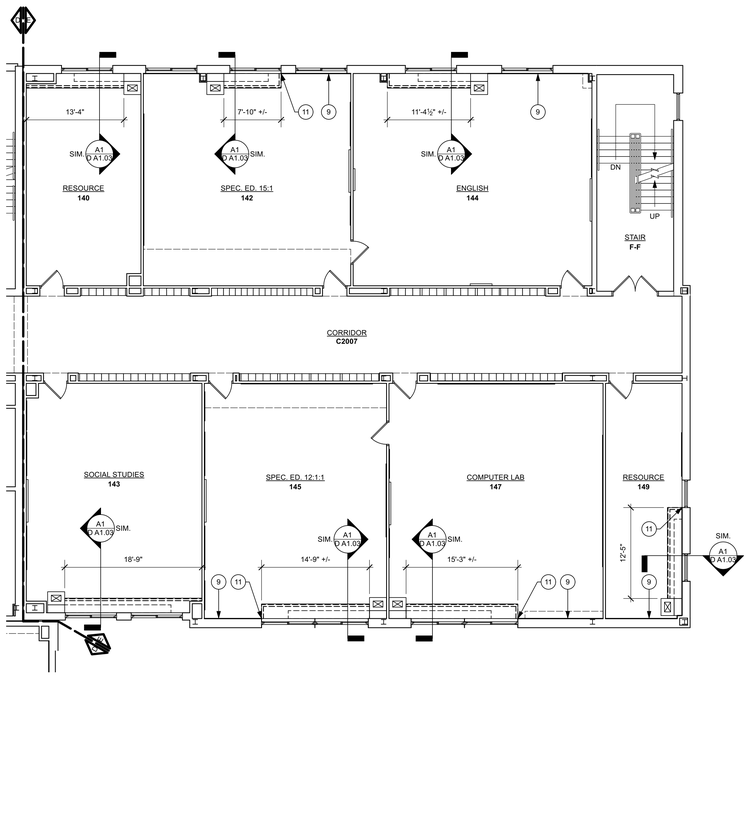
D A1.06



PROJECT NORTH — C3 / D A1.07

CONSTRUCTION PLAN - FIRST FLOOR - AREA 'C'

Scale: 1/8" = 1'-0"



PROJECT NORTH — A3 / D A1.07

CONSTRUCTION PLAN - FIRST FLOOR - AREA 'E'

Scale: 1/8" = 1'-0"

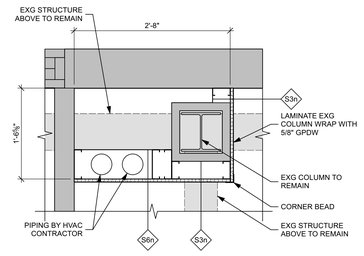
KEYED CONSTRUCTION NOTES

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REFER TO SHEET D/A1.02 FOR GENERAL CONSTRUCTION NOTES.

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1. ALIGN FACE OF NEW PARTITION WITH FACE OF EXG ADJACENT PARTITION.
2. NEW PANEL SIGN - REFER TO INTERIOR ELEVATION A1/DA4.04 AND SPEC.
3. LAMINATE EXG PARTITION WITH 5/8" GPDW AND ALIGN WITH FACE OF NEW PARTITION.
4. REINSTALL SALVAGED RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE- REFER TO DETAIL A5/DA4.02.
5. TELEVISION PROVIDED BY OWNER AND INSTALLED BY G.C. PROVIDE BLOCKING AS REQUIRED AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH E.C.
6. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN NEW WALL OPENING. HVAC CONNECTIONS BY HVAC CONTRACTOR. PREPARE OPENING AS REQ'D AND PATCH TO MATCH EXG ADJACENT CONSTRUCTION/FINISHES.
7. PATCH VCT FLOORING (TO NEAREST FULL TILE) AND RUBBER BASE TO MATCH EXISTING ADJACENT FINISHES WHERE M/E/P EQUIPMENT AND/OR CASEWORK WAS REMOVED. SEE PLAN FOR APPROXIMATE SIZE.
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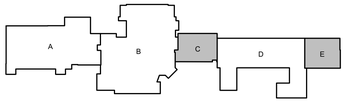
B6 / D A1.07 — PLAN DETAIL @ COMP LAB 120 CHASE

Scale: 1" = 1'-0"

FLOOR PATCH LEGEND

INDICATES AREA OF VCT AND WALL BASE PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 7.

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TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT — KERRY B. TARONE — NO. 037554 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

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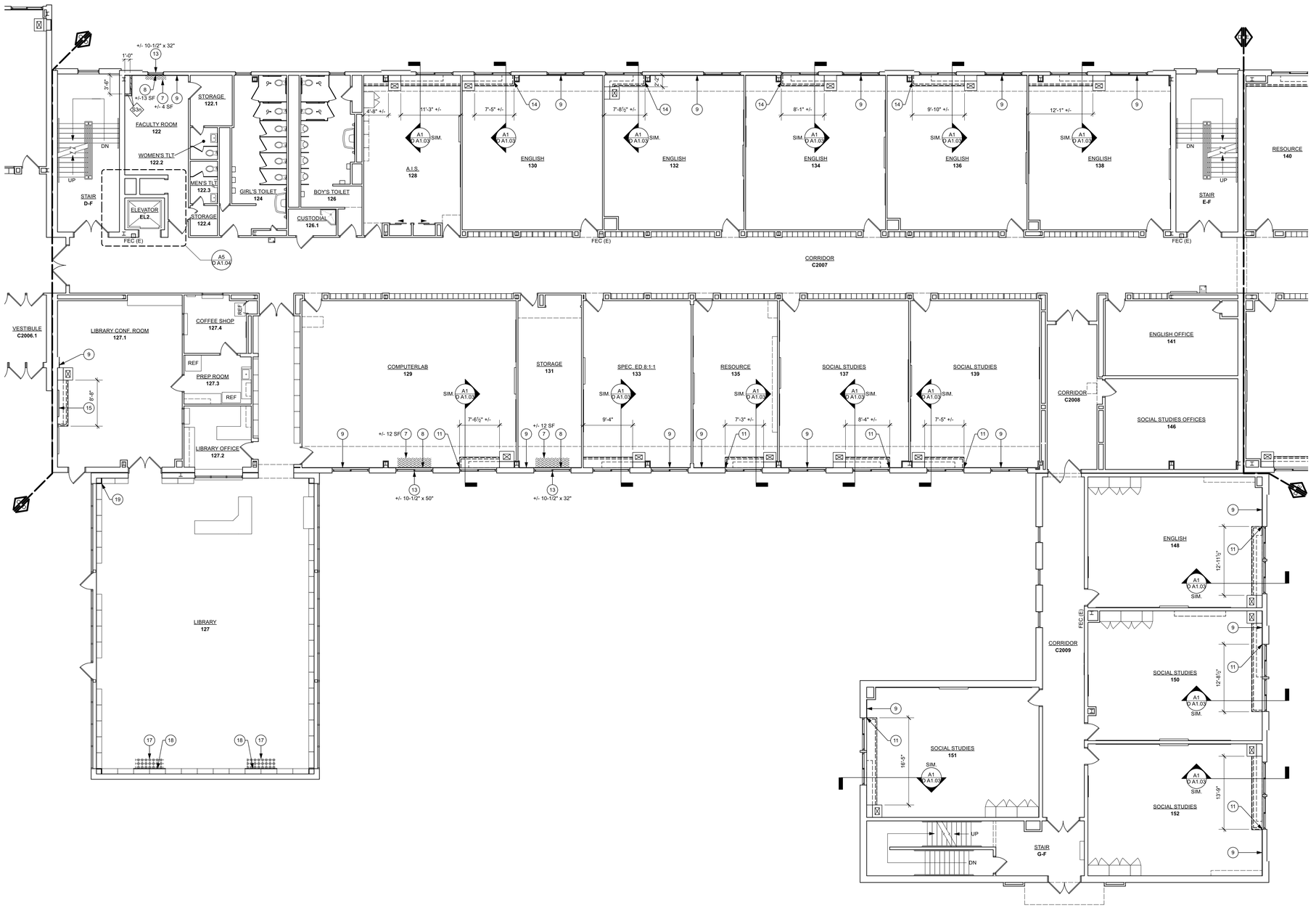
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

CONSTRUCTION PLAN - FIRST FLOOR - AREAS 'C' & 'E'

D A1.07



PROJECT NORTH

B1 / D A1.08

CONSTRUCTION PLAN - FIRST FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

KEYED CONSTRUCTION NOTES

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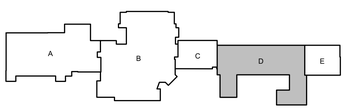
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FLOOR PATCH LEGEND

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TRUE NORTH PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KENNY B. TAPLIN No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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DRAWING DATE: **01/08/2025**

DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

CONSTRUCTION PLAN - FIRST FLOOR - AREA 'D'

D A1.08

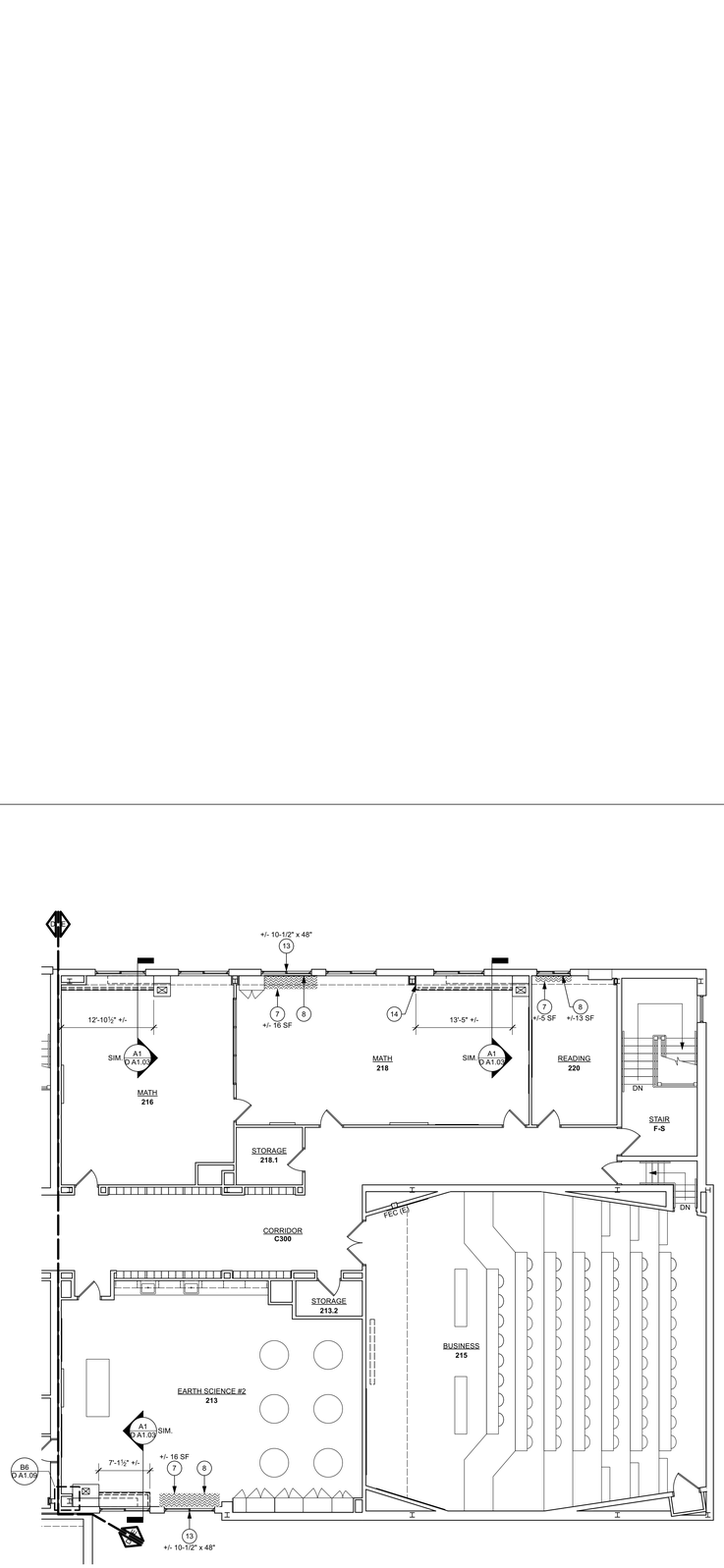
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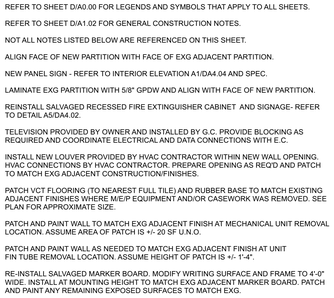
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PROJECT NORTH — A3 / D A1.09

CONSTRUCTION PLAN - SECOND FLOOR - AREA 'E'

Scale: 1/8" = 1'-0"



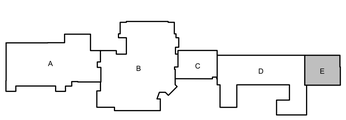
B6 / D A1.09 — PLAN DETAIL @ SCIENCE 213 COLUMN WRAP

Scale: 1" = 1'-0"

FLOOR PATCH LEGEND

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TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

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D: SENIOR HS: 03-11-01-06-0-010-030



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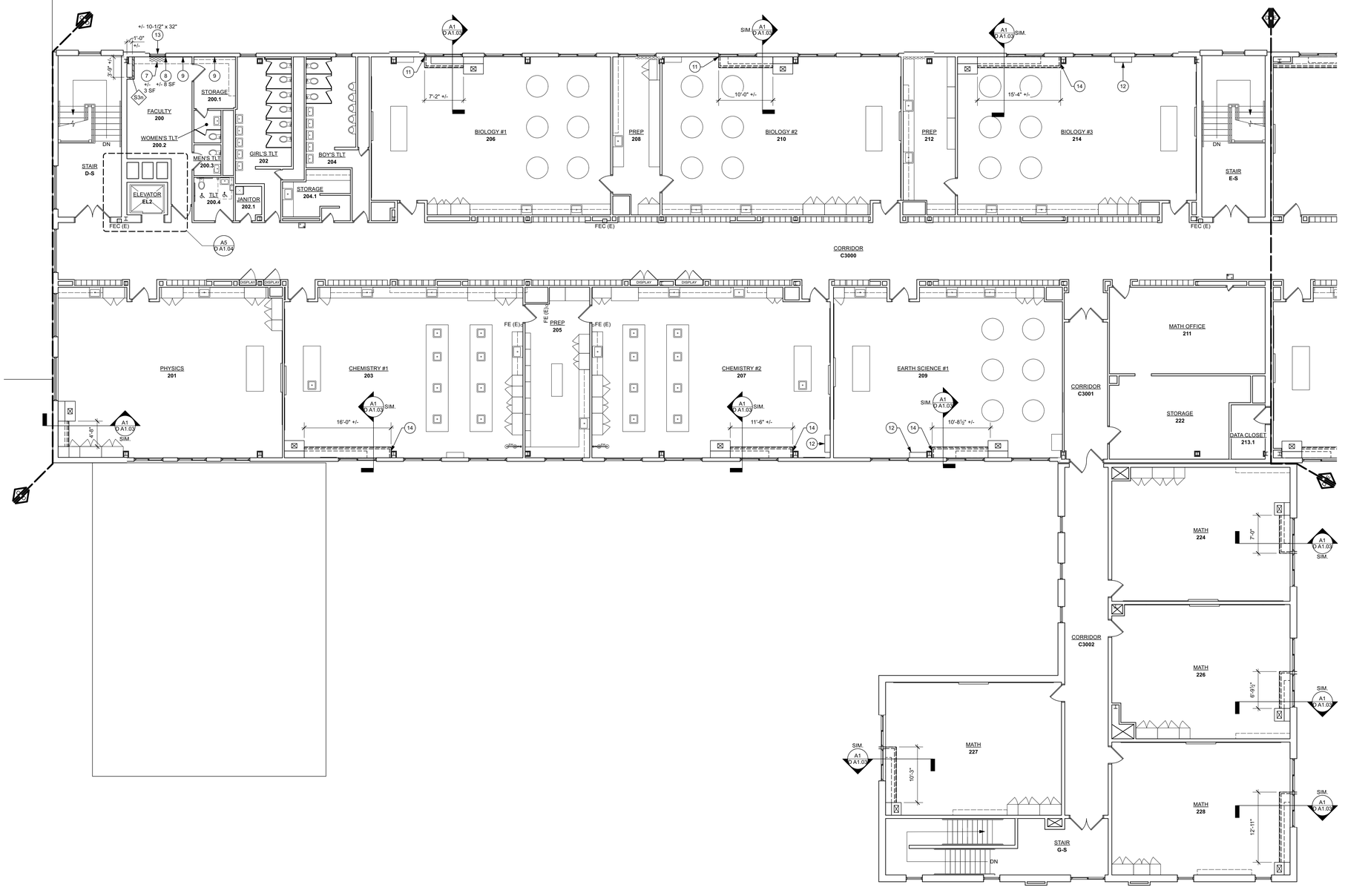
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

CONSTRUCTION PLAN - SECOND FLOOR - AREA 'E'

D A1.09



PROJECT NORTH

B1 D A1.10

CONSTRUCTION PLAN - SECOND FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

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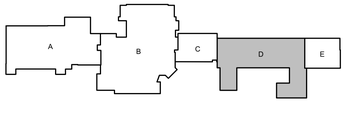
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6. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN NEW WALL OPENING. HVAC CONNECTIONS BY HVAC CONTRACTOR. PREPARE OPENING AS REQ'D AND PATCH TO MATCH EXG ADJACENT CONSTRUCTION/FINISHES.
7. PATCH VCT FLOORING (TO NEAREST FULL TILE) AND RUBBER BASE TO MATCH EXISTING ADJACENT FINISHES WHERE M/E/P EQUIPMENT AND/OR CASEWORK WAS REMOVED. SEE PLAN FOR APPROXIMATE SIZE.
8. PATCH AND PAINT WALL TO MATCH EXG ADJACENT FINISH AT MECHANICAL UNIT REMOVAL LOCATION. ASSUME AREA OF PATCH IS +/- 20 SF U.N.O.
9. PATCH AND PAINT WALL AS NEEDED TO MATCH EXG ADJACENT FINISH AT UNIT FIN TUBE REMOVAL LOCATION. ASSUME HEIGHT OF PATCH IS +/- 1'-4".
10. RE-INSTALL SALVAGED MARKER BOARD. MODIFY WRITING SURFACE AND FRAME TO 4'-0" WIDE. INSTALL AT MOUNTING HEIGHT TO MATCH EXG ADJACENT MARKER BOARD. PATCH AND PAINT ANY REMAINING EXPOSED SURFACES TO MATCH EXG.
11. ALIGN EDGE OF PARTIAL HEIGHT WALL CONSTRUCTION AND COUNTERTOP WITH EDGE OF EXG WINDOW SILL.
12. REINSTALL SALVAGED CASEWORK AND PROVIDE NEW BASE TO MATCH EXG. PATCH NEWLY EXPOSED SURFACES TO MATCH EXG AS REQUIRED.
13. HVAC CONTRACTOR TO PROVIDE NEW INSULATION PANEL AT LOCATION OF EXG LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL REMAINING OPENING AND PAINT TO MATCH EXG ADJACENT SURFACES. SEE PLAN FOR APPROXIMATE SIZE.
14. TERMINATE EDGE OF PARTIAL HEIGHT WALL CONSTRUCTION AND COUNTERTOP AT EXG COLUMN WRAP.
15. REINSTALL SALVAGED TV IN ORIGINAL LOCATION FOLLOWING THE COMPLETION OF NEW WORK.
16. REINSTALL SALVAGED TV IN NEW LOCATION FOLLOWING THE COMPLETION OF NEW WORK. MATCH EXG MOUNTING HEIGHT. COORDINATE WITH ELECTICAL CONTRACTOR.
17. PATCH CARPET TO MATCH EXG ADJACENT FINISH AT UNIT VENTILATOR REMOVAL. ASSUME AREA OF PATCH IS +/- 20 SF.
18. PROVIDE NEW WOOD PANEL AT LOCATION OF UNIT VENTILATOR REMOVAL TO MATCH EXG ADJACENT CASEWORK AND TRIM. APPROXIMATE SIZE IS 4'-0" x 6'-0", VERIFY IN FIELD. REFER TO IMAGE A5 / DA0.08.
19. REINSTALL SALVAGED WOOD PANEL PIPE ENCLOSURE FOLLOWING COMPLETION OF NEW WORK. COORDINATE WITH HVAC CONTRACTOR.
20. INSTALL PLASTIC LAMINATE PANEL SYSTEM ALONG ENTIRE LENGTH OF PARTITION UNLESS NOTED OTHERWISE. REFER TO INTERIOR ELEVATIONS AND DETAIL A4 /DA4.04.
21. MODIFY EXG LOUVER OPENING - REFER TO DETAILS ON D/A5.01. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN MODIFIED OPENING. PATCH AND PAINT WALL CONSTRUCTION TO MATCH EXG.

FLOOR PATCH LEGEND

INDICATES AREA OF VCT AND WALL BASE PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 7.

INDICATES AREA OF CARPET PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 17.



TRUE NORTH PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KENNY B. TAYLOR No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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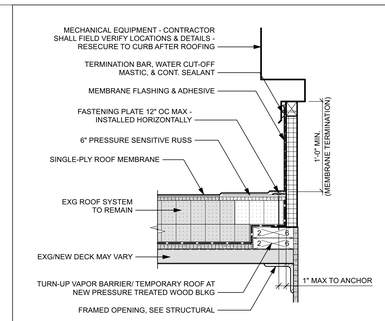
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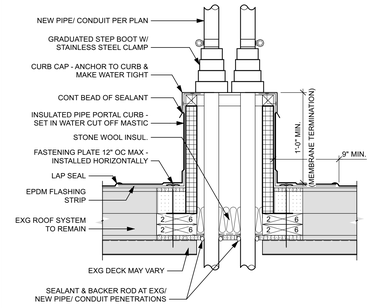
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CONSTRUCTION PLAN -SECOND FLOOR - AREA 'D'

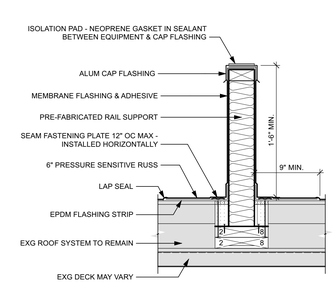
D A1.10



E2 / D A1.11 MECH. UNIT CURB DETAIL
Scale: 1 1/2" = 1'-0"



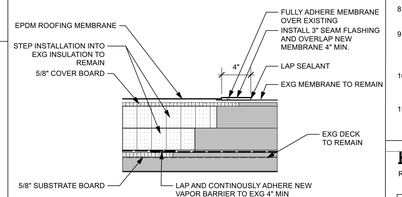
E3 / D A1.11 PIPE PORTAL DETAIL
Scale: 1 1/2" = 1'-0"



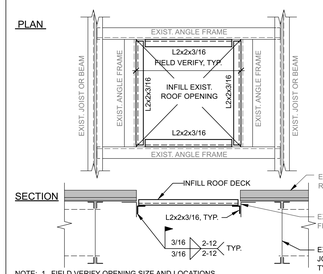
E4 / D A1.11 RAIL SUPPORT DETAIL
Scale: 1 1/2" = 1'-0"

ROOF PLAN LEGEND

SYMBOL	DESCRIPTION	DETAIL
ACCU (N)	NEW AIR CONDENSING UNIT	E4 / D A1.11
ACCU (E)	EXISTING AIR CONDENSING UNIT	---
AHU (E)	EXISTING AIR HANDLING UNIT	---
EF (E)	EXISTING EXHAUST FAN	---
EF (N)	NEW EXHAUST FAN	E2 / D A1.11
EJ (E)	EXISTING EXPANSION JOINT	---
EVAP (N)	NEW EVAPORATOR UNIT	E3 & E4 / D A1.11
HRV (E)	EXISTING HEAT RECOVERY VENT	---
IH (E)	EXISTING INTAKE HOOD	---
IH (N)	NEW INTAKE HOOD	E2 / D A1.11
RD (E)	EXISTING ROOF DRAIN	---
RL (E)	EXISTING ROOF LADDER	---
RTU (E)	EXISTING ROOF TOP UNIT	---
RTU (N)	NEW ROOFTOP UNIT	E2 / D A1.11
RV (E)	EXISTING ROOF VENT	---
SL (E)	EXISTING SKYLIGHT	---
VP (E)	EXISTING VENT PIPE	---
	ASSUMED AREA OF ROOF PATCHING TO MATCH FOLLOWING HVAC REMOVALS	
	ASSUMED AREA OF ROOF CUTTING & PATCHING AS REQ. FOR NEW WORK	
	WALKWAY PADS - 24" x 24"	



D5 / D A1.11 ROOF TIE IN DETAIL
Scale: 1 1/2" = 1'-0"



NOTE: 1. FIELD VERIFY OPENING SIZE AND LOCATIONS.
2. INFILL ROOF DECK IS 1-1/2" 20 GA. WIDE-RIB (TYPE B) GALV.
3. SPAN INFILL ROOF DECK THE SHORT DIMENSION OF THE OPENING.
4. FASTEN INFILL DECK TO ANGLE SUPPORTS ALL SIDES 12" O.C. W/ EITHER 5/8" DIA. FUSION WELDS, 0.157" DIA. POWDER-ACTUATED FASTENERS OR #10 SELF-DRILLING SCREWS.
5. IF OPENING TO BE INFILLED IS NO LARGER THAN 12"x12", COVER OPENING WITH GALV. STEEL PLATE (18 GA. PLATE FOR COVERING OPENINGS LESS THAN 8"x8" AND 16 GA. PLATE FOR 8"x8" TO 12"x12"). PLATE SIZE TO BE 3x OPENING SIZE IN BOTH DIRECTIONS. FASTEN PLATE TO EXIST. METAL DECK W/ #10 PAN HEAD SELF-DRILLING SCREWS 6" O.C. EACH WAY.

C5 / D A1.11 TYP. EXG. ROOF OPENING INFILL DETAIL - EXG ROOF DECK
Scale: 3/4" = 1'-0"

GENERAL ROOF NOTES

1. EXISTING CONDITIONS – INFORMATION SHOWN PERTAINING TO EXISTING CONDITIONS IS BASED ON VISUAL INSPECTION AND EXISTING CONSTRUCTION DOCUMENTS PROVIDED BY OWNER. ANY DISCREPANCIES DISCOVERED BY THE CONTRACTOR SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION. DESCRIPTIONS AND DETAILS OF EXISTING CONDITIONS MAY VARY FROM THOSE INDICATED.
2. EXISTING EQUIPMENT – ALL EXISTING ROOF PENETRATIONS, EQUIPMENT, AND ACCESSORIES ARE "EXISTING TO REMAIN" UNLESS INDICATED OTHERWISE. FIELD VERIFY COMPATIBILITY OF ANY NEW EQUIPMENT SIZES WITH THE EXISTING OPENINGS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
3. FIELD VERIFICATION – THE CONTRACTOR SHALL VISIT THE SITE AND FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS AND THE EXTENT OF THE WORK PRIOR TO SUBMISSION OF A BID. FIELD VERIFY ALL DIMENSIONS.
4. PROTECTION – THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS REQUIRED TO PROTECT THE ADJACENT ROOF SURFACES. ADJACENT ROOF SURFACES MAY CURRENTLY BE UNDER A MANUFACTURER'S WARRANTY. THE CONTRACTOR SHALL VERIFY CONDITIONS. ANY WORK DONE AFFECTING ADJACENT SURFACES SHALL BE BY AUTHORIZED PERSONNEL, USING MATERIALS AND METHODS ACCEPTABLE BY THE WARRANTOR. OBTAIN APPROVALS, INSPECTIONS, AND DOCUMENTATION AS NECESSARY TO SUBSTANTIATE ACCEPTANCE.
5. DECK INSPECTION – THE SCOPE OF WORK INVOLVES THE PARTIAL REMOVAL OF THE EXISTING ROOF SYSTEM TO THE EXISTING DECK. THE CONTRACTOR SHALL INSPECT THE DECK WHEN EXPOSED FOR DISTRESS OR DETERIORATION. IF DISTRESS OF DETERIORATION IS FOUND, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND THE OWNER'S REPRESENTATIVE.
6. LOADING – THE CONTRACTOR SHALL AVOID EXCESSIVE LOADING OF THE BUILDING ELEMENTS WHEN PLACING AND HANDLING ROOFING MATERIALS AND EQUIPMENT. ROOF LOADING DURING CONSTRUCTION SHOULD NOT EXCEED THE STRUCTURAL DESIGN LOAD OF 55 POUNDS PER SQUARE FOOT.
7. DEWATERING – THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVE OF STANDING WATER ON THE ROOF REQUIRED TO PERFORM THE WORK.
8. PROVIDE WALKWAY PADS CONTINUOUS AROUND CURBED ROOF EQUIPMENT & UNDER PIPE SUPPORTS AS SHOWN ON PLAN.
9. ALL WOOD NAILERS AT & OTHER MEMBRANE SECUREMENT POINTS ARE TO BE ATTACHED TO THE SUBSTRATE WITH APPROPRIATE FASTENERS FOR THE SUBSTRATE & AT SIZES & SPACINGS INCLUDING INCREASED FASTENER DENSITIES AT OUTSIDE EDGES & CORNERS AS RECOMMENDED IN FACTORY MUTUALS LOOSE PREVENTION DATA BULLETIN 1-49.
10. ANY ADDITIONAL WOOD BLOCKING ATTACHED TO BASE LAYER MUST BE ATTACHED WITH CORROSION RESISTANT NAILS OR LAG SCREWS IN PATTERN & DENSITY RECOMMENDED IN FM PDB 1-49
11. THE CONTRACTOR IS RESPONSIBLE FOR WORK AS REQ. TO SUPPORT OTHER TRADES AND THEIR SCHEDULED TASKS TO PROVIDE A WATER TIGHT ROOF ENCLOSURE AT ALL TIMES.

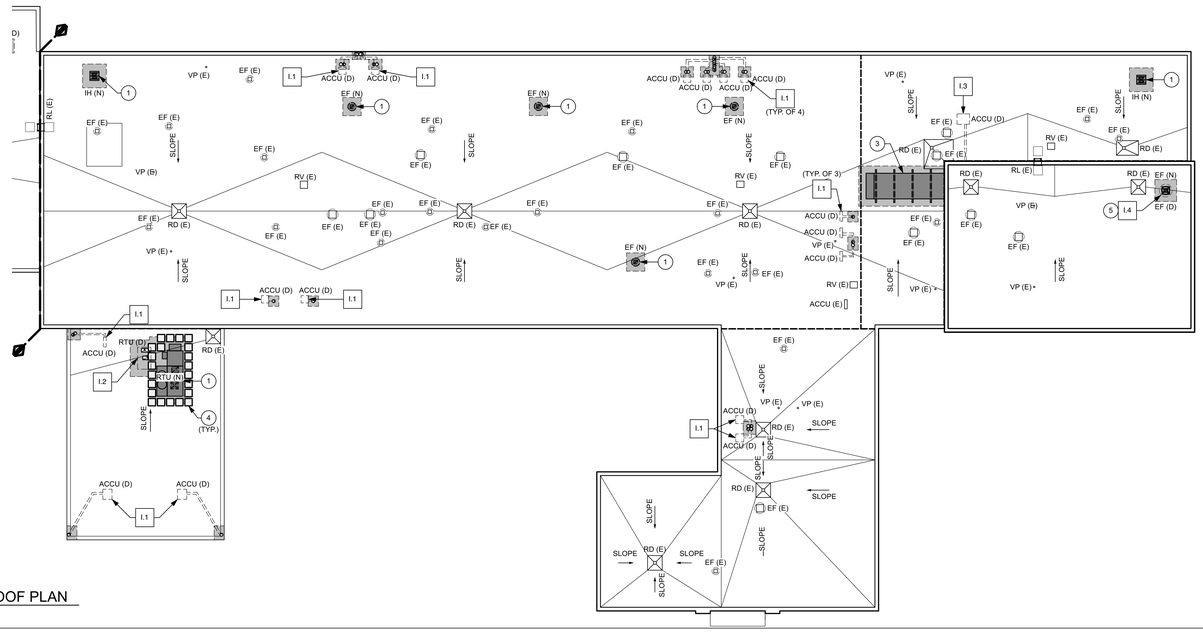
KEYED ROOFING DEMOLITION NOTES

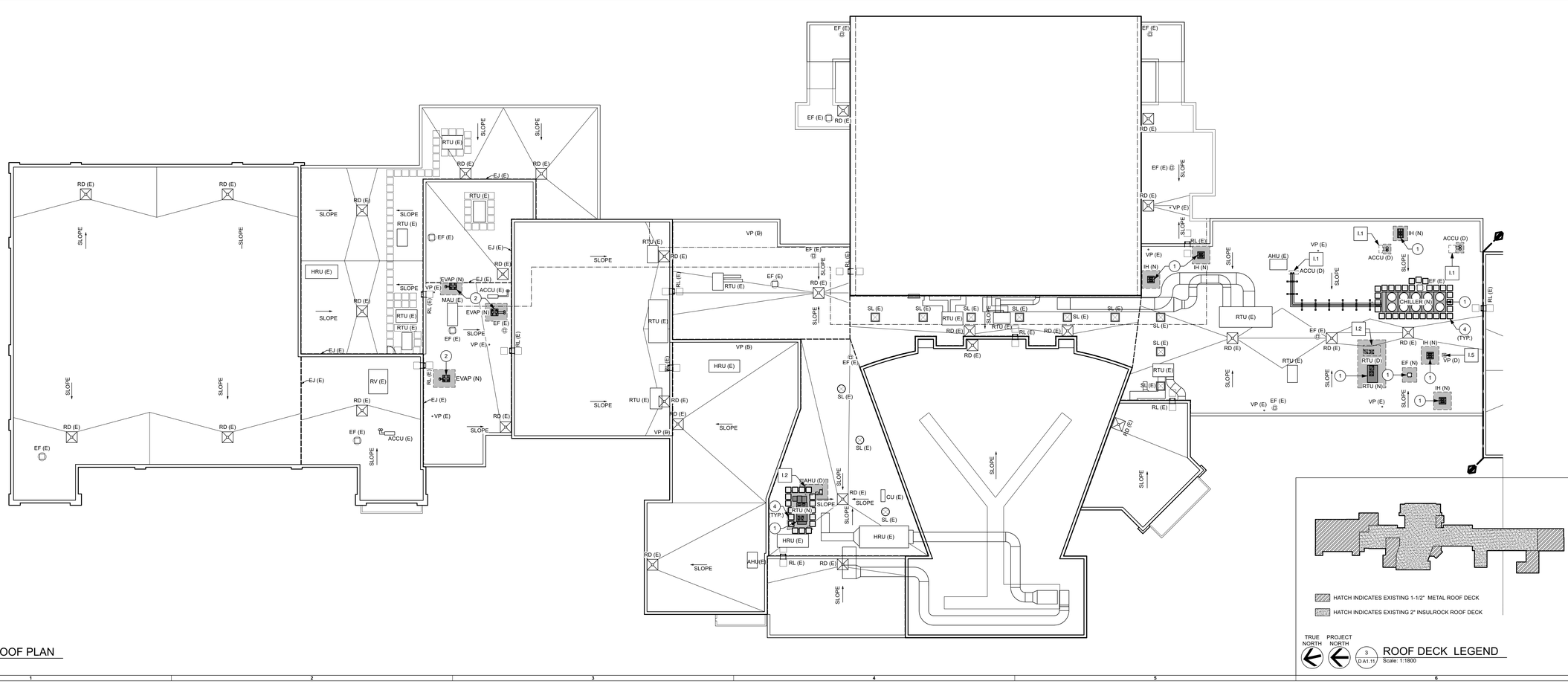
REFER TO DETAILS **C5 & D5 / DA1.11** FOR TYPICAL ROOF INFILLS.

- I.1 HVAC CONTRACTOR TO REMOVE EXISTING ACCU COMPLETE INCLUDING WOOD SLEEPERS/ EQUIPMENT RAILS & REFRIGERANT LINES. EC TO DISCONNECT ELECTRICAL BACK TO EXISTING ELECTRICAL PANEL. GENERAL CONTRACTOR TO INFILL ALL PENETRATIONS, INCLUDING PITCH BOX/PIPE PORTAL AND PREPARE DECK TO RECEIVE NEW EPDM SYSTEM AS SCHEDULED OR TO PATCH EXG EPDM SYSTEM TO MATCH EXISTING.
- I.2 EXISTING ROOF TOP UNIT AND CURB SUPPORTS REMOVED BY HVAC CONTRACTOR. EC TO DISCONNECT POWER AT ALL LOCATIONS. GENERAL CONTRACTOR TO REMOVE ROOF TOP STEEL DUNNAGE, ASSOCIATED WOOD BLOCKING AND PREPARE EXISTING OPENING FOR STRUCTURAL SUPPORT & DECK INFILL. PREPARE DECK TO RECEIVE NEW EPDM SYSTEM TO MATCH EXISTING.
- I.3 HVAC CONTRACTOR TO REMOVE EXISTING ACCU COMPLETE INCLUDING WOOD SLEEPERS/ EQUIPMENT RAILS & REFRIGERANT LINES. EC TO DISCONNECT ELECTRICAL BACK TO EXISTING ELECTRICAL PANEL. GENERAL CONTRACTOR TO INFILL ALL PENETRATIONS IN EXG EXTERIOR WALL CONSTRUCTION TO MATCH EXG. PREPARE DECK TO RECEIVE NEW EPDM SYSTEM AS SCHEDULED OR PATCH EXG EPDM SYSTEM TO MATCH EXG.
- I.4 HVAC CONTRACTOR TO REMOVE EXG EXHAUST FAN COMPLETE. EC TO DISCONNECT POWER AT ALL LOCATIONS. EXG CURB TO REMAIN AND BE MODIFIED TO SUPPORT NEW EQUIPMENT.
- I.5 HVAC CONTRACTOR TO REMOVE EXG VENT PIPE COMPLETE. GC TO PREPARE DECK FOR PATCHING TO MATCH EXG EPDM SYSTEM.

KEYED ROOFING CONSTRUCTION NOTES

1. ROOF TOP UNIT BY HVAC CONTRACTOR. FOR UNITS LOCATED ON EXISTING ROOF CONSTRUCTION, CUT AWAY EXISTING EPDM ROOFING SYSTEM & DECK TO ALLOW FOR INSTALLATION OF NEW ROOF TOP UNIT. GC TO CUT OPENING IN DECK AND PROVIDE STRUCTURAL SUPPORT. HVAC CONTRACTOR TO PROVIDE NEW ROOF CURB TO GENERAL CONTRACTOR FOR INSTALL PER DETAIL **E2 / DA1.11**. COORDINATE WITH HVAC CONTRACTOR FOR NEW ROOF TOP UNIT LOCATIONS & SIZES.
2. EVAP BY HVAC CONTRACTOR. GC TO CUT OPENING IN DECK AND PROVIDE STRUCTURAL SUPPORT. HVAC CONTRACTOR TO PROVIDE NEW RAIL SUPPORTS, PIPE PORTAL & CAP TO GC FOR INSTALL PER DETAILS **E4 / DA1.11 & E3 / DA1.11**.
3. EXTERIOR DUCTWORK BY HVAC CONTRACTOR. CUT AWAY EXISTING EPDM ROOFING SYSTEM TO ALLOW FOR INSTALLATION OF NEW RAIL SUPPORTS TO SUPPORT NEW DUCTWORK; SEE RAIL SUPPORT DETAIL **E4 / DA1.11**.
4. PROVIDE/ INSTALL WALKWAY PADS AS SPECIFIED AROUND NEW ROOF TOP EQUIPMENT
5. EXHAUST FAN BY HVAC CONTRACTOR. GC TO INFILL A PORTION OF THE EXG ROOF OPENING TO MATCH EXG EPDM SYSTEM. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR. REFER TO DETIALS **C5 & D5 / DA1.11** FOR TYPICAL ROOF INFILLS.





king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY B. TARONE NO. 037554 STATE OF NEW YORK

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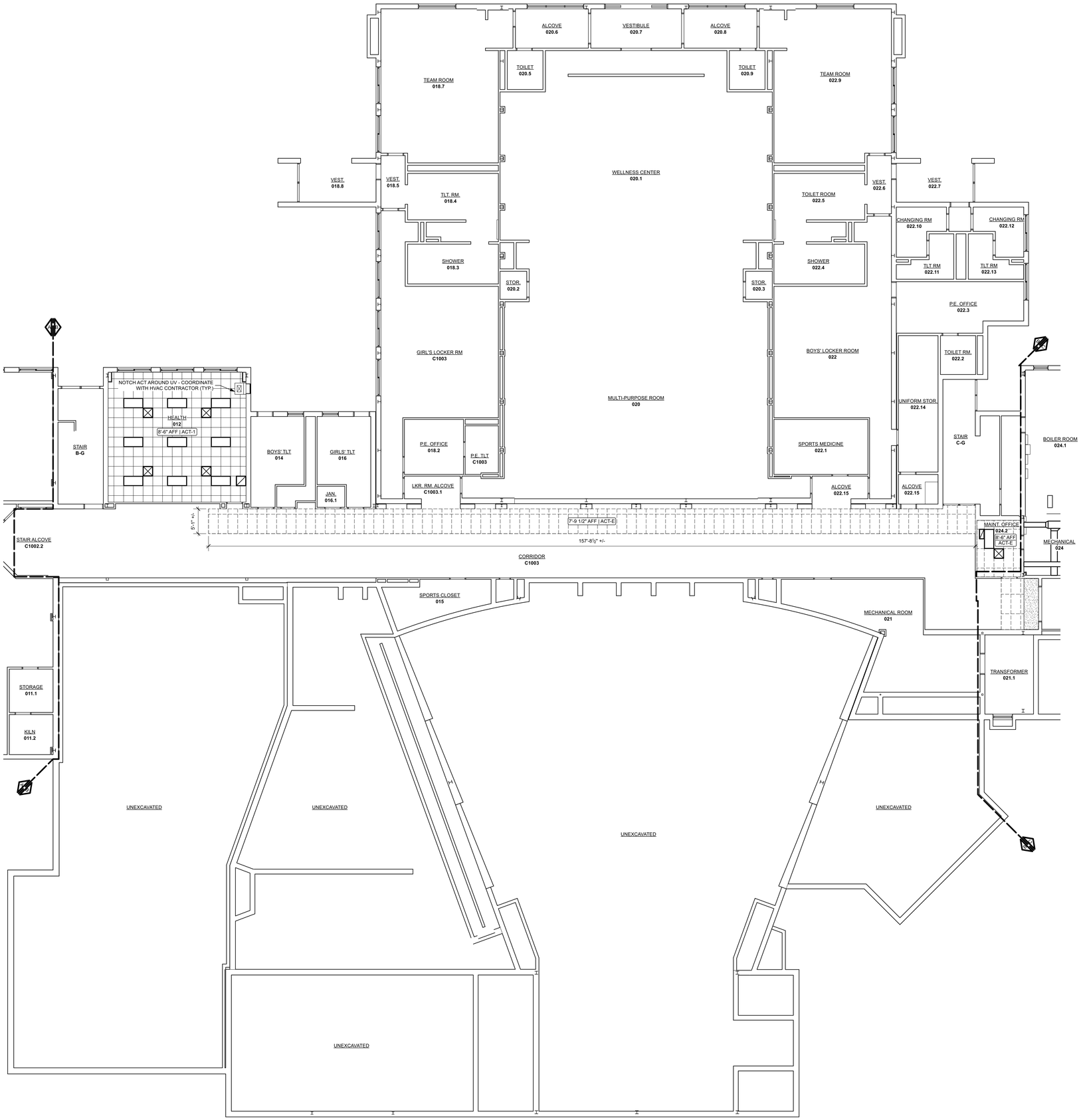
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ROOF PLAN & DETAILS

D A1.11



PROJECT NORTH — A1 / D A2.02

REFLECTED CEILING PLAN - GROUND FLOOR - AREA 'B'

Scale: 1/8" = 1'-0"

GENERAL RCP NOTES

1. REFER TO SHEET D/A0.00 FOR REFLECTED CEILING PLAN SYMBOLS.
2. REFER TO FINISH LEGEND AND SPECIFICATIONS FOR CEILING FINISHES AND SYSTEMS.
3. INSTALL ALL CEILING MOUNTED EQUIPMENT IN THE CENTER OF CEILING TILE.
4. COORDINATE CEILING MOUNTED EQUIPMENT, FIXTURE SIZES AND LOCATION WITH HVAC/ELECTRICAL/FIRE PROTECTION/PLUMBING DRAWINGS.
5. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN REFLECTED CEILING PLAN AND HVAC/ELECTRICAL/FIRE PROTECTION/PLUMBING DRAWINGS.
6. CENTER GRID IN THE N,S,E &W DIRECTIONS OF ALL SPACES UNLESS OTHERWISE NOTED.
7. DAMAGE TO ANY CEILING TILE OR GRID THAT IS SCHEDULED TO BE REMOVED AND REINSTALLED SHALL BE REPLACED WITH THE SAME PRODUCT BY THE G.C. PRIOR TO REINSTALLATION.
8. NEW CEILINGS TO BE INSTALLED AT EXISTING CEILING HEIGHT UNLESS OTHERWISE NOTED.

KEYED RCP NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A2.02 FOR GENERAL RCP NOTES.

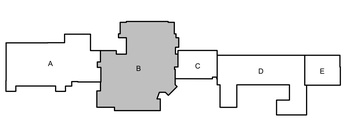
NOT ALL NOTES LISTED BEOW ARE REFERENCED ON THIS SHEET.

1. EXG SOFFIT AND/OR BULKHEAD TO REMAIN. PATCH AND PAINT AS SCHEDULED.
2. RECONSTRUCT EXG SOFFIT IN AREA REMOVED FOR M/E/P ACCESS. PAINT GPDW TO MATCH EXG. COORDINATE WITH HVAC CONTRACTOR.
3. ACT CEILING AND GRID ALIGN WITH WINDOW HEAD RETURN. NOTCH GRID AROUND EXG WINDOW TRIM.
4. GPDW SOFFIT TO ACT - REFER TO DETAIL A3 / DA2.08.
5. GPDW WINDOW WELL - REFER TO DETAIL B6 / DA2.07. ALIGN EDGES OF WINDOW WELL WITH WINDOW OPENING.
6. REINSTALL SALVAGED CEILING CLOUDS - COORDINATE WITH ELEC CONTRACTOR FOR REINSTALLATION OF INTEGRATED LIGHT FIXTURES
7. GPDW SOFFIT TO WINDOW WELL - REFER TO DETAIL C6/DA2.07. ALGN EDGES OF WINDOW WELL WITH WINDOW OPENING.
8. RE-FRAME EXG SOFFIT AS REQUIRED TO SUPPORT NEW OPENING AT UV. PATCH AND PAINT GPDW TO MATCH EXG. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

RCP LEGEND

REPRESENTS NEW ACT AND GRID

REPRESENTS SALVAGED ACT AND GRID TO BE REWORKED AND REINSTALLED TO ACCOMODATE NEW WORK.



TRUE NORTH — PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

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REGISTERED ARCHITECT — KENNY B. TANG — No. 037564 — STATE OF NEW YORK

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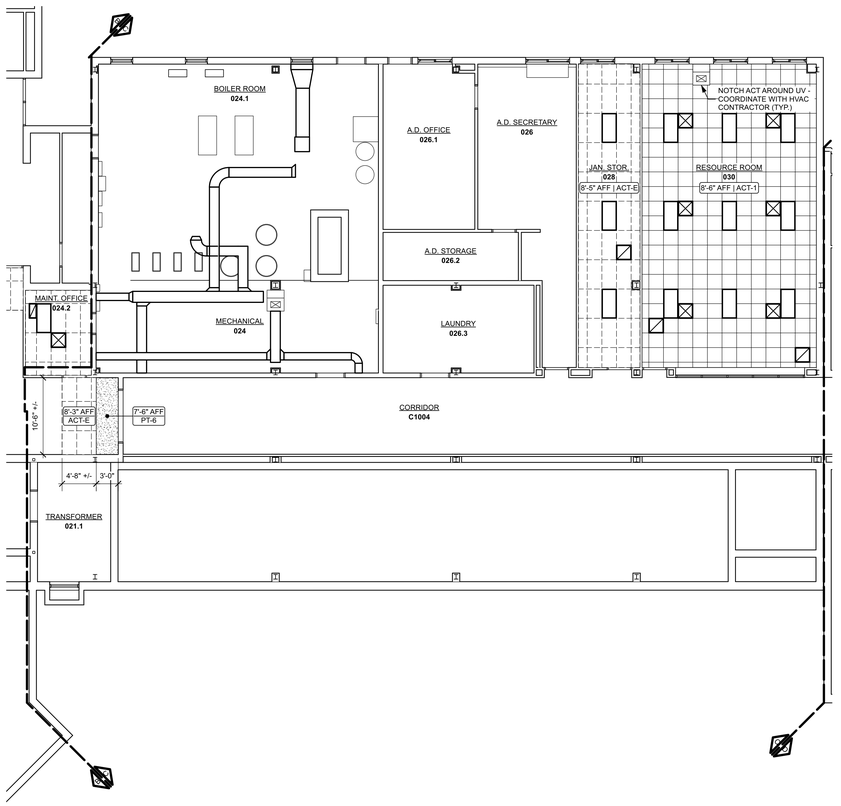
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REFLECTED CEILING PLAN - GROUND FLOOR - AREA 'B'

D A2.02



PROJECT NORTH

C3 / D A2.03

REFLECTED CEILING PLAN - GROUND FLOOR - AREA 'C'

Scale: 1/8" = 1'-0"

KEYED RCP NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A2.02 FOR GENERAL RCP NOTES.

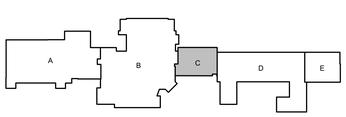
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6. REINSTALL SALVAGED CEILING CLOUDS - COORDINATE WITH ELEC CONTRACTOR FOR REINSTALLATION OF INTEGRATED LIGHT FIXTURES
7. GPDW SOFFIT TO WINDOW WELL - REFER TO DETAIL C6/DA2.07. ALGN EDGES OF WINDOW WELL WITH WINDOW OPENING.
8. RE-FRAME EXG SOFFIT AS REQUIRED TO SUPPORT NEW OPENING AT UV. PATCH AND PAINT GPDW TO MATCH EXG. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

RCP LEGEND

REPRESENTS NEW ACT AND GRID

REPRESENTS SALVAGED ACT AND GRID TO BE REWORKED AND REINSTALLED TO ACCOMODATE NEW WORK.



TRUE NORTH / PROJECT NORTH

KEY PLAN

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No. 37554
STATE OF NEW YORK

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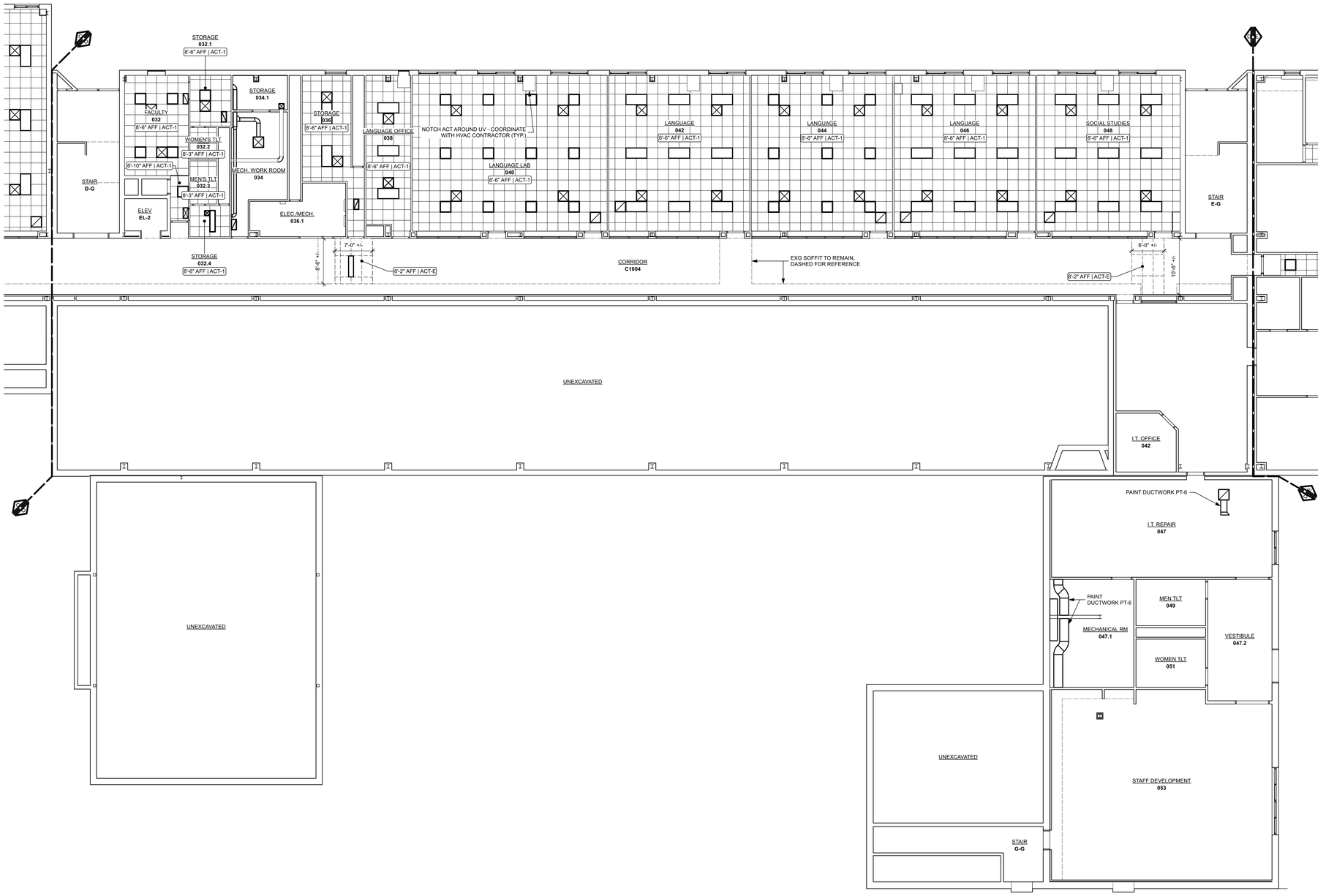
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SCALE: **Sheet Scale**

DRAWING TITLE:

REFLECTED CEILING PLAN - GROUND FLOOR - AREAS 'C' & 'E'

D A2.03



PROJECT NORTH

B1 / D A2.04

REFLECTED CEILING PLAN - GROUND FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

KEYED RCP NOTES

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REFER TO SHEET D/A2.02 FOR GENERAL RCP NOTES.

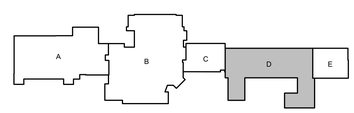
NOT ALL NOTES LISTED BEOW ARE REFERENCED ON THIS SHEET.

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3. ACT CEILING AND GRID ALIGN WITH WINDOW HEAD RETURN. NOTCH GRID AROUND EXG WINDOW TRIM.
4. GPDW SOFFIT TO ACT - REFER TO DETAIL A3 / DA2.08.
5. GPDW WINDOW WELL - REFER TO DETAIL B6 / DA2.07. ALIGN EDGES OF WINDOW WELL WITH WINDOW OPENING.
6. REINSTALL SALVAGED CEILING CLOUDS - COORDINATE WITH ELEC CONTRACTOR FOR REINSTALLATION OF INTEGRATED LIGHT FIXTURES
7. GPDW SOFFIT TO WINDOW WELL - REFER TO DETAIL C6/DA2.07. ALGN EDGES OF WINDOW WELL WITH WINDOW OPENING.
8. RE-FRAME EXG SOFFIT AS REQUIRED TO SUPPORT NEW OPENING AT UV. PATCH AND PAINT GPDW TO MATCH EXG. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

RCP LEGEND

REPRESENTS NEW ACT AND GRID

REPRESENTS SALVAGED ACT AND GRID TO BE REWORKED AND REINSTALLED TO ACCOMODATE NEW WORK.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY S. TARPLEY NO. 037559 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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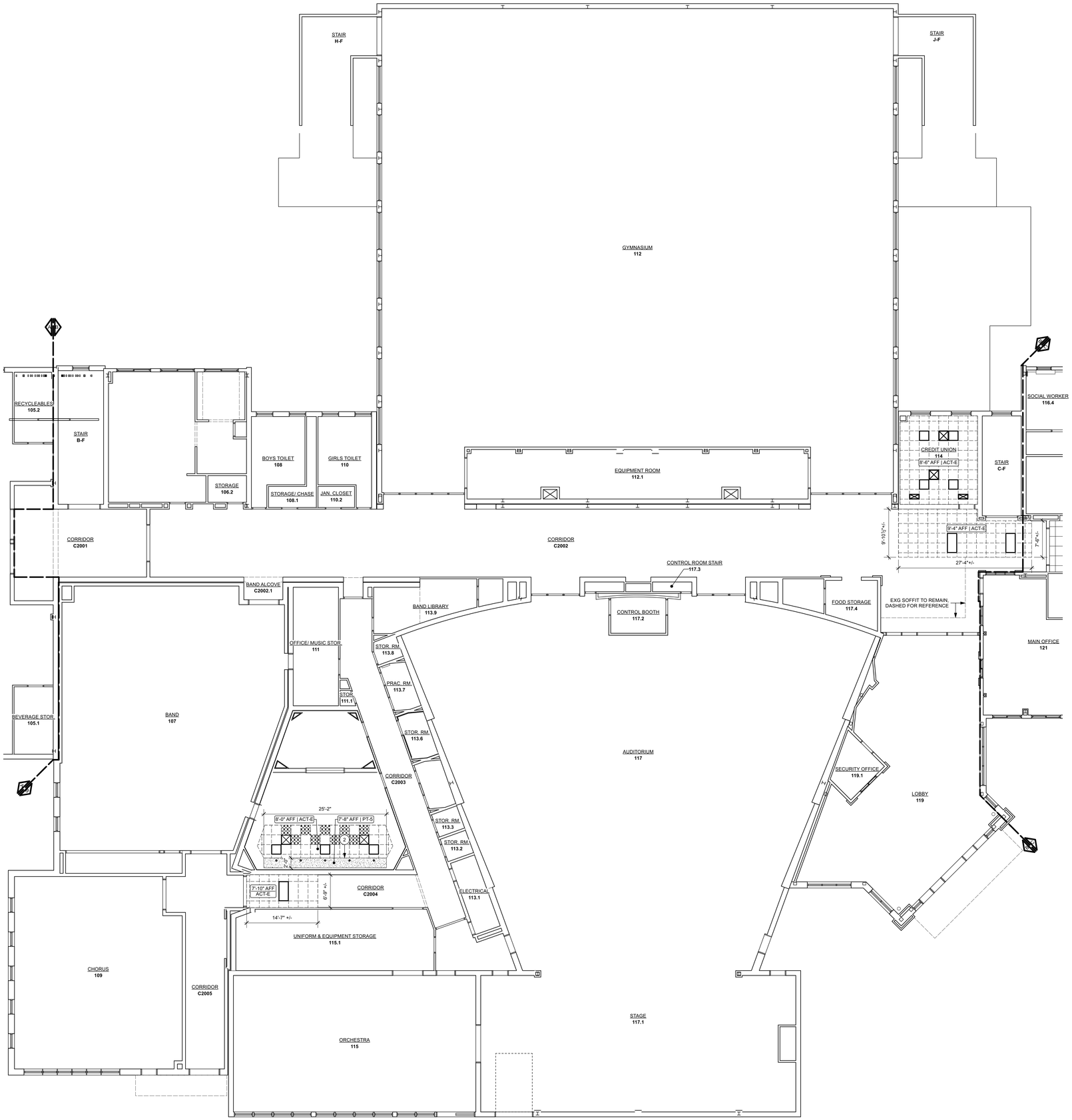
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DRAWING TITLE:

REFLECTED CEILING PLAN - GROUND FLOOR - AREA 'D'

D A2.04



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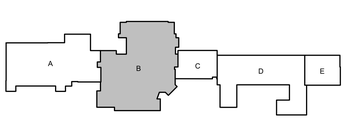
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RCP LEGEND

REPRESENTS NEW ACT AND GRID

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TRUE NORTH / PROJECT NORTH

KEY PLAN

PROJECT NORTH

A1 / D A2.06

REFLECTED CEILING PLAN - FIRST FLOOR - AREA 'B'

Scale: 1/8" = 1'-0"

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KENNY B. TANG No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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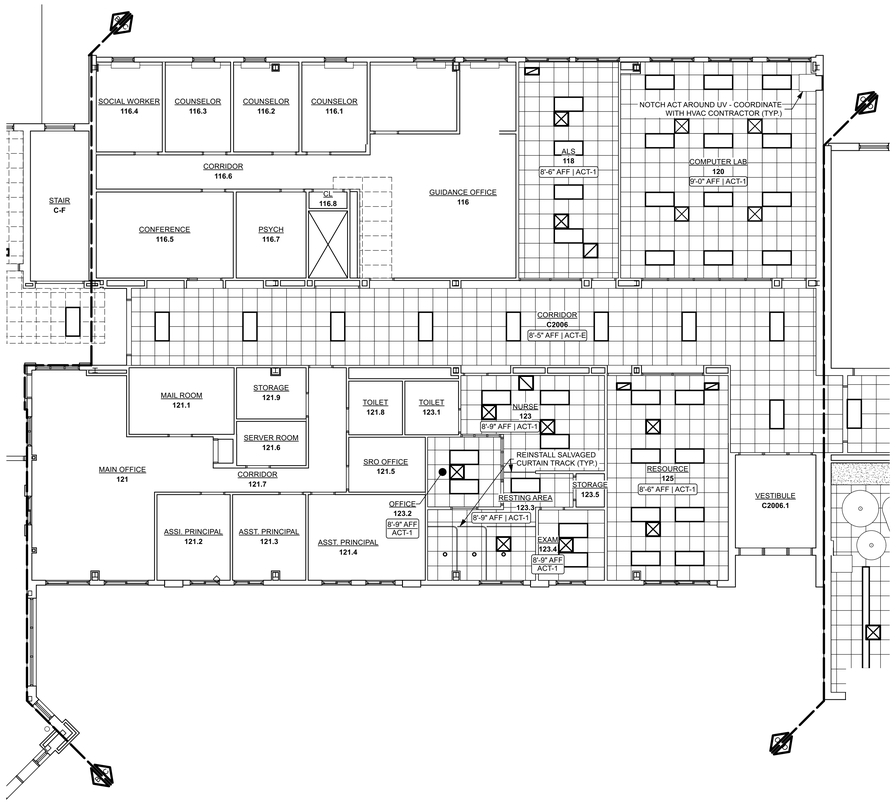
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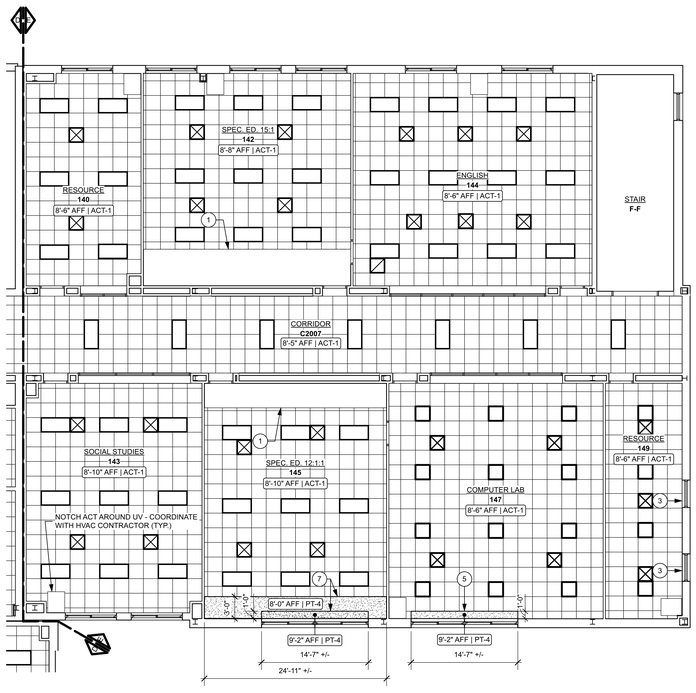
DRAWING TITLE:

REFLECTED CEILING PLAN - FIRST FLOOR - AREA 'B'

D A2.06



PROJECT NORTH — C3 / D A2.07 — REFLECTED CEILING PLAN - FIRST FLOOR - AREA 'C'
Scale: 1/8" = 1'-0"



PROJECT NORTH — A3 / D A2.07 — REFLECTED CEILING PLAN - FIRST FLOOR - AREA 'E'
Scale: 1/8" = 1'-0"

KEYED RCP NOTES

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REFER TO SHEET D/A2.02 FOR GENERAL RCP NOTES.

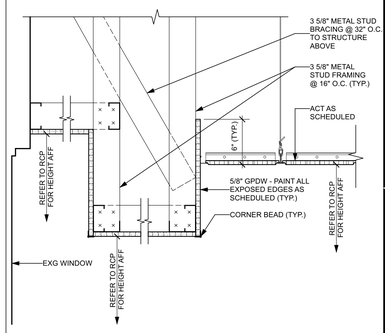
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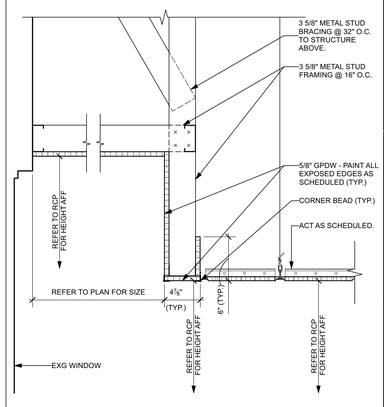
RCP LEGEND

REPRESENTS NEW ACT AND GRID

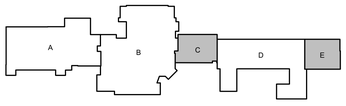
REPRESENTS SALVAGED ACT AND GRID TO BE REWORKED AND REINSTALLED TO ACCOMODATE NEW WORK.



C6 / D A2.07 — WINDOW WELL TO GPDW SOFFIT TO ACT
Scale: 1 1/2" = 1'-0"



B6 / D A2.07 — ACT TO GPDW WINDOW WELL
Scale: 1 1/2" = 1'-0"



TRUE NORTH / PROJECT NORTH — KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBERS:
D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT — KERRY B. TARBOX — NO. 037554 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

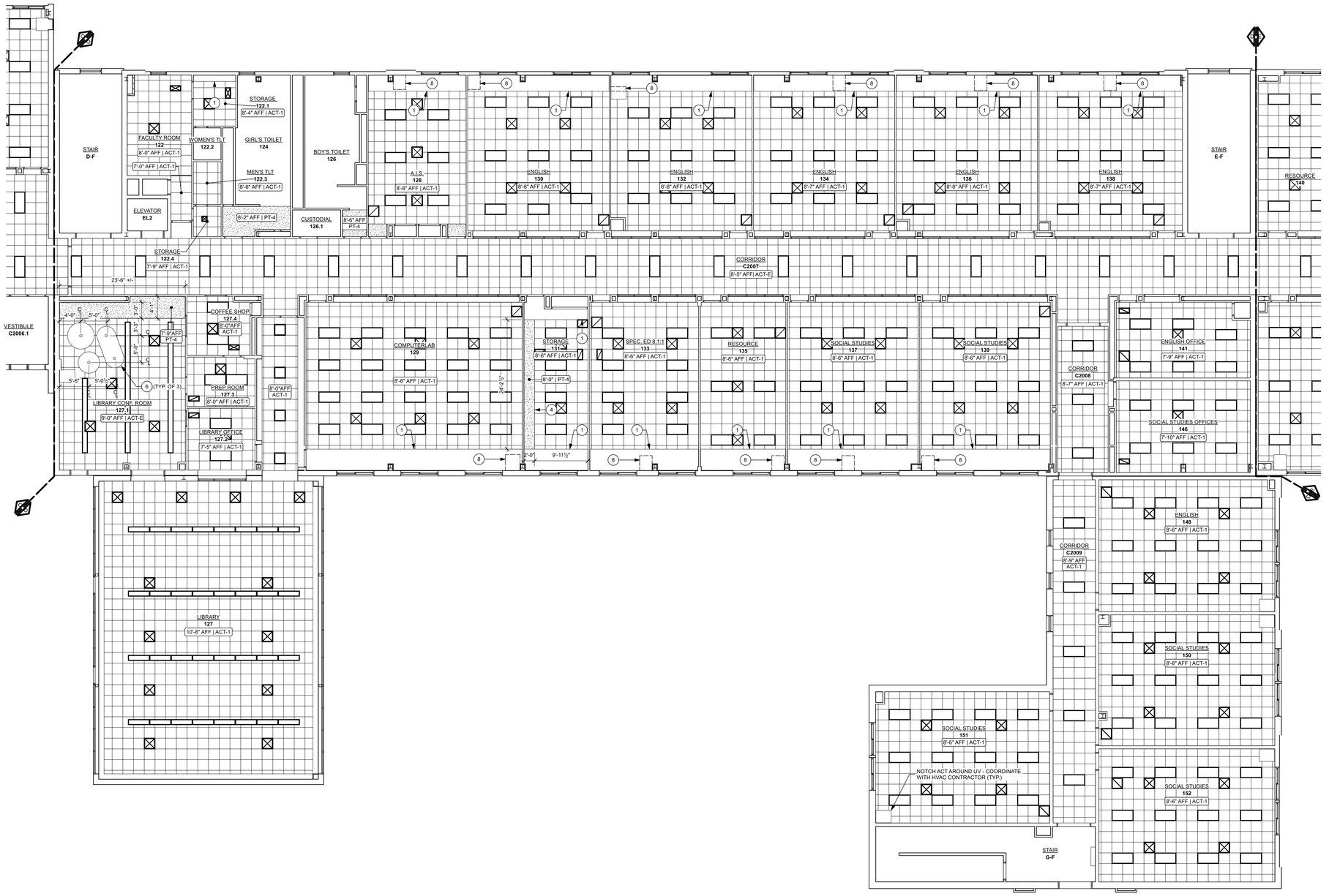
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SCALE: Sheet Scale
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REFLECTED CEILING PLAN - FIRST FLOOR - AREAS 'C' & 'E'

D A2.07



PROJECT NORTH

B1 / D A2.08

REFLECTED CEILING PLAN - FIRST FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

KEYED RCP NOTES

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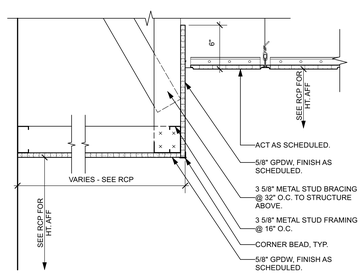
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RCP LEGEND

REPRESENTS NEW ACT AND GRID

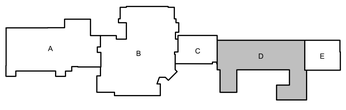
REPRESENTS SALVAGED ACT AND GRID TO BE REWORKED AND REINSTALLED TO ACCOMODATE NEW WORK.



A3 / D A2.08

GPDW SOFFIT TO ACT

Scale: 1 1/2" = 1'-0"



TRUE NORTH PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT
KENNY B. TARLIN
No. 037554
STATE OF NEW YORK

License Expiration Date: 5/31/2026

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D A2.08

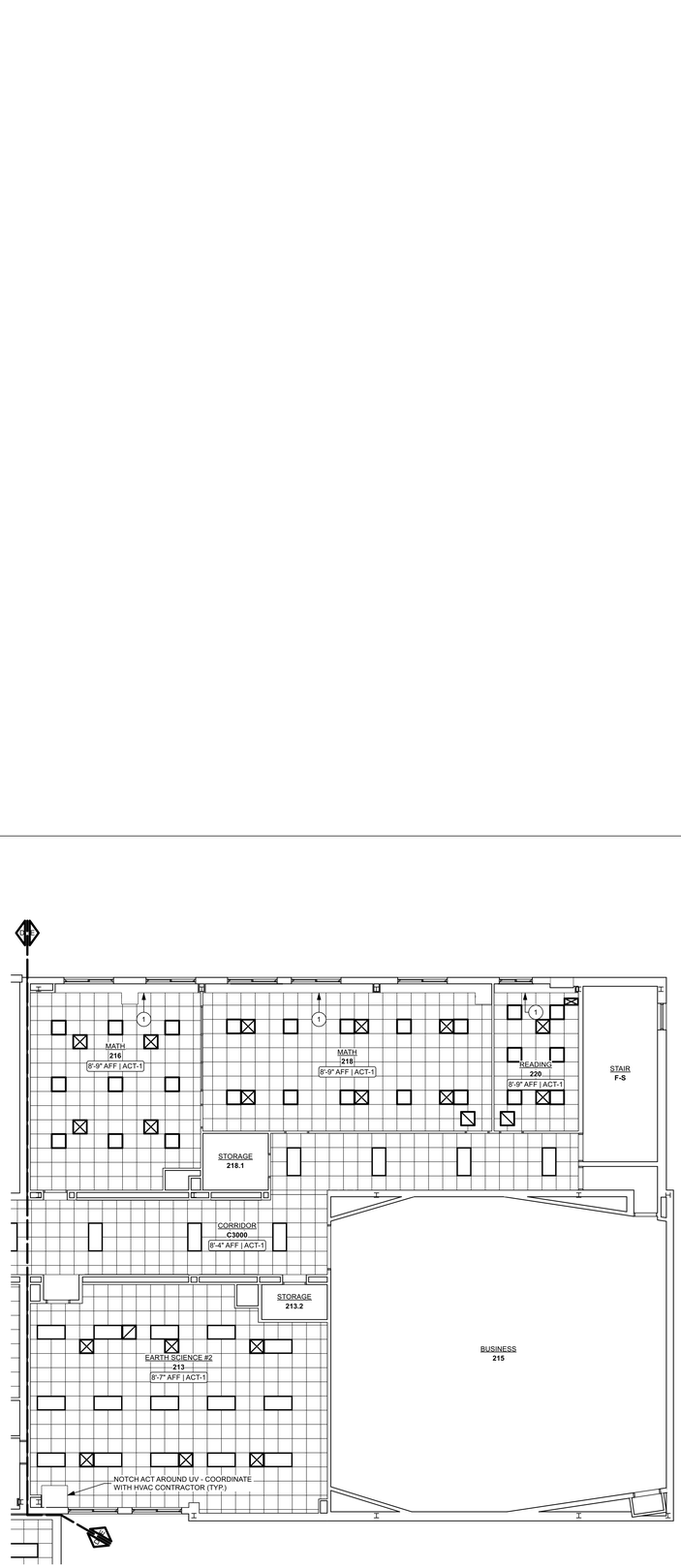
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PROJECT NORTH — A3 / D A2.09

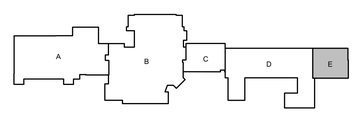
REFLECTED CEILING PLAN - SECOND FLOOR - AREA 'E'

Scale: 1/8" = 1'-0"

RCP LEGEND

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TRUE NORTH / PROJECT NORTH

KEY PLAN

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REFLECTED CEILING PLAN - SECOND FLOOR - AREA 'E'

D A2.09



PROJECT NORTH

B1 / D A2.10

REFLECTED CEILING PLAN - SECOND FLOOR - AREA 'D'

Scale: 1/8" = 1'-0"

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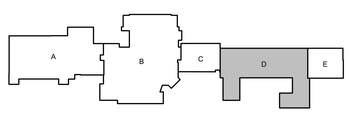
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RCP LEGEND

REPRESENTS NEW ACT AND GRID

REPRESENTS SALVAGED ACT AND GRID TO BE REWORKED AND REINSTALLED TO ACCOMODATE NEW WORK.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
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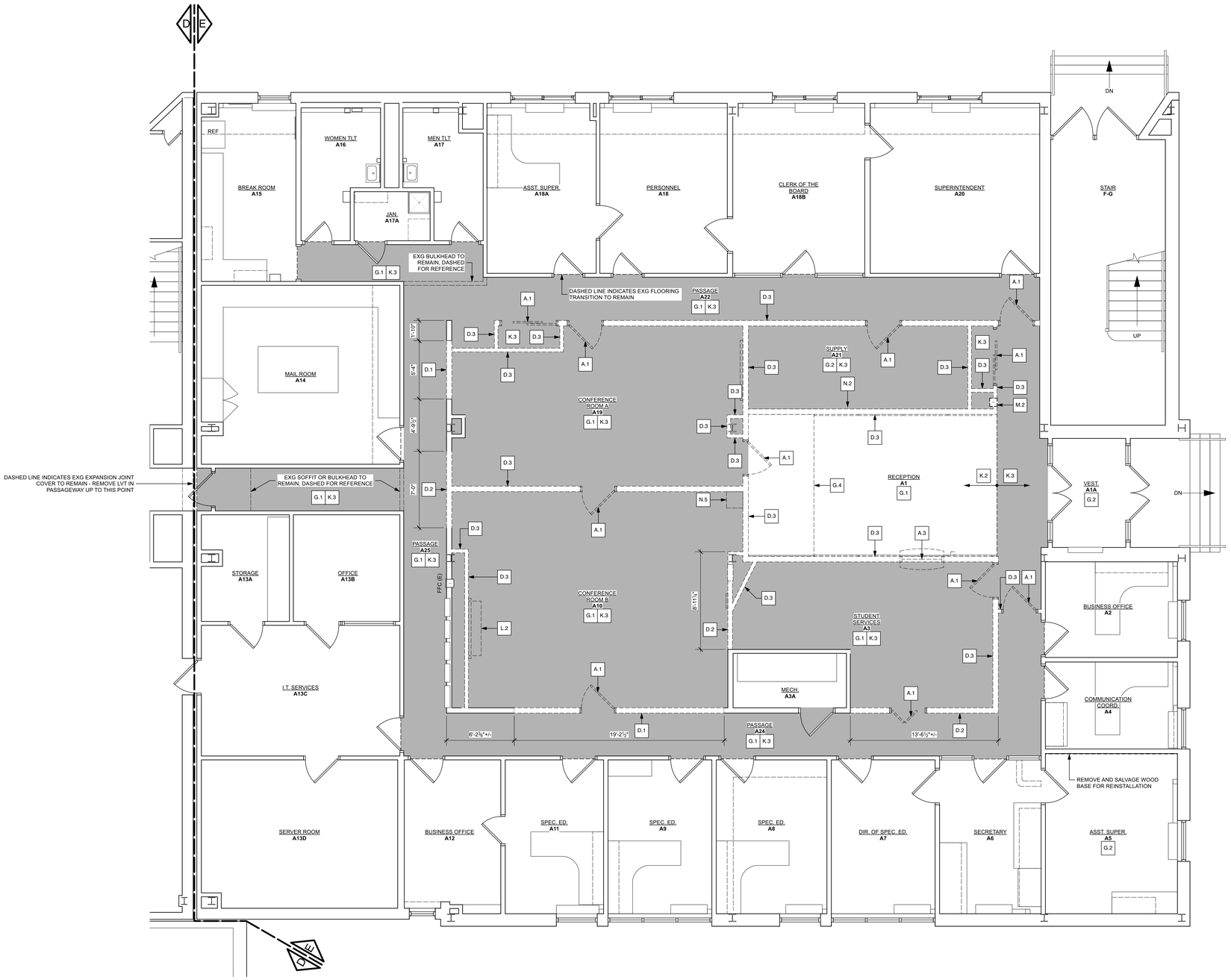
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

REFLECTED CEILING PLAN - SECOND FLOOR - AREA 'D'

D A2.10



PROJECT NORTH

B1 / D A4.01

PARTIAL ENLARGED DEMOLITION PLAN - DISTRICT OFFICE

Scale: 1/4" = 1'-0"

KEYED DEMOLITION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A0.02 FOR GENERAL DEMOLITION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

A. WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

A.2 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR INFILL CONSTRUCTION AS SCHEDULED.

A.3 REMOVE INTERIOR VISION PANEL, FRAME, AND ALL ATTACHMENTS COMPLETE. PREPARE OPENING FOR NEW WORK.

D. INTERIOR WALL AND FINISH DEMOLITION

WALL CONSTRUCTION:

D.1 CUT OPENING IN STUD WALL CONSTRUCTION WHERE INDICATED. PREPARE OPENING TO RECIEVE NEW DOOR, FRAME, AND HARDWARE AS SCHEDULED.

D.2 REMOVE A PORTION OF STUD WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECIEVE NEW FINISH AS SCHEDULED.

D.3 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE CONCEALED SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PATCH WALLS TO MATCH ADJACENT FINISHED SURFACES AND PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILING AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH CONSTRUCTION DRAWINGS. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. EXISTING SUSPENSION SYSTEM AND TILES TO BE REWORKED TO ACCOMODATE NEW CONSTRUCTION (WHERE APPLICABLE). GC IS RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXISTING.

G.4 REMOVE DRYWALL SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH WALL SURFACE TO MATCH EXISTING AND PREPARE FOR NEW FINISH AS SCHEDULED.

G.5 REMOVE SPECIALTY CEILING CLOUDS AND SUSPENSION SYSTEM COMPLETE. COORDINATE WITH ELECTRICAL CONTRACTOR FOR REMOVAL OF INTEGRATED LIGHT FIXTURES.

G.6 NOT USED.

G.7 REMOVE CEILING MOUNTED ROOM DIVIDER TRACK AND ACCESSORIES COMPLETE.

G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK. SEE PLAN FOR SIZE AND COORDINATE WITH HVAC CONTRACTOR.

G.9 REMOVE A PORTION OF DRYWALL SOFFIT AND FRAMING AS REQUIRED FOR NEW UV, TRIM AND DUCTWORK CONNECTION. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

H.1 CUT OPENING IN MASONRY WALL AND TOOTH-IN JAMBS FOR NEW LOUVER AS SCHEDULED. INSTALL LINTEL PER DETAIL ON SHEET D/A5.01 AND PATCH FINISHES TO MATCH EXISTING.

H.2 CUT OPENING IN EXG MASONRY WALL TO ENLARGE EXG OPENING FOR NEW LOUVER AS SCHEDULED. HVAC CONTRACTOR TO REMOVE EXG LOUVER AND PROVIDE NEW. REFER TO DETAILS ON D/A5.01. EXG LINTEL TO REMAIN AND BE RE-USED.

I. ROOF DEMOLITION

REFER TO ROOF PLAN(S).

J. STEEL DEMOLITION

REFER TO STRUCTURAL DRAWINGS.

K. FLOOR DEMOLITION

K.1 REMOVE VINYL FLOOR, BASE, AND MASTIC COMPLETE. REMOVE REMAINING MASTIC WITH SOLVENT ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.2 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE WITH METHOD ACCEPTABLE TO ARCHITECT AND NEW FLOORING MANUFACTURER. PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE, IN LOCATIONS WHERE CARPET AND/OR LVT OVERLAYS VINYL ASBESTOS FLOORING. ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR LVT - REFER TO ENVIRONMENTAL DRAWINGS. GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLTION.

K.4 REMOVE PARTIAL VINYL TILE AND MASTIC COMPLETE TO FIRST EXISTING FULL TILE AT LOCATION OF MECHANICAL UNIT REMOVAL BY OTHERS. REMOVE MASTIC WITH SOLVENT ACCEPTALE TO ARCHITECT AND MANUFACTURER OF NEW FLOORING MATERIAL. PREPARE SLAB SURFACE INCLUDING CEMENTITIOUS UNDERLAYMENT AS NEEDED. PATCH TO MATCH EXG FLOOR FINISH.

L. MILLWORK DEMOLITION

L.1 REMOVE TALL CABINET, BASE AND ALL ASSOCIATED CONSTRUCTION COMPLETE. SALVAGE CABINET FOR REINSTALLATION. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

L.2 REMOVE WALL CABINET AND ALL ASSOCIATED CONSTRUCTION COMPLETE. PATCH ALL HOLES AND OPENINGS TO MATCH EXISTING AND PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS, MIRRORS, AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. TURN OVER TO OWNER OR DISPOSE AS DIRECTED. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.2 REMOVE RECESSED FIRE EXTINGUISHER CABINET, ACCESSORIES, AND SIGNAGE COMPLETE. STORE ON SITE WHERE DIRECTED BY OWNER TO SALVAGE FOR REINSTALLATION.

M.3 REMOVE ALL WALL MOUNTED ITEMS INCLUDING (BUT NOT LIMITED TO) CHALKMARKER/TACK BOARDS AND TACK STRIPS, MAP HOOKS, SHELVES, PAPER TOWEL DISPENSERS AND MISCELLANEOUS EQUIPMENT MOUNTING BACKBOARDS AND HARDWARE, LEAVING ONLY THE BARE WALL FINISH. SALVAGE FOR REINSTALLATION AND STORE ON SITE WHERE DIRECTED BY OWNER. PATCH WALL SURFACES AS NECESSARY TO PREPARE FOR NEW FINISH AS SCHEDULED.

M.4 REMOVE/CUT A PORTION OF WOOD PANEL/TRIM AT PIPE ENCLOSURE TO PROVIDE MEP ACCESS. SALVAGE PANEL FOR REINSTALLATION FOLLOWING NEW WORK. COORDINATE WITH PLUMBING CONTRACTOR.

M.5 REMOVE WOOD PANEL SECTION AT LOCATION OF UNIT VENTILATOR REMOVAL. EXG SURROUNDING LIBRARY BOOKSHELVES TO REMAIN. WOOD PANEL IS APPROXIMATELY 4'-0" x 6'-0". REFER TO IMAGE A5 / DA0.08.

N. COORDINATION WITH ASBESTOS AND MEP TRADES DEMOLITION

N.1 HVAC CONTRCTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO PATCH & FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.2 HVAC CONTRACTOR TO REMOVE CEILING MOUNTED MECHANICAL UNIT. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

N.3 HVAC CONTRACTOR TO REMOVE FIN TUBE RADIATION AND COVER. GENERAL CONTRACTOR TO PATCH AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

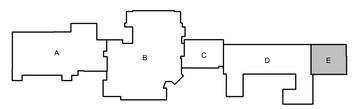
N.4 HVAC CONTRACTOR TO REMOVE FLOOR MOUNTED MECHANICAL UNIT AND WALL SLEEVE COMPLETE. EXG EXTERIOR LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL WALL OPENING AND FINISH REMAINING SURFACES TO MATCH EXG ADJACENT FINISHES.

N.5 ELECTRICAL CONTRACTOR TO REMOVE CEILING MOUNTED ELECTRICAL EQUIPMENT, DEVICES, AND/OR LIGHT FIXTURES. GENERAL CONTRACTOR TO COORDINATE REMOVAL WITH INSTALLATION OF NEW CEILING SYSTEM.

DEMOLITION HATCH LEGEND

INDICATES AREA OF CEILING TILES AND GRID TO BE REMOVED FOR MEP ACCESS SEE KEYED DEMOLITION NOTE **G.3**

INDICATES AREA OF FLOORING REMOVAL BY ASBESTOS ABATEMENT SUBCONTRACTOR. PREPARE SLAB SURFACE OR INSTALLATION OF NEW FLOOR FINISH. SEE KEYED DEMOLITION NOTE **N.6** AND COORDINATE WITH ASBESTOS ABATEMENT SUBCONTRACTOR.



TRUE NORTH / PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT — KERRY B. TAYLOR — No. 037554 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

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DRAWING DATE: **01/08/2025**

DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

ENLARGED DEMOLITION PLAN - DISTRICT OFFICE

D A4.01



PROJECT NORTH

B1 / D A4.02 PARTIAL ENLARGED CONSTRUCTION PLAN - DISTRICT OFFICE
Scale: 1/4" = 1'-0"

KEYED CONSTRUCTION NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A1.02 FOR GENERAL CONSTRUCTION NOTES.

NOT ALL NOTES LISTED BELOW ARE REFERENCED ON THIS SHEET.

1. ALIGN FACE OF NEW PARTITION WITH FACE OF EXG ADJACENT PARTITION.
2. NEW PANEL SIGN - REFER TO INTERIOR ELEVATION A1/DA4.04 AND SPEC.
3. LAMINATE EXG PARTITION WITH 5/8" GPDW AND ALIGN WITH FACE OF NEW PARTITION.
4. REINSTALL SALVAGED RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE- REFER TO DETAIL A5/DA4.02.
5. TELEVISION PROVIDED BY OWNER AND INSTALLED BY G.C. PROVIDE BLOCKING AS REQUIRED AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH E.C.
6. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN NEW WALL OPENING. HVAC CONNECTIONS BY HVAC CONTRACTOR. PREPARE OPENING AS REQ'D AND PATCH TO MATCH EXG ADJACENT CONSTRUCTION/FINISHES.
7. PATCH VCT FLOORING (TO NEAREST FULL TILE) AND RUBBER BASE TO MATCH EXISTING ADJACENT FINISHES WHERE M/E/P EQUIPMENT AND/OR CASEWORK WAS REMOVED. SEE PLAN FOR APPROXIMATE SIZE.
8. PATCH AND PAINT WALL TO MATCH EXG ADJACENT FINISH AT MECHANICAL UNIT REMOVAL LOCATION. ASSUME AREA OF PATCH IS +/- 20 SF U.N.O.
9. PATCH AND PAINT WALL AS NEEDED TO MATCH EXG ADJACENT FINISH AT UNIT FIN TUBE REMOVAL LOCATION. ASSUME HEIGHT OF PATCH IS +/- 1'-4".
10. RE-INSTALL SALVAGED MARKER BOARD. MODIFY WRITING SURFACE AND FRAME TO 4'-0" WIDE. INSTALL AT MOUNTING HEIGHT TO MATCH EXG ADJACENT MARKER BOARD. PATCH AND PAINT ANY REMAINING EXPOSED SURFACES TO MATCH EXG.
11. ALIGN EDGE OF PARTIAL HEIGHT WALL CONSTRUCTION AND COUNTERTOP WITH EDGE OF EXG WINDOW SILL.
12. REINSTALL SALVAGED CASEWORK AND PROVIDE NEW BASE TO MATCH EXG. PATCH NEWLY EXPOSED SURFACES TO MATCH EXG AS REQUIRED.
13. HVAC CONTRACTOR TO PROVIDE NEW INSULATION PANEL AT LOCATION OF EXG LOUVER TO REMAIN. GENERAL CONTRACTOR TO INFILL REMAINING OPENING AND PAINT TO MATCH EXG ADJACENT SURFACES. SEE PLAN FOR APPROXIMATE SIZE.
14. TERMINATE EDGE OF PARTIAL HEIGHT WALL CONSTRUCTION AND COUNTERTOP AT EXG COLUMN WRAP.
15. REINSTALL SALVAGED TV IN ORIGINAL LOCATION FOLLOWING THE COMPLETION OF NEW WORK.
16. REINSTALL SALVAGED TV IN NEW LOCATION FOLLOWING THE COMPLETION OF NEW WORK. MATCH EXG MOUNTING HEIGHT. COORDINATE WITH ELECTICAL CONTRACTOR.
17. PATCH CARPET TO MATCH EXG ADJACENT FINISH AT UNIT VENTILATOR REMOVAL. ASSUME AREA OF PATCH IS +/- 20 SF.
18. PROVIDE NEW WOOD PANEL AT LOCATION OF UNIT VENTILATOR REMOVAL TO MATCH EXG ADJACENT CASEWORK AND TRIM. APPROXIMATE SIZE IS 4'-0" x 6'-0", VERIFY IN FIELD. REFER TO IMAGE A5 / DA0.08.
19. REINSTALL SALVAGED WOOD PANEL PIPE ENCLOSURE FOLLOWING COMPLETION OF NEW WORK. COORDINATE WITH HVAC CONTRACTOR.
20. INSTALL PLASTIC LAMINATE PANEL SYSTEM ALONG ENTIRE LENGTH OF PARTITION UNLESS NOTED OTHERWISE. REFER TO INTERIOR ELEVATIONS AND DETAIL A4 /DA4.04.
21. MODIFY EXG LOUVER OPENING - REFER TO DETAILS ON D/A5.01. INSTALL NEW LOUVER PROVIDED BY HVAC CONTRACTOR WITHIN MODIFIED OPENING. PATCH AND PAINT WALL CONSTRUCTION TO MATCH EXG.

FLOOR PATCH LEGEND

INDICATES AREA OF VCT AND WALL BASE PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 7.

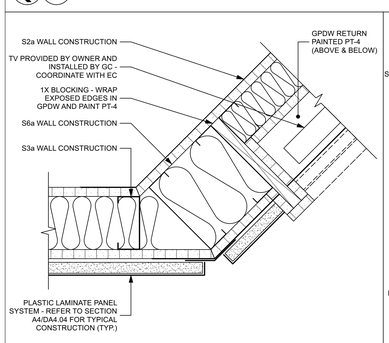
INDICATES AREA OF CARPET PATCH TO MATCH EXG ADJACENT FINISH - REFER TO KEYED CONSTRUCTION NOTE 17.

EQUIPMENT DESIGNATION KEY

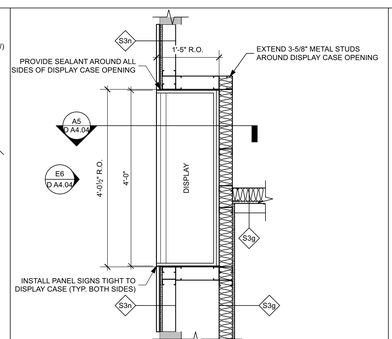
EQUIPMENT TYPE — MB-X — EQUIPMENT FINISH (REFER TO SPEC)

MB = MARKER BOARD
TB = TACK BOARD

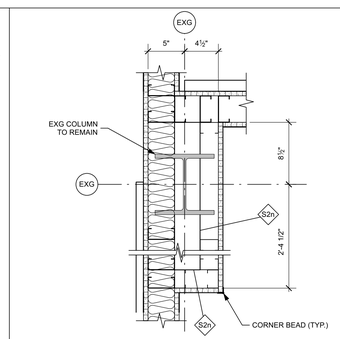
DASH REPRESENTS ITEMS NOT IN CONTRACT



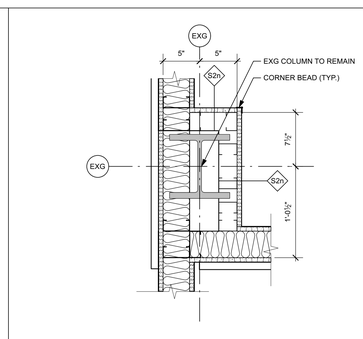
A1 / D A4.02 JAMB @ LOBBY 1 TV'
Scale: 3" = 1'-0"



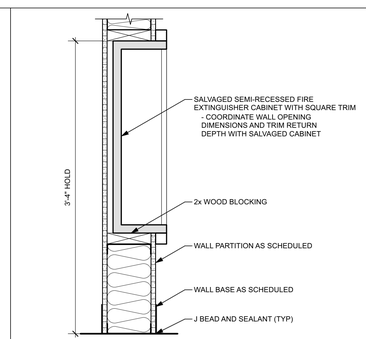
A2 / D A4.02 PLAN DETAIL @ DISPLAY CASE
Scale: 3/4" = 1'-0"



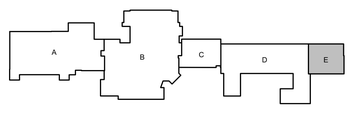
A3 / D A4.02 PLAN DETAIL @ EXG COL. OFFICE A10A
Scale: 1 1/2" = 1'-0"



A4 / D A4.02 PLAN DETAIL @ EXG COL. IN STORAGE A21
Scale: 1 1/2" = 1'-0"



A5 / D A4.02 RECESSED FIRE EXTINGUISHER CABINET
Scale: 1 1/2" = 1'-0"



TRUE NORTH / PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030



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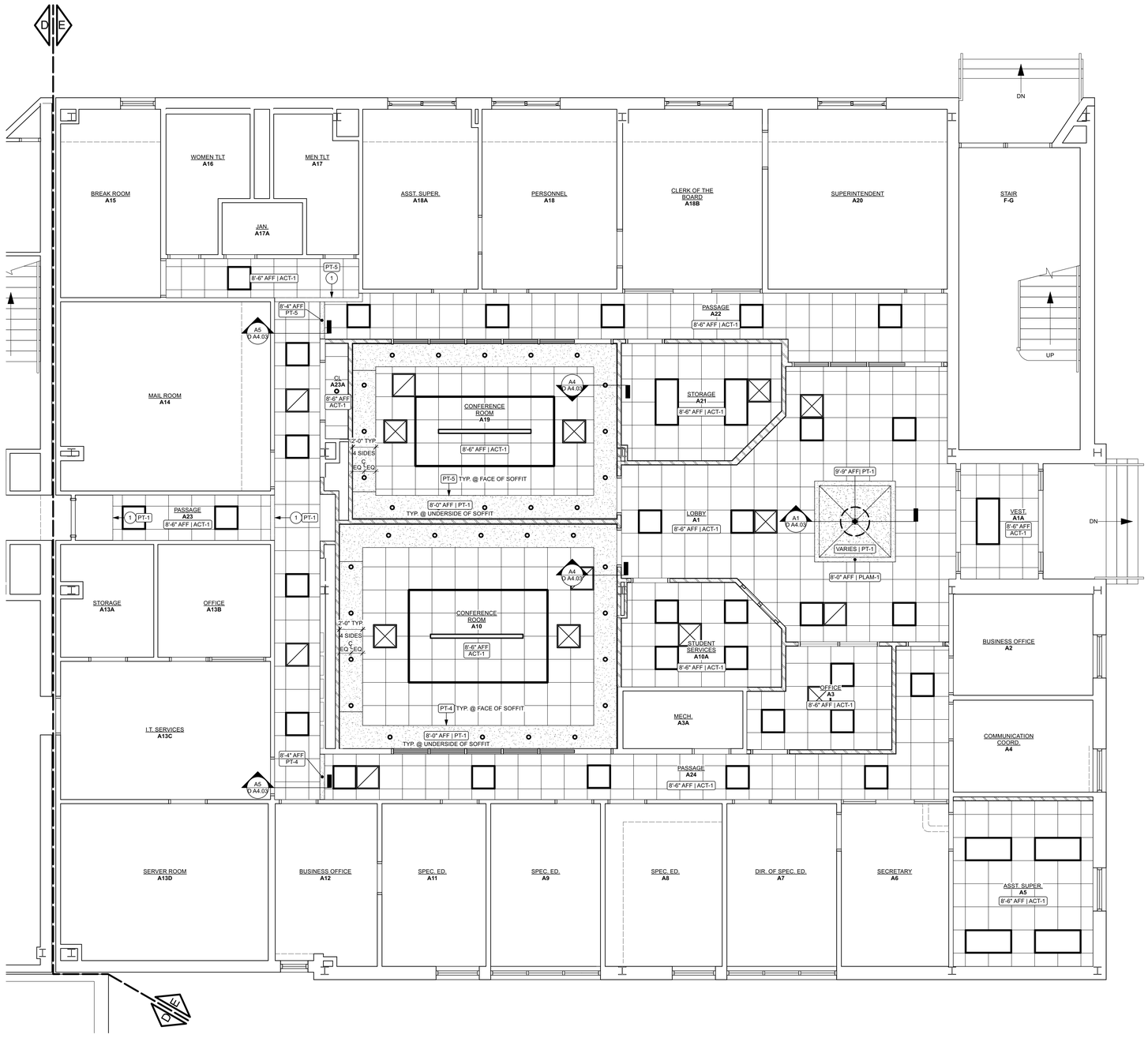
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

ENLARGED CONSTRUCTION PLAN - DISTRICT OFFICE

D A4.02



PROJECT NORTH

B1 / D A4.03

PARTIAL ENLARGED CONSTRUCTION PLAN - DISTRICT OFFICE

Scale: 1/4" = 1'-0"

KEYED RCP NOTES

REFER TO SHEET D/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.

REFER TO SHEET D/A2.02 FOR GENERAL RCP NOTES.

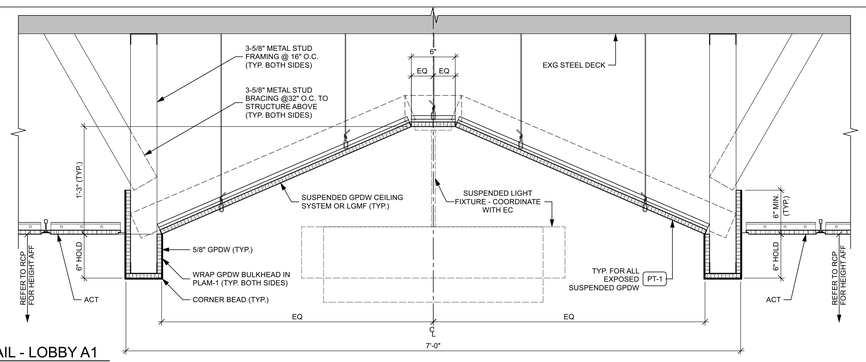
NOT ALL NOTES LISTED BEOW ARE REFERENCED ON THIS SHEET.

1. EXG SOFFIT AND/OR BULKHEAD TO REMAIN. PATCH AND PAINT AS SCHEDULED.
2. RECONSTRUCT EXG SOFFIT IN AREA REMOVED FOR M/E/P ACCESS. PAINT GPDW TO MATCH EXG. COORDINATE WITH HVAC CONTRACTOR.
3. ACT CEILING AND GRID ALIGN WITH WINDOW HEAD RETURN. NOTCH GRID AROUND EXG WINDOW TRIM.
4. GPDW SOFFIT TO ACT - REFER TO DETAIL A3 / DA2.08.
5. GPDW WINDOW WELL - REFER TO DETAIL B6 / DA2.07. ALIGN EDGES OF WINDOW WELL WITH WINDOW OPENING.
6. REINSTALL SALVAGED CEILING CLOUDS - COORDINATE WITH ELEC CONTRACTOR FOR REINSTALLATION OF INTEGRATED LIGHT FIXTURES.
7. GPDW SOFFIT TO WINDOW WELL - REFER TO DETAIL C6/DA2.07. ALGN EDGES OF WINDOW WELL WITH WINDOW OPENING.
8. RE-FRAME EXG SOFFIT AS REQUIRED TO SUPPORT NEW OPENING AT UV. PATCH AND PAINT GPDW TO MATCH EXG. COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR.

RCP LEGEND

REPRESENTS NEW ACT AND GRID

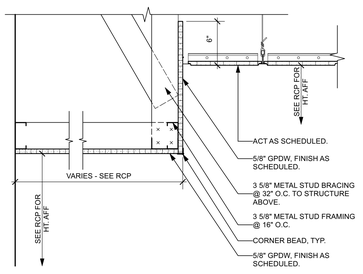
REPRESENTS SALVAGED ACT AND GRID TO BE REWORKED AND REINSTALLED TO ACCOMODATE NEW WORK.



A1 / D A4.03

SOFFIT DETAIL - LOBBY A1

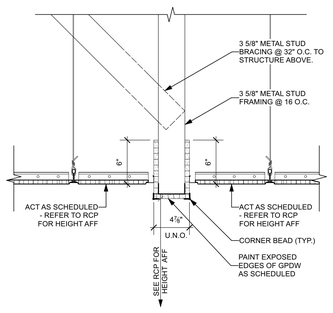
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A4 / D A4.03

SOFFIT TO ACT DETAIL

Scale: 1 1/2" = 1'-0"



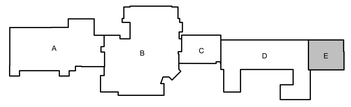
A5 / D A4.03

BULKHEAD TO ACT DETAIL

Scale: 1 1/2" = 1'-0"

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KEY PLAN



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MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT JEREMY B. TARDIFF D. 37554 STATE OF NEW YORK

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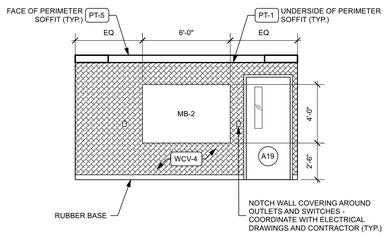
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

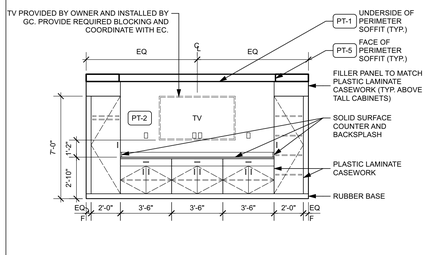
DRAWING TITLE:

ENLARGED REFLECTED CEILING PLAN - DISTRICT OFFICE

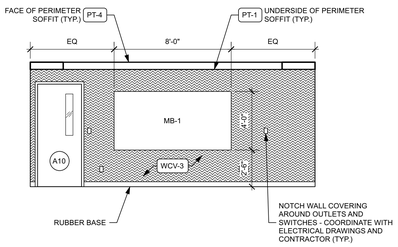
D A4.03



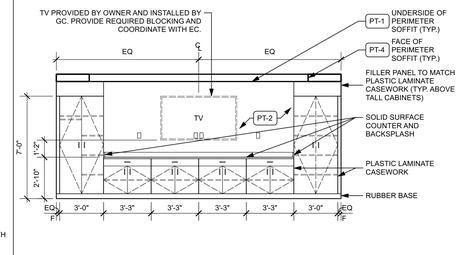
E1 / D A4.04 — SOUTH ELEVATION - CONFERENCE ROOM A19
Scale: 1/4" = 1'-0"



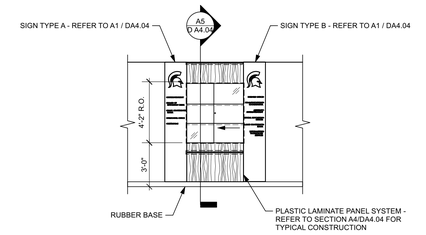
E2 / D A4.04 — NORTH ELEVATION - CONFERENCE ROOM A19
Scale: 1/4" = 1'-0"



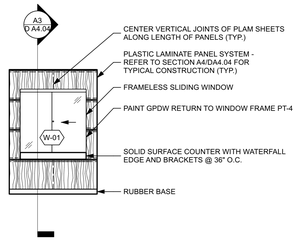
E3 / D A4.04 — SOUTH ELEVATION - CONFERENCE ROOM A10
Scale: 1/4" = 1'-0"



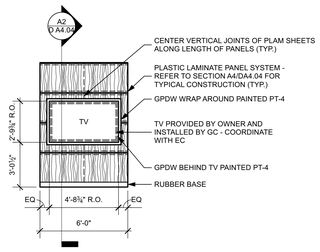
E4 / D A4.04 — NORTH ELEVATION - CONFERENCE ROOM A10
Scale: 1/4" = 1'-0"



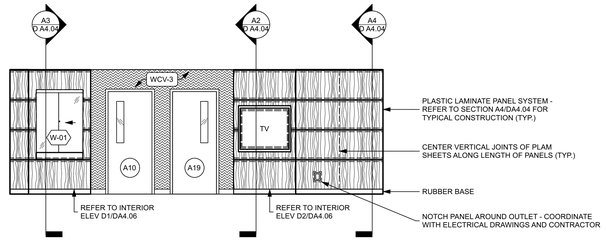
E6 / D A4.04 — SOUTH ELEVATION @ PASSAGE A23 DISPLAY CASE
Scale: 1/4" = 1'-0"



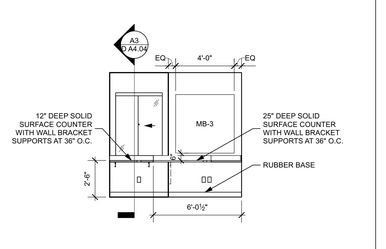
D1 / D A4.04 — NORTHWEST ELEVATION - LOBBY A1 WINDOW
Scale: 1/4" = 1'-0"



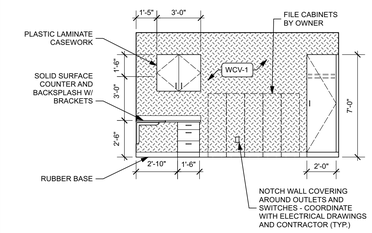
D2 / D A4.04 — NORTHEAST ELEVATION - LOBBY A1 TV
Scale: 1/4" = 1'-0"



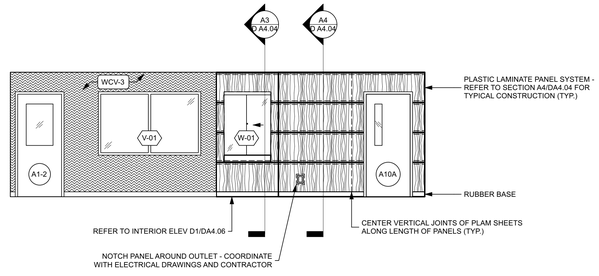
D3 / D A4.04 — NORTH ELEVATION - LOBBY A1
Scale: 1/4" = 1'-0"



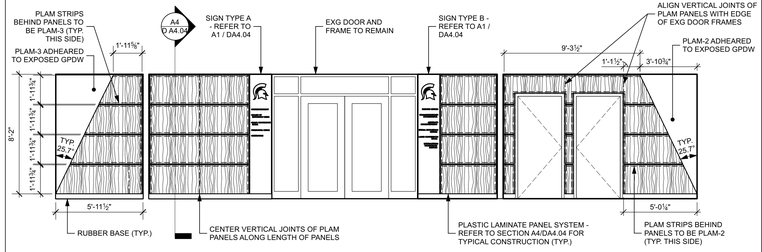
D5 / D A4.04 — SOUTH ELEVATION - STUDENT SERV. A10A
Scale: 1/4" = 1'-0"



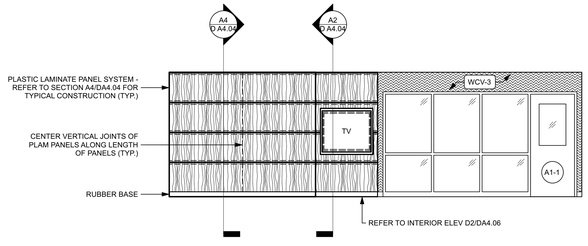
D6 / D A4.04 — WEST ELEVATION - STUDENT SERV. A10A
Scale: 1/4" = 1'-0"



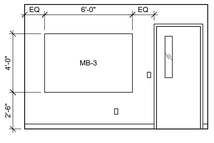
C1 / D A4.04 — WEST ELEVATION - LOBBY A1
Scale: 1/4" = 1'-0"



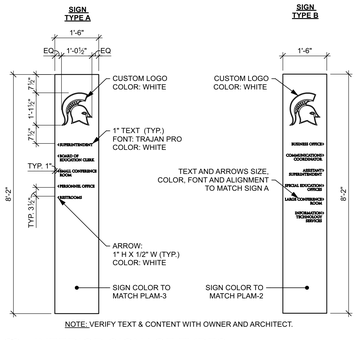
C3 / D A4.04 — SOUTH ELEVATION - LOBBY A1
Scale: 1/4" = 1'-0"



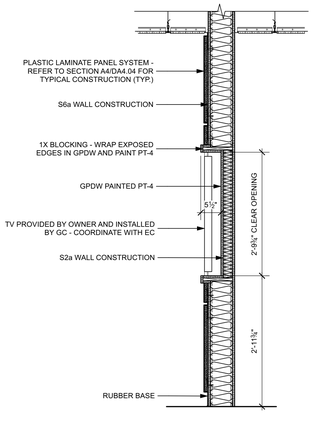
C5 / D A4.04 — EAST ELEVATION - LOBBY A1
Scale: 1/4" = 1'-0"



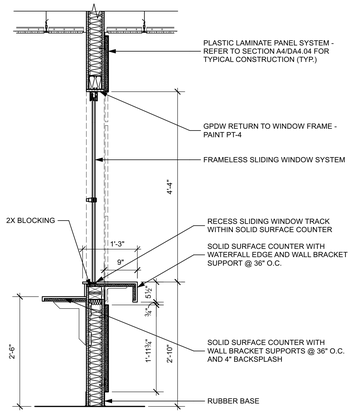
B1 / D A4.04 — WEST ELEVATION - OFFICE A3
Scale: 1/4" = 1'-0"



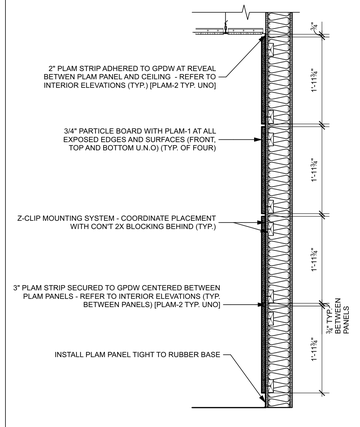
A1 / D A4.04 — INTERIOR SIGNAGE TYPES
Scale: 1/2" = 1'-0"



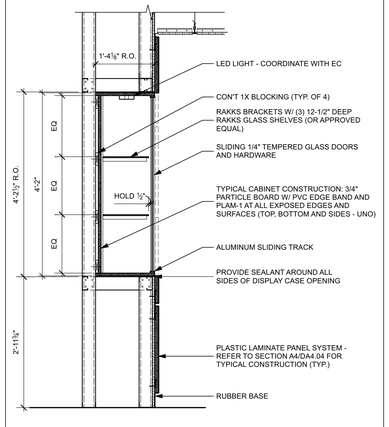
A2 / D A4.04 — SECTION @ LOBBY A1 TV WALL
Scale: 3/4" = 1'-0"



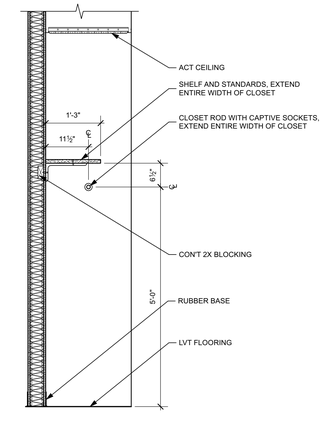
A3 / D A4.04 — SECTION @ STUDENT SERV. A10A WINDOW
Scale: 3/4" = 1'-0"



A4 / D A4.04 — TYP. SECTION @ P-LAM PANEL SYSTEM
Scale: 3/4" = 1'-0"



A5 / D A4.04 — SECTION @ PASSAGE A23 DISPLAY CASE
Scale: 3/4" = 1'-0"



A6 / D A4.04 — SECTION @ CLOSET A23A
Scale: 3/4" = 1'-0"

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KERRY B. TROTT No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **01/08/2025**

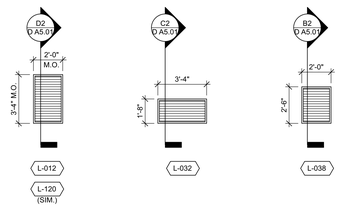
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

INTERIOR ELEVATIONS & DETAILS - DISTRICT OFFICE

D A4.04



E1 D A5.01 LOUVER TYPES
Scale: 1/4" = 1'-0"

DOOR SCHEDULE

	DOOR						FRAME						ASSEMBLY		
DOOR NO.	TYPE	WIDTH	HEIGHT	THICK.	MTL	GLASS	TYPE	HEAD DETAIL	JAMB DETAIL	MTL	GLASS	FINISH	LABEL	HDWR SET #	KEYED NOTES
GROUND FLOOR															
A1-1	G	3'0"	7'0"	1 3/4"	WD	T	B	B6 / DA5.01	A6 & A5 / DA5.01	HM	T	PT-3	--	01	
A1-2	G	3'0"	7'0"	1 3/4"	WD	T	A	B6 / DA5.01	A6 / DA5.01	HM	--	PT-3	--	01	
A3	N	3'0"	7'0"	1 3/4"	WD	T	A	E5 / DA5.01	D5 / DA5.01	HM	--	PT-3	--	02	
A10	F	3'0"	7'0"	1 3/4"	WD	--	A	B6 / DA5.01	A6 / DA5.01	HM	--	PT	-	08	
A10-1	F	3'0"	7'0"	1 3/4"	WD	--	C	B6 / DA5.01	A5 & A6 / DA5.01	HM	T	PT-3	--	03	1
A10A	N	3'0"	7'0"	1 3/4"	WD	T	A	B6 / DA5.01	A6 / BA5.01	HM	--	PT	-	07	
A19	F	3'0"	7'0"	1 3/4"	WD	--	A	B6 / DA5.01	A6 / DA5.01	HM	--	PT	-	08	
A19-1	F	3'0"	7'0"	1 3/4"	WD	--	C (O.H.)	B6 / DA5.01	A5 & A6 /DA5.01	HM	T	PT-3	--	03	2
A21	F	3'0"	7'0"	1 3/4"	WD	--	A	B6 / DA5.01	A6 / DA5.01	HM	--	PT-3	45	06	
A23A	P-F	5'0"	7'0"	1 3/4"	WD	--	A	B4 / DA5.01	A4 / DA5.01	HM	--	PT	-	04	
GENERAL NOTES															
"P" INDICATES A PAIR OF DOORS.															
KEYED NOTES															
1. WINDOW FILM WF-1 APPLIED TO GLAZING. REFER TO FRAME TYPE FOR SIZES AND LOCATIONS. FILM COLOR TO MATCH PT-4.															
2. WINDOW FILM WF-2 APPLIED TO GLAZING. REFER TO FRAME TYPE FOR SIZES AND LOCATIONS. FILM COLOR TO MATCH PT-5.															

GENERAL DOOR, FRAME AND HARDWARE NOTES

A. THE DOOR SCHEDULE IS INTENDED AS A SUMMARY, BUT MAY NOT REPRESENT ALL OF THE DOORS, FRAMES AND HARDWARE REQUIRED TO COMPLETE THE WORK. THE DOOR SCHEDULE AND TH REMAINDER OR THE CONSTRUCTION DOCUMENTS ARE COMPLIMENTARY, AS ADDITIONAL INFORMATION REQUIRED TO COMPLETE THE DOORS, FRAMES AND HARDWARE MAY BE INDICATED THROUGHOUT.

B. SHOULD CONFLICTS EXIST WITHIN THE CONSTRUCTION DOCUMENTS, VERIFY INTENT WITH ARCHITECT PRIOR TO BIDDING. CLARIFICATIONS ISSUED AFTER BIDDING SHALL NOT BE A BASIS FOR ADDITIONAL COMPENSATION.

C. CONTRACTOR SHALL FIELD VERIFY ALL OPENINGS AND DOOR SIZES PRIOR TO ORDERING. FAILURE TO DO SO WILL NOT CONSTITUTE AN ADDITIONAL COST TO THE OWNER.

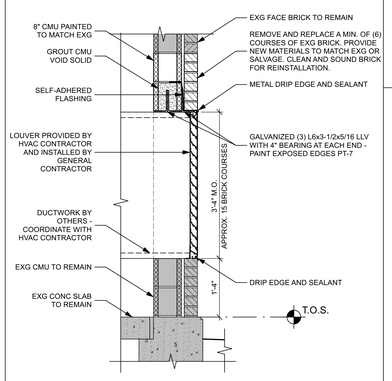
D. IT IS INTENDED THAT ALL NEW DOORS RECEIVE HARDWARE. WHERE HARDWARE SETS ARE NOT INDICATED, THE CONTRACTOR SHALL PROVIDE HARDWARE OF TYPE AND FUNCTION SIMILAR TO DOORS OF LIKE USE OR LOCATION.

E. METAL HARDWARE ACCESSORIES SUCH AS ASTRAGALS, REMOVABLE MULLIONS OR LITE KITS SHALL BE PAINTED PRIOR TO INSTALLATION TO MATCH DOOR IN COLOR SELECTED BY THE ARCHITECT AT NO ADDITIONAL COST TO THE OWNER.

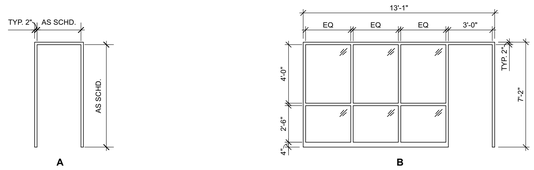
F. THROUGH-BOLTING OF HARDWARE IS NOT PERMITTED UNLESS NOTED OTHERWISE.

G. THE CONTRACTOR SHALL PREPARE DOORS AND FRAMES FOR ELECTRICAL AND SECURITY DEVICES. COORDINATE WITH OWNER, ARCHITECT AND WORK OF OTHE TRADES.

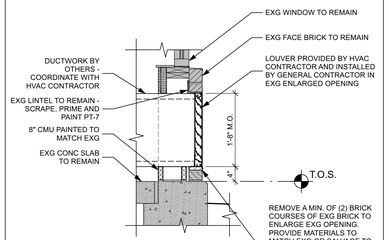
H. ALL NEW VISION PANELS AND SIDE LIGHTS TO RECEIVE NEW WINDOW TREATMENTS. REFER TO SPEC SECTION 122413 ROLLER WINDOW SHADES.



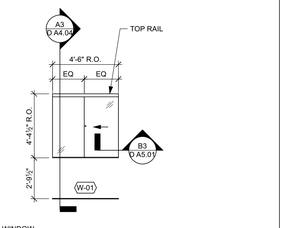
D2 D A5.01 SECTION @ LOUVER 012
Scale: 3/4" = 1'-0"



D5 D A5.01 DOOR FRAMES
1/4" = 1'-0"

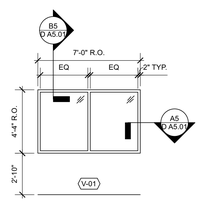


C2 D A5.01 SECTION @ LOUVER L-032
Scale: 3/4" = 1'-0"

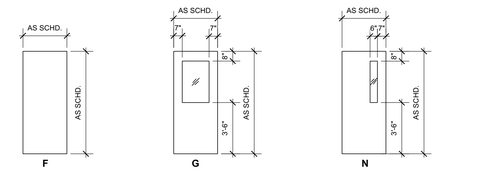


TRANSACTION SLIDER WINDOW
BASIS OF DESIGN (B.O.D.): C.R. LAURENCE SATIN ANODIZED SHARYN FRAMELESS PASS-THRU.

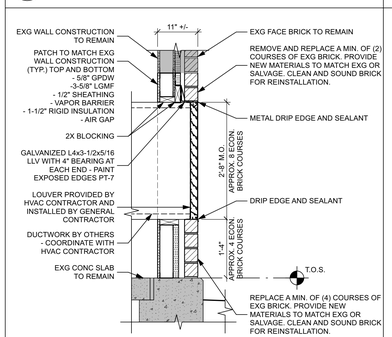
C3 D A5.01 INTERIOR WINDOW TYPES
1/4" = 1'-0"



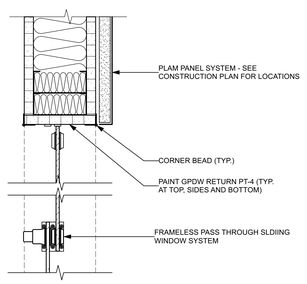
D3 D A5.01 VISION PANEL TYPES
1/4" = 1'-0"



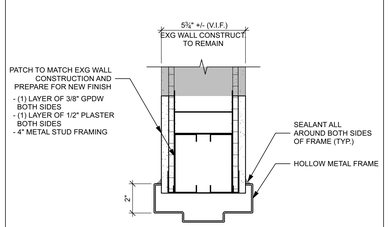
C5 D A5.01 DOOR TYPES
1/4" = 1'-0"



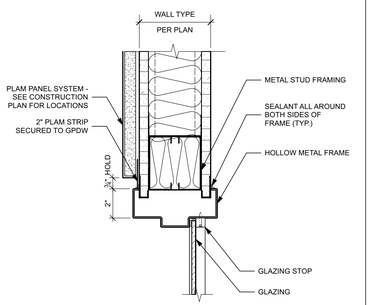
B2 D A5.01 SECTION @ LOUVER L-038
Scale: 3/4" = 1'-0"



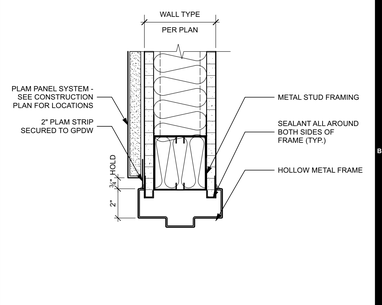
B3 D A5.01 JAMB DETAIL @ SLIDER WINDOW
Scale: 3" = 1'-0"



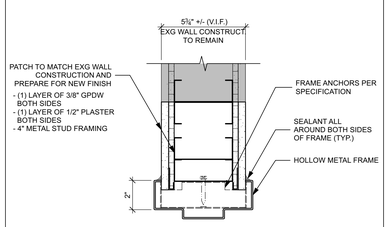
B4 D A5.01 HM HEAD DETAIL @ EXG WALL
Scale: 3" = 1'-0"



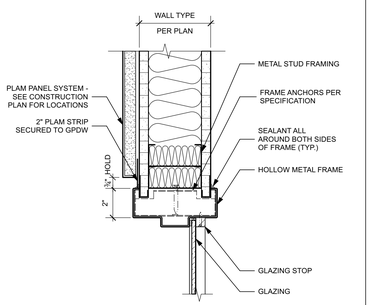
B5 D A5.01 HM HEAD DETAIL @ 3-5/8" METAL STUD WALL
Scale: 3" = 1'-0"



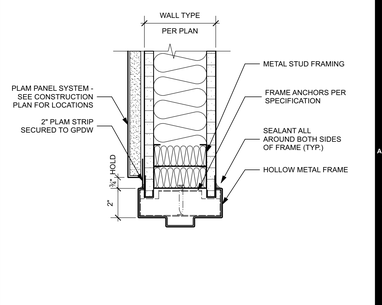
B6 D A5.01 HM HEAD DETAIL @ 3-5/8" METAL STUD WALL
Scale: 3" = 1'-0"



A4 D A5.01 HM JAMB DETAIL @ EXG WALL
Scale: 3" = 1'-0"



A5 D A5.01 HM JAMB DETAIL @ 3-5/8" METAL STUD WALL
Scale: 3" = 1'-0"



A6 D A5.01 HM JAMB DETAIL @ 3-5/8" METAL STUD WALL
Scale: 3" = 1'-0"

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT KENNY S. TARTE No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2026

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SCALE: **Sheet Scale**
DRAWING TITLE:

DOOR SCHEDULE & DETAILS

D A5.01

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING FINISH	REMARKS
GROUND FLOOR									
012	HEALTH	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	PT-E / EXG	EXG	ACT-1	2
024.2	MAINT. OFFICE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-E / PT-6	8
030	RESOURCE ROOM	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1
032	FACULTY	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4	1
032.1	STORAGE	EXG	EXG	EXG	PT-1/EXG	EXG	EXG	ACT-1	
032.4	STORAGE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
034	MECH. WORK ROOM	EXG	EXG	EXG	EXG	EXG	EXG	EXP / PT-6	8
038	LANGUAGE OFFICE	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	2
040	LANGUAGE LAB	VCT-1/EXG	RB-1	EXG	PT-E / EXG	EXG	EXG	ACT-1	1, 2
042	LANGUAGE	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1
044	LANGUAGE	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1
046	LANGUAGE	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1, 2
048	SOCIAL STUDIES	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1, 2
A1	LOBBY	LVT-1/LVT-2/LVT-3	RB-2	PLAM-1 & 2 / WCV-3	PLAM-1 & 2 / WCV-3	PLAM-1 & 2	PLAM-1 & 2 / WCV-3	ACT-1 / PLAM-1 / PT-1	3, 7
A1A	VEST.	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
A3	OFFICE	CPT-2	RB-2	PT-1	WCV-1	PT-1	PT-1	ACT-1	
A5	ASST. SUPER.	EXG	EXG	PLAM-1 & 2 / WCV-3	PT-E	PLAM-1 & 2 / WCV-3	PLAM-1 & 2 / WCV-3	ACT-1	
A10	CONFERENCE ROOM	LVT-1,2	RB-2	PT-2	PT-1	WCV-3	PT-1	ACT-1/PT-4	4, 7
A10A	STUDENT SERVICES	CPT-2	RB-2	PT-1	PT-1	PT-1	WCV-1	ACT-1	4
A19	CONFERENCE ROOM	LVT-1,3	RB-2	PT-2	PT-1	WCV-4	PT-1	ACT-1/PT-5	4, 7
A21	STORAGE	LVT-1	RB-2	PT-1	PT-1	PT-1	PT-1	ACT-1	
A22	PASSAGE	LVT-1	RB-2	PT-1	PT-1	PLAM-1 & 3	WCV-2	ACT-1 / PT-6	8
A23	PASSAGE	LVT-1	RB-2	PT-1/WCV-1	PT-1/WCV-1	PLAM-1&2 / WCV-2	PT-1/EXG	ACT-1 / PT-6	
A24	PASSAGE	LVT-1	RB-2	PT-1	WCV-2	PLAM-1 & 2	PT-1	ACT-1/PT-4	
FIRST FLOOR									
114	CREDIT UNION	VCT-1	RB-1	EXG	PT-E / EXG	EXG	EXG	ACT-1	2
116	GUIDANCE OFFICE	EXG	RB-1	PT-E	EXG	EXG	PT-E	ACT-E / EXG	9
118	ALS	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	2
120	COMPUTER LAB	VCT-1/EXG	RB-1/EXG	PT-E / EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4	2, 9
122	FACULTY ROOM	VCT-1/EXG	RB-1/EXG	PT-E / EXG	PT-E / EXG	EXG	EXG	ACT-1 / PT-6	2, 9
122.1	STORAGE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
122.2	WOMEN'S TLT	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
122.3	MEN'S TLT	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
123	NURSE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
123.2	OFFICE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
123.3	RESTING AREA	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
123.4	EXAM	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
125	RESOURCE	VCT-1/EXG	RB-1/EXG	EXG	EXG	PT-E / EXG	PT-E / EXG	ACT-1	2
127	LIBRARY	CPT-1/EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	3, 5, 6
127.1	LIBRARY CONF. ROOM	EXG	RB-1/EXG	PT-E / EXG	EXG	EXG	EXG	ACT-1/PT-4	1
127.2	LIBRARY OFFICE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
127.3	PREP ROOM	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
127.4	COFFEE SHOP	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
128	A.I.S.	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-E	1
129	COMPUTERLAB	VCT-1/EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-E	1, 2
130	ENGLISH	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-E	1
131	STORAGE	VCT-1/EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-E	2
132	ENGLISH	EXG	RB-1/EXG	PT-E / EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-E	1
133	SPEC. ED 8:1:1	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-E	1
134	ENGLISH	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-E	1
135	RESOURCE	VCT-1/EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-E	1
136	ENGLISH	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-E	1
137	SOCIAL STUDIES	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-E	1
138	ENGLISH	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-E	1
139	SOCIAL STUDIES	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-E	1
140	RESOURCE	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1
141	ENGLISH OFFICE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
142	SPEC. ED. 15:1	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4/EXG	1
143	SOCIAL STUDIES	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1	1
144	ENGLISH	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4/EXG	1
145	SPEC. ED. 12:1:1	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-4/EXG	1
146	SOCIAL STUDIES OFFICES	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
147	COMPUTER LAB	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1/PT-4	1
148	ENGLISH	EXG	RB-1/EXG	EXG	EXG	PT-E / EXG	EXG	ACT-1/PT-4/EXG	1
149	RESOURCE	EXG	RB-1/EXG	EXG	EXG	PT-E / EXG	PT-E / EXG	ACT-1/PT-4	1
150	SOCIAL STUDIES	EXG	RB-1/EXG	EXG	PT-E / EXG	PT-E / EXG	EXG	ACT-1/PT-4/EXG	1
151	SOCIAL STUDIES	EXG	RB-1/EXG	PT-E / EXG	EXG	EXG	EXG	ACT-1	1
152	SOCIAL STUDIES	EXG	RB-1/EXG	EXG	EXG	PT-E / EXG	EXG	ACT-1/PT-4/EXG	1
C2006	CORRIDOR	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
C2007	CORRIDOR	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
C2008	CORRIDOR	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
C2009	CORRIDOR	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
SECOND FLOOR									
200	FACULTY	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4	1, 2, 9
201	PHYSICS	EXG	RB-1/EXG	PT-E / EXG	EXG	EXG	PT-E / EXG	ACT-1	1
203	CHEMISTRY #1	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1	1
205	PREP	EXG	RB-1/EXG	EXG	EXG	EXG	PT-1/EXG	ACT-1	1
206	BIOLOGY #1	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	2
207	CHEMISTRY #2	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1	1
208	PREP	VCT-1/EXG	RB-1/EXG	EXG	PT-1/EXG	EXG	EXG	ACT-1	2
209	EARTH SCIENCE #1	EXG	RB-1/EXG	EXG	EXG	EXG	PT-E / EXG	ACT-1	1
210	BIOLOGY #2	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1
211	MATH OFFICE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
212	PREP	VCT-1/EXG	RB-1/EXG	EXG	PT-1/EXG	EXG	EXG	ACT-1	2
213	EARTH SCIENCE #2	VCT-1/EXG	RB-1/EXG	PT-E / EXG	EXG	EXG	PT-E / EXG	ACT-1	1, 2
214	BIOLOGY #3	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1	1
216	MATH	EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4	1
218	MATH	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4	1, 2
220	READING	VCT-1/EXG	RB-1/EXG	EXG	PT-E / EXG	EXG	EXG	ACT-1/PT-4	2
222	STORAGE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
224	MATH	EXG	RB-1/EXG	EXG	EXG	PT-E / EXG	EXG	ACT-1	1
226	MATH	EXG	RB-1/EXG	EXG	EXG	PT-E / EXG	EXG	ACT-1	1
227	MATH	EXG	RB-1/EXG	PT-E / EXG	EXG	EXG	EXG	ACT-1	1
228	MATH	EXG	RB-1/EXG	EXG	EXG	PT-E / EXG	EXG	ACT-1	1
C3000	CORRIDOR	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
C3001	CORRIDOR	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	
C3002	CORRIDOR	EXG	EXG	EXG	EXG	EXG	EXG	ACT-1	

KEYED NOTES

1. ALL COUNTERS TO BE PLAM-2. PAINT GPDW FACE OF PARTIAL HEIGHT WALL PT-E AND PROVIDE RUBBER BASE TO MATCH EXG.
2. INSTALLATION OF NEW FLOORING AND RUBBER BASE (AS NEEDED) IS LIMITED TO THE AREA OF M/E/P EQUIPMENT AND/OR CASEWORK REMOVALS.
3. PLAM PANEL SYSTEM - REFER TO INTERIOR ELEVATIONS ON SHEET D/A4.04.
4. ALL COUNTERS TO BE SS-1 AND CASEWORK TO BE PLAM-1.
5. PROVIDE WOOD TRIM PIPE ENCLOSURE TO MATCH EXG WOOD TRIM.
6. PROVIDE WOOD PANEL AT LOCATION OF MECHANICAL UNIT REMOVAL TO MATCH EXG WOOD PANELING.
7. REFER TO FLOOR FINISH PLAN ON SHEET D/A4.04.
8. PAINT EXPOSED DUCTWORK PT-6.
9. CHASE WALLS TO RECEIVE RUBBER BASE AND PAINT TO MATCH EXG ADJACENT FINISHES. PATCH FLOOR FINISH TO MATCH EXG AS REQUIRED.

FINISH LEGEND

FINISH	MANUFACTURER	STYLE	SIZE	COLOR	NOTES
ACOUSTICAL CEILING TILE					
ACT-1	USG	MARS Item No. 86785	24" x 24"	White	
ACT-E	Remove, Protect and Reinstall existing tiles and grid (re-work as needed for new work)				
CARPET					
CPT-1 (Library)	Match Exg	Match Exg	Match Exg	Match Exg	Match exg carpet in Library 127
CPT-2 (DO)	Patcraft	Color Reveal I0662 Organic Interpution Saturate	9" x 36"	Slate-Cobblestone 00530	
LUXARY VINYL TILE					
LVT-1 (DO Field)	Shaw Contract	Cove	9" x 48"	Gesso	
LVT-2 (DO)	Shaw Contract	Cove	9" x 48"	Sapphire	
LVT-3 (DO)	Shaw Contract	Cove	9" x 48"	Lure	
MARKER BOARD					
MB-1	Clarus	Refer to Spec	Refer to Interior Elevations	CBC-220	
MB-2	Clarus	Refer to Spec	Refer to Interior Elevations	CBC-404	
MB-3	Clarus	Refer to Spec	Refer to Interior Elevations	CBC-100	
PAINT					
PT-1 (Field)	Sherwin Williams	Refer to Spec	--	SW 7005 Pure White	
PT-2 (Accent)	Sherwin Williams	Refer to Spec	--	SW 7067 Cityscape	
PT-3 (Door Frame)	Sherwin Williams	Refer to Spec	--	SW 9170 Acier	
PT-4 (Soffit/Bulkhead)	Sherwin Williams	Refer to Spec	--	SW 6804 Dignity Blue	
PT-5 (Soffit/Bulkhead)	Sherwin Williams	Refer to Spec	--	SW 6683 Bee	
PT-6 (Ceiling Mounted Equipment)	Sherwin Williams	Refer to Spec	--	SW 7757 High Reflective White	
PT-7 (Lintel)	Sherwin Williams	Refer to Spec	--	Match Exg Brick	Match Color of Exg Brick
PT-E	Sherwin Williams	Refer to Spec	--	Match Exg	Match Exg
PLASTIC LAMINATE					
PLAM-1 (DO Casework/Millwork)	Formica	Natural Grain (NG)	--	Beige Elm 5794	--
PLAM-2 (DO Accent & HS Cswk)	Formica	Matte Finish	--	Marine Blue 914	--
PLAM-3 (DO Accent)	Formica	Matte Finish	--	Chrome Yellow 1485	
RUBBER BASE					
RB-1 (HS)	Roppe	Match Exg	Match Exg	Match Exg	
RB-2 (DO)	Roppe	Refer to Spec	Refer to Spec	114 Lunar Dust	
SOLID SURFACING					
SS-1 (DO Countertops)	Corian	--	--	Laquna Terrazzo	
TRANSITION STRIPS					
TS-1	Refer to Spec	Refer to Spec	Refer to Spec	Refer to Spec	
TS-2	Not Used	Not Used	Not Used	Not Used	
TS-3	Refer to Spec	Refer to Spec	Refer to Spec	Refer to Spec	
TS-4	Refer to Spec	Refer to Spec	Refer to Spec	Refer to Spec	
TS-5	Refer to Spec	Refer to Spec	Refer to Spec	Refer to Spec	
TS-6	Refer to Spec	Refer to Spec	Refer to Spec	Refer to Spec	
TS-7	Refer to Spec	Refer to Spec	Refer to Spec	Refer to Spec	
VINYL COMPOSITION TILE					
VCT-1 (FIELD)	Armstrong Flooring	Match Exg	Match Exg	Match Exg	
WINDOW FILM					
WF-1	Decorative Film	Colored Window Film - Sand Blasted	--	Match SW Color Diginity Blue	
WF-2	Decorative Film	Colored Window Film - Sand Blasted	--	Match SW Color Bee	
WALL COVERING					
WCV-1	Arc Com	Abstract		Stormy	
WCV-2	Arc Com	Abstract		Foggy	
WCV-3	Wolf Gordon	Interval		Feeling Blue	
WCV-4	Wolf Gordon	Juxtapose		Guilder	
---	NO FINISHES				
EXG	EXISTING FINISH TO REMAIN				
EXPOSED					

GENERAL FINISH NOTES

A. THESE GENERAL NOTES APPLY TO NEW SPACES AND EXISTING SPACES AFFECTED BY THE WORK.

B. THE ROOM FINISH SCHEDULE IS GENERAL IN NATURE, AND IS INTENDED AS A SUMMARY OF THE DESIRED FINISHES FOR EACH SPACE LISTED, BUT MAY NOT REPRESENT ALL OF THE FINISHES REQUIRED TO COMPLETE THE WORK. THE ROOM FINISH SCHEDULE AND THE REMAINDER OF THE CONSTRUCTION DOCUMENTS ARE COMPLIMENTARY, AS ADDITIONAL FINISH INFORMATION MAY BE INDICATED THROUGHOUT.

C. SHOULD CONFLICTS EXIST WITHIN THE CONSTRUCTION DOCUMENTS, VERIFY INTENT WITH ARCHITECT PRIOR TO BIDDING. CLARIFICATIONS ISSUED AFTER BIDDING SHALL NOT BE BASIS FOR ADDITIONAL COMPENSATION.

D. COLORS/TEXTURES INDICATED ARE THOSE OF THE BASIS-OF-DESIGN MANUFACTURER/FINISH. APPROVED SUBSTITUTIONS SHALL BE PROVIDED IN COLOR/TEXTURE MATCHING THE BASIS-OF-DESIGN, INCLUDING CUSTOM COLORS/TEXTURES, AT NO ADDITIONAL COST.

E. WHERE COLORS/TEXTURES ARE NOT INDICATED, THEY SHALL BE SELECTED FROM FULL RANGE OF OPTIONS FROM BASIS-OF-DESIGN MANUFACTURER. APPROVED SUBSTITUTIONS SHALL BE PROVIDED IN COLOR/TEXTURE MATCHING THE FULL RANGE OF OPTIONS FROM WITH THE SUBSTITUTE AND BASIS-OF-DESIGN MANUFACTURERS' FULL RANGE OF OPTIOINS, INCLUDING CUSTOM COLORS/TEXTURE, AT NO ADDITIONAL COST.

F. IT IS INTENDED THAT EXPOSED AND SEMI-EXPOSED SURFACES SHALL RECEIVE FINISH, EVEN IF NOT SPECIFICALLY INDICATED IN THE CONSTRUCTION DOCUMENTS.

G. PROVIDE PREPARATION OF SURFACES TO RECEIVE FINISH PER MANUFACTURER'S RECOMMENDATIONS, UNLESS OTHERWISE INDICATED.

H. WHERE EXISTING CEILINGS ARE REMOVED, IT IS INTENDED THAT THE NEWLY EXPOSED WALL SHALL BE PATCHED, AND FINISHES EXTENDED TO THE NEW CEILING.

I. PAINT EXPOSED STRUCTURAL ELEMENTS AND EXPOSED MISCELLANEOUS METALS EMBEDDED IN WALLS TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED.

J. PAINT EXPOSED WOOD GROUNDS, BACKERS, FILLERS, SPACERS AND OTHER UNFINISHED COMPONENTS ASSOCIATED WITH INSTALLATION OF EQUIPMENT OR ACCESSORIES TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED.

K. PAINT EXPOSED UNFINISHED PIPING, CONDUITS, JUNCTION BOXES, ETC. TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED.

L. FLOOR FINISH SHALL CONTINUE UNDER OPEN BASE CASEWORK/MILLWORK AND OPEN COUNTERS. CONTINUE INTO THOSE AREAS UNLESS OTHERWISE INDICATED.

M. IN SPACES WITH CLOSETS, ALCOVES OR SIMILAR ANCILLARY AREAS, ADJACENT FINISHES SHALL CONTINUE INTO THOSE AREAS UNLESS OTHERWISE INDICATED.

N. PROVIDE RUBBER BASE AT CASEWORK AND MILLWORK TO MATCH ROOM, UNLESS NOTED OTHERWISE.

O. PROVIDE SEALANT WHERE COUNTERS/BACKSPLASHES MEET OTHER CONSTRUCTION, AFTER PAINTING IS COMPLETE : TYPE AND COLOR TO BE SELECTED BY ARCHITECT.

P. WHERE A FINISH TERMINATES RESULTING IN AN EXPOSED EDGE, PROVIDE A PRE-FINISHED EDGE, STANDARD TRIM OR TRANSITION, OR OTHER FINISHED DETAIL APPROVED BY THE ARCHITECT.

Q. ALL CHANGES IN FLOORING FROM EXISTING TO NEW, OR NEW TO NEW, REQUIRE TRANSITION STRIPS. FLOOR FINISH TRANSITIONS SHALL OCCUR AT FACE OF DOORS AT FRAME STOPS, AT TRANSITIONS BETWEEN MATERIALS OF UNEVEN THICKNESS, HIGH SIDE OF TRANSITION SHALL BE INSTALLED AT FACE OF DOOR AT FRAME STOPS. AT AMBIGUOUS CONDITIONS, VERIFY INTENT WITH ARCHITECT PRIOR TO FLOORING INSTALLATION. REFER TO DETAIL C6 / DA6.01.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET ROAD
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: SENIOR HS: 03-11-01-06-0-010-030

REGISTERED ARCHITECT — KENNY B. TARDIFF — 037584 — STATE OF NEW YORK

License Expiration Date: 5/31/2026

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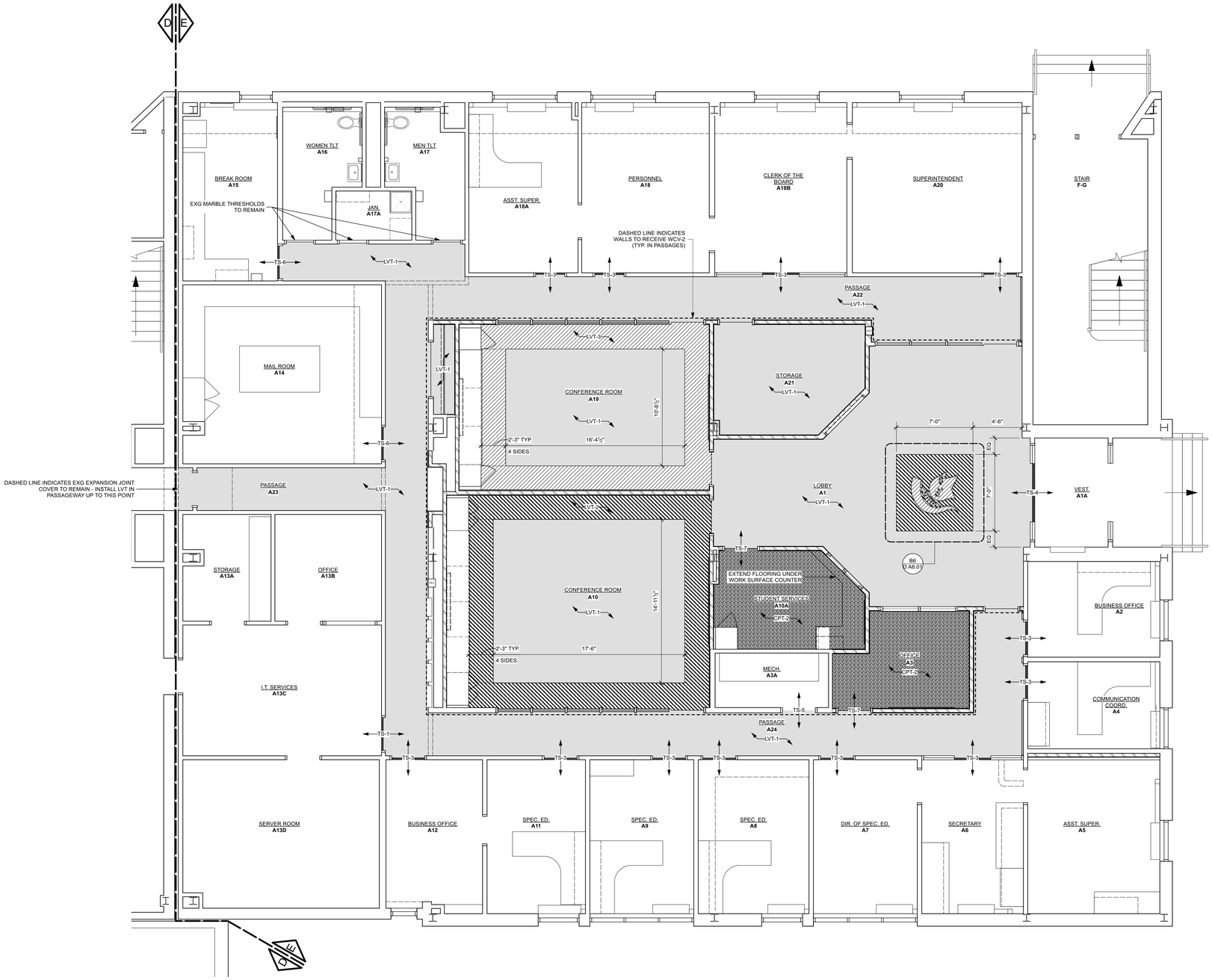
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

FINISH SCHEDULE & LEGEND

D A5.02



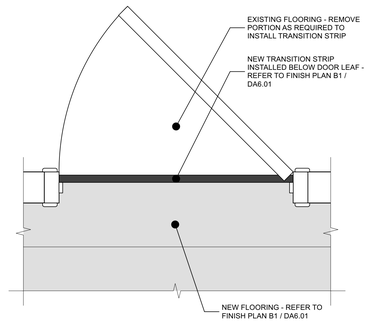
B1 / D A6.01 PARTIAL ENLARGED FINISH PLAN - DISTRICT OFFICE
Scale: 1/4" = 1'-0"

FLOOR FINISH PLAN LEGEND

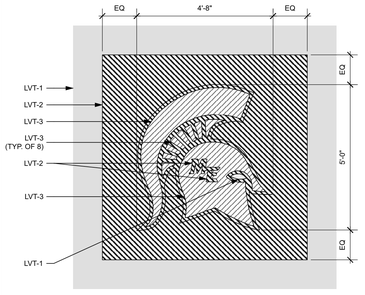
REFER TO SHEET D/A5.02 FOR FINISH SCHEDULE, LEGEND AND GENERAL NOTES.

- CPT-2
- LVT-1
- LVT-2
- LVT-3

TS-1: EXG LVT TO NEW LVT
TS-2: NOT USED
TS-3: EXG CARPET TO NEW LVT
TS-4: EXG TERRAZZO TO NEW LVT
TS-5: EXG CONCRETE TO NEW LVT
TS-6: EXG VCT TO NEW LVT
TS-7: NEW CARPET TO NEW LVT

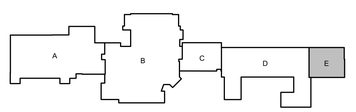


C6 / D A6.01 TYPICAL TRANSITION AT NEW TO EXG FLOOR
Scale: 1 1/2" = 1'-0"



NOTE: ROTATED 90 DEGREES CLOCKWISE FOR CLARITY.

B6 / D A6.01 ENLARGED LVT FLOOR LOGO
Scale: 1/2" = 1'-0"



TRUE NORTH / PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

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ENLARGED FINISH PLAN - DISTRICT OFFICE

D A6.01

CONTROL/SYMBOLS LEGEND

SYMBOL	DESCRIPTION
BI	BINARY INPUT (GENERAL)
BO	BINARY OUTPUT (GENERAL)
AI	ANALOG INPUT (GENERAL)
AO	ANALOG OUTPUT (GENERAL)
A	ALARM
S	STATUS
FS	FLOW SWITCH
DP	DIFFERENTIAL PRESSURE
R	RELAY
WFS	WATER FLOW SWITCH
E	ELECTRIC ACTUATOR
PN	PNEUMATIC ACTUATOR
E/P	ELECTRIC / PNEUMATIC SWITCH OR RELAY
P/E	PNEUMATIC / ELECTRIC SWITCH OR RELAY
CT	CURRENT TRANSDUCER
S/C	OPEN/CLOSE
E/R	ENABLE/DISABLE
TS	TEMPERATURE SENSOR (DUCT OR PIPE)
HS	HUMIDITY SENSOR (DUCT / AHU MOUNTED)
FT	FLOW TRANSMITTER
P	STATIC PRESSURE TRANSMITTER
DPT	ELECTRIC / PNEUMATIC TRANSDUCER
ET	ELECTRONIC / ELECTRIC TRANSDUCER
FZ	FREEZE - STAT
M	MAIN CONTROL AIR (TEMP. CONTROL)
ES	END SWITCH
FM	FLOW METER (HYDRONIC)
CO2	CARBON DIOXIDE TRANSMITTER
O2	OXYGEN SENSOR
COM	NETWORK COMMUNICATIONS INTERFACE
MOD	MODULATING
CAP	CAPACITY FEEDBACK
SC	SPEED CONTROL
DL	DEMAND LIMITING
MB	VSD MANUAL BYPASS
	ELECTRICAL INTERFACE
ASD	ADJUSTABLE SPEED DRIVE
ECM	EC MOTOR
MS	MOTOR STARTER
BDD	BACKDRAFT DAMPER
S	SPACE TEMPERATURE SENSOR
OS	OCCUPANCY SENSOR
H	SPACE HUMIDITY SENSOR
P	SPACE DIFFERENTIAL PRESSURE SENSOR
T	THERMOSTAT
T	THERMOSTAT WITH GUARD
C	CARBON DIOXIDE OR DCV SENSOR
DSD	DUCT SMOKE DETECTOR
	PROBE SENSOR (DUCT)
	AVERAGING SENSOR (DUCT)
	FAN OR BASE-MOUNTED PUMP
	INLINE PUMP
X Y	COIL (X,Y) H,C = HEATING COIL C,C = COOLING COIL D,X = DIRECT EXPANSION COIL G,B = GAS BURNER H,G = HOT GAS REHEAT COIL
	FILTER BANK
	DAMPER (OPPOSED BLADE)
	DAMPER (PARALLEL BLADE)
H	HUMIDIFIER DISPERSION GRID/TUBE
	CONTROL VALVE - 2 WAY
	CONTROL VALVE - 3 WAY
	PIPE WELL

ABBREVIATIONS AND TAGS

SYMBOL	DESCRIPTION
(E)	EXISTING
AD	ACCESS DOOR
AFF	ABOVE FINISHED FLOOR
AFUE	ANNUAL FUEL UTILIZATION EFFICIENCY
APD	AIR PRESSURE DROP
AFF	ABOVE FINISHED FLOOR
ARCH	ARCHITECT
ASD	ADJUSTABLE SPEED DRIVE
AWT	AVERAGE WATER TEMPERATURE
BOD	BOTTOM OF DUCT (ELEVATION)
BHP	BRAKE HORSEPOWER
BTU	BRITISH THERMAL UNIT
BTUH	BTU PER HOUR
CFM	CUBIC FEET PER MINUTE
CL	CENTER LINE
CMS	COMBINATION MOTOR STARTER
COP	COEFFICIENT OF PERFORMANCE
DAT	DISCHARGE AIR TEMPERATURE
DB	DRYBULB AIR TEMPERATURE
DIA	DIAMETER
EA	EXHAUST AIR
EAT	ENTERING AIR TEMPERATURE
EER	ENERGY EFFICIENCY RATIO
EC	ELECTRICAL CONTRACTOR
ERL	EXISTING TO BE RELOCATED
ESP	EXTERNAL STATIC PRESSURE
EWT	ENTERING WATER TEMPERATURE
FEI	FAN ENERGY INDEX
FLA	FULL LOAD AMPS
FPM	FEET PER MINUTE
GAL	GALLONS
GC	GENERAL CONTRACTOR
GPM	GALLONS PER MINUTE
HM	HAZARDOUS MATERIAL CONTRACTOR
HP	HORSEPOWER
IEER	INTEGRATED ENERGY EFFICIENCY RATIO
INWC	INCHES WATER COLUMN
KW	KILOWATT
KWH	KILOWATT HOUR
LAT	LEAVING AIR TEMPERATURE
MAN	MANUAL MOTOR STARTER WITH RELAY
MAT	MIXED AIR TEMPERATURE
MBH	1,000 BTUH
MC	MECHANICAL CONTRACTOR
MCA	MINIMUM CIRCUIT AMPACITY
MOP	MAXIMUM OVERCURRENT PROTECTION
NC	NORMALLY CLOSED
NC	NOISE CRITERIA
NO	NORMALLY OPEN
NTS	NOT TO SCALE
OA	OUTSIDE AIR
OAT	OUTSIDE AIR TEMPERATURE
PC	PLUMBING CONTRACTOR
PH	PHASE
PSI	POUNDS PER SQUARE INCH
PSIA	PSI ATMOSPHERIC
PSIG	PSI GAUGE
RA	RETURN AIR
RAT	RETURN AIR TEMPERATURE
REA	RELIEF AIR
RH	RELATIVE HUMIDITY
RPM	REVOLUTIONS PER MINUTE
SA	SUPPLY AIR
SAT	SUPPLY AIR TEMPERATURE
SEER	SEASONAL EER
SMBH	SENSIBLE MBH
TC	TEMPERATURE CONTROL
TCC	TEMPERATURE CONTROL CONTRACTOR
TMBH	TOTAL MBH
TSP	TOTAL STATIC PRESSURE
TYP	TYPICAL
V	VOLTAGE
WB	WETBULB AIR TEMPERATURE
WPD	WATER PRESSURE DROP

PIPING SYSTEMS LEGEND

SYMBOL	DESCRIPTION
	EXISTING PIPING
	NEW PIPING
	REMOVAL / DEMOLISHED PIPING
S	AIR SEPARATOR
AV	AIR VENT - AUTOMATIC
MV	AIR VENT - MANUAL
	BALANCE VALVE
	BALL VALVE
	BUTTERFLY VALVE
	CHECK VALVE
	CONTROL VALVE TWO WAY
	CONTROL VALVE THREE WAY
	CONTROL VALVE TWO WAY (PNEUMATIC)
	CONTROL VALVE THREE WAY (PNEUMATIC)
	GATE VALVE
	GLOBE VALVE
	PRESSURE REDUCING VALVE
	PRESSURE RELIEF VALVE
	ANGLE VALVE
	STRAINER WITH BLOW DOWN
	TRIPLE DUTY VALVE
PS	PRESSURE SWITCH
FS	FLOW SWITCH
TS	TEMPERATURE SWITCH
	PIPE WELL
	PRESSURE GAUGE
	THERMOMETER
	PIPE CAP OR PLUG
	PIPE BREAK OR CONTINUATION
	REDUCER
	FLOW DIRECTION ARROW
	FLEXIBLE CONNECTION
	TEE - BOTTOM CONNECTION
	TEE - TOP CONNECTION
	ELBOW - UP, DOWN
	UNION
	SPOOL PIECE
	PIPE GUIDE
	PIPE ANCHOR - INTER.
	PIPE ANCHOR - MAIN
	INLINE PUMP
BFP	BACKFLOW PREVENTER
	THERMOSTATIC TRAP
	FLOAT AND THERMOSTATIC TRAP
	BUCKET TRAP
	THERMODYNAMIC TRAP

EQUIPMENT ABBREVIATIONS

SYMBOL	DESCRIPTION
ACCU	AIR COOLED CONDENSING UNIT
AHU	AIR HANDLING UNIT
AS	AIR SEPARATOR
ASHP	AIR-SOURCE HEAT PUMP
B	BOILER
BP	BOILER PUMP
BSU	BRANCH SELECTOR UNIT
BT	BUFFER TANK
CB	CHILLED BEAM
CC	COOLING COIL
CH	CHILLER
CT	COOLING TOWER
CUH	CABINET UNIT HEATER
CONV	CONVECTOR
CV	CONTROL VALVE
DOAS	DEDICATED OUTDOOR AIR SYSTEM
EAV	EXHAUST AIR VALVE
EBB	ELECTRIC BASEBOARD
EDC	ELECTRIC DUCT COIL
EF	EXHAUST FAN
EH	EXHAUST HOOD
ERU	ENERGY RECOVERY UNIT
ERV	ENERGY RECOVER VENTILATOR
ET	EXPANSION TANK
EVAP	EVAPORATOR UNIT
EWH	ELECTRIC WALL HEATER
F	FAN
F	FURNACE
FCU	FAN COIL UNIT
FTR	FIN TUBE RADIATION
GMU	GLYCOL MAKE-UP UNIT
H	HUMIDIFIER
HC	HEATING COIL
HP	HEAT PUMP
HRC	HEAT RECOVERY COIL
HRU	HEAT RECOVERY UNIT
IU	INDUCTION UNIT
KEF	KITCHEN EXHAUST FAN
LV	LOUVER
MAU	MAKE-UP AIR UNIT
P	PUMP
PH	PENTHOUSE
PHC	PREHEAT COIL
RAV	RETURN AIR VALVE
RCP	RADIANT CEILING PANEL
REF	RELIEF FAN
RF	RETURN FAN
RGD	REGISTER, GRILLE, AND DIFFUSER
RH	RELIEF HOOD
RHC	REHEAT COIL
RTH	RADIANT TUBE HEATER
RTU	ROOFTOP UNIT
SAV	SUPPLY AIR VALVE
SF	SUPPLY FAN
SS	SPLIT SYSTEM
TU	TERMINAL UNIT
UH	UNIT HEATER
VAV	VARIABLE VOLUME TERMINAL UNIT
VRF	VARIABLE REFRIGERANT FLOW TERMINAL UNIT
WSHP	WATER SOURCE HEAT PUMP

PIPING ABBREVIATIONS

SYMBOL	DESCRIPTION
—(E)—	EXISTING PIPING
—A—	COMPRESSED AIR
—ATV—	ATMOSPHERIC VENT
—BBD—	BOILER BLOW DOWN
—BFW—	BOILER FEED WATER
—CDR—	CONDENSER WATER RETURN
—CDS—	CONDENSER WATER SUPPLY
—CWR—	CHILLED WATER RETURN
—CWS—	CHILLED WATER SUPPLY
—D—	DRAIN
—DCW—	DOMESTIC COLD WATER
—FILL—	FILL LINE
—FOD—	FUEL OIL DISCHARGE
—FOG—	FUEL OIL GAGE
—FOR—	FUEL OIL RETURN
—FOS—	FUEL OIL SUPPLY
—FOV—	FUEL OIL VENT
—GCWR—	GLYCOL CHILLED WATER RETURN
—GCWS—	GLYCOL CHILLED WATER SUPPLY
—GHWR—	GLYCOL HOT WATER RETURN
—GHWS—	GLYCOL HOT WATER SUPPLY
—H—	HUMIDIFICATION LINE
—HCS—	HOT/CHILLED WATER SUPPLY
—HCR—	HOT/CHILLED WATER RETURN
—HPC—	HIGH PRESSURE CONDENSATE
—HPS—	HIGH PRESSURE STEAM
—HPWR—	HEAT PUMP WATER RETURN
—HPWS—	HEAT PUMP WATER SUPPLY
—HWR—	HOT WATER RETURN
—HWS—	HOT WATER SUPPLY
—IW—	INDIRECT WASTE
—MPC—	MEDIUM PRESSURE CONDENSATE
—MPS—	MEDIUM PRESSURE STEAM
—MU—	MAKE-UP WATER
—NG—	NATURAL GAS
—LPC—	LOW PRESSURE CONDENSATE
—LPS—	LOW PRESSURE STEAM
—LTCWS—	LOW TEMPERATURE CHILLED WATER SUPPLY
—LTCWR—	LOW TEMPERATURE CHILLED WATER RETURN
—PC—	PUMPED CONDENSATE
—RD—	REFRIGERANT DISCHARGE
—RL—	REFRIGERANT LIQUID
—RS—	REFRIGERANT SUCTION
—RHG—	REFRIGERANT HOT GAS
—SW—	SOFTENED WATER
—VAC—	VACUUM
—VC—	VACUUM CONDENSATE

DUCTWORK LEGEND

SYMBOL	DESCRIPTION
	EXISTING DUCTWORK
	REMOVAL / DEMOLISHED DUCTWORK
	NEW DUCTWORK
	DUCT SECTION - SUPPLY
	DUCT SECTION - RETURN OR EXHAUST
A" / B"	WIDTH A" x DEPTH B"
	DUCT TRANSITION
A"Ø	ROUND DUCT IN INCHES
A"xB"-Ø	FLAT OVAL DUCT IN INCHES
	ACOUSTIC / THERMAL LINING, W/DOUBLE WALL
	FLEXIBLE DUCTWORK
A / B	RISE IN DUCT
A / B	DROP IN DUCT
	RETURN OR EXHAUST REGISTER OR GRILLE
	SUPPLY DIFFUSER WITH FLEX DUCT CONNECTION
	SUPPLY DIFFUSER WITH PLENUM BOX
	SUPPLY DIFFUSER WITH HARD DUCT CONNECTION
L	VOLUME DAMPER
FD	FIRE DAMPER
SD	SMOKE DAMPER
CFSD	COMBINATION FIRE / SMOKE DAMPER
	FLEXIBLE CONNECTION
AAD	AUTOMATIC AIR DAMPER (OPPOSED BLADE)
AAD	AUTOMATIC AIR DAMPER (PARALLEL BLADE)
	AIRFLOW DIRECTION ARROW
REGISTER GRILLE DIFFUSER TAG	REGISTER, GRILLE, DIFFUSER TAG TYPE NECK × NECK SIZE
AIR TERMINAL UNIT TAG	AIR TERMINAL UNIT TAG SEQUENCE MAX CFM/LOW AIR CFM MIN = MINIMUM CFM

MISCELLANEOUS

SYMBOL	DESCRIPTION
	REFERENCE TO DRAWING NOTE
	REFERENCE TO REMOVAL NOTE
	CONNECTION TO EXISTING
	REMOVE TO THIS POINT
	DETAIL/PLAN REFERENCE SYMBOL

GENERAL HVAC NOTES:

A. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO FIELD VERIFY EXISTING CONDITIONS WITHIN THE BUILDING PRIOR TO COMMENCEMENT OF ALL DEMOLITION AND NEW WORK.

B. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REMOVE AND REPLACE EXISTING CEILINGS; UNLESS OTHERWISE NOTED ON THE ARCHITECTURAL DRAWINGS, FOR PERFORMING DEMOLITION OR NEW WORK WITHIN THE BUILDING. THE EXISTING CEILINGS SHALL BE REMOVED IN A MANNER TO AVOID DAMAGE TO THE CEILING SYSTEMS. STORAGE OF CEILING SYSTEM COMPONENTS FOR REINSTALLATION IS THE RESPONSIBILITY OF THE CONTRACTOR. THE STORAGE OF ALL MATERIAL SHALL BE IN AREAS OR LOCATIONS APPROVED BY THE OWNER. THE OWNER WILL NOT COMPENSATE FOR ANY DAMAGED OR LOST MATERIAL WHILE IN STORAGE. AFTER COMPLETION OF ALL DEMOLITION OR NEW WORK, THE CONTRACTOR SHALL REINSTALL THE CEILING SYSTEMS TO MATCH THE ORIGINAL INSTALLATION. ANY CEILING SYSTEM COMPONENT DAMAGED DURING DEMOLITION, STORAGE OR REINSTALLATION SHALL BE REPLACED WITH NEW AT NO EXPENSE TO THE OWNER.

C. DEMOLITION DRAWINGS SHOW IN GENERAL MAJOR EQUIPMENT, PIPING AND DUCTWORK REMOVALS.

D. THE INTENT IS NOT TO IDENTIFY ALL MISCELLANEOUS PIPING, PIPING ACCESSORIES, DUCTWORK ACCESSORIES, SUPPORTS, CONTROLS, CONTROL ACCESSORIES, CONTROL WIRING AND CONDUIT, AND PNEUMATIC CONTROL TUBING AND ACCESSORIES TO BE DISCONNECTED AND REMOVED, BUT IS THE REQUIREMENT UNDER THIS CONTRACT. NO EQUIPMENT, PIPING OR DUCTWORK SHALL BE ABANDONED IN PLACE, UNLESS OTHERWISE NOTED ON THE DRAWINGS.

E. ALL EQUIPMENT INDICATED TO BE TURNED OVER TO THE OWNER SHALL BE DISCONNECTED AND REMOVED FROM THE EXISTING SYSTEMS AND DELIVERED (INCLUDING LOADING AND UNLOADING) TO A STORAGE AREA WITHIN THE BUILDING AS SELECTED BY THE OWNER. IT WILL BE THE RESPONSIBILITY OF THE CONTRACTOR TO REPAIR ANY EQUIPMENT DAMAGED DURING REMOVAL AND DELIVERY FOR STORAGE. ANY DAMAGE TO EQUIPMENT PRIOR TO DISCONNECTING SHOULD BE REPORTED TO THE OWNER'S REPRESENTATIVE. IF NOT REPORTED, THE CONTRACTOR TAKES FULL RESPONSIBILITY FOR REPAIRS TO THE EQUIPMENT.

F. BEFORE DISCONNECTING, REMOVING OR SERVICING ANY AIR CONDITIONING EQUIPMENT OR SYSTEMS CONTAINING REFRIGERANTS, THE EQUIPMENT OR SYSTEMS SHALL BE EVACUATED OF ALL REFRIGERANT, PER THE LATEST ADOPTED RULES AND REGULATIONS BY THE UNITED STATES ENVIRONMENTAL PROTECTION AGENCY (EPA). THE CONTRACTOR OR TECHNICIAN PERFORMING ALL WORK SHALL BE CERTIFIED BY AN EPA APPROVED CERTIFYING AGENCY OR ORGANIZATION.

G. ALL DUCTWORK, PIPING AND CONDUIT PENETRATIONS THROUGH RATED WALLS OR FLOORS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING'S PER SPECIFICATION. REFER TO THE CODE ANALYSIS OR LIFE SAFETY DRAWINGS FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

H. UNLESS SHOWN ON THE ARCHITECTURAL DRAWINGS, IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO PATCH AND FINISH ALL EXISTING DUCTWORK OR PIPE PENETRATIONS THROUGH FLOORS, ROOFS, INTERIOR WALLS AND EXTERIOR WALLS AFTER DEMOLITION TO MATCH EXISTING INCLUDING EQUAL FIRE RATINGS.

I. IT IS NOT THE INTENT OF THE DRAWINGS TO SHOW ALL AIR VENTS OR DRAINS ON THE PIPING SYSTEMS THROUGHOUT THE BUILDING. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROVIDE AIR VENTS AT ALL SYSTEM HIGH POINTS AND AT AREAS WITHIN THE PIPING SYSTEMS THAT COULD ACCUMULATE OR TRAP AIR WHICH WOULD PREVENT PROPER VENTING OR OPERATION OF THE SYSTEMS. DRAINS SHALL BE PROVIDED AT ALL LOW POINTS WITHIN THE PIPING SYSTEM TO FACILITATE DRAINING OF THE SYSTEM COMPLETELY.

J. ALL NEW PENETRATIONS SHALL BE PROVIDED FOR INSTALLATION OF MECHANICAL SYSTEMS INCLUDING, BUT NOT LIMITED TO, EQUIPMENT, DUCTWORK, PIPING, ETC.

K. THIS CONTRACTOR SHALL BE RESPONSIBLE TO REVIEW ALL ABATEMENT SERIES DRAWINGS FOR THEIR SCOPE OF WORK TO RE-INSULATE ALL MECHANICAL SYSTEM AFTER ABATEMENT.

L. ALL CONTROLS CALLED FOR REMOVAL SHALL BE COMPLETE, INCLUDING PNEUMATIC AIR LINE REMOVAL BACK TO MAIN AIR SOURCE. ALL LINES SHALL BE CAPPED AIR TIGHT. PROVIDE AIR TEST AT COMPLETION OF THE WORK. SUBMIT TEST RESULTS AS PART OF CLOSEOUT DOCUMENTATION.

M. ALL ROOM THERMOSTATS AND TEMPERATURE SENSORS CALLED FOR REMOVAL SHALL BE COMPLETE, BACK TO SOURCE. PATCHING AND PAINTING OF WALLS SHALL MATCH EXISTING.

N. THE CONTRACTOR SHALL PROVIDE MINIMUM 16x16 ACCESS DOORS WITHIN GYPSUM CEILINGS, GYPSUM WALLS AND MASONRY WALLS AT FIRE DAMPERS, SMOKE DAMPERS, COMBINATION FIRE/SMOKE DAMPERS TO ALLOW FULL ACCESS TO DUCTWORK MOUNTED ACCESS DOORS FOR SERVICING THE DAMPERS. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR CEILING AND WALL CONSTRUCTION TYPES AND RATING REQUIREMENTS FOR SELECTION OF ACCESS DOOR TYPES. REFER TO SPECIFICATIONS FOR ACCESS DOOR REQUIREMENTS. AT SMOKE DAMPER AND COMBINATION FIRE/SMOKE DAMPER INSTALLATIONS, THE CONTRACTOR SHALL PROVIDE A MINIMUM 16x16 ACCESS DOOR AT THE DUCT MOUNTED SMOKE DETECTORS.

O. PRIOR TO DEMOLITION OF ANY HVAC EQUIPMENT, REMOVE ALL ASSOCIATED CONTROLS. WHICH INCLUDES REMOVAL OF CONTROLLERS, CONTROL WIRING BACK TO SOURCE, DEPROGRAMMING OF ALL CONTROL POINTS AND GRAPHICAL USER INTERFACE ASSOCIATED WITH THESE DEVICES FROM THE SYSTEM. PROVIDE ALL WORK REQUIRED TO MAINTAIN CONTINUITY OF EXISTING COMMUNICATION NETWORKS FOR REMAINING CONTROL DEVICES. COORDINATE ALL CONTROL DISCONNECT WORK WITH FACILITIES.

P. COORDINATE ALL SHUT DOWNS WITH OWNER PRIOR TO CONSTRUCTION.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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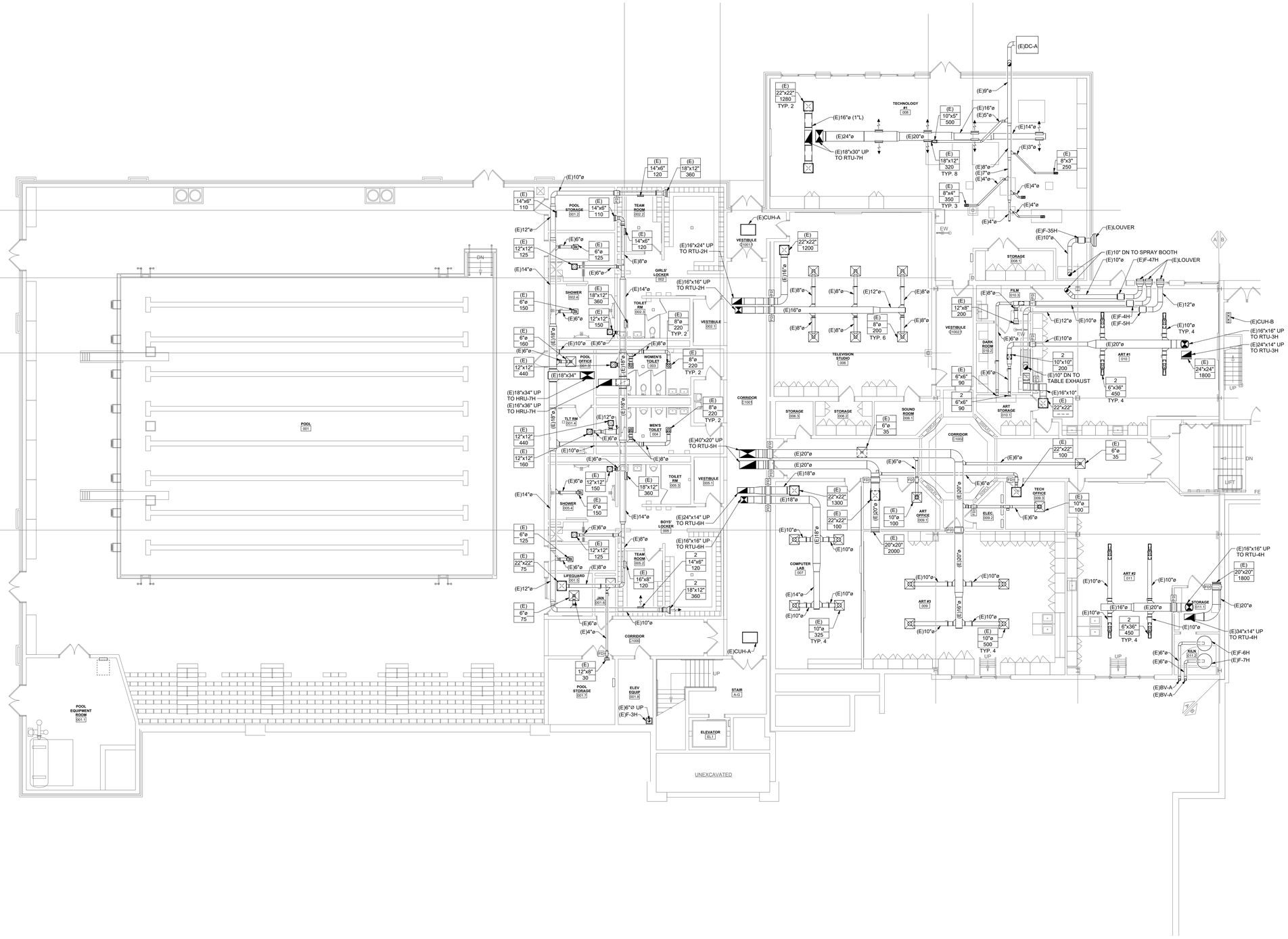
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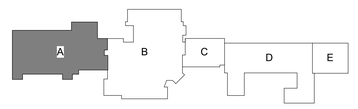
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GENERAL NOTES & LEGENDS - HVAC

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1 GROUND FLOOR PLAN - AREA A - DUCTWORK DEMOLITION - FOR REFERENCE ONLY
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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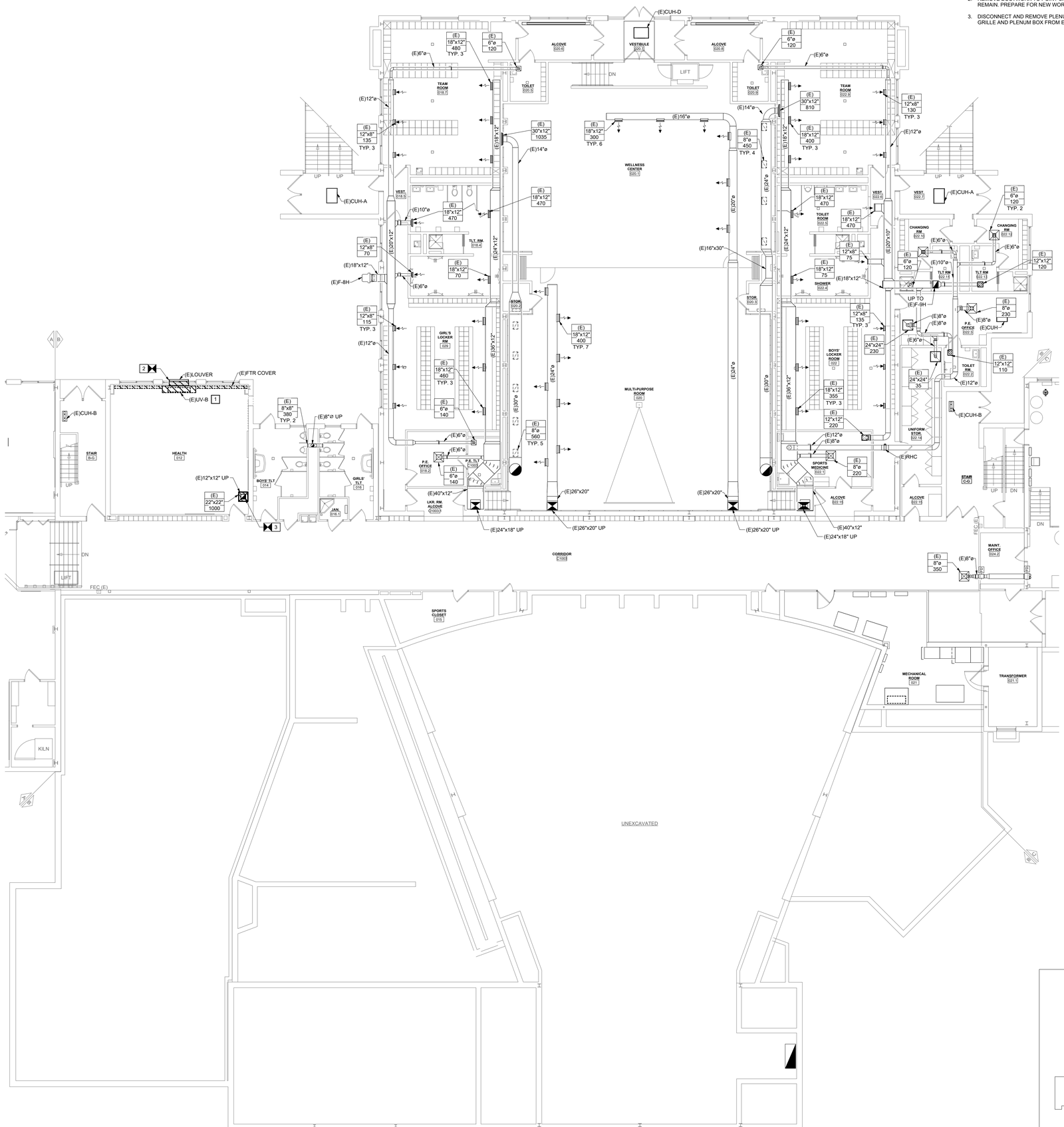
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GROUND FLOOR PLAN - AREA A - DUCTWORK DEMOLITION

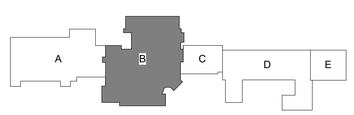
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REMOVAL NOTES:

1. REMOVE UNIT VENTILATOR, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
2. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK
3. DISCONNECT AND REMOVE PLENUM BOX FROM FLEX DUCTWORK. REMOVE RELIEF GRILLE AND PLENUM BOX FROM EXISTING DUCTWORK.



1 GROUND FLOOR PLAN - AREA B - DUCTWORK DEMOLITION
1/8" = 1'-0"



PROJECT NORTH
KEY PLAN

king+king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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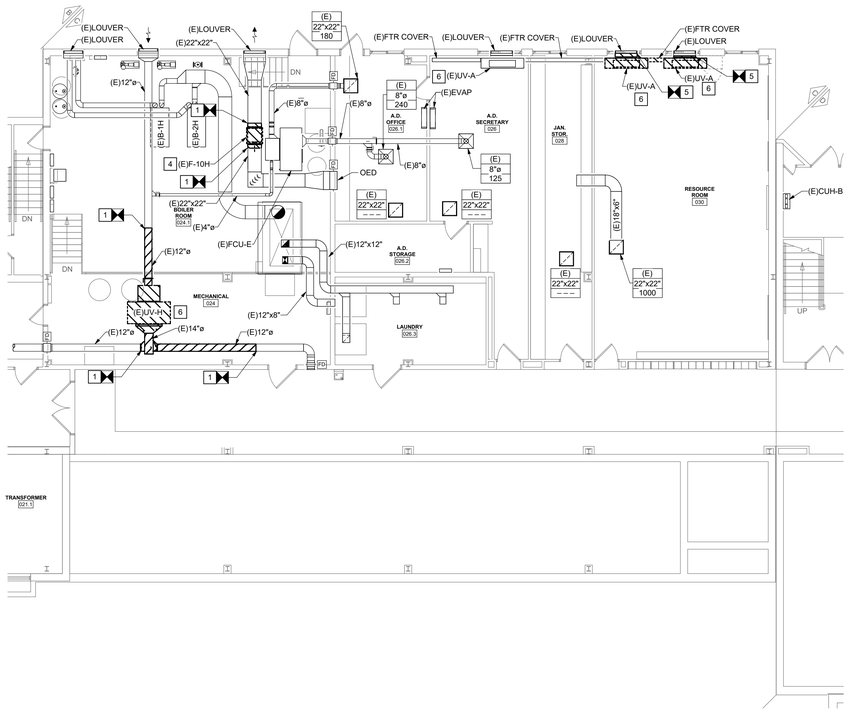
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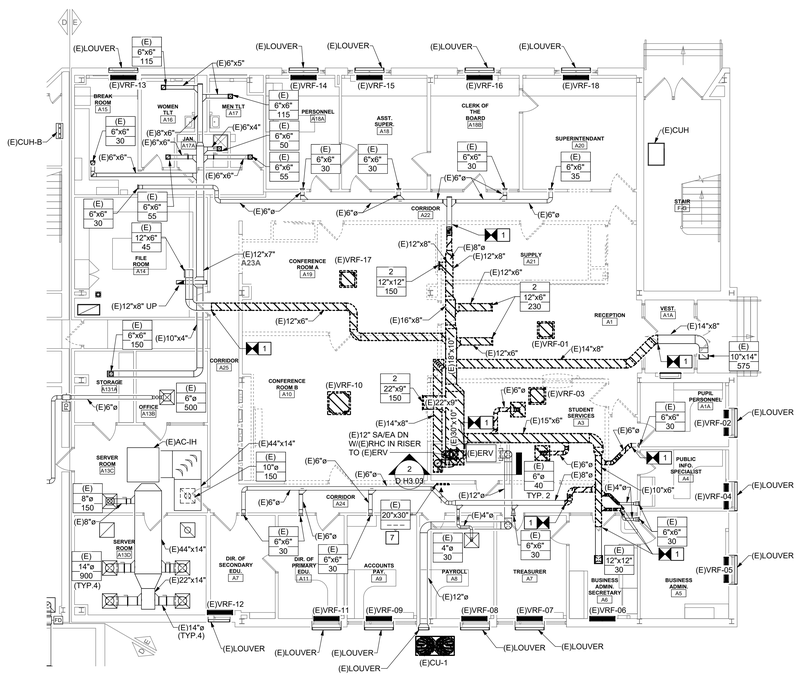
DRAWING TITLE:

GROUND FLOOR PLAN - AREA B - DUCTWORK DEMOLITION

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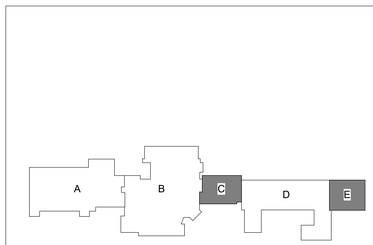
1 GROUND FLOOR PLAN - AREA C - DUCTWORK DEMOLITION
1/8" = 1'-0"



4 GROUND FLOOR PLAN - AREA E - DUCTWORK DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
2. REMOVE DUCTWORK TO POINT SHOWN AND CAP.
3. REMOVE FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
4. REMOVE EXHAUST FAN, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
5. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK.
6. REMOVE UNIT VENTILATOR, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
7. REMOVE WALL TRANSFER GRILLE. PREPARE OPENING FOR NEW WORK.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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MECHANICAL & ELECTRICAL COMMUNICATIONS
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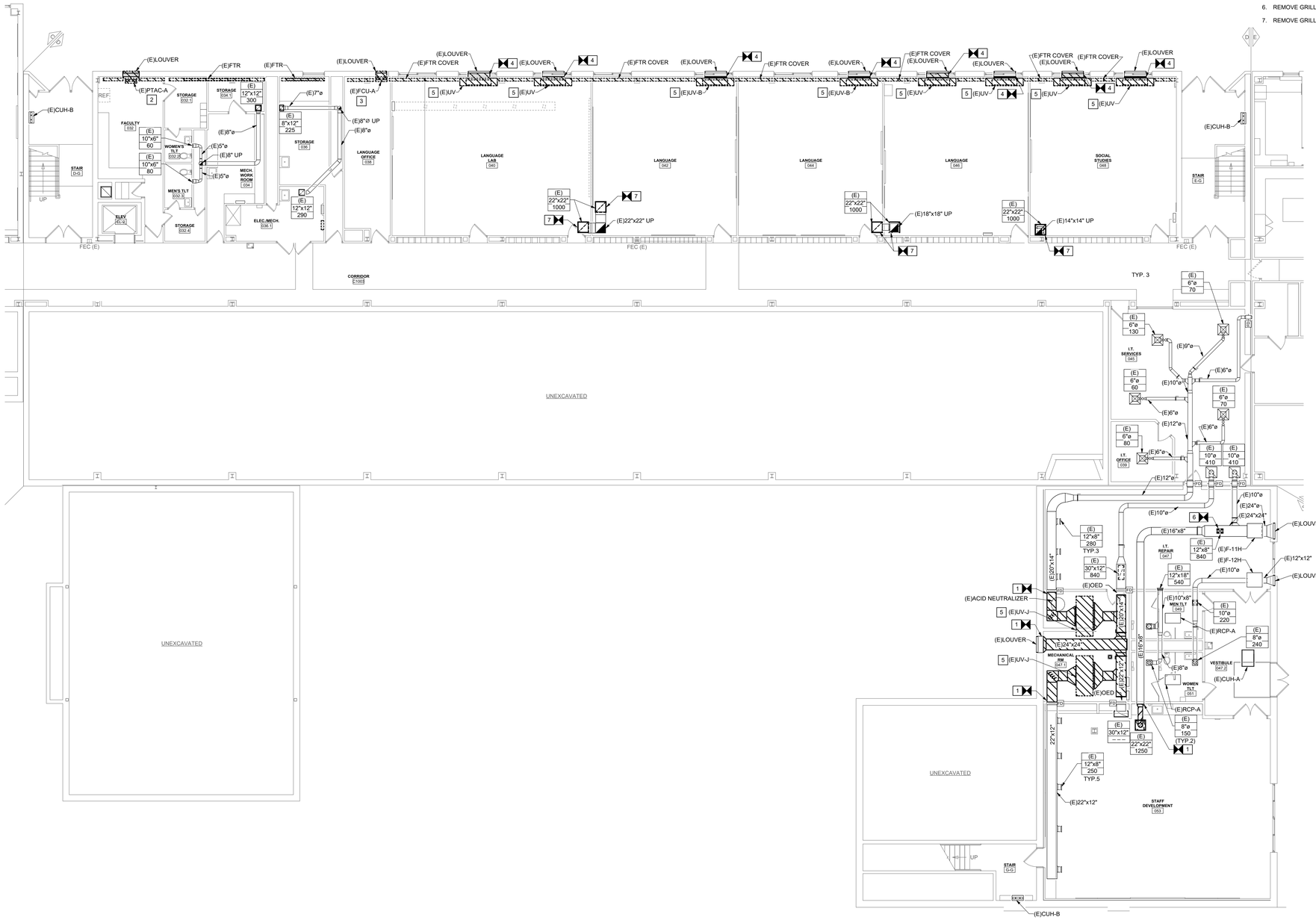
DRAWING TITLE:

GROUND FLOOR PLAN - AREAS C & E - DUCTWORK DEMOLITION

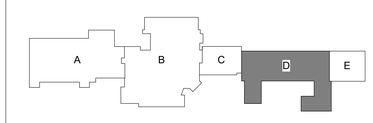
D H0.03

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
2. REMOVE PTAC UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES. REMOVE LOUVER AND WALL SLEEVE. PREPARE FOR NEW WORK.
3. REMOVE FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES. REMOVE LOUVER AND WALL SLEEVE. PREPARE FOR NEW WORK.
4. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK.
5. REMOVE UNIT VENTILATOR, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
6. REMOVE GRILLE AND CAP DUCTWORK AT POINT SHOWN.
7. REMOVE GRILLE. PREPARE FOR NEW WORK.



1 GROUND FLOOR PLAN - AREA D - DUCTWORK DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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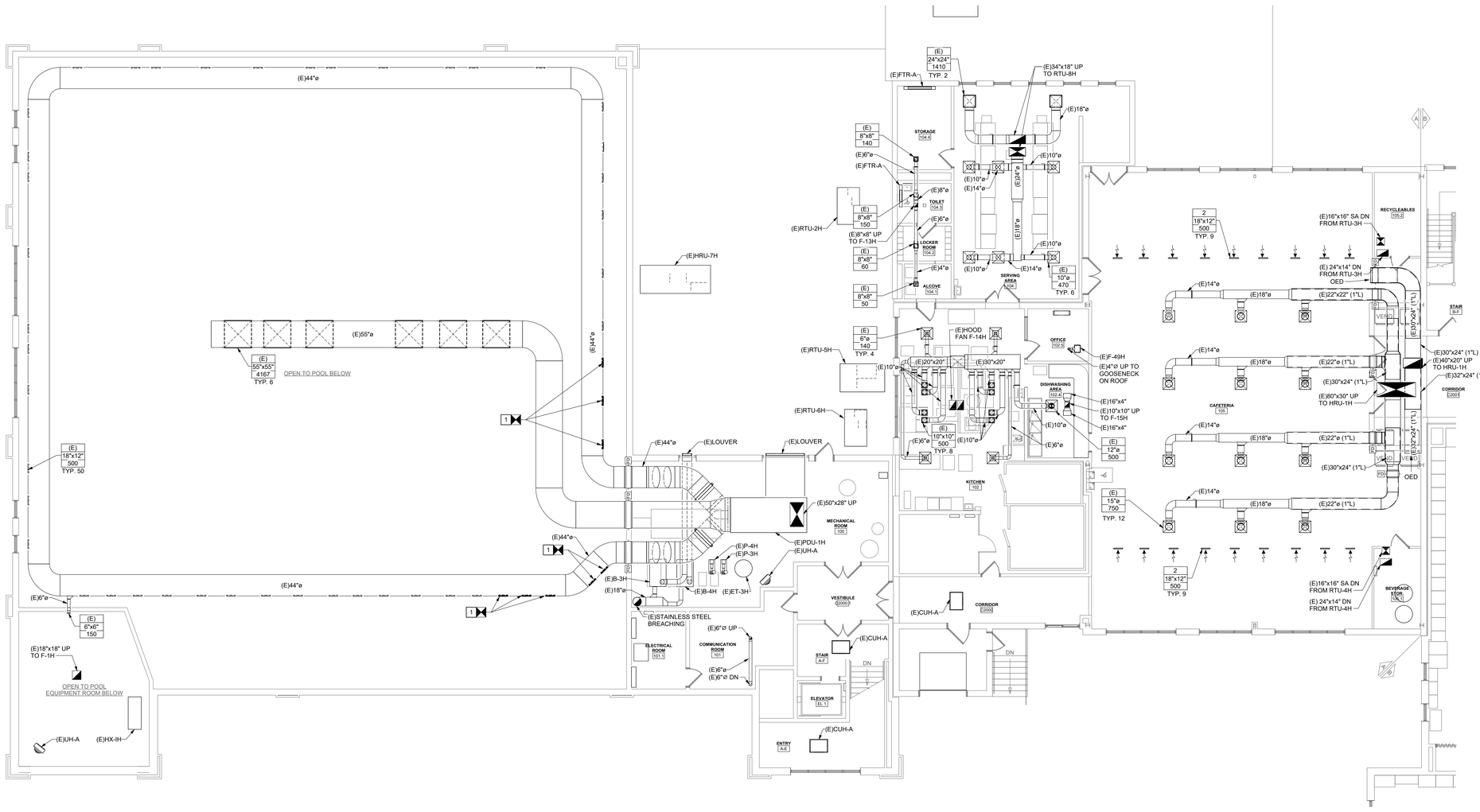
DRAWING TITLE:

GROUND FLOOR PLAN - AREA D - DUCTWORK DEMOLITION

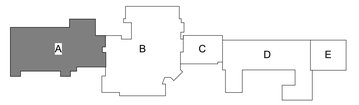
D H0.04

REMOVAL NOTES:

1. REMOVE SUPPLY GRILLE AT AND CAP DUCTWORK AT LOCATION SHOWN. RETAIN SUPPLY GRILLE FOR REUSE. SEE D H1.05.



1 FIRST FLOOR PLAN - AREA A - DUCTWORK DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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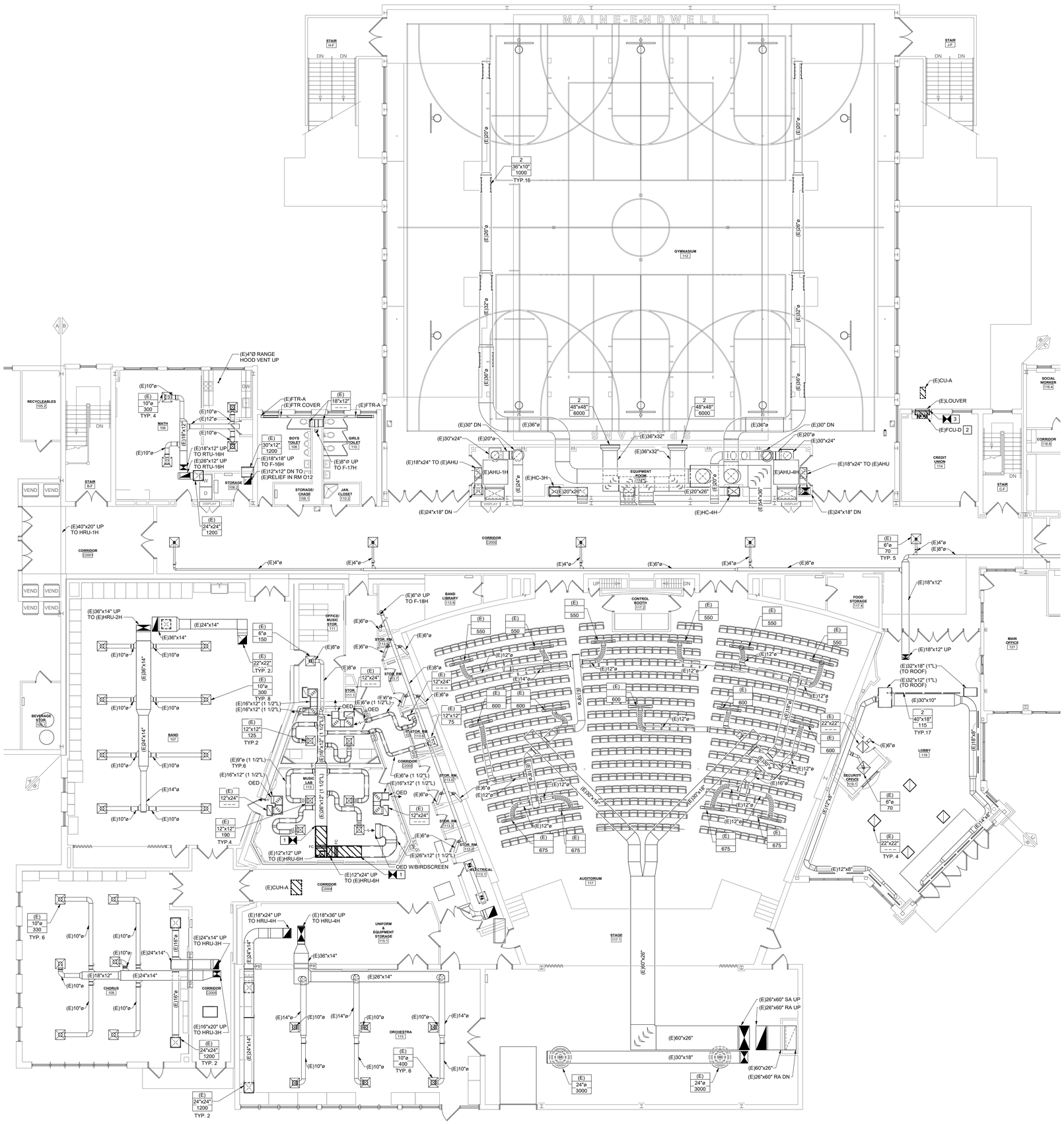
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FIRST FLOOR PLAN - AREA A - DUCTWORK DEMOLITION

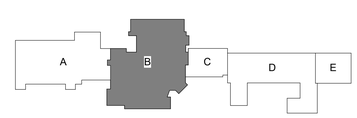
D H0.05

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
2. REMOVE FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
3. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK.



1 FIRST FLOOR PLAN - AREA B - DUCTWORK DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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750 FARM TO MARKET RD
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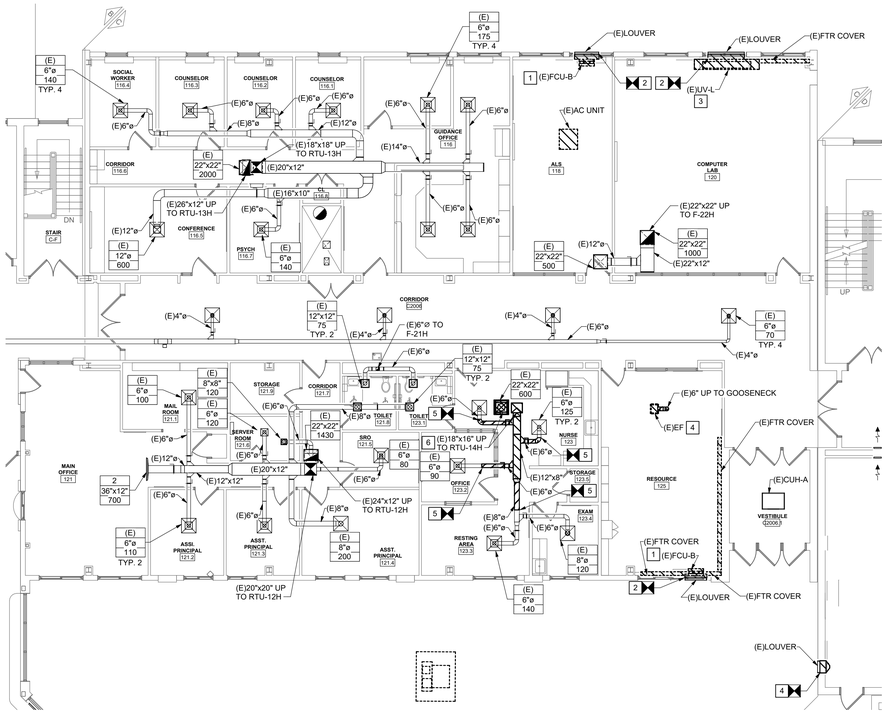
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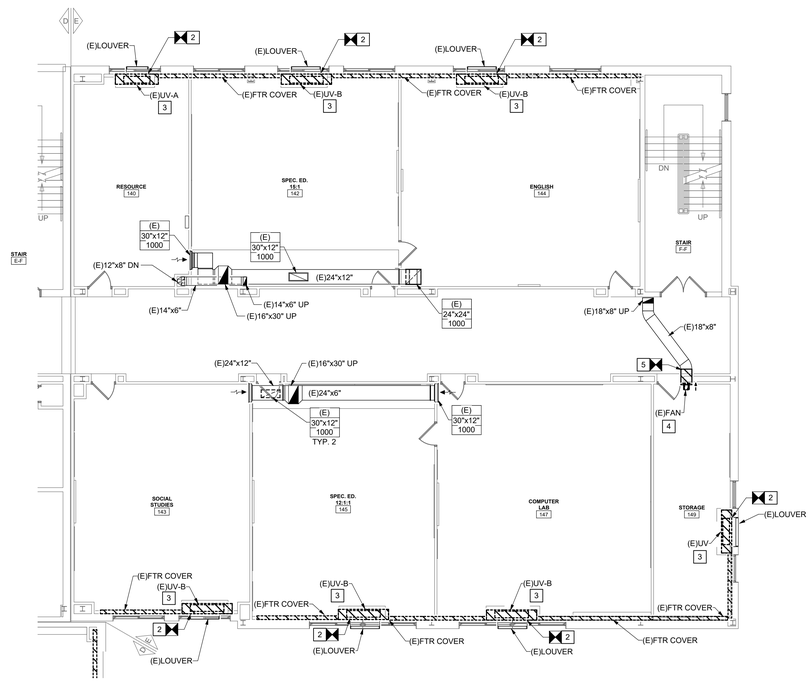
DRAWING TITLE:

FIRST FLOOR PLAN - AREA B - DUCTWORK DEMOLITION

D H0.06



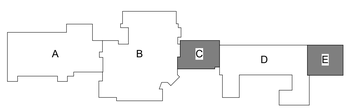
1 FIRST FLOOR PLAN - AREA C - DUCTWORK DEMOLITION
1/8" = 1'-0"



2 FIRST FLOOR PLAN - AREA E - DUCTWORK DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. REMOVE FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
2. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK.
3. REMOVE UNIT VENTILATOR, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
4. REMOVE WALL MOUNTED EXHAUST FAN, INCLUDING DUCTWORK, TEMPERATURE CONTROLS AND ACCESSORIES.
5. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
6. REMOVE DUCTWORK UP TO ROOFTOP UNIT ABOVE.



PROJECT NORTH
KEY PLAN

king+king ARCHITECTS

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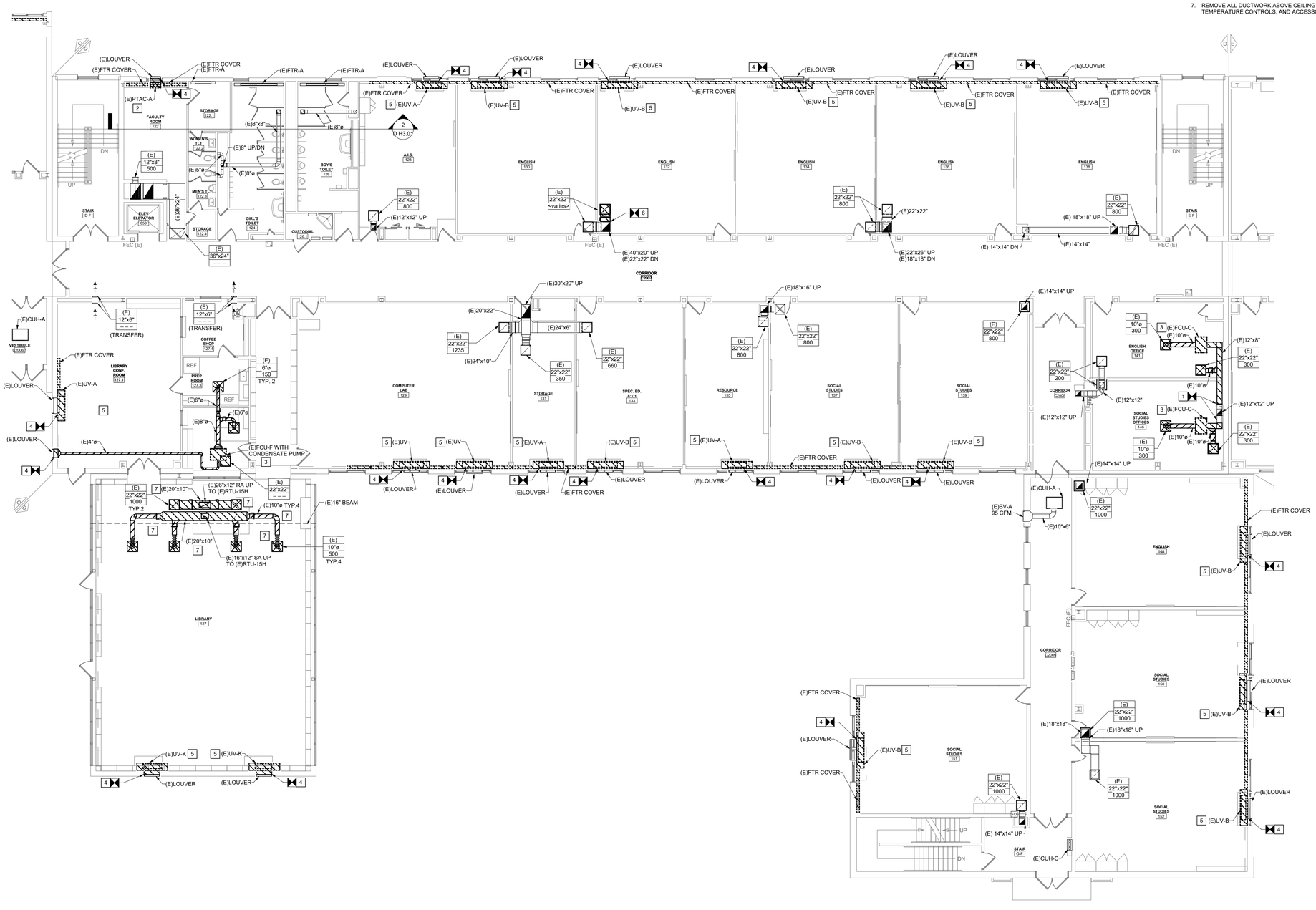
DRAWING TITLE:

FIRST FLOOR PLAN - AREAS C & E - DUCTWORK DEMOLITION

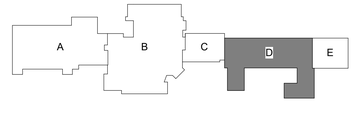
D H0.07

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
2. REMOVE PTAC UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
3. REMOVE FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES. REMOVE LOUVER AND WALL SLEEVE. PREPARE FOR NEW WORK.
4. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK.
5. REMOVE UNIT VENTILATOR, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
6. REMOVE DUCTWORK TO POINT SHOWN AND CAP.
7. REMOVE ALL DUCTWORK ABOVE CEILING UP TO ROOFTOP UNIT, INCLUDING TEMPERATURE CONTROLS, AND ACCESSORIES.



1 FIRST FLOOR PLAN - AREA D - DUCTWORK DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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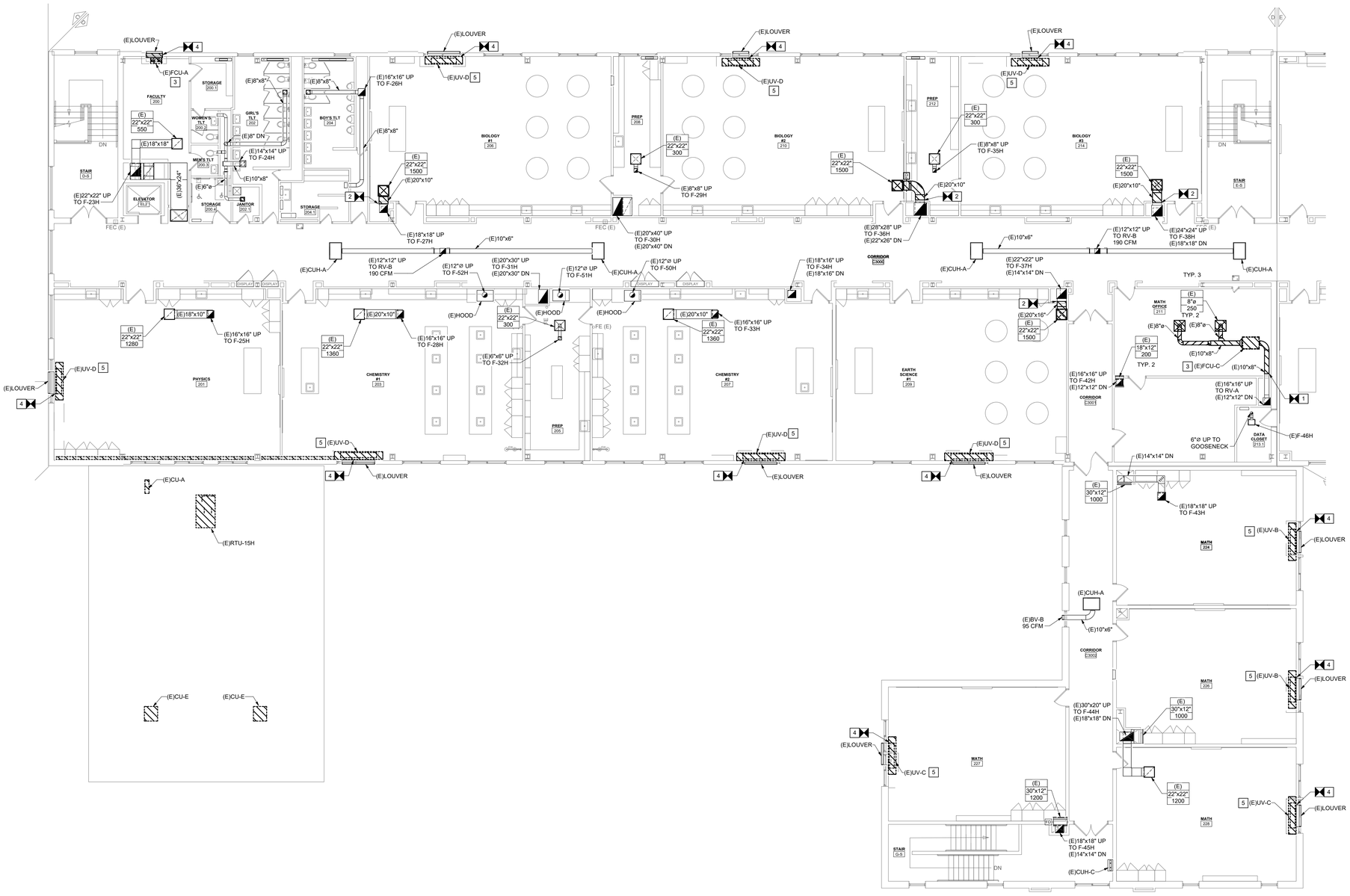
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FIRST FLOOR PLAN - AREA D - DUCTWORK DEMOLITION

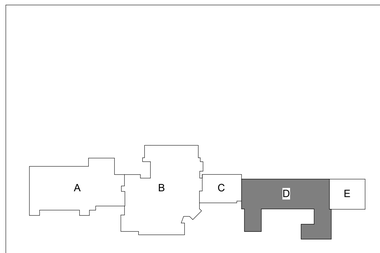
D H0.08

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
2. REMOVE DUCTWORK TO POINT SHOWN AND CAP.
3. REMOVE FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
4. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK.
5. REMOVE UNIT VENTILATOR, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.



1 SECOND FLOOR PLAN - AREA D - DUCTWORK DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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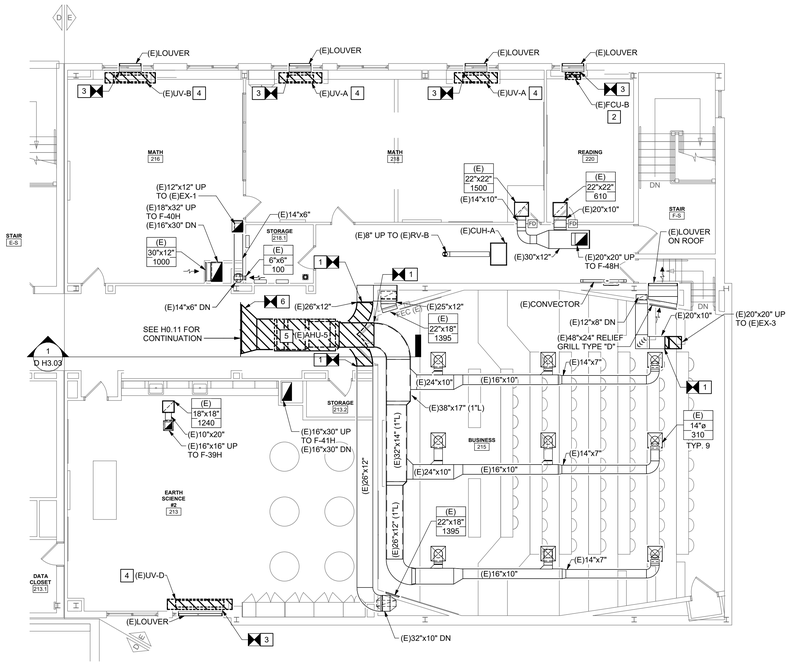
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SECOND FLOOR PLAN - AREA D - DUCTWORK DEMOLITION

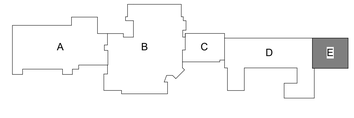
D H0.09



1 SECOND FLOOR PLAN - AREA E - DUCTWORK DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
2. REMOVE FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
3. REMOVE DUCTWORK TO POINT SHOWN. EXISTING WALL SLEEVE AND LOUVER TO REMAIN. PREPARE FOR NEW WORK.
4. REMOVE UNIT VENTILATOR, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
5. REMOVE AIR HANDLING UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
6. REMOVE DUCTWORK TO LOUVER ON EXTERIOR WALL IN ROOF. REFER TO H0.11 FOR CONTINUATION.



PROJECT NORTH

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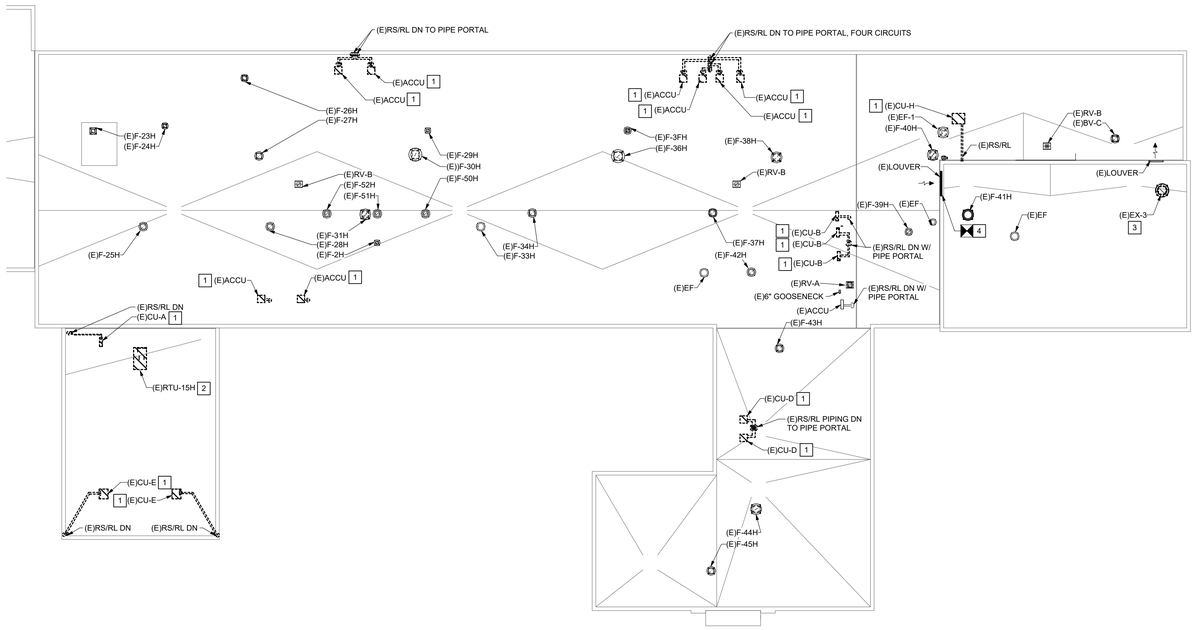
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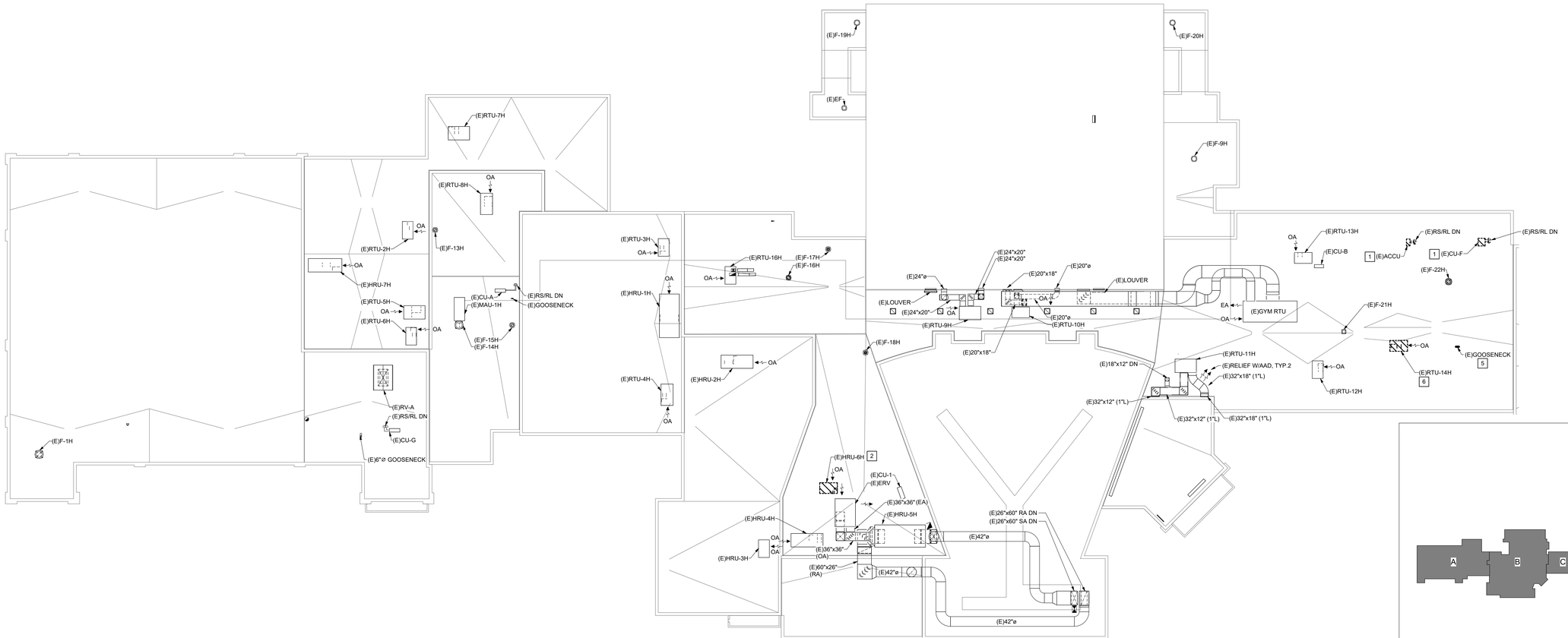
DRAWING TITLE:

SECOND FLOOR PLAN - AREA E - DUCTWORK DEMOLITION

D H0.10



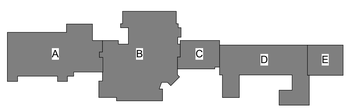
1 ROOF PLAN - AREA D & E - HVAC DEMOLITION
1/16" = 1'-0"



2 ROOF PLAN - AREA A, B & C - HVAC DEMOLITION
1/16" = 1'-0"

PROJECT NORTH

KEY PLAN



REMOVAL NOTES:

1. REMOVE AIR COOLED CONDENSING UNIT, INCLUDING TEMPERATURE CONTROLS, EQUIPMENT RAILS, PIPE PORTAL, AND ACCESSORIES. REMOVE REFRIGERANT PIPING DOWN TO SPACE BELOW.
2. REMOVE ROOFTOP UNIT, INCLUDING DUCTWORK, TEMPERATURE CONTROLS, ROOF CURB, AND ACCESSORIES.
3. REMOVE EXHAUST FAN, INCLUDING TEMPERATURE CONTROLS, ROOF CURB, AND ACCESSORIES.
4. REMOVE LOUVER AND ASSOCIATED DUCTWORK. PREPARE FOR NEW WORK.
5. REMOVE GOOSENECK, INCLUDING TEMPERATURE CONTROLS, ACCESSORIES, AND CURB. COORDINATE WITH GC FOR INFILL.
6. REMOVE ROOFTOP UNIT AND RETAIN FOR REUSE, INCLUDING TEMPERATURE CONTROLS, ROOF CURB, AND ACCESSORIES.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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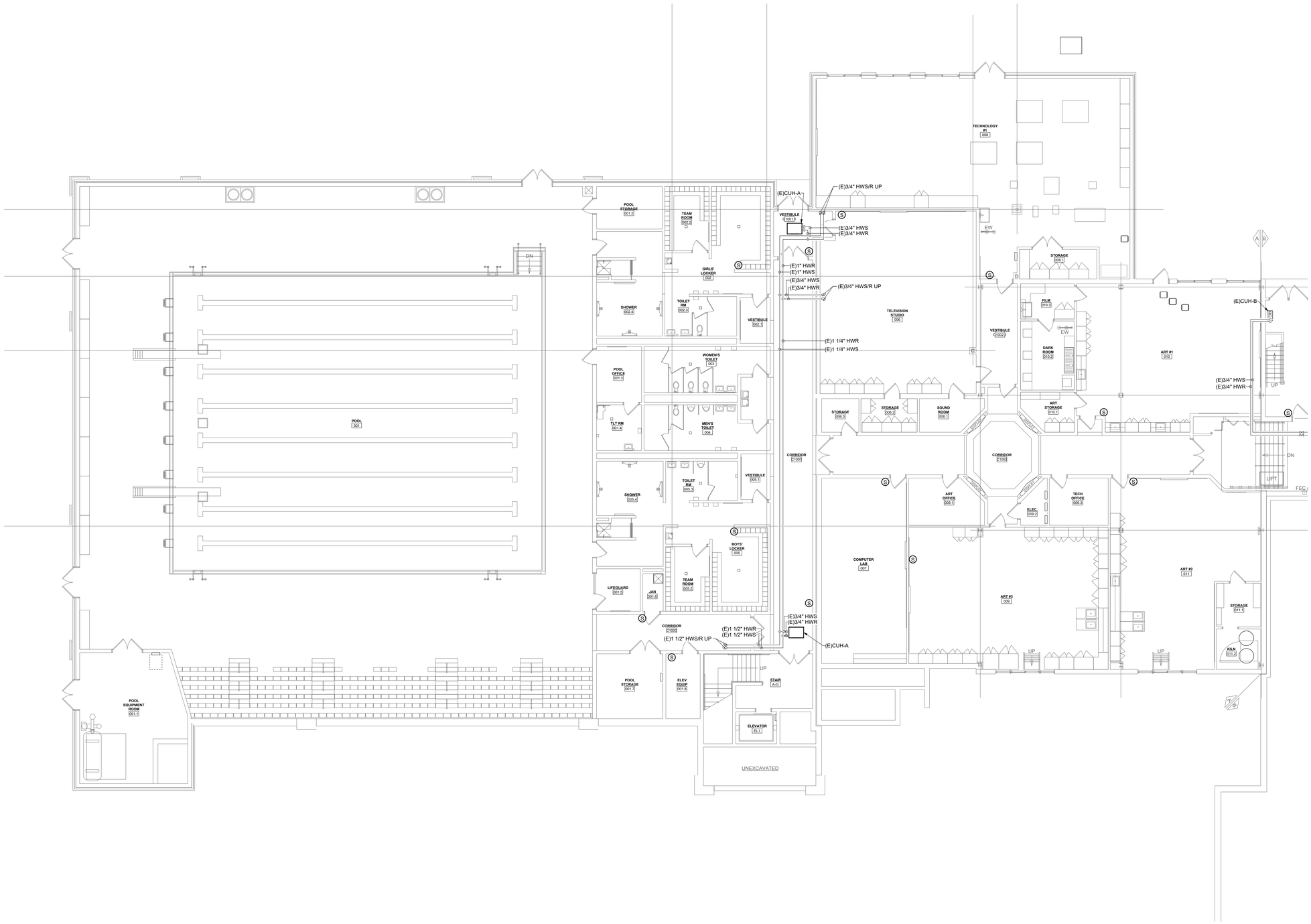
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SCALE: **AS NOTED**

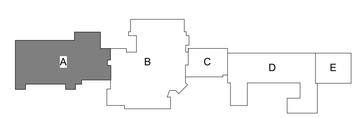
DRAWING TITLE:

ROOF PLAN - HVAC DEMOLITION

D H0.11



1 GROUND FLOOR PLAN - AREA A - PIPING DEMOLITION - FOR REFERENCE ONLY
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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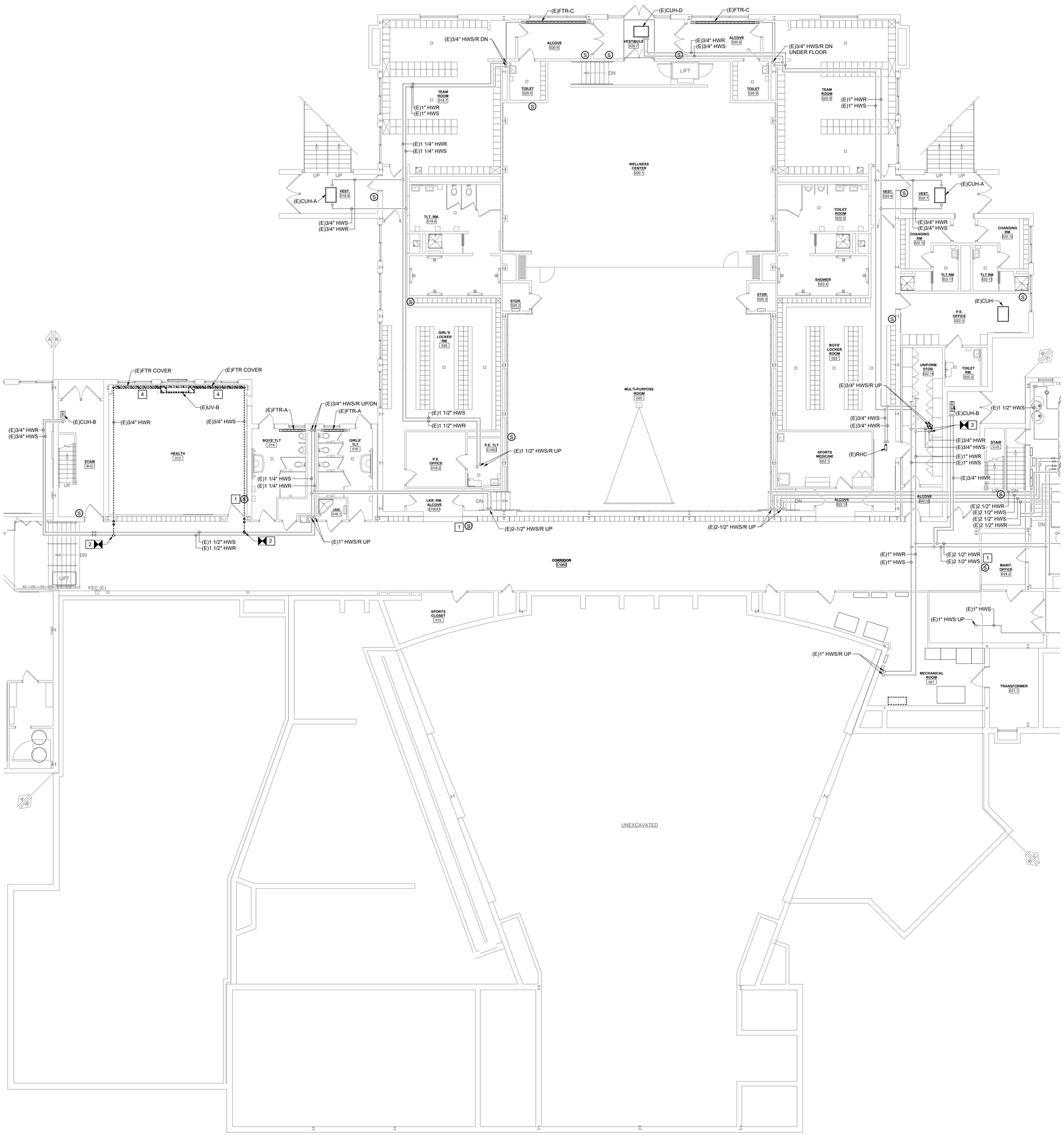
DRAWING TITLE:

GROUND FLOOR PLAN - AREA A - PIPING DEMOLITION

D H0.12

REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN AND CAP.
4. REMOVE HEATING HOT WATER PIPING ROUTED HORIZONTALLY ALONG EXTERIOR WALL SERVING (E)UNIT VENTILATOR, INCLUDING ALL ASSOCIATED FIN RADIATION COVER AND ACCESSORIES.



1 GROUND FLOOR PLAN - AREA B - PIPING DEMOLITION
1/8" = 1'-0"

PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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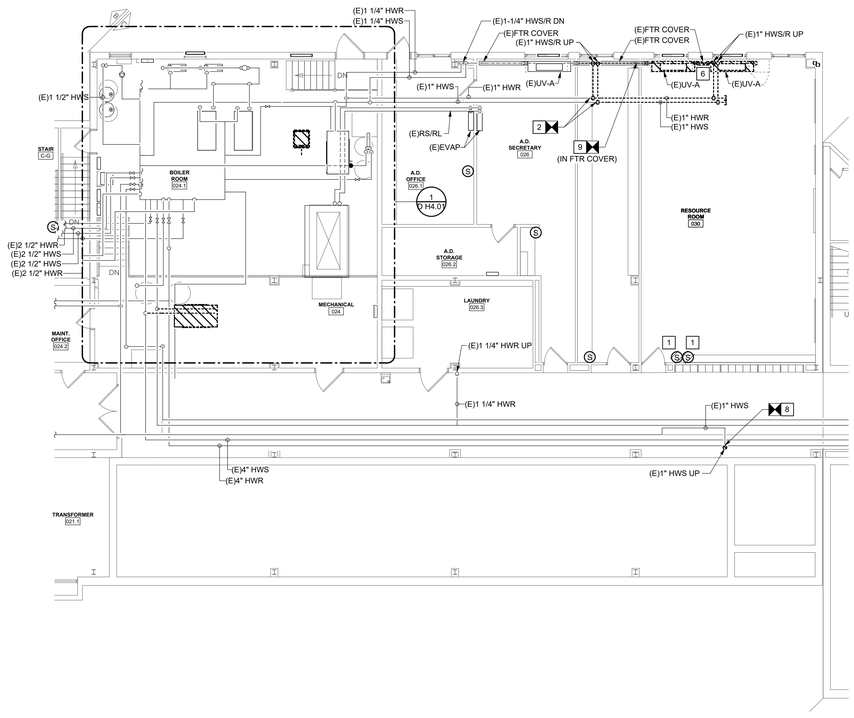
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

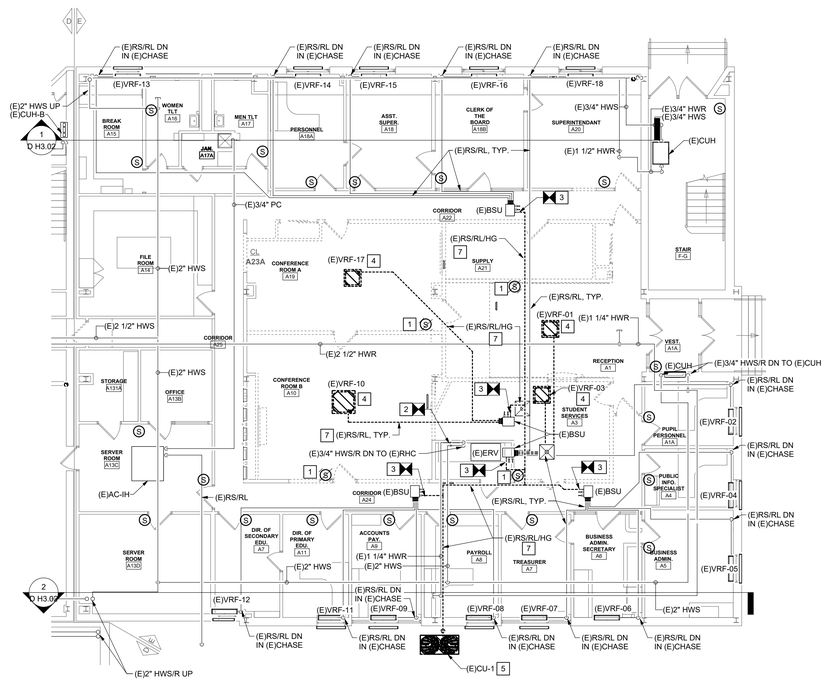
DRAWING TITLE:

GROUND FLOOR PLAN - AREA B - PIPING DEMOLITION

D H0.13



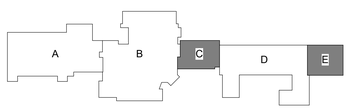
1 GROUND FLOOR PLAN - AREA C - PIPING DEMOLITION
1/8" = 1'-0"



4 GROUND FLOOR PLAN - AREA E - PIPING DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. REMOVE REFRIGERATION PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN BRANCH SELECTOR FOR NEW PIPING.
4. REMOVE VRF FAN COIL UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
5. REMOVE VRF OUTDOOR CONDENSING UNT, INCLUDING TEMPERATURE CONTROLS, EQUIPMENT RAILS, AND ACCESSORIES. EVACUATE AND RECLAIM EXISTING REFRIGERANT, PER GENERAL NOTES.
6. REMOVE HEATING HOT WATER PIPING ROUTED HORIZONTALLY ALONG EXTERIOR WALL SERVING (E)UNIT VENTILATORS, INCLUDING ALL ASSOCIATED FIN RADIATION COVER AND ACCESSORIES.
7. REMOVE REFRIGERATION PIPING FROM EXISTING INDOOR UNIT TO EXISTING OUTDOOR AIR COOLED CONDENSING UNIT, INCLUDING ACCESSORIES.
8. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN AND CAP.
9. REMOVE HEATING HOT WATER PIPING WITHIN FTR COVER ROUTED HORIZONTALLY ALONG EXTERIOR WALL SERVING (E)UV IN RESOURCE 030 AND CAP WITHIN FTR COVER.



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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KING + KING PROJ. NO.: **23-44-7954**

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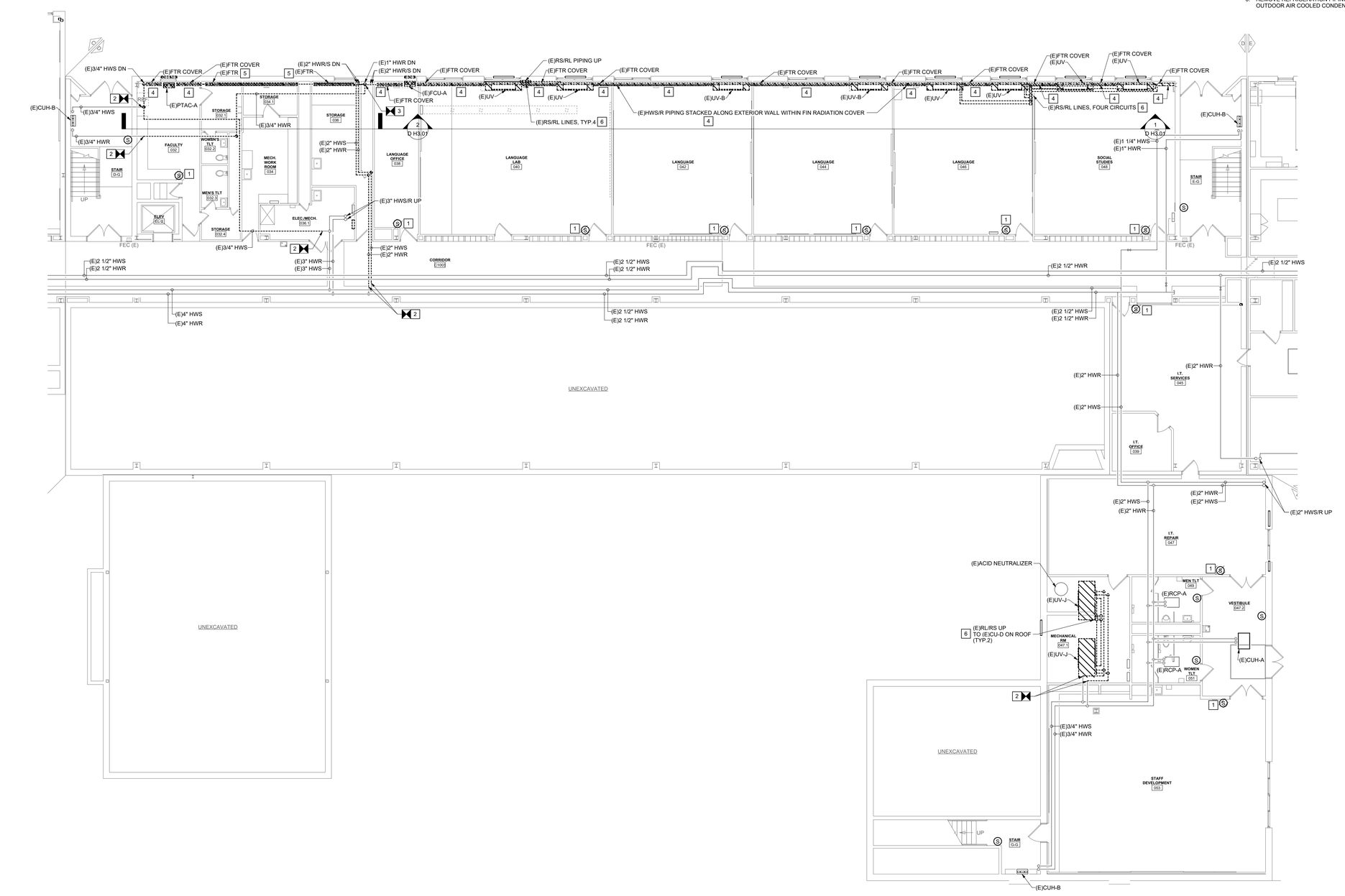
DRAWING TITLE:

GROUND FLOOR PLAN - AREAS C & E - PIPING DEMOLITION

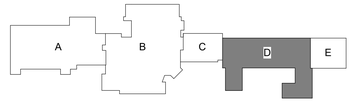
D H0.14

REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN AND CAP. SEE SECTION.
4. REMOVE HEATING HOT WATER PIPING ROUTED HORIZONTALLY ALONG EXTERIOR WALL SERVING (E)UNIT VENTILATORS, INCLUDING ALL ASSOCIATED FIN RADIATION COVER AND ACCESSORIES.
5. REMOVE FIN TUBE RADIATION, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
6. REMOVE REFRIGERATION PIPING FROM EXISTING INDOOR UNIT TO EXISTING OUTDOOR AIR COOLED CONDENSING UNIT, INCLUDING ACCESSORIES.



1 GROUND FLOOR PLAN - AREA D - PIPING DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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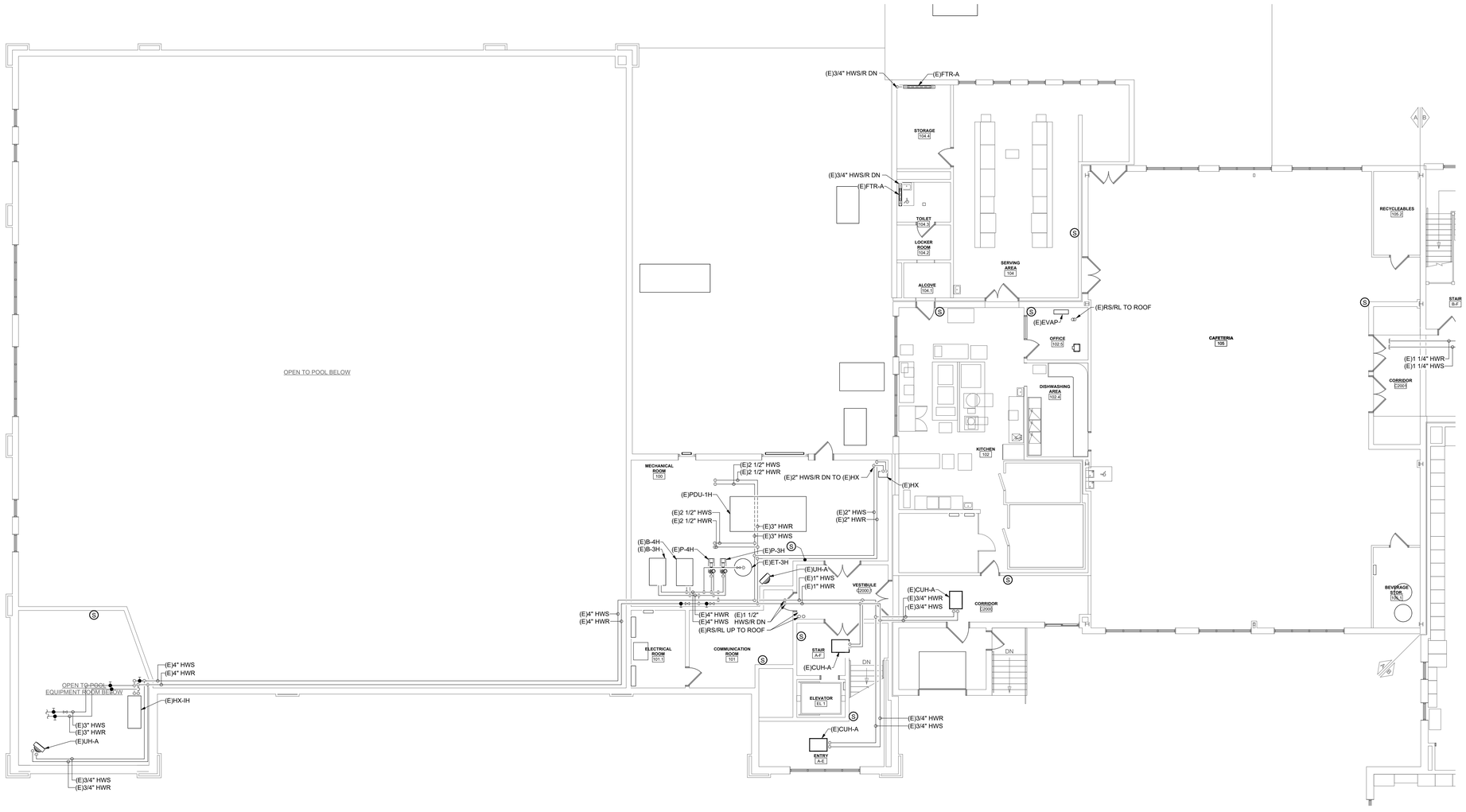
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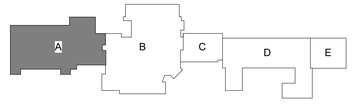
DRAWING TITLE:

GROUND FLOOR PLAN - AREA D - PIPING DEMOLITION

D H0.15



1 FIRST FLOOR PLAN - AREA A - PIPING DEMOLITION - FOR REFERENCE ONLY
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

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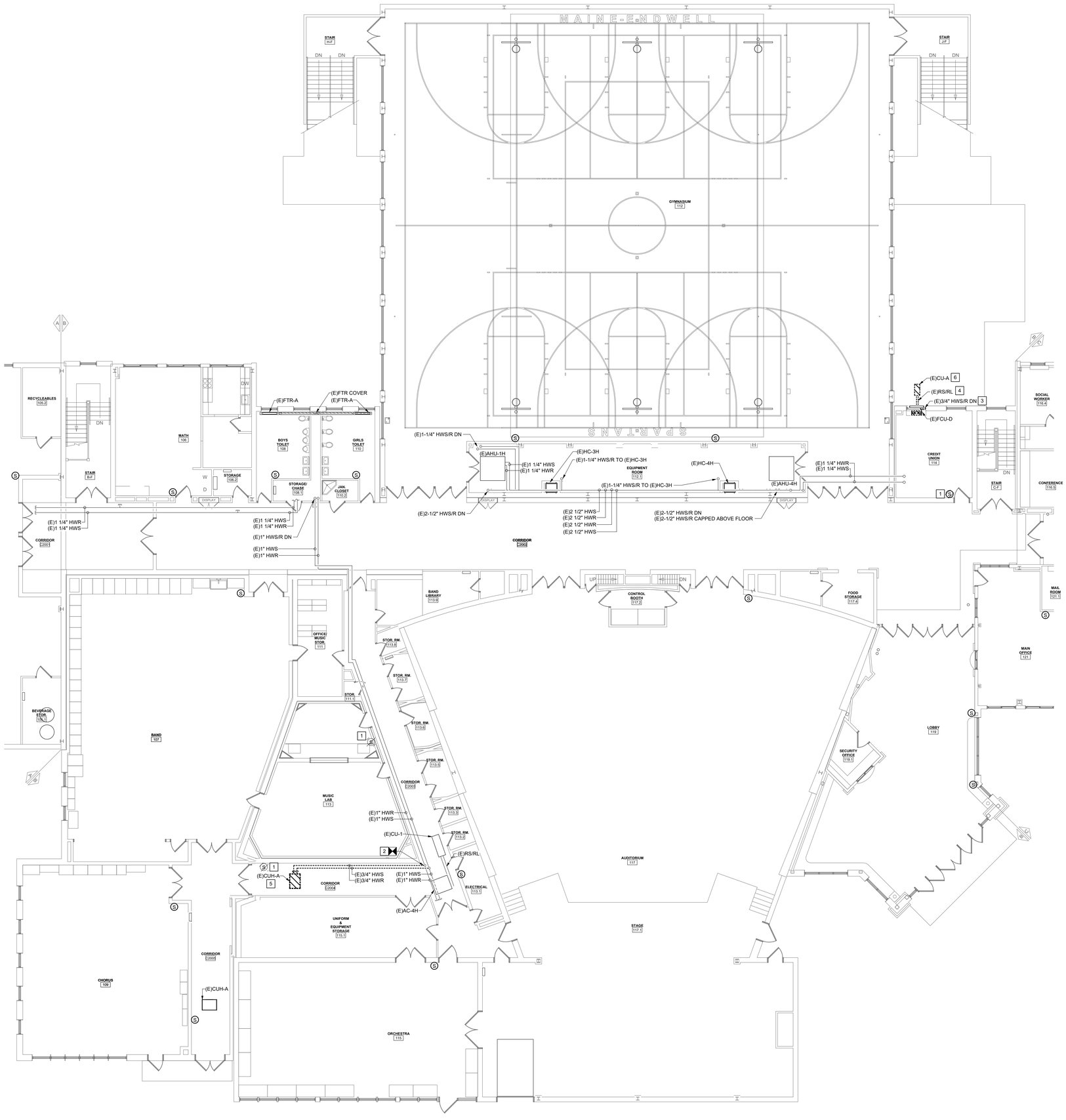
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DRAWING TITLE:

FIRST FLOOR PLAN - AREA A - PIPING DEMOLITION

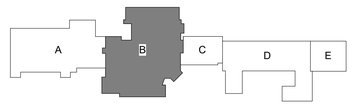
D H0.16



1 FIRST FLOOR PLAN - AREA B - PIPING DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. REMOVE HEATING HOT WATER PIPING DN TO FLOOR BELOW.
4. REMOVE REFRIGERATION PIPING FROM EXISTING INDOOR UNIT TO EXISTING OUTDOOR AIR COOLED CONDENSING UNIT, INCLUDING ACCESSORIES.
5. REMOVE CABINET UNIT HEATER, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.
6. REMOVE AIR COOLED CONDENSING UNIT, INCLUDING TEMPERATURE CONTROLS, EQUIPMENT RAILS, PIPE PORTAL, AND ACCESSORIES. REMOVE REFRIGERANT PIPING DOWN TO SPACE BELOW.



PROJECT NORTH
KEY PLAN

king+king ARCHITECTS

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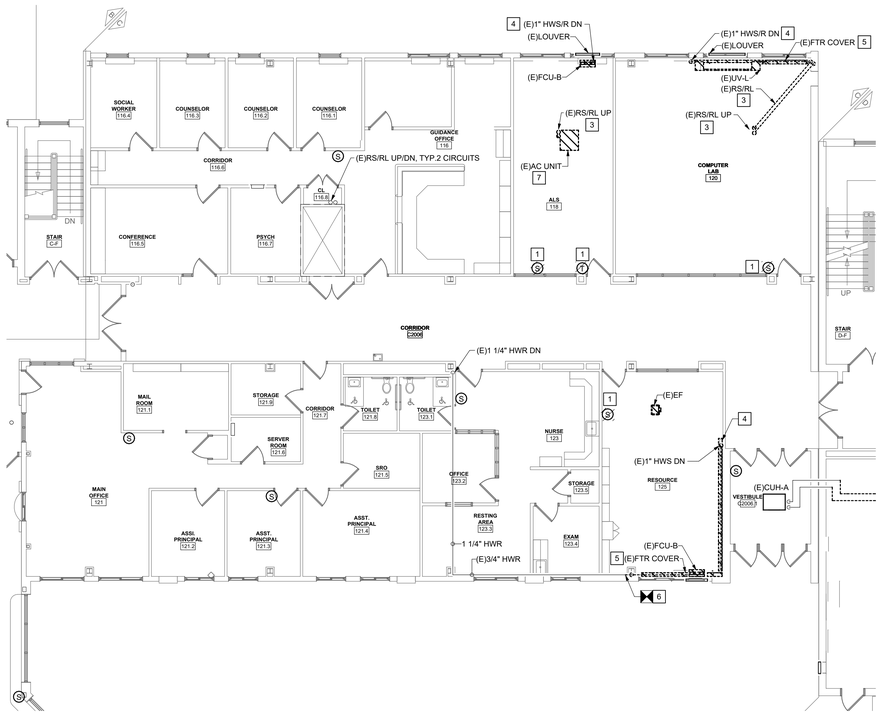
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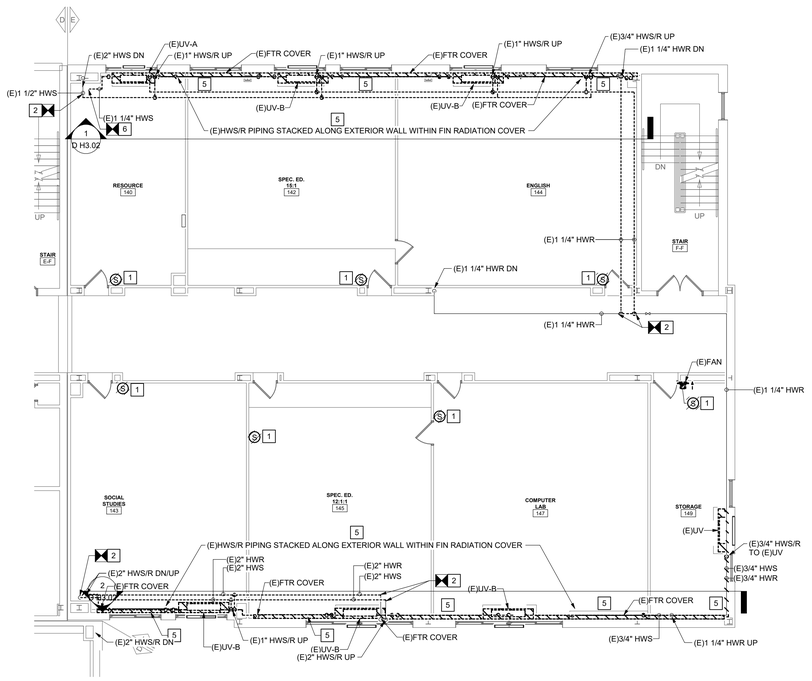
DRAWING TITLE:

FIRST FLOOR PLAN - AREA B - PIPING DEMOLITION

D H0.17



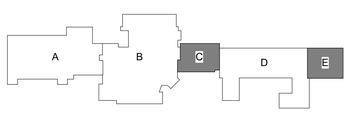
1 FIRST FLOOR PLAN - AREA C - HVAC PIPING DEMOLITION
1/8" = 1'-0"



2 FIRST FLOOR PLAN - AREA E - PIPING DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. REMOVE REFRIGERATION PIPING FROM EXISTING INDOOR UNIT TO EXISTING OUTDOOR AIR COOLED CONDENSING UNIT, INCLUDING ACCESSORIES.
4. REMOVE HEATING HOT WATER PIPING DN TO FLOOR BELOW.
5. REMOVE HEATING HOT WATER PIPING ROUTED HORIZONTALLY ALONG EXTERIOR WALL SERVING (E)UNIT VENTILATORS, INCLUDING ALL ASSOCIATED FIN RADIATION COVER AND ACCESSORIES.
6. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN AND CAP.
7. REMOVE INDOOR CEILING MOUNTED AC UNIT, INCLUDING TEMPERATURE CONTROLS AND ACCESSORIES.



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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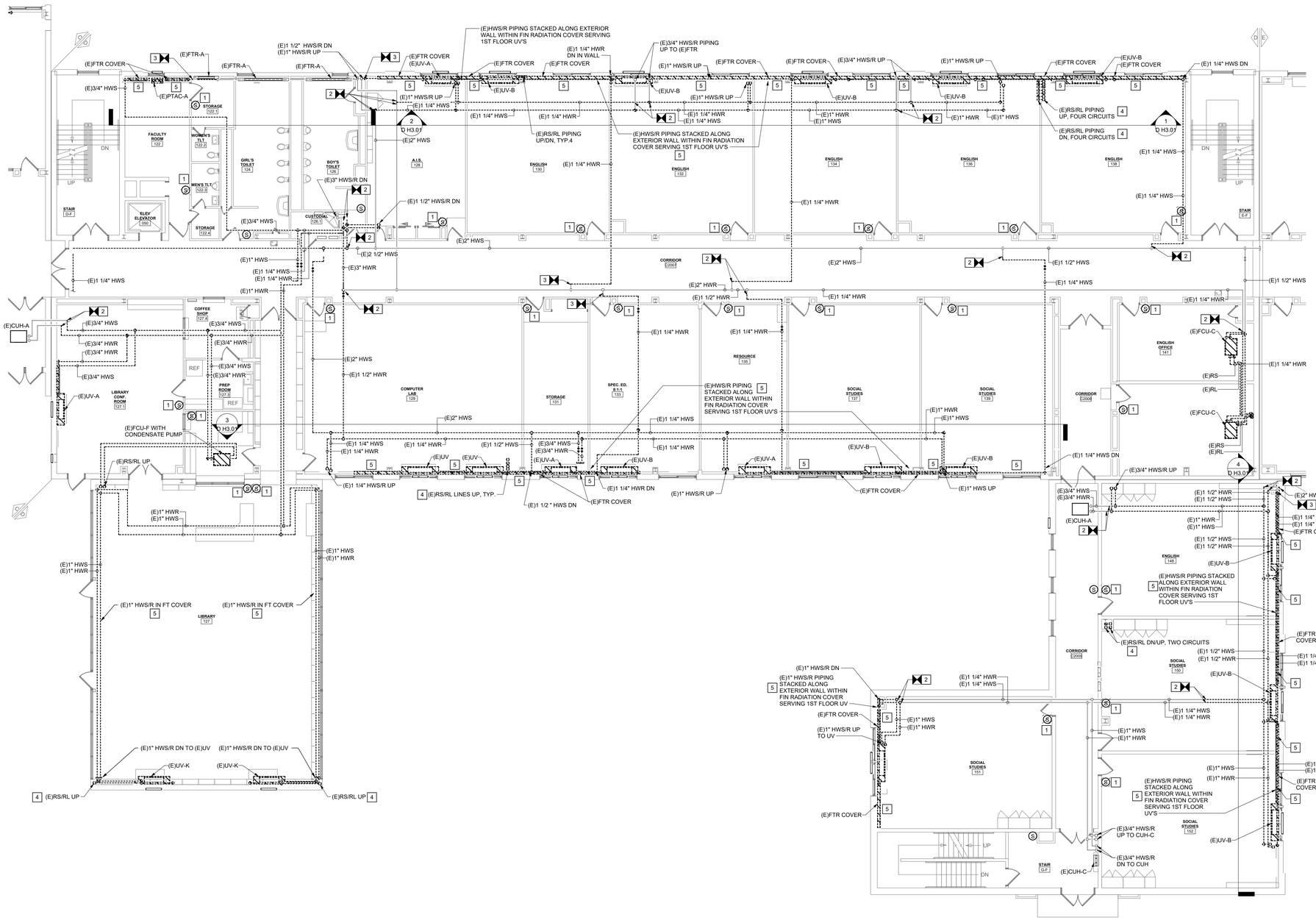
DRAWING TITLE:

FIRST FLOOR PLAN - AREAS C & E - PIPING DEMOLITION

D H0.18

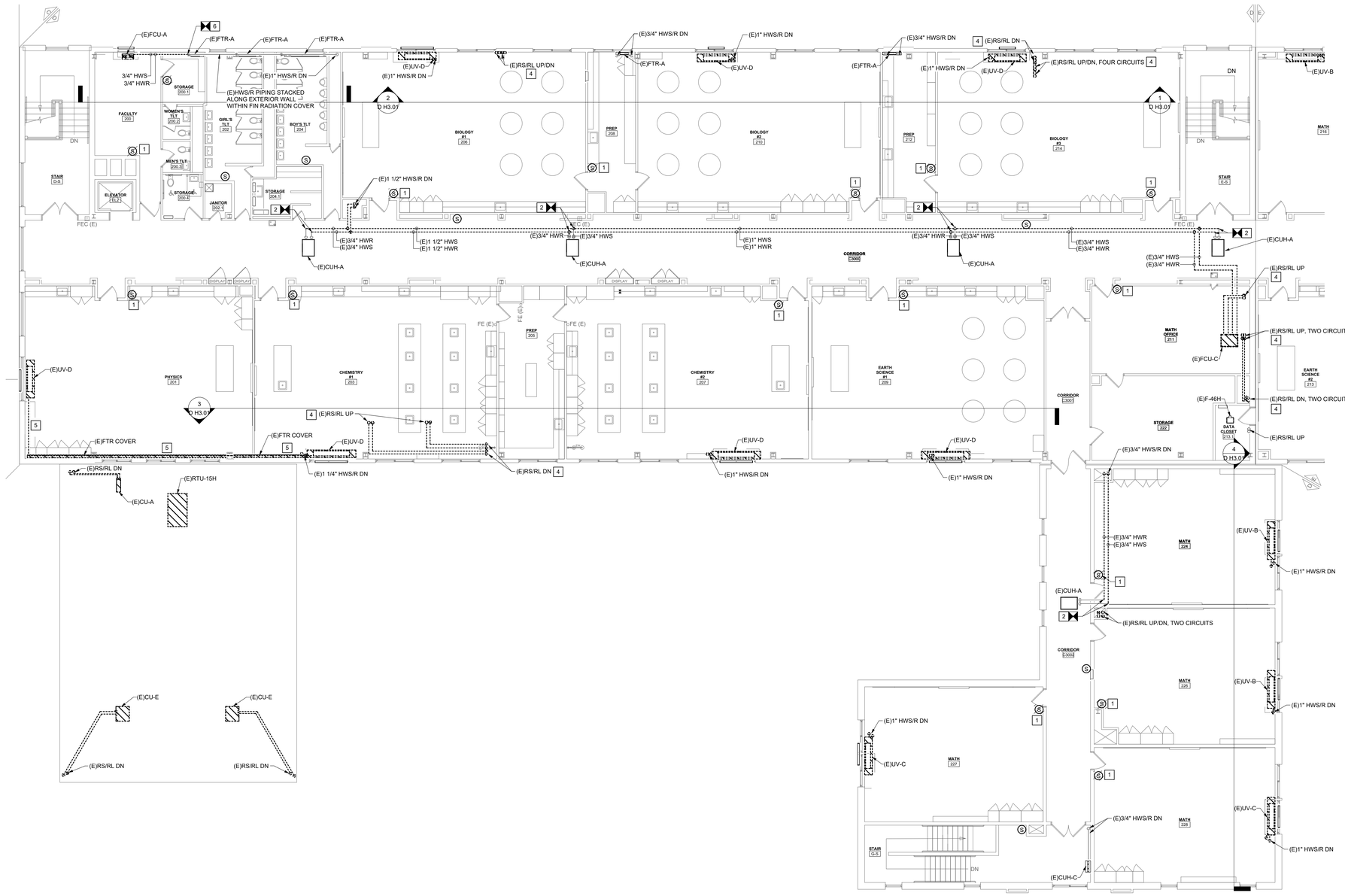
REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN AND CAP.
4. REMOVE REFRIGERATION PIPING FROM EXISTING INDOOR UNIT TO EXISTING OUTDOOR AIR COOLED CONDENSING UNIT, INCLUDING ACCESSORIES.
5. REMOVE HEATING HOT WATER PIPING ROUTED HORIZONTALLY ALONG EXTERIOR WALL SERVING (E)UNIT VENTILATORS, INCLUDING ALL ASSOCIATED FIN RADIATION COVER AND ACCESSORIES.

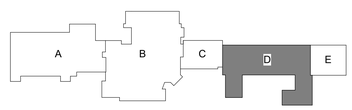

(E)HWS/R PIPING STACKED ALONG EXTERIOR WALL WITHIN FIN RADIATION COVER SERVING 1ST FLOOR UV'S
(E)3/4" HWS/R PIPING UP TO (E)FTR
(E)1 1/2" HWS/R DN
(E)1" HWS/R UP
(E)1 1/4" HWR DN IN WALL
(E)FTR COVER
(E)FTR-A
(E)UV-A
(E)UV-B
(E)UV-K
(E)FTAC-A
(E)3/4" HWS
(E)1" HWS/R UP
(E)1 1/4" HWS
(E)1 1/4" HWR
(E)RS/RL PIPING UP/DN, TYP.4
(E)HWS/R PIPING STACKED ALONG EXTERIOR WALL WITHIN FIN RADIATION COVER SERVING 1ST FLOOR UV'S
(E)RS/RL PIPING UP, FOUR CIRCUITS
(E)RS/RL PIPING DN, FOUR CIRCUITS
(E)1 1/4" HWS DN
(E)3" HWS/R DN
(E)1 1/2" HWS/R DN
(E)2" HWS
(E)2 1/2" HWS
(E)3" HWR
(E)1" HWR
(E)1 1/2" HWR
(E)2" HWR
(E)1 1/2" HWS
(E)1 1/2" HWS/R DN
(E)1 1/2" HWS/R UP
(E)1 1/4" HWR DN
(E)1 1/2 " HWS DN
(E)1" HWS/R DN
(E)1" HWS/R PIPING STACKED ALONG EXTERIOR WALL WITHIN FIN RADIATION COVER SERVING 1ST FLOOR UV
(E)1" HWS/R UP TO UV
(E)1" HWS/R DN TO (E)UV
(E)1" HWS/R IN FT COVER
(E)RS/RL UP
(E)RS/RL LINES UP, TYP.
(E)RS/RL DN/UP, TWO CIRCUITS
(E)HWS/R PIPING STACKED ALONG EXTERIOR WALL WITHIN FIN RADIATION COVER SERVING 1ST FLOOR UV'S
(E)3/4" HWS/R UP
(E)3/4" HWS/R DN
(E)3/4" HWR
(E)3/4" HWS
(E)3/4" HWS/R UP TO CUH-C
(E)3/4" HWS/R DN TO CUH
(E)CUH-A
(E)CUH-C
(E)FCU-F WITH CONDENSATE PUMP
(E)FCU-C
(E)RS
(E)RL
(E)1" HWS
(E)1" HWR
(E)1" HWS/R UP
(E)1" HWS/R DN
(E)1" HWS UP
(E)FTR COVER
(E)UV-B
(E)UV-A
(E)UV
(E)RS/RL PIPING UP, FOUR CIRCUITS
(E)RS/RL PIPING DN, FOUR CIRCUITS
(E)FTR COVER
(E)FTR COVER
(E)FTR COVER

REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. NOT USED.
4. REMOVE REFRIGERATION PIPING FROM EXISTING INDOOR UNIT TO EXISTING OUTDOOR AIR COOLED CONDENSING UNIT, INCLUDING ACCESSORIES.
5. REMOVE HEATING HOT WATER PIPING ROUTED HORIZONTALLY ALONG EXTERIOR WALL SERVING (E)UNIT VENTILATORS, INCLUDING ALL ASSOCIATED FIN RADIATION COVER AND ACCESSORIES.
6. REMOVE HEATING HOT WATER SUPPLY AND RETURN PIPING TO POINT SHOWN AND CAP, INLCUDING REMOVAL OF FIN RADIATION COVER.



1 SECOND FLOOR PLAN - AREA D - PIPING DEMOLITION
1/8" = 1'-0"



PROJECT NORTH
KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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STATE OF NEW YORK
JON C. HELBING
EXP. 06/30/2026
080515
LICENSED PROFESSIONAL ENGINEER

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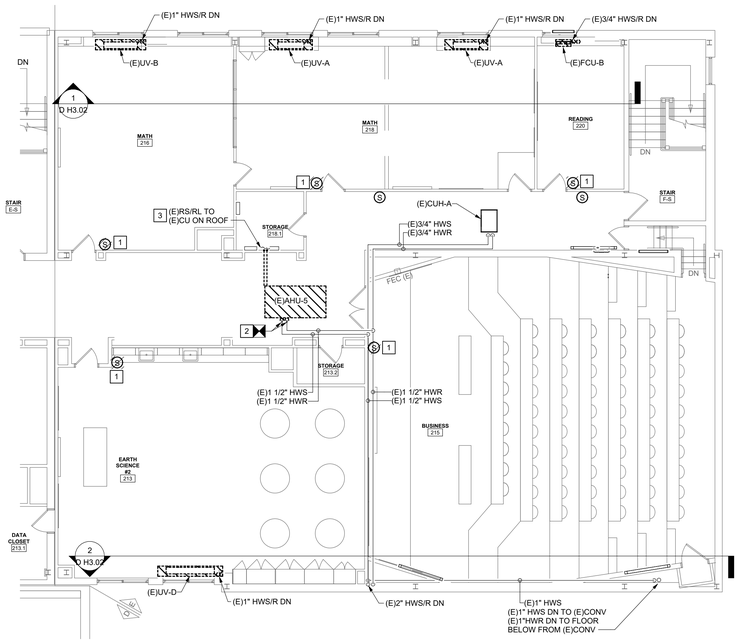
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SECOND FLOOR PLAN - AREA D - PIPING DEMOLITION

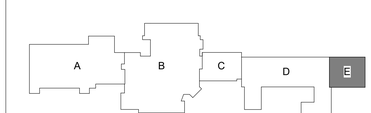
D H0.20

REMOVAL NOTES:

1. REMOVE SPACE SENSOR.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
3. REMOVE REFRIGERATION PIPING FROM EXISTING INDOOR UNIT TO EXISTING OUTDOOR AIR COOLED CONDENSING UNIT, INCLUDING ACCESSORIES.



1 SECOND FLOOR PLAN - AREA E - PIPING DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7954**

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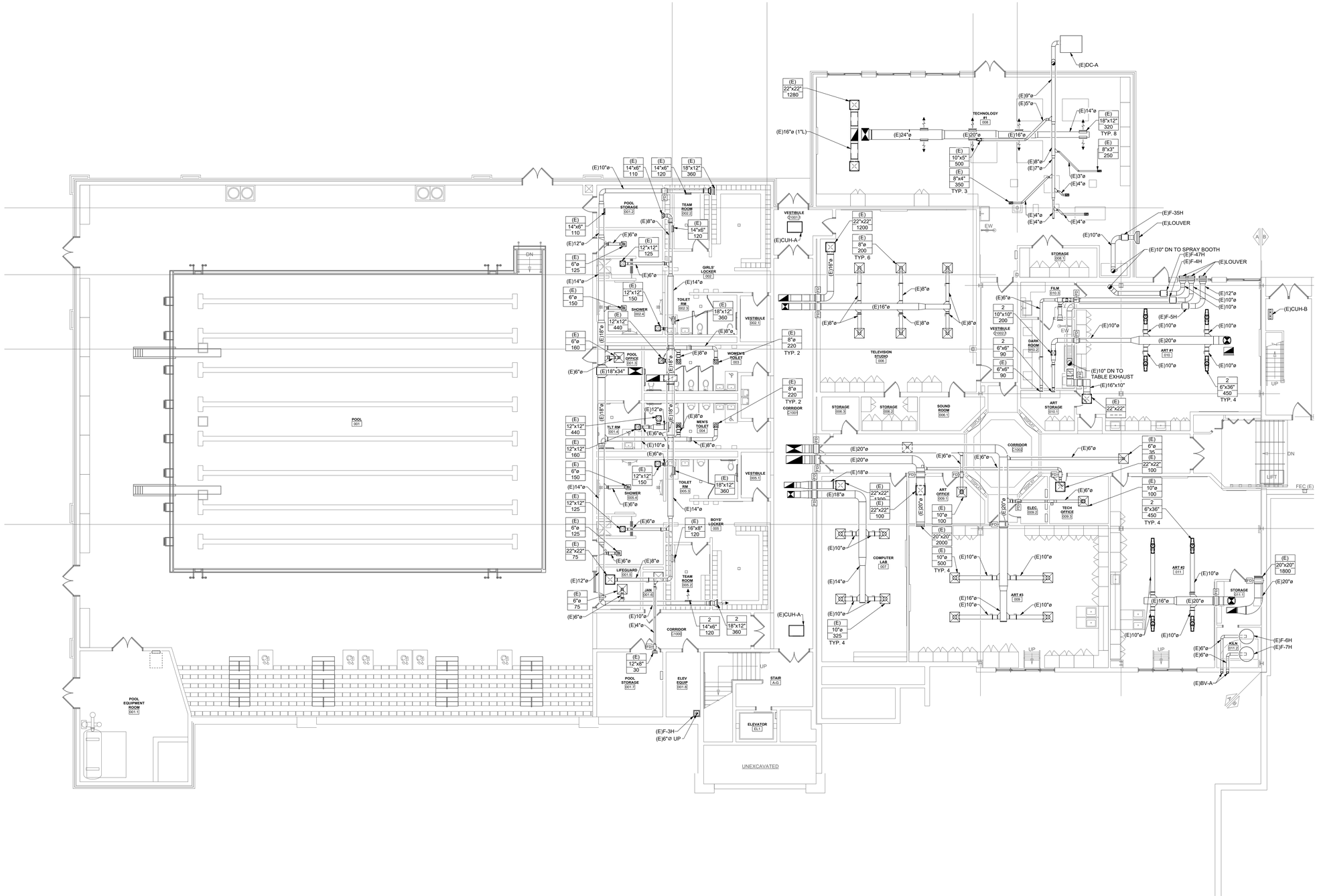
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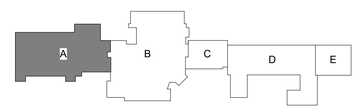
DRAWING TITLE:

SECOND FLOOR PLAN - AREA E - PIPING DEMOLITION

D H0.21



1 GROUND FLOOR PLAN - AREA A - DUCTWORK - FOR REFERENCE ONLY
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

king + king ARCHITECTS

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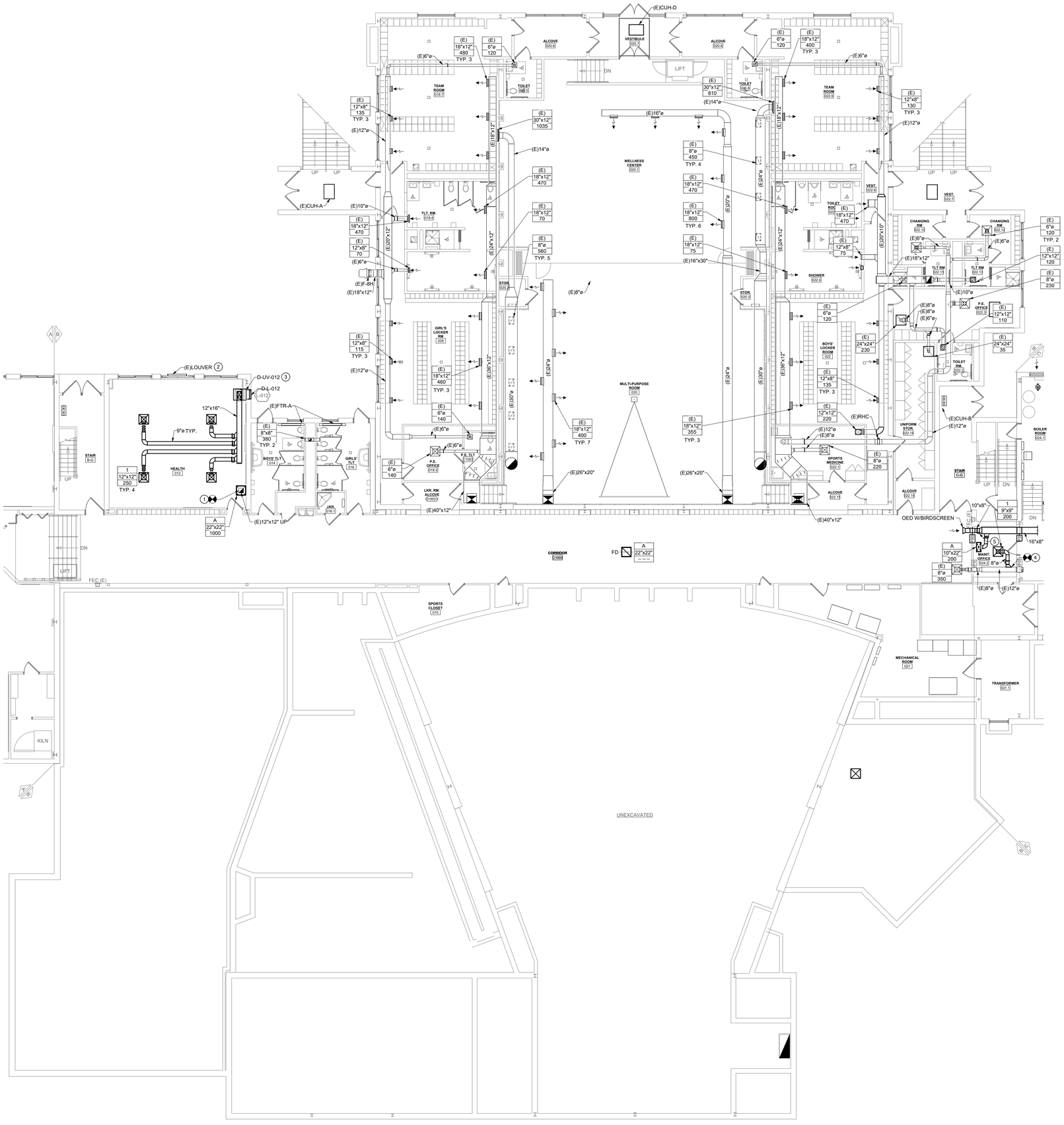
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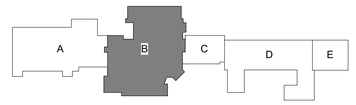
DRAWING TITLE:

GROUND FLOOR PLAN - AREA A - DUCTWORK

D H1.01



1 GROUND FLOOR PLAN - AREA B - DUCTWORK
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

GENERAL SHEET NOTES:

A. ALL EXPOSED DUCTWORK SHALL BE GALVANNEAL AND PAINTED. COLOR SELECTION BY ARCHITECT. PAINTING BY GC. ALL EXPOSED DUCTWORK SHALL UTILIZE AIRCRAFT CABLE TO SUPPORT DUCTWORK.

DRAWING NOTES:

1. PROVIDE 12"ø FLEX CONNECTION TO PLENUM BOX AND RELIEF GRILLE IN LOCATION SHOWN.
2. PROVIDE DOUBLE WALL METAL PANEL WITH MINIMUM R-13 INSULATION AT EXISTING LOUVER OPENING. SEALED WEATHERTIGHT. PAINT EXTERIOR FACING PANEL FLAT BLACK.
3. PROVIDE UNIT VENTILATOR IN LOCATION SHOWN.
4. PROVIDE CONNECTION TO EXISTING DUCTWORK IN LOCATION SHOWN.
5. BALANCE TO 350 CFM.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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STATE OF NEW YORK
JON C. HELBERG
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EXP. 06/30/2026
09/05/15

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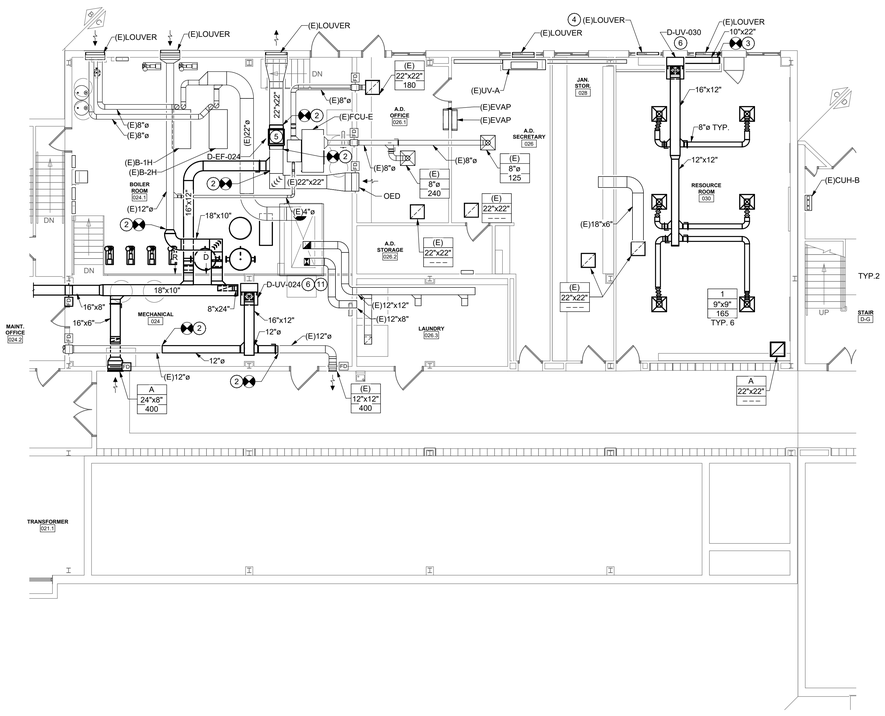
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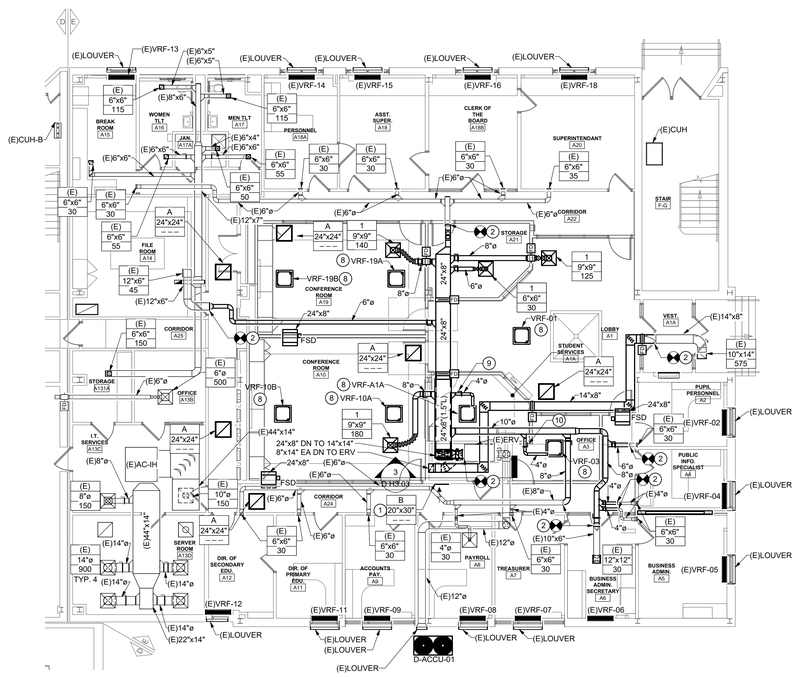
DRAWING TITLE:

GROUND FLOOR PLAN - AREA B - DUCTWORK

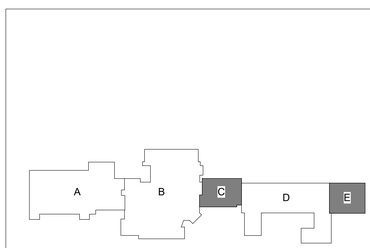
D H1.02



1 GROUND FLOOR PLAN - AREA C - DUCTWORK
1/8" = 1'-0"



3 GROUND FLOOR PLAN - AREA E - DUCTWORK
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

GENERAL NOTES:

A. ALL CLASSROOM DUCTWORK SHALL BE ROUTED WITHIN JOIST WEBBING AND SPACING, UNLESS OTHERWISE NOTED.

B. ALL EXPOSED DUCTWORK SHALL BE GALVANNEAL AND PAINTED. COLOR SELECTION BY ARCHITECT. PAINTING BY GC. ALL EXPOSED DUCTWORK SHALL UTILIZE AIRCRAFT CABLE TO SUPPORT DUCTWORK.

DRAWING NOTES:

1. PROVIDE REPLACEMENT TRANSFER GRILLE.
2. PROVIDE CONNECTION TO EXISTING DUCTWORK IN LOCATION SHOWN.
3. PROVIDE CLEANING OF EXISTING TO BE RE-USED LOUVER AND WALL SLEEVE. PROVIDE CONNECTION FROM EXISTING WALL SLEEVE TO OA DUCTWORK.
4. PROVIDE DOUBLE WALL METAL PANEL WITH MINIMUM R-13 INSULATION AT EXISTING LOUVER OPENING. SEALED WEATHERTIGHT. PAINT EXTERIOR FACING PANEL FLAT BLACK.
5. PROVIDE EXHAUST FAN IN LOCATION SHOWN.
6. PROVIDE UNIT VENTILATOR IN LOCATION SHOWN.
7. PROVIDE BALANCING RGD TO NEW AIRFLOW VALUE.
8. PROVIDE VRF INDOOR UNIT IN LOCATION SHOWN.
9. BALANCE TO 20 CFM.
10. BALANCE TO 30 CFM.
11. REBALANCE ALL EXISTING RGD'S ASSOCIATED WITH UNIT TO SCHEDULED AIRFLOWS.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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STATE OF NEW YORK — JOHN C. HELBERG — LICENSED PROFESSIONAL ENGINEER — EXP. 06/30/2026 — 080515

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GROUND FLOOR PLAN - AREAS C & E - DUCTWORK

D H1.03

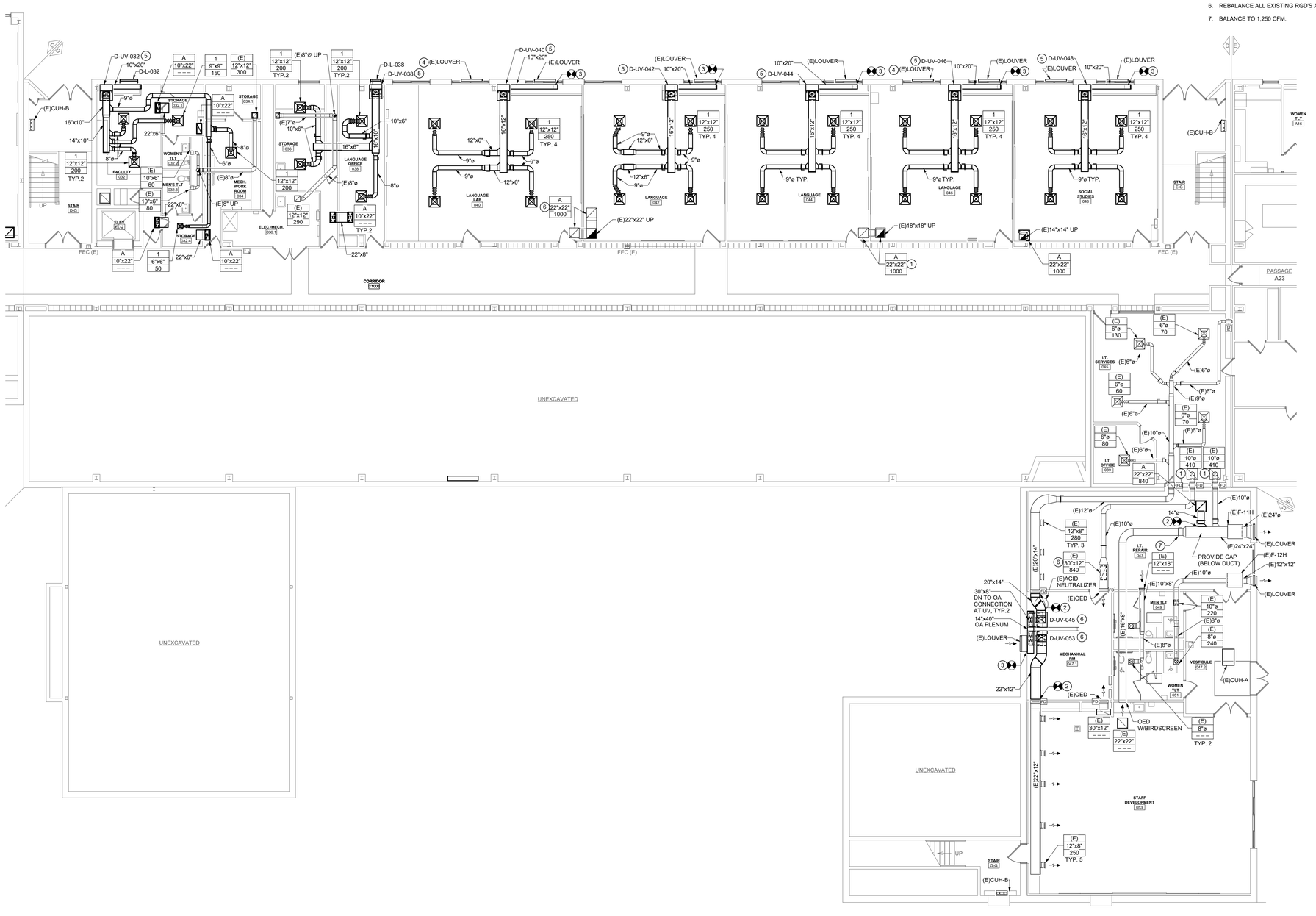
GENERAL NOTES:

A. ALL CLASSROOM DUCTWORK SHALL BE ROUTED WITHIN JOIST WEBBING AND SPACING, UNLESS OTHERWISE NOTED.

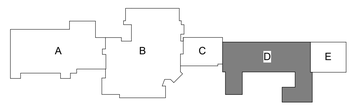
B. ALL EXPOSED DUCTWORK SHALL BE GALVANNEAL AND PAINTED. COLOR SELECTION BY ARCHITECT. PAINTING BY GC. ALL EXPOSED DUCTWORK SHALL UTILIZE AIRCRAFT CABLE TO SUPPORT DUCTWORK.

DRAWING NOTES:

1. PROVIDE BALANCING RGD TO NEW AIRFLOW VALUE.
2. PROVIDE CONNECTION TO EXISTING DUCTWORK IN LOCATION SHOWN.
3. PROVIDE CLEANING OF EXISTING TO BE RE-USED LOUVER AND WALL SLEEVE. PROVIDE CONNECTION FROM EXISTING WALL SLEEVE TO OA DUCTWORK.
4. PROVIDE DOUBLE WALL METAL PANEL WITH MINIMUM R-13 INSULATION AT EXISTING LOUVER OPENING. SEALED WEATHERTIGHT. PAINT EXTERIOR FACING PANEL FLAT BLACK.
5. PROVIDE UNIT VENTILATOR IN LOCATION SHOWN.
6. REBALANCE ALL EXISTING RGD'S ASSOCIATED WITH UNIT TO SCHEDULED AIRFLOWS.
7. BALANCE TO 1,250 CFM.



1 GROUND FLOOR PLAN - AREA D - DUCTWORK
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

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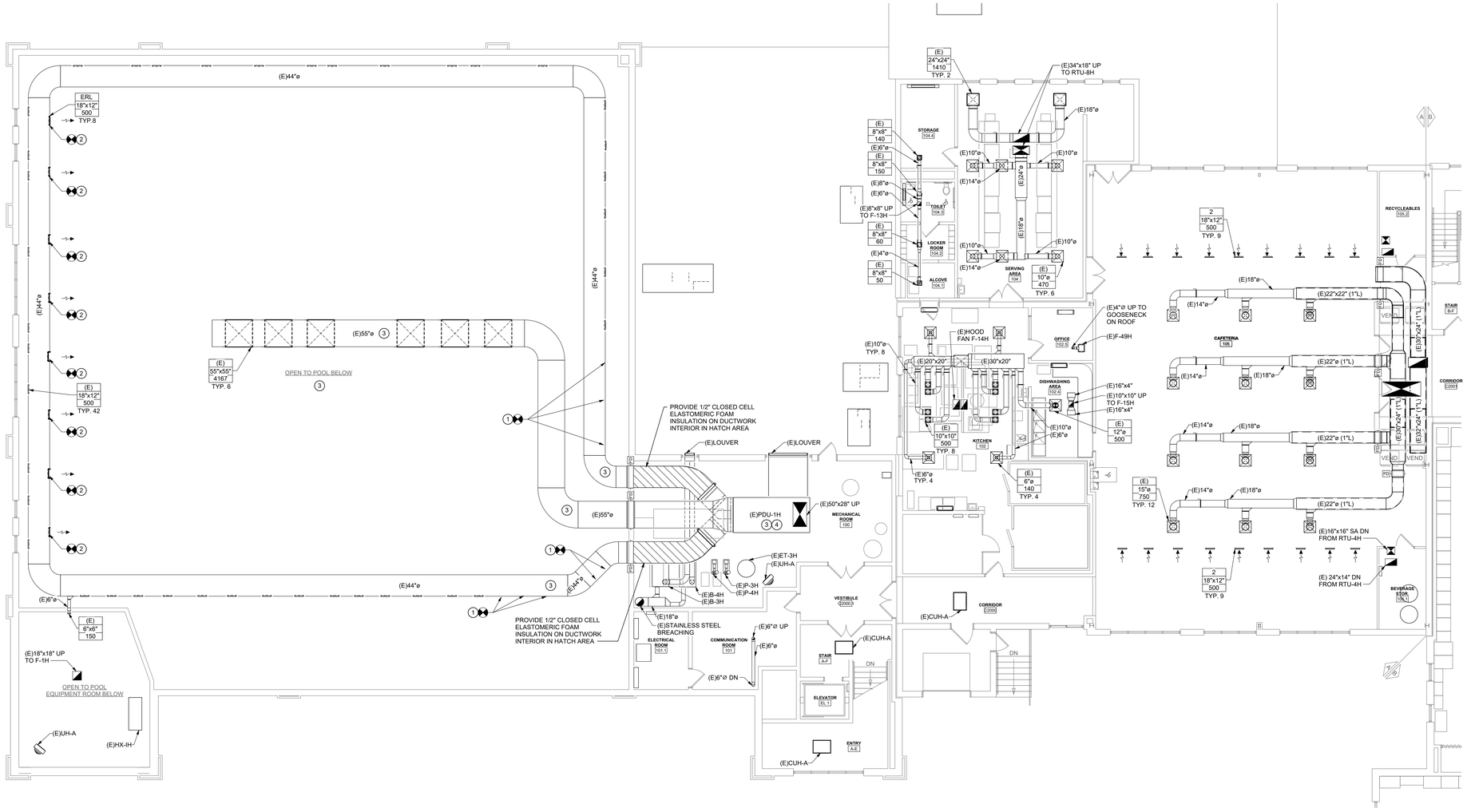
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GROUND FLOOR PLAN - AREA D - DUCTWORK

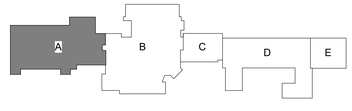
D H1.04

DRAWING NOTES:

1. PROVIDE DUCTWORK CAP AT LOCATION SHOWN.
2. PROVIDE INSTALLATION OF SALVAGED SUPPLY GRILLE IN DUCTWORK AT LOCATION SHOWN.
3. PROVIDE CLEANING OF ENTIRE AIR HANDLING SYSTEM, INCLUDING RETURN AIR, SUPPLY AND, OUTSIDE AIR, RELIEF AIR, AND ALL ASSOCIATED RGD'S.
4. RE-BALANCE UNIT AFTER CLEANING, INSTALLATION OF SAVLAGED SUPPLY GRILLES, AND INSTALLATION OF FOAM INSULATION



1 FIRST FLOOR PLAN - AREA A - DUCTWORK
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

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JON C. HELBERG
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LICENSED PROFESSIONAL ENGINEER

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SCALE: **AS NOTED**

DRAWING TITLE:

FIRST FLOOR PLAN - AREA A - DUCTWORK

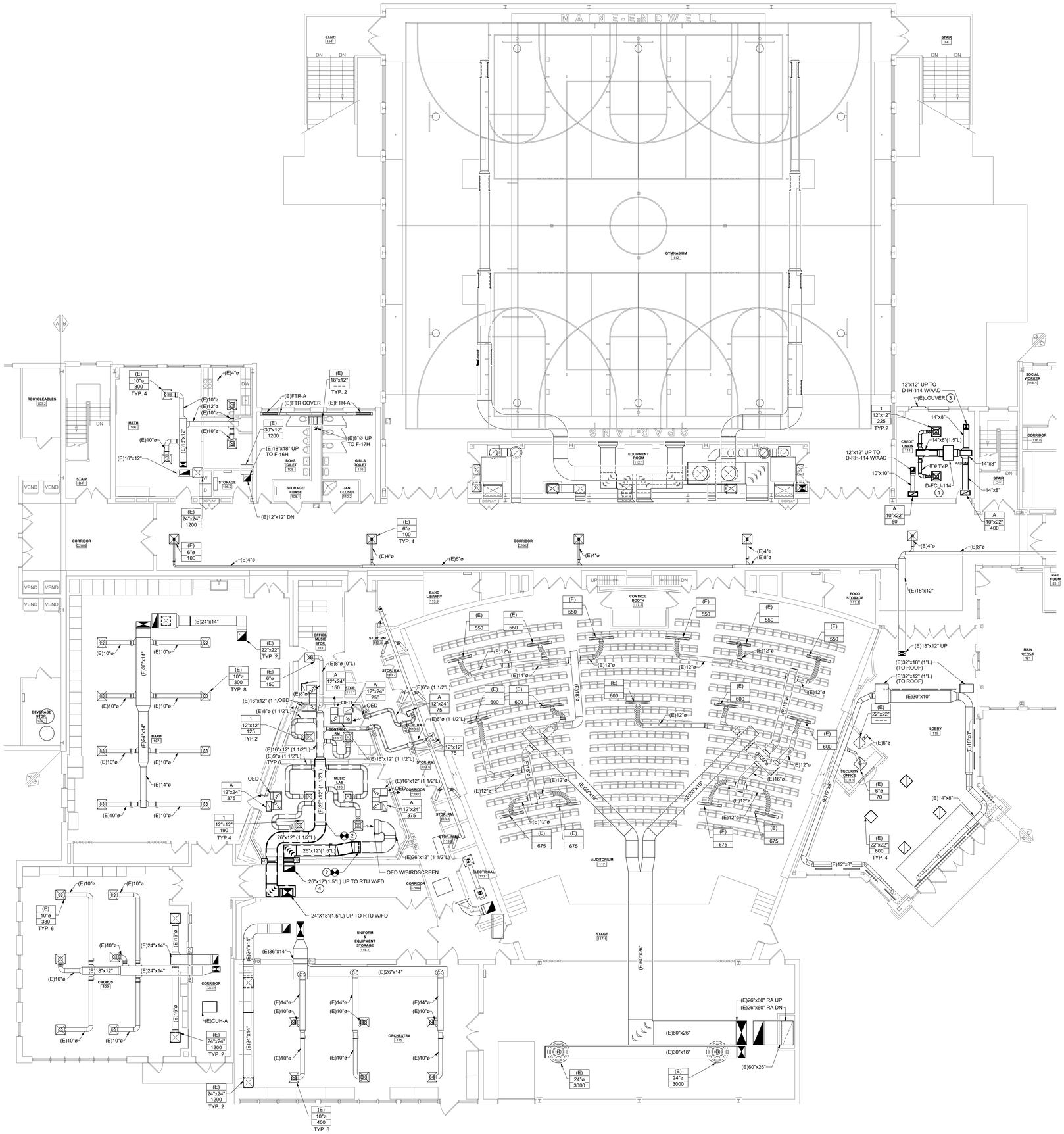
D H1.05

GENERAL NOTES:

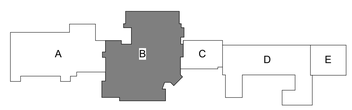
A. ALL CLASSROOM DUCTWORK SHALL BE ROUTED WITHIN JOIST WEBBING AND SPACING, UNLESS OTHERWISE NOTED.

DRAWING NOTES:

1. PROVIDE FAN COIL UNIT IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING DUCTWORK IN LOCATION SHOWN.
3. PROVIDE DOUBLE WALL METAL PANEL WITH MINIMUM R-13 INSULATION AT EXISTING LOUVER OPENING. SEALED WEATHERTIGHT. PAINT EXTERIOR FACING PANEL FLAT BLACK.
4. REBALANCE ALL UNIT RGD'S AFTER INSTALLATION OF NEW UNIT.



1 FIRST FLOOR PLAN - AREA B - DUCTWORK
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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JOHN C. HELBERG
EXP. 06/30/2026
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LICENSED PROFESSIONAL ENGINEER

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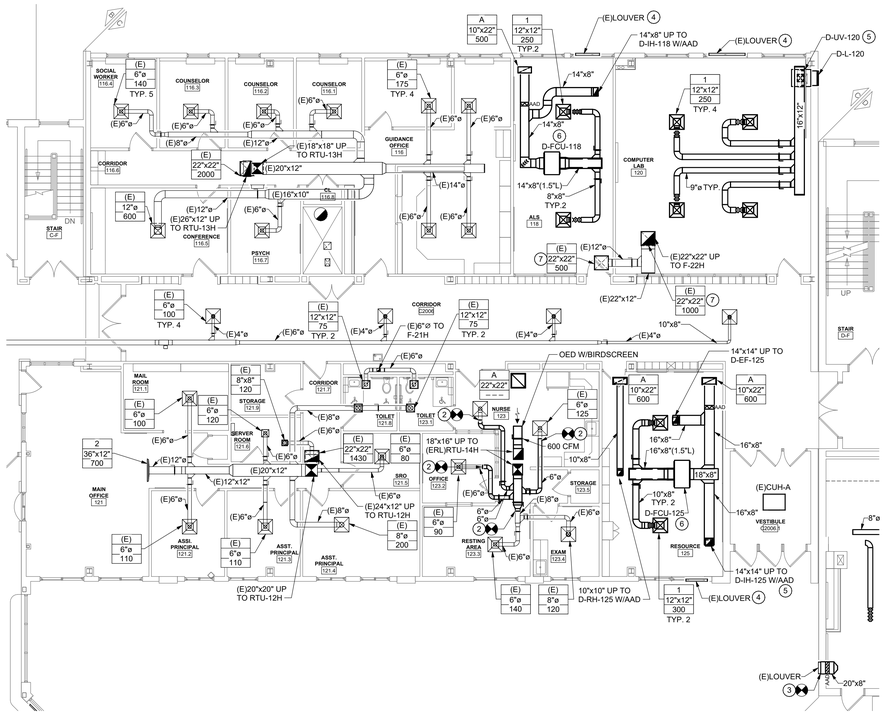
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SCALE: **AS NOTED**

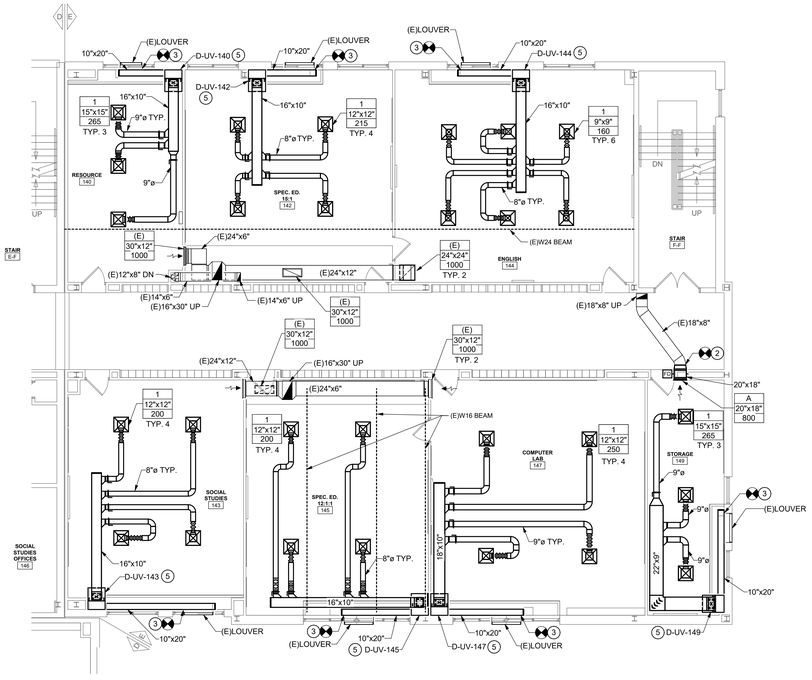
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FIRST FLOOR PLAN - AREA B - DUCTWORK

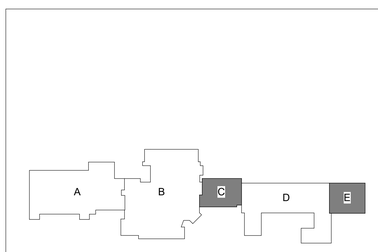
D H1.06



1 FIRST FLOOR PLAN - AREA C - DUCTWORK
1/8" = 1'-0"



2 FIRST FLOOR PLAN - AREA E - DUCTWORK
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

GENERAL NOTES:

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DRAWING NOTES:

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5. PROVIDE UNIT VENTILATOR IN LOCATION SHOWN.
6. PROVIDE FAN COIL UNIT IN LOCATION SHOWN.
7. PROVIDE BALANCING RGD TO NEW AIRFLOW VALUE.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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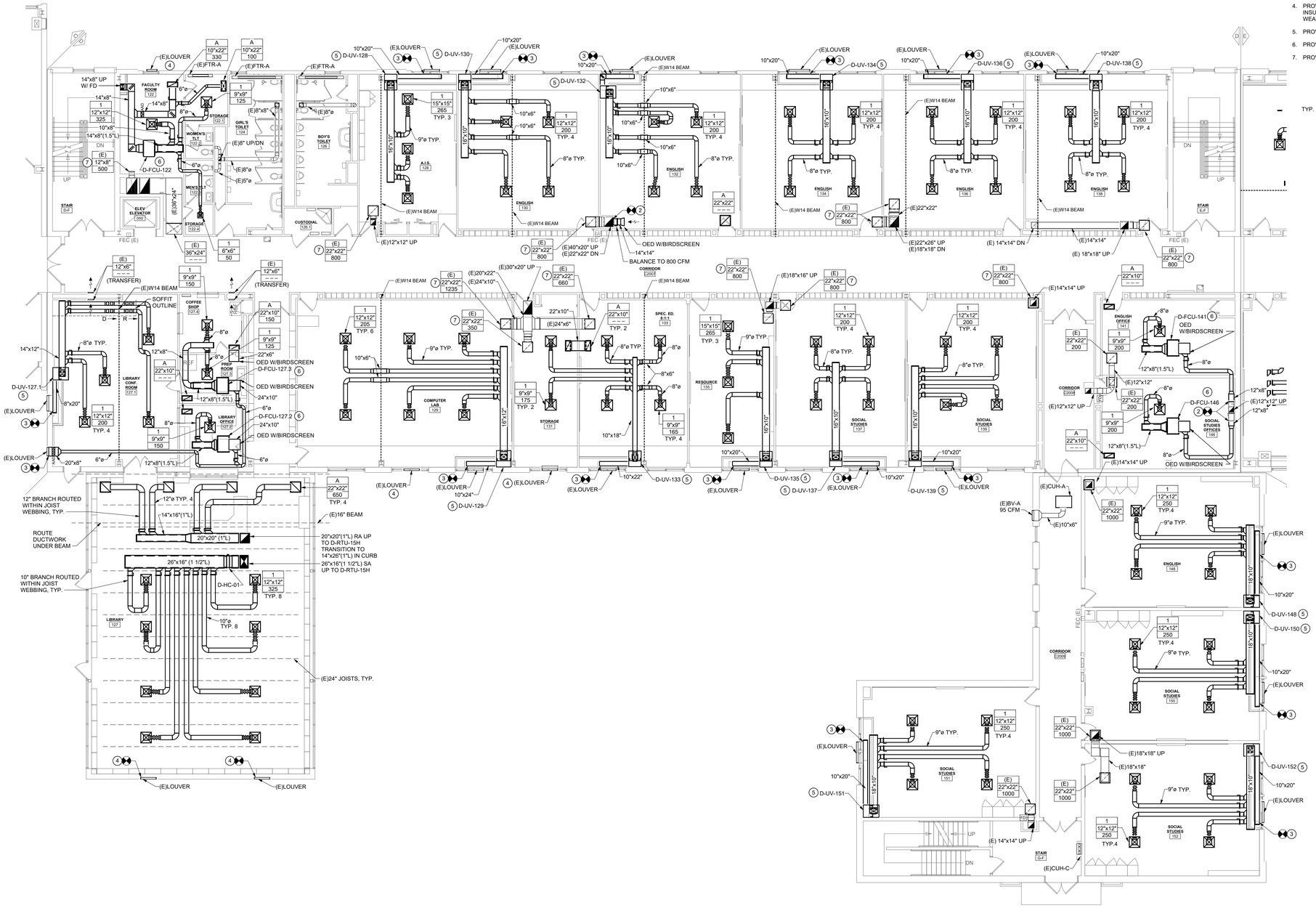
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

FIRST FLOOR PLAN - AREAS C & E - DUCTWORK

D H1.07



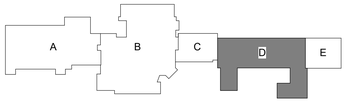
1 FIRST FLOOR PLAN - AREA D - DUCTWORK
1/8" = 1'-0"

GENERAL NOTES:

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DRAWING NOTES:

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5. PROVIDE UNIT VENTILATOR IN LOCATION SHOWN.
6. PROVIDE FAN COIL UNIT IN LOCATION SHOWN.
7. PROVIDE BALANCING RGD TO NEW AIRFLOW VALUE.



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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SCALE: **AS NOTED**

DRAWING TITLE:

FIRST FLOOR PLAN - AREA D - DUCTWORK

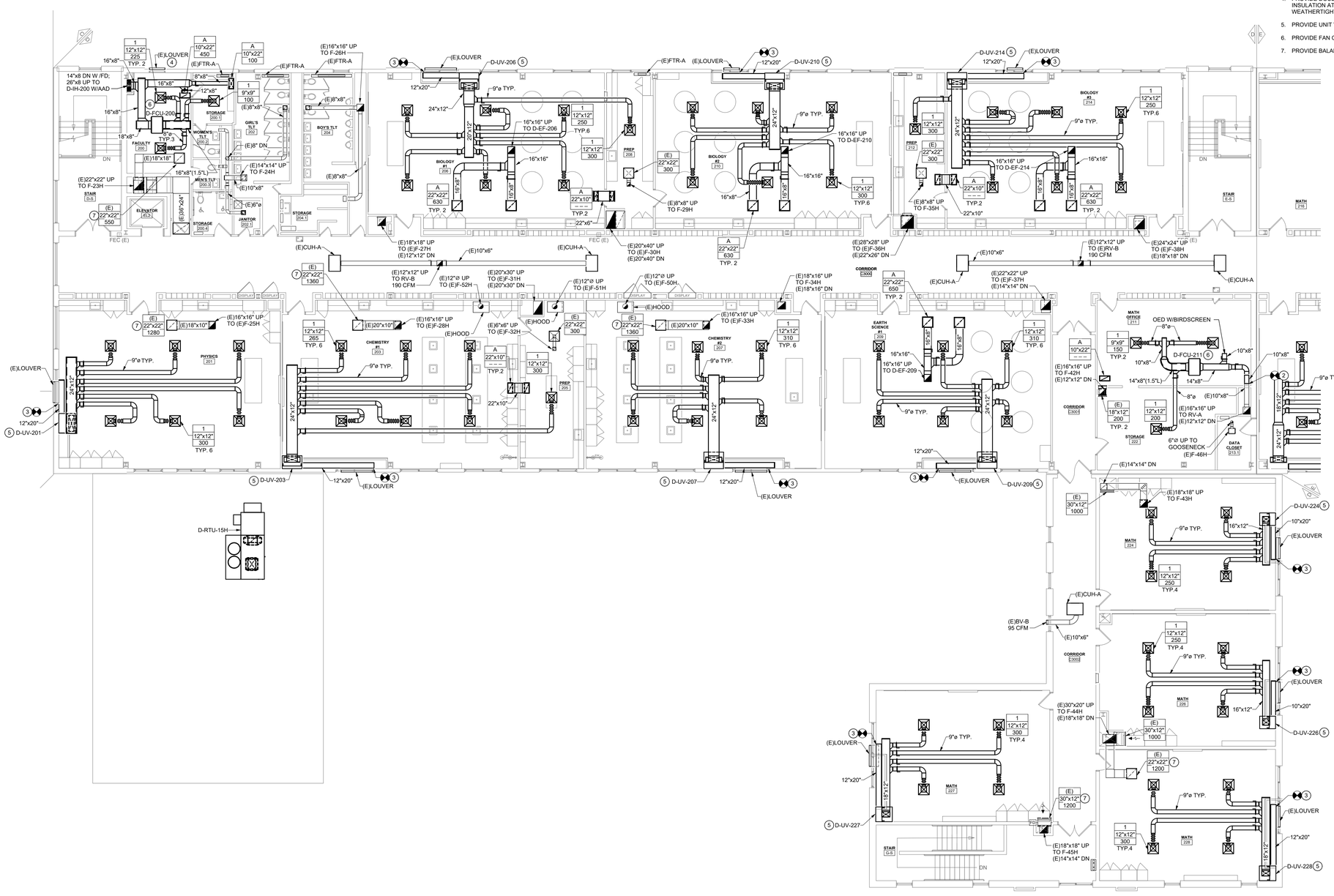
D H1.08

GENERAL NOTES:

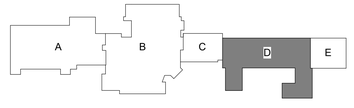
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6. PROVIDE FAN COIL UNIT IN LOCATION SHOWN.
7. PROVIDE BALANCING RGD TO NEW AIRFLOW VALUE.



1 SECOND FLOOR PLAN - AREA D - DUCTWORK
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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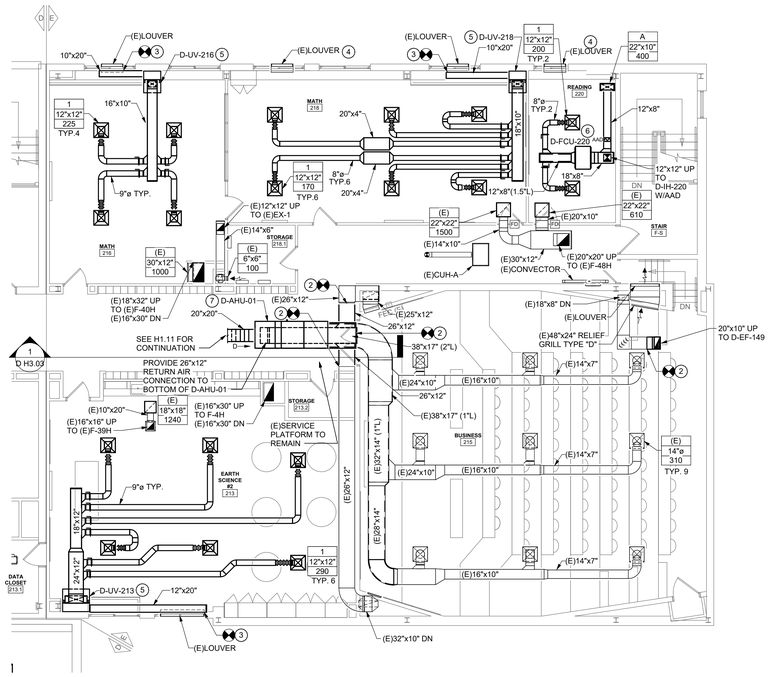
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

SECOND FLOOR PLAN - AREA D - DUCTWORK

D H1.09



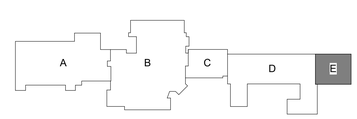
1 SECOND FLOOR PLAN - AREA E - DUCTWORK
1/8" = 1'-0"

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5. PROVIDE UNIT VENTILATOR IN LOCATION SHOWN.
6. PROVIDE FAN COIL UNIT IN LOCATION SHOWN.
7. PROVIDE AIR HANDLING UNIT IN LOCATION SHOWN. REBALANCE UNIT AND ALL ASSOCIATED RGD'S.



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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ENDWELL, NY 13760

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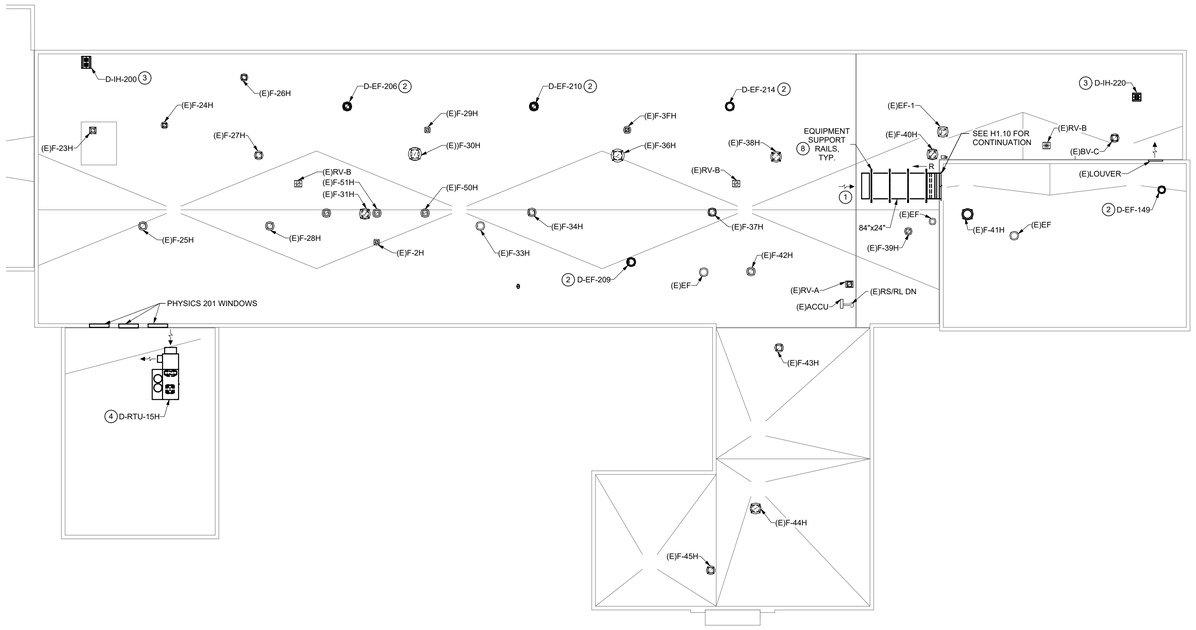
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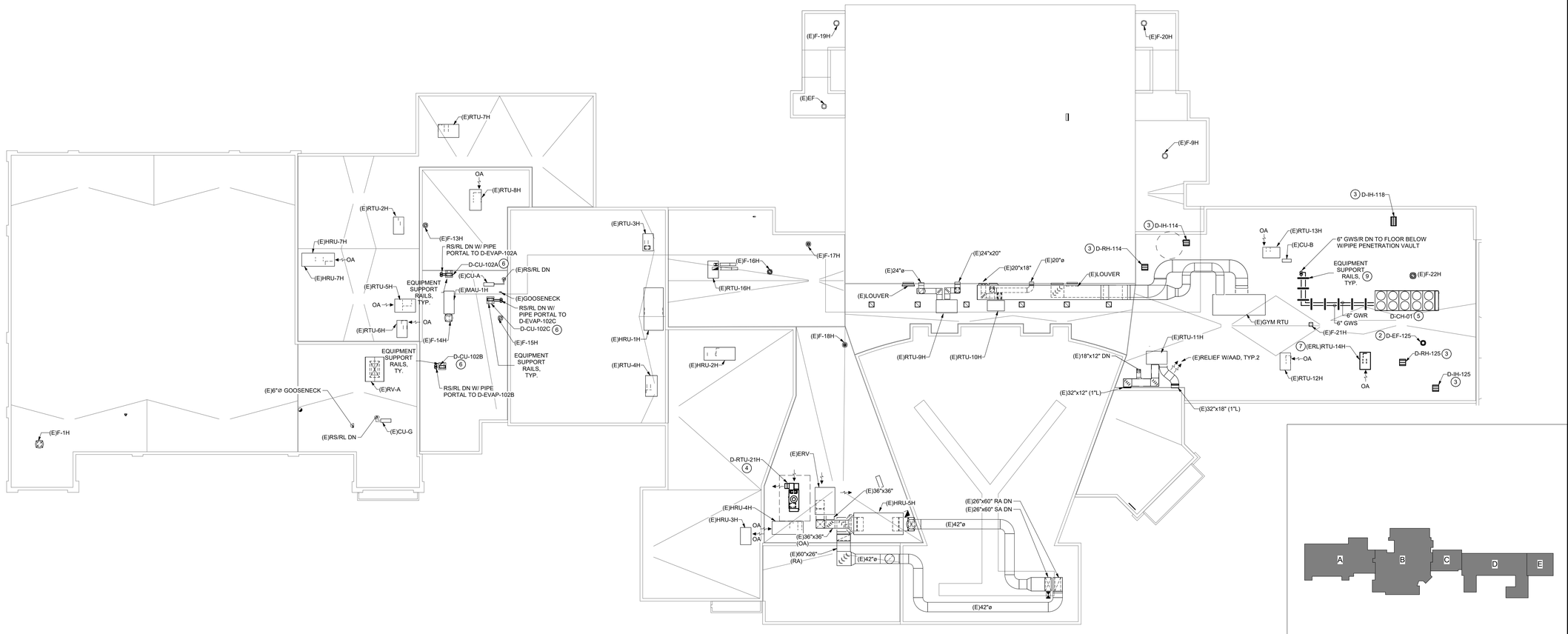
DRAWING TITLE:

SECOND FLOOR PLAN - AREA E - DUCTWORK

D H1.10



1 ROOF PLAN - AREA D & E - HVAC
1/16" = 1'-0"



2 ROOF PLAN - AREA A, B & C - HVAC
1/16" = 1'-0"

DRAWING NOTES:

1. TERMINATE OUTSIDE AIR INTAKE WITH 45 DEGREE HOOD AND 1/2"x1/2" BIRDSCREEN.
2. PROVIDE EXHAUST FAN IN LOCATION SHOWN.
3. PROVIDE INTAKE/RELIEF HOOD IN LOCATION SHOWN.
4. PROVIDE ROOFTOP AIR HANDLING UNIT IN LOCATION SHOWN.
5. PROVIDE CHILLER IN LOCATION SHOWN. COORDINATE WITH STRUCTURAL FOR UNIT SUPPORT.
6. PROVIDE AIR COOLED CONDENSING UNIT IN LOCATION SHOWN. PROVIDE WITH EQUIPMENT SUPPORT RAILS.
7. PROVIDE REINSTALLATION OF SALVAGED ROOFTOP UNIT. PROVIDE REPLACEMENT ROOF CURB. PROVIDE BALANCING OF UNIT. RECONNECT ALL TEMPERATURE CONTROLS. UNIT SHALL BE BALANCED TO 135 CFM OUTSIDE AIR AND 600 CFM SUPPLY AIR. PROVIDE CLEANING OF ROOFTOP UNIT INTERIOR AND ALL EXISTING TO REMAIN DUCTWORK AND DIFFUSERS.
8. PROVIDE DUCTWORK WITH EQUIPMENT SUPPORT RAILS. MAXIMUM SPACING 5'-0".
9. PROVIDE PIPING WITH EQUIPMENT SUPPORT RAILS. MAXIMUM SPACING 5'-0".

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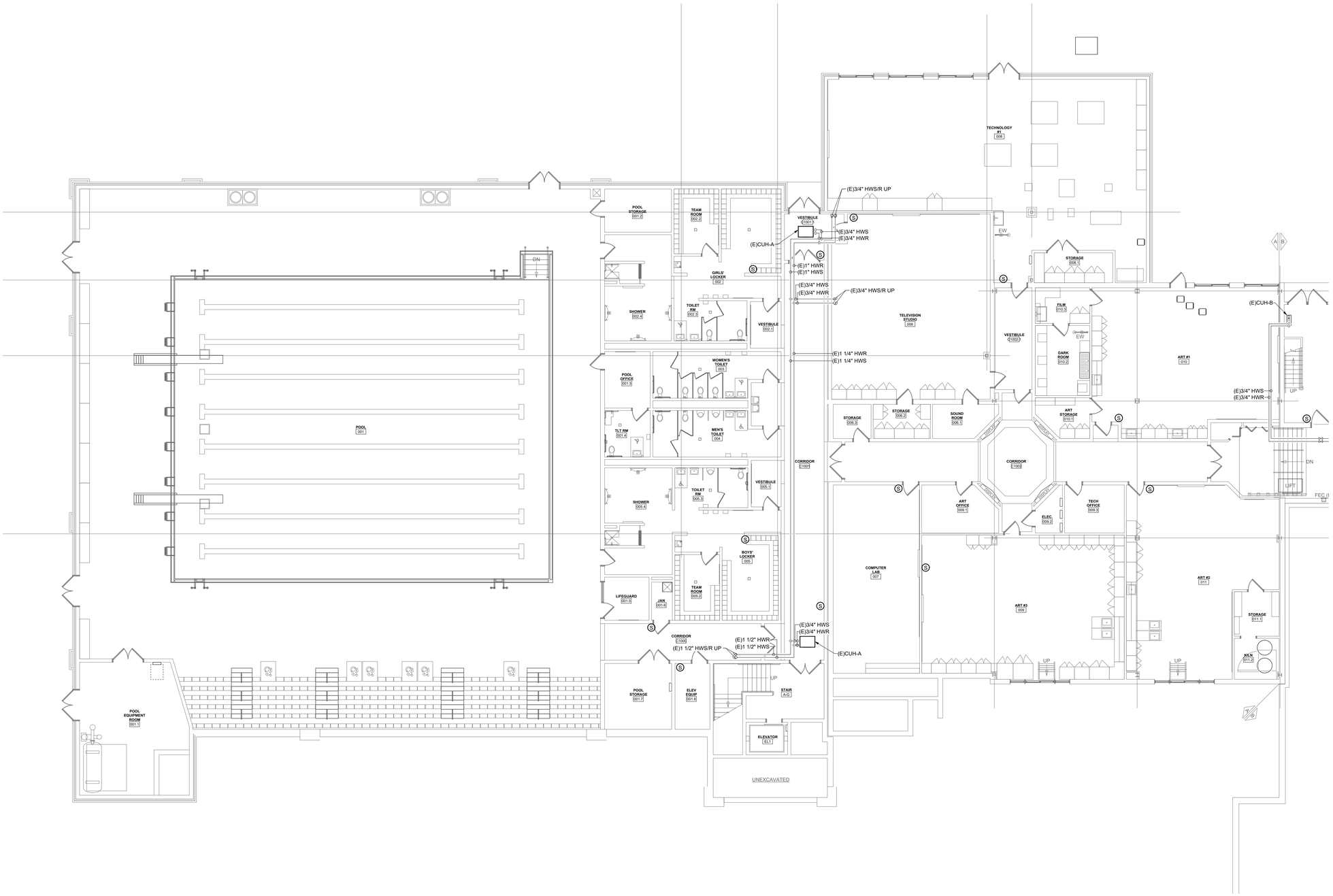
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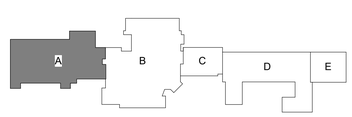
DRAWING TITLE:

ROOF PLAN - HVAC

D H1.11



1 GROUND FLOOR PLAN - AREA A - PIPING - FOR REFERENCE ONLY
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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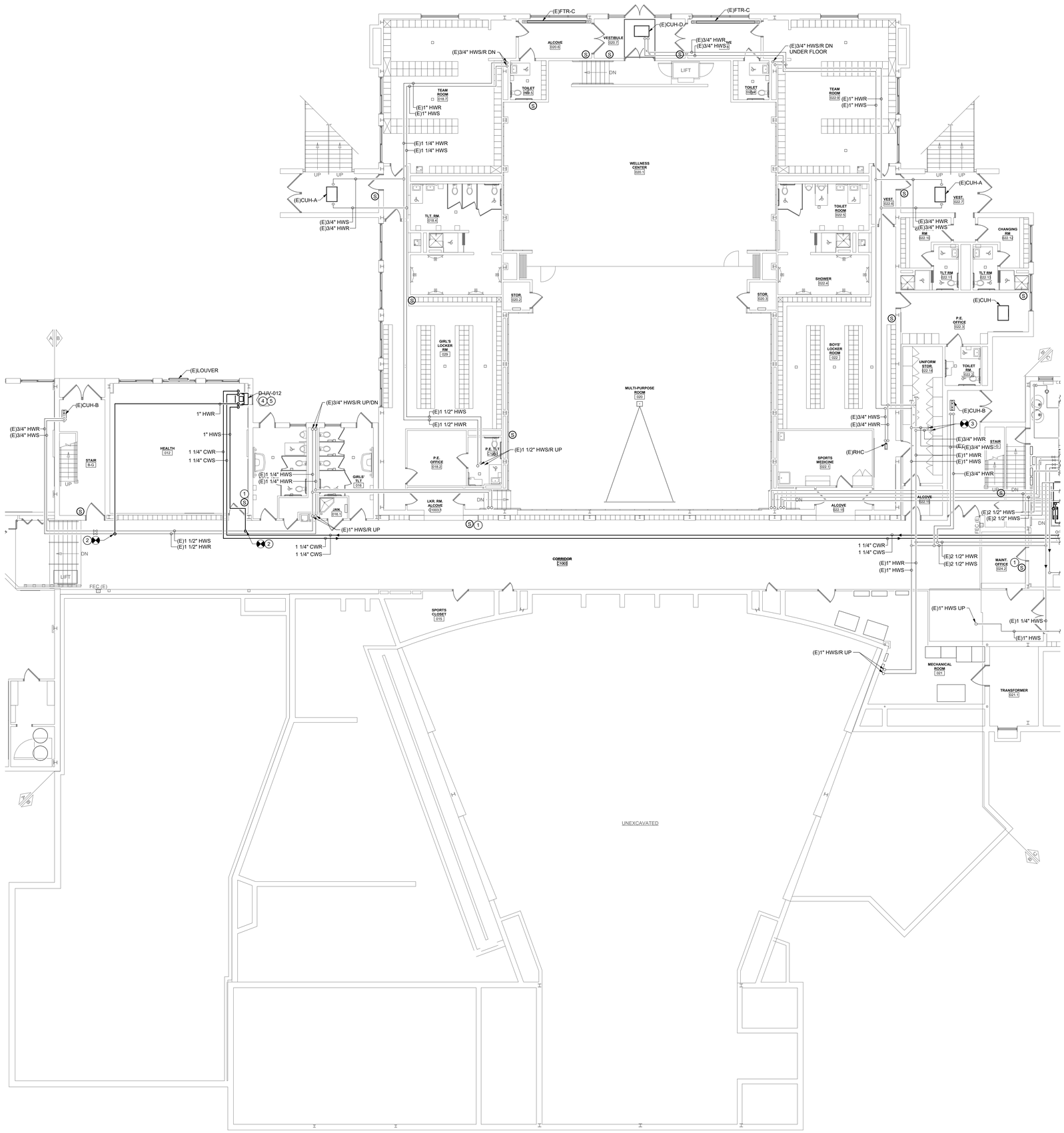
DRAWING TITLE:

GROUND FLOOR PLAN - AREA A - PIPING

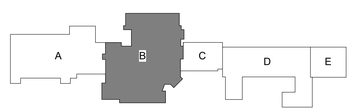
D H1.12

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
3. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN. PROVIDE BALL VALVE AND CAP.
4. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
5. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.



1 GROUND FLOOR PLAN - AREA B - PIPING
1/8" = 1'-0"



PROJECT NORTH

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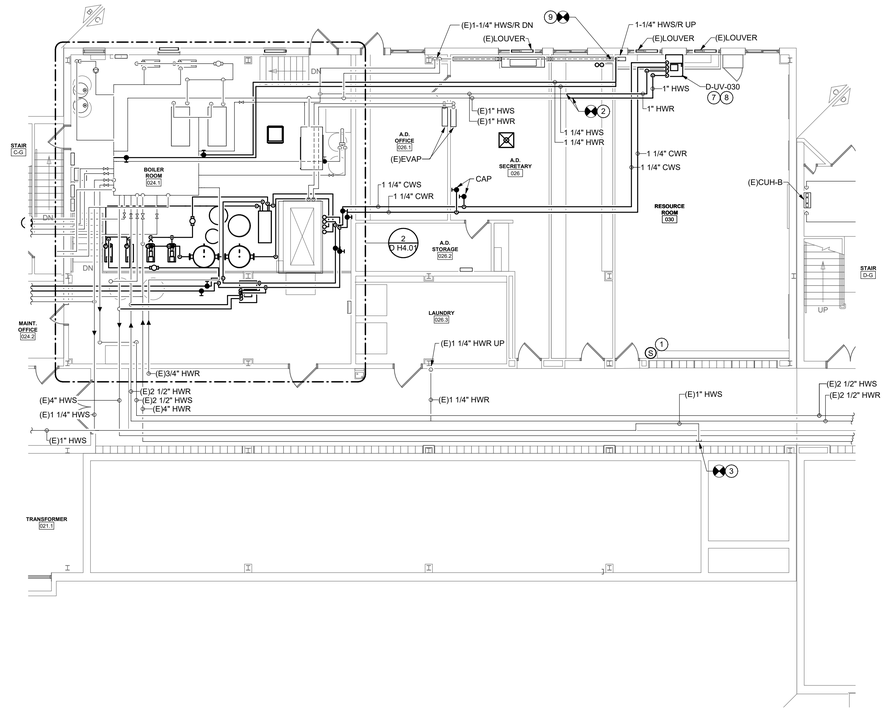
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SCALE: **AS NOTED**

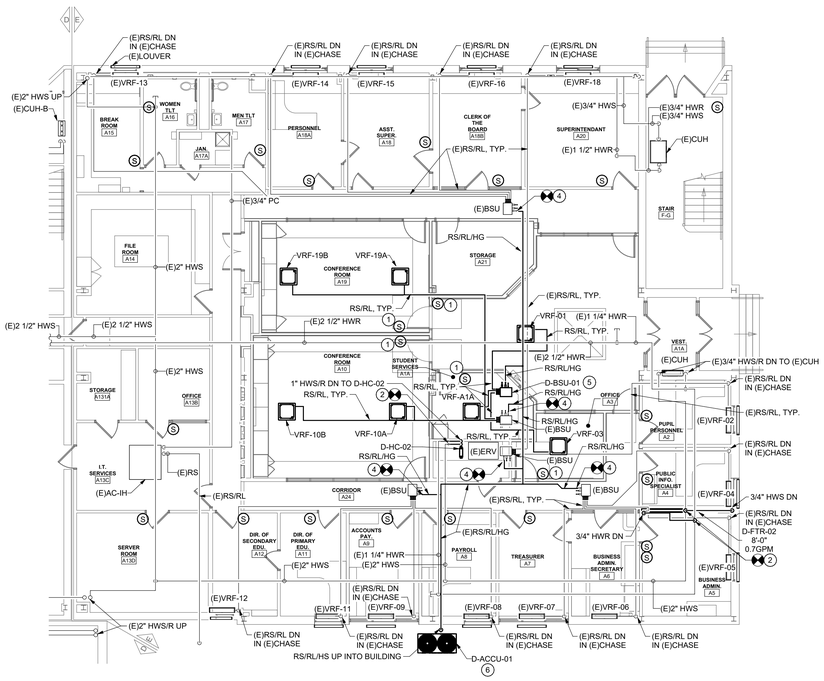
DRAWING TITLE:

GROUND FLOOR PLAN - AREA B - PIPING

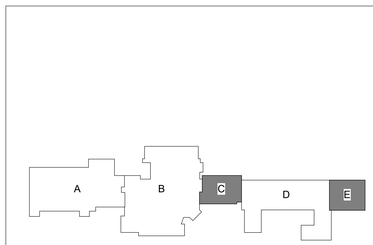
D H1.13



1 GROUND FLOOR PLAN - AREA C - PIPING
1/8" = 1'-0"



3 GROUND FLOOR PLAN - AREA E - PIPING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
3. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN. PROVIDE BALL VALVE AND CAP.
4. PROVIDE REFRIGERATION PIPING CONNECTION TO EXISTING BRANCH SELECTOR UNIT IN LOCATION SHOWN. SEE VRF PIPING DIAGRAM ON D H9.02 FOR PIPE SIZING.
5. PROVIDE BRANCH SELECTOR UNIT IN LOCATION SHOWN.
6. PROVIDE AIR COOLED CONDENSING UNIT IN LOCATION SHOWN. PROVIDE WITH EQUIPMENT STAND. RECHARGE UNIT WITH RECLAIMED REFRIGERANT AND PROVIDE WITH ADDITIONAL CHARGE AS REQUIRED.
7. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
8. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.
9. PROVIDE BALL VALVE AND CAP ON EXISTING HEATING HOT WATER SUPPLY AND RETURN ROUTED HORIZONTALLY ALONG EXTERIOR AT POINT OF REMOVAL.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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www.ibceng.com
IBC # 24044

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JOHN C. HELBING
EXP. 06/30/2026
080515
LICENSED PROFESSIONAL ENGINEER

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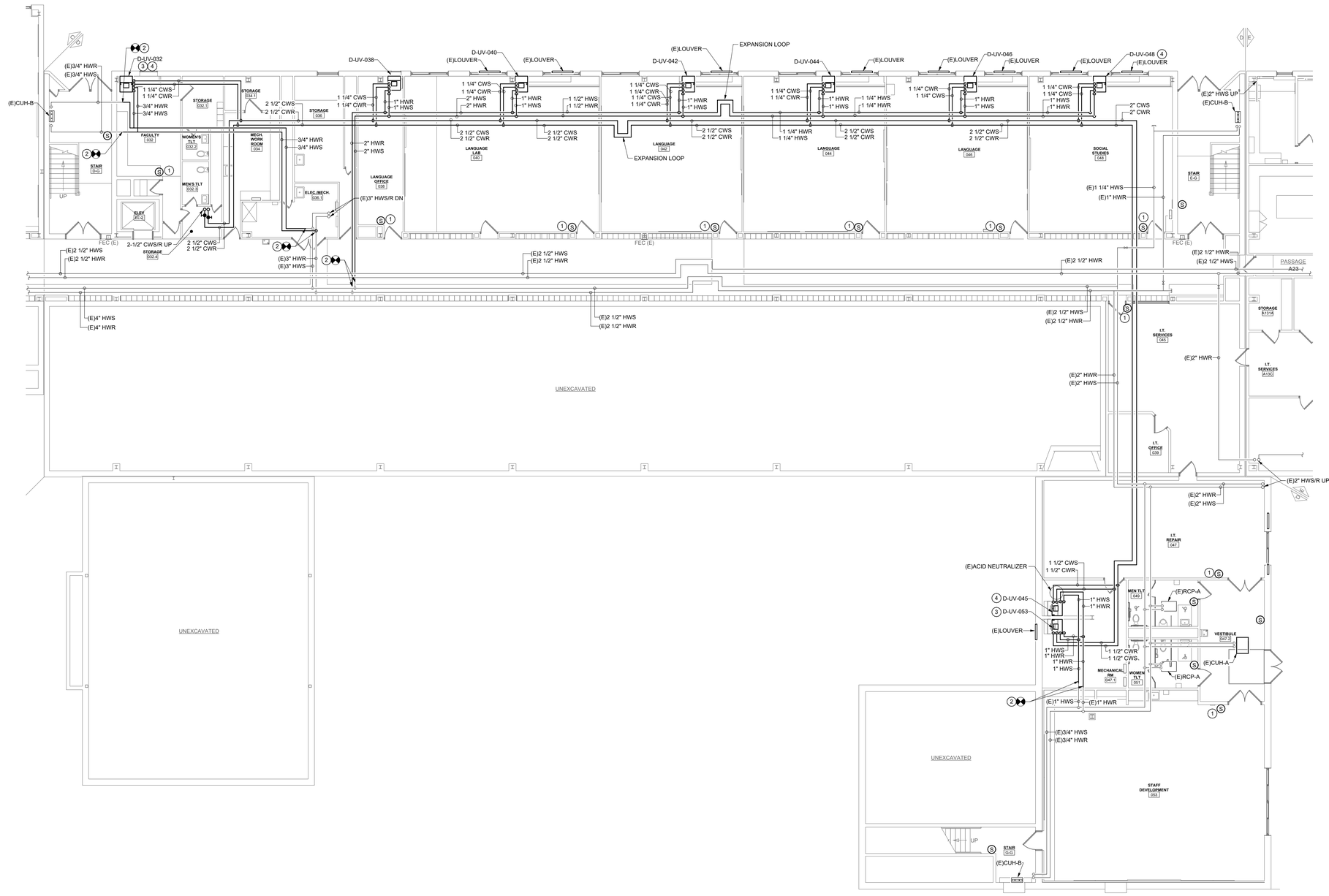
DRAWING TITLE:

GROUND FLOOR PLAN - AREAS C & E - PIPING

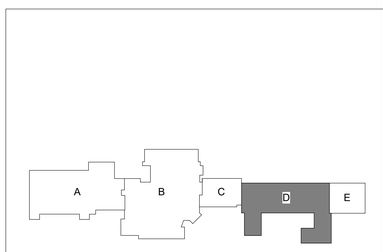
D H1.14

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
3. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
4. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.



1 GROUND FLOOR PLAN - AREA D - PIPING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

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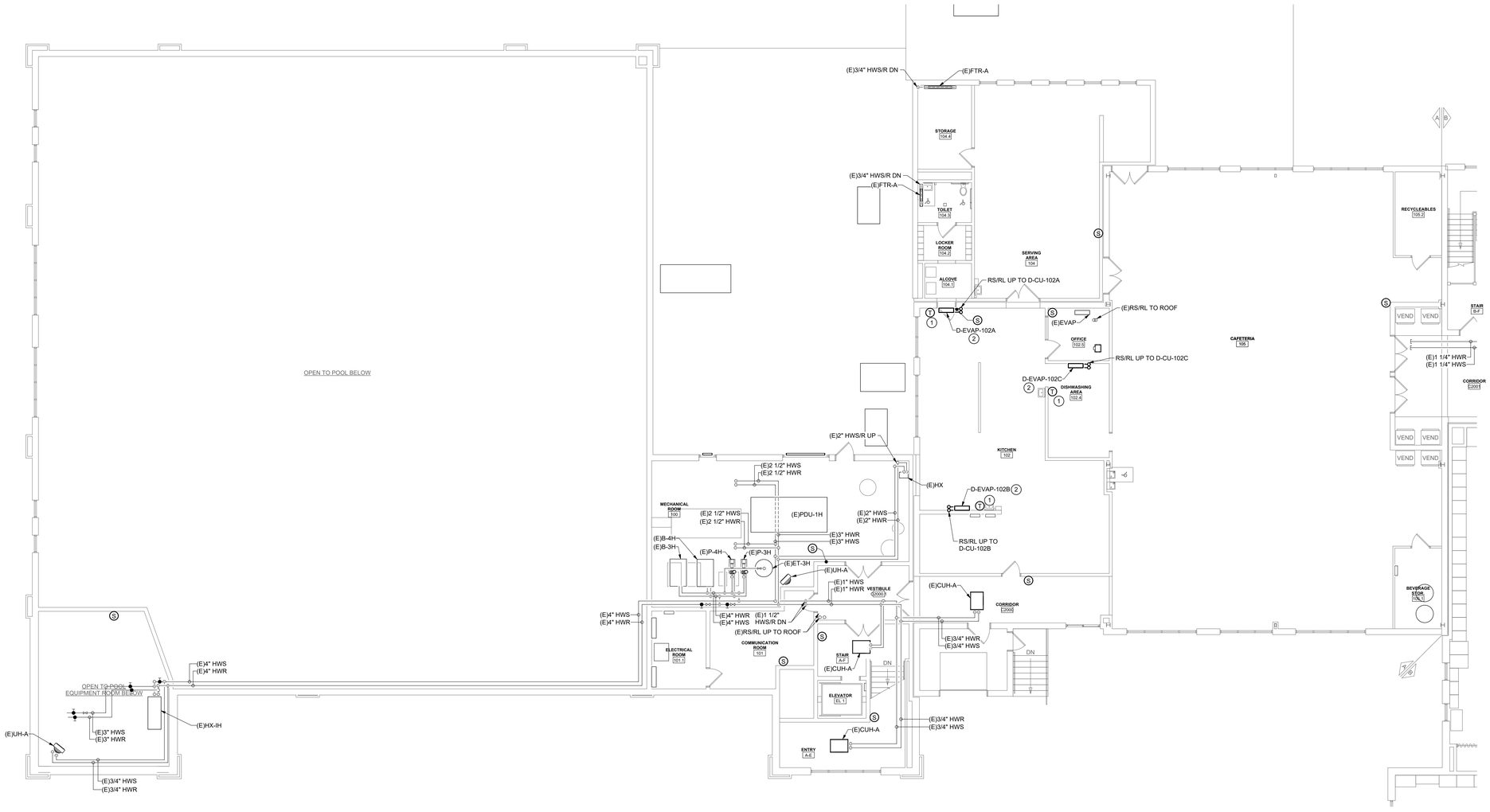
DRAWING TITLE:

GROUND FLOOR PLAN - AREA D - PIPING

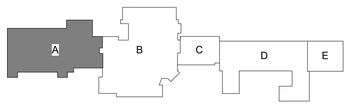
D H1.15

DRAWING NOTES:

1. PROVIDE UNIT FURNISHED THERMOSTAT IN LOCATION SHOWN.
2. PROVIDE WALL MOUNTED EVAPORATOR IN LOCATION SHOWN.



1 FIRST FLOOR PLAN - AREA A - PIPING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

king + king ARCHITECTS

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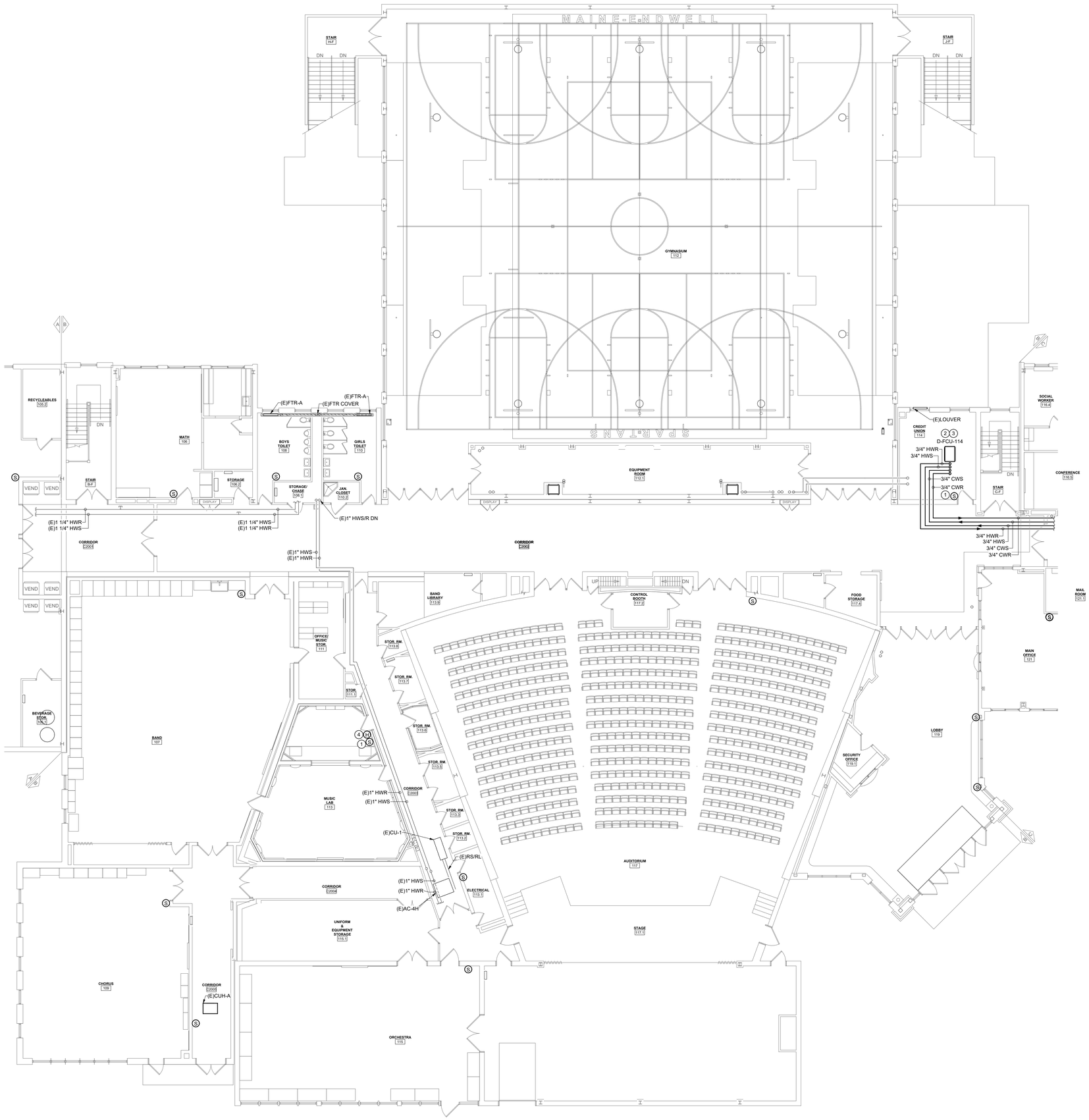
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FIRST FLOOR PLAN - AREA A - PIPING

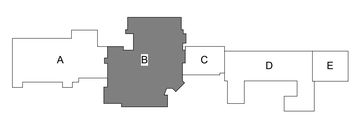
D H1.16

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
3. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.
4. PROVIDE SPACE HUMIDITY SENSOR IN LOCATION SHOWN.



1 FIRST FLOOR PLAN - AREA B - PIPING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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750 FARM TO MARKET RD
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EXP. 06/30/2026
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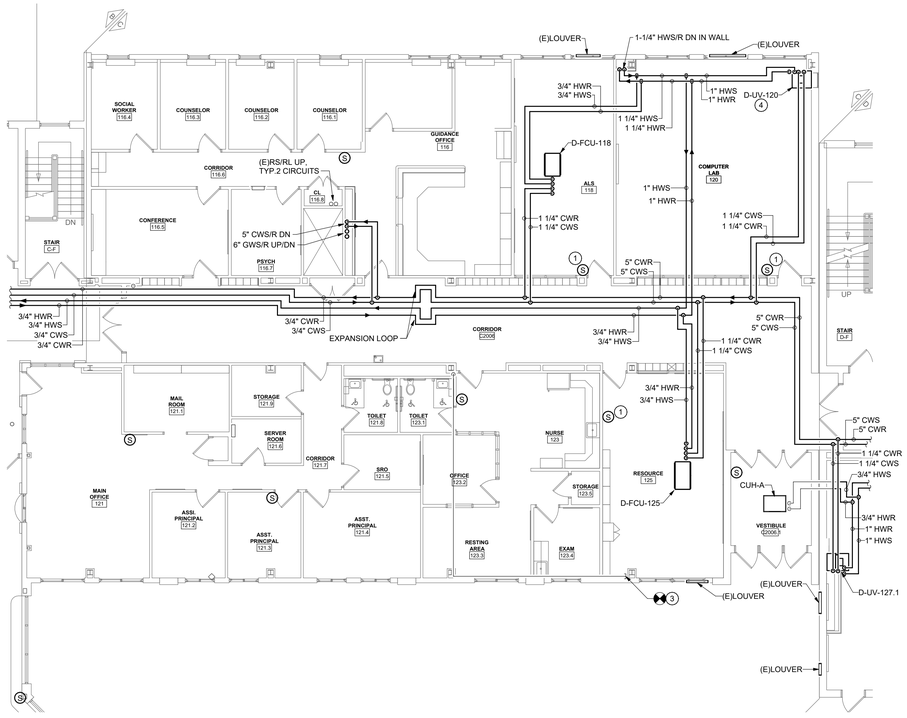
DRAWING TITLE:

FIRST FLOOR PLAN - AREA B - PIPING

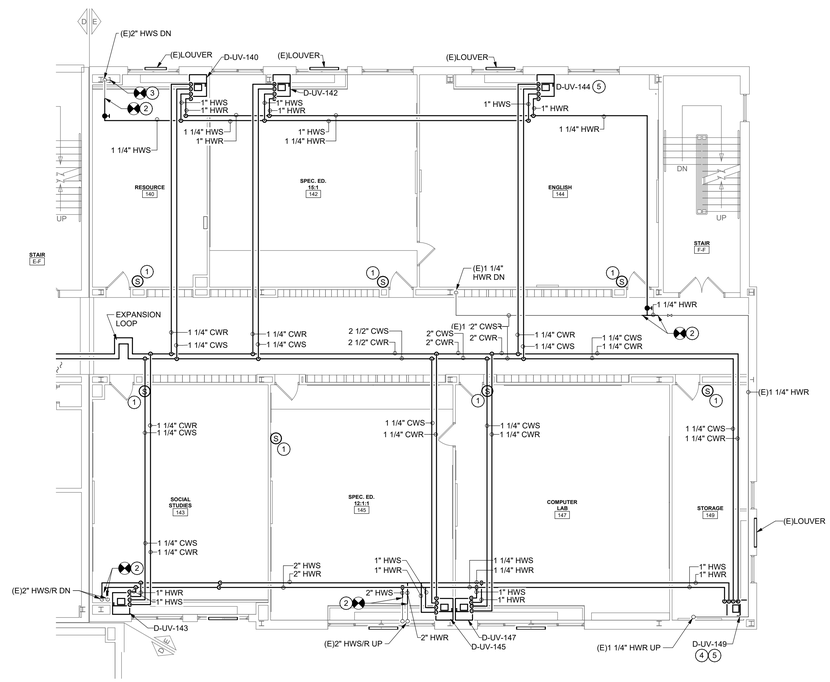
D H1.17

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
3. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN. PROVIDE BALL VALVE AND CAP.
4. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
5. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.



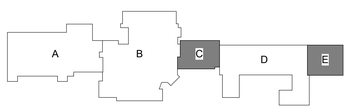
1 FIRST FLOOR PLAN - AREA C - PIPING
1/8" = 1'-0"



2 FIRST FLOOR PLAN - AREA E - PIPING
1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
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KING + KING PROJ. NO.: **23-44-7954**

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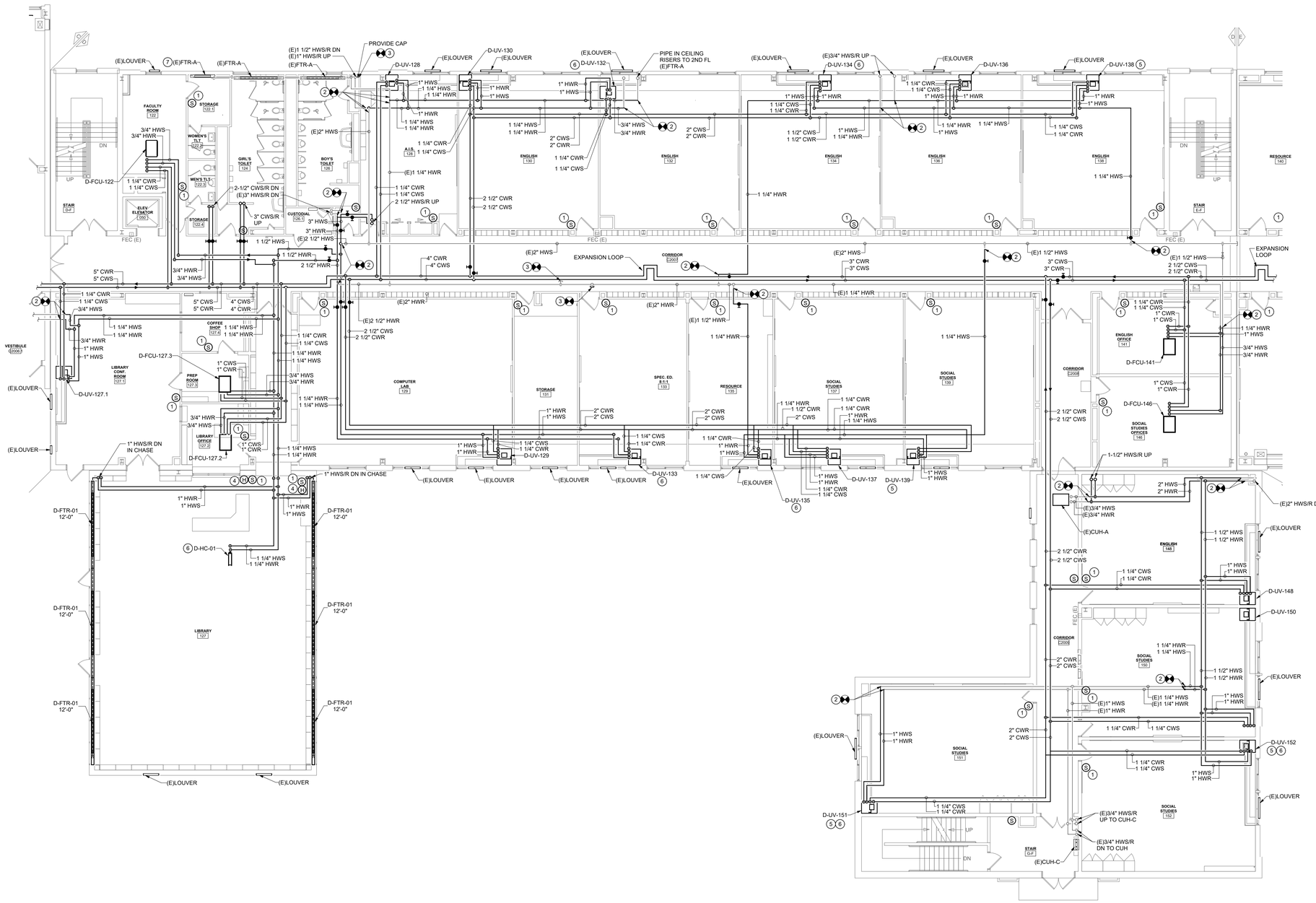
DRAWING TITLE:

FIRST FLOOR PLAN - AREAS C & E - PIPING

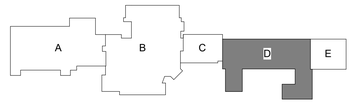
D H1.18

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
3. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN. PROVIDE BALL VALVE AND CAP.
4. PROVIDE SPACE HUMIDITY SENSOR IN LOCATION SHOWN.
5. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
6. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.
7. PROVIDE NEW CONTROL VALVE FOR (E)FIN TUBE RADIATION.



1 FIRST FLOOR PLAN - AREA D - PIPING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

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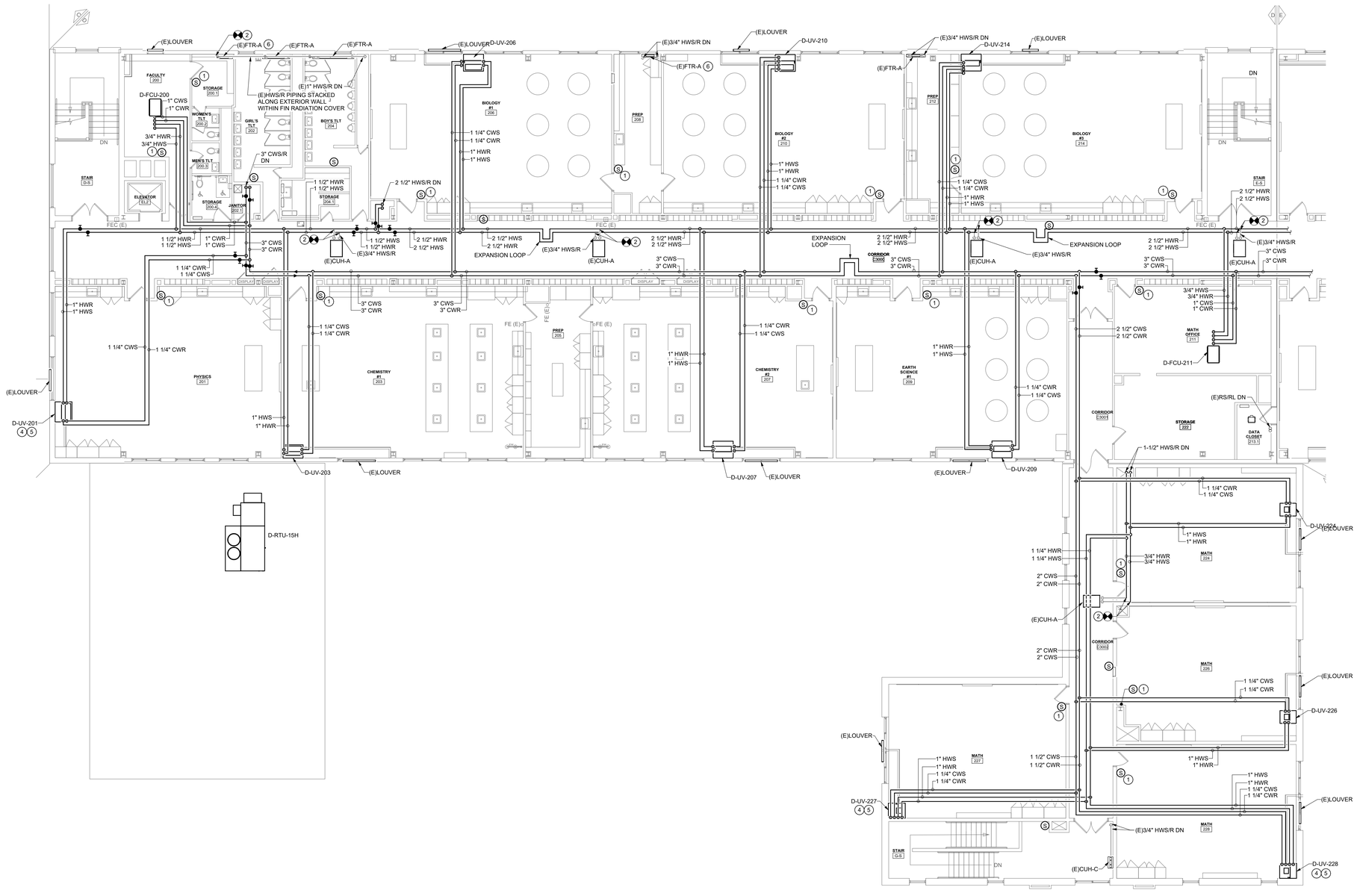
DRAWING TITLE:

FIRST FLOOR PLAN - AREA D - PIPING

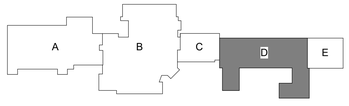
D H1.19

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
3. NOT USED.
4. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
5. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.
6. PROVIDE NEW CONTROL VALVE FOR (E)FIN TUBE RADIATION.



1 SECOND FLOOR PLAN - AREA D - PIPING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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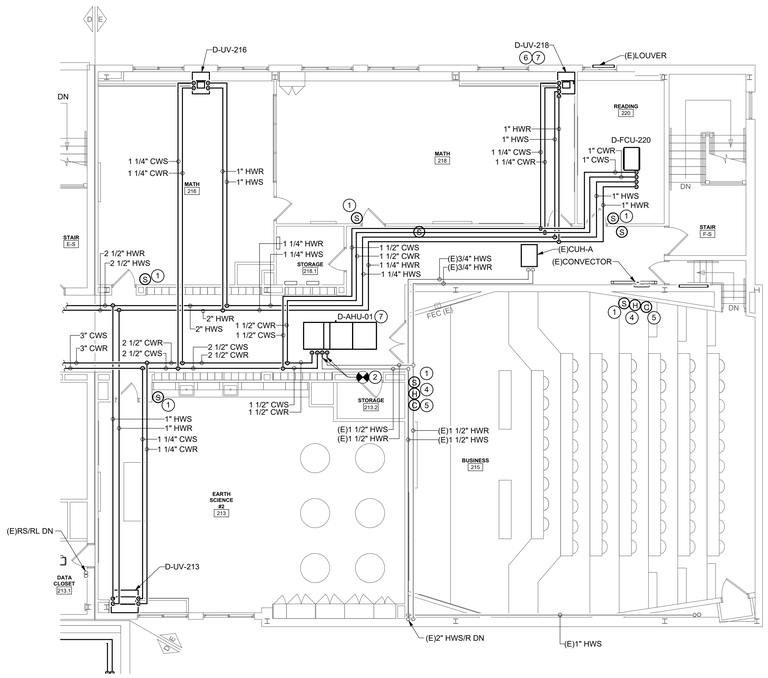
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

SECOND FLOOR PLAN - AREA D - PIPING

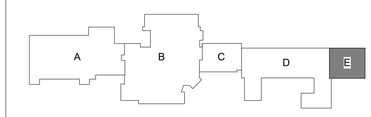
D H1.20



1 SECOND FLOOR PLAN - AREA E - PIPING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
3. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN. PROVIDE BALL VALVE AND CAP.
4. PROVIDE SPACE HUMIDITY SENSOR IN LOCATION SHOWN.
5. PROVIDE SPACE CO2 SENSOR IN LOCATION SHOWN.
6. PROVIDE UNIT WITH CHILLED WATER 3-WAY CONTROL VALVE.
7. PROVIDE UNIT WITH HEATING HOT WATER 3-WAY CONTROL VALVE.



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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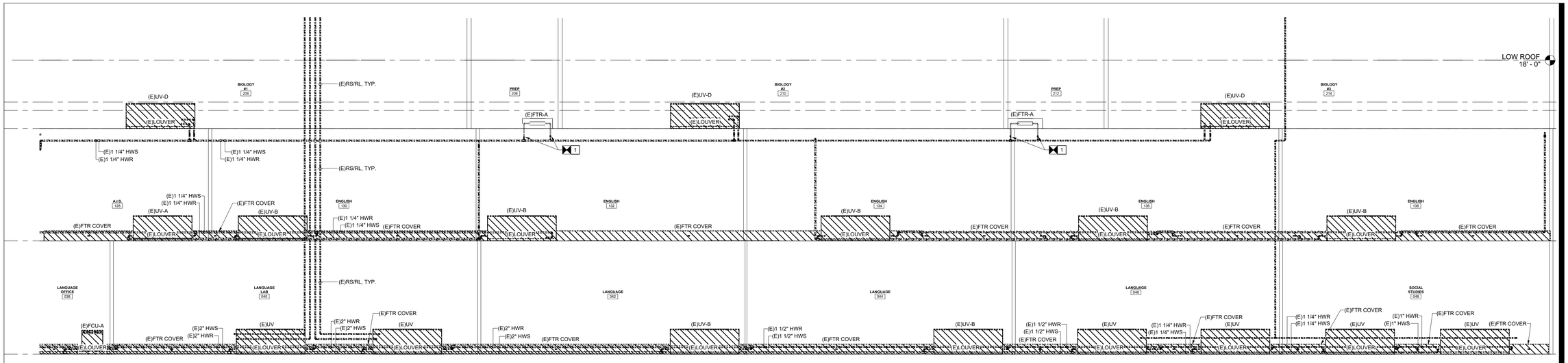
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

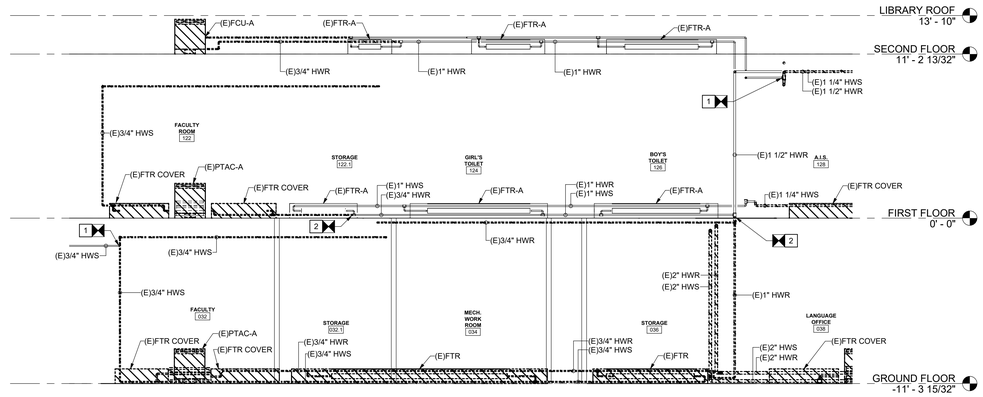
DRAWING TITLE:

SECOND FLOOR PLAN - AREA E - PIPING

D H1.21



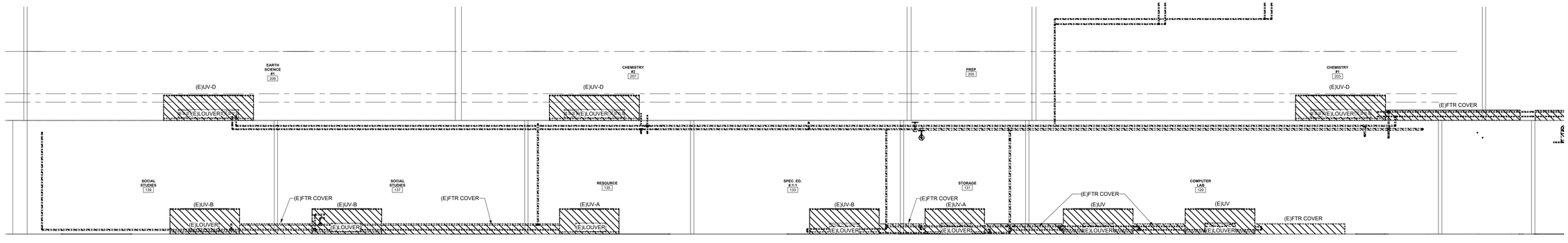
1 SECTION - PIPING DEMOLITION
1/4" = 1'-0"



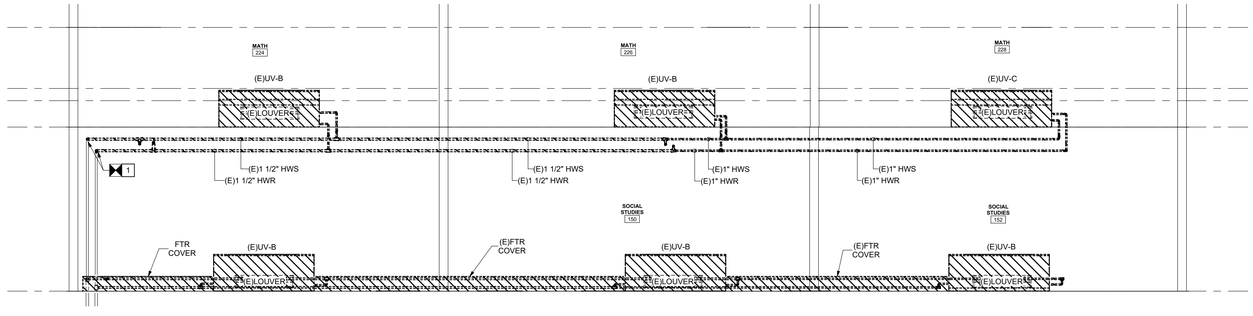
2 SECTION - PIPING DEMOLITION
1/4" = 1'-0"

REMOVAL NOTES:

1. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN AND CAP.



3 SECTION - PIPING DEMOLITION
1/4" = 1'-0"



4 SECTION - PIPING DEMOLITION
1/4" = 1'-0"

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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IBC # 24044

STATE OF NEW YORK
JOHN C. HELBERG
080515
EXP. 06/30/2026
LICENSED PROFESSIONAL ENGINEER

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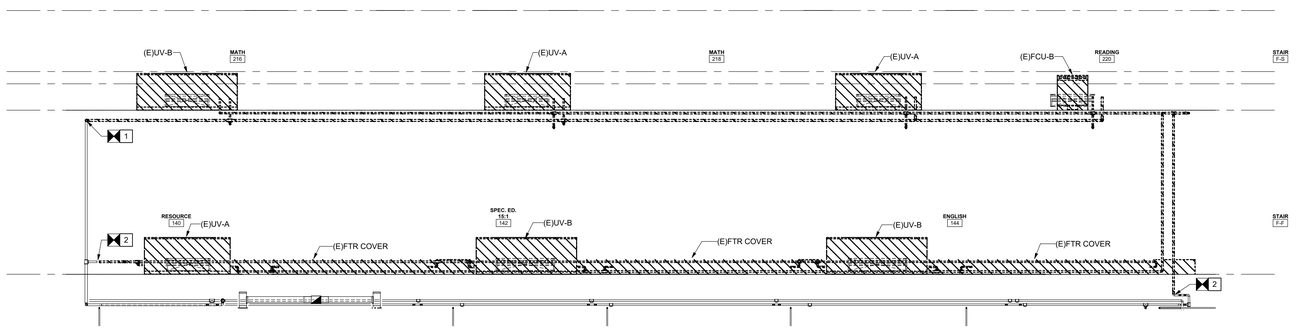
DRAWING TITLE:

SECTIONS - HVAC

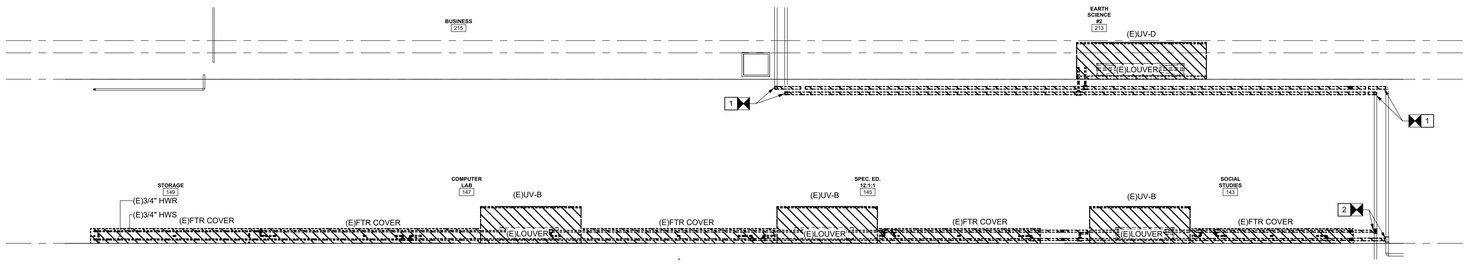
D H3.01

REMOVAL NOTES:

1. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
2. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN AND CAP.



1 SECTION - PIPING DEMOLITION
1/4" = 1'-0"



2 SECTION - PIPING DEMOLITION
1/4" = 1'-0"

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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750 FARM TO MARKET RD
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king+king ARCHITECTS

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SCALE: **AS NOTED**

DRAWING TITLE:

SECTIONS - HVAC

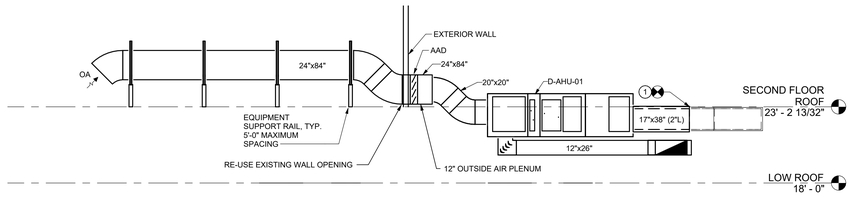
D H3.02

REMOVAL NOTES:

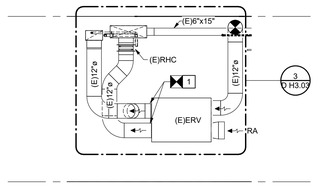
1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.

DRAWING NOTES:

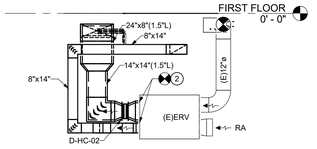
1. PROVIDE CONNECTION TO EXISTING DUCTWORK IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING UNIT IN LOCATION SHOWN.
3. PROVIDE CLEANING OF EXISTING TO BE RE-USED LOUVER AND WALL SLEEVE. PROVIDE CONNECTION FROM EXISTING WALL SLEEVE TO OA DUCTWORK.



1 D-AHU-01 SECTION
1/4" = 1'-0"



2 D.O. ERV SECTION - DUCTWORK DEMOLITION
1/4" = 1'-0"



3 D.O. ERV SECTION - DUCTWORK
1/4" = 1'-0"

king+king
ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

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SCALE: **AS NOTED**

DRAWING TITLE:

SECTIONS - HVAC

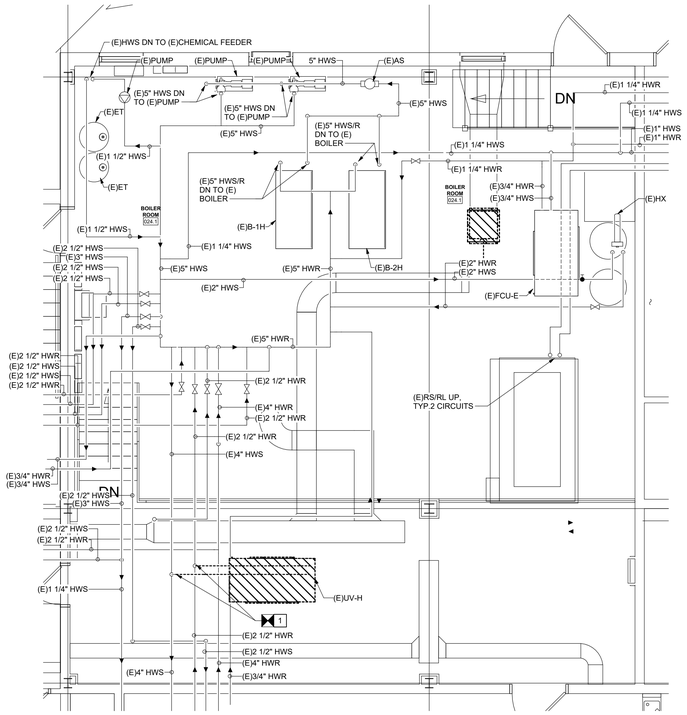
D H3.03

REMOVAL NOTES:

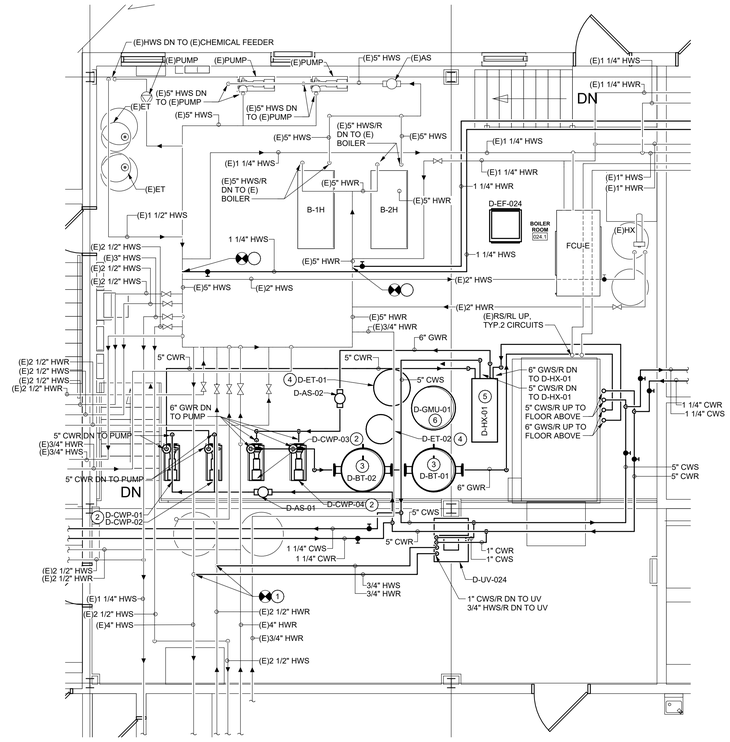
1. REMOVE HEATING HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.

DRAWING NOTES:

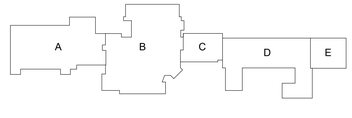
1. PROVIDE CONNECTION TO EXISTING HEATING HOT WATER PIPING IN LOCATION SHOWN.
2. PROVIDE BASE MOUNTED PUMP IN LOCATION SHOWN. PROVIDE WITH EQUPIMENT PAD.
3. PROVIDE BUFFER TANK IN LOCATION SHOWN. PROVIDE WITH EQUPIMENT PAD.
4. PROVIDE EXPANSION TANK IN LOCATION SHOWN. PROVIDE WITH EQUPIMENT PAD.
5. PROVIDE HEAT EXCHANGER IN LOCATION SHOWN. PROVIDE WITH EQUPIMENT PAD.
6. PROVIDE GLYCOL MAKE UP UNIT IN LOCATION SHOWN. PROVIDE WITH EQUPIMENT PAD.



1 ENLARGED PLAN - BOILER ROOM 024.1 - PIPING DEMOLITION
1/4" = 1'-0"



2 ENLARGED PLAN - BOILER ROOM 024.1 - PIPING
1/4" = 1'-0"



PROJECT NORTH

KEY PLAN

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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750 FARM TO MARKET RD
ENDWELL, NY 13760

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DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

ENLARGED PLANS - HVAC

D H4.01

ROOFTOP UNIT SCHEDULE

TAG	LOCATION	SERVICE	MINIMUM OA (CFM)	DCV OA (CFM)	SUPPLY FAN AIRFLOW (MAX - CFM)	AIRFLOW (MIN - CFM)	S.P. (IN. W.G.) EXT.	TOTAL	FAN QNT.	FAN DIA (IN)	FAN (RPM)	MOTOR(S) RPM	HP	QNT.	RETURN FAN AIRFLOW (CFM)	S.P. IN. W.G. EXT.	TOTAL	FAN QNT.	FAN DIA. (IN)	FAN (RPM)	MOTOR RPM	HP	QNT.	GAS HEAT AIRFLOW (CFM)	INPUT (MBH)	OUTPUT (MBH)	EAT (°F)	LAT (°F)	INLET (IN) MIN	AFUE	TURNDOWN	COOLING COIL - DIRECT EXPANSION - R-454B AIRFLOW (CFM)	TOTAL (MBH)	SENS. (MBH)	ROWS	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	FACE VEL. (FPM)	APD (IN)	HOT GAS REHEAT (MBH)	UNIT ELECTRIC DATA V	PH	MCA	STARTER	FILTRATION PRE (MERV)	FINAL (MERV)	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
D-RTU-15H	ROOF	LIBRARY	620	--	2,600	1,625	0.6	1.5	1	--	1412	1170	1.0	1	2,600	0.5	1.6	1	--	1512	1170	1.5	1	--	--	--	--	--	--	--	--	...	83.6	69.6	4	79.8	64.9	53.8	53.8	220	0.16	68.7	460	3	18.9	PACKAGED	8	13	2,658	VALENT VX-112-7I-0-G2	1,3
D-RTU-21H	ROOF	MUSIC LAB 113 SUITE	480	--	1,225	810	0.6	1.7	1	--	1664	1760	0.75	1	1,225	0.5	0.6	1	--	1257	1765	0.5	1	1,225	75	61	40.1	86.1	6.0	81.3%	4:1	...	43.6	35.9	3	83.2	66.6	54.6	54.6	210	0.11	36.9	460	3	7.6	PACKAGED	8	13	1,132	VALENT VX-12-3I-B-G2	1,2,3

REMARKS

1) PROVIDE UNIT WITH SINGLE POINT CONNECTION, INCLUDING VFD'S.
2) PROVIDE BALANCING OF ALL RGD'S ASSOCIATED WITH THIS UNIT.
3) RETURN FAN IS IN THE RELIEF FAN POSITION.

AIR HANDLING UNIT SCHEDULE

TAG	LOCATION	SERVICE	MINIMUM OA (CFM)	DCV OA (CFM)	SUPPLY FAN AIRFLOW (MAX - CFM)	AIRFLOW (MIN - CFM)	S.P. (IN. W.G.) EXT.	TOTAL	FAN QNT.	FAN DIA (IN)	FAN (RPM)	MOTOR(S) RPM	HP	QNT.	VOLTS	PHASE	STARTER	HEATING COIL - HOT WATER AIRFLOW (CFM)	CAP (MBH)	FLOW (GPM)	WPD (FT)	ROWS	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	FACE VEL. (FPM)	APD (IN)	COOLING COIL - CHILLED WATER AIRFLOW (CFM)	TOTAL (MBH)	SENS. (MBH)	FLOW (GPM)	WPD (FT)	ROWS	EWT (°F)	LWT (°F)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	FACE VEL. (FPM)	APD (IN)	UNIT ELECTRIC DATA V	PH	FILTRATION PRE (MERV)	FINAL (MERV)	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
D-AHU-01	CORRIDOR C3000 (ABOVE CEILING)	BUSINESS 215	990	400	2,790	1,840	0.5	3.6	1	16.5	2262	1800	3	1	460	3	VFD BY EC	2,790	185.8	8.7	0.48	2	180.0	137.3	42.6	104.0	382	0.11	2,790	114.7	82.8	19.1	0.74	6	44.0	56.0	81.9	68.0	55.0	54.9	382	0.58	460	3	8	13	1,544	TRANE CSAA008	1

REMARKS

1. HEATING COIL SHALL OPERATE AT 180F/150F, COIL SELECTED AT 140F/110F, 8.6 GPM, 128.3 MBH.

FAN COIL UNIT SCHEDULE

TAG	LOCATION	SERVICE	OUTSIDE AIRFLOW (CFM)	SUPPLY FAN AIRFLOW (CFM)	S.P. (IN. W.G.) EXT.	MOTOR(S) RPM	HP	HEATING COIL - HOT WATER (180°F EWT) CAP (MBH)	FLOW (GPM)	WPD (FT)	ROWS	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	HEATING COIL - HOT WATER (FUTURE 140°F EWT) CAP (MBH)	FLOW (GPM)	WPD (FT)	ROWS	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	COOLING COIL - CHILLED WATER TOTAL (MBH)	SENS. (MBH)	FLOW (GPM)	WPD (FT)	ROWS	EWT (°F)	LWT (°F)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	UNIT ELECTRIC DATA V	PH	MCA	FILTER (MERV)	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
D-FCU-114	CREDIT UNION 114	CREDIT UNION 114	50	450	0.35	1,379	0.22	13.6	0.3	0.5	1	180.0	89.0	59.3	87.2	14.7	1.0	4.2	1	140.0	110.0	59.3	89.5	12.9	12.4	2.1	2.2	3	44.0	56.0	79.2	63.0	53.8	53.1	120	1	3.9	13	147	TRANE FCCB 080	1,2,3
D-FCU-118	A.L.S. 118	A.L.S. 118	280	500	0.35	1,475	0.22	30.9	1.3	6.1	1	180.0	130.5	28.4	85.4	25.7	2.7	23.5	1	140.0	120.5	28.4	75.9	23.9	15.9	4.0	6.8	3	44.0	56.0	84.2	69.7	55.2	54.6	120	1	3.9	13	147	TRANE FCCB 080	1,2,3
D-FCU-122	FACULTY 122	FACULTY 122 / STORAGE 122.1 / STORAGE 122.4	70	500	0.35	1,460	0.22	16.9	0.4	0.9	1	180.0	95.6	57.3	88.4	15.2	0.9	3.2	1	140.0	104.2	57.3	85.3	17.8	13.3	3.0	3.9	3	44.0	56.0	79.5	66.2	55.0	54.4	120	1	3.9	13	147	TRANE FCCB 080	1,2,3
D-FCU-125	RESOURCE 125	RESOURCE 125	320	600	0.35	1,607	0.22	35.9	1.9	12.6	1	180.0	142.2	30.2	85.4	27.6	2.7	23.5	1	140.0	119.2	30.2	72.5	27.2	18.4	4.5	8.6	3	44.0	56.0	83.9	69.5	55.8	55.2	120	1	3.9	13	147	TRANE FCCB 080	1,2,3
D-FCU-127.2	LIBRARY OFFICE 127.2	LIBRARY OFFICE 127.2	30	150	0.35	1,423	0.13	7.0	0.2	0.2	1	180.0	113.5	53.2	85.4	7.0	0.7	1.1	1	140.0	118.5	53.2	85.4	6.2	4.9	1.0	1.7	3	44.0	56.0	80.2	66.7	57.8	56.7	120	1	2.8	13	81	TRANE FCCB 020	1,2,3
D-FCU-127.3	PREP ROOM 127.3	PREP ROOM 127.3 / COFFEE SHOP 127.4	40	275	0.35	1,673	0.13	8.5	0.3	0.2	1	180.0	119.1	57.0	85.6	8.5	1.1	2.7	1	140.0	124.6	57.0	85.3	8.3	6.6	1.4	2.8	3	44.0	56.0	79.6	66.3	57.5	56.6	120	1	2.8	13	81	TRANE FCCB 030	1,2,3
D-FCU-141	SOCIAL STUDIES 141	SOCIAL STUDIES 141	50	200	0.35	1,435	0.13	7.8	0.3	0.2	1	180.0	117.4	49.8	85.9	7.7	0.9	1.9	1	140.0	122.8	49.8	85.5	6.8	5.2	1.1	2.0	3	44.0	56.0	80.8	67.1	56.9	56.1	120	1	2.8	13	81	TRANE FCCB 030	1,3
D-FCU-146	ENGLISH OFFICE 146	ENGLISH OFFICE 146	60	200	0.35	1,437	0.13	8.4	0.3	0.2	1	180.0	119.7	46.3	85.2	8.4	1.2	3.1	1	140.0	126.0	46.3	85.1	7.1	5.3	1.2	2.2	3	44.0	56.0	81.3	67.6	57.0	56.2	120	1	2.8	13	81	TRANE FCCB 030	1,3
D-FCU-200	FACULTY 200	FACULTY 200 / STORAGE 200.1	100	550	0.35	1,529	0.22	18.8	0.5	1.1	1	180.0	96.5	54.5	86.0	18.8	1.5	8.6	1	140.0	115.0	54.5	85.9	20.1	14.9	3.3	4.9	3	44.0	56.0	80.0	66.6	55.2	54.6	120	1	3.9	13	147	TRANE FCCB 080	1,2,3
D-FCU-211	MATH OFFICE 211	MATH OFFICE 211 / STORAGE 222	100	500	0.35	1,463	0.22	17.4	0.4	0.9	1	180.0	92.9	53.2	85.3	17.4	1.2	5.9	1	140.0	111.0	53.2	85.3	18.6	13.7	3.1	4.3	3	44.0	56.0	80.2	66.7	55.0	54.5	120	1	3.9	13	147	TRANE FCCB 080	1,3
D-FCU-220	READING 220	READING 220	170	400	0.35	1,339	0.22	20.7	0.5	1.3	1	180.0	100.4	37.7	85.4	20.6	2.2	16.2	1	140.0	120.8	37.7	85.3	17.9	12.2	3.0	4.0	3	44.0	56.0	82.7	68.6	54.8	54.2	120	1	3.9	13	147	TRANE FCCB 080	1,2,3

REMARKS

1. UNIT SHALL BE ABOVE CEILING RECESSED, DUCTED OUTSIDE AIR, RETURN AND SUPPLY STYLE
2. PROVIDE WITH MAXIBLUE CONDENSATE PUMP, 110V/1 PHASE. PROVIDE WITH WITE FASCIA KIT TO CONCEAL ALL EXPOSED PUMP ACCESSORIES AND TUBING.
3. PROVIDE WITH CONDENSATE OVERFLOW SWITCH.

ENERGY RECOVERY VENTILATOR SCHEDULE

TAG	AREA SERVED	SUPPLY FAN OA/SA (CFM)	S.P. (IN. W.G.) EXT.	BLADE TYPE	FAN (RPM)	DRIVE TYPE	MOTOR DATA HP	EXHAUST FAN RA/EA (CFM)	S.P. (IN. W.G.) EXT.	BLADE TYPE	FAN (RPM)	DRIVE TYPE	MOTOR DATA HP	WINTER CONDITIONS OA EAT (°F)	SA LAT (°F)	RA EAT (°F)	EFF.	SUMMER CONDITIONS OA EDB	OA EWB	SA LDB	SA LWB	RA EDB	RA EWB	TOT. EFF.	SENS. EFF.	UNIT ELECTRIC DATA V	PH	MCA	STARTER	FILTRATION OUTSIDE (MERV)	RETURN (MERV)	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
(E)ERV	DISTRICT OFFICE	995	0.75	BI	2,674	DIRECT	3/4	575	0.50	BI	2,549	DIRECT	3/4	-2.0	36.7	70.0	92.7	89.0	73.0	81.5	69.2	75.0	62.6	52.5	71.8	208	3	10.1	PACKAGED	13	8	--	(E)RENEWAIRE HE1XIN	1

REMARKS

1. PROVIDE BALANCING OF EXISTING UNIT.

SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE

INDOOR EVAPORATOR UNIT TAG	AREA SERVED	SA (CFM)	ESP (IN WC)	TOT COOL (MBH)	SENS COOL (MBH)	MOTOR DATA HP	RPM	V	PH	MCA	STARTER	DESIGN EQUIPMENT	OUTDOOR CONDENSING UNIT TAG	CAPACITY (MBH)	MOTOR DATA HP	RPM	V	PH	MCA	STARTER	REFRIGERANT TYPE	DESIGN EQUIPMENT	REMARKS
D-EVAP-102A	KITCHEN 102	775/635	--	24.0	18	--	--	208	1	1	PACKAGED	TRANE PKA-AK24NL	D-CU-102A	24.0	--	--	208	1	24	PACKAGED	R-454B	TRANE PUZ-AK24NLHZ	1,2,3
D-EVAP-102B	KITCHEN 102	775/635	--	24.0	18	--	--	208	1	1	PACKAGED	TRANE PKA-AK24NL	D-CU-102B	24.0	--	--	208	1	24	PACKAGED	R-454B	TRANE PUZ-AK24NLHZ	1,2,3
D-EVAP-102C	DISHWASHING AREA 102.4	775/635	--	24.0	18	--	--	208	1	1	PACKAGED	TRANE PKA-AK24NL	D-CU-102C	24.0	--	--	208	1	24	PACKAGED	R-454B	TRANE PUZ-AK24NLHZ	1,2,3

REMARKS

1. PROVIDE UNIT WITH CONDENSATE PUMP.
2. PROVIDE LOW AMBIENT CONTROL.
3. PROVIDE WITH BMS INTEGRATION.

FAN SCHEDULE

TAG	LOCATION	SERVICE	AIRFLOW (CFM)	SP (IN WC)	BLADE TYPE	FAN (RPM)	DRIVE TYPE	MOTOR DATA HP	RPM	V	PH	STARTER	DESIGN EQUIPMENT	REMARKS
D-EF-024	BOILER ROOM 024.1	A.D. SECRETARY 026 / A.D. OFFICE 026.1 / JAN. STOR. 028 / RESOURCE RM 030	2,800	0.50	BI	1,152	DIRECT	1	1,300	115	1	PACKAGED	GREENHECK SQ-160-VG	2,3
D-EF-125	ROOF	RESOURCE 125	320	0.30	BI	1,074	DIRECT	1/6	1,725	115	1	PACKAGED	GREENHECK G-095-VG	1
D-EF-149	ROOF	STORAGE 149	800	0.50	BI	1,317	DIRECT	1/4	1,725	115	1	PACKAGED	GREENHECK G-100-G	2,3
D-EF-206	ROOF	BIOLOGY #1 206	1,260	0.40	BI	943	DIRECT	1/2	1,200	115	1	PACKAGED	GREENHECK G-140-VG	1
D-EF-209	ROOF	EARTH SCIENCE #1 209	1,300	0.40	BI	956	DIRECT	1/2	1,200	115	1	PACKAGED	GREENHECK G-140-VG	1
D-EF-210	ROOF	BIOLOGY #2 210	1,260	0.40	BI	950	DIRECT	1/2	1,200	115	1	PACKAGED	GREENHECK G-140-VG	1
D-EF-214	ROOF	BIOLOGY #3 214	1,260	0.40	BI	943	DIRECT	1/2	1,200	115	1	PACKAGED	GREENHECK G-140-VG	1

REMARKS

1. PROVIDE MOTOR CONTROLLER WITH LOCAL SPEED POTENTIOMETER FOR BALANCING.
2. FAN SHALL BE VARIABLE VOLUME.
3. PROVIDE MOTOR CONTROLLER TO ALLOW 0-10 VDC SPEED MODULATION SIGNAL.

LOUVER SCHEDULE

TAG	LOCATION	SERVICE	AIRFLOW (CFM)	APD (IN WC)	FREE AREA (SQFT)	FACE VEL. (FPM)	BIRD SCREEN	SIZE (IN) LENGTH	HEIGHT	DEPTH	DESIGN EQUIPMENT	REMARKS
D-L-012	HEALTH 012	D-UV-012	1,000	0.02	2.3	430	YES	24.0	40.0	2.0	GREENHECK ESD-202	1,2
D-L-032	FACULTY 032	D-UV-032	800	0.03	1.8	453	YES	40.0	20.0	2.0	GREENHECK ESD-202	1,2
D-L-038	LANGUAGE OFFICE 038	D-UV-038	800	0.03	1.8	438	YES	24.0	32.0	2.0	GREENHECK ESD-202	1,2
D-L-120	COMPUTER LAB 120	D-UV-120	1,000	0.02	2.3	430	YES	24.0	40.0	2.0	GREENHECK ESD-202	1,2

REMARKS

1. CUSTOM COLOR SELECTION BY ARCHITECT.
2. FURNISHED BY HVAC, INSTALLED BY GC.

REGISTER, GRILLE AND DIFFUSER SCHEDULE

TAG	TYPE	MATERIAL	FINISH/COLOR	DESIGN EQUIPMENT	REMARKS
1	SUPPLY	STEEL	BY ARCHITECT	KRUEGER SHV	1
2	SUPPLY	STEEL	BY ARCHITECT	KRUEGER 1900 - (2)1" SLOTS, 36" ACTIVE LENGTH	1, 2
3	SUPPLY	ALUMINUM	BY ARCHITECT	KRUEGER S880H	1
A	RETURN/EXHAUST	STEEL	BY ARCHITECT	KRUEGER S85	1
B	RETURN/EXHAUST	STEEL	BY ARCHITECT	KRUEGER S80P	1

REMARKS

1. CUSTOM COLOR SELECTION BY ARCHITECT.
2. PROVIDE CONTINUOUS APPEARANCE FOR SOFFIT LINEAR DIFFUSERS ACROSS THE ENTIRE SOFFIT FACE. PROVIDE BLANK-OFF STRIPS FOR INACTIVE SECTIONS

EXISTING FAN SCHEDULE

TAG	LOCATION	SERVICE	AIRFLOW (CFM-MIN)	AIRFLOW (CFM-MAX)	SP (IN WC)	FAN (RPM)	DRIVE TYPE	MOTOR DATA HP	RPM	V	PH	STARTER	DESIGN EQUIPMENT	REMARKS
(E)F-11H	ROOF	CLASSROOM RELIEF - SEE PLANS	790	2,500	0.24		BELT	3/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-16H	ROOF	CLASSROOM RELIEF - SEE PLANS	990	2,200	0.25		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-22H	ROOF	CLASSROOM RELIEF - SEE PLANS	830	1,500	0.20		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-23H	ROOF	CLASSROOM RELIEF - SEE PLANS	170	1,050	0.10		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-25H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,280	1,280	0.20		BELT	1/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-27H	ROOF	CLASSROOM RELIEF - SEE PLANS	350	800	0.25		BELT	1/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-28H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,360	1,360	0.20		BELT	1/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-30H	ROOF	CLASSROOM RELIEF - SEE PLANS	2,210	3,600	0.410		BELT	3/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-31H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,080	2,235	0.40		BELT	3/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-33H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,360	1,360	0.200		BELT	1/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-34H	ROOF	CLASSROOM RELIEF - SEE PLANS	860	1,600	0.30		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-36H	ROOF	CLASSROOM RELIEF - SEE PLANS	2,160	3,600	0.400		BELT	1	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-37H	ROOF	CLASSROOM RELIEF - SEE PLANS	540	800	0.25		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-38H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,080	1,800	0.30		BELT	3/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-39H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,240	1,240	0.20		BELT	1/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-40H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,950	3,600	0.35		BELT	3/4	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-41H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,450	2,450	0.30		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-42H	ROOF	CLASSROOM RELIEF - SEE PLANS	380	1,300	0.40		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-43H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,090	2,000	0.20		BELT	1/3	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-44H	ROOF	CLASSROOM RELIEF - SEE PLANS	2,180	4,200	0.40		BELT	1	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-45H	ROOF	CLASSROOM RELIEF - SEE PLANS	1,060	2,200	0.20		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1
(E)F-48H	ROOF	CLASSROOM RELIEF - SEE PLANS	730	1,400	0.30		BELT	1/2	1,750	208	3	(E)VFD	(E)FAN	1

REMARKS

1. PROVIDE BALANCING OF EXISTING RELIEF FAN TO MININMUM AND MAXIMUM AIRFLOW RATES SCHEDULED. COORDINATE WITH TEMPERATURE CONTROL CONTRACTOR.

PENTHOUSE SCHEDULE

TAG	LOCATION	SERVICE	AIRFLOW (CFM)	APD (IN WC)	THROAT AREA (SQFT)	THROAT VEL (FPM)	BIRD SCREEN	THROAT SIZE (IN) LENGTH	WIDTH	OVERALL SIZE (IN) LENGTH	WIDTH	DESIGN EQUIPMENT	REMARKS
D-IH-114	ROOF	D-FCU-114 INTAKE	450	0.05	1.0	450	YES	12.0	12.0	27.0	26.0	GREENHECK FGI-12x12	1
D-IH-118	ROOF	D-FCU-118 INTAKE	500	0.05	1.1	450	YES	16.0	10.0	39.0	24.0	GREENHECK FGI-16x10	1
D-IH-125	ROOF	D-FCU-125 INTAKE	600	0.05	1.4	441	YES	14.0	14.0	27.0	28.0	GREENHECK FGI-14x14	1
D-IH-200	ROOF	D-FCU-200 INTAKE	550	0.04	1.4	404	YES	14.0	14.0	27.0	28.0	GREENHECK FGI-14x14	1
D-IH-220	ROOF	D-FCU-122 / D-FCU-220 INTAKE	1,050	0.06	2.2	485	YES	26.0	12.0	39.0	30.0	GREENHECK FGI-26x12	1
D-RH-114	ROOF	D-FCU-114 RELIEF	450	0.05	1.0	450	YES	12.0	12.0	27.0	26.0	GREENHECK FGR-12x12	1
D-RH-125	ROOF	D-FCU-125 RELIEF	280	0.05	0.7	403	YES	10.0	10.0	27.0	24.0	GREENHECK FGR-10x10	1

REMARKS

1. CUSTOM COLOR SELECTION BY ARCHITECT.

COIL SCHEDULE - HOT WATER

TAG	UNIT SERVED	AIRFLOW (CFM)	CAP (MBH)	FLOW (GPM)	WPD (FT)	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	FACE VEL. (FPM)	APD (IN)	DIMENSIONS (IN) WIDTH	HEIGHT	DESIGN EQUIPMENT	REMARKS
D-HC-01	D-RTU-15H	2,600	117.5	8.0	2.9	180.0	150.0	45.0	86.7	505	0.14	26	28.5	TRANE	
D-HC-02	D.O. ERV	995	39.4	2.7	3.4	180.0	150.0	36.0	72.5	442	0.08	16	16	TRANE	

RADIATION SCHEDULE - 170°F AWT

TAG	HEATING CAPACITY BTU/H / LINEAR FOOT	MOUNT TYPE	ENCLOSURE (IN) HEIGHT	DEPTH	MOUNT HEIGHT	ELEMENT DIMENSIONS TUBE (IN)	FIN (PER FT.)	ROWS	DESIGN EQUIPMENT	REMARKS
D-FTR-01	1,060	WALL	14	5-5/16	4	3/4	50.0	1	STERLING JVB-T 4-1/4x4-1/4 FIN	1,2,3
D-FTR-02	857	WALL	12	39485	4	--	--	4	RUNTAL TT-4	4

REMARKS

1. ENCLOSURE CUSTOM COLOR SELECTION BY ARCHITECT.
2. PROVIDE WITH LOUVERED INLET RETURN TO WALL.
3. MOUNTING HEIGHT ABOVE EXISTING BOOKCASES IN LIBRARY.
4. PROVIDE REQUIRED END CAPS TO EXTEND FROM END OF RUNTAL TO WALL.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7954

SED PROJECT NUMBERS:
D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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SCALE: AS NOTED
DRAWING TITLE:
SCHEDULES - HVAC

D H5.01

UNIT VENTILATOR SCHEDULE

TAG	LOCATION	SERVICE	TYPE	OUTSIDE AIRFLOW (CFM)	SUPPLY FAN AIRFLOW (CFM)	S.P. (IN. W.G.) EXT.	MOTOR(S) RPM	MOTOR(S) HP	HEATING COIL - HOT WATER (180°F EWT) CAP (MBH)	FLOW (GPM)	WPD (FT)	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	HEATING COIL - HOT WATER (FUTURE 140°F EWT) CAP (MBH)	FLOW (GPM)	WPD (FT)	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	COOLING COIL - CHILLED WATER TOTAL (MBH)	SENS. (MBH)	FLOW (GPM)	WPD (FT)	EWT (°F)	LWT (°F)	EDB (°F)	EWB (°F)	LDB (°F)	LWB (°F)	UNIT ELECTRICAL DATA V	PH	MCA	STARTER	FILTER (MERV)	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
D-UV-012	HEALTH 012	HEALTH 012	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,3
D-UV-024	MECHANICAL RM 024	MAINT OFFICE 024.2 / CORRIDOR C029 / CORRIDOR C1003	VERTICAL	580	950	0.75	1400	1/2	77.0	2.5	0.6	180.0	117.0	24.9	100.0	65.5	4.0	1.6	140.0	107.0	24.9	88.0	50.3	31.0	8.5	8.4	44.0	56.0	84.7	70.1	55.0	55.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	5
D-UV-030	RESOURCE RM 030	RESOURCE RM 030	VERTICAL	580	1,000	0.75	1400	1/2	77.7	2.5	0.6	180.0	116.0	27.0	99.0	65.9	4.0	1.6	140.0	106.0	27.0	88.0	51.4	32.3	9.0	9.6	44.0	55.0	84.4	69.8	55.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-032	FACULTY 032	FACULTY 032 / STORAGE 032.1 / STORAGE 032.4	VERTICAL	100	800	0.75	1400	1/2	37.0	1.0	0.1	180.0	104.0	58.4	101.0	27.7	1.3	0.2	140.0	95.0	58.4	90.0	33.4	22.6	5.0	3.2	44.0	57.0	79.4	66.1	54.0	54.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	4
D-UV-038	LANGUAGE OFFICE 038	LANGUAGE OFFICE 038 / STORAGE 036	VERTICAL	100	800	0.75	1400	1/2	37.0	1.0	0.1	180.0	104.0	58.4	101.0	27.7	1.3	0.2	140.0	95.0	58.4	90.0	33.4	22.6	5.0	3.2	44.0	57.0	79.4	66.1	54.0	54.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	3
D-UV-040	LANGUAGE LAB 040	LANGUAGE LAB 040	VERTICAL	590	1,000	0.75	1400	1/2	78.0	1.0	0.6	180.0	116.0	26.3	92.0	65.9	4.0	1.6	140.0	106.0	26.3	88.0	51.4	32.3	9.0	9.6	44.0	55.0	84.5	69.9	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-042	LANGUAGE 042	LANGUAGE 042	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-044	LANGUAGE 044	LANGUAGE 044	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-045	MECHANICAL RM 047.1	I.T. SERVICES 045 / I.T. REPAIR 047	VERTICAL	160	1,250	0.75	1400	3/4	56.8	1.5	0.3	180.0	117.0	58.2	100.0	37.5	1.5	0.3	140.0	89.0	58.2	85.0	51.5	35.0	8.5	6.5	44.0	56.0	79.4	66.1	54.0	54.0	120	1	14	PACKAGED	13	600	TEMPSPEC VUD1600	6
D-UV-046	LANGUAGE 046	LANGUAGE 046	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-048	SOCIAL STUDIES 048	SOCIAL STUDIES 048	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-053	MECHANICAL RM 047.1	STAFF DEVELOPMENT 053	VERTICAL	630	1,250	0.75	1400	3/4	88.7	2.5	0.7	180.0	107.0	32.2	97.0	75.6	4.0	1.8	140.0	102.0	32.2	89.0	62.3	39.3	9.5	12.4	44.0	57.0	83.5	69.2	55.0	55.0	120	1	14	PACKAGED	13	725	TEMPSPEC VUD1600	1,6
D-UV-120	COMPUTER LAB 120	COMPUTER LAB 120	VERTICAL	550	1,000	0.75	1400	1/2	76.6	2.5	0.6	180.0	117.0	29.1	100.0	64.6	4.0	1.6	140.0	107.0	29.1	89.0	51.4	32.3	9.0	9.6	44.0	55.0	84.1	69.6	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,3
D-UV-127.1	LIBRARY CONFERENCE 127.1	LIBRARY CONFERENCE 127.1	VERTICAL	320	800	0.75	1400	1/2	48.5	1.3	0.1	180.0	100.0	39.4	95.0	39.4	2.0	0.4	140.0	97.0	39.4	88.0	39.2	24.9	6.0	4.5	44.0	57.0	82.4	68.4	54.0	54.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	4
D-UV-128	AIS 128	AIS 128	VERTICAL	350	800	0.75	1400	1/2	54.0	1.5	0.2	180.0	106.0	36.8	99.0	36.8	2.0	0.4	140.0	96.0	36.8	87.0	39.2	24.9	6.0	4.5	44.0	57.0	82.4	68.4	54.0	54.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	4
D-UV-129	COMPUTER LAB 129	COMPUTER LAB 129	VERTICAL	620	1,235	0.75	1400	3/4	88.0	2.5	0.7	180.0	107.0	32.4	98.0	75.5	4.0	1.8	140.0	102.0	32.4	89.0	61.9	40.0	9.5	12.4	44.0	57.0	83.5	69.2	55.0	55.0	120	1	14	PACKAGED	13	725	TEMPSPEC VUD1600	1,4
D-UV-130	ENGLISH 130	ENGLISH 130	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-132	ENGLISH 132	ENGLISH 132	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-133	SPECIAL ED 133	SPECIAL ED 133 / STORAGE 131	VERTICAL	460	1,000	0.75	1400	1/2	67.0	2.0	0.4	180.0	111.0	35.3	97.0	58.8	3.5	1.2	140.0	106.0	35.3	89.0	47.9	30.7	8.0	7.7	44.0	56.0	83.1	68.9	55.0	55.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	4
D-UV-134	ENGLISH 134	ENGLISH 134	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-135	RESOURCE 135	RESOURCE 135	VERTICAL	320	800	0.75	1400	1/2	48.5	1.3	0.1	180.0	100.0	39.4	95.0	39.4	2.0	0.4	140.0	97.0	39.4	88.0	39.2	24.9	6.0	4.5	44.0	57.0	82.4	68.4	54.0	54.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	4
D-UV-136	ENGLISH 136	ENGLISH 136	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-137	SOCIAL STUDIES 137	SOCIAL STUDIES 137	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-138	ENGLISH 138	ENGLISH 138	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-139	SOCIAL STUDIES 139	SOCIAL STUDIES 139	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-140	RESOURCE 140	RESOURCE 140	VERTICAL	300	800	0.75	1400	1/2	48.0	1.3	0.1	180.0	101.0	41.1	96.0	41.8	2.0	0.4	140.0	97.0	41.1	89.0	39.2	24.9	6.0	4.5	44.0	57.0	82.4	68.4	54.0	54.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	4
D-UV-142	SPECIAL ED 142	SPECIAL ED 142	VERTICAL	550	850	0.75	1400	1/2	69.0	2.0	0.4	180.0	109.0	22.4	97.0	58.6	3.0	0.9	140.0	100.0	22.4	86.0	46.0	27.8	8.0	7.7	44.0	56.0	85.1	70.3	55.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-143	SOCIAL STUDIES 143	SOCIAL STUDIES 143	VERTICAL	540	800	0.75	1400	1/2	68.4	2.0	0.4	180.0	110.0	20.4	99.0	58.2	3.0	0.9	140.0	101.0	20.4	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-144	ENGLISH 144	ENGLISH 144	VERTICAL	570	950	0.75	1400	1/2	77.0	2.5	0.6	180.0	117.0	25.6	100.0	65.0	4.0	1.6	140.0	107.0	25.6	89.0	50.3	31.0	8.5	8.4	44.0	56.0	84.6	70.0	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-145	SPECIAL ED 145	SPECIAL ED 145	VERTICAL	550	800	0.75	1400	1/2	68.7	2.0	0.4	180.0	109.0	19.6	99.0	58.5	3.0	0.9	140.0	100.0	19.6	87.0	46.8	28.1	8.0	7.7	44.0	56.0	85.4	70.6	54.0	54.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-147	COMPUTER LAB 147	COMPUTER LAB 147	VERTICAL	570	1,000	0.75	1400	1/2	77.0	2.5	0.6	180.0	116.0	27.7	100.0	62.9	3.5	1.2	140.0	103.0	27.7	86.0	51.4	32.3	9.0	9.6	44.0	55.0	84.5	69.9	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-148	ENGLISH 148	ENGLISH 148	VERTICAL	550	1,000	0.75	1400	1/2	76.6	2.5	0.6	180.0	117.0	29.1	100.0	64.6	4.0	1.6	140.0	107.0	29.1	89.0	51.4	32.3	9.0	9.6	44.0	55.0	84.5	69.9	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-149	STORAGE 149	STORAGE 149	VERTICAL	240	800	0.75	1400	1/2	46.0	1.3	0.1	180.0	104.0	46.3	99.0	34.8	1.5	0.3	140.0	93.0	46.3	86.0	37.7	24.3	6.0	4.5	44.0	57.0	81.3	67.6	54.0	54.0	120	1	11	PACKAGED	13	300	TEMPSPEC VUD1200	4
D-UV-150	SOCIAL STUDIES 150	SOCIAL STUDIES 150	VERTICAL	550	1,000	0.75	1400	1/2	76.6	2.5	0.6	180.0	117.0	29.1	100.0	64.6	4.0	1.6	140.0	107.0	29.1	89.0	51.4	32.3	9.0	9.6	44.0	55.0	84.5	69.9	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-151	SOCIAL STUDIES 151	SOCIAL STUDIES 151	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-152	SOCIAL STUDIES 152	SOCIAL STUDIES 152	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-201	PHYSICS 201	PHYSICS 201	VERTICAL	1,180	1,800	0.75	1400	(2)1/2	140.7	3.5	1.5	180.0	97.0	21.8	94.0	126.2	6.0	4.3	140.0	97.0	21.8	86.0	89.0	56.3	9.5	14.2	44.0	63.0	85.2	70.4	57.0	57.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-203	CHEMISTRY 203	CHEMISTRY 203 / PREP 205	VERTICAL	1,260	1,900	0.75	1400	(2)1/2	143.8	3.5	1.5	180.0	95.0	20.6	91.0	132.8	6.5	5.0	140.0	98.0	20.6	86.0	92.8	58.6	10.0	15.6	44.0	63.0	85.4	70.5	57.0	57.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-206	BIOLOGY 206	BIOLOGY 206 / PREP 208	VERTICAL	1,160	1,800	0.75	1400	(2)1/2	140.1	3.5	1.5	180.0	98.0	22.5	94.0	122.2	5.5	3.7	140.0	95.0	22.5	85.0	89.0	56.3	9.5	14.2	44.0	63.0	85.1	70.3	57.0	57.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-207	CHEMISTRY 207	CHEMISTRY 207	VERTICAL	1,260	1,875	0.75	1400	(2)1/2	140.6	3.5	1.5	180.0	97.0	24.3	93.0	125.9	6.0	4.3	140.0	97.0	24.3	86.0	92.8	58.6	10.0	15.6	44.0	63.0	85.4	70.5	57.0	57.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-209	EARTH SCIENCE 209	EARTH SCIENCE 209	VERTICAL	1,200	1,850	0.75	1400	(2)1/2	141.7	3.5	1.5	180.0	97.0	22.2	93.0	127.4	6.0	4.3	140.0	97.0	22.2	86.0	90.3	57.0	9.5	14.2	44.0	63.0	85.1	70.4	57.0	57.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-210	BIOLOGY 210	BIOLOGY 210	VERTICAL	1,160	1,800	0.75	1400	(2)1/2	140.1	3.5	1.5	180.0	98.0	22.5	94.0	122.2	5.5	3.7	140.0	95.0	22.5	85.0	89.0	56.3	9.5	14.2	44.0	63.0	85.1	70.3	57.0	57.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-213	EARTH SCIENCE 213	EARTH SCIENCE 213	VERTICAL	1,140	1,750	0.75	1400	(2)1/2	139.1	3.5	1.5	180.0	98.0	22.1	95.0	121.2	5.0	3.7	140.0	95.0	22.1	86.0	85.8	53.8	9.5	12.9	44.0	63.0	85.2	70.4	57.0	56.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-214	BIOLOGY 214	BIOLOGY 214 / PREP 212	VERTICAL	1,160	1,800	0.75	1400	(2)1/2	140.1	3.5	1.5	180.0	98.0	22.5	94.0	122.2	5.5	3.7	140.0	95.0	22.5	85.0	89.0	56.3	9.5	14.2	44.0	63.0	85.1	70.3	57.0	57.0	120	1	19	PACKAGED	13	825	TEMPSPEC VUD2000	1,4
D-UV-216	MATH 216	MATH 216	VERTICAL	530	900	0.75	1400	1/2	66.9	2.0	0.4	180.0	111.0	30.1	99.0	56.2	3.0	0.9	140.0	102.0	30.1	88.0	46.2	28.9	9.0	6.9	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-218	MATH 218	MATH 218	VERTICAL	560	1,000	0.75	1400	1/2	77.0	2.5	0.6	180.0	117.0	28.4	99.0	62.5	3.5	1.2	140.0	104.0	28.4	86.0	51.4	32.3	9.0	9.6	44.0	55.0	84.5	69.9	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-224	MATH 224	MATH 224	VERTICAL	540	1,000	0.75	1400	1/2	76.0	2.5	0.6	180.0	117.0	29.7	100.0	60.4	2.5	0.8	140.0	91.0	29.7	85.0	50.9	31.8	9.0	9.6	44.0	55.0	83.9	69.5	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-226	MATH 226	MATH 226	VERTICAL	550	1,000	0.75	1400	1/2	76.6	2.5	0.6	180.0	117.0	29.1	100.0	64.6	4.0	1.6	140.0	107.0	29.1	89.0	51.4	32.3	9.0	9.6	44.0	55.0	84.5	69.9	55.0	55.0	120	1	11	PACKAGED	13	425	TEMPSPEC VUD1200	1,4
D-UV-227	MATH 227	MATH 227	VERTICAL	520	1,200	0.75	1400	3/4	76.0	2.0	0.5	180.0	101.0	37.1	96.0	69.9	3.5	1.4	140.0	99.0	37.1	88.0	59.1	38.6	9.5	7.9	44.0	56.0	82.8	68.7	55.0	55.0	120	1	14	PACKAGED	13	600	TEMPSPEC VUD1600	4
D-UV-228	MATH 228	MATH 228	VERTICAL	540	1,200	0.75	1400	3/4	77.0	2.0	0.5	180.0	101.0	36.0	95.0	69.9	3.5	1.4	140.0	99.0	36.0	88.0	59.1	38.6	9.5	7.9	44.0	56.0	82.8	68.7	55.0	55.0	120	1	14	PACKAGED	13	600	TEMPSPEC VUD1600	4

REMARKS

1. PROVIDE UNIT WITH FACE AND BYPASS.
2. PROVIDE UNIT WITH 6" DEEP PLENUM AND TOP DUCT COVER.
3. PROVIDE UNIT WITH 10" DEEP PLENUM AND TOP DUCT COVER.
4. PROVIDE UNIT WITH 14" DEEP PLENUM AND TOP DUCT COVER.
5. UNIT SHALL HAVE REAR RETURN AIR CONNECTION.
6. PROVIDE LITTLE GIANT VCMX-20, FACTORY WIRED IN UNIT VENTILATOR. PROVIDE WITH HARD WIRED INTERLOCK OVERFLOW DETECTION SWITCH.

BUFFER TANK SCHEDULE

TAG	LOCATION	SERVICE	DIMENSIONS (IN) HEIGHT	DIMENSIONS (IN) DIAMETER	TANK VOLUME (GAL)	DESIGN EQUIPMENT	REMARKS
D-BT-01	BOILER ROOM 024.1	D-CH-01	72	30	200	WESSELS CBT-200	1
D-BT-02	BOILER ROOM 024.1	D-CH-01	72	30	200	WESSELS CBT-200	1

REMARKS

1. UNIT SHALL OPERATE AT 35% PG.

AIR SEPARATOR SCHEDULE

TAG	LOCATION	SERVICE	FLOWRATE (GPM)	P.D. (FT)	CONNECTION SIZE (IN)	DESIGN EQUIPMENT	REMARKS
D-AS-01	BOILER ROOM 024.1	CHILLED WATER	318.0	3.41	5	B&G R-5F	
D-AS-02	BOILER ROOM 024.1	D-CH-01	318.2	3.60	5	B&G R-5F	1

REMARKS

1. UNIT SHALL OPERATE WITH 35% PG.

GLYCOL MAKE-UP UNIT SCHEDULE

TAG	LOCATION	SERVICE	TANK VOLUME (GAL)	ELECTRICAL V	ELECTRICAL PH	ELECTRICAL HP	DESIGN EQUIPMENT	REMARKS
D-GMU-01	BOILER ROOM 024.1	CHILLED WATER SYSTEM	50	120	1	1/2	WESSELS GMP-15050	1,2

REMARKS

1. PROVIDE UNIT WITH HIGH LEVEL ALARM AND PROTECTIVE SKIRT.
2. PROVIDE WITH LOW LEVEL ALARM.

EXPANSION TANK SCHEDULE

TAG	LOCATION	SERVICE	ACCEPTANCE VOLUME (GAL)	TANK VOLUME (GAL)	DIMENSIONS (IN) DIA	DIMENSIONS (IN) HEIGHT	CONNECTION	DESIGN EQUIPMENT	REMARKS
D-ET-01	BOILER ROOM 024.1	CHILLED WATER	158	142	30	65	3/4	B&G B600	
D-ET-02	BOILER ROOM 024.1	C-CH-01	26	23	20	31	3/4	B&G B100	1

REMARKS

1. UNIT SHALL OPERATE AT 35% PG.

PUMP SCHEDULE

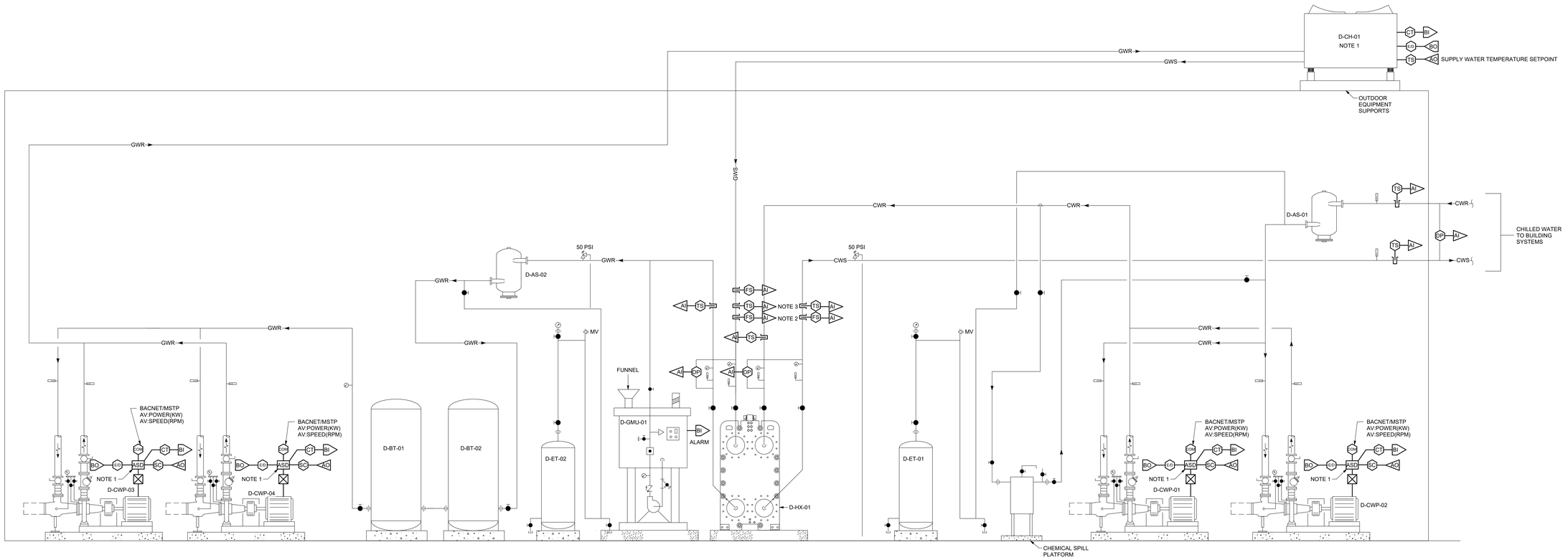
TAG	LOCATION	SERVICE	FLOW (GPM)	WPD (FT)	MAX WWP	RPM	BHP	EFF. (%)	PUMP TYPE	MOTOR DATA HP	RPM	V	PH	STARTER	DESIGN EQUIPMENT	REMARKS
D-CWP-01	BOILER ROOM 024.1	CHILLED WATER	318.0	115.0	175	1750	12.6	74.4	BASE	20	1,800	480	3	VFD BY EC	B&G e-1510 3EB	
D-CWP-02	BOILER ROOM 024.1	CHILLED WATER	318.0	115.0	175	1750	12.6	74.4	BASE	20	1,800	480	3	VFD BY EC	B&G e-1510 3EB	
D-CWP-03	BOILER ROOM 024.1	D-CH-01	318.2	75.0	175	1750	9.1	72.4	BASE	15	1,800	480	3	VFD BY EC	B&G e-1510 2.5BB	1,2
D-CWP-04	BOILER ROOM 024.1	D-CH-01	318.2	75.0	175	1750	9.1	72.4	BASE	15	1,800	480	3	VFD BY EC	B&G e-1510 2.5BB	1,2

REMARKS

1. UNIT SHALL OPERATE AT 35% PG.
2. PUMP MINIMUM FLOWRATE SHALL BE 251.4 GPM.

HEAT EXCHANGER SCHEDULE - WATER TO WATER

TAG	LOCATION	SERVICE	HOT SIDE FLUID	HOT SIDE MBH	HOT SIDE GPM	HOT SIDE WPD (FT)	HOT SIDE EWT(°F)	HOT SIDE LWT(°F)	COLD SIDE FLUID	COLD SIDE MBH	COLD SIDE GPM	COLD SIDE WPD (FT)	COLD SIDE EWT(°F)	COLD SIDE LWT(°F)	SURFACE AREA (SQFT)	DESIGN EQUIPMENT	REMARKS
A-HX-01	CHILLER ROOM	CHILLED WATER SYSTEM	WATER	1,930.4	318.0	12.6



NOTES:

1. INTEGRATE VFD'S AND CHILLERS ON BACNET NETWORK.
2. FLOW SWITCH SHALL BE PROVIDED BY THE CHILLER MANUFACTURER AND INSTALLED BY THIS CONTRACTOR.
3. SENSOR SHALL BE PROVIDED BY THE CHILLER MANUFACTURER AND INSTALLED BY THIS CONTRACTOR.

CHILLED WATER SYSTEM CONTROL POINTS LIST

POINT NAME	HARDWARE POINTS				SOFTWARE POINTS					NOTES
	BI	BO	AI	AO	AV	BV	SCH	TREND	DESCRIPTION	
PUMP D-CWP-01 STATUS	X							X		
PUMP D-CWP-01 ENABLE/DISABLE		X						X		
PUMP D-CWP-01 VSD SPEED CONTROL				X				X		
PUMP D-CWP-01 ALARM						X			BACNET MS/TP	
PUMP D-CWP-01 POWER(KW)					X			X	BACNET MS/TP	
PUMP D-CWP-01 SPEED(RPM)					X			X	BACNET MS/TP	
PUMP D-CWP-02 STATUS	X							X		
PUMP D-CWP-02 ENABLE/DISABLE		X						X		
PUMP D-CWP-02 VSD SPEED CONTROL				X				X		
PUMP D-CWP-02 ALARM						X			BACNET MS/TP	
PUMP D-CWP-02 POWER(KW)					X			X	BACNET MS/TP	
PUMP D-CWP-02 SPEED(RPM)					X			X	BACNET MS/TP	
PUMP D-CWP-03 STATUS	X							X		
PUMP D-CWP-03 ENABLE/DISABLE		X						X		
PUMP D-CWP-03 VSD SPEED CONTROL				X				X		
PUMP D-CWP-03 ALARM						X			BACNET MS/TP	
PUMP D-CWP-03 POWER(KW)					X			X	BACNET MS/TP	
PUMP D-CWP-03 SPEED(RPM)					X			X	BACNET MS/TP	
PUMP D-CWP-04 STATUS	X							X		
PUMP D-CWP-04 ENABLE/DISABLE		X						X		
PUMP D-CWP-04 VSD SPEED CONTROL				X				X		
PUMP D-CWP-04 ALARM						X			BACNET MS/TP	
PUMP D-CWP-04 POWER(KW)					X			X	BACNET MS/TP	
PUMP D-CWP-04 SPEED(RPM)					X			X	BACNET MS/TP	
CHILLED WATER TEMPERATURE SETPOINT					X					
CHILLER D-CH-01 STATUS	X							X		
CHILLER D-CH-01 ENABLE/DISABLE		X						X		
CHILLED WATER PRIMARY SUPPLY TEMPERATURE			X					X		
CHILLED WATER PRIMARY RETURN TEMPERATURE			X					X		
CHILLED WATER DIFFERENTIAL PRESSURE			X					X		
CHILLER D-CH-01 WATER SUPPLY TEMPERATURE			X					X		
CHILLER D-CH-01 WATER RETURN TEMPERATURE			X					X		
CHILLED WATER FLOW SENSOR			X							
DIFFERENTIAL PRESSURE SENSOR			X							
GLYCOL CHILLED WATER FLOW SENSOR			X							
D-GMU-01 ALARM	X									

1 CHILLED WATER SYSTEM CONTROL DIAGRAM
NTS

SEQUENCE OF OPERATIONS

A. CHILLED WATER SYSTEM SEQUENCE OF OPERATION

1. GENERAL
   a. THE NEW CHILLER PLANT CONSISTS OF ONE INDOOR HEAT EXCHANGER (D-HX-01) WITH (1) OUTDOOR AIR COOLED CHILLER D-CH-01.
   b. THE CHILLER IS SERVED BY A REDUNDANT PAIR OF PRIMARY WATER PUMPS, D-CWP-03 AND D-CWP-04.
   c. THE BUILDING IS SERVED BY A REDUNDANT PAIR OF SECONDARY WATER PUMPS, D-CWP-01 AND D-CWP-02.
   d. THE CHILLER MICROPROCESSOR IS TO BE DIRECTLY INTERFACED TO THE BMS USING BACNET PROTOCOL. THE SPECIFIED ENABLE / DISABLE AND STATUS CONTROL POINTS ON THE CONTROL DIAGRAMS ARE TO BE HARD WIRED. CHILLED WATER CONTROL SET POINT MAY BE PERFORMED VIA THE BACNET INTERFACE. ADDITIONAL INFORMATION DIRECTLY AVAILABLE FROM THE MICROPROCESSOR (INCLUDING BUT NOT LIMITED CHILLER DIGITAL SCROLL PERCENTAGE TO ALARMING) TO BE DISPLAYED ON THE GRAPHICAL INTERFACE SHALL BE FURTHER SPECIFIED TO THE CONTRACTOR BASED UPON THE DOCUMENTATION SUBMITTED AND APPROVED FOR THE CHILLER TO BE INSTALLED.
   e. BOTH SYSTEM PUMP VARIABLE SPEED DRIVES ARE TO BE DIRECTLY INTERFACED TO THE BMS. THE SPECIFIED ENABLE / DISABLE, STATUS, AND ANALOG SPEED TRACKING SIGNALS ARE TO BE HARD WIRED POINTS. IN ADDITION TO THIS DATA, THE GRAPHICAL INTERFACE SHALL DISPLAY KW AND ACTUAL OPERATING SPEED (HZ) OBTAINED VIA THE BACNET INTERFACE. ANY ADDITIONAL DATA FIELDS TO BE PROVIDED SHALL BE FURTHER SPECIFIED BASED ON THE DOCUMENTATION SUBMITTED AND APPROVED FOR THE VARIABLE SPEED DRIVES TO BE INSTALLED.
2. PRIMARY LOOP TEMPERATURE CONTROL
   a. THE LOOP TEMPERATURE SETPOINT SHALL BE CONTINUOUSLY RESET AGAINST OUTDOOR AIR TEMPERATURE. WHEN THE OUTDOOR AIR TEMPERATURE IS EQUAL TO THE CHILLER SYSTEM LOCKOUT TEMPERATURE, THE SETPOINT SHALL BE 50 DEGREES. WHEN THE OUTDOOR AIR TEMPERATURE IS EQUAL TO 85°F, THE SETPOINT SHALL BE 42°F. ALL FOUR POINTS SHALL BE MADE AVAILABLE TO THE OPERATOR ON THE WORKSTATION FOR DYNAMIC TUNING TO BUILDING REQUIREMENTS.
3. SECONDARY PUMPS: D-CWP-03 / D-CWP-04
   a. PUMP OPERATION:
      1. ON A CALL FOR BUILDING LOOP OPERATION, THE LEAD PUMP SHALL BE ENABLED AND MODULATE TO CONTROL FOR LOOP PRESSURE SET POINT AS MEASURED AT THE REMOTELY LOCATED LOOP DIFFERENTIAL SENSOR.
      2. IN THE EVENT THAT THE LEAD PUMP FAILS TO OPERATE, THE LAG/BACKUP PUMP SHALL BE ENABLED IN CONJUNCTION WITH THE LEAD AND AN ALARM PROVIDED AT THE OPERATOR 'S CONSOLE. THE LAG/BACKUP PUMP SHALL THEN MODULATE TO MAINTAIN LOOP TEMPERATURE SET POINT.
      3. IN THE EVENT THAT THE LEAD PUMP RE-ESTABLISHES OPERATION, THE LAG/BACKUP PUMP SHALL BE DISABLED AND THE LEAD PUMP SHALL MODULATE TO MAINTAIN LOOP TEMPERATURE SET POINT. A PUMP RESTORED NOTIFICATION SHALL BE PROVIDED TO THE OPERATOR'S CONSOLE.
      4. ON EACH SUBSEQUENT RESTART OF THE SECONDARY LOOP, THE PUMP WITH THE LEAST RUN HOURS SHALL BE ENABLED TO EQUALIZE RUN TIME
      5. PUMP VFD'S SHALL MODULATE TO MAINTAIN DIFFERENTIAL PRESSURE SENSOR SET POINT AS DETERMINED DURING BALANCING (ADJ.).
      6. LOOP PRESSURE SETPOINT SHALL BE ADJUSTED ON AN OUTDOOR AIR RESET SCHEDULE. INITIAL VALUES SHALL BE 67% OF DESIGN LEVEL SETPOINT AT CHILLER LOCKOUT TEMPERATURE, 100% OF DESIGN (TAB DETERMINED) SETPOINT AT 80 DEGREES OUTDOOR AIR TEMPERATURE.
4. PRIMARY PUMPS: D-CWP-01 / D-CWP-02
   a. PUMP OPERATION:
      1. ON A CALL FOR PRIMARY LOOP OPERATION, THE PRIMARY LOOP LEAD PUMP SHALL BE ENABLED AND MODULATE TO CONTROL FOR CHILLER MINIMUM FLOWRATE.
      2. IN THE EVENT THAT THE LEAD PUMP FAILS TO OPERATE, THE LAG/BACKUP PUMP SHALL BE ENABLED IN CONJUNCTION WITH THE LEAD AND AN ALARM PROVIDED AT THE OPERATOR 'S CONSOLE. THE LAG/BACKUP PUMP SHALL THEN MODULATE TO MAINTAIN LOOP TEMPERATURE SET POINT.
      3. IN THE EVENT THAT THE LEAD PUMP RE-ESTABLISHES OPERATION, THE LAG/BACKUP PUMP SHALL BE DISABLED AND THE LEAD PUMP SHALL MODULATE TO MAINTAIN LOOP TEMPERATURE SET POINT. A PUMP RESTORED NOTIFICATION SHALL BE PROVIDED TO THE OPERATOR'S CONSOLE.
      4. ON EACH SUBSEQUENT RESTART OF THE PRIMARY LOOP, THE PUMP WITH THE LEAST RUN HOURS SHALL BE ENABLED TO EQUALIZE RUN TIME
      5. PUMP VFD'S SHALL MODULATE TO MAINTAIN PRIMARY (CHILLER LOOP) CHILLED WATER TEMPERATURE SETPOINT IN CONJUNCTION WITH THE ASSOCIATED CHILLER BY COMPRESSURE STAGING.
      6. CHILLED WATER PUMPS SHALL MAINTAIN CHILLER MINIMUM FLOWRATE AS SETUP BY THE BALANCING CONTRACTOR . IF MINIMUM FLOW CANNOT BE OBTAINED, REFER TO CHILLER SYSTEM SHUTDOWN AND PROVIDE AN ALARM AT THE OPERATORS WORKSTATION.
      7. CHILLED WATER PUMPS SHALL MAINTAIN CHILLED WATER SYSTEM MINIMUM FLOWRATE AS SETUP BY THE BALANCING CONTRACTOR BASED UPON DIFFERENTIAL PRESSURE AND FLOW SENSOR VALVES. IF MINIMUM FLOW CANNOT BE OBTAINED, REFER TO CHILLER SYSTEM SHUTDOWN AND PROVIDE AN ALARM AT THE OPERATORS WORKSTATION.
   b. PRIMARY PUMP ROTATION AND FAILURE BACKUP
      1. THE OPERATING PRIMARY PUMP SHALL AUTOMATICALLY BE ROTATED LEAD TO LAG ON SUBSEQUENT STARTUP OF THE CHILLED WATER SYSTEM.
      2. ON FAILURE OF THE OPERATING PRIMARY PUMP, ANY OPERATING CHILLERS SHALL BE IMMEDIATELY DISABLED.
5. PUMP ROTATION AND FAILURE BACKUP
   1. THE OPERATING PUMP SHALL AUTOMATICALLY BE ROTATED LEAD TO LAG ON SUBSEQUENT STARTUP OF THE CHILLED WATER SYSTEM.
   2. ON FAILURE OF THE OPERATING PRIMARY PUMP, ANY OPERATING CHILLERS SHALL BE IMMEDIATELY DISABLED. THE LAG CHILLER ISOLATION VALVE SHALL BE CLOSED, LEAD REMAINING OPEN. THE LAG PRIMARY PUMP SHALL INCREMENT TO SINGLE CHILLER OPERATION, AND THE CHILLER SEQUENCING SHALL RE-START PER SINGLE CHILLER OPERATING MODE
6. CHILLER SYSTEM SHUTDOWN
   a. ON A CALL TO SHUT DOWN THE CHILLED WATER SYSTEM BASED ON OUTDOOR AIR LOCKOUT OR SCHEDULES, THE CHILLERS SHALL BE DISABLED FIRST.
   b. AFTER A 5 MINUTE TIME DELAY, THE PRIMARY PUMP SHALL BE DISABLED
7. WINTER OPERATION:
   A. BELOW 32 DEF F (ADJ), THE CHILLER SHALL BE DISABLED. D-CWP-01/D-CWP-02 SHALL OPERATE AT 100 GPM(ADJ). D-CWP-03/CWP-04 SHALL OPERATE AT 20 HZ (ADJ).

king+king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

CONTROL DIAGRAMS - HVAC

D H5.03

COMMON ELEMENTS

GENERAL

a. SPACES WITH MULTIPLE SPACE TEMPERATURE SENSORS SHALL CALCULATE AN AVERAGE SPACE TEMPERATURE TO BE USED FOR OPERATION OF THE SYSTEM(S).

b. DURING OCCUPIED TIMES, ALL VENTILATION EQUIPMENT SHALL OPERATE AT NO LESS THAN MINIMUM OUTSIDE AIR VENTILATION RATE, SUBJECT TO SEQUENCE EMERGENCY AND FAILURE MODE OPERATIONS DESCRIBED WITHIN THE CONTRACT DOCUMENTS.

c. ALL CONTROL PARAMETERS NOTED WITHIN THIS SEQUENCE ARE TO BE USER ADJUSTABLE AND SHALL BE FINE-TUNED FOR BEST OPERATION DURING SYSTEM STARTUP, TEST AND BALANCE, AND FUNCTIONAL PERFORMANCE TESTING. ALL ALARMS SHALL BE PROVIDED AT THE OPERATOR 'S WORKSTATION AND COORDINATED WITH OWNER 'S NEEDS FOR CRITICAL ALARMS, SUCH AS PAGERS, TEXT MESSAGING, ETC.

d. SHUTDOWN OF AIR HANDLING UNITS AND FANS DUE TO A FIRE ALARM SHALL BE BY DIVISION 26. THE FIRE ALARM SYSTEM COMMON ALARM CONDITION SHALL BE MONITORED BY THE BMS FOR MONITORING PURPOSES ONLY. THE BMS WILL PROVIDE AN ORDERLY SHUTDOWN ON ALARM, AND STAGGERED RESTART OF THE EQUIPMENT ONCE THE ALARM IS CLEARED.

e. ALL GLOBAL SYSTEM POINTS (TYPICALLY OUTDOOR AIR TEMPERATURE, HUMIDITY AND / OR CO2, REFER TO CONTROL DIAGRAMS AND POINT MATRICES FOR ADDITIONAL INFORMATION) SHALL BE INTEGRATED INTO CONTROLLER OPERATION THROUGH USE OF DEFINED ANALOG VARIABLES RATHER THAN DIRECT NETWORK POINT REFERENCE. THE ANALOG VARIABLES SHALL BE UPDATED AT AN ADJUSTABLE RATE, INITIALLY ONCE EVERY 120 SECONDS, AND SHALL BE CAPABLE OF BEING OVERRIDDEN ON AN INDIVIDUAL CONTROLLER BASIS TO FACILITATE SYSTEM COMMISSIONING AND MANUAL SYSTEM OPERATION.

ISOLATION DAMPER CONTROL:

a. EQUIPMENT WITHOUT VARIABLE SPEED DRIVES: THE BMS SHALL COMMAND THE ISOLATION DAMPER OPEN. THE DAMPER ACTUATOR END SWITCH SHALL MAKE ONCE THE DAMPER IS FULLY OPENED, COMPLETING THE STARTER CIRCUIT AND ENABLING EQUIPMENT OPERATION. THIS SHALL BE WIRED SUCH THAT THE FAN(S) WILL NOT START IN HAND, AUTOMATIC OR BYPASS WITHOUT THE DAMPER BEING PROVEN OPEN.

b. EQUIPMENT WITH VARIABLE SPEED DRIVES: THE BMS SHALL COMMAND THE VFD "RUN ENABLE" DIGITAL INPUT. IF NO VFD OR SAFETY INTERLOCK ERRORS / LOCKOUTS ARE IN PLACE, THE VFD "DRIVE READY" OUTPUT RELAY SHALL MAKE, ROTATING THE ISOLATION DAMPER OPEN. THE DAMPER ACTUATOR END SWITCH SHALL MAKE ONCE THE DAMPER IS FULLY OPENED, COMPLETING THE VFD SECONDARY SAFETY INTERLOCK CIRCUIT AND ENABLING EQUIPMENT OPERATION. THIS SHALL BE WIRED SUCH THAT THE FAN(S) WILL NOT START IN HAND, AUTOMATIC OR BYPASS WITHOUT THE DAMPER BEING PROVEN OPEN.

c. EQUIPMENT WITH MULTIPLE ISOLATION DAMPERS: SEQUENCE SHALL BE PER ABOVE, WITH THE EXCEPTION THAT ALL DAMPER END SWITCHES ASSOCIATED WITH ISOLATION SHALL BE WIRED IN SERIES SUCH THAT ALL DAMPERS MUST BE OPEN FOR THE EQUIPMENT TO OPERATION AND FAILURE OF ANY DAMPER TO OPEN WILL KEEP THE SYSTEM OFFLINE.

d. EQUIPMENT WITH MULTIPLE ISOLATED FANS ("FAN ARRAYS"): SEQUENCE SHALL BE PER ABOVE, WITH THE EXCEPTION THAT MANUAL START BY THE BMS OR LOCAL VFD OPERATION OF ANY FAN SHALL INITIATE ROTATION OF THE ISOLATION DAMPERS, AND WHEN ALL DAMPERS ARE ROTATED THE SECONDARY INTERLOCK OF ALL VFD'S SHALL BE COMPLETED ALLOWING MANUAL START OF ALL REMAINING FANS AT THE OPERATOR 'S DISCRETION.

SPACE TEMPERATURE SETPOINTS SHALL BE AS FOLLOWS:

a. OCCUPIED MODE:
   a. 75ºF (ADJ) COOLING SETPOINT
   b. 70ºF (ADJ) HEATING SETPOINT

b. UNOCCUPIED MODE (NIGHT SETBACK):
   a. 85ºF (ADJ) COOLING SETPOINT
   b. 55ºF (ADJ) HEATING SETPOINT

AHU / RTU / UV CALCULATED LEAVING AIR TEMPERATURE RESET CALCULATION:

a. THE DISCHARGE AIR TEMPERATURE SET POINT SHALL BE CONTINUOUSLY RESET BASED ON A PI LOOP COMPARING SPACE TEMPERATURE AGAINST THE HEATING AND COOLING SPACE TEMPERATURE SET POINTS.

1. WHENEVER THE SPACE TEMPERATURE IS BETWEEN THE HEATING AND COOLING SPACE TEMPERATURE SET POINTS, THE LEAVING AIR TEMPERATURE SET POINT SHALL BE EQUAL TO THE SPACE TEMPERATURE CONDITIONS.

2. AS THE SPACE TEMPERATURE FALLS BELOW THE HEATING SPACE TEMPERATURE SET POINT, THE PI ALGORITHM SHALL RESET THE LEAVING AIR TEMPERATURE SET POINT FROM A MINIMUM LEVEL EQUAL TO THE SPACE TEMPERATURE TO A MAXIMUM EQUAL TO THE COIL SCHEDULED LEAVING AIR CONDITION.

3. AS THE SPACE TEMPERATURE RISES ABOVE THE COOLING SPACE TEMPERATURE SET POINT, THE PI ALGORITHM SHALL RESET THE LEAVING AIR TEMPERATURE SET POINT FROM A MAXIMUM LEVEL EQUAL TO THE SPACE TEMPERATURE DOWN TO A MINIMUM OF 54°F.

SAFETIES:

a. AIR HANDLERS EQUIPPED WITH SMOKE DETECTORS IN THE SUPPLY AND/OR RETURN DUCTWORK, AND A FREEZESTAT DOWNSTREAM OF THE HEATING COIL. ALL SAFETY DEVICES SHALL BE HARD WIRED IN SERIES THROUGH THE "DRIVE INHIBIT"(OR SAFETY INTERLOCK IF AVAILABLE) VFD INPUTS OF BOTH SUPPLY AND RETURN FANS TO SHUT THEM DOWN IMMEDIATELY ON SAFETY TRIP. AN AUXILIARY CONTACT ON ALL DEVICES SHALL BE MONITORED INDIVIDUALLY TO PROVIDE SPECIFIC TRIP INFORMATION AT THE OPERATOR'S CONSOLE. ON TRIP OF ANY SAFETY DEVICE, ALL PID LOOPS SHALL AUTOMATICALLY ENTER SHUTDOWN MODE. ON MANUAL (FIELD) RESET OF THE SAFETY DEVICE(S), THE FAN PID LOOPS SHALL RAMP UP, FOLLOWED BY THE LOOPS CONTROLLING THE BALANCE OF THE AIR HANDLING SYSTEM IN THE ORDER DESCRIBED IN THE STARTUP SEQUENCE. PROGRAMMING SHALL PRECLUDE THE "WIND UP" OF PID LOOPS DURING SHUTDOWN CONDITIONS.

GLOBAL SENSORS:

a. EXCEPT WHERE SHOWN TO THE CONTRARY ON THE CONTRACT DOCUMENTS, A SINGLE SET OF OUTDOOR TEMPERATURE, HUMIDITY AND CARBON DIOXIDE (CO2) SENSORS SHALL BE UTILIZED AS "GLOBAL SENSORS" FOR HVAC EQUIPMENT OUTSIDE AIR TEMPERATURE, HUMIDITY AND CARBON DIOXIDE VALUES.

OPTIMIZED SYSTEM STARTUP:

a. ALL EQUIPMENT OVER 1,000 CFM SHALL USE AN OPTIMIZED STARTUP WITH ASSOCIATED MORNING WARMUP / COOL DOWN ROUTINE.

b. ALL EQUIPMENT UNDER 1,000 CFM SHALL USE SIMPLE OCCUPIED / UNOCCUPIED SCHEDULING WITH ADEQUATE PRE-START TO ACHIEVE OCCUPIED TEMPERATURE SETPOINTS PRIOR TO OCCUPIED TIME.

c. WARM-UP MODE – OPTIMIZED STARTUP:
1. THE BMS SHALL CALCULATE THE REQUIRED WARM-UP TIME BASED ON EACH ZONE 'S OCCUPIED HEATING SET POINT, THE CURRENT ZONE TEMPERATURE, THE OUTDOOR AIR TEMPERATURE, AND A MASS/CAPACITY FACTOR. THE MASS FACTOR SHALL BE TUNED BY THE BMS. WARM-UP MODE SHALL START BASED ON ZONE WITH THE LONGEST CALCULATED WARM-UP REQUIREMENT, BUT NO LESS THAN 30 MINUTES PRIOR TO SCHEDULED OCCUPANCY.
2. SUPPLY FAN SHALL OPERATE AT MAXIMUM FLOW FOR VARIABLE VOLUME SINGLE ZONE UNITS, OR CONTROL TO DUCT STATIC PRESSURE FOR VAV SYSTEMS.
3. THE ECONOMIZER DAMPER (AS APPLICABLE) SHALL BE POSITIONED TO 100% RETURN AIR [SUBJECT TO THE REQUIREMENTS OF DEMAND CONTROLLED VENTILATION PRE-PURGE].
4. WHERE SUPPLY TO RETURN FAN CFM TRACKING IS SPECIFIED, THE RETURN FAN SHALL REVERT TO A FIXED PERCENTAGE SPEED OF SUPPLY DURING WARMUP OPERATION DURING 100% RETURN AIR OPERATION. WHERE RELIEF/EXHAUST FANS ARE SPECIFIED, THESE SHALL REMAIN DISABLED.
5. LEAVING AIR TEMPERATURE SETPOINT SHALL BE FIXED TO 85 °F UNTIL ALL SYSTEM SPACE TEMPERATURE SENSORS REACH OCCUPIED HEATING SETPOINT, AT WHICH TIME THE UNIT SHALL ENTER NORMAL OCCUPIED OPERATION.
6. UPON COMPLETION OF THE WARMUP CYCLE, AS INDICATED BY ALL SPACE SENSORS REACHING WITHIN 1 °F OF HEATING SPACE TEMPERATURE SETPOINT, THE UNIT SHALL SWITCH TO OCCUPIED MODE OPERATION.

d. COOL-DOWN MODE:
1. THE BMS SHALL CALCULATE THE REQUIRED COOL-DOWN TIME BASED ON EACH ZONE 'S OCCUPIED COOLING SET POINT, THE CURRENT ZONE TEMPERATURE, THE OUTDOOR AIR TEMPERATURE, AND THE MASS/CAPACITY FACTOR. THE MASS FACTOR SHALL BE TUNED BY THE BMS. COOL-DOWN MODE SHALL START BASED ON THE ZONE WITH THE LONGEST CALCULATED COOL-DOWN TIME REQUIREMENT, BUT NO LESS THAN 30 MINUTES PRIOR TO SCHEDULED OCCUPANCY.
2. THE LEAVING AIR TEMPERATURE SET POINT SHALL BE 55°F, AND THE ECONOMIZER AND COOLING COIL (WHERE APPLICABLE) SHALL BE CONTROLLED IN SEQUENCE, SUBJECT TO ECONOMIZER LOCKOUT CONTROL, TO MAINTAIN A 55°F LEAVING AIR TEMPERATURE.
3. SUPPLY FAN SHALL OPERATE AT MAXIMUM FLOW FOR VARIABLE VOLUME SINGLE ZONE UNITS, OR CONTROL TO DUCT STATIC PRESSURE FOR VAV SYSTEMS.
4. ECONOMIZER COOLDOWN IS NOT AVAILABLE - WHERE SUPPLY TO RETURN FAN CFM TRACKING IS SPECIFIED, THE RETURN FAN SHALL REVERT TO A FIXED PERCENTAGE SPEED OF SUPPLY. WHERE RELIEF/EXHAUST FANS ARE SPECIFIED, THESE SHALL REMAIN DISABLED. MINIMUM VENTILATION RATE SHALL BE SET TO ZERO.
5. ECONOMIZER COOLING IS AVAILABLE – MINIMUM VENTILATION RATE SHALL BE SET PER OCCUPIED MODE. FAN TRACKING (RETURN AND / OR EXHAUST/RELIEF) TO OPERATE PER OCCUPIED MODE
6. UPON COMPLETION OF THE COOL-DOWN CYCLE, AS INDICATED BY ALL SPACE SENSORS REACHING WITHIN 1 °F OF COOLING SPACE TEMPERATURE SETPOINT, UNIT OPERATION SHALL SWITCH TO OCCUPIED MODE OPERATION.

DEMAND CONTROL VENTILATION (DCV):

a. THE CO_2 LEVEL SHALL BE MEASURED USING BOTH SPACE CO_2 SENSOR(S) AS LOCATED ON THE PROJECT DRAWINGS AND A RETURN AIR CO_2 SENSOR. THE SPACE CO_2 SENSOR(S) AND RETURN AIR CO_2 SENSOR SHALL BE CONTINUOUSLY MONITORED, AND THE SENSOR WITH THE HIGHEST READING FOR THE UNIT UNDER CONTROL SHALL BE DEFINED AS THE "CONTROL CO_2 LEVEL."

b. THE HVAC SYSTEM SEQUENCE OF OPERATION FOR NORMAL THERMAL CONTROL IS UNCHANGED BY INCORPORATION OF THE DCV SEQUENCE BELOW. DCV REPRESENT A FUNCTION THAT RECALCULATED THE MINIMUM VENTILATION RATE IN ORDER TO MAINTAIN CO2 LEVELS WITHIN DESIRED LEVELS.

c. DURING OCCUPIED MODES THE OUTSIDE AIR DAMPER SHALL NEVER BE POSITIONED BELOW THE "CALCULATED OA VENTILATION REQUIREMENT." "CALCULATED OA VENTILATION REQUIREMENT" SHALL BE EQUAL TO THE SCHEDULED "DCV MIN OA" RATE PLUS ADDITIONAL OUTSIDE AIR VOLUME TO MAINTAIN AN INTERIOR CO_2 CONCENTRATION.

d. OUTSIDE AIR AMBIENT CO_2 CONCENTRATION SHALL BE BASED ON ACTUAL MEASURED VALUES. IN THE EVENT OF AN OUTDOOR AIR CO_2 SENSOR FAILURE, AN ALARM SHALL BE ANNUNCIATED AT THE OPERATOR 'S CONSOLE AND THE CALCULATION SHALL DEFAULT TO A VALUE OF 400 PPM TO ALLOW CONTINUED OPERATION OF THE DCV SEQUENCE.

e. CO_2 TREND MONITORING: TREND OUTSIDE, RETURN AIR AND SPACE AIR CO_2 LEVELS AT FIFTEEN (15) MINUTE INTERVALS. THREE YEARS OF RECORDS SHALL BE MAINTAINED IN THE DDC SYSTEM AT ALL TIMES.

f. THE CALCULATED OA VENTILATION REQUIREMENT: SHALL BE DYNAMICALLY CALCULATED USING THE CONTROL CO_2 LEVEL AND OUTDOOR AIR CO_2 MEASUREMENTS. IF THE CONTROL CO_2 LEVEL IS LESS OR EQUAL TO 100 PPM ABOVE OUTSIDE AIR CO_2 LEVEL THE CALCULATED OA VENTILATION REQUIREMENT SHALL BE EQUAL TO THE DCV MIN OA VALUE. AS THE CONTROL CO2 LEVEL RISES FROM 100 PPM ABOVE AMBIENT CONDITIONS TO A LEVEL OF 400PPM ABOVE AMBIENT, THE SYSTEM SHALL DYNAMICALLY RESET THE CALCULATED OA VENTILATION REQUIREMENT BETWEEN THE SCHEDULED "DCV MIN OA" AND "MIN OA" VALUES.

g. THE DDC SYSTEM SHALL CONTROL THE OUTDOOR AIR INTAKE VOLUME AT NO LESS THAN THE CALCULATED OA VENTILATION REQUIREMENT BY MODULATING THE RETURN AND OUTSIDE AIR DAMPERS.

h. IF THE DDC SYSTEM DETERMINES THAT IT IS BENEFICIAL TO USE ADDITIONAL OUTSIDE AIR FOR VENTILATION ("ECONOMIZER") COOLING, THEN IT SHALL OVERRIDE THE DEMAND-CONTROLLED VENTILATION ALGORITHM TO MODULATE THE DAMPERS TO AN INCREASED OPEN POSITION AS REQUIRED.

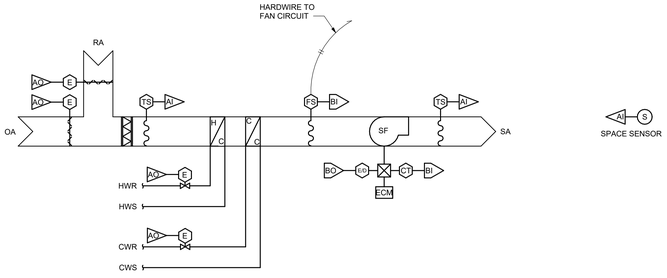
i. DEMAND CONTROLLED VENTILATION SHALL BE INTEGRATED WITH OPTIMUM STARTUP SUCH THAT OPTIMUM START SHALL BE NO LESS THAN A 30-MINUTE INTERVAL, AND DURING THE FINAL 30 MINUTES THE VENTILATION RATE SHALL BE SET TO NO LESS THAN "MIN OA" (AREA PRE-PURGE)

j. SCHEDULED / OPTIMUM SHUTDOWN SHALL BE INTEGRATED WITH THE DEMAND-CONTROLLED VENTILATION SUCH THAT THE VENTILATION RATE SHALL BE SET TO NO LESS THAN "MIN OA" FOR A SUFFICIENT PERIOD SUCH THAT THE CONTROL CO2 LEVEL FALLS TO BELOW 100PPM ABOVE AMBIENT LEVELS (AREA POST-PURGE).

k. EXTENDED COMMISSIONING: PROVIDE A MINIMUM OF ONE (1) YEAR EXTENDED COMMISSIONING TO CHECK THE CALIBRATION OF CO2 SENSORS AND TO MONITOR AND TEST CO2 LEVELS TO ENSURE THAT REQUIRED PER-PERSON VENTILATION RATES ARE ACHIEVED AND MAINTAINED.

UNITS UTILIZING A2L REFRIGERANTS:

a. ALL UNITS UTILIZING A2L REFRIGERANTS SHALL BE PROVIDED WITH REFRIGERANT LEAK DETECTION/SAFETY CONTROLS BY THE UNIT MANUFACTURER. THE PACKAGED REFRIGERANT CONTROLS SHALL INCLUDE ALL NECESSARY CONTROLS, SENSORS, CONTACTS, ETC. AS REQUIRED TO COMPLY WITH 2022 ASHRAE 15, SAFETY STANDARD FOR REFRIGERATION SYSTEMS.
b. ANY ALARMS/CONTACTS INCLUDED WITH THE PACKAGED ROOFTOP UNIT REFRIGERANT LEAK DETECTION/SAFETY CONTROLS AVAILABLE FOR INTEGRATION INTO THE BMS SHALL BE INCORPORATED TO ALLOW FOR ALARMS/EMERGENCY MESSAGES TO BE SENT TO THE OPERATOR 'S WORKSTATION.

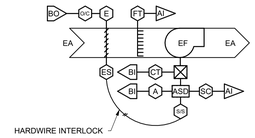


FAN COIL UNIT CONTROL POINTS LIST	HARDWARE POINTS				SOFTWARE POINTS				NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	TREND	ALARM	
SPACE TEMPERATURE			X				X	+/- 3 DEG F FROM SETPOINT	
SUPPLY AIR TEMPERATURE			X				X		
MIXED AIR TEMPERATURE			X				X	<35 DEG F (ADJ.)	
SUPPLY FAN STATUS	X						X	MOTOR FAILURE	
SUPPLY FAN ENABLE/DISABLE		X					X	STATUS NOT EQUAL TO COMMAND	
FREEZESTAT STATUS	X							FREEZESTAT FAN SHUTDOWN	
HOT WATER CONTROL VALVE				X			X		
CHILLED WATER CONTROL VALVE				X			X		
RETURN AIR DAMPER CONTROL				X			X		
OUTDOOR AIR DAMPER CONTROL				X			X		

2 FAN COIL UNIT - HW/CW - CONTROL DIAGRAM
NTS

SEQUENCE OF OPERATIONS

FAN COIL UNITS – HOT WATER / CHILLED WATER:
A. ASSOCIATED SPACE EQUIPMENT INCLUDES:
   a. CHILLED WATER / HOT WATER
B. WARM-UP MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. SYSTEM SHALL OPERATE AS DESCRIBED IN UNOCCUPIED HEATING MODE WITH TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
C. COOL-DOWN MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
   C. NO OUTSIDE AIR EXCEPT AS REQUIRED FOR ECONOMIZER COOLING.
D. OCCUPIED MODE:
   a. FAN COIL UNITS
      1. FAN:
         A. ENABLE CONTINUOUSLY DURING OCCUPIED PERIODS
         B. CYCLE DURING UNOCCUPIED SETUP / SETBACK
      2. OUTSIDE AIR DAMPER:
         A. OPEN TO MAINTAIN OUTSIDE AIR QUANTITY AS SCHEDULED BASED ON OPERATING MODE (COOLING VS HEATING / VENTILATING), OUTSIDE AIR DAMPER SHALL NEVER BE POSITIONED BELOW THIS MINIMUM EXCEPT IN CASE OF EMERGENCY.
         B. MODULATE OUTSIDE AIR DAMPER BEYOND SCHEDULED MINIMUM POSITION AS FOLLOWS:
            1. MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
            2. OUTDOOR AIR (ECONOMIZER) COOLING SHALL BE OPERATED IN SEQUENCE WITH HEATING WITHOUT OVERLAP.
      3. HEATING OPERATION:
         A. FAN SPEED TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
         B. OUTDOOR AIR DAMPER MAINTAINED AT HEATING / VENTILATION MINIMUM POSITION.
         C. CONTROL VALVE SHALL MODULATE TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
      4. COOLING OPERATION
         a. FAN TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
         B. CHILLED WATER - WHEN THERE IS A CALL FOR COOLING AND THE OUTSIDE AIR TEMPERATURE IS BELOW THE ECONOMIZER CHANGEOVER VALUE, ECONOMIZER COOLING SHALL BE USED AS INITIAL COOLING STAGE CAPACITY. ON A FURTHER CALL FOR COOLING TO ACHIEVE CALCULATED LEAVING AIR TEMPERATURE SETPOINT, CHILLED WATER IS TO BE USED AS "TRIM" CAPACITY. WHEN THERE IS A CALL FOR COOLING AND THE OUTDOOR AIR TEMPERATURE IS ABOVE THE ECONOMIZER LOCKOUT, THE CW SHALL BE ENABLED AND MODULATED TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE, ECONOMIZER SHALL BE FIXED TO MINIMUM VENTILATION POSITION
E. MODULATING RELIEF FAN (WHERE SHOWN OR CALLED FOR)
   a. REFER TO "MULTIPLE CLASSROOM RELIEF FAN CONTROL DIAGRAM - VARIABLE VOLUME"
F. UNOCCUPIED MODE:
   A. FAN COIL UNITS
      1. FAN:
         A. START AND STOP TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE SET POINT.
      2. HEATING COIL CONTROL VALVE:
         A. WHEN UNIT IS ENABLED FOR SETBACK OPERATION, OPEN FULLY.
         B. WHEN UNIT IS DISABLED AND OUTDOOR AIR TEMPERATURE IS BELOW 25 DEGREES, VALVE SHALL BE MODULATED TO MAINTAIN MIXED AND LEAVING AIR TEMPERATURE SENSORS ABOVE 65 DEGREES.
      3. ECONOMIZER:
         A. CLOSED TO OUTDOOR AIR WHEN THE UNIT IS DISABLED.
         B. ECONOMIZER OPERATION TO BE PROVIDED DURING UNOCCUPIED COOLING WHEN AVAILABLE. DX AND CHILLED WATER COOLING TO REMAIN LOCKED OUT WHEN ECONOMIZER SETUP COOLING IS AVAILABLE
      4. CHILLED WATER COOLING (WHERE CALLED FOR ON DRAWINGS)
         A. OPEN FULLY DURING UNOCCUPIED COOLING OPERATION. CLOSE WHEN UNIT NOT OPERATING
G. SAFETIES / OTHER CONTROL FUNCTIONS:
   A. IF UV DISCHARGE TEMPERATURE DROPS BELOW 50°F DURING HEATING MODES, THE SOFTWARE SHALL STOP THE FANS, CLOSE OUTSIDE AIR DAMPER, AND PRINT AN ALARM MESSAGE AT THE OPERATOR'S TERMINAL INDICATING ROOM NUMBER AND DISCHARGE TEMPERATURE.
   B. ON A TRIP OF THE FREEZESTAT, THE UNIT SHALL SHUT DOWN BY HARD WIRE INTERLOCK.
H. ALARMS – PROVIDE AN ALARM FOR EACH OF THE FOLLOWING:
   A. FAN FAILURE:
   B. DISCHARGE AIR TEMPERATURE LOW/HIGH LIMITS.
   C. SPACE TEMPERATURE LOW/HIGH LIMITS
   d. FREEZESTAT TRIP

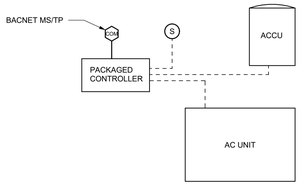


SEQUENCE OF OPERATIONS

A. EXHAUST SYSTEM (TYP):
   1. THE EXHAUST FAN SHALL OPERATE CONTINOUSLY AT A FIXED SPEED DETERMINED DURING TESTING AND BALANCING DURING OCCUPIED MODES. FAN ENABLE COMMAND SHALL OPEN THE ISOLATION DAMPER. THE FAN SHALL BE ENABLED BY HARD WIRE INTERLOCK TO THE ISOLATION DAMPER ACTUATOR END SWITCH.
   2. IF THE FAN STATUS IS NOT EQUAL TO COMMAND, AN ALARM SHALL BE RECORDED AT THE OPERATOR 'S WORKSTATION.

EXHAUST FANS CONTROL POINTS LIST	HARDWARE POINTS				SOFTWARE POINTS				NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	TREND	ALARM DESCRIPTION	
EXHAUST FAN ENABLE/DISABLE		X					X		
EXHAUST FAN STATUS	X						X	MOTOR FAILURE	
EXHAUST AIR DAMPER		X					X		

5 TYPICAL EXHAUST FAN CONTROL DIAGRAM - CONSTANT VOLUME
NTS



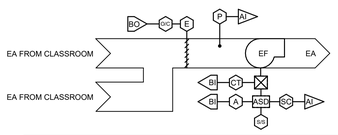
SEQUENCE OF OPERATIONS

A. AC UNIT CONTROL:
   1. THE AC UNIT SHALL RUN UNDER ITS OWN PACKAGED CONTROL SYSTEM TO MAINTAIN SPACE TEMPERATURE SETPOINT.
   2. THE DDC SYSTEM SHALL MONITOR SPACE TEMPERATURE, AN ALARM SHALL BE RECORDED IF SPACE TEMPERATURE IS >2 DEG (ADJ.) ABOVE SPACE TEMPERATURE SETPOINT.

AC UNIT CONTROL POINTS LIST	HARDWARE POINTS				SOFTWARE POINTS					NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	SCH	TREND	ALARM DESCRIPTION	
SPACE TEMPERATURE								X	> 2 DEG OVER SETPOINT	BACNET MS/TP
SYSTEM ALARM (MULTI FUNCTION CODE)						X		X	ALARM CONDITION NOTED	
OPERATING MODE					X			X		

NOTE: PROVIDE BACNET MS/TP COMMUNICATIONS. POINTS TO BE SELECTED WITH OWNER.

3 KITCHEN SPLIT SYSTEM AIR CONDITIONING UNIT CONTROL DIAGRAM
NTS



SEQUENCE OF OPERATIONS

UNIT VENTILATOR/FAN COIL UNIT SPACE RELIEF
A. MODULATING RELIEF FAN (WHERE SHOWN OR CALLED FOR)
   A. WHERE THE SPACE SERVED BY THE UNIT VENTILATOR/FAN COIL UNITS AND EQUIPPED WITH A MODULATING RELIEF FAN, THE FAN SPEED SHALL BE VARIED OVER A RANGE EQUATING TO THE SCHEDULED MINIMUM OUTDOOR AIR INTAKE RATE TO THE SCHEDULED UNIT VENTILATOR/FAN COIL UNIT MAXIMUM AIR FLOW AS THE OUTDOOR AIR POSITIONS FROM MINIMUM POSITION TO 100% OPEN. COORDINATE THE SETUP OF OPERATING RANGE WITH TESTING AND BALANCING ACTIVITIES TO MATCH RELIEF FAN OPERATION WITH OUTDOOR AIR INTAKE RATE.
   B. WHERE MULTIPLE CLASSROOMS ARE SERVED BY A SINGLE RELIEF FAN, THE WEIGHTED AVERAGE OF THE CONNECTED OUTDOOR AIR DAMPERS SHAL BE USED OT DETERMINE THE CORRESPONDING RELIEF FAN SPEED. THE OUTDOOR AIR DAMPER POSITION SHALL BE WEIGHTED IN THE CALCULATION BASED ON SCHEDULED UNIT CFM AT 100% INTAKE RATE.

RELIEF FAN CONTROL POINTS LIST - MULTIPLE CLASSROOMS	HARDWARE POINTS				SOFTWARE POINTS			NOTES
POINT NAME	BI	BO	AI	AO	TREND	ALARM DESCRIPTION		
EXHAUST FAN ENABLE/DISABLE		X			X			
STATIC PRESSURE SENSOR			X					
CLASSROOM MOTORIZED DAMPER								1
EXHAUST AIR DAMPER				X				
EXHAUST FAN SPEED				X				
EXHAUST FAN STATUS	X				X			

NOTES:
1. REFER TO DRAWINGS FOR QUANTITY OF DAMPERS PER FAN.

4 MULTIPLE CLASSROOM RELIEF FAN CONTROL DIAGRAM - VARIABLE VOLUME
NTS

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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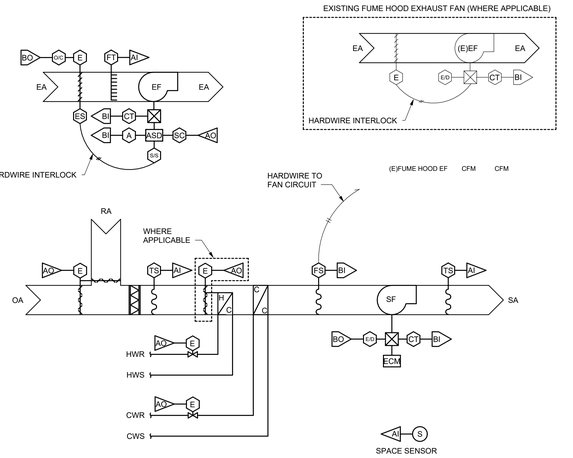
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SCALE: **AS NOTED**

DRAWING TITLE:

CONTROL DIAGRAMS - HVAC

D H5.04



SEQUENCE OF OPERATIONS

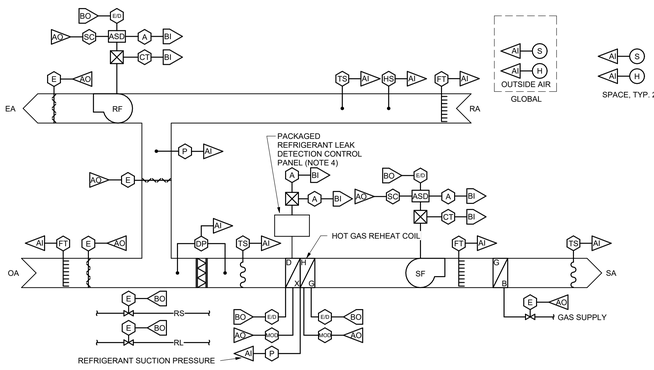
UNIT VENTILATORS – HOT WATER / CHILLED WATER:

1. ASSOCIATED SPACE EQUIPMENT INCLUDES:
   a. CHILLED WATER / HOT WATER
2. WARM-UP MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. SYSTEM SHALL OPERATE AS DESCRIBED IN UNOCCUPIED HEATING MODE WITH TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
3. COOL-DOWN MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
   C. NO OUTSIDE AIR EXCEPT AS REQUIRED FOR ECONOMIZER COOLING.
4. OCCUPIED MODE:
   a. UNIT VENTILATORS
      1. FAN:
         A. ENABLE CONTINUOUSLY DURING OCCUPIED PERIODS
         B. CYCLE DURING UNOCCUPIED SETUP / SETBACK
      2. OUTSIDE AIR DAMPER:
         A. OPEN TO MAINTAIN OUTSIDE AIR QUANTITY AS SCHEDULED BASED ON OPERATING MODE (COOLING VS HEATING / VENTILATING), OUTSIDE AIR DAMPER SHALL NEVER BE POSITIONED BELOW THIS MINIMUM EXCEPT IN CASE OF EMERGENCY.
         B. MODULATE OUTSIDE AIR DAMPER BEYOND SCHEDULED MINIMUM POSITION AS FOLLOWS:
            1. MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
            2. OUTDOOR AIR (ECONOMIZER) COOLING SHALL BE OPERATED IN SEQUENCE WITH HEATING WITHOUT OVERLAP.
      3. HEATING OPERATION:
         A. FAN SPEED TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
         B. OUTDOOR AIR DAMPER MAINTAINED AT HEATING / VENTILATION MINIMUM POSITION.
         C. OUTDOOR AIR TEMPERATURE RISES ABOVE 38 DEGREES:
            1. MODULATE TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
         d. OUTDOOR AIR TEMPERATURE FALLS BELOW 35 DEGREES:
            1. CONTROL VALVE OPENS FULLY
            2. MODULATE FACE AND BYPASS DAMPER TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
            3. IF FACE AND BYPASS DAMPER IS POSITIONED FULLY TO BYPASS AND LEAVING AIR TEMPERATURE REMAINS ABOVE CALCULATED LEAVING AIR TEMPERATURE SETPOINT, MODULATE CLOSED CONTROL VALVE, SUBJECT TO A MINIMUM OPEN POSITION OF 25%.
      4. COOLING OPERATION
         a. FAN TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
         B. CHILLED WATER - WHEN THERE IS A CALL FOR COOLING AND THE OUTSIDE AIR TEMPERATURE IS BELOW THE ECONOMIZER CHANGEOVER VALUE, ECONOMIZER COOLING SHALL BE USED AS INITIAL COOLING STAGE CAPACITY. ON A FURTHER CALL FOR COOLING TO ACHIEVE CALCULATED LEAVING AIR TEMPERATURE SETPOINT, CHILLED WATER IS TO BE USED AS "TRIM" CAPACITY. WHEN THERE IS A CALL FOR COOLING AND THE OUTDOOR AIR TEMPERATURE IS ABOVE THE ECONOMIZER LOCKOUT, THE CW SHALL BE ENABLED AND MODULATED TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SETPOINT, ECONOMIZER SHALL BE FIXED TO MINIMUM VENTILATION POSITION.
5. MODULATING RELIEF FAN (WHERE SHOWN OR CALLED FOR)
   A. REFER TO "MULTIPLE CLASSROOM RELIEF FAN CONTROL DIAGRAM - VARIABLE VOLUME".
   B. SCIENCE ROOMS WITH EXISTING FUME HOODS AND ROOF MOUNTED FUME HOOD EXHAUST FANS (WHERE APPLICABLE):
      1. CHEMISTRY 203:
         A. WHEN EXISTING FUME HOOD EXHAUST FAN (E)F-52H IS ENABLED BY REMOTE MOUNTED SWITCH, EXISTING RELIEF FAN (E)F-28H SHALL BE DISABLED.
         B. WHEN FUME HOOD EXHAUST FAN IS DISABLED, THE RELIEF FAN SHALL BE ENABLED T O 1,360 CFM.
      2. PREP 205:
         A. WHEN EXISTING FUME HOOD EXHAUST FAN (E)F-51H IS ENABLED BY REMOTE MOUNTED SWITCH, EXISTING RELIEF FAN (E)F-32H SHALL BE DISABLED, AND EXISTING RELIEF FAN (E)F-28H SHALL MODULATE FROM THE 1,360 CFM TO 380 CFM.
         B. WHEN FUME HOOD EXHAUST FAN IS DISABLED, BOTH RELIEF FANS SHALL MODULATE TO THEIR SCHEDULED CFM.
      3. CHEMISTRY 207:
         A. WHEN EXISTING FUME HOOD EXHAUST FAN (E)F-50H IS ENABLED BY REMOTE MOUNTED SWITCH, EXISTING RELIEF FAN (E)F-33H SHALL BE DISABLED.
         B. WHEN FUME HOOD EXHAUST FAN IS DISABLED, THE RELIEF FAN SHALL BE ENABLED T O 1,360 CFM.
6. UNOCCUPIED MODE:
   A. UNIT VENTILATORS
      1. FAN:
         A. START AND STOP TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE SET POINT.
      2. HEATING COIL CONTROL VALVE:
         A. WHEN UNIT IS ENABLED FOR SETBACK OPERATION, OPEN FULLY.
         B. WHEN UNIT IS DISABLED AND OUTDOOR AIR TEMPERATURE IS BELOW 25 DEGREES, VALVE SHALL BE MODULATED TO MAINTAIN MIXED AND LEAVING AIR TEMPERATURE SENSORS ABOVE 65 DEGREES.
      3. ECONOMIZER:
         A. CLOSED TO OUTDOOR AIR WHEN THE UNIT IS DISABLED.
         B. ECONOMIZER OPERATION TO BE PROVIDED DURING UNOCCUPIED COOLING WHEN AVAILABLE. DX AND CHILLED WATER COOLING TO REMAIN LOCKED OUT WHEN ECONOMIZER SETUP COOLING IS AVAILABLE.
      4. CHILLED WATER COOLING (WHERE CALLED FOR ON DRAWINGS)
         A. OPEN FULLY DURING UNOCCUPIED COOLING OPERATION. CLOSE WHEN UNIT NOT OPERATING
7. SAFETIES / OTHER CONTROL FUNCTIONS:
   A. IF UV DISCHARGE TEMPERATURE DROPS BELOW 50°F DURING HEATING MODES, THE SOFTWARE SHALL STOP THE FANS, CLOSE OUTSIDE AIR DAMPER, AND PRINT AN ALARM MESSAGE AT THE OPERATOR 'S TERMINAL INDICATING ROOM NUMBER AND DISCHARGE TEMPERATURE.
   B. ON A TRIP OF THE FREEZESTAT, THE UNIT SHALL SHUT DOWN BY HARD WIRE INTERLOCK.
8. ALARMS – PROVIDE AN ALARM FOR EACH OF THE FOLLOWING:
   A. FAN FAILURE.
   B. DISCHARGE AIR TEMPERATURE LOW/HIGH LIMITS.
   C. SPACE TEMPERATURE LOW/HIGH LIMITS
   d. FREEZESTAT TRIP
9. EXHAUST SYSTEM (TYP):
   A. THE EXHAUST FAN SHALL OPERATE CONTINOUSLY AT A FIXED SPEED DETERMINED DURING TESTING AND BALANCING DURING OCCUPIED MODES. FAN ENABLE COMMAND SHALL OPEN THE ISOLATION DAMPER. THE FAN SHALL BE ENABLED BY HARD WIRE INTERLOCK TO THE ISOLATION DAMPER ACTUATOR END SWITCH.
   B. IF THE FAN STATUS IS NOT EQUAL TO COMMAND, AN ALARM SHALL BE RECORDED AT THE OPERATOR 'S WORKSTATION.

UNIT VENTILATOR CONTROL POINTS LIST

POINT NAME	HARDWARE POINTS BI	BO	AI	AO	SOFTWARE POINTS AV	BV	TREND	ALARM	NOTES
SPACE TEMPERATURE			X				X	+/- 3 DEG F FROM SETPOINT	
SUPPLY AIR TEMPERATURE			X				X		
MIXED AIR TEMPERATURE			X				X	<35 DEG F (ADJ.)	
SUPPLY FAN STATUS	X						X	MOTOR FAILURE	
SUPPLY FAN ENABLE/DISABLE		X					X	STATUS NOT EQUAL TO COMMAND	
FREEZESTAT STATUS	X							FREEZESTAT FAN SHUTDOWN	
FACE AND BYPASS DAMPER				X			X	WHERE APPLICABLE	
HOT WATER CONTROL VALVE				X			X		
CHILLED WATER CONTROL VALVE				X			X		
OUTDOOR AIR / RETURN AIR DAMPER CONTROL				X			X		
RELIEF FAN ENABLE/DISABLE		X					X	STATUS NOT EQUAL TO COMMAND	
RELIEF FAN SPEED CONTROL				X			X		
RELIEF FAN STATUS	X						X	MOTOR FAILURE	
(E)FUME HOOD STATUS	X								

3 SCIENCE CLASSROOM UNIT VENTILATOR - HW/CW - CONTROL DIAGRAM
NTS

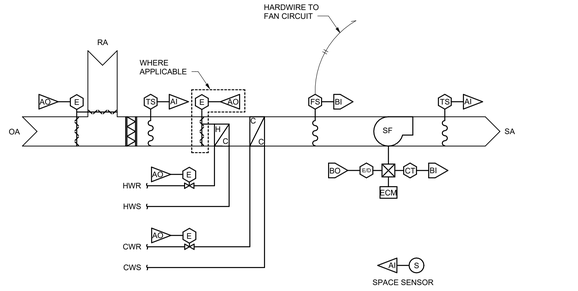


ROOFTOP UNIT CONTROL POINTS LIST

POINT NAME	HARDWARE POINTS BI	BO	AI	AO	SOFTWARE POINTS AV	BV	TREND	ALARM DESCRIPTION
SUPPLY FAN ENABLE/DISABLE		X					X	
SUPPLY FAN STATUS	X						X	FAN FAILURE
SUPPLY FAN SPEED COMMAND				X			X	
SUPPLY FAN VFD ALARM	X							VARIABLE SPEED DRIVE FAILURE
RELIEF FAN ENABLE/DISABLE		X					X	
RELIEF FAN STATUS	X						X	FAN FAILURE
RELIEF FAN SPEED COMMAND				X			X	
RELIEF FAN VFD ALARM	X						X	VARIABLE SPEED DRIVE FAILURE
RELIEF AIR DAMPER				X				
RETURN STATIC PRESSURE	X						X	
SUPPLY AIR TEMPERATURE			X				X	(+/-) 4deg FROM SETPOINT
RETURN AIR TEMPERATURE			X				X	(+/-) 4deg FROM SETPOINT
RETURN AIR RH			X				X	
MIXED AIR TEMPERATURE			X				X	
RETURN AIR FLOW RATE			X				X	
RETURN AIR DAMPER				X				
OUTSIDE AIR DAMPER				X				
OUTSIDE AIR FLOW RATE			X				X	(+/-) 10% DEVIATION FROM NON ECONOMIZER SET...
COOLING ENABLE/DISABLE		X					X	
COOLING CAPACITY CONTROL				X			X	
REFRIGERANT SUCTION PRESSURE			X				X	
HOT GAS REHEAT ENABLE/DISABLE		X					X	
HOT GAS REHEAT CONTROL				X			X	
GAS HEATING CONTROL VALVE				X			X	
FREEZE STAT STATUS	X						X	FREEZE STAT FAN SHUTDOWN
SUPPLY AIR FLOW RATE			X				X	
SPACE TEMPERATURE			X				X	+/- 3 DEG (ADJ.) FROM SETPOINT
SPACE RH			X				X	
FILTER DIFFERENTIAL PRESSURE			X				X	EXCEED DIFFERENTIAL PRESSURE SETPOINT
OUTSIDE AIR TEMPERATURE			X				X	(+/-) 10% FROM GLOBAL OUTSIDE AIR SENSOR
OUTSIDE AIR RH			X				X	
REFRIGERANT ISOLATION VALVES (RS/RL)		X						LEAK DETECTION/VALVE ACTUATED
REFRIGERANT LEAK DETECTOR ALARM	X							REFRIGERANT LEAK DETECTED
REFRIGERANT LEAK DETECTOR FAILED SENSOR ALARM	X							FAILED SENSOR

NOTES:
1. ALARM IF PRESSURE EXCEEDS DIFFERENTIAL PRESSURE SETPOINT.
2. REFRIGERANT LEAK DETECTION CONTROL PANEL SHALL COME FACTORY INSTALLED BY THE UNIT MANUFACTURER FOR INTEGRATION INTO THE BMS.

2 D-RTU-21H CONTROL DIAGRAM
NTS



SEQUENCE OF OPERATIONS

UNIT VENTILATORS – HOT WATER / CHILLED WATER:

A. ASSOCIATED SPACE EQUIPMENT INCLUDES:
   a. CHILLED WATER / HOT WATER
B. WARM-UP MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. SYSTEM SHALL OPERATE AS DESCRIBED IN UNOCCUPIED HEATING MODE WITH TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
C. COOL-DOWN MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
   C. NO OUTSIDE AIR EXCEPT AS REQUIRED FOR ECONOMIZER COOLING.
D. OCCUPIED MODE:
   a. UNIT VENTILATORS
      1. FAN:
         A. ENABLE CONTINUOUSLY DURING OCCUPIED PERIODS
         B. CYCLE DURING UNOCCUPIED SETUP / SETBACK
      2. OUTSIDE AIR DAMPER:
         A. OPEN TO MAINTAIN OUTSIDE AIR QUANTITY AS SCHEDULED BASED ON OPERATING MODE (COOLING VS HEATING / VENTILATING), OUTSIDE AIR DAMPER SHALL NEVER BE POSITIONED BELOW THIS MINIMUM EXCEPT IN CASE OF EMERGENCY.
         B. MODULATE OUTSIDE AIR DAMPER BEYOND SCHEDULED MINIMUM POSITION AS FOLLOWS:
            1. MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
            2. OUTDOOR AIR (ECONOMIZER) COOLING SHALL BE OPERATED IN SEQUENCE WITH HEATING WITHOUT OVERLAP.
      3. HEATING OPERATION:
         A. FAN SPEED TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
         B. OUTDOOR AIR DAMPER MAINTAINED AT HEATING / VENTILATION MINIMUM POSITION.
         C. OUTDOOR AIR TEMPERATURE RISES ABOVE 38 DEGREES:
            1. MODULATE TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
         d. OUTDOOR AIR TEMPERATURE FALLS BELOW 35 DEGREES:
            1. CONTROL VALVE OPENS FULLY
            2. MODULATE FACE AND BYPASS DAMPER TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
            3. IF FACE AND BYPASS DAMPER IS POSITIONED FULLY TO BYPASS AND LEAVING AIR TEMPERATURE REMAINS ABOVE CALCULATED LEAVING AIR TEMPERATURE SETPOINT, MODULATE CLOSED CONTROL VALVE, SUBJECT TO A MINIMUM OPEN POSITION OF 25%.
      4. COOLING OPERATION
         a. FAN TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
         B. CHILLED WATER - WHEN THERE IS A CALL FOR COOLING AND THE OUTSIDE AIR TEMPERATURE IS BELOW THE ECONOMIZER CHANGEOVER VALUE, ECONOMIZER COOLING SHALL BE USED AS INITIAL COOLING STAGE CAPACITY. ON A FURTHER CALL FOR COOLING TO ACHIEVE CALCULATED LEAVING AIR TEMPERATURE SETPOINT, CHILLED WATER IS TO BE USED AS "TRIM" CAPACITY. WHEN THERE IS A CALL FOR COOLING AND THE OUTDOOR AIR TEMPERATURE IS ABOVE THE ECONOMIZER LOCKOUT, THE CW SHALL BE ENABLED AND MODULATED TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE, ECONOMIZER SHALL BE FIXED TO MINIMUM VENTILATION POSITION.
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F. UNOCCUPIED MODE:
   A. UNIT VENTILATORS
      1. FAN:
         A. START AND STOP TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE SET POINT.
      2. HEATING COIL CONTROL VALVE:
         A. WHEN UNIT IS ENABLED FOR SETBACK OPERATION, OPEN FULLY.
         B. WHEN UNIT IS DISABLED AND OUTDOOR AIR TEMPERATURE IS BELOW 25 DEGREES, VALVE SHALL BE MODULATED TO MAINTAIN MIXED AND LEAVING AIR TEMPERATURE SENSORS ABOVE 65 DEGREES.
      3. ECONOMIZER:
         A. CLOSED TO OUTDOOR AIR WHEN THE UNIT IS DISABLED.
         B. ECONOMIZER OPERATION TO BE PROVIDED DURING UNOCCUPIED COOLING WHEN AVAILABLE. DX AND CHILLED WATER COOLING TO REMAIN LOCKED OUT WHEN ECONOMIZER SETUP COOLING IS AVAILABLE.
      4. CHILLED WATER COOLING (WHERE CALLED FOR ON DRAWINGS)
         A. OPEN FULLY DURING UNOCCUPIED COOLING OPERATION. CLOSE WHEN UNIT NOT OPERATING
G. SAFETIES / OTHER CONTROL FUNCTIONS:
   A. IF UV DISCHARGE TEMPERATURE DROPS BELOW 50°F DURING HEATING MODES, THE SOFTWARE SHALL STOP THE FANS, CLOSE OUTSIDE AIR DAMPER, AND PRINT AN ALARM MESSAGE AT THE OPERATOR 'S TERMINAL INDICATING ROOM NUMBER AND DISCHARGE TEMPERATURE.
   B. ON A TRIP OF THE FREEZESTAT, THE UNIT SHALL SHUT DOWN BY HARD WIRE INTERLOCK.
H. ALARMS – PROVIDE AN ALARM FOR EACH OF THE FOLLOWING:
   A. FAN FAILURE.
   B. DISCHARGE AIR TEMPERATURE LOW/HIGH LIMITS.
   C. SPACE TEMPERATURE LOW/HIGH LIMITS
   d. FREEZESTAT TRIP

1 UNIT VENTILATOR - HW/CW - CONTROL DIAGRAM
NTS

SEQUENCE OF OPERATIONS

VARIABLE VOLUME ZONE UNIT

A. GENERAL
   A. VARIABLE VOLUME SINGLE ZONE AIR HANDLER WITH HOT WATER HEATING, DX COOLING, HOT GAS REHEAT AND ECONOMIZER OPERATION.
B. WARM-UP MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. SYSTEM SHALL OPERATE AS DESCRIBED IN UNOCCUPIED HEATING MODE WITH TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
C. COOL-DOWN MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
   C. NO OUTSIDE AIR EXCEPT AS REQUIRED FOR ECONOMIZER COOLING.
D. SUPPLY FAN CONTROL:
   A. THE SUPPLY AIR FAN VARIABLE SPEED DRIVES (VSD) SHALL MODULATE TO MAINTAIN CALCULATED SUPPLY AIRFLOW RATE BETWEEN MINIMUM AND MAXIMUM SCHEDULED AIRFLOW RATES , NORMALLY AT MINIMUM AIRFLOW. OPERATING AIR FLOW SHALL BE CONTROLLED FROM MINIMUM TO MAXIMUM SCHEDULED CFM PER THIS OPERATING SEQUENCE.
E. OUTSIDE AIR CONTROL:
   a. THE OUTSIDE AIR SHALL BE INDEXED TO OPERATE AT THE CALCULATED MINIMUM OUTSIDE AIR VOLUME DURING ALL SCHEDULED OCCUPIED TIMES, SUBJECT TO ECONOMIZER AND DEMAND CONTROL VENTILATION OPERATION.
F. RELIEF FAN AND DAMPER OPERATION:
   A. WHEN THE SUPPLY FAN IS OFF, THE RELIEF FAN SHALL BE OFF.
   b. WHEN THE SUPPLY FAN IS OPERATING, THE RELIEF FAN SPEED SHALL TRACK THE OUTDOOR AIR INTAKE SUCH THAT RELIEF AIR VOLUME IS APPROXIMATELY EQUAL TO OUTDOOR AIR INTAKE RATE. COORDINATE SETUP OF RELIEF FAN OPERATION WITH TAB REQUIREMENTS.
G. OCCUPIED HEATING MODE:
   a. MODULATE NATURAL GAS HEATING TO MAINTAIN LEAVING AIR TEMPERATURE RESET CALCULATION TO MAINTAIN LEAVING AIR TEMPERATURE. ONCE THE UNIT HAS REACHED MINIMUM ALLOWABLE LEAVING AIR TEMPERATURE SETPOINT, ON A CALL FOR ADDITIONAL HEATING, THE SUPPLY AIR FLOW SHALL BE MODULATED FROM MINIMUM TO MAXIMUM SCHEDULED CFM TO MAINTAIN SPACE TEMPERATURE SETPOINT.
H. COOLING COIL:
   A. ENABLE COMPRESSORS AND MODULATE TO MAINTAIN THE CALCULATED DISCHARGE AIR TEMPERATURE SET POINT. MONITOR SUCTION PRESSURE AND BACK THE COMPRESSOR CAPACITY DOWN AS NEEDED TO MAINTAIN THE SUCTION PRESSURE ABOVE THE MANUFACTURER RECOMMENDED MINIMUM.
   B. WHEN THERE IS A CALL FOR COOLING AND THE OUTSIDE AIR TEMPERATURE IS BELOW THE ECONOMIZER CHANGEOVER VALUE, THE OUTDOOR AIR / RETURN AIR DAMPERS (ECONOMIZER) SHALL MODULATE AS INITIAL STAGE OF COOLING. ON A FURTHER CALL FOR COOLING TO ACHIEVE CALCULATED LEAVING AIR TEMPERATURE SETPOINT, MECHANICAL COOLING SHALL BE USED AS "TRIM" CAPACITY.
   C. WHEN A COMPRESSOR IS DISABLED, IT SHALL NOT BE ENABLED AGAIN UNTIL 5 MINUTES (ADJUSTABLE) ANTI-RECYCLE TIME HAS PASSED.
   D. ON A CALL FOR ADDITIONAL COOLING, THE AIR FLOW SHALL BE MODULATED FROM THE SCHEDULED MINIMUM CFM TO THE MAXIMUM CFM FOR CONTROL OF SPACE TEMPERATURE SETPOINT
I. DEHUMIDIFICATION CYCLE:
   a. WHENEVER THE SPACE HUMIDITY FALLS BELOW 55%, THE DX SHALL OPERATE PER THE COOLING OPERATION PARAGRAPH OF THIS SEQUENCE.
   B. WHENEVER THE SPACE HUMIDITY RISES ABOVE 60%, THE DIGITAL SCROLL COMPRESSORS SHALL BE ENABLED AND MODULATE TO MAINTAIN EVAPORATOR COIL SUCTION PRESSURE SETPOINT OF 105PSI. THE HOT GAS REHEAT SHALL BE ENABLED AND BE MODULATED TO MAINTAIN CALCULATED DISCHARGE AIR TEMPERATURE SETPOINT.
J. UNOCCUPIED MODE:
   a. SUPPLY FAN:
      a. THE SUPPLY FAN SHALL CYCLE AS NEEDED TO MAINTAIN UNOCCUPIED TEMPERATURE SETPOINT(ADJ.) AND SUPPLY FAN SHALL MODULATE AS REQUIRED PER HEATING SEQUENCE OF OPERATIONS. THE UNIT SHALL OPERATE ON 100% RETURN AIR. IF OUTSIDE AIR IS DETERMINED BENEFICIAL, THE OCCUPIED MODE OF OPERATIONS SHALL BE USED.
   b. RELIEF FAN:
      a. THE RELIEF FAN SHALL CYCLE AS NEEDED BASED UPON OCCUPIED OPERATION IF OUTSIDE AIR IS DETERMINED BENEFICAL
   c. DAMPER CONTROL:
      a. OUTSIDE AIR DAMPER:
         1. THE OUTSIDE AIR DAMPER SHALL REMAIN FULLY CLOSED.
      b. RETURN AIR DAMPER:
         1. THE RETURN AIR DAMPER SHALL REMAIN FULLY OPEN.
   d. COOLING MODE:
      a. MAINTAIN THE SAME SEQUENCE AS OCCUPIED MODE.
   e. HEATING MODE
      A. DURING THE UNOCCUPIED MODE, MODULATE HEATING COIL CONTROL VALVE TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE.
   F. UNOCCUPIED COOLING MODE
      A. THE UNIT SHALL CONTROL FOR UNOCCUPIED COOLING SPACE TEMPERATURE SETPOINT.
      B. THE ECONOMIZER AND MECHANICAL COOLING SHALL OPERATE AS PER OCCUPIED MODE, WITH MINIMUM OUTDOOR AIR INTAKE RATE SET TO ZERO AND LEAVING AIR TEMPERATURE FIXED AT 55 DEGREES.
K. SAFETIES / OTHER CONTROL FUNCTIONS:
   A. IF DISCHARGE TEMPERATURE DROPS BELOW 50°F DURING HEATING MODES, THE SOFTWARE SHALL STOP THE FANS, CLOSE OUTSIDE AIR DAMPER, AND PRINT AN ALARM MESSAGE AT THE OPERATOR 'S TERMINAL INDICATING ROOM NUMBER AND DISCHARGE TEMPERATURE.
   B. ON TRIP OF FREEZESTAT, THE UNIT SHALL DISABLE BY HARD WIRE INTERLOCK, THE HEATING SHALL FULLY OPEN, AND THE ECONOMIZER FULLY CLOSE TO OUTDOOR AIR.
   c. ON TRIP OF FIRE ALARM THE UNIT SHALL PERFORM AN ORDERLY SHUTDOWN AS PER UNOCCUPIED MODE. ON CLEAR OF THE FIRE ALARM, THE UNIT SHALL PERFORM AN ORDERLY RESTART.
L. REFRIGERANT LEAK DETECTION/SAFETY CONTROLS:
   a. UNIT SHALL BE PROVIDED WITH A FACTORY MOUNTED REFRIGERANT LEAK DETECTION CONTROL PANEL COMPLETE WITH A REFRIGERANT LEAK DETECTION SENSOR LOCATED WITHIN THE AIRSTREAM OF THE UNIT AND (2) ALARM CONTACT POINTS TO INDICATE A REFRIGERANT LEAK OR FAILED REFRIGERANT LEAK DETECTION SENSOR.
   b. IN THE EVENT THAT THE PACKAGED LEAK DETECTION CONTROL PANEL INDICATES THAT THERE IS A REFRIGERANT LEAK WITHIN THE SYSTEM, THE FOLLOWING SHALL OCCUR WITHIN (15) SECONDS OF THE LEAK DETECTION ALARM FOR A MINIMUM PERIOD OF (5) MINUTES IN DURATION:
      a. SUPPLY FAN AND RETURN FAN SHALL BE ENABLED.
      b. OUTSIDE AIR DAMPER SHALL FULLY CLOSE AND RETURN AIR DAMPER SHALL FULLY OPEN.
      c. THE REFRIGERANT PIPING ISOLATION VALVES SHALL BE COMMANDED CLOSED.
      d. AN ALARM MESSAGE SHALL BE SENT TO THE OPERATOR 'S TERMINAL INDICATING ROOM NUMBER AND REFRIGERANT LEAK.
   c. IN THE EVENT THAT THE PACKAGED LEAK DETECTION SYSTEM INDICATES THAT THE REFRIGERANT LEAK DETECTION SENSOR HAS FAILED, THE FOLLOWING SHALL OCCUR:
      a. SUPPLY FAN AND RETURN FAN SHALL BE DISABLED, THE OUTSIDE AIR DAMPER SHALL BE CLOSED, AND ALARM MESSAGE SHALL BE SENT TO THE OPERATOR 'S TERMINAL INDICATING ROOM NUMBER AND FAILED REFRIGERANT LEAK DETECTION SENSOR.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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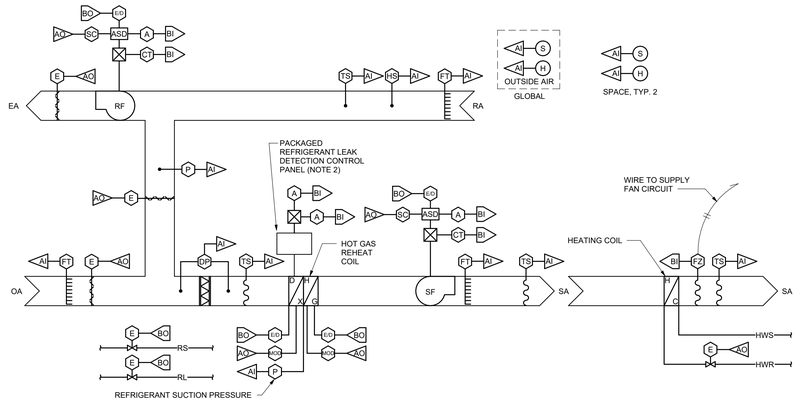
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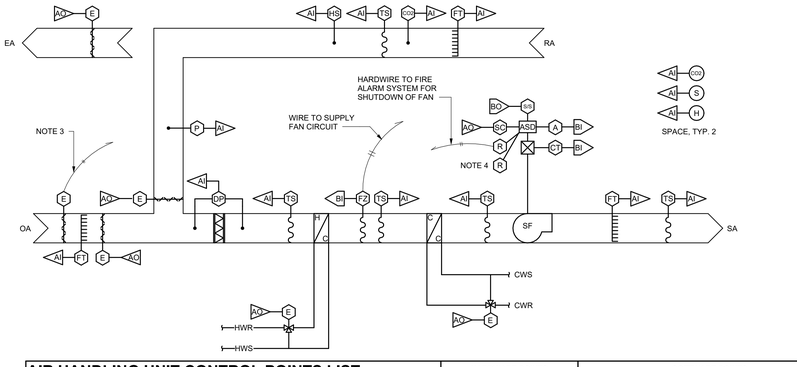


ROOFTOP UNIT CONTROL POINTS LIST

POINT NAME	HARDWARE POINTS BI	BO	AI	AO	SOFTWARE POINTS AV	BV	TREND	ALARM DESCRIPTION	NOTES
SUPPLY FAN ENABLE/DISABLE		X					X		
SUPPLY FAN STATUS	X						X	FAN FAILURE	
SUPPLY FAN SPEED COMMAND				X			X		
SUPPLY FAN VFD ALARM	X							VARIABLE SPEED DRIVE FAILURE	
RELIEF FAN ENABLE/DISABLE		X					X		
RELIEF FAN STATUS	X						X	FAN FAILURE	
RELIEF FAN SPEED COMMAND				X			X		
RELIEF FAN VFD ALARM	X						X	VARIABLE SPEED DRIVE FAILURE	
RELIEF AIR DAMPER				X					
RETURN STATIC PRESSURE	X						X		
SUPPLY AIR TEMPERATURE			X				X	(+/-) 4deg FROM SETPOINT	
RETURN AIR TEMPERATURE			X				X	(+/-) 4deg FROM SETPOINT	
RETURN AIR RH			X				X		
MIXED AIR TEMPERATURE			X				X		
RETURN AIR FLOW RATE			X				X		
RETURN AIR DAMPER				X					
OUTSIDE AIR DAMPER				X					
OUTSIDE AIR FLOW RATE			X				X	(+/-) 10% DEVIATION FROM NON ECONOMIZER SET POINT	
COOLING ENABLE/DISABLE		X					X		
COOLING CAPACITY CONTROL				X			X		
REFRIGERANT SUCTION PRESSURE			X				X		
HOT GAS REHEAT ENABLE/DISABLE		X					X		
HOT GAS REHEAT CONTROL				X			X		
REHEAT COIL CONTROL VALVE				X			X		
REHEAT COIL SUPPLY AIR TEMPERATURE			X				X	(+/-) 4deg FROM SETPOINT	
FREEZE STAT STATUS	X						X	FREEZE STAT FAN SHUTDOWN	
SPACE TEMPERATURE			X				X	+/- 3 DEG (ADJ.) FROM SETPOINT	
SUPPLY AIR FLOW RATE			X				X		
SPACE TEMPERATURE			X				X	+/- 3 DEG (ADJ.) FROM SETPOINT	
SPACE RH			X				X		
FILTER DIFFERENTIAL PRESSURE			X				X	EXCEED DIFFERENTIAL PRESSURE SETPOINT	1
OUTSIDE AIR TEMPERATURE			X				X	(+/-) 10% FROM GLOBAL OUTSIDE AIR SENSOR	(1) GLOBAL
OUTSIDE AIR RH			X				X		(1) GLOBAL
REFRIGERANT ISOLATION VALVES (RS/RL)		X						LEAK DETECTION/VALVE ACTUATED	2
REFRIGERANT LEAK DETECTOR ALARM	X							REFRIGERANT LEAK DETECTED	2
REFRIGERANT LEAK DETECTOR FAILED SENSOR ALARM	X							FAILED SENSOR	2

NOTES:
1. ALARM IF PRESSURE EXCEEDS DIFFERENTIAL PRESSURE SETPOINT.
2. REFRIGERANT LEAK DETECTION CONTROL PANEL SHALL COME FACTORY INSTALLED BY THE UNIT MANUFACTURER FOR INTEGRATION INTO THE BMS.

2 D-RTU-15H CONTROL DIAGRAM
NTS



AIR HANDLING UNIT CONTROL POINTS LIST

POINT NAME	HARDWARE POINTS BI	BO	AI	AO	SOFTWARE POINTS AV	BV	TREND	ALARM	NOTES
FIRE ALARM RELAY	X						X	FAN SHUT DOWN ON FIRE ALARM	
SUPPLY FAN START/STOP		X					X		
SUPPLY FAN STATUS	X						X	MOTOR FAILURE	
SUPPLY FAN SPEED COMMAND				X			X		
SUPPLY FAN VSD ALARM	X							VARIABLE SPEED DRIVE FAILURE	
SUPPLY FAN SPEED (RPM)					X		X		BACNET MS/TP
SUPPLY FAN POWER (KW)					X		X		BACNET MS/TP
RETURN AIR TEMPERATURE			X				X		
RETURN AIR RH			X				X		
RETURN AIRFLOW STATION			X				X		
RETURN AIR DAMPER				X			X		
RETURN STATIC PRESSURE	X						X		
RELIEF/EXHAUST AIR DAMPER				X			X		
CHILLED WATER COIL VALVE				X			X		
PREHEAT COIL CONTROL VALVE				X			X		
OUTSIDE AIR ISOLATION DAMPER			X				X		
OUTSIDE AIRFLOW STATION			X				X		
OUTSIDE AIR DAMPER				X			X		
OUTSIDE AIR TEMPERATURE			X				X		GLOBAL
OUTSIDE AIR RH			X				X		GLOBAL
FILTER DIFFERENTIAL PRESSURE			X				X	NOTE 1	1
MIXED AIR TEMPERATURE			X				X		
FREEZE STAT STATUS	X						X	FREEZE STAT FAN SHUTDOWN	
PREHEAT COIL DISCHARGE AIR TEMPERATURE			X				X	(-) 5deg. FROM SETPOINT	
CHILLED WATER COIL DISCHARGE AIR TEMPERATURE			X				X		
SUPPLY AIRFLOW STATION			X				X		
SUPPLY AIR TEMPERATURE			X				X	(+/-) 4deg FROM SETPOINT	TYP. 2
SPACE TEMPERATURE			X				X		TYP. 2
SPACE RH			X				X		TYP. 2
SPACE CO2			X				X		TYP. 2

NOTES:
1. ALARM IF PRESSURE EXCEEDS DIFFERENTIAL PRESSURE SETPOINT.

1 D-AHU-01 CONTROL DIAGRAM
NTS

SEQUENCE OF OPERATIONS

VARIABLE VOLUME ZONE UNIT
A. GENERAL
   A. VARIABLE VOLUME SINGLE ZONE AIR HANDLER WITH HOT WATER HEATING, DX COOLING, HOT GAS REHEAT AND ECONOMIZER OPERATION.
B. WARM-UP MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. SYSTEM SHALL OPERATE AS DESCRIBED IN UNOCCUPIED HEATING MODE WITH TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
C. COOL-DOWN MODE:
   a. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   B. TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
   C. NO OUTSIDE AIR EXCEPT AS REQUIRED FOR ECONOMIZER COOLING.
D. SUPPLY FAN CONTROL:
   A. THE SUPPLY AIR FAN VARIABLE SPEED DRIVES (VSD) SHALL MODULATE TO MAINTAIN CALCULATED SUPPLY AIRFLOW RATE BETWEEN MINIMUM AND MAXIMUM SCHEDULED AIRFLOW RATES, NORMALLY AT MINIMUM AIRFLOW. OPERATING AIR FLOW SHALL BE CONTROLLED FROM MINIMUM TO MAXIMUM SCHEDULED CFM PER THIS OPERATING SEQUENCE.
E. OUTSIDE AIR CONTROL:
   a. THE OUTSIDE AIR SHALL BE INDEXED TO OPERATE AT THE CALCULATED MINIMUM OUTSIDE AIR VOLUME DURING ALL SCHEDULED OCCUPIED TIMES, SUBJECT TO ECONOMIZER OPERATION.
F. RELIEF FAN AND DAMPER OPERATION:
   A. WHEN THE SUPPLY FAN IS OFF, THE RELIEF FAN SHALL BE OFF.
   b. WHEN THE SUPPLY FAN IS OPERATING, THE RELIEF FAN SPEED SHALL TRACK THE OUTDOOR AIR INTAKE SUCH THAT RELIEF AIR VOLUME IS APPROXIMATELY EQUAL TO OUTDOOR AIR INTAKE RATE. COORDINATE SETUP OF RELIEF FAN OPERATION WITH TAB REQUIREMENTS.
G. OCCUPIED HEATING MODE:
   a. MODULATE HEATING COIL CONTROL VALVE TO MAINTAIN LEAVING AIR TEMPERATURE RESET CALCULATION TO MAINTAIN LEAVING AIR TEMPERATURE . ONCE THE UNIT HAS REACHED MINIMUM ALLOWABLE LEAVING AIR TEMPERATURE SETPOINT, ON A CALL FOR ADDITIONAL HEATING, THE SUPPLY AIR FLOW SHALL BE MODULATED FROM MINIMUM TO MAXIMUM SCHEDULED CFM TO MAINTAIN SPACE TEMPERATURE SETPOINT.
H. COOLING COIL:
   A. ENABLE COMPRESSORS AND MODULATE TO MAINTAIN THE CALCULATED DISCHARGE AIR TEMPERATURE SET POINT. MONITOR SUCTION PRESSURE AND BACK THE COMPRESSOR CAPACITY DOWN AS NEEDED TO MAINTAIN THE SUCTION PRESSURE ABOVE THE MANUFACTURER RECOMMENDED MINIMUM.
   B. WHEN THERE IS A CALL FOR COOLING AND THE OUTSIDE AIR TEMPERATURE IS BELOW THE ECONOMIZER CHANGEOVER VALUE, THE OUTDOOR AIR / RETURN AIR DAMPERS (ECONOMIZER) SHALL MODULATE AS INITIAL STAGE OF COOLING. ON A FURTHER CALL FOR COOLING TO ACHIEVE CALCULATED LEAVING AIR TEMPERATURE SETPOINT, MECHANICAL COOLING SHALL BE USED AS "TRIM" CAPACITY.
   C. WHEN A COMPRESSOR IS DISABLED, IT SHALL NOT BE ENABLED AGAIN UNTIL 5 MINUTES (ADJUSTABLE) ANTI-RECYCLE TIME HAS PASSED.
   D. ON A CALL FOR ADDITIONAL COOLING, THE AIR FLOW SHALL BE MODULATED FROM THE SCHEDULED MINIMUM CFM TO THE MAXIMUM CFM FOR CONTROL OF SPACE TEMPERATURE SETPOINT
I. DEHUMIDIFICATION CYCLE:
   a. WHENEVER THE SPACE HUMIDITY FALLS BELOW 55%, THE DX SHALL OPERATE PER THE COOLING OPERATION PARAGRAPH OF THIS SEQUENCE.
   B. WHENEVER THE SPACE HUMIDITY RISES ABOVE 60%, THE DIGITAL SCROLL COMPRESSORS SHALL BE ENABLED AND MODULATE TO MAINTAIN EVAPORATOR COIL SUCTION PRESSURE SETPOINT OF 105PSI. THE HOT GAS REHEAT SHALL BE ENABLED AND BE MODULATED TO MAINTAIN CALCULATED DISCHARGE AIR TEMPERATURE SETPOINT.
J. UNOCCUPIED MODE:
   a. SUPPLY FAN:
      a. THE SUPPLY FAN SHALL CYCLE AS NEEDED TO MAINTAIN UNOCCUPIED TEMPERATURE SETPOINT(ADJ.) AND SUPPLY FAN SHALL MODULATE AS REQUIRED PER HEATING SEQUENCE OF OPERATIONS. THE UNIT SHALL OPERATE ON 100% RETURN AIR. IF OUTSIDE AIR IS DETERMINED BENEFICIAL, THE OCCUPIED MODE OF OPERATIONS SHALL BE USED.
   b. RELIEF FAN:
      a. THE RELIEF FAN SHALL CYCLE AS NEEDED BASED UPON OCCUPIED OPERATION IF OUTSIDE AIR IS DETERMINED BENEFICAL
   c. DAMPER CONTROL:
      a. OUTSIDE AIR DAMPER:
         1. THE OUTSIDE AIR DAMPER SHALL REMAIN FULLY CLOSED.
      b. RETURN AIR DAMPER:
         1. THE RETURN AIR DAMPER SHALL REMAIN FULLY OPEN.
   d. COOLING MODE:
      a. MAINTAIN THE SAME SEQUENCE AS OCCUPIED MODE.
   e. HEATING MODE
      A. DURING THE UNOCCUPIED MODE, MODULATE HEATING COIL CONTROL VALVE TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE.
   F. UNOCCUPIED COOLING MODE
      A. THE UNIT SHALL CONTROL FOR UNOCCUPIED COOLING SPACE TEMPERATURE SETPOINT.
      B. THE ECONOMIZER AND MECHANICAL COOLING SHALL OPERATE AS PER OCCUPIED MODE, WITH MINIMUM OUTDOOR AIR INTAKE RATE SET TO ZERO AND LEAVING AIR TEMPERATURE FIXED AT 55 DEGREES.
K. SAFETIES / OTHER CONTROL FUNCTIONS:
   A. IF DISCHARGE TEMPERATURE DROPS BELOW 50°F DURING HEATING MODES, THE SOFTWARE SHALL STOP THE FANS, CLOSE OUTSIDE AIR DAMPER, AND PRINT AN ALARM MESSAGE AT THE OPERATOR'S TERMINAL INDICATING ROOM NUMBER AND DISCHARGE TEMPERATURE.
   B. ON TRIP OF FREEZESTAT, THE UNIT SHALL DISABLE BY HARD WIRE INTERLOCK, THE HEATING SHALL FULLY OPEN, AND THE ECONOMIZER FULLY CLOSE TO OUTDOOR AIR.
   c. ON TRIP OF FIRE ALARM THE UNIT SHALL PERFORM AN ORDERLY SHUTDOWN AS PER UNOCCUPIED MODE. ON CLEAR OF THE FIRE ALARM, THE UNIT SHALL PERFORM AN ORDERLY RESTART.
L. REFRIGERANT LEAK DETECTION/SAFETY CONTROLS:
   a. UNIT SHALL BE PROVIDED WITH A FACTORY MOUNTED REFRIGERANT LEAK DETECTION CONTROL PANEL COMPLETE WITH A REFRIGERANT LEAK DETECTION SENSOR LOCATED WITHIN THE AIRSTREAM OF THE UNIT AND (2) ALARM CONTACT POINTS TO INDICATE A REFRIGERANT LEAK OR FAILED REFRIGERANT LEAK DETECTION SENSOR.
   b. IN THE EVENT THAT THE PACKAGED LEAK DETECTION CONTROL PANEL INDICATES THAT THERE IS A REFRIGERANT LEAK WITHIN THE SYSTEM, THE FOLLOWING SHALL OCCUR WITHIN (15) SECONDS OF THE LEAK DETECTION ALARM FOR A MINIMUM PERIOD OF (5) MINUTES IN DURATION:
      a. SUPPLY FAN AND RETURN FAN SHALL BE ENABLED.
      b. OUTSIDE AIR DAMPER SHALL FULLY CLOSE AND RETURN AIR DAMPER SHALL FULLY OPEN.
      c. THE REFRIGERANT PIPING ISOLATION VALVES SHALL BE COMMANDED CLOSED.
      d. AN ALARM MESSAGE SHALL BE SENT TO THE OPERATOR 'S TERMINAL INDICATING ROOM NUMBER AND REFRIGERANT LEAK.
   c. IN THE EVENT THAT THE PACKAGED LEAK DETECTION SYSTEM INDICATES THAT THE REFRIGERANT LEAK DETECTION SENSOR HAS FAILED, THE FOLLOWING SHALL OCCUR:
      a. SUPPLY FAN AND RETURN FAN SHALL BE DISABLED, THE OUTSIDE AIR DAMPER SHALL BE CLOSED, AND ALARM MESSAGE SHALL BE SENT TO THE OPERATOR 'S TERMINAL INDICATING ROOM NUMBER AND FAILED REFRIGERANT LEAK DETECTION SENSOR.

SEQUENCE OF OPERATIONS

A. VARIABLE VOLUME SINGLE ZONE AIR INDOOR HANDLING UNIT UNIT
   GENERAL
      A. VARIABLE VOLUME AIR HANDLER WITH HOT WATER HEATING, CHILLED WATER COOLING AND ECONOMIZER OPERATION.
1. SUPPLY FAN CONTROL:
   a. NORMAL OPERATION – THE SUPPLY FAN SHALL CONTROL TO MAINTAIN MINIMUM SCHEDULED FLOWRATE.
   b. SEQUENCE OPERATION HEATING – ON A CALL FOR ADDITIONAL HEATING, AS DEFINED BY THE UNIT REACHING MAXIMUM CALCULATED LEAVING AIR TEMPERATURE WITH DEMAND FOR ADDITIONAL HEATING TO ACHIEVE SPACE HEATING TEMPERATURE SETPOINT, THE SUPPLY FAN SHALL BE RAMPED USING PI CONTROL FROM THE MINIMUM SCHEDULED CFM TO A MAXIMUM OSCHEDULE CFM FOR SPACE HEATING TEMPERATURE CONTROL.
   c. SEQUENCE OPERATION COOLING – ON A CALL FOR ADDITIONAL COOLING, AS DEFINED BY THE UNIT REACHING MINIMUM CALCULATED LEAVING AIR TEMPERATURE WITH DEMAND FOR ADDITIONAL COOLING TO ACHIEVE SPACE COOLING TEMPERATURE SETPOINT, THE SUPPLY FAN SHALL BE RAMPED USING PI CONTROL FROM THE MINIMUM SCHEDULED CFM TO A MAXIMUM SCHEDULED CFM FOR SPACE COOLING TEMPERATURE CONTROL.
2. OUTSIDE AIR CONTROL:
   a. THE OUTSIDE AIR SHALL BE INDEXED TO OPERATE AT THE CALCULATED MINIMUM OUTSIDE AIR VOLUME DURING ALL SCHEDULED OCCUPIED TIMES, SUBJECT TO ECONOMIZER AND DEMAND CONTROL OPERATION.
3. RELIEF DAMPER OPERATION:
   a. THE RELIEF DAMPER SHALL MODULATE TO MAINTAIN PRESSURE SETPOINT IN THE RETURN AIR COMPARTMENT AHEAD OF THE RELIEF DAMPER AT A LEVEL OF 0.01 "WC. PROVIDE BI-DIRECTIONAL PRESSURE SENSOR, +/- 1.0"WC RANGE. .
4. OCCUPIED HEATING MODE:
   A. MODULATE HEATING COIL CONTROL VALVE TO MAINTAIN LEAVING AIR TEMPERATURE RESET CALCULATION TO MAINTAIN SPACE TEMPERATURE SETPOINT .
   B. ON A CALL FOR ADDITIONAL HEATING, THE AIR FLOW SHALL BE MODULATED FROM THE SCHEDULED MINIMUM CFM TO THE MAXIMUM CFM FOR CONTROL OF SPACE TEMPERATURE SETPOINT.
5. OCCUPIED COOLING MODE
   A. MODULATE COOLING COIL CONTROL VALVE TO MAINTAIN LEAVING AIR TEMPERATURE RESET CALCULATION TO MAINTAIN SPACE TEMPERATURE SETPOINT .
   B. ON A CALL FOR ADDITIONAL COOLING, THE AIR FLOW SHALL BE MODULATED FROM THE SCHEDULED MINIMUM CFM TO THE MAXIMUM CFM FOR CONTROL OF SPACE TEMPERATURE SETPOINT.
6. UNOCCUPIED MODE:
   a. SUPPLY FAN:
      a. THE SUPPLY FAN SHALL CYCLE AS NEEDED TO MAINTAIN UNOCCUPIED TEMPERATURE SETPOINT(ADJ.) AND SUPPLY FAN SHALL MODULATE AS REQUIRED PER HEATING SEQUENCE OF OPERATIONS. THE UNIT SHALL OPERATE ON 100% RETURN AIR. IF OUTSIDE AIR IS DETERMINED BENEFICIAL, THE OCCUPIED MODE OF OPERATIONS SHALL BE USED.
   b. DAMPER CONTROL:
      a. OUTSIDE AIR DAMPER:
         1. THE OUTSIDE AIR DAMPER SHALL REMAIN FULLY CLOSED.
      b. RETURN AIR DAMPER:
         1. THE RETURN AIR DAMPER SHALL REMAIN FULLY OPEN.
   c. COOLING MODE:
      a. MAINTAIN THE SAME SEQUENCE AS OCCUPIED MODE.
   d. HEATING MODE
      A. DURING THE UNOCCUPIED MODE, THE SET POINT TEMPERATURE WILL BE MAINTAINED USING THE AHU HEATING COIL CONTROL VALVE AS THE FIRST STAGE OF HEATING, WHILE CYCLING THE FAN, ON 100% RETURN AIR, TO MAINTAIN A 60°F (ADJ.) UNOCCUPIED SPACE TEMPERATURE SET POINT.
      B. IF ADDITIONAL HEAT IS NEEDED, REFER TO OCCUPIED HEATING MODE OPERATION.
   E. UNOCCUPIED COOLING MODE
      A. THE UNIT SHALL CONTROL FOR UNOCCUPIED COOLING SPACE TEMPERATURE SETPOINT.
      B. THE ECONOMIZER AND MECHANICAL COOLING SHALL OPERATE AS PER OCCUPIED MODE, WITH MINIMUM OUTDOOR AIR INTAKE RATE SET TO ZERO AND LEAVING AIR TEMPERATURE FIXED AT 55 DEGREES.
7. SAFETIES / OTHER CONTROL FUNCTIONS:
   A. IF AHU DISCHARGE TEMPERATURE DROPS BELOW 50°F DURING HEATING MODES, THE SOFTWARE SHALL STOP THE FANS, CLOSE OUTSIDE AIR DAMPER, AND PRINT AN ALARM MESSAGE AT THE OPERATOR'S TERMINAL INDICATING ROOM NUMBER AND DISCHARGE TEMPERATURE.
   B. ON TRIP OF FREEZESTAT, THE UNIT SHALL DISABLE BY HARD WIRE INTERLOCK, THE HEATING SHALL FULLY OPEN, AND THE ECONOMIZER FULLY CLOSE TO OUTDOOR AIR.
   c. ON TRIP OF FIRE ALARM THE UNIT SHALL PERFORM AN ORDERLY SHUTDOWN AS PER UNOCCUPIED MODE. ON CLEAR OF THE FIRE ALARM, THE UNIT SHALL PERFORM AN ORDERLY RESTART.
8. DEMAND CONTROL VENTILATION – OCCUPIED MODE:
   1. OVERVIEW:
      a. THE CO2 LEVEL FOR EACH UNIT UNDER CONTROL SHALL BE MEASURED USING BOTH SPACE CO2 SENSOR(S) AS LOCATED ON THE PROJECT DRAWINGS AND A RETURN AIR CO2 SENSOR. THE SPACE CO2 SENSOR(S) AND RETURN AIR CO2 SENSOR SHALL BE CONTINUOUSLY MONITORED, AND THE SENSOR WITH THE HIGHEST READING FOR THE UNIT UNDER CONTROL SHALL BE DEFINED AS THE "CONTROL CO2 LEVEL".
      b. THE HVAC SYSTEM SEQUENCE OF OPERATION BELOW REPRESENTS A FUNCTION THAT WILL OVERRIDE THE NORMAL THERMAL CONTROLS AS REQUIRED TO MAINTAIN OUTSIDE AIR REQUIREMENTS DURING OCCUPIED MODES.
      c. DURING OCCUPIED MODES THE OUTSIDE AIR DAMPER SHALL NEVER BE POSITIONED BELOW THE "CALCULATED OA VENTILATION REQUIREMENT". "CALCULATED OA VENTILATION REQUIREMENT" SHALL BE EQUAL TO THE "MIN OA" RATE PLUS ADDITIONAL OUTSIDE AIR VOLUME TO MAINTAIN AN INTERIOR CO2 CONCENTRATION
      d. PARAMETERS: "DCV OA" SHALL BE DEFINED AS THE MINIMUM OUTSIDE AIR QUANTITY FLOW RATE REQUIRED TO MAINTAIN DILUTION OF NON-OCCUPANT GENERATED CONTAMINANTS AND MAKEUP AIR REQUIREMENTS FOR ALL SPACES SERVICED BY THE UNIT UNDER CONTROL. "MINIMUM OA" SHALL BE DEFINED AS THE MINIMUM OUTSIDE AIR QUANTITY FLOW RATE REQUIRED AS DEFINED BY THE MECHANICAL CODE OF NEW YORK FOR THE POPULATION AND USE OF SPACES SERVED BY THE UNIT UNDER CONTROL. REFER TO AIR HANDLER SCHEDULE ON CONTRACT DOCUMENT H300 FOR SCHEDULED VALUES.
      e. CO2 UPPER LIMIT: THE UPPER LIMIT FOR SYSTEM OPERATION SHALL BE 600 PPM ABOVE OUTSIDE AIR CO2 CONCENTRATION. OUTSIDE AIR CO2 CONCENTRATION SHALL BE BASED ON ACTUAL MEASURED VALUES. (NOTE, IN THE EVENT OF AN OUTDOOR AIR CO2 SENSOR FAILURE, AN ALARM SHALL BE ANNUNCIATED AT THE OPERATORS CONSOLE AND THE CALCULATION SHALL DEFAULT TO A VALUE OF 380PPM TO ALLOW CONTINUED OPERATION OF THE DCV SEQUENCE.)
      f. CO2 TREND MONITORING: TREND OUTSIDE AIR AND SPACE AIR CO2 LEVELS AT FIFTEEN (15) MINUTE INTERVALS FOR A MINIMUM OF THREE (3) YEARS.
   2. AHU OUTSIDE AIR DAMPER CONTROL:
      a. THE CALCULATED OA VENTILATION REQUIREMENT SHALL BE DYNAMICALLY CALCULATED USING THE CONTROL CO2 LEVEL AND OUTDOOR AIR CO2 MEASUREMENTS. IF THE CONTROL CO2 LEVEL IS LESS THAN 100 PPM ABOVE OUTSIDE AIR CO2 LEVEL THE CALCULATED OA VENTILATION REQUIREMENT SHALL BE EQUAL TO THE MIN OA VALUE. AS THE CONTROL CO2 LEVEL RISES FROM 100 PPM TO 600 PPM ABOVE OUTSIDE AIR CO2 CONCENTRATION THEN THE DDC SYSTEM SHALL LINEARLY DETERMINE THE CALCULATED OA VENTILATION REQUIREMENT BETWEEN THE DCV OA AND MINIMUM OA VALUES. THE CALCULATED OA VENTILATION REQUIREMENT SHALL BE EQUAL TO MINIMUM OA WHENEVER THE CONTROL CO2 LEVEL REACHES 100PPM ABOVE AMBIENT. THE DDC SYSTEM SHALL CONTROL THE OUTDOOR AIR INTAKE VOLUME AT NO LESS THAN THE CALCULATED OA VENTILATION REQUIREMENT AND MODULATE THE OUTSIDE AIR DAMPERS OPEN UTILIZING A PROPORTIONAL-INTEGRAL (PI) LOOP TO REDUCE THE CO2 CONCENTRATION IN THE SPACE.
      b. IF THE DDC SYSTEM DETERMINES THAT IT IS BENEFICIAL TO USE ADDITIONAL OUTSIDE AIR FOR COOLING, THEN IT SHALL OVERRIDE THE DEMAND CONTROLLED VENTILATION ALGORITHM TO MODULATE THE DAMPERS TO AN INCREASED OPEN POSITION AS REQUIRED TO SATISFY SPACE SETPOINT. IF THE DDC SYSTEM DETERMINES THAT ADDITIONAL OUTSIDE AIR IS NO LONGER REQUIRED, THE SYSTEM SHALL CONTINUE ITS NORMAL DEMAND CONTROL VENTILATION ALGORITHM AND MODULATE DAMPERS AS REQUIRED TO MAINTAIN CO2 LEVEL PER SEQUENCE.
   3. START-UP PURGE CYCLE (60 MINUTES PRIOR TO OCCUPIED MODES):
      a. WHEN THE AHU STARTS, THE OUTDOOR AIR DAMPER SHALL OPEN, INITIATING A TIMED PURGE CYCLE. THE OUTDOOR AIR DAMPER SHALL MODULATE TO MAINTAIN THE MIXED AIRFLOW AT 50% OF SCHEDULED MINIMUM OA.
   4. POST PURGE CYCLE (USE PRIOR TO CHANGING FROM OCCUPIED MODE TO UNOCCUPIED MODE):
      a. SYSTEM SHALL NOT CHANGE FROM OCCUPIED MODE TO UNOCCUPIED MODE UNTIL SPACE CO2 LEVEL DROPS TO WITHIN 100PPM OF OUTDOOR AIR CO2 LEVEL.
9. START-UP PURGE CYCLE
   1. WHEN THE AHU STARTS, THE OUTDOOR AIR DAMPER SHALL OPEN, INITIATING A TIMED PURGE CYCLE. THE OUTDOOR AIR DAMPER SHALL MODULATE TO MAINTAIN THE MIXED AIRFLOW AT 50% OF SCHEDULED MIN OA OR AT DCV OA, WHICHEVER IS GREATER.
10. POST PURGE CYCLE
   1. SYSTEM SHALL NOT CHANGE FROM OCCUPIED MODE TO UNOCCUPIED MODE UNTIL SPACE CO2 LEVEL DROPS TO WITHIN 100PPM OF OUTDOOR AIR CO2 LEVEL. OA INTAKE RATE SHALL BE FIXED AT MIN OA DURING THIS POST PURGE PERIOD

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MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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EXP. 06/30/2026

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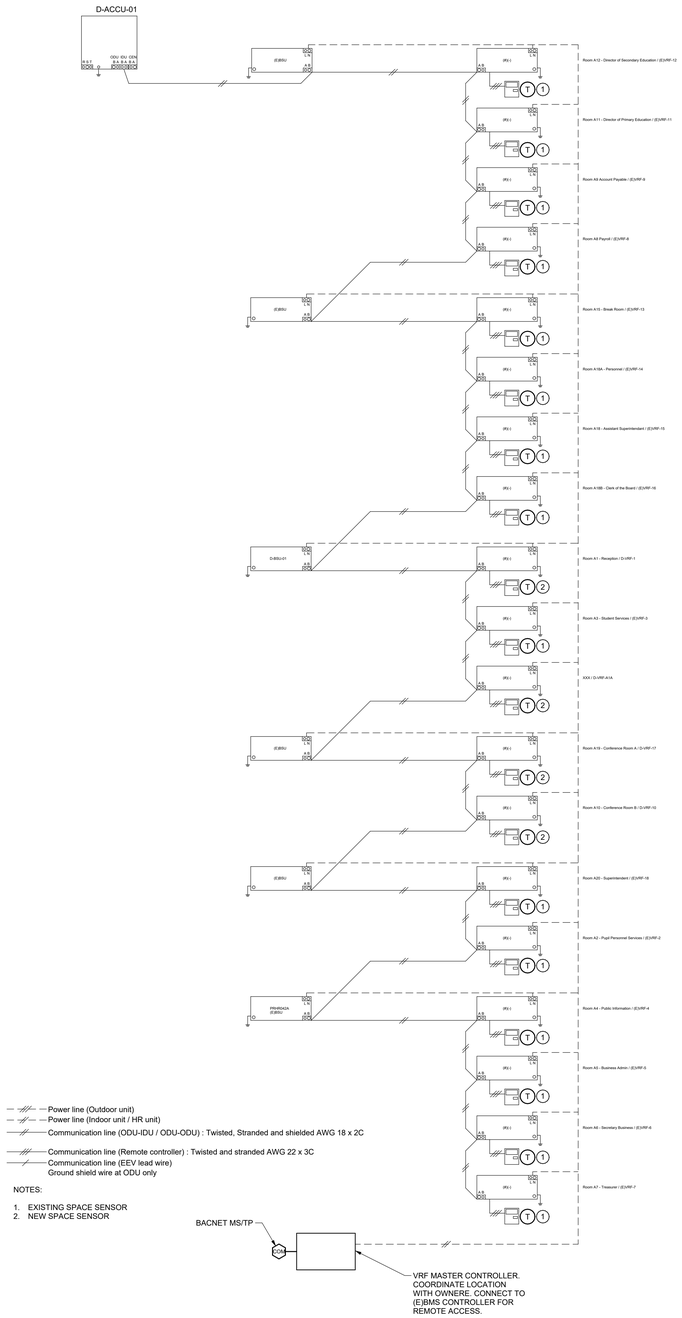
CONTROL DIAGRAMS - HVAC

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

D H5.06



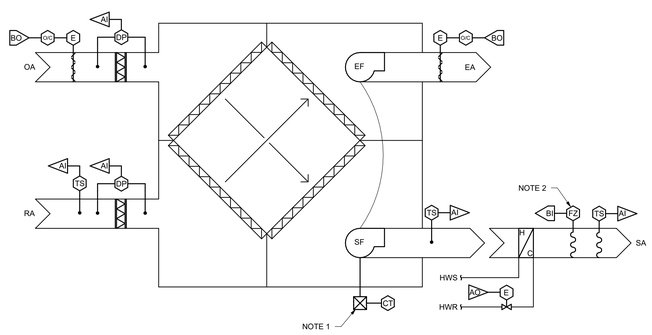
1 VARIABLE REFRIGERANT FLOW SYSTEM CONTROL DIAGRAM
NTS

SEQUENCE OF OPERATIONS

A. OFFICE AREA VRF SYSTEM
   a. SYSTEM INTEGRATION
      1. THE VRF SYSTEM MANUFACTURER CONTROLLER SHALL RUN UNDER ITS PRE-PROGRAMMED CONTROL SEQUENCES. A REMOTE MONITORING CONTROLLER SHALL BE PROVIDED , OR EXPANDED, TO PROVIDE BACNET INTEGRATION TO THE VRF SYSTEM CONTROLER. THROUGH THE BMS SYSTEM, SCHEUDLES, SETPOINTS, AND ALRAMS, SHALL BE MADE AVAILABLE.
      2. EACH FCU / CC SHALL BE CAPABLE OF INDEPENDENT SELECTION OF HEATING OR COOLING OPERATION ("ENERGY RECOVERY OPERATION") THROUGH THE ASSOCIATED MCU.
   b. OCCUPIED MODE
      1. DURING OCCUPIED MODE, THE VRF FAN COILS SHALL OPERATE CONTINUOUSLY. THE VRF COIL CONTROLS SHALL OPERATE TO MAINTAIN OCCUPIED HEATING/COOLING SPACE TEMPERATURE SETPOINT.
      2. BETWEEN SETPOINTS, THE BLOWER SHALL CONTINUE TO OPERATE WITHOUT HEATING OR COOLING ACTIVE.
   c. UNOCCUPIED MODE
      1. DURING UNOCCUPIED MODE, THE VRF FAN COIL FANS SHALL NORMALLY BE OFF. IF A CALL FOR HEAT OR COOLING IS DETECTED BY THE SPACE TEMPERATURE SENSOR/CONTROLLER, THE FAN COIL SHALL CYCLE BOTH FAN AND VRF COIL CONTROLS TO MAINTAIN UNOCCPUIED TEMPERATURE SETPOINTS.

VRF SYSTEM POINTS LIST	HARDWARE POINTS				SOFTWARE POINTS					NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	SCH	TREND	ALARM DESCRIPTION	
SPACE TEMPERATURE					X			X	(+/-) 2°F ABOVE SPACE TEMPERATURE SETPOINT	1
SPACE HEATING SETPOINT					X			X		1
SPACE COOLING SETPOINT					X			X		1
VRF FAN COIL UNIT / SYSTEM ENABLE/DISABLE						X	X	X		1
VRF SYSTEM ALARM (MULTI FUNCTION CODE)						X		X	ALARM CONDITION NOTED	1, 2, 3
FAN SPEED					X			X		1
OPERATING MODE					X			X		1, 2

NOTES:
1. BACNET OBJECT.
2. DEFINE ACTUAL VALUE BASED ON MULTI-STATE POINT
3. REFRIGERANT LEAK DETECTION CONTROL PANEL SHALL COME FACTORY INSTALLED BY THE FAN COIL UNIT MANUFACTURER FOR INTEGRATION INTO THE BMS.



NOTES:
1. UNIT ENABLE OPENS OUTDOOR AIR ISOLATION DAMPER, FANS START VIA HARD WIRE INTERLOCK TO ISOLATION DAMPER END SWITCH.
2. INTERLOCK FREEZESTAT TO STARTER CIRCUIT TO SHUTDOWN ON LOW TEMPERATURE DETECTION.

2 ENERGY RECOVERY VENTILATOR W/HW COIL CONTROL DIAGRAM
NTS

SEQUENCE OF OPERATIONS

A. ENERGY RECOVERY VENTILATION AIR UNIT WITH HOT WATER REHEAT
   1. THE ENERGY RECOVERY VENTILATOR IS A 100% OUTSIIDE AIR UNIT THAT PROVIDES VENTILATION AIR TO SPACES SERVED.
   2. THE ERV SHALL ENERGIZE BASED ON OCCUPANCY SCHEDULE AND SHALL RUN DURING ALL OCCUPIED TIMES.
   3. THE REHEAT COIL SHALL MODULATE TO MAINTAIN A LEAVING AIR TEMPERATURE OF 65F (ADJ) WHENEVER THE VRF SYSTEM IS IN HEATING MODE.

ERV CONTROL SUMMARY	HARDWARE POINTS				SOFTWARE POINTS				NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	TREND	ALARM DESCRIPTION	
RETURN AIR TEMPERATURE			X				X		
ERV SUPPLY AIR TEMPERATURE			X				X		
HEATING COIL COIL LEAVING AIR TEMPERATURE			X				X	<35 DEG F (ADJ.)	
ERV ENABLE/DISABLE		X					X	STATUS NOT EQUAL TO COMMAND	1
FREEZESTAT STATUS	X							FREEZESTAT FAN SHUTDOWN	
HOT WATER REHEAT CONTROL VALVE				X			X		
OUTDOOR AIR FILTER DP			X						
RETURN AIR FILTER DP			X						
FAN STATUS	X						X	STATUS NOT EQUAL TO COMMAND	

NOTES:
1. FAN TO START VIA INTERLOCK TO DAMPER END SWITCHES.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

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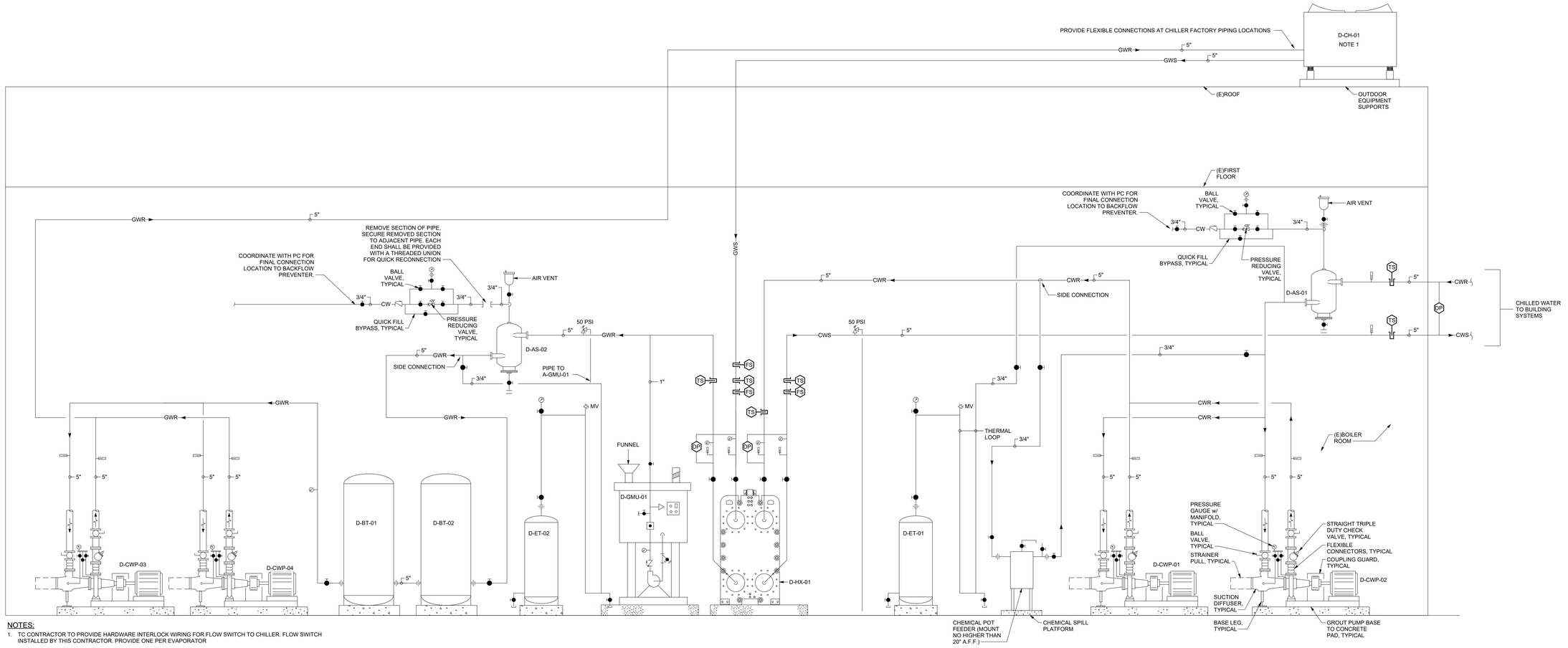
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SCALE: **AS NOTED**

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CONTROL DIAGRAMS - HVAC

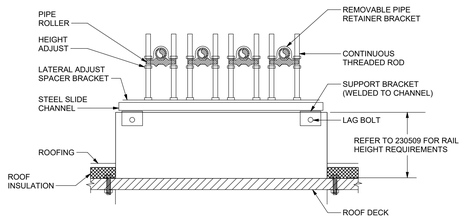
D H5.07



NOTES:

1. TC CONTRACTOR TO PROVIDE HARDWARE INTERLOCK WIRING FOR FLOW SWITCH TO CHILLER. FLOW SWITCH INSTALLED BY THIS CONTRACTOR. PROVIDE ONE PER EVAPORATOR

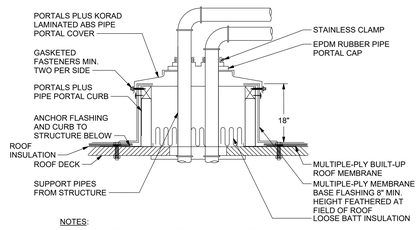
1 CHILLED WATER SYSTEM PIPING DIAGRAM
NTS



NOTES:

1. G.C. TO PROVIDE ROOF OPENING, SUPPORT, FRAMING AND ROOF FLASHING. M.C. TO FURNISH CURB AND PROVIDE LOCATION. G.C. SHALL PROVIDE SETTING AND SECURING OF CURB.
2. LENGTH OF SUPPORT AS CALLED FOR.
3. EXPOSED METAL OF SUPPORT SYSTEMS AND ATTACHMENT HARDWARE SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.

3 PIPE PEDESTAL MOUNT DETAIL
NTS



NOTES:

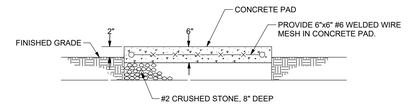
A. G.C. TO PROVIDE ROOF OPENING, SUPPORT, FRAMING AND ROOF FLASHING. M.C. TO FURNISH CURB AND PROVIDE LOCATION. G.C. SHALL PROVIDE SETTING AND SECURING OF CURB.

B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

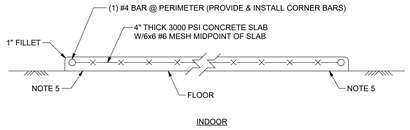
C. ASSEMBLY SHALL CONTAIN A MINIMUM OF (4) PIPE BOOTS UNLESS OTHERWISE INDICATED.

D. IN ADDITION TO REQUIRED NUMBER OF BOOTS FOR NEW PIPING, PROVIDE (2) SPARE BOOTS FOR ELECTRICAL CONDUIT PENETRATIONS.

4 MULTIPORT PIPE CURB DETAIL
NTS



OUTDOOR

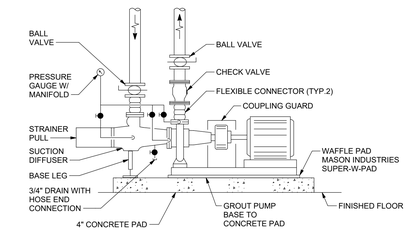


INDOOR

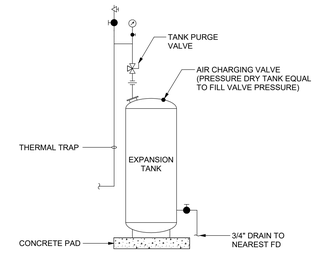
NOTES:

1. THIS DETAIL IS DIAGRAMMATIC ONLY. THE EQUIPMENT PAD MUST BE APPROVED BY THE MANUFACTURER AS SPECIFIED.
2. PROVIDE TROWEL FINISH.
3. SET ANCHOR BOLTS IN SLEEVES BEFORE POURING.
4. OVERALL PAD DIMENSIONS SHALL EXTEND 6" BEYOND EQUIPMENT BASE IN ALL DIRECTIONS.
5. PROVIDE 1/2" REBAR DOWEL, 1 MIN PER 2 SQ FT PAD AREA, MIN 2 PER SIDE.

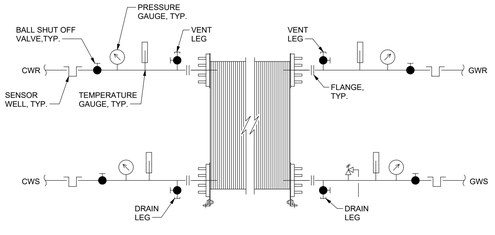
2 Concrete Equipment Pad Detail
NTS



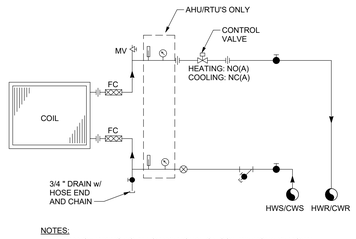
5 BASE MOUNTED PUMP DETAIL - END SUCTION
NTS



9 Details - Expansion Tank Detail
NTS



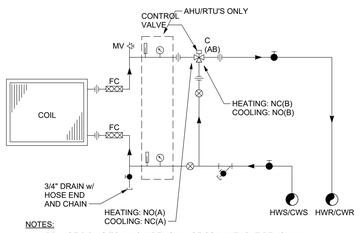
6 HEAT EXCHANGER PIPING DETAIL
NTS



NOTES:

1. ARRANGE PIPING TO ALLOW REMOVAL OF COIL WITHOUT REMOVAL OF PIPING AHEAD OF UNIONS AND TO ALLOW ACCESS TO FILTER AND ACCESS PANEL.
2. PIPE SUPPLY TO DISCHARGE AIR SIDE.

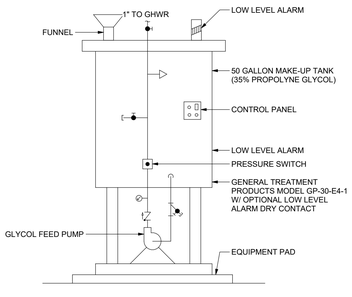
7 COIL PIPING DETAIL - 2-WAY VALVE
NTS



NOTES:

1. ARRANGE PIPING TO ALLOW REMOVAL OF COIL WITHOUT REMOVAL OF PIPING AHEAD OF UNIONS AND TO ALLOW ACCESS TO FILTER AND ACCESS PANEL.

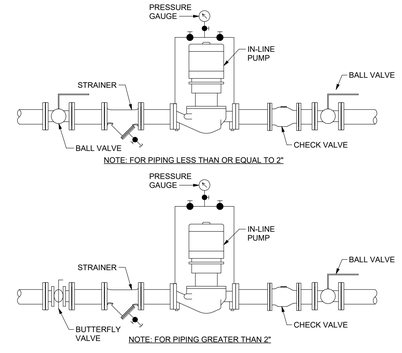
8 COIL PIPING DETAIL - 3-WAY VALVE
NTS



NOTES:

1. WIRING OF LOW LEVEL ALARM TO BMS BY DIV. 23.

10 GLYCOL FILL DETAIL
NTS



NOTE: FOR PIPING LESS THAN OR EQUAL TO 2"

NOTE: FOR PIPING GREATER THAN 2"

11 INLINE PUMP DETAIL
NTS

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MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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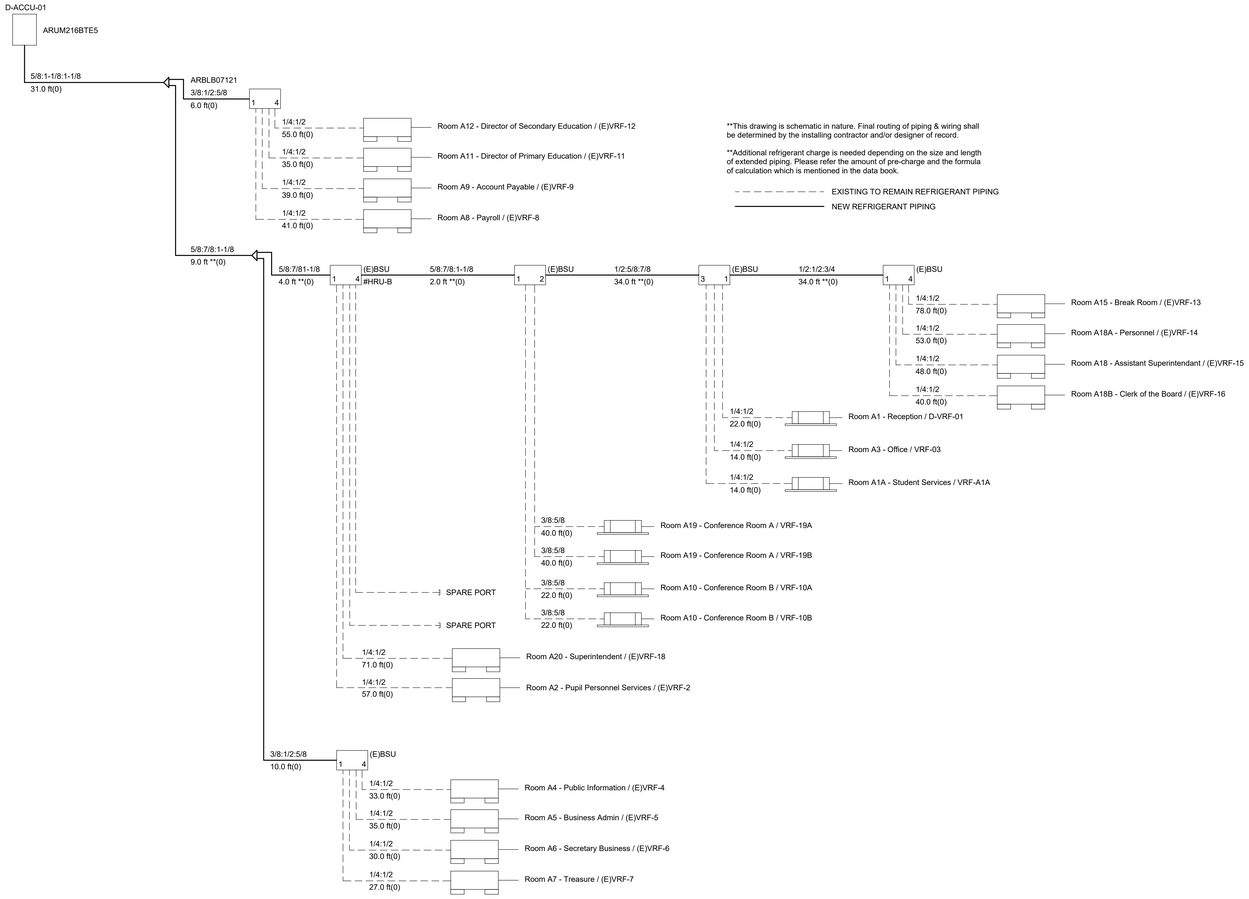
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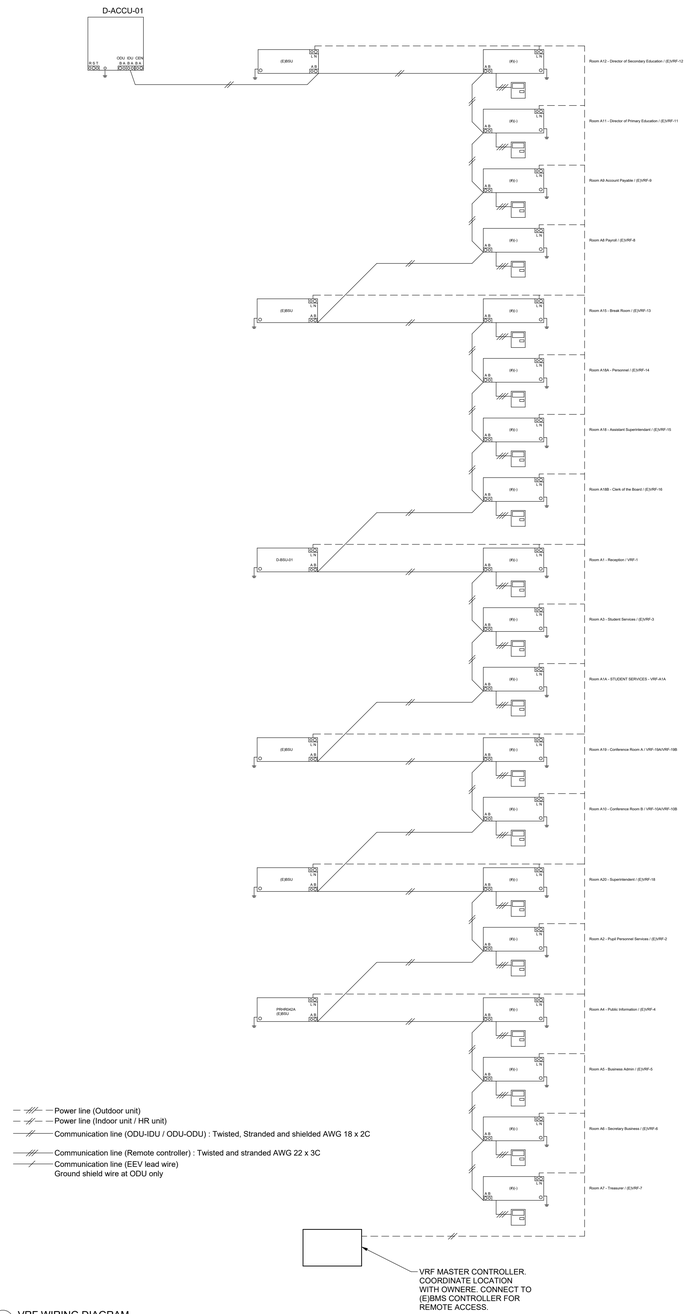
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DETAILS - HVAC

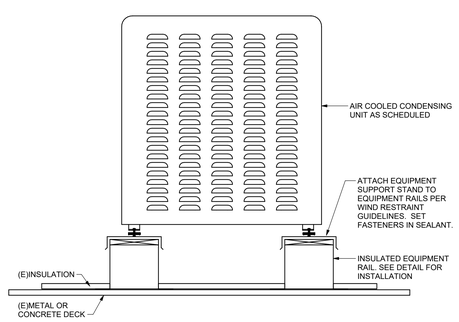
D H9.01



1 VRF PIPING DIAGRAM
NTS

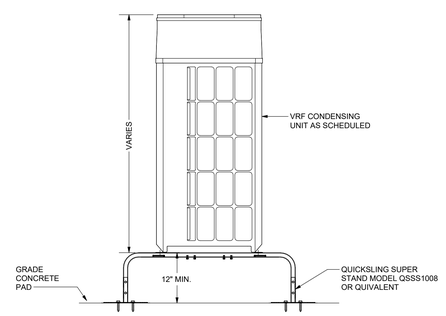


2 VRF WIRING DIAGRAM
NTS



NOTES:
A. G.C. TO PROVIDE ROOF OPENING, SUPPORT, FRAMING AND ROOF FLASHING. M.C. TO FURNISH CURB AND PROVIDE LOCATION. G.C. SHALL PROVIDE SETTING AND SECURING OF CURB.
B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

3 Roof Mounted Condensing Unit Elevation Detail
NTS



END ELEVATION

4 CONDENSING UNIT EQUIPMENT SUPPORT DETAIL - SINGLE CONDENSING UNIT
NTS

king+king
ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

IBC Engineering, P.C.
ROCHESTER ● BUFFALO
MECHANICAL ● ELECTRICAL
COMMUNICATIONS
3445 WINTON PLACE, SUITE 219
ROCHESTER, NY 14623
Phone: 585.292.1590
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www.ibceng.com
IBC # 24044

STATE OF NEW YORK
JOR C. HELBERG
EXP. 06/30/2026
080515
LICENSED PROFESSIONAL ENGINEER

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MARK	DATE	DESCRIPTION
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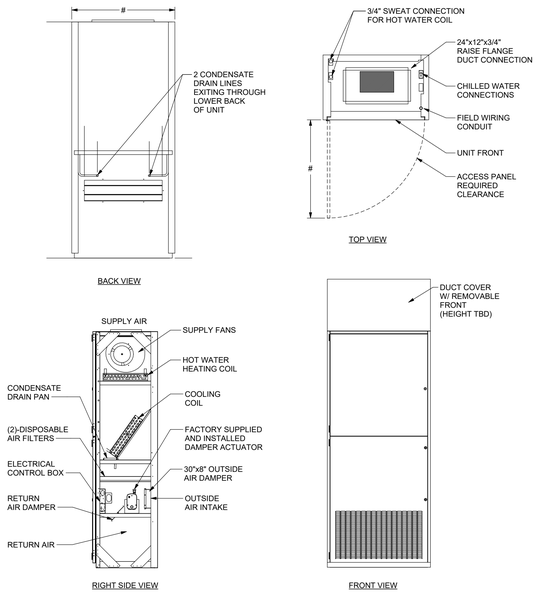
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

DETAILS - HVAC

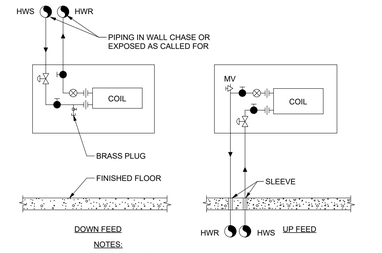
D H9.02



NOTES:

1. PROVIDE FACTORY SUPPLIED COIL PIPING PACKAGE. CONTRACTOR SHALL SPECIFY TERMINATION OF COIL CONNECTIONS.
2. PROVIDE PACKAGED STARTER/DISCONNECT SWITCH.
3. PROVIDE DUCT COVER. CONTRACTOR SHALL VERIFY REQUIRED HEIGHT OF COVER. COVER SHALL EXTEND PAST CEILING LINE A MINIMUM OF 2 INCHES.

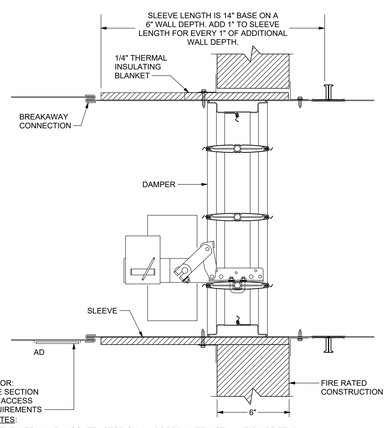
1 UNIT VENTILATOR DETAIL - CHILLED WATER/HOT WATER
NTS



NOTES:

1. PIPING FOR CEILING MOUNTED UNITS IS SIMILAR.

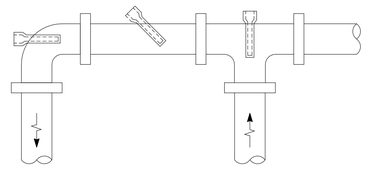
2 CABINET UNIT HEATER PIPING DETAIL
NTS



NOTES:

1. THE MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF STUD FRAMING AROUND SLEEVE WITH THE G.C.
2. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.

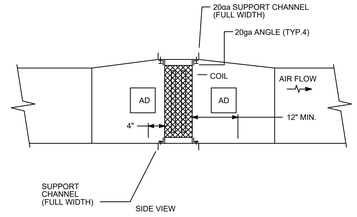
3 FIRE/SMOKE DAMPER INSTALLATION DETAIL
NTS



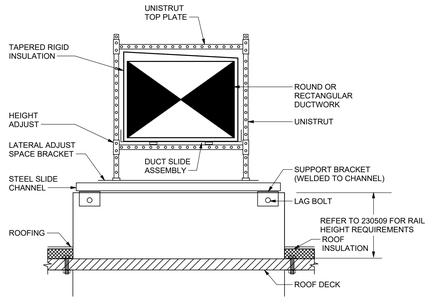
NOTES:

1. IMMERSION PROBES MUST BE INSTALLED INTO THERMOWELL.
2. INSTALL WELL INTO SADDLE (OR THREDOLET).
3. INSTALL WELL SUCH THAT INSERTED TIP DOES NOT TOUCH FAR SIDE OF PIPE.
4. USE THEMAL COMPOUND INSIDE THE WELL.

4 Immersion Well Installation Detail
NTS



5 Inline Duct Coil Detail
NTS



NOTES:

A. G.C. TO PROVIDE ROOF OPENING, SUPPORT, FRAMING AND ROOF FLASHING. M.C. TO FURNISH CURB AND PROVIDE LOCATION. G.C. SHALL PROVIDE SETTING AND SECURING OF CURB.

B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

C. LENGTH OF SUPPORTS AS REQUIRED.

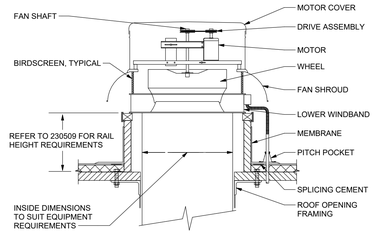
D. DETAIL SIMILAR FOR ROUND DUCTWORK.

E. BOTTOM OF DUCTWORK INSULATION SHALL BE A MINIMUM OF 18 INCHES ABOVE FINISHED ROOF.

F. INSULATION ON TOP OF EXTERIOR DUCTWORK SHALL BE SLOPED TO PREVENT POOLING OF WATER.

G. EXPOSED METAL OF SUPPORT SYSTEMS AND ATTACHMENT HARDWARE SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.

8 DUCT PEDESTAL MOUNT DETAIL
NTS



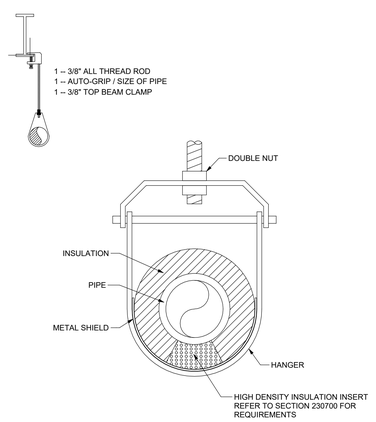
NOTES:

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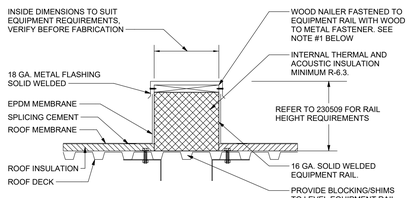
B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

C. DIRECT DRIVE AND EC MOTOR FANS SIMILAR.

7 BELT DRIVE DOWN BLAST EXHAUST FAN DETAIL - FLAT ROOF
NTS



6 Pipe Hanger Detail
NTS

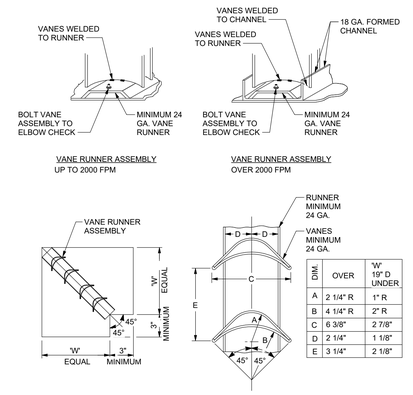


NOTES:

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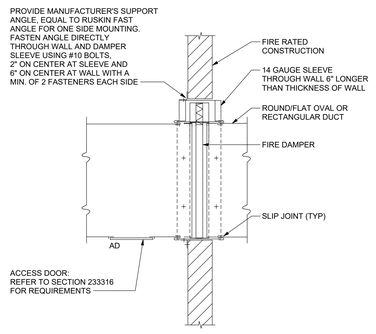
B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

9 EQUIPMENT RAIL INSTALLATION DETAIL - METAL ROOF DECK
NTS



DIM.	OVER	"W" 19" D UNDER
A	2 1/4" R	1" R
B	4 1/4" R	2" R
C	6 3/8"	2 7/8"
D	2 1/4"	1 1/8"
E	3 1/4"	2 1/8"

10 Details - Vaned Elbow Detail
NTS



NOTES:

1. FOR DOUBLE WALL DUCT, USE INSULATION END CAP AND INSULATE SLEEVE.
2. COORDINATE WITH G.C. FOR STUD FRAMING AT FIRE DAMPER SLEEVE.
3. THE MECHANICAL CONTRACTOR SHALL COORDINATE INSTALLATION OF STUD FRAMING AROUND SLEEVE WITH THE G.C.
4. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. HORIZONTAL INSTALLATION IS SIMILAR.
6. TYPE "A" INSTALLATION IS SIMILAR.

12 FIRE DAMPER INSTALLATION DETAIL - TYPE B
NTS

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

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STATE OF NEW YORK — JOHN C. HELBING — EXP. 06/30/2026 — 080515 — LICENSED PROFESSIONAL ENGINEER

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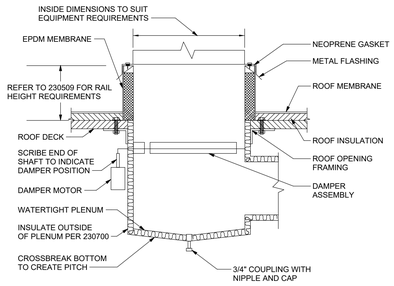
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

DETAILS - HVAC

D H9.03

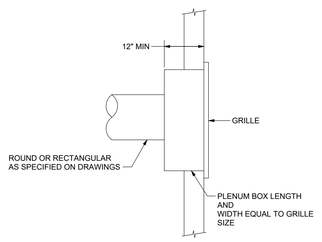


NOTES:

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B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

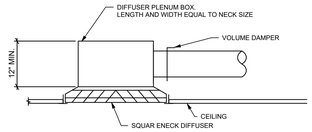
1 ROOF INTAKE CURB DETAIL - MEMBRANE ROOF
NTS



NOTES:

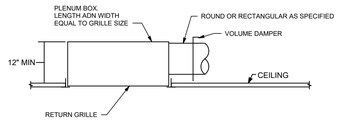
1. PAINT INSIDE OF PLENUM BLACK.

2 TYPICAL SIDEWALL GRILLE INSTALLATION DETAIL
NTS

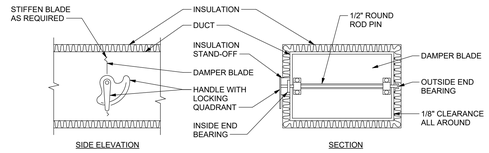


1. PROVIDE OBD FOR INSTALLATION IN HARD CEILING/WALL.
2. LOCATE VOLUME DAMPER (VD) AS CLOSE TO BRANCH MAIN AS POSSIBLE.

4 Diffuser Installation Detail
NTS



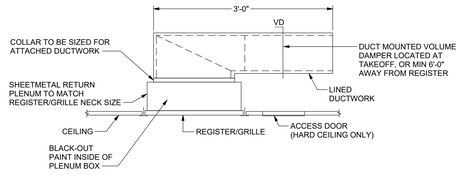
3 Return Grille Detail
NTS



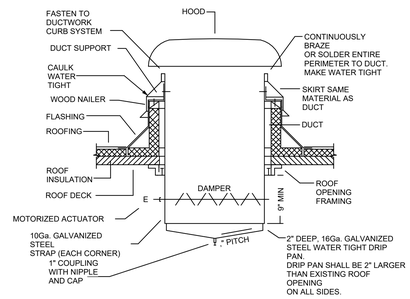
NOTES:

1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSULATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.
3. REFER TO SECTION 233000 FOR ADDITIONAL REQUIREMENTS.

5 VOLUME DAMPER DETAIL
NTS

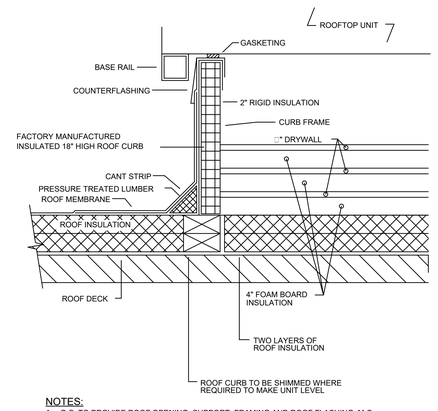


6 Return Plenum & Sound Trap Detail
NTS



1. G.C. TO PROVIDE ROOF OPENING, SUPPORT, FRAMING AND ROOF FLASHING. MECHANICAL CONTRACTOR TO PROVIDE CURB AND MECHANICAL EQUIPMENT, LOCATION, SETTING AND SECURING OF CURB.

7 Roof Relief Hood / Intake Hood Detail
NTS

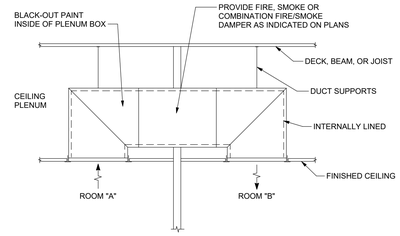


NOTES:

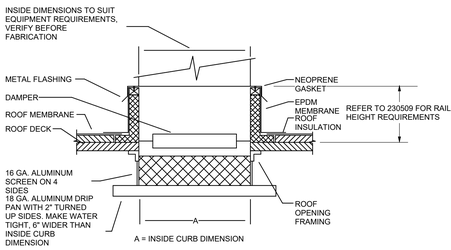
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B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

8 Rooftop Unit Curb Detail
NTS



9 Transfer Duct Detail
NTS

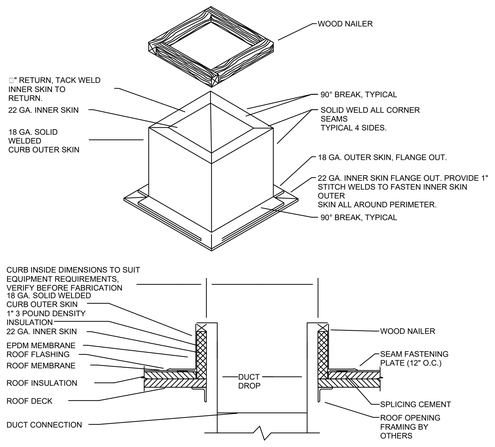


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B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

10 Relief / Exhaust / Intake Outlet Detail
NTS

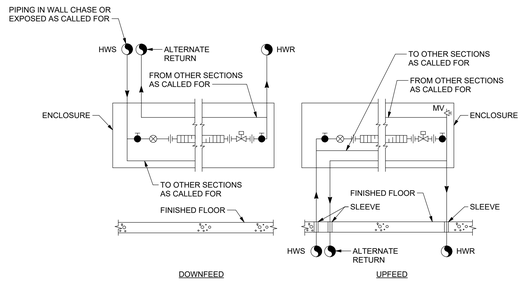


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B. ATTACH CURB TO ROOF AND EQUIPMENT TO CURB PER WIND RESTRAINT SPECIFICATION.

11 Insulated Roof Curb Detail
NTS



12 FIN RADIATION DETAIL - HOT WATER
NTS

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
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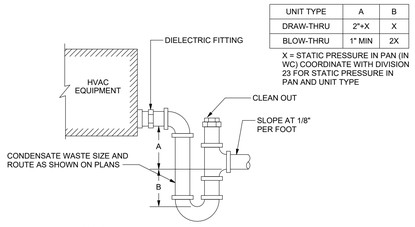
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

DETAILS - HVAC

D H9.04

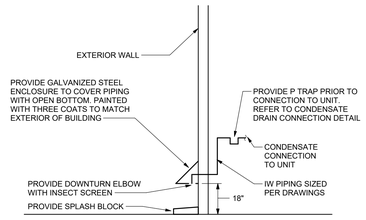


UNIT TYPE	A	B
DRAW-THRU	2"+X	X
BLOW-THRU	1" MIN	2X

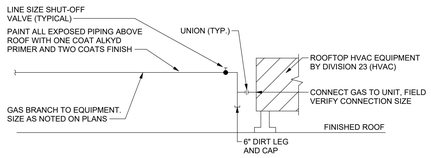
X = STATIC PRESSURE IN PAN (IN WC) COORDINATE WITH DIVISION 23 FOR STATIC PRESSURE IN PAN AND UNIT TYPE

NOTES:
1. REFER TO SPECIFICATIONS FOR PIPING AND INSULATION REQUIREMENTS. PIPING SHALL BE RIGID COPPER TYPE DWV OR L.
2. DIELECTRIC FITTINGS TO BE USED ONLY WHEN TWO DISSIMILIAR METALS ARE CONNECTED.
3. PROVIDE ECCENTRIC REDUCER BETWEEN EQUIPMENT AND TRAP ASSEMBLY WHERE REQUIRED.

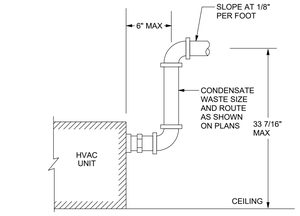
1 CONDENSATE DRAIN CONNECTION DETAIL
NTS



2 INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL
NTS

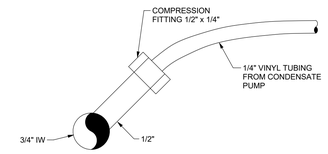


3 GAS EQUIPMENT CONNECTION DETAIL
NTS



NOTES:
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2. DIELECTRIC FITTINGS TO BE USED ONLY WHEN TWO DISSIMILIAR METALS ARE CONNECTED.
3. PROVIDE ECCENTRIC REDUCER BETWEEN EQUIPMENT AND PIPING WHERE REQUIRED.

4 INTERNAL PUMP UNIT CONDENSATE DRAIN CONNECTION DETAIL
NTS



5 VINYL TUBE CONNECTION DETAIL
NTS

LEGEND			
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NEW TO EXISTING CONNECTION		SOLENOID VALVE
	REMOVE TO THIS POINT		REGULATOR
	WORK TO BE REMOVED		BUTTERFLY VALVE
	VENT (V)		PRESSURE GAUGE
	SANITARY (SAN)		CAP OR PLUG
	STORM (ST)		UNION
IW	INDIRECT WASTE (IW)		FLOOR DRAIN (FD)
AW	ACID WASTE (AW)		ROOF DRAIN (RD)
AV	ACID VENT (AV)		PLUG VALVE
G	NATURAL GAS (G)		PUMP
	CLEANOUT (CO)	WPCO	WALL PLATE CLEANOUT
	P-TRAP	DPCO	DECK PLATE CLEANOUT
	DIRECTION OF FLOW	N.O.	NORMALLY OPEN
	ELBOW UP, ELBOW DOWN	N.C.	NORMALLY CLOSED
	TEE - TOP CONNECTION	AFF	ABOVE FINISHED FLOOR
	TEE - BOTTOM CONNECTION	ETR	EXISTING TO REMAIN
	BALL VALVE	VTR	VENT THROUGH ROOF
	GATE VALVE	PD	PUMP DISCHARGE
	CHECK VALVE	PC	PLUMBING CONTRACTOR
	REFERENCE TO DRAWING NOTE	MC	MECHANICAL CONTRACTOR
	REFERENCE TO REMOVAL NOTE	EC	ELECTRICAL CONTRACTOR
	DETAIL/PLAN REFERENCE SYMBOL	GC	GENERAL CONTRACTOR
		SC	SITE CONTRACTOR

GENERAL PLUMBING NOTES:

A. PIPING SHOWN ON THIS DRAWING IS BASED ON LIMITED RECORD DRAWINGS AND CONDITIONS VIEWED DURING FIELD INVESTIGATIONS. THE CONTRACTOR SHALL CONFIRM EXISTING PIPING AND SIZES. NOTIFY THE OWNER'S REPRESENTATIVE AND THE ENGINEER OF SIGNIFICANT DISCREPANCIES PRIOR TO COMMENCEMENT OF WORK.

B. DO NOT SHUT DOWN ANY PLUMBING, NATURAL GAS OR RELATED SYSTEM WITHOUT BUILDING OWNER'S PRIOR WRITTEN APPROVAL. FOLLOW ALL OWNER REQUIREMENTS AND SHUT DOWN PROCEDURES AS WELL AS ALL REQUIREMENTS OF THIS PROJECT.

C. IF REQUIRED, PROVIDE SHUT DOWNS AND TIE-INS ON OFF HOURS TO AVOID DISRUPTION OF BUILDING SYSTEMS. COORDINATE ALL SHUT DOWN REQUIREMENTS PRIOR TO SUBMITTING BID (INCLUDE ALL WORK REQUIRED DURING OFF HOURS IN BID).

D. DEMOLITION SHALL INCLUDE REMOVAL OF PIPING, HANGERS, RODS, INSULATION, SUPPORTS, VALVES AND RELATED WORK. DEMOLITION SHALL INCLUDE LEGAL DISPOSAL OF ALL ITEMS REMOVED.

E. REMOVE AND REPLACE EXISTING CEILINGS AS REQUIRED FOR WORK SHOWN. REPLACE ALL DAMAGED CEILINGS; PROVIDE NEW CEILINGS. FIELD VERIFY CEILING TYPES AND EXTENT OF THIS WORK PRIOR TO BID DATE AND INCLUDE IT IN THE BID.

F. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.

G. FIELD VERIFY EXACT LOCATION, DEPTH, COMPOSITION AND CONDITION OF ALL PIPING, VALVES AND SYSTEMS AS REQUIRED FOR WORK OF THE CONTRACT.

H. PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS, SLABS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER, ARCHITECT, ENGINEER AND GENERAL CONTRACTOR.

I. COORDINATE ALL VENT TERMINATIONS ABOVE ROOF WITH HVAC CONTRACTOR. ALL VENT TERMINATIONS ABOVE ROOF SHALL BE A MINIMUM OF 10'-0" AWAY FROM ANY HVAC OUTSIDE AIR INTAKE (ROOFTOP UNIT, LOUVER, ETC.).

J. PITCH ALL SANITARY, WASTE AND STORM PIPING SHOWN ON THESE DRAWINGS AS FOLLOWS: PIPING 3" AND SMALLER, PITCH AT 2 PERCENT (1/4" PER FOOT) MINIMUM, PIPING 4" AND LARGER, PITCH AT 1 PERCENT (1/8" PER FOOT) MINIMUM.

K. PITCH ALL INDIRECT WASTE (IW) PIPING SHOWN ON THESE DRAWINGS AT 1 PERCENT (1/8" PER FOOT) MINIMUM.

L. CONTRACTOR SHALL IMMEDIATELY NOTIFY THE OWNER OR OWNER'S REPRESENTATIVE UPON THE DISCOVERY OF ANY DEAD LEGS OR DEAD ENDS IN THE DOMESTIC HOT WATER PIPING SYSTEM.

M. ALL PIPING PENETRATIONS THROUGH RATED WALLS OR FLOORS OR CEILINGS SHALL BE PROVIDED WITH FIRE/SMOKE STOPPING'S PER SPECIFICATION. REFER TO THE CODE ANALYSIS DRAWINGS FOR ALL RATED WALL LOCATIONS. ALL FLOORS SHALL BE CONSIDERED RATED.

king+king ARCHITECTS

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KING + KING PROJ. NO.: **23-44-7954**

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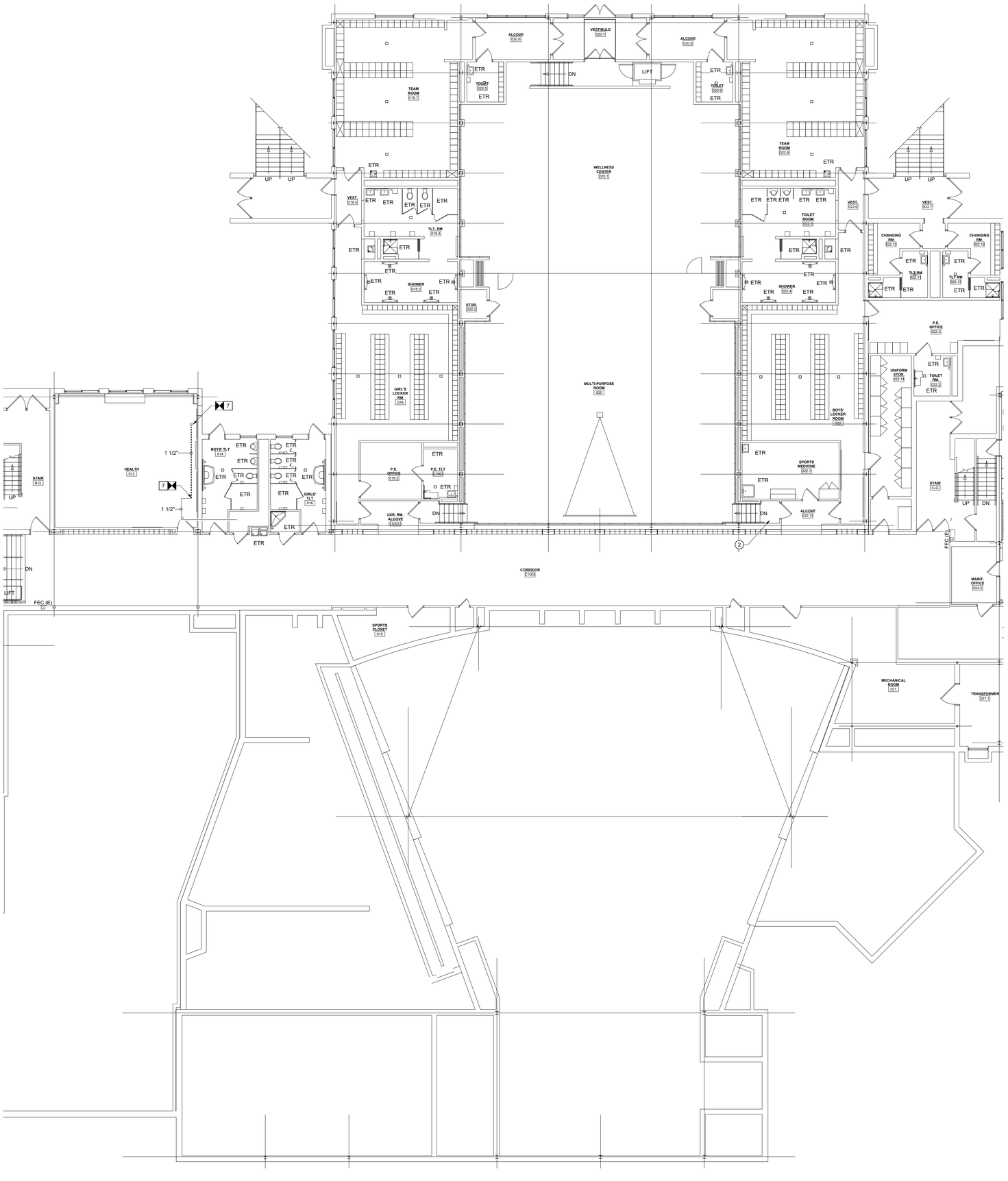
DRAWING TITLE:

GENERAL NOTES AND LEGENDS - PLUMBING

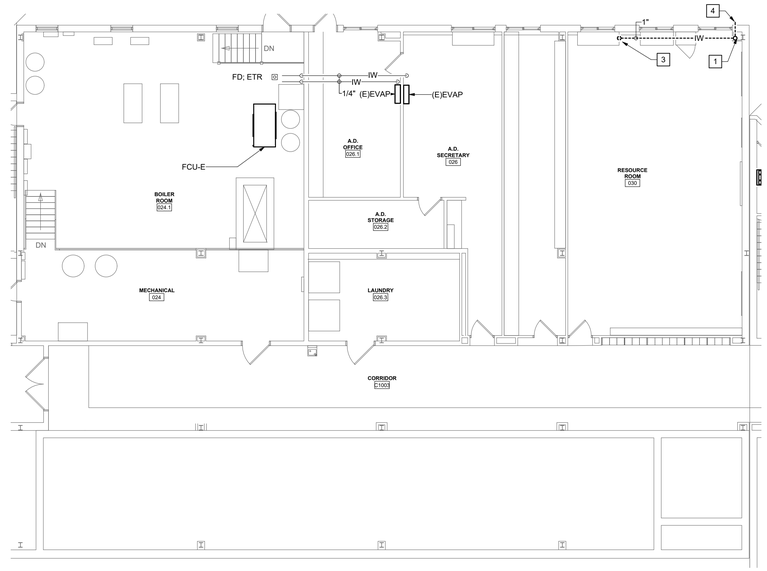
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REMOVAL NOTES:

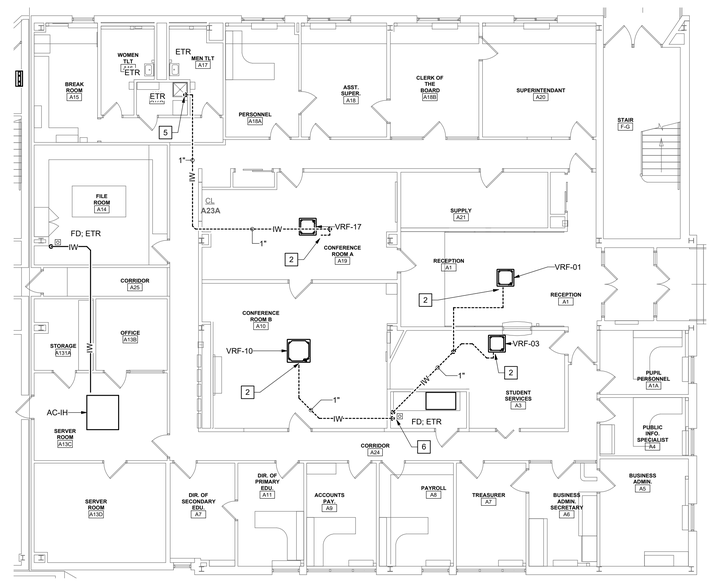
1. DISCONNECT AND REMOVE 3/4" IW PIPING UP TO FIRST FLOOR.
2. DISCONNECT AND REMOVE 1" IW PIPING FROM HVAC UNIT. HVAC UNIT TO BE REMOVED BY MC. COORDINATE WITH MC.
3. DISCONNECT AND REMOVE 1" IW PIPING UP TO SECOND FLOOR.
4. DISCONNECT AND REMOVE 1" IW PIPING THROUGH THE EXTERIOR COMPLETE. PATCH EXTERIOR TO MATCH EXISTING.
5. DISCONNECT AND REMOVE 1" IW PIPING DOWN TO MSS COMPLETE.
6. DISCONNECT AND REMOVE (2) 1" IW PIPING DOWN TO FLOOR DRAIN COMPLETE.
7. DISCONNECT AND REMOVE 1 1/2" SAN FROM LOCATION SHOWN. PREPARE SAN PIPING TO REMAIN FOR NEW CONNECTION.



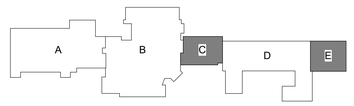
4 GROUND FLOOR PLAN - AREA B - PLUMBING DEMOLITION
1/8" = 1'-0"



1 GROUND FLOOR PLAN - AREA C - PLUMBING DEMOLITION
1/8" = 1'-0"



2 GROUND FLOOR PLAN - AREA E - PLUMBING DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

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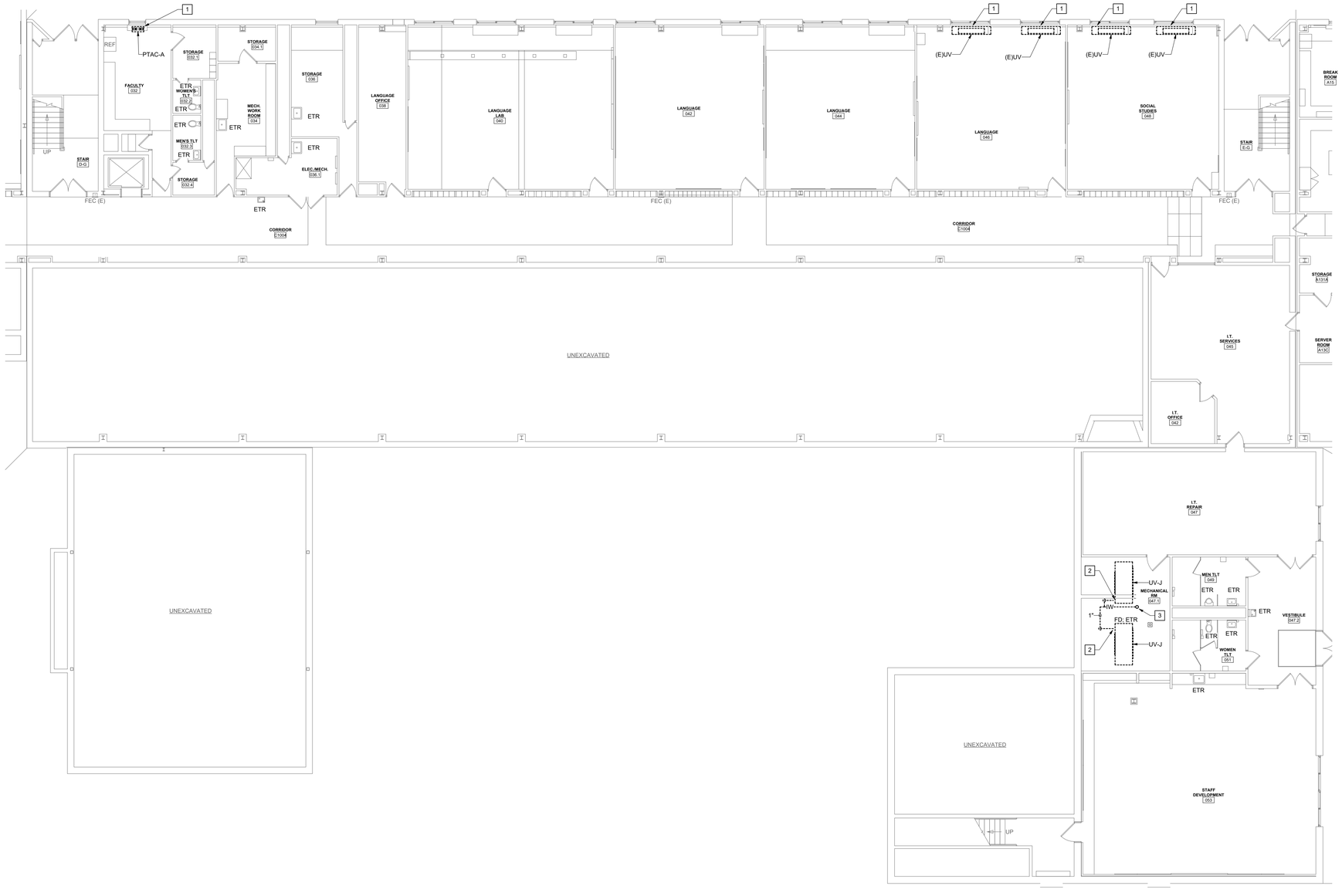
DRAWING TITLE:

GROUND FLOOR PLAN - AREA C AND E - PLUMBING DEMOLITION

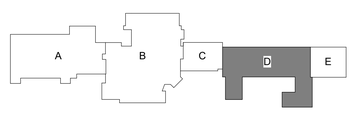
D P0.01

REMOVAL NOTES:

1. DISCONNECT AND REMOVE 3/4" IW PIPING FROM HVAC UNIT THROUGH EXTERIOR WALL COMPLETE. PATCH WALL TO MATCH EXISTING. COORDINATE WITH MC.
2. DISCONNECT AND REMOVE 1" IW PIPING FROM UV. HVAC UNIT TO BE REMOVED BY MC. COORDINATE WITH MC.
3. DISCONNECT AND REMOVE 1" IW PIPING TO 4" SAN RISER COMPLETE. PREPARE 4" SAN RISER FOR NEW CONNECTION.



1 GROUND FLOOR PLAN - AREA D - PLUMBING DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

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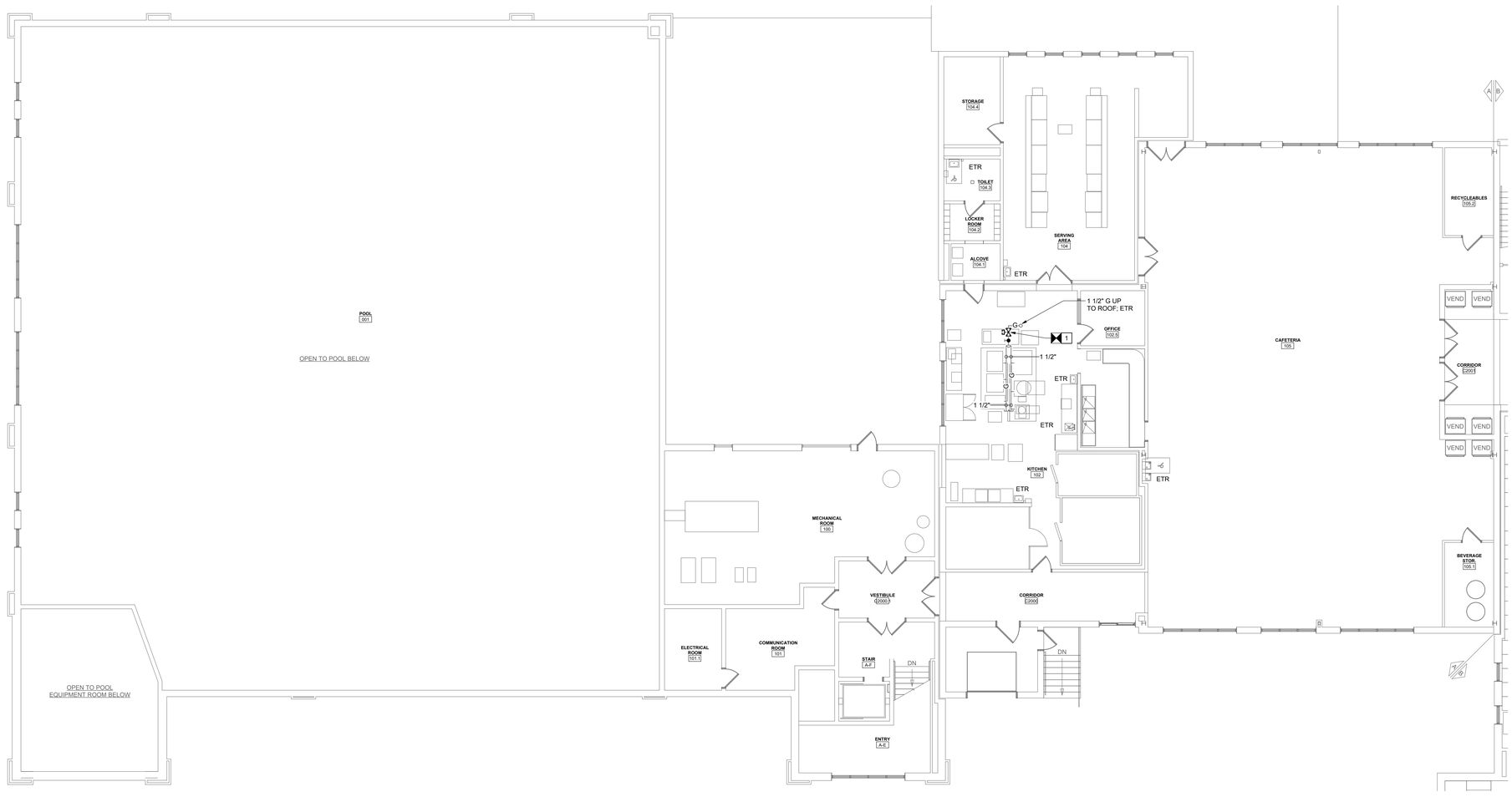
DRAWING TITLE:

GROUND FLOOR PLAN - AREA D - PLUMBING DEMOLITION

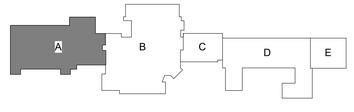
D P0.02

REMOVAL NOTES:

1. DISCONNECT AND REMOVE SOLENOID VALVE. DISCONNECT 1 1/2" G PIPING TO AND FROM SOLENOID VALVE.



1 FIRST FLOOR PLAN - AREA A - PLUMBING DEMOLITION
1/8" = 1'-0"



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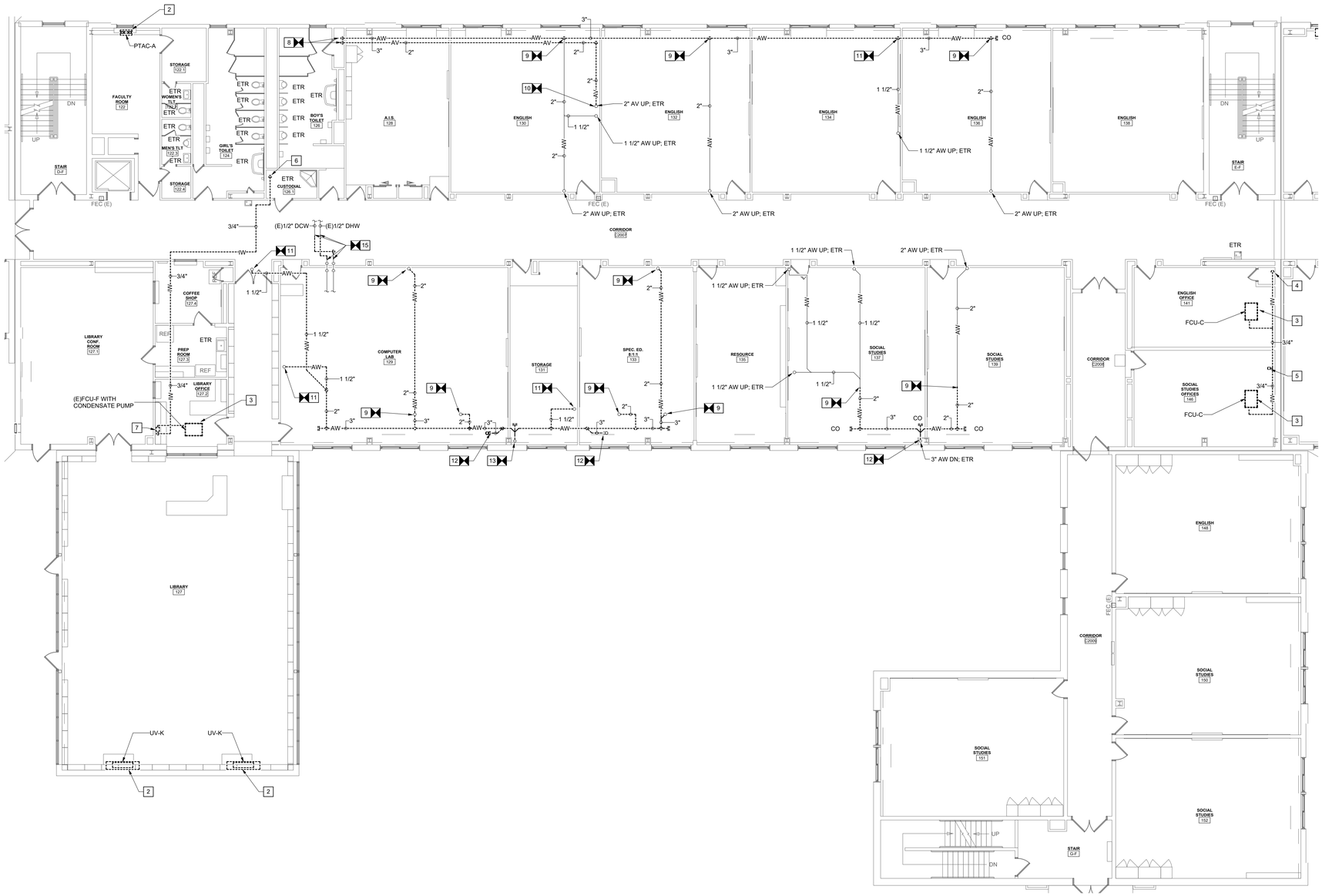
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FIRST FLOOR PLAN - AREA A - PLUMBING DEMOLITION

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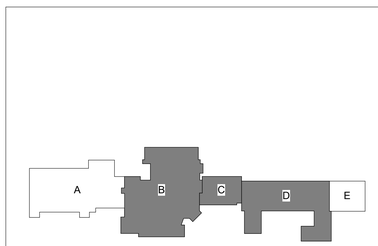
2 FIRST FLOOR PLAN - AREA B & C - PLUMBING DEMOLITION
1/8" = 1'-0"



1 FIRST FLOOR PLAN - AREA D - PLUMBING DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE 1" IW PIPING TO UV. DISCONNECT AND REMOVE 1" IW PIPING DOWN TO GROUND FLOOR. UV TO BE REMOVED BY MC. COORDINATE WITH MC.
2. DISCONNECT AND REMOVE 3/4" IW PIPING FROM HVAC UNIT DOWN TO UNIT ON GROUND FLOOR COMPLETE. COORDINATE WITH MC.
3. DISCONNECT AND REMOVE 3/4" IW PIPING FORM FCU. FCU TO BE REMOVED BY MC. COORDINATE WITH MC.
4. DISCONNECT AND REMOVE 1" IW PIPING DOWN TO FUNNEL COMPLETE.
5. DISCONNECT AND REMOVE 3/4" IW PIPING UP TO SECOND FLOOR.
6. DISCONNECT AND REMOVE 3/4" IW PIPING DOWN TO SINK SERVICE SINK COMPLETE.
7. DISCONNECT AND REMOVE CONDENSATE PUMP COMPELETE. DISCONNECT AND REMOVE 3/4" IW PIPING TO AND FROM PUMP. COORDIANTE WITH EC FOR POWER REMOVAL.
8. DISCONNECT AND REMOVE 3" AW AND 2" AV PIPING TO POINT SHOWN. PREPARE AW AND AV PIPING FOR NEW CONNECTIONS.
9. DISCONNECT AND REMOVE 2" AW PIPING TO POINT SHOWN. PREPARE AW PIPING FOR NEW CONNECTION.
10. DISCONNECT AND REMOVE 2" AV PIPING TO POINT SHOWN. PREPARE AV PIPING FOR NEW CONNECTION.
11. DISCONNECT AND REMOVE 1 1/2" AW PIPING TO POINT SHOWN. PREPARE AW PIPING FOR NEW CONNECTION.
12. DISCONNECT AND REMOVE 3" AW PIPING TO POINT SHOWN. PREPARE AW PIPING TO REMAIN FOR NEW CONNECTION.
13. DISCONNECT AND REMOVE 4" AW PIPING TO POINT SHOWN. PREPARE AW PIPING TO REMAIN FOR NEW CONNECTION.
14. DISCONNECT AND REMOVE 3/4" IW PIPING DOWN TO BASEMENT.
15. DISCONNECT AND REMOVE 1/2" H&C PIPING FROM LOCATIONS SHOWN AND PREPARE FOR NEW CONNECTION.



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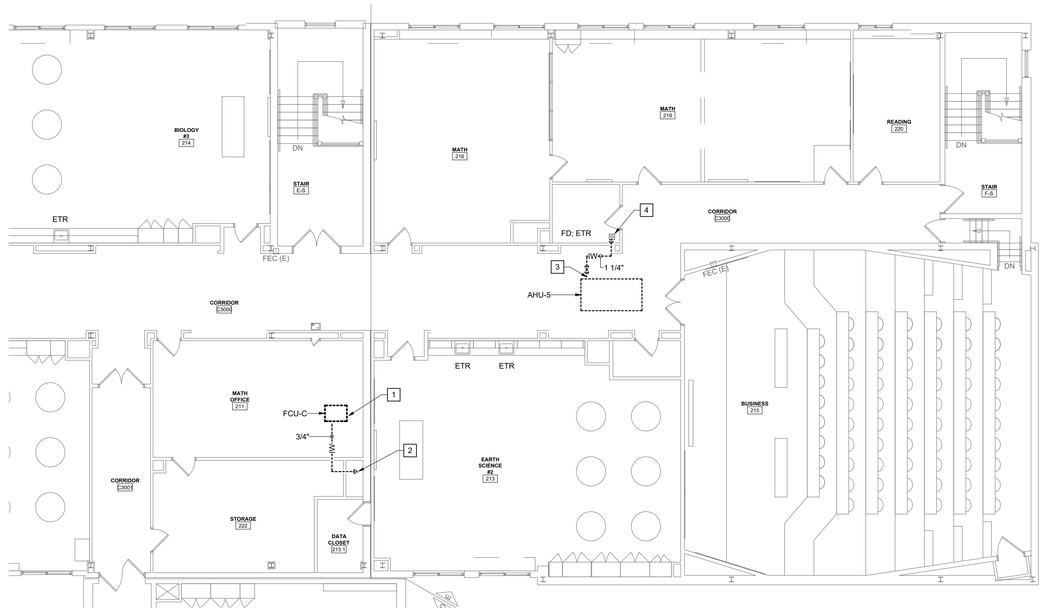
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SCALE: **AS NOTED**

DRAWING TITLE:

FIRST FLOOR PLAN - AREA B, C AND D - PLUMBING DEMOLITION

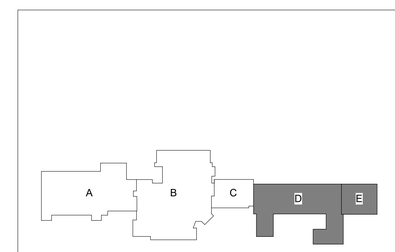
D P0.04



1 SECOND FLOOR PLAN - AREA D & E - PLUMBING DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE 3/4" IW PIPING FORM FCU. FCU TO BE REMOVED BY MC. COORDINATE WITH MC.
2. DISCONNECT AND REMOVE 3/4" IW PIPING DOWN TO FIRST FLOOR.
3. DISCONECT AND REMOVE 1 1/4" IW PIPING FROM AHU. AHU TO BE REMOVED BY MC. COORDINATE WITH MC.
4. DISCONNECT AND REMOVE 1 1/4" IW PIPING DOWN TO FLOOR DRAIN COMPLETE.



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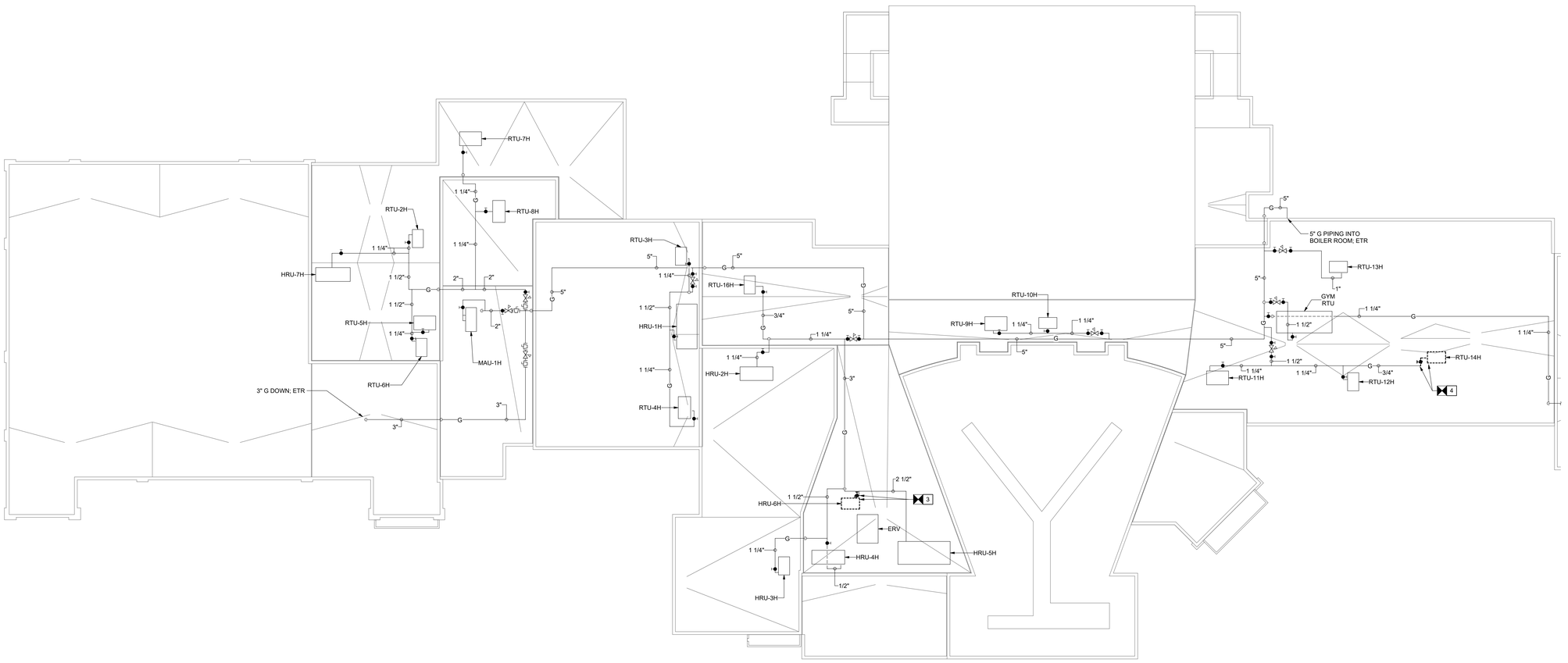
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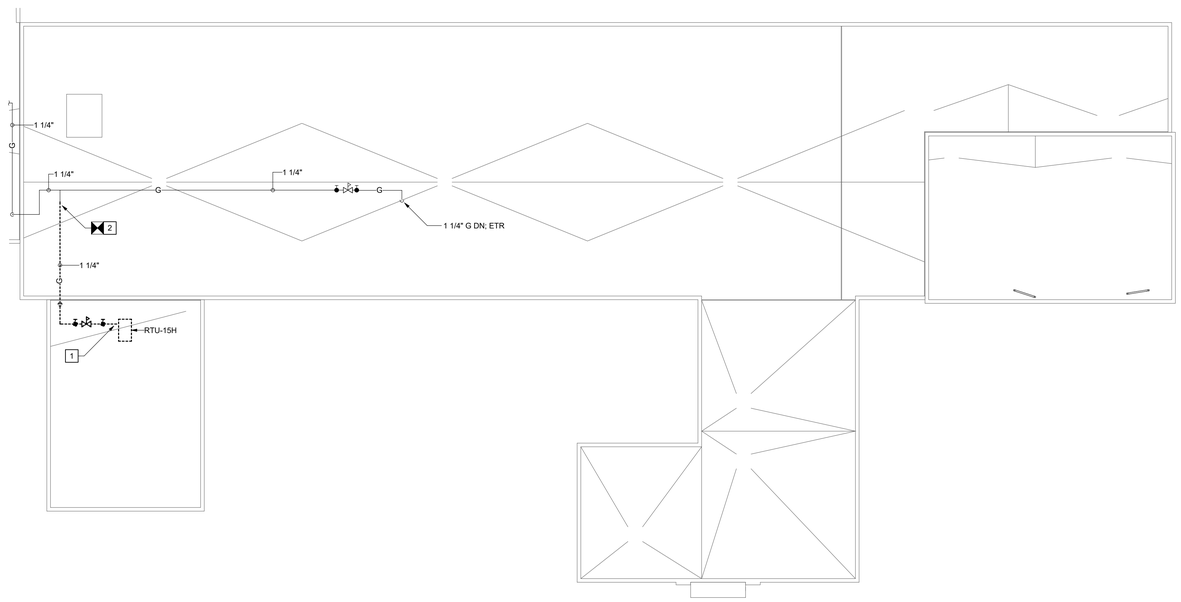
DRAWING TITLE:

SECOND FLOOR PLAN - AREA D AND E - PLUMBING DEMOLITION

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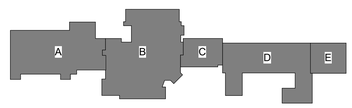
1 PARTIAL ROOF PLAN - PLUMBING DEMOLITION
1/16" = 1'-0"



2 PARTIAL ROOF PLAN - PLUMBING DEMOLITION
1/16" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE 1 1/4" G PIPING FROM RTU. RTU TO BE REMOVED BY MC. COORDINATE WITH MC.
2. DISCONNECT AND REMOVE 1 1/4" G PIPING TO POINT SHOWN AND CAP.
3. DISCONNECT AND REMOVE 1 1/2" G PIPING FROM RTU TO POINT SHOWN. PREPARE G PIPING TO REMAIN FOR NEW CONNECTION. RTU TO BE REMOVED BY MC. COORDINATE WITH MC.
4. DISCONNECT AND REMOVE 3/4" G PIPING FROM RTU TO POINT SHOWN. PREPARE G PIPING TO REMAIN FOR NEW CONNECTION. RTU TO BE REMOVED BY MC. COORDINATE WITH MC.



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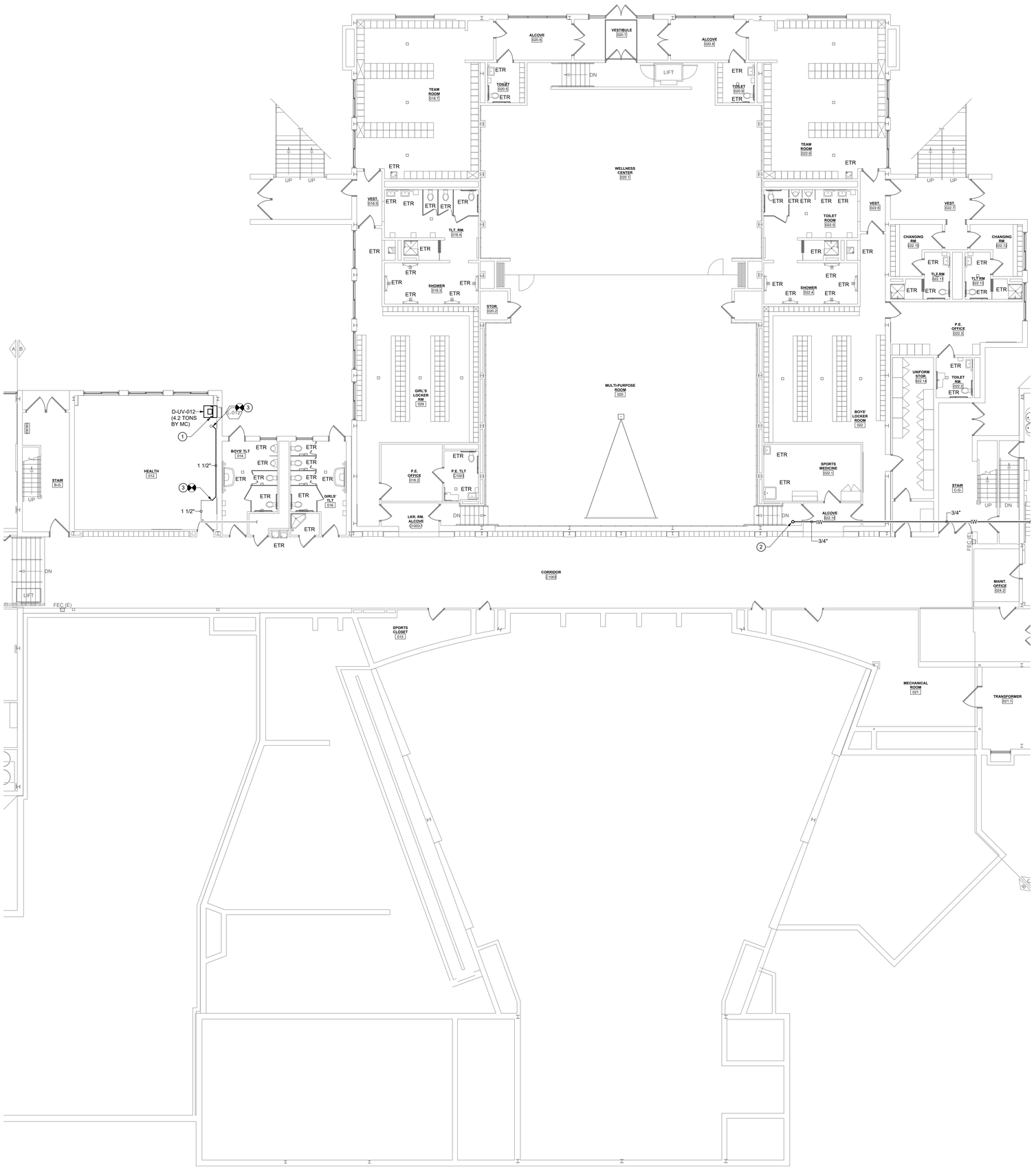
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

ROOF PLAN - PLUMBING DEMOLITION

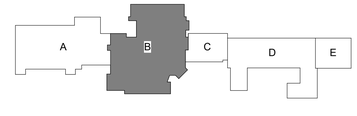
D P0.06



1 GROUND FLOOR PLAN - AREA B - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING A P0.00. COORDINATE WITH MC.
2. PROVIDE 3/4" IW PIPING UP TO FLOOR ABOVE.
3. PROVIDE 1 1/2" SANITARY PIPING AND CONNECT TO EXISTING PIPING AS SHOWN.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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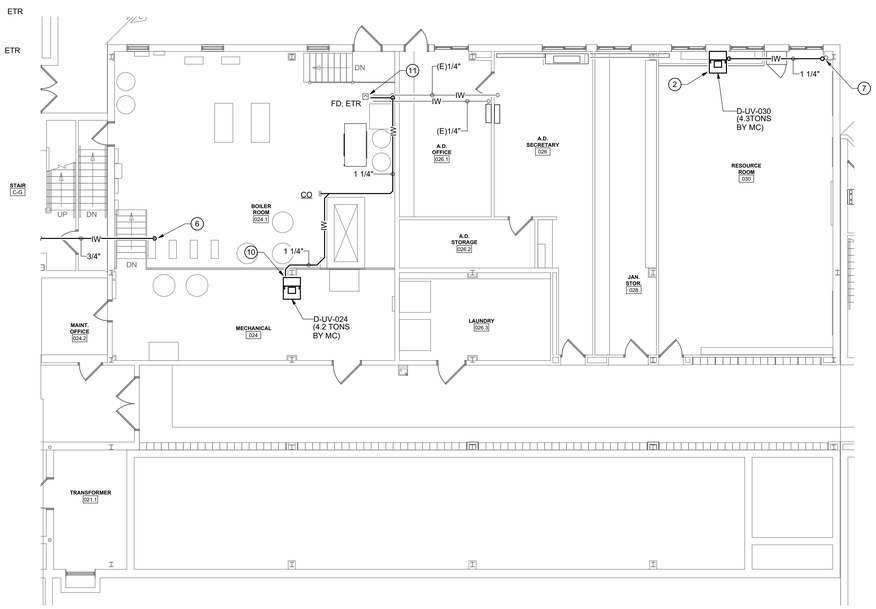
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

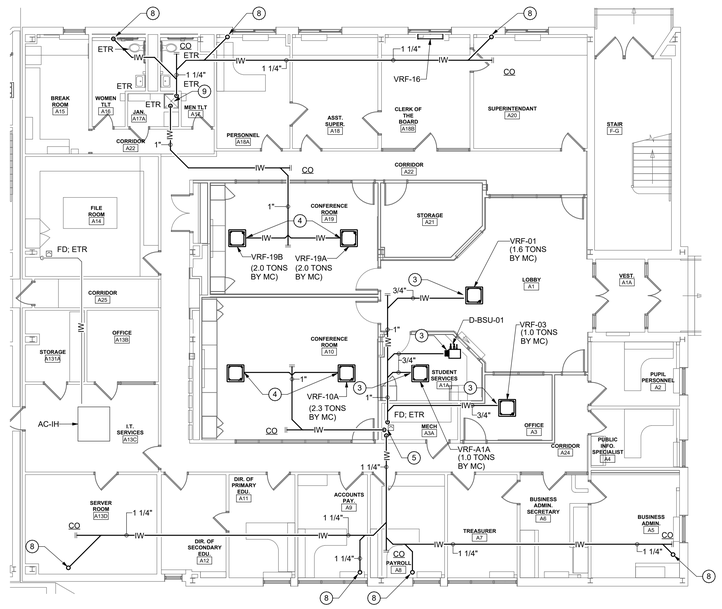
DRAWING TITLE:

GROUND FLOOR PLAN - AREA B - PLUMBING

D P1.01



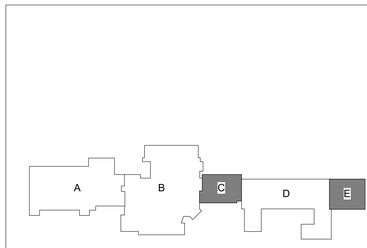
1 GROUND FLOOR PLAN - AREA C - PLUMBING
1/8" = 1'-0"



2 GROUND FLOOR PLAN - AREA E - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
2. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO ABOVE CEILING. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1 1/4" AND 1 1/4" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
3. PROVIDE 3/4" IW PIPING AND CONNECT TO FCU. FCU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
4. PROVIDE 1" IW PIPING AND CONNECT TO FCU. FCU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
5. PROVIDE 1 1/4" AND (2) 1" IW PIPING DOWN TO FLOOR DRAIN.
6. PROVIDE 3/4" IW PIPING DOWN TO NEAREST FLOOR DRAIN.
7. PROVIDE 1 1/4" IW PIPING UP TO FIRST FLOOR.
8. PROVIDE 1 1/4" IW PIPING UP TO FIRST FLOOR UV.
9. PROVIDE 1 1/4" AND 1" IW PIPING DOWN TO MSS.
10. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
11. PROVIDE 1 1/4" IW PIPING DOWN TO NEAREST FLOOR DRAIN.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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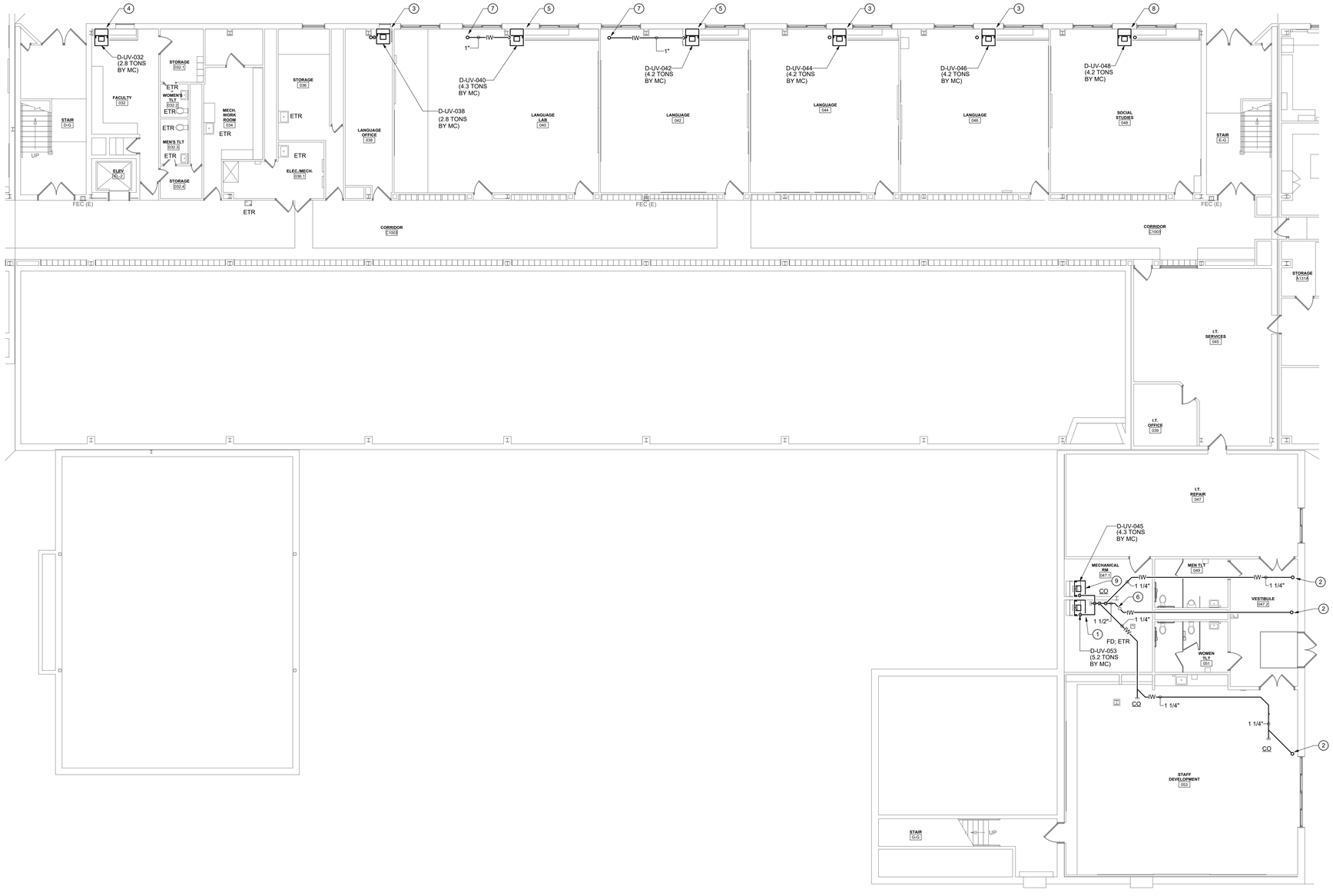
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

GROUND FLOOR PLAN - AREA C AND E - PLUMBING

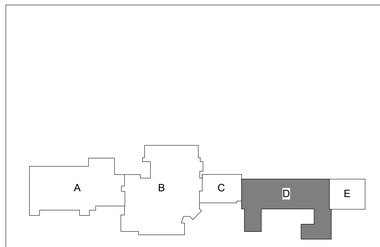
D P1.02



1 GROUND FLOOR PLAN - AREA D - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE CONNECTION OF VIYNL TUBING FROM CONDENSATE PUMP TO 1 1/4" IW PIPING. PROVIDE 1 1/4" IW PIPING. CONDENSATE PUMP AND UV BY MC. COORDINATE WITH MC. REFER TO VIYNL TUBE CONNECTION DETAIL ON DRAWING D P0.00.
2. PROVIDE 1 1/4" IW PIPING UP TO FIRST FLOOR UV.
3. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO SECOND FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1 1/4" IW PIPES TO THE EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
4. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
5. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO ABOVE CEILING. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1 1/4" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
6. PROVIDE 3" SAN PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN. PROVIDE 3" HUB DRAIN WITH TRAP. PROVIDE 1 1/2" IW PIPING DOWN TO HUB DRAIN.
7. PROVIDE 1" IW PIPING UP TO FIRST FLOOR UV.
8. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1" IW PIPING UP TO SECOND FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE TWO 1" IW PIPES TO THE EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
9. PROVIDE CONNECTION OF VIYNL TUBING FROM CONDENSATE PUMP TO 1 1/4" IW PIPING. PROVIDE 1 1/4" IW PIPING. CONDENSATE PUMP AND UV BY MC. COORDINATE WITH MC. REFER TO VIYNL TUBE CONNECTION DETAIL ON DRAWING D P0.00.



PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

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SCALE: **AS NOTED**

DRAWING TITLE:

GROUND FLOOR PLAN - AREA D - PLUMBING

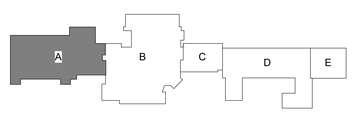
D P1.03

DRAWING NOTES:

1. PROVIDE SOLENOID VALVE COMPLETE. PROVIDE 1 1/2" G PIPING TO AND FROM VALVE.
2. PROVIDE 3/4" IW PIPING AND CONNECT TO EVAP. EVAP BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 3/4" IW PIPING TO NEAREST FLOOR SINK. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC. PROVIDE ALL CONDENSATE PIPING WITHIN KITCHEN WITH PVC JACKET.



1 FIRST FLOOR PLAN - AREA A - PLUMBING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

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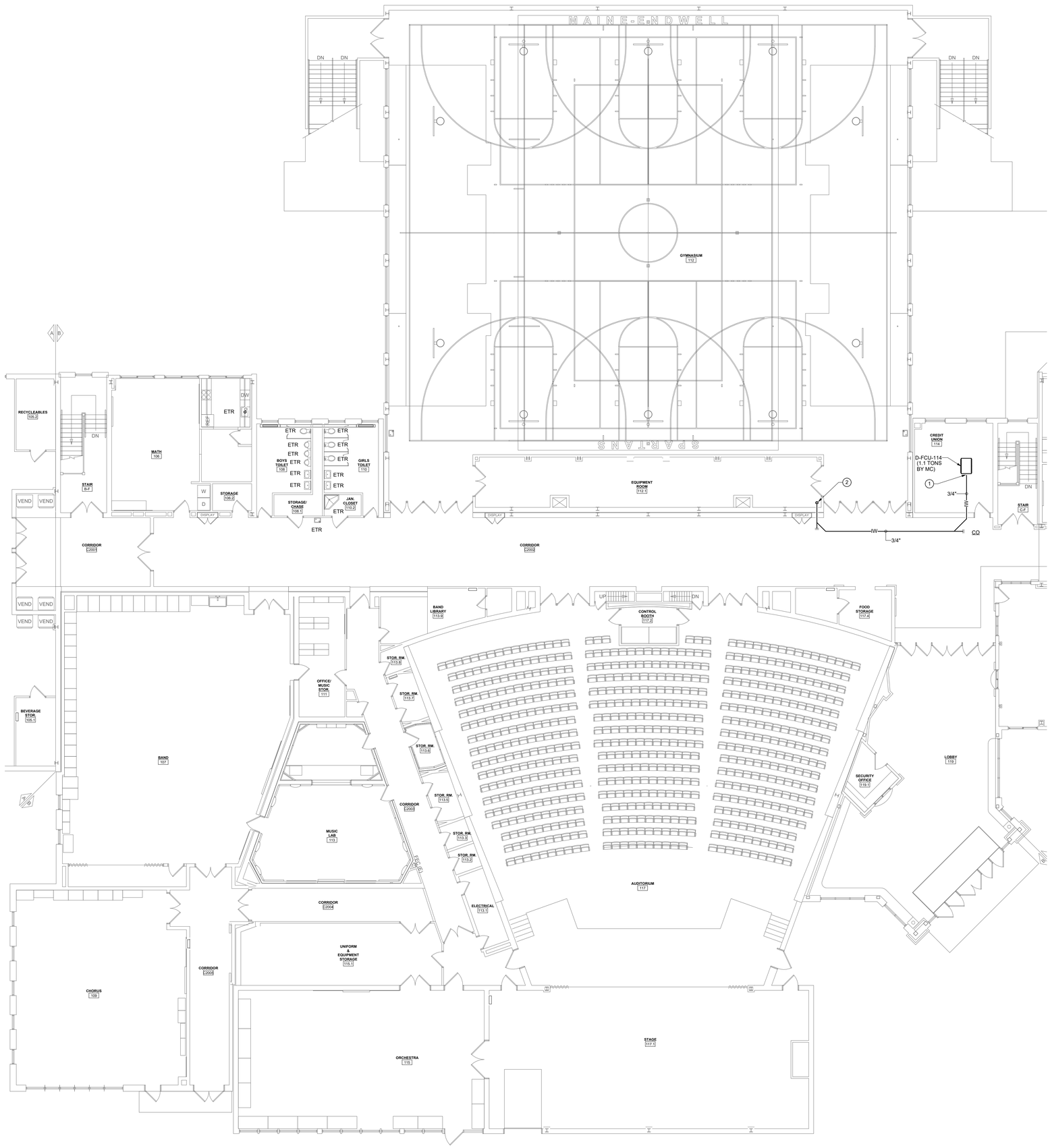
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SCALE: **AS NOTED**

DRAWING TITLE:

FIRST FLOOR PLAN - AREA A - PLUMBING

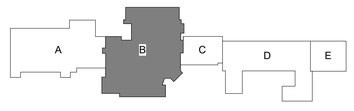
D P1.04



1 FIRST FLOOR PLAN - AREA B - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE 3/4" IW PIPING AND CONNECT TO FCU. FCU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
2. PROVIDE 3/4" IW PIPING DOWN TO THE GROUND FLOOR.



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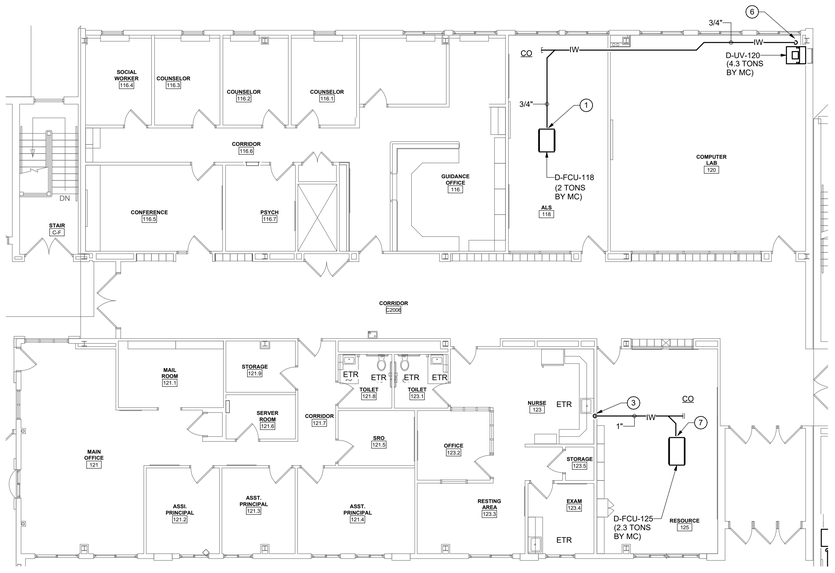
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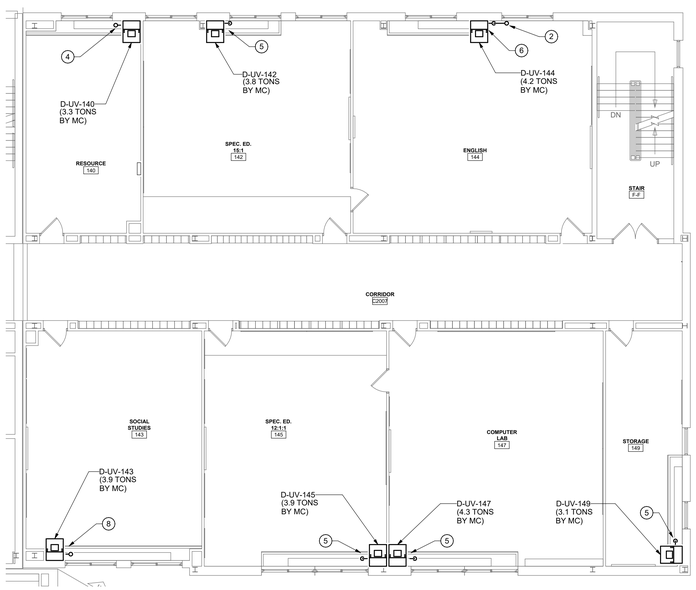
DRAWING TITLE:

FIRST FLOOR PLAN - AREA B - PLUMBING

D P1.05



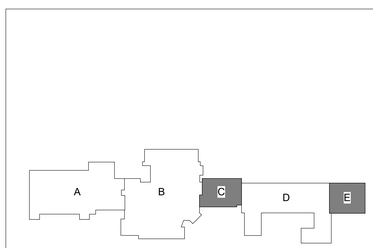
1 FIRST FLOOR PLAN - AREA C - PLUMBING
1/8" = 1'-0"



2 FIRST FLOOR PLAN - AREA E - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE 3/4" IW PIPING AND CONNECT TO FCU. FCU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
2. PROVIDE 1 1/4" IW PIPING UP TO UV.
3. PROVIDE 1" IW PIPING DOWN TO BELOW SINK. PROVIDE 1 1/2" SAN PIPING AND CONNECT TO SINK DRAIN WITH TRAP AND FUNNEL. PROVIDE 3/4" IW PIPING DOWN TO FUNNEL.
4. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1" IW PIPING UP TO SECOND FLOOR UV RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1" IW PIPING DOWN TO THE FIRST FLOOR THROUGH THE BOTTOM OF THE UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
5. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING DOWN TO FIRST FLOOR CEILING THROUGH BOTTOM OF UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
6. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO ABOVE CEILING RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1 1/4" IW PIPING DOWN TO THE FIRST FLOOR THROUGH THE BOTTOM OF THE UV. REFER TO CONDENSATE. DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
7. PROVIDE 1" IW PIPING AND CONNECT TO FCU. FCU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
8. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO SECOND FLOOR UV RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1 1/4" IW PIPING DOWN TO THE FIRST FLOOR THROUGH THE BOTTOM OF THE UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.



PROJECT NORTH

KEY PLAN

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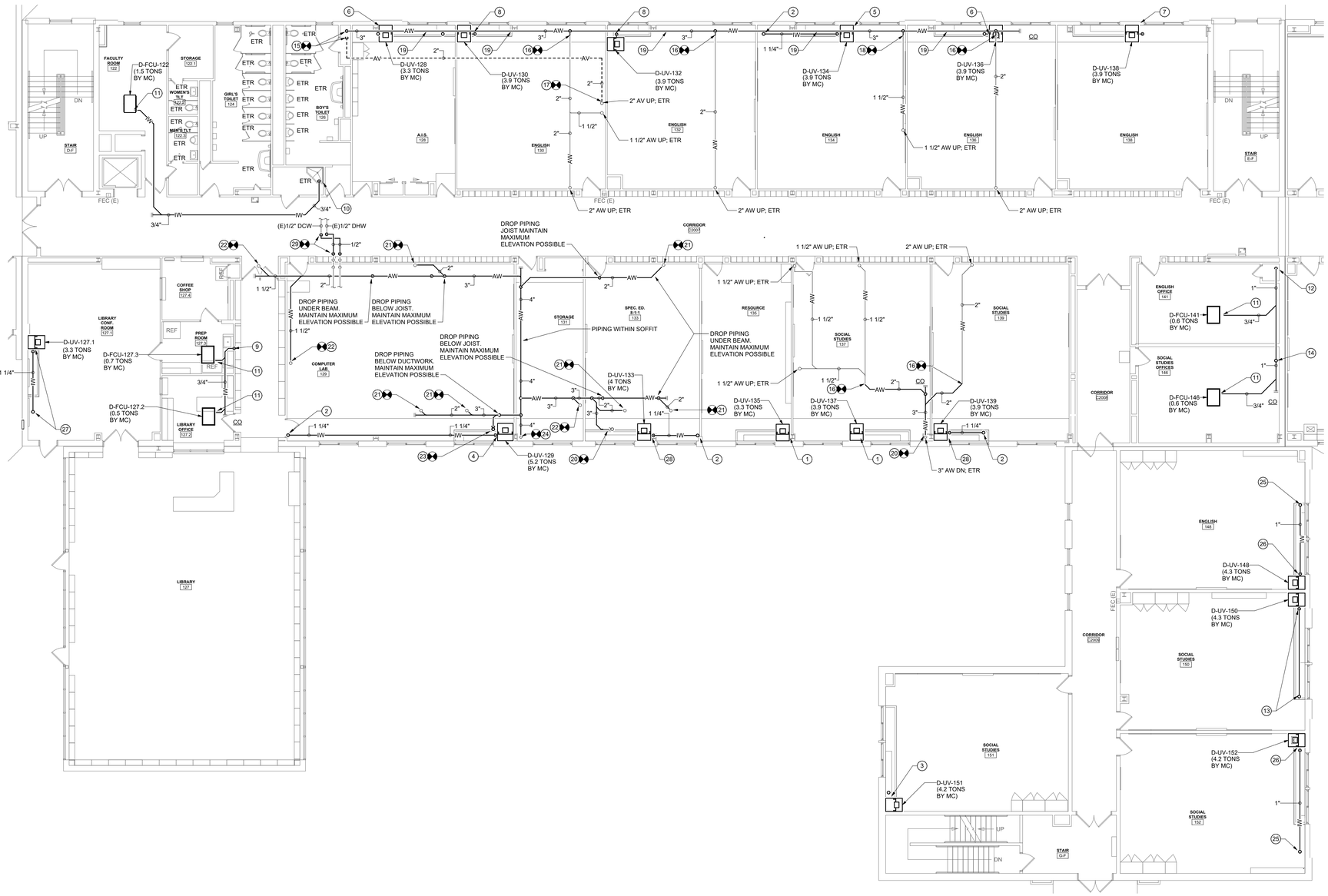
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

FIRST FLOOR PLAN - AREA C AND E - PLUMBING

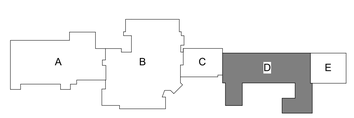
D P1.06



1 FIRST FLOOR PLAN - AREA D - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
2. PROVIDE 1 1/4" IW PIPING UP TO UV.
3. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1" IW PIPING UP TO SECOND FLOOR UV RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE TWO 1" IW PIPES TO THE EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
4. PROVIDE 1 1/4" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO ABOVE CEILING RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1 1/4" AND 1 1/4" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
5. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO ABOVE CEILING RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1 1/4" IW PIPING DOWN TO THE FIRST FLOOR THROUGH THE BOTTOM OF THE UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
6. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO ABOVE CEILING RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1 1/4" IW PIPING DOWN TO FIRST FLOOR THROUGH BOTTOM OF UV TO BEHIND FIRST FLOOR UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
7. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING DOWN TO FIRST FLOOR THROUGH BOTTOM OF UV TO BEHIND FIRST FLOOR UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
8. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING DOWN TO FIRST FLOOR CEILING THROUGH BOTTOM OF UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
9. PROVIDE 3/4" IW PIPING DOWN TO BELOW SINK. PROVIDE 1 1/2" SAN PIPING AND CONNECT TO SINK DRAIN WITH TRAP AND FUNNEL. PROVIDE 3/4" IW PIPING DOWN TO FUNNEL.
10. PROVIDE 3/4" IW PIPING DOWN TO MSS.
11. PROVIDE 3/4" IW PIPING AND CONNECT TO FCU. FCU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
12. PROVIDE 1" IW PIPING DOWN TO FUNNEL.
13. PROVIDE 1 1/4" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO SECOND FLOOR UV RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1 1/4" AND 1 1/4" IW PIPING DOWN TO THE FIRST FLOOR THROUGH THE BOTTOM OF THE UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
14. PROVIDE 3/4" IW PIPING UP TO SECOND FLOOR.
15. PROVIDE 3" AW AND 2" AV PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
16. PROVIDE 2" AW PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
17. PROVIDE 2" AV PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
18. PROVIDE 1 1/2" AW PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
19. COORDINATE WITH MC FOR AW PIPING LOCATION. AW PIPING TO BE TIGHT TO BEAMS WITHIN SOFFIT.
20. PROVIDE 3" AW PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
21. PROVIDE 2" AW PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN. 2" AW PIPING UP TO SECOND FLOOR ETR. ROUTE PIPING AT MAXIMUM ELEVATION POSSIBLE.
22. PROVIDE 1 1/2" AW PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN. 1 1/2" AW PIPING UP TO SECOND FLOOR ETR. ROUTE PIPING AT MAXIMUM ELEVATION POSSIBLE.
23. PROVIDE 3" AW PIPING WITH TRAP AND CONNECT TO EXISTING AT LOCATION SHOWN. ROUTE PIPING AT MAXIMUM ELEVATION POSSIBLE.
24. PROVIDE 4" AW PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
25. PROVIDE 1" IW PIPING UP TO UV.
26. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1" IW PIPING UP TO ABOVE CEILING RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1" IW PIPING DOWN TO THE FIRST FLOOR THROUGH THE BOTTOM OF THE UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
27. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO SECOND FLOOR UV RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPES TO THE EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW. INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
28. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 1 1/4" IW PIPING UP TO ABOVE CEILING RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 1 1/4" IW PIPING TO EXTERIOR OF BUILDING 18" ABOVE GRADE WITH DOWNTURN ELBOW, INSECT SCREEN AND SPLASH BLOCK. REFER TO INDIRECT WASTE TO EXTERIOR OF BUILDING DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
29. PROVIDE 1/2" H&C PIPING AS HIGH AS POSSIBLE WITHIN JOIST SPACE AND CONNECT TO EXISTING H&C PIPING AT LOCATIONS SHOWN. COORDINATE ROUTING OF 1/2" H&C PIPING TO ACCOMMODATE NEW CHILLED WATER PIPING MAINS ABOVE CEILING.



PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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STATE OF NEW YORK · JON C. HELBERG · LICENSED PROFESSIONAL ENGINEER · EXP. 06/30/2026 · 08/05/15

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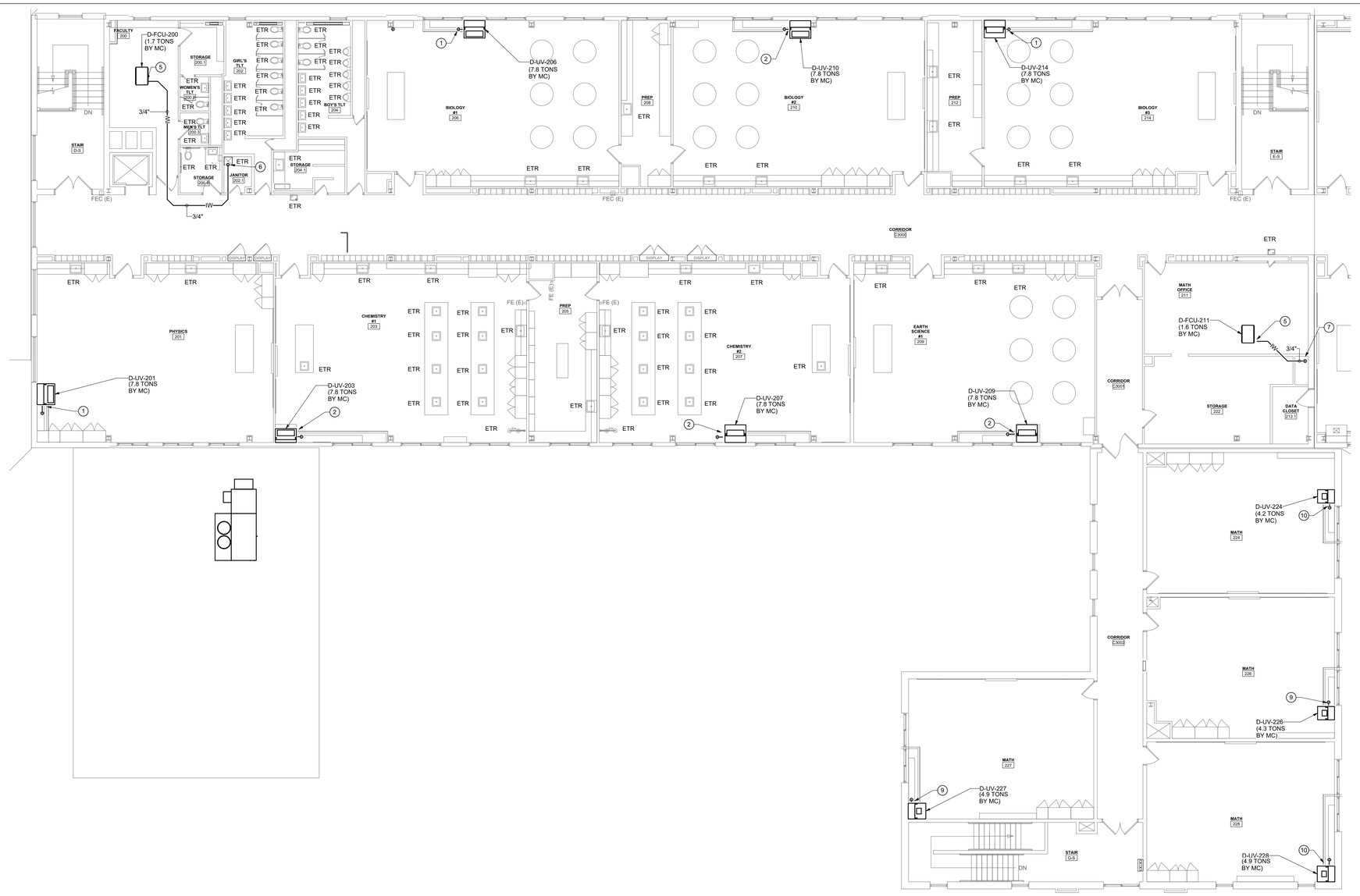
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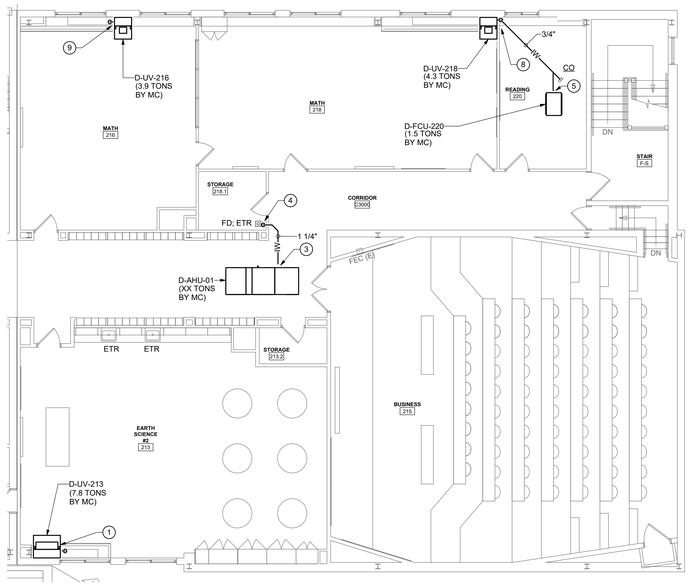
DRAWING TITLE:

FIRST FLOOR PLAN - AREA D - PLUMBING

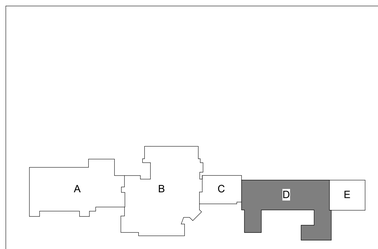
D P1.07



1 SECOND FLOOR PLAN - AREA D PLUMBING
1/8" = 1'-0"



2 SECOND FLOOR PLAN - PLUMBING
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

DRAWING NOTES:

1. PROVIDE 1 1/4" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1 1/4" IW PIPING DOWN TO FIRST FLOOR THROUGH BOTTOM OF UV TO BEHIND FIRST FLOOR UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
2. PROVIDE 1 1/4" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1 1/4" IW PIPING DOWN TO FIRST FLOOR CEILING THROUGH BOTTOM OF UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
3. PROVIDE 1 1/4" IW PIPING AND CONNECT TO AHU. AHU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
4. PROVIDE 1 1/4" IW PIPING DOWN TO FD.
5. PROVIDE 3/4" IW PIPING AND CONNECT TO FCU. FCU BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
6. PROVIDE 3/4" IW PIPING DOWN TO MSS.
7. PROVIDE 3/4" IW PIPING DOWN TO FIRST FLOOR.
8. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. PROVIDE 3/4" IW PIPING UP TO ABOVE CEILING RUNNING BEHIND THE FIRST FLOOR UV. PROVIDE 1 1/4" IW PIPING FROM THE CONNECTION OF THE 1" AND 3/4" IW PIPING DOWN TO THE FIRST FLOOR THROUGH THE BOTTOM OF THE UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
9. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING DOWN TO FIRST FLOOR THROUGH BOTTOM OF UV TO BEHIND FIRST FLOOR UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.
10. PROVIDE 1" IW PIPING AND CONNECT TO UV. UV BY MC. DO NOT CONNECT TO OVERFLOW DRAIN. ROUTE 1" IW PIPING DOWN TO FIRST FLOOR CEILING THROUGH BOTTOM OF UV. REFER TO CONDENSATE DRAIN CONNECTION DETAIL ON DRAWING D P0.00. COORDINATE WITH MC.

king+king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

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ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

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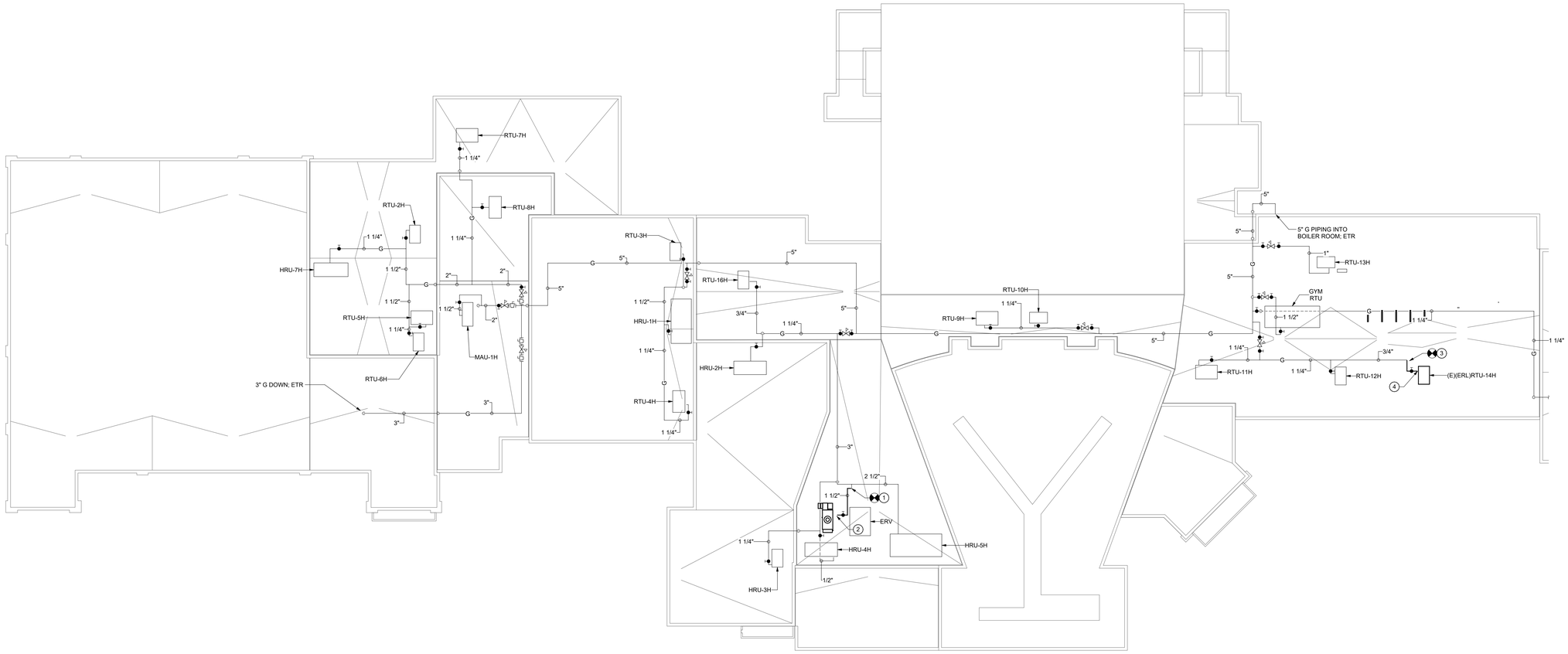
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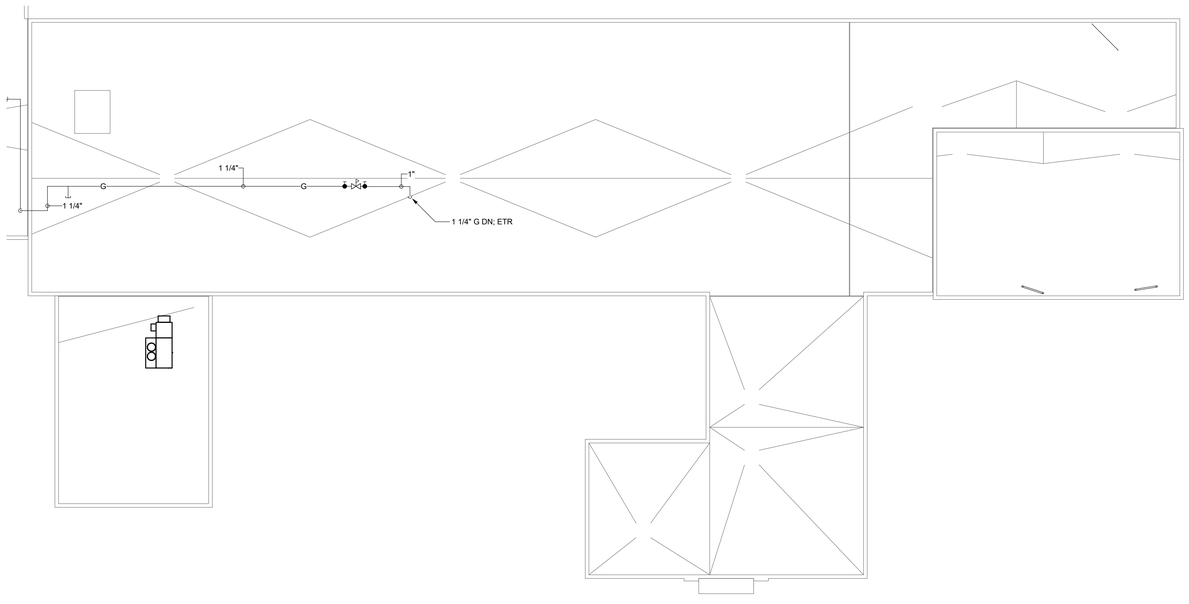
DRAWING TITLE:

SECOND FLOOR PLAN - AREA D - PLUMBING

D P1.08



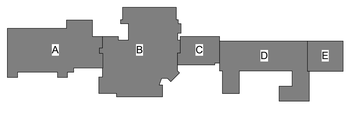
1 PARTIAL ROOF PLAN - PLUMBING
1/16" = 1'-0"



2 PARTIAL ROOF PLAN - PLUMBING
1/16" = 1'-0"

DRAWING NOTES:

1. PROVIDE 1 1/2" G PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
2. PROVIDE 1 1/2" G PIPING AND CONNECT TO RTU AT LOCATION SHOWN.
3. PROVIDE 3/4" G PIPING AND CONNECT TO EXISTING AT LOCATION SHOWN.
4. PROVIDE 3/4" G PIPING AND CONNECT TO RTU AT LOCATION SHOWN.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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DRAWING TITLE:

ROOF PLAN - PLUMBING

D P1.09

LEGEND

ABBREVIATIONS

ABBREV.	DESCRIPTION
A	AMPERE
AC	ALTERNATING CURRENT
AC	ABOVE COUNTER
AFF	ABOVE FINISHED FLOOR
AG	ABOVE FINISHED GRADE
AFCI	ARC FAULT CIRCUIT INTERRUPTER
AIC	AMPERES INTERRUPTING CAPACITY
AL	ALUMINUM
ASYM	ASYMMETRICAL
ATS	AUTOMATIC TRANSFER SWITCH
AWG	AMERICAN WIRE GAUGE
BR	BRANCH
C	CONDUIT
CAB	CABINET
CATV	CABLE TELEVISION
CB	CIRCUIT BREAKER
CCTV	CLOSED CIRCUIT TELEVISION
CER	COMMUNICATIONS EQUIPMENT ROOM
CKT	CIRCUIT
CLG	CEILING
CONT	CONTACTOR
CP	CONTROL PANEL
CT	CURRENT TRANSFORMER
CU	COPPER
CUH	CABINET UNIT HEATER
DC	DIRECT CURRENT
Δ	DELTA CONNECTED
DISC	DISCONNECT
DF	DRINKING FOUNTAIN
DPST	DOUBLE POLE, SINGLE THROW
DPDT	DOUBLE POLE, DOUBLE THROW
EC	ELECTRICAL CONTRACTOR
EG	EQUIPMENT GROUND
EM	EMERGENCY
EPR	ETHYLENE PROPYLENE RUBBER
EQUIP	EQUIPMENT
ETR	EXISTING TO REMAIN
ERL	EXISTING TO BE RELOCATED
EXIST	EXISTING
(E)	EXISTING
EXP	EXPLOSION PROOF
ELECT	ELECTRIC
EMT	ELECTRIC METALLIC TUBING
EWH	ELECTRIC WALL HEATER
FC	FOOTCANDLE
FCAN	FULL CAPACITY ABOVE NORMAL
FCBN	FULL CAPACITY BELOW NORMAL
FLUOR	FLUORESCENT
FVNR	FULL VOLTAGE, NON-REVERSING
FVR	FULL VOLTAGE, REVERSING
FA	FIRE ALARM
FACP	FIRE ALARM CONTROL PANEL
FLA	FULL LOAD AMPERES
GEN	GENERATOR
GF	GROUND FAULT
GFI	GROUND FAULT CIRCUIT INTERRUPTER
GND	GROUND
GRS	GALVANIZED RIGID STEEL
HOA	HAND-OFF-AUTOMATIC
HP	HORSEPOWER
HPS	HIGH PRESSURE SODIUM
HV	HIGH VOLTAGE
HZ	HERTZ
INCAD	INCANDESCENT
IG	ISOLATED GROUND
IC	INTERCOM
IMC	INTERMEDIATE METAL CONDUIT
JB	JUNCTION BOX
KAIC	THOUSAND AMPERE INTERRUPTING CAPACITY
KV	KILOVOLT
KVA	KILOVOLT-AMPERE
KW	KILOWATT
K	KILO (THOUSAND)
KCM	THOUSAND CIRCULAR MILS
KCMIL	THOUSAND CIRCULAR MILS
L	PILOT LIGHT
LTG	LIGHTING
LV	LOW-VOLTAGE
M	MEGA (MILLION)
MATV	MASTER ANTENNA TELEVISION
MFS	MAIN FUSED SWITCH
MCB	MAIN CIRCUIT BREAKER
MCC	MOTOR CONTROL CENTER
MH	METAL HALIDE
MLO	MAIN LUGS ONLY
MTS	MANUAL TRANSFER SWITCH
MV	MEDIUM-VOLTAGE
MVA	MEGAVOLT-AMPERE
NEC	NATIONAL ELECTRICAL CODE
NC	NORMALLY CLOSED
NO	NORMALLY OPEN
NL	NIGHT LIGHT (UNSWITCHED)
N	NEUTRAL
NF	NON-FUSED
NIC	NOT IN CONTRACT
NTS	NOT TO SCALE
OL	OVERLOAD
OH	OVERHEAD
PB	PULLBOX
PF	POWER FACTOR
PNL	PANEL
PT	POTENTIAL TRANSFORMER
PVC	POLYVINYL CHLORIDE
Ø	PHASE
P	POLE
PH	PHASE
PL	PILOT LIGHT
PP	POWER PANEL
PWR	POWER
PKGD	PACKAGED
RVNR	REDUCED VOLTAGE, NON-REVERSING
RM	ROOM
RMS	ROOT MEAN SQUARED
SE	SERVICE ENTRANCE
SPD	SURGE PROTECTIVE DEVICE
SS	SURGE SUPPRESSION
SW	SWITCH
SWBD	SWITCHBOARD
SYM	SYMMETRICAL
STR	STARTER
TDR	TIME DELAY RELAY
TYP	TYPICAL
TCP	TEMPERATURE CONTROL PANEL
TSTAT	THERMOSTAT
TV	TELEVISION
UG	UNDERGROUND
UH	UNIT HEATER
UV	UNIT VENTILATOR
V	VOLT
VA	VOLT-AMPERE
VP	VAPORPROOF
W	WATT
WG	WIRE GUARD
WP	WEATHERPROOF
XFMR	TRANSFORMER
XLP	CROSS LINKED POLYETHYLENE
XP	EXPLOSION PROOF
Y	WYE CONNECTED

COMMUNICATIONS

SYMBOL	DESCRIPTION
▽	WALL MOUNTED TELEPHONE BRACKET OUTLET WITH CABLING
▼	COMPUTER/DATA COMMUNICATION OUTLET WITH CABLING
▼	COMPUTER/DATA FLOOR BOX OUTLETWITH CABLING
(XD) ▼ OR (XD) ▽	PROVIDE RJ-45 CAT. 6A JACK AND CABLE DROP QUANTITIES INDICATED BY "X" FROM OUTLET BACK TO PATCH PANEL IN INDICATED CER FOR DATA
WAP ▼	WIRELESS ACCESS POINT OUTLET. PROVIDE (2) CAT. 6A CABLES BACK TO PATCH PANEL IN INDICATED CER. LEAVE 10-FOOT COIL OF CABLE AT INDICATED LOCATION. REFER TO DETAIL.
TV	TELEVISION OUTLET WITH COAXIAL CABLE DISTRIBUTION
D	DOCUMENT CAMERA
V	AUDIO/VIDEO OUTLET WITH CABLING. REFER TO DETAILS.
	PROJECTOR WITH MOUNTING PLATE, 120V RECEPTACLE, AND AUDIO/VIDEO OUTLET

FIRE ALARM

SYMBOL	DESCRIPTION
S	SMOKE DETECTOR
S_D	DUCT MOUNTED SMOKE DETECTOR
DTS	DUCT SMOKE DETECTOR TEST SWITCH
C	CARBON MONOXIDE DETECTOR
H	HEAT DETECTOR
F	MANUAL PULL STATION
F	WALL MOUNTED AUDIBLE/VISUAL NOTIFICATION APPLIANCE (CANDELA OUTPUT SHALL BE 75 UNLESS NOTED OTHERWISE ON PLAN ADJACENT TO DEVICE)
F	CEILING MOUNTED AUDIBLE/VISUAL NOTIFICATION APPLIANCE (CANDELA OUTPUT SHALL BE 75 UNLESS OTHERWISE NOTED ON PLAN ADJACENT TO DEVICE)
F	WALL MOUNTED VISUAL NOTIFICATION APPLIANCE (CANDELA OUTPUT SHALL BE 75 UNLESS NOTED OTHERWISE ON PLAN ADJACENT TO DEVICE)
F	CEILING MOUNTED VISUAL NOTIFICATION APPLIANCE (CANDELA OUTPUT SHALL BE 75 UNLESS OTHERWISE NOTED ON PLAN ADJACENT TO DEVICE)
F	CEILING MOUNTED AUDIBLE NOTIFICATION APPLIANCE (SPEAKER)
DH	ELECTROMAGNETIC DOOR HOLD OPEN
SD	CONNECTION TO SMOKE DAMPER. PROVIDE WITH ADDRESSABLE OUTPUT MODULE.
FSD	FAN SHUTDOWN RELAY
AIM	ADDRESSABLE INPUT MODULE
AOM	ADDRESSABLE OUTPUT MODULE
	ADJACENT LABEL INDICATES TYPE OF PANEL: FACP = FIRE ALARM CONTROL PANEL FATC = FIRE ALARM TERMINAL CABINET NAC = NOTIFICATION APPLIANCE CIRCUIT PANEL RAP = REMOTE ANNUNCIATOR PANEL VCCP = VOICE COMMUNICATION CONTROL PANEL

LIGHTING

SYMBOL	DESCRIPTION
$	LINE VOLTAGE SWITCHES (ADJACENT LABEL INDICATES SWITCH TYPE; SWITCH TYPES MAY BE COMBINED, REFER TO DRAWINGS): (BLANK) = SINGLE POLE SWITCH 3 = 3-WAY SWITCH 4 = 4-WAY SWITCH OS = WALL MOUNTED OCCUPANCY SENSOR SWITCH D = DIMMER SWITCH OSD = WALL MOUNTED OCCUPANCY SENSOR SWITCH WITH DIMMER K = KEYED SWITCH T = INTERVAL TIMER SWITCH PL = SWITCH WITH PILOT LIGHT
$LV	LOW VOLTAGE SWITCHES (ADJACENT LABEL INDICATES SWITCH TYPE): LV = LOW-VOLTAGE TOGGLE SWITCH LD = LOW-VOLTAGE DIMMER SWITCH LK = LOW-VOLTAGE KEYED SWITCH
a,b	INDICATES MULTI-LEVEL SWITCHING
LC	LIGHTING CONTACTOR
XOS	EXISTING CEILING MOUNTED OCCUPANCY SENSOR
OS-A	CEILING MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR
OS-B	CEILING MOUNTED ULTRASONIC/PASSIVE INFRARED OCCUPANCY SENSOR
OS-C	CEILING MOUNTED ULTRASONIC/PASSIVE INFRARED CORRIDOR OCCUPANCY SENSOR
RC	ROOM CONTROLLER
	2'x4' LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	2'x2' LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	1'x4' LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	SINGLE FACE WALL MOUNTED EXIT SIGN. SOLID WEDGE INDICATES CHEVRON DIRECTION(S). (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	DOUBLE FACE WALL MOUNTED EXIT SIGN. SOLID WEDGE INDICATES CHEVRON DIRECTION(S). (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	SINGLE FACE CEILING MOUNTED EXIT SIGN. SOLID WEDGE INDICATES CHEVRON DIRECTION(S). (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	DOUBLE FACE CEILING MOUNTED EXIT SIGN. SOLID WEDGE INDICATES CHEVRON DIRECTION(S). (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	EMERGENCY BATTERY PACK (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	LUMINAIRE ON EMERGENCY BRANCH CIRCUIT, REFER TO FLOOR PLAN FOR CIRCUIT INFORMATION

LINE STYLES

SYMBOL	DESCRIPTION
	INDICATES NEW DEVICE OR EQUIPMENT
	INDICATES EXISTING DEVICE OR EQUIPMENT
	INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED
	SURFACE RACEWAY

MISCELLANEOUS

SYMBOL	DESCRIPTION
	REFERENCE TO DRAWING NOTE
	REFERENCE TO REMOVAL NOTE
	REFERENCE TO FEEDER SCHEDULE
	DETAIL/PLAN REFERENCE SYMBOL

POWER

SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE
	DOUBLE DUPLEX RECEPTACLE
X	HARD WIRED CONNECTION "X" INDICATES CIRCUIT NUMBER
CIP	COMMUNICATION/POWER POLE
J	JUNCTION BOX
X	MOTOR CONNECTION "X" DESIGNATION REFERS TO ELECTRIC EQUIPMENT CONTROL SCHEDULE
$M	MANUAL MOTOR STARTER OR MOTOR RATED SWITCH
	NON-FUSED DISCONNECT SWITCH DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
	FUSED DISCONNECT SWITCH DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
	MAGNETIC MOTOR STARTER DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
	COMBINATION MAGNETIC MOTOR STARTER AND DISCONNECT SWITCH DESIGNATION REFERS TO ELECTRIC EQUIPMENT AND CONTROL SCHEDULE
AD	ADJUSTABLE-SPEED DRIVE DESIGNATION REFERS TO THE ADJUSTABLE-SPEED DRIVE SCHEDULE
	PUSHBUTTON
	EMERGENCY POWER OFF PUSHBUTTON
B	BELL OR BUZZER
CR	CORD REEL
DC	DROP CORD
	EXISTING PANELBOARD
	PANELBOARD, REFER TO PANELBOARD SCHEDULES
L2 / L2 / E2	EXAMPLE: INDICATES 20AMP BRANCH CIRCUIT CONNECTION FROM PANELBOARD, CIRCUIT #2 TO LUMINAIRE(S) AND CONTROLS, OR WIRING DEVICE(S). PROVIDE (2)#12, (1)#12EG IN RACEWAY FOR BRANCH CIRCUIT HOMERUNS
RA 2∅	LOWER CASE LETTER ADJACENT TO LUMINAIRE INDICATES SWITCHING ARRANGEMENT
RB 2∅	PREFIX: NO PREFIX = NORMAL BRANCH E = EMERGENCY BRANCH S = STANDBY BRANCH REFER TO BRANCH CIRCUIT NOTES FOR ADDITIONAL INFORMATION

PUBLIC ADDRESS

SYMBOL	DESCRIPTION
S	CEILING MOUNTED SPEAKER
S	WALL MOUNTED SPEAKER

SCHEMATICS

SYMBOL	DESCRIPTION
	PANELBOARD
	TRANSFORMER
M	CURRENT TRANSFORMER CABINET WITH METER
A/ P	THERMAL MAGNETIC CIRCUIT BREAKER
A/ P SST	SOLID STATE / ELECTRONIC TRIP CIRCUIT BREAKER

SECURITY

SYMBOL	DESCRIPTION
CCTV	SECURITY CAMERA

GENERAL ELECTRICAL NOTES:

A. DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL EQUIPMENT, WIRING, AND RACEWAYS IN DASHED LINE STYLE UNLESS NOTED TO REMAIN OR BE RELOCATED. DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES, HVAC EQUIPMENT, STARTERS, WIRING DEVICES, SPECIAL SYSTEMS DEVICES (PUBLIC ADDRESS, FIRE ALARM, TELECOM, SECURITY, NURSE CALL), AND ALL ASSOCIATED BRANCH CIRCUIT WIRING, SPECIAL SYSTEMS WIRING, AND RACEWAYS. WHERE EXISTING DEVICES ARE NOT BEING REUSED, THEY AND THEIR ASSOCIATED WIRING AND RACEWAYS SHALL BE COMPLETELY REMOVED BACK TO SOURCE.

B. DISCONNECT AND REMOVE ALL EMPTY AND ABANDONED RACEWAYS UNLESS NOTED OTHERWISE. CUT FLUSH WITH FLOOR WHERE APPLICABLE AND PLUG WITH GROUT.

C. COORDINATE ALL REMOVAL WORK WITH OTHER TRADES. PROVIDE ALL WIRING AND CONNECTIONS REQUIRED TO MAINTAIN BRANCH CIRCUIT OR SPECIAL SYSTEMS CIRCUIT CONTINUITY TO DEVICES AND EQUIPMENT TO REMAIN WHETHER LOCATED WITHIN OR OUTSIDE OF THE PROJECT BOUNDARY.

D. PARTIAL BRANCH CIRCUIT WIRING DENOTING EXISTING CIRCUITING OR CONTROL IS SHOWN FOR REFERENCE ONLY, AND IS NOT INTENDED TO ILLUSTRATE COMPLETE WIRING SYSTEM. FIELD VERIFY EXISTING WIRING AND CONNECTIONS.

E. ALL DATA, CATV, AND TELEPHONE CABLING SHALL BE REMOVED BACK TO PORT ON TERMINATION EQUIPMENT UNLESS OTHERWISE INDICATED. DO NOT CUT CABLING AND LEAVE COILED UNLESS OTHERWISE CALLED FOR. UPDATE PORT SCHEDULE WITH NEW SPARE PORTS.

F. "ETR" ADJACENT TO A DEVICE, FIXTURE, OR PIECE OF EQUIPMENT INDICATES ITEM SHALL REMAIN. MAINTAIN EXISTING ELECTRICAL CONNECTIONS UNLESS OTHERWISE NOTED.

G. "ERL" ADJACENT TO A DEVICE, FIXTURE, OR PIECE OF EQUIPMENT INDICATES EXISTING ITEM SHALL BE RELOCATED. DISCONNECT AND REMOVE, REINSTALL AT NEW LOCATION AND RECONNECT ITEM AS REQUIRED.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL
750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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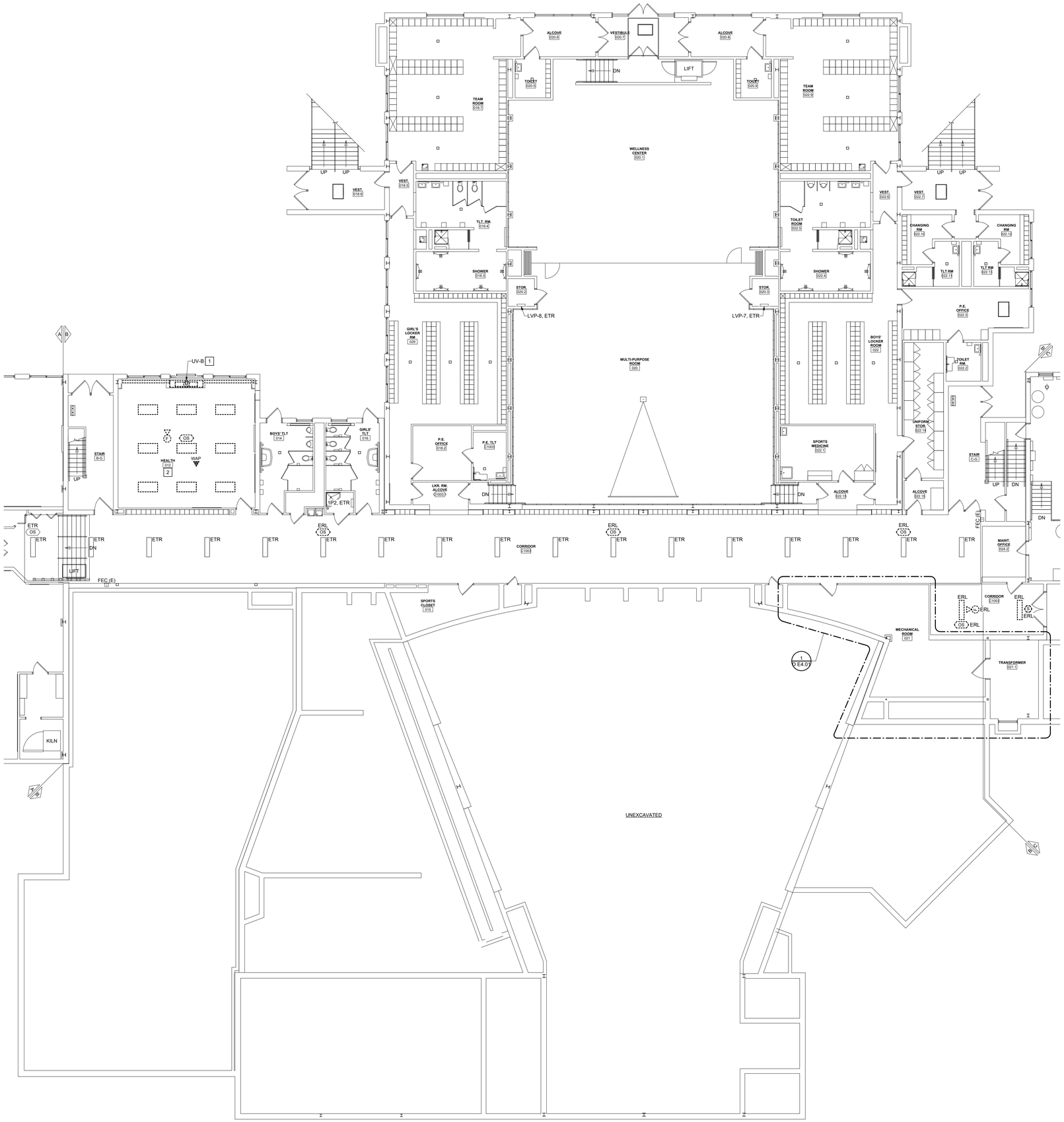
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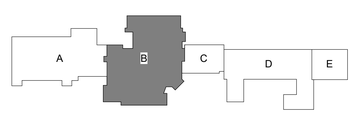
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REMOVAL NOTES:

1. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
2. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT; BRANCH CIRCUITING AND LOW VOLTAGE WIRING FOR REINSTALLATION.



1 GROUND FLOOR PLAN - AREA B - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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king + king ARCHITECTS

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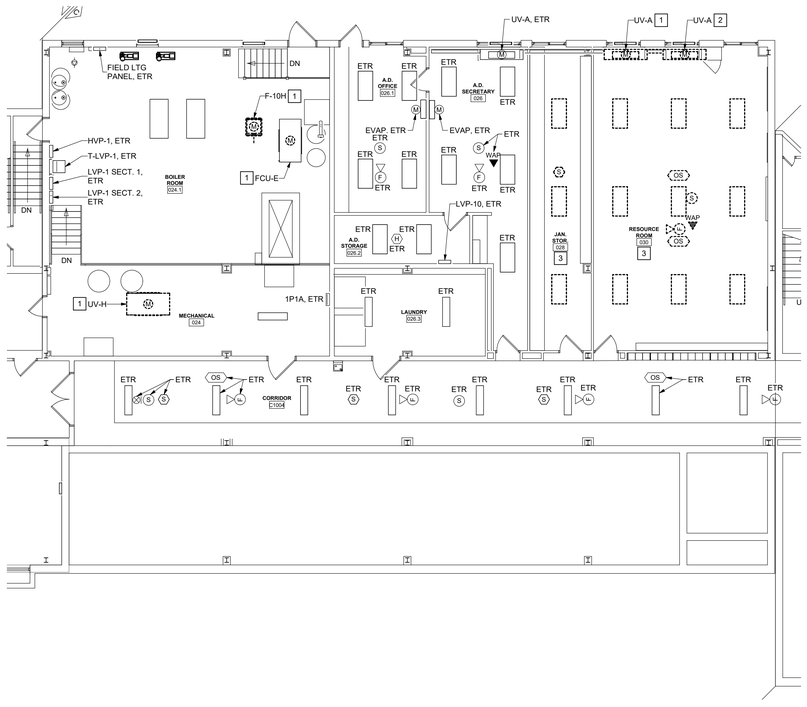
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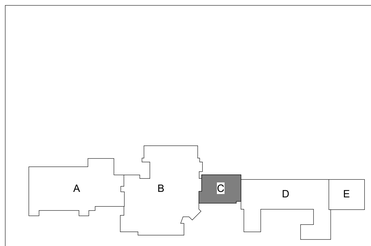
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REMOVAL NOTES:

1. DISCONNECT BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT. RETAIN THE EXISTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT EQUIPMENT.
2. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
3. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT, BRANCH CIRCUITING AND LOW VOLTAGE WIRING FRO REINSTALLATION.



1 GROUND FLOOR PLAN - AREA C - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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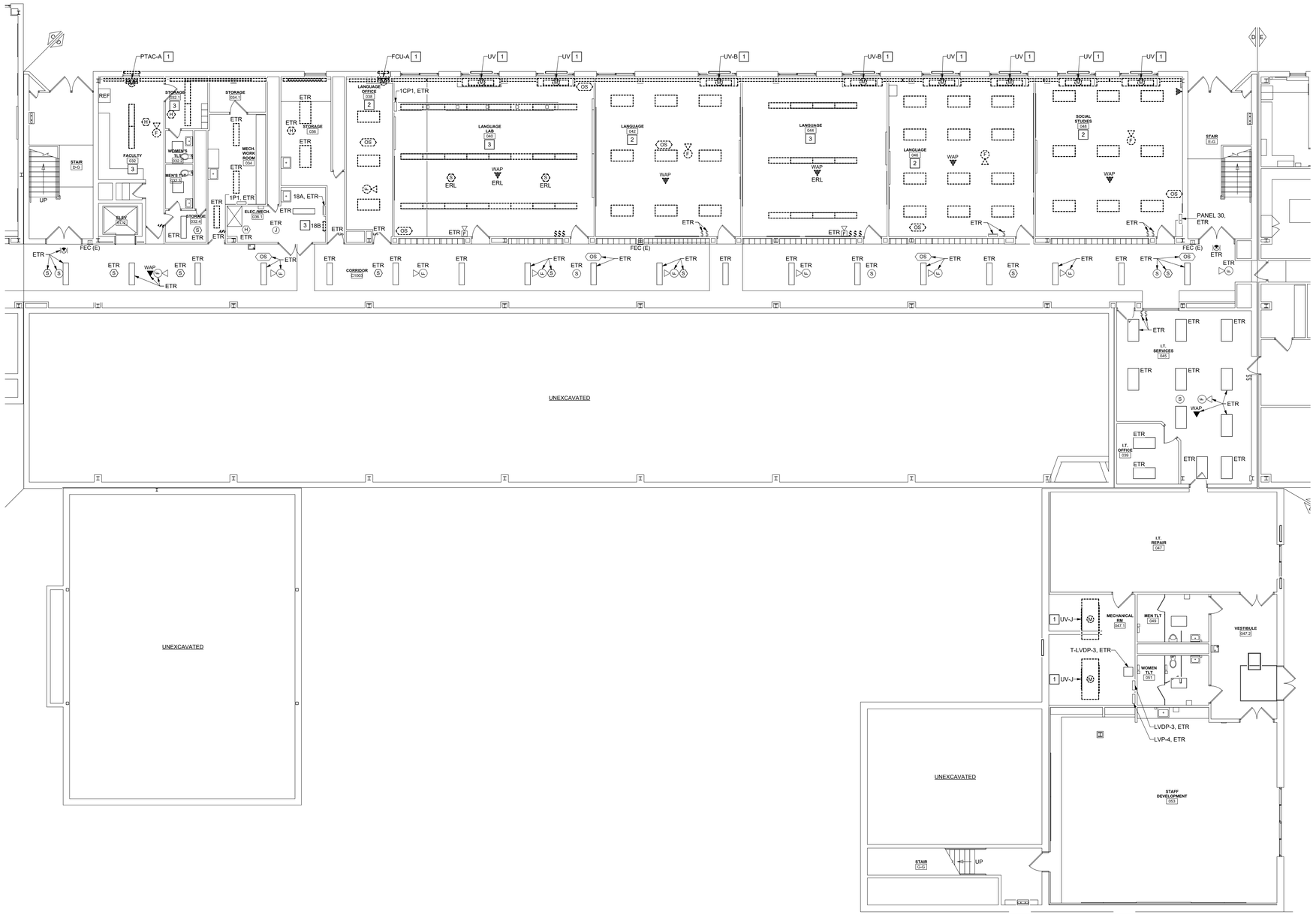
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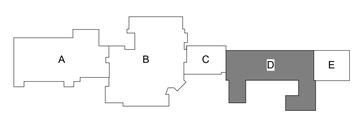
D E0.02

REMOVAL NOTES:

1. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
2. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT; BRANCH CIRCUITING AND LOW VOLTAGE WIRING FOR REINSTALLATION.
3. DISCONNECT AND REMOVE PANELBOARD. RETAIN FEEDER AND EXISTING TO REMAIN BRANCH CIRCUITS FOR CONNECTION TO REPLACEMENT PANELBOARD. TAG AND LABEL ALL EXISTING TO REMAIN BRANCH CIRCUITS WITH LOAD INFORMATION AND CIRCUIT NUMBER.



1 GROUND FLOOR PLAN - AREA D - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

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king+king ARCHITECTS

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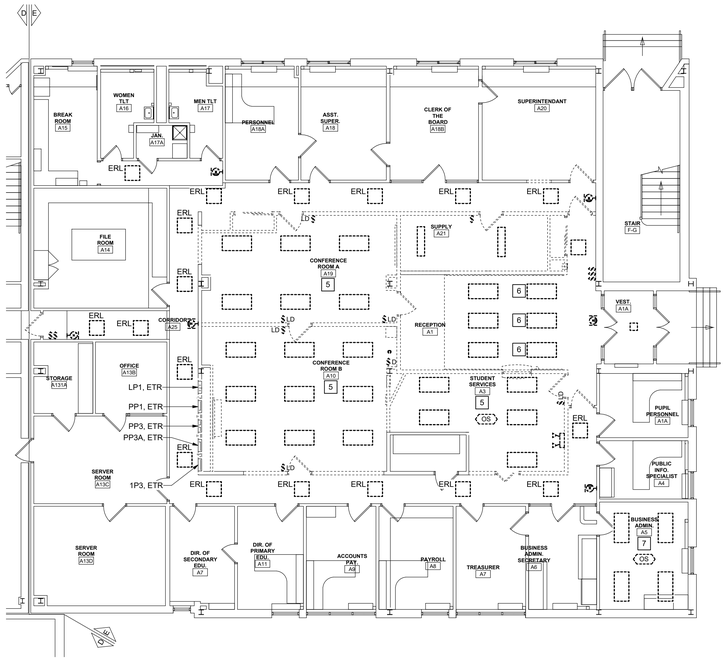
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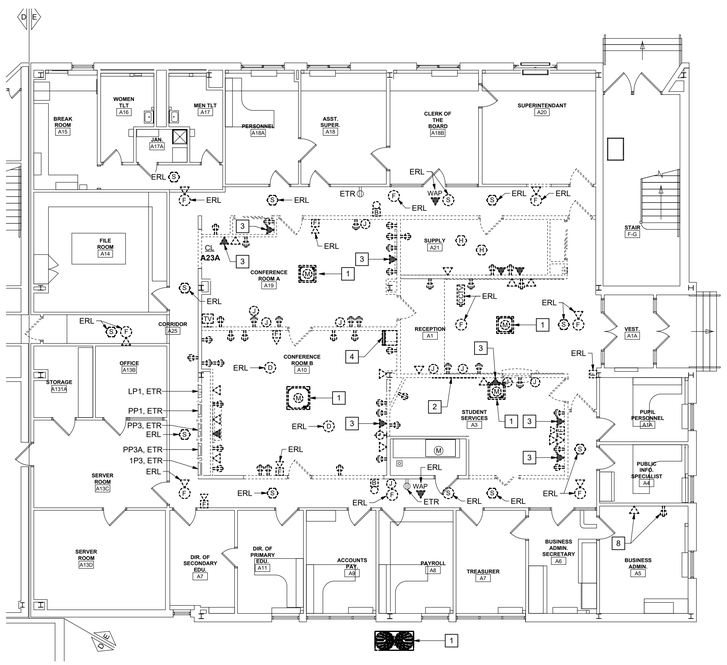
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GROUND FLOOR PLAN - AREA D - ELECTRICAL DEMOLITION

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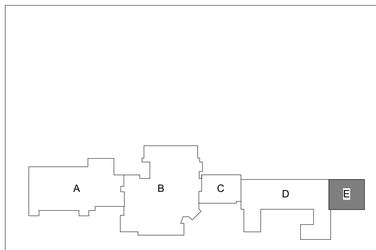
2 GROUND FLOOR PLAN - AREA E - LIGHTING DEMOLITION
1/8" = 1'-0"



1 GROUND FLOOR PLAN - AREA E - POWER & SYSTEMS DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT AND RETAIN FOR REINSTALLATION.
2. DISCONNECT AND REMOVE PLUGMOLD AND ASSOCIATED BRANCH CIRCUITING BACK TO SOURCE.
3. DISCONNECT AND REMOVE TELECOMMUNICATIONS OUTLET, HORIZONTAL CABLING AND RACEWAY BACK TO SOURCE.
4. DISCONNECT AND REMOVE DATA CABINET BELOW CEILING. REMOVE ALL DEVICES AND CABLING WITHIN CABINET.
5. DISCONNECT LED LUMINAIRES AND LIGHTING CONTROL DEVICES IN THIS ROOM. TURN ALL EQUIPMENT OVER TO THE OWNER.
6. DISCONNECT LUMINAIRE AND RETAIN FOR REINSTALLATION IN NEW LOCATION.
7. DISCONNECT LUMINAIRES AND OCCUPANCY SENSOR IN THIS ROOM. REMOVE LUMINAIRE SURFACE MOUNT ACCESSORY KITS AND TURN OVER TO OWNER. RETAIN LUMINAIRES AND OCCUPANCY SENSOR FOR REINSTALLATION IN NEW ACT CEILING SYSTEM.
8. DISCONNECT AND RETAIN RECEPTACLE AND TELECOMMUNICATIONS OUTLET. PULL BRANCH CIRCUITING AND HORIZONTAL CABLING TO ABOVE CEILING SPACE AND RETAIN FOR REINSTALLATION.



PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

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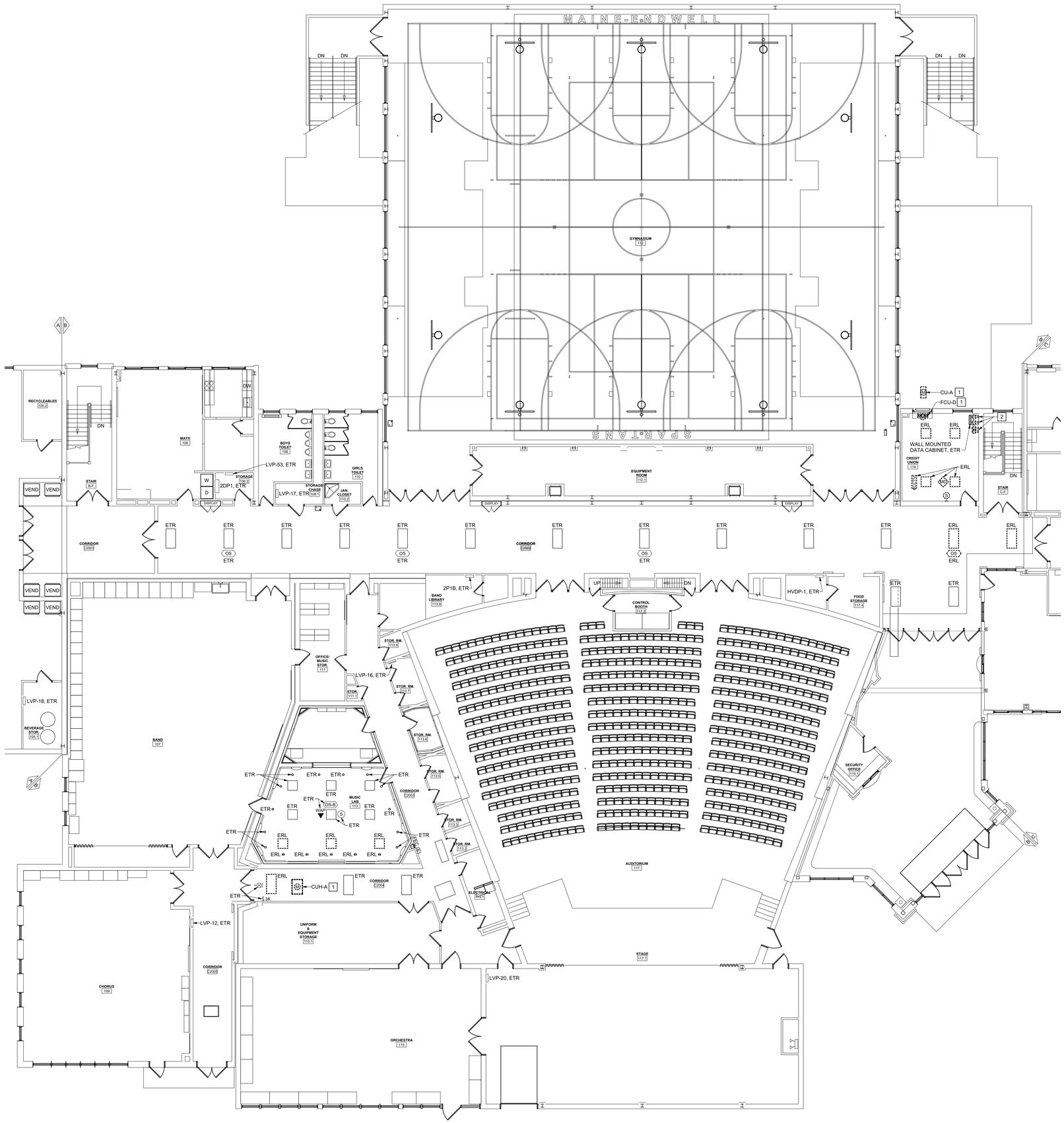
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GROUND FLOOR PLAN - AREA E - ELECTRICAL DEMOLITION

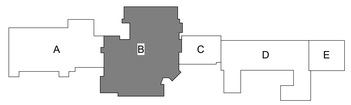
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REMOVAL NOTES:

1. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
2. DISCONNECT RECEPTACLES INSTALLED ABOVE DATA CABINET. RETAIN BRANCH CIRCUITING ABOVE CEILING AND PREPARE FOR EXTENSION.



1 FIRST FLOOR PLAN - AREA B - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

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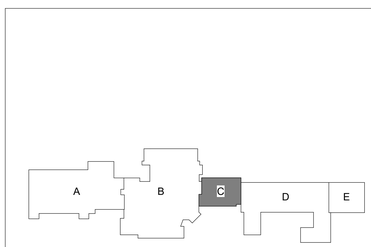
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REMOVAL NOTES:

1. DISCONNECT BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT. RETAIN BRANCH CIRCUITING FOR CONNECTION TO REPLACEMENT EQUIPMENT.
2. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT, BRANCH CIRCUITING AND LOW VOLTAGE WIRING FOR REINSTALLATION.
3. UNLESS OTHERWISE NOTED, PROVIDE TEMPORARY SUPPORT OF ALL LUMINIARES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO KEEP SYSTEMS OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.
4. EXISTING UNDERGROUND SECONDARY CONDUITS FROM UTILITY TRANSFORMER TO MDP-HV.
5. DISCONNECT PRIMARY AND SECONDARY CONDUCTORS TO UTILITY TRANSFORMER. RETAIN, PROTECT AND PREPARE ALL CONDUCTORS TO BE TERMINATED IN REPLACEMENT TRANSFORMER. EXISTING CONCRETE VAULT AND ROOF PAD SHALL REMAIN AND BE REUSED WITH REPLACEMENT TRANSFORMER.
6. DISCONNECT SURFACE MOUNTED LIGHT SWITCHES AND SURFACE RACEWAY. RETAIN SWITCHES AND LIGHTING BRANCH CIRCUITING FOR REINSTALLATION IN NEW WALL PARTITION.
7. DISCONNECT AND RETAIN RECEPTACLE AND BRANCH CIRCUITING FOR REINSTALLATION IN NEW WALL PARTITION.



1 FIRST FLOOR PLAN - AREA C - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

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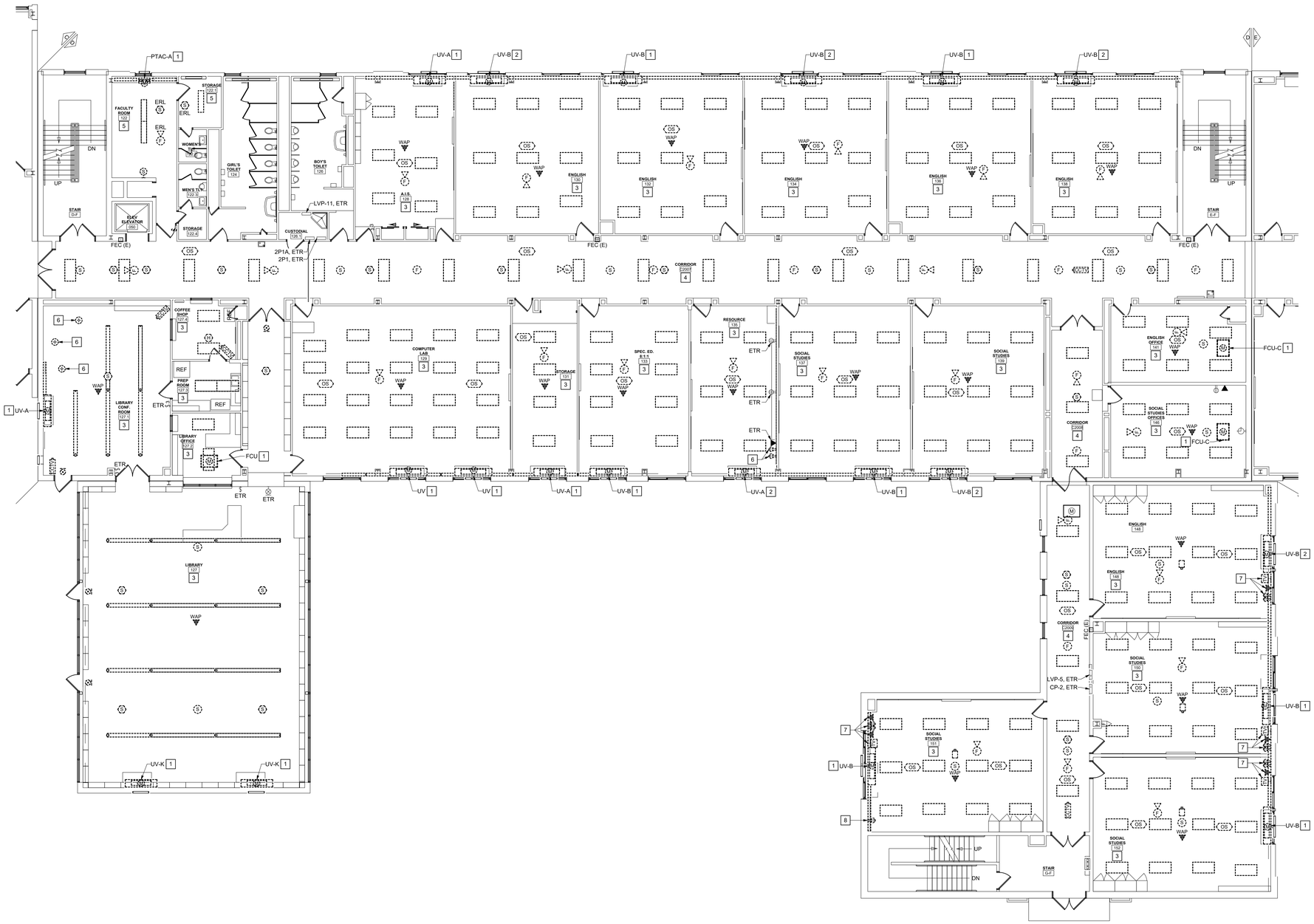
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DRAWING TITLE:

FIRST FLOOR PLAN - AREA C - ELECTRICAL DEMOLITION

D E0.06



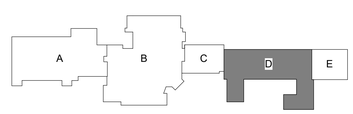
1 FIRST FLOOR PLAN - AREA D - ELECTRICAL DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT. RETAIN BRANCH CIRCUITING FOR CONNECTION TO REPLACEMENT EQUIPMENT.
2. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
3. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT, BRANCH CIRCUITING AND LOW VOLTAGE WIRING FOR REINSTALLATION.
4. UNLESS OTHERWISE NOTED, PROVIDE TEMPORARY SUPPORT OF ALL LUMINIARES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO KEEP SYSTEMS OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.
5. DISCONNECT AND REMOVE LUMINAIRES AND LIGHTING CONTROL DEVICES IN THIS ROOM. RETAIN THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT LUMINAIRES.
6. DISCONNECT RECEPTACLE INSTALLED IN SURFACE RACEWAY SYSTEM. RETAIN RECEPTACLE AND SURFACE RACEWAY JUNCTION BOX FOR REINSTALLATION. REMOVE SECTION OF SURFACE RACEWAY AND BRANCH CIRCUITING TO ALLOW FOR REINSTALLATION OF SURFACE JUNCTION BOX.
7. DISCONNECT RECEPTACLES AND TELECOMMUNICATIONS OUTLETS ALONG WALL. RETAIN ALL DEVICES, BRANCH CIRCUITING AND HORIZONTAL CABLING FOR REINSTALLATION IN NEW WALL PARTITION.
8. DISCONNECT AND RETAIN RECEPTACLE AND BRANCH CIRCUITING FOR REINSTALLATION IN NEW WALL PARTITION.
9. DISCONNECT BRANCH CIRCUITING TO SUSPENDED CEILING CLOUD WITH INTEGRATED LIGHTING. RETAIN BRANCH CIRCUITING FOR REINSTALLATION. CEILING CLOUD SHALL BE DISCONNECTED BY THE GENERAL CONTRACTOR.

PROJECT NORTH

KEY PLAN



king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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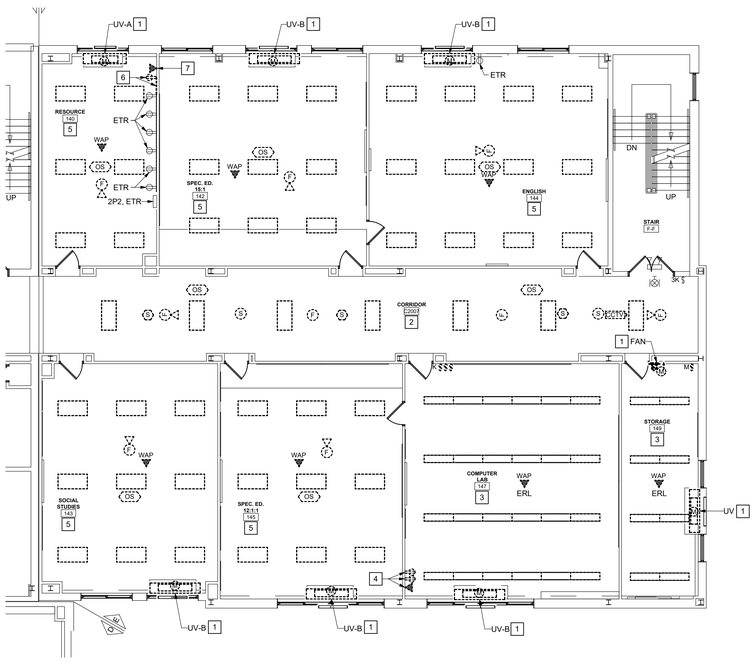
DRAWING TITLE:

FIRST FLOOR PLAN - AREA D - ELECTRICAL DEMOLITION

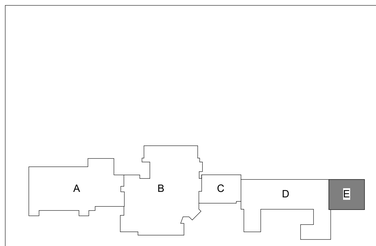
D E0.07

REMOVAL NOTES:

1. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
2. UNLESS OTHERWISE NOTED, PROVIDE TEMPORARY SUPPORT OF ALL LUMINIARES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO KEEP SYSTEMS OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.
3. DISCONNECT AND REMOVE LUMINAIRES AND LIGHTING CONTROL DEVICES IN THIS ROOM. RETAIN THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT LUMINAIRES.
4. DISCONNECT SURFACE RACEWAY WITH ASSOCIATED RECEPTACLES AND TELECOMMUNICATIONS OUTLETS. RETAIN ALL EQUIPMENT, BRANCH CIRCUITING AND LOW VOLTAGE CABLING FRO REINSTALLATION.
5. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT, BRANCH CIRCUITING AND LOW VOLTAGE WIRING FOR REINSTALLATION.
6. DISCONNECT AND REMOVE RECEPTACLE INSTALLED IN SURFACE RACEWAY SYSTEM. REMOVE SURFACE JUNCTION BOX AND SECTION OF SURFACE RACEWAY WITH BRANCH CIRCUITING BACK TO THE ADJACENT EXISTING TO REMAIN RECEPTACLE SHOWN. PROVIDE BLANK COVER OVER JUNCTION BOX OPENING IN EXSITING TO REMAIN RECEPTACLE BOX.
7. DISCONNECT AND RETAIN DATA OUTLET INSTALLED IN SURFACE JUNCTION BOX AND SURFACE RACEWAY RUN UP TO CEILING. PULL HORIZONTAL CABLING BACK TO ABOVE CEILING SPACE FOR REINSTALLATION.



1 FIRST FLOOR PLAN - AREA E - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

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SENIOR HIGH SCHOOL

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king + king ARCHITECTS

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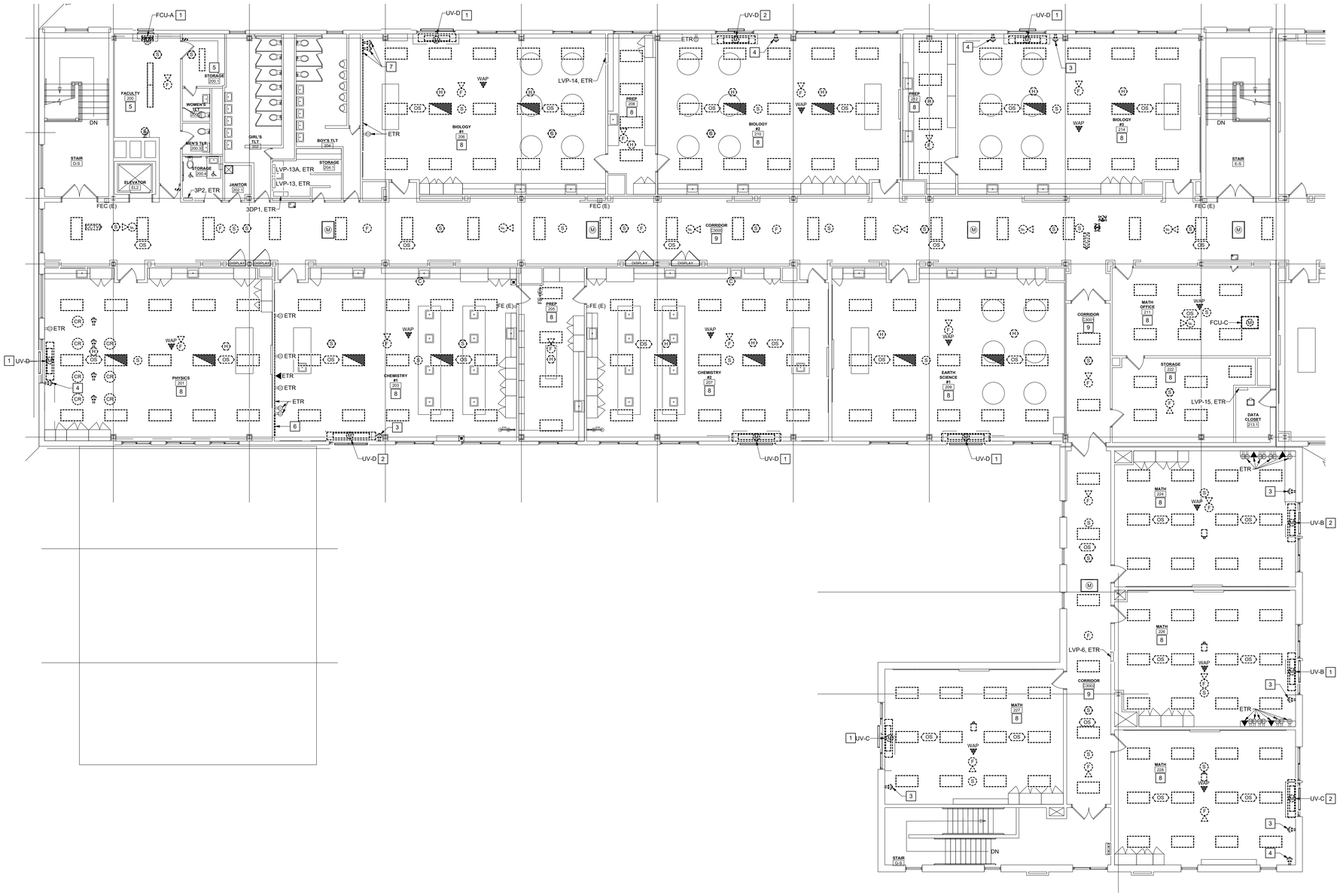
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FIRST FLOOR PLAN - AREA E - ELECTRICAL DEMOLITION

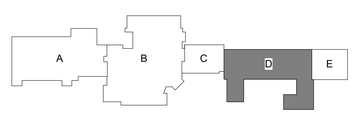
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REMOVAL NOTES:

1. DISCONNECT BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT. RETAIN THE EXISTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT EQUIPMENT.
2. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
3. DISCONNECT AND RETAIN RECEPTACLE AND BRANCH CIRCUITING FOR REINSTALLATION IN NEW WALL PARTITION.
4. DISCONNECT AND REMOVE RECEPTACLE. REMOVE BRANCH CIRCUITING BACK TO THE CLOSEST EXISTING TO REMAIN DEVICE.
5. DISCONNECT AND REMOVE LUMINAIRES AND LIGHTING CONTROL DEVICES IN THIS ROOM. RETAIN THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT LUMINAIRES.
6. DISCONNECT VERTICAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY AND HORIZONTAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY UP TO RECEPTACLE. DISCONNECT BRANCH CIRCUITING AND HORIZONTAL CABLING ROUTED THROUGH THE REMOVED SECTIONS FROM THE LOAD DEVICES AND RETAIN ABOVE CEILING.
7. DISCONNECT VERTICAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY AND HORIZONTAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY WITH ASSOCIATED RECEPTACLES TO 5-FEET OFF THE PERPENDICULAR WALL. DISCONNECT BRANCH CIRCUITING AND HORIZONTAL CABLING ROUTED THROUGH THE REMOVED SECTIONS FROM THE LOAD DEVICES AND RETAIN ABOVE CEILING.
8. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT, BRANCH CIRCUITING AND LOW VOLTAGE WIRING FRO REINSTALLATION.
9. UNLESS OTHERWISE NOTED, PROVIDE TEMPORARY SUPPORT OF ALL LUMINIARES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO KEEP SYSTEMS OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.



1 SECOND FLOOR PLAN - AREA D - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

king + king ARCHITECTS

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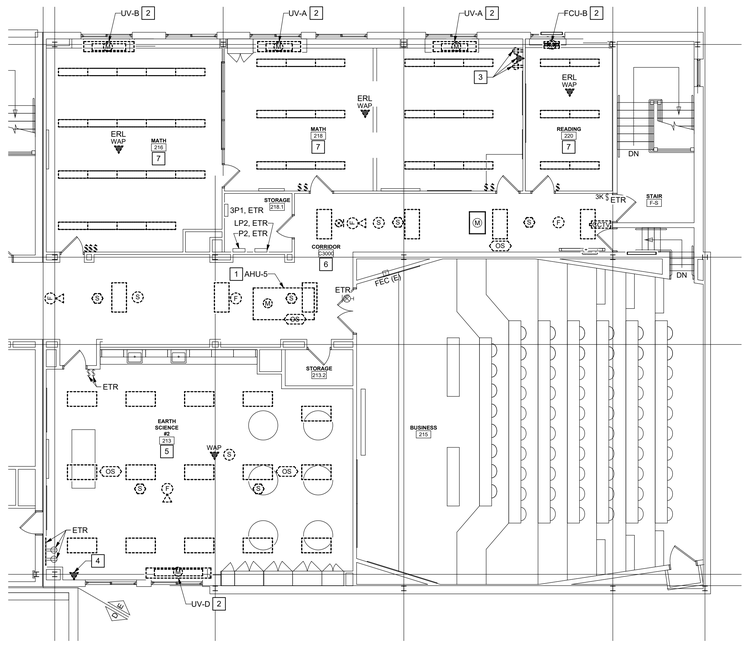
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SECOND FLOOR PLAN - AREA D - ELECTRICAL DEMOLITION

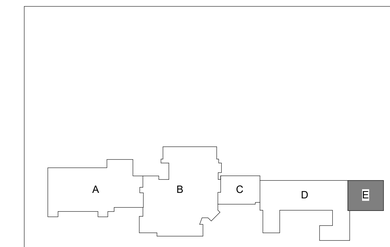
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REMOVAL NOTES:

1. DISCONNECT BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT AND RETAIN HOMERUN FOR REUSE WITH REPLACEMENT EQUIPMENT.
2. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE.
3. DISCONNECT SURFACE RACEWAY AND ASSOCIATED RECEPTACLES AND TELECOMMUNICATIONS OUTLETS. RETAINALL EQUIPMENT, BRANCH CIRCUITING AND HORIZONTAL CABLING FOR REINATALLATION.
4. DISCONNECT DATA OUTLET. RETAIN DATA JACK, COVERPLATE AND HORIZONTAL CABLING FOR REUSE.
5. DISCONNECT ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM. RETAIN ALL EQUIPMENT, BRANCH CIRCUITING AND LOW VOLTAGE WIRING FRO REINSTALLATION.
6. UNLESS OTHERWISE NOTED, PROVIDE TEMPORARY SUPPORT OF ALL LUMINIARES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO KEEP SYSTEMS OPERATIONAL THROUGHOUT THE DURATION OF CONSTRUCTION.
7. DISCONNECT AND REMOVE LUMINAIRES AND LIGHTING CONTROL DEVICES IN THIS ROOM. RETAIN THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT LUMINAIRES.



1 SECOND FLOOR PLAN - AREA E - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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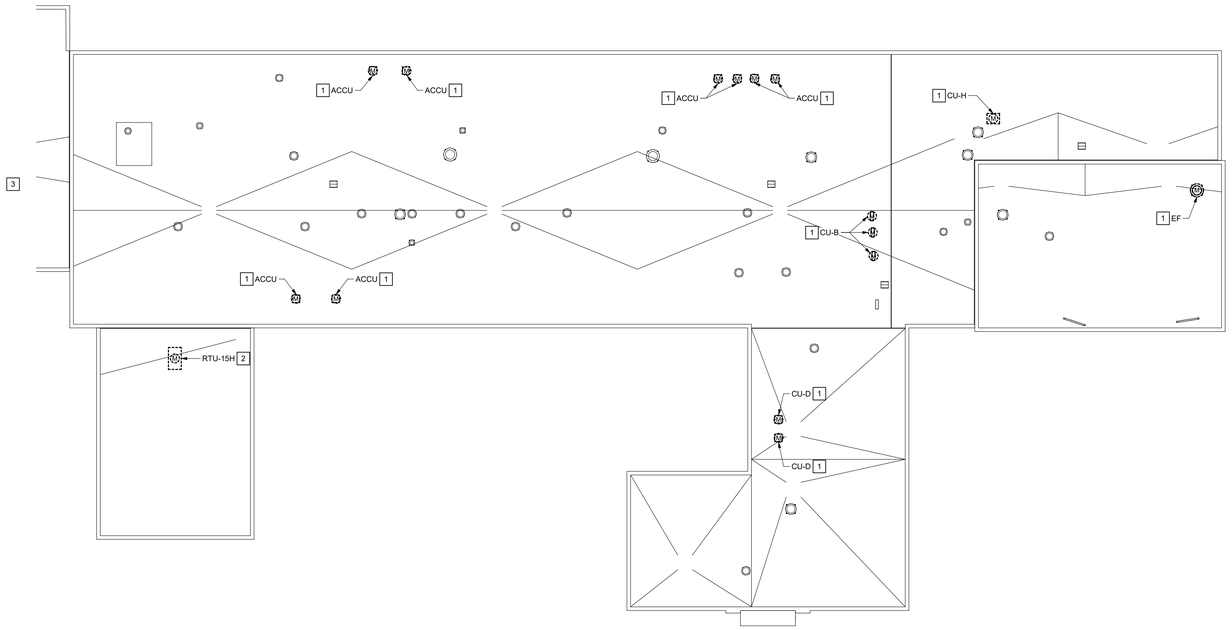
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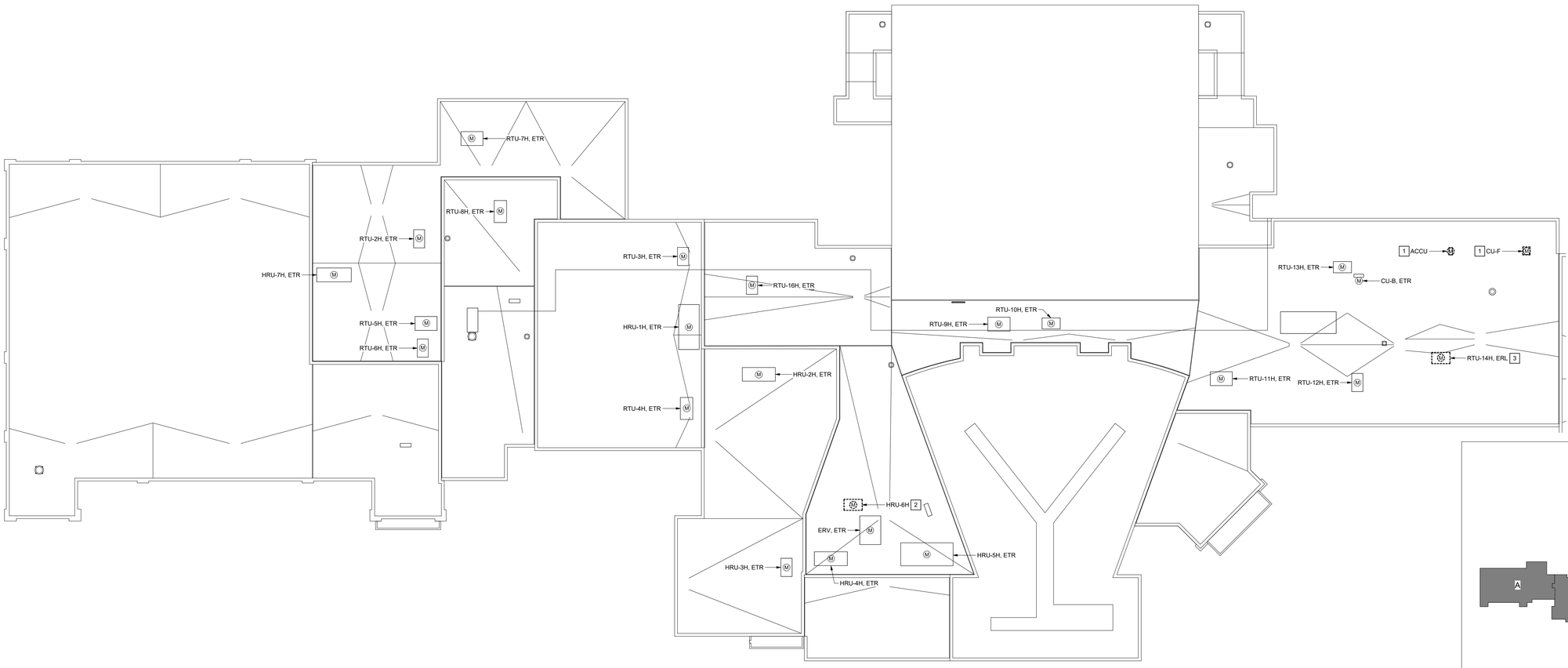
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SECOND FLOOR PLAN - AREA E - ELECTRICAL DEMOLITION

D E0.10



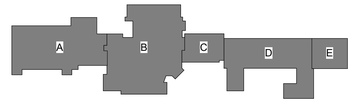
2 ROOF PLAN - AREAS D & E - ELECTRICAL DEMOLITION
1/16" = 1'-0"



1 ROOF PLAN - AREAS A, B & C - ELECTRICAL DEMOLITION
1/16" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE. REMOVE ALL ASSOCIATED STARTERS, DISCONNECT SWITCHES AND FIRE ALARM CONNECTIONS.
2. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO HVAC EQUIPMENT BACK TO SOURCE. REMOVE ALL ASSOCIATED STARTERS, DISCONNECT SWITCHES AND FIRE ALARM CONNECTIONS. RETAIN CONDUIT PATHWAY TO ROUTE NEW CONDUCTORS TO REPLACEMENT EQUIPMENT.
3. DISCONNECT BRANCH CIRCUIT CONNECTION AND FIRE ALARM CONNECTION TO ROOFTOP UNIT AND PULL DOWN INTO BUILDING ABOVE CEILING SPACE. RETAIN ALL WIRING AND PREPARE FOR EXTENSION TO NEW LOCATION OF ROOFTOP UNIT.



PROJECT NORTH

KEY PLAN

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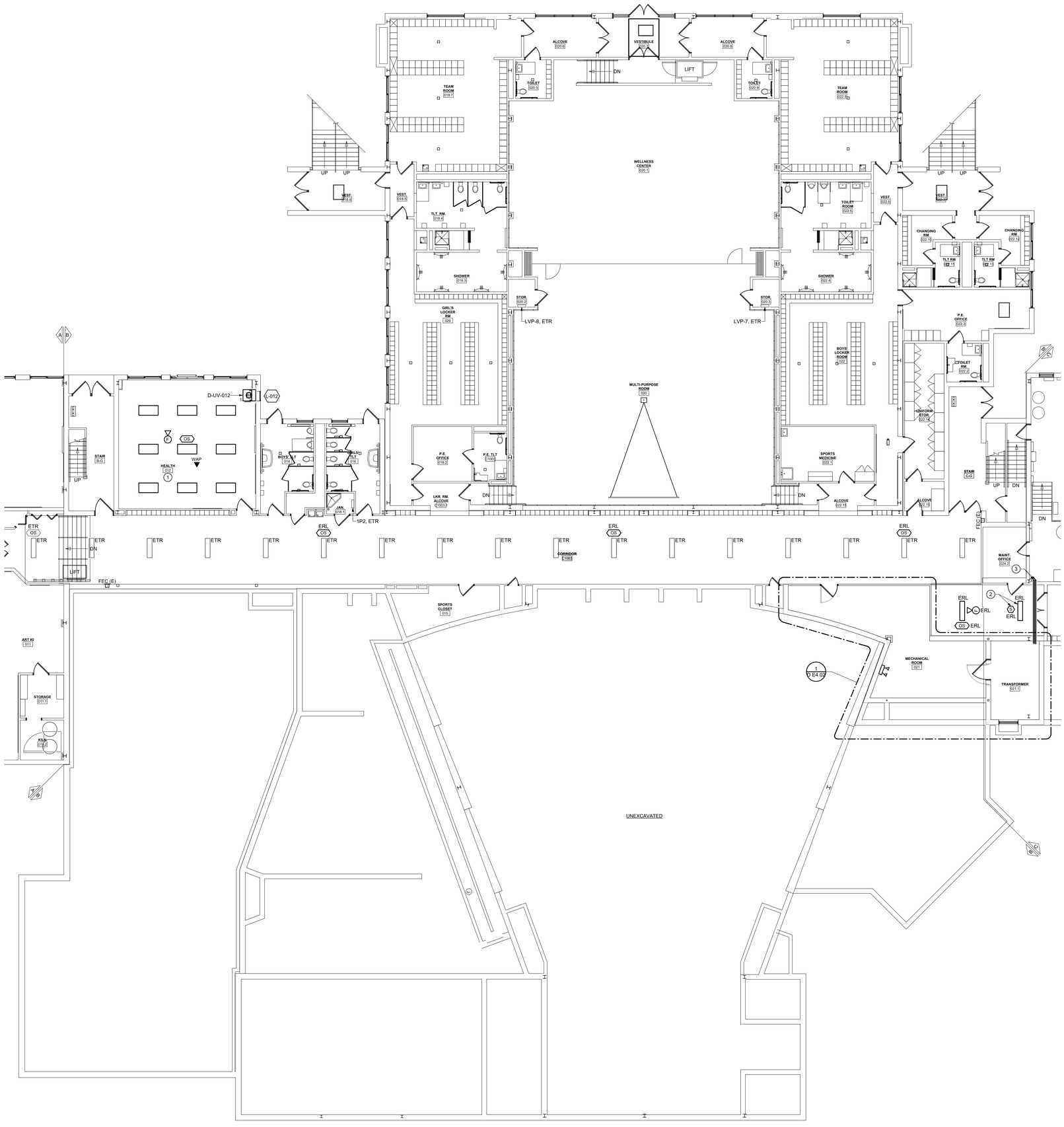
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ROOF PLANS - ELECTRICAL DEMOLITION

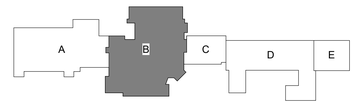
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DRAWING NOTES:

1. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
2. COORDINATE LUMINAIRE AND SMOKE DETECTOR LOCATION WITH THE NEW SOFFIT BEING CONSTRUCTED ADJACENT TO DOORWAY.
3. CONDUITS FOR D-CH-01 BRANCH CIRCUITING TO BE ROUTED THROUGH NEW CORRIDOR SOFFIT. CONDUITS TO PENETRATE INTO BOILER ROOM AND FOLLOW THE PATHWAY OF THE CHILLED WATER PIPING TO CHILLER. COORDINATE ROUTING PATHWAY WITH THE HVAC CONTRACTOR.



1 GROUND FLOOR PLAN - AREA B - ELECTRICAL
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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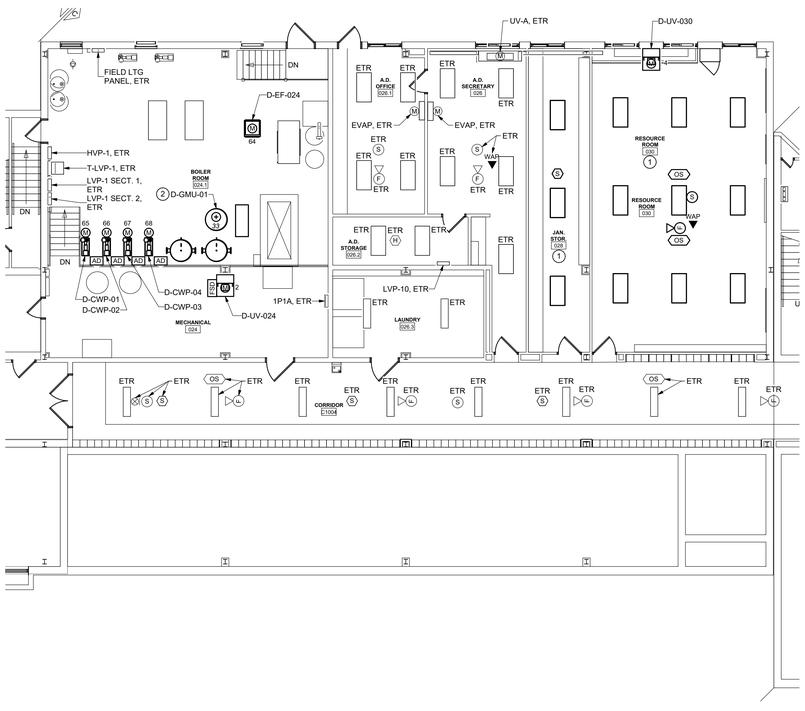
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GROUND FLOOR PLAN - AREA B - ELECTRICAL

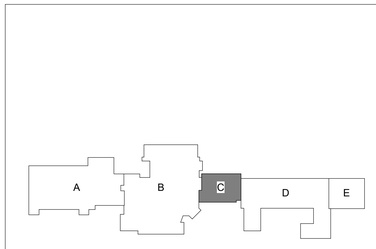
D E1.01

DRAWING NOTES:

1. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
2. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT FROM PANELBOARD LVP-1 SECTION 1 TO D-GMU-01.



1 GROUND FLOOR PLAN - AREA C - ELECTRICAL
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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KING + KING PROJ. NO.: **23-44-7954**

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D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

IBC Engineering, P.C.
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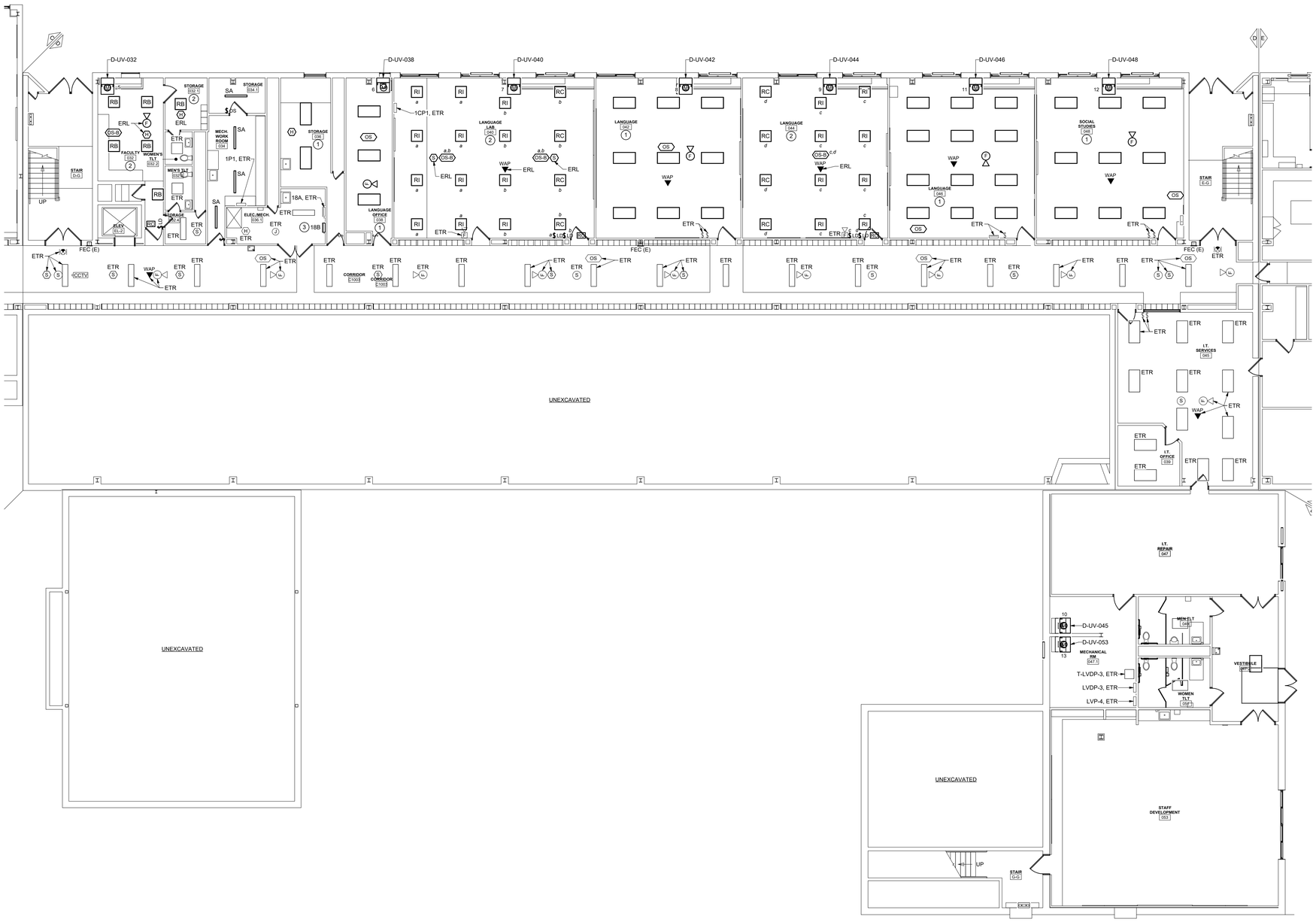
DRAWING TITLE:

GROUND FLOOR PLAN - AREA C - ELECTRICAL

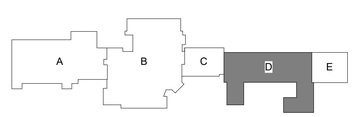
D E1.02

DRAWING NOTES:

1. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
2. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT TO REPLACEMENT LUMINAIRES.
3. PROVIDE REPLACEMENT PANELBOARD, 208Y/120V, 100A MLO, 30 SPACE. RECONNECT FEEDER AND EXISTING TO REMAIN BRANCH CIRCUITS INTO NEW PANELBOARD IN THE SAME CIRCUIT NUMBER SPACE AS EXISTING.



1 GROUND FLOOR PLAN - AREA D - ELECTRICAL
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

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DRAWING TITLE:

GROUND FLOOR PLAN - AREA D - ELECTRICAL

D E1.03

GENERAL SHEET NOTES:

A. ALL LUMINAIRES WITH THE NL DESIGNATION SHALL BE CONNECTED TO THE LINE SIDE OF THE LIGHTING BRANCH CIRCUIT.

B. PROVIDE ALL HALF-SHADED LUMINAIRES WITH A 50 WATT INVERTER TO PROVIDE EMERGENCY LIGHTING. INSTALL TEST SWITCH IN CEILING TILE ADJACENT TO LUMINAIRE.

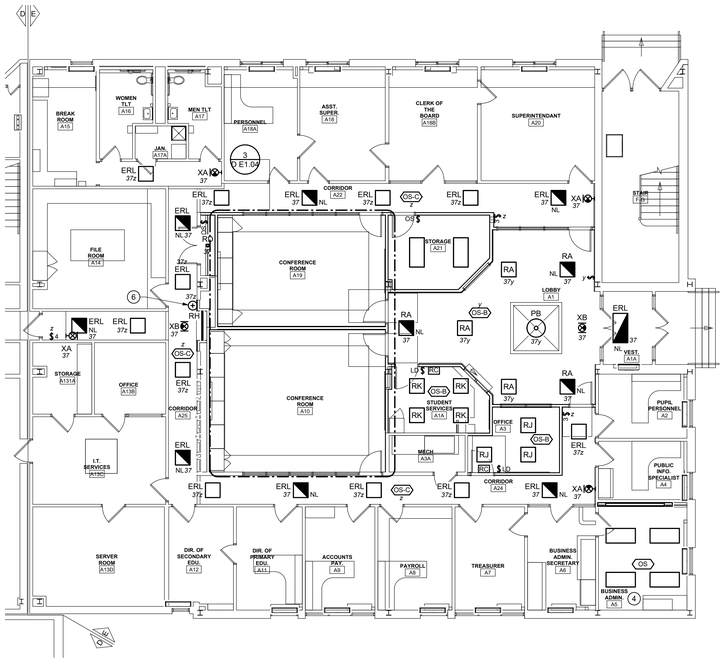
C. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT EXIT SIGNS TO THE LINE SIDE OF THE LIGHTING BRANCH CIRCUIT.

D. ROUTE ALL HORIZONTAL CABLING BACK TO SERVER ROOM A13D.

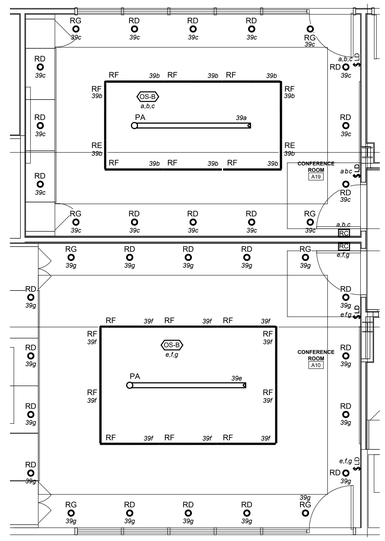
E. UNLESS OTHERWISE NOTED, PROVIDE CONNECTION OF ALL LIGHTING BRANCH CIRCUITING SHOWN ON THIS SHEET TO PANELBOARD LP1.

DRAWING NOTES:

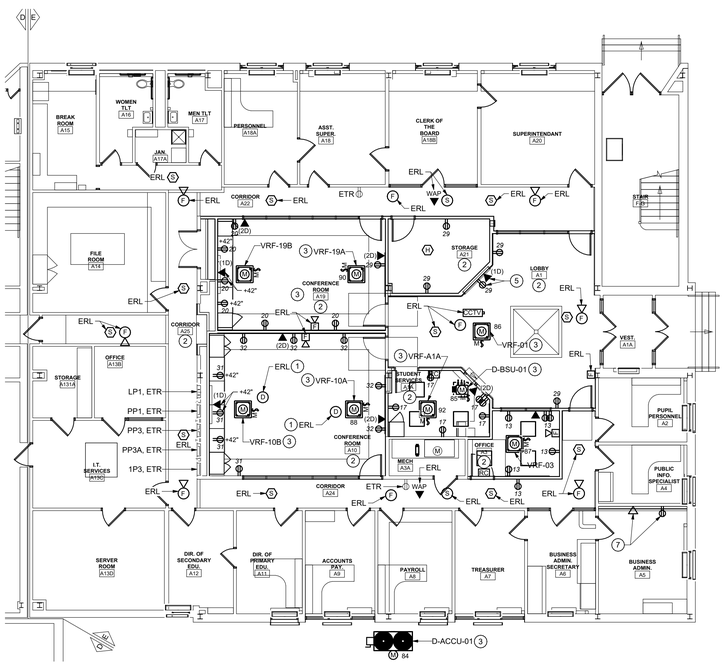
1. COORDINATE THE EXACT LOCATION OF CEILING MOUNTED DOCUMENT CAMERA WITH THE OWNER.
2. PROVIDE CONNECTION OF RECEPTACLES IN THIS ROOM TO PANELBOARD LP1.
3. MODIFY AND EXTEND THE EXISTING HVAC EQUIPMENT BRANCH CIRCUITING AS NOTED ON THE ELECTRIC EQUIPMENT AND CONTROLS SCHEDULE TO CONNECT TO REPLACEMENT EQUIPMENT. REFER TO SHEET D E6.01 FOR ADDITIONAL INFORMATION.
4. REINSTALL LED LUMINAIRES AND OCCUPANCY SENSOR IN ACT CEILING SYSTEM. CONNECT TO THE EXISTING LIGHTING BRANCH CIRCUITING AND CONTROL WIRING.
5. PROVIDE DUPLEX RECEPTACLE AND DATA OUTLET INSTALLED AT 48" A.F.F. FOR TV. COORDINATE EXACT LOCATION WITH THE ARCHITECT PRIOR TO ROUGH-IN.
6. PROVIDE 120V-24V POWER SUPPLY TO SERVE TYPE RH LUMINAIRE. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) FROM PANELBOARD LP1 TO POWER SUPPLY. PROVIDE 24V WIRING FROM THE POWER SUPPLY SECONDARY TO TYPE RH LUMINAIRE AS RECOMMENDED BY THE MANUFACTURER.
7. REINSTALL RECEPTACLE AND TELECOMMUNICATIONS OUTLET IN SURFACE JUNCTION BOXES ABVOE FIN TUBE RADIATION. PROVIDE SINGLE CHANNEL SURFACE RACEWAY DOWN WALL FROM CEILING TO EACH DEVICE TO ROUTE EXISTING BRANCH CIRCUITING AND HORIZONTAL CABLING TO RECONNECT TO DEVICE.



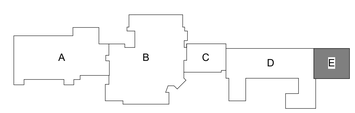
2 GROUND FLOOR PLAN - AREA E - LIGHTING
1/8" = 1'-0"



3 CONFERENCE ROOM PLANS - LIGHTING
1/4" = 1'-0"



1 GROUND FLOOR PLAN - AREA E - POWER & SYSTEMS
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

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ENDWELL, NY 13760

king + king ARCHITECTS

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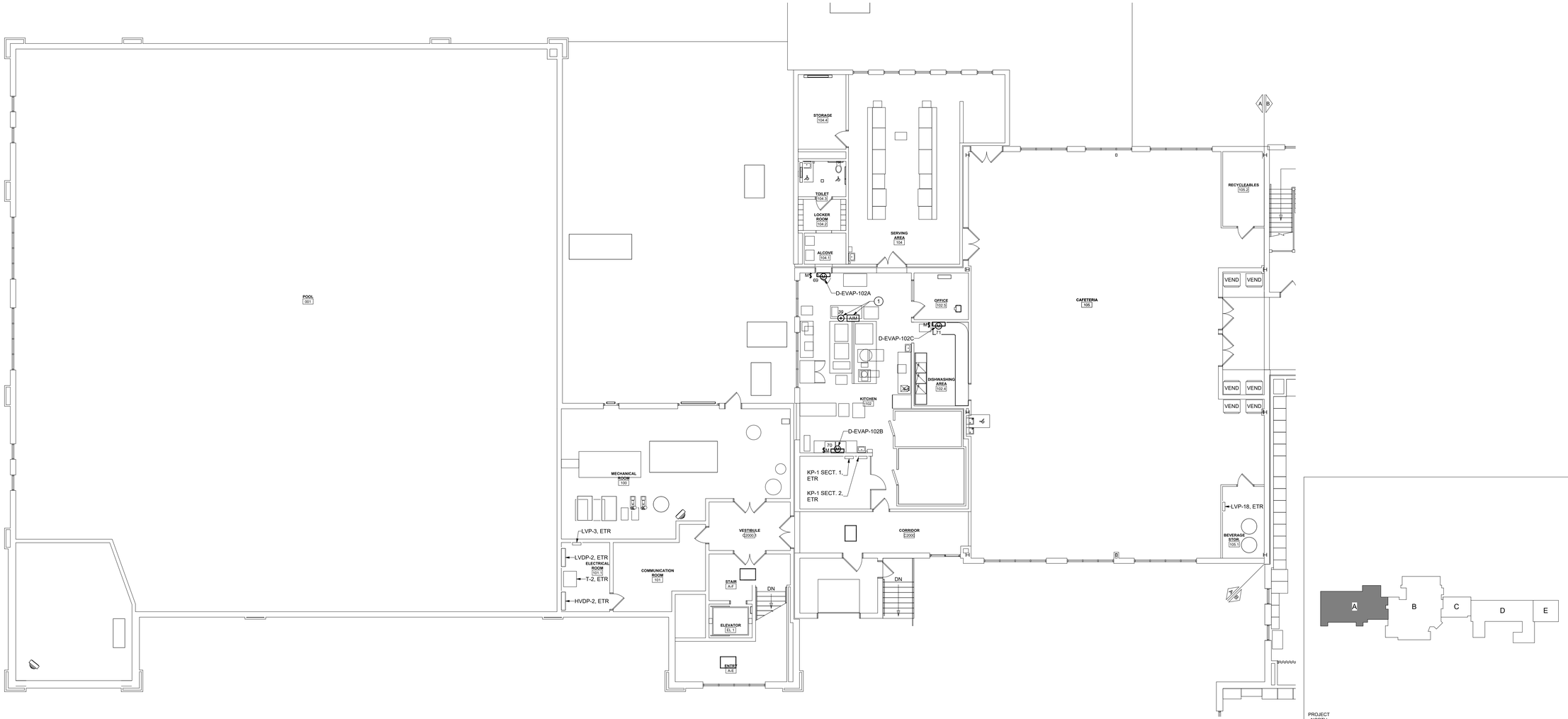
DRAWING TITLE:

GROUND FLOOR PLAN - AREA E - ELECTRICAL

D E1.04

DRAWING NOTES:

1. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO SOLENOID VALVE FROM PANELBOARD KP-1 SECTION 2. PROVIDE FIRE ALARM ADDRESSABLE INPUT MODULE TO TIE FIRE SUPPRESSION SYSTEM INTO THE FIRE ALARM SYSTEM.



1 FIRST FLOOR PLAN - AREA A - ELECTRICAL
1/8" = 1'-0"

PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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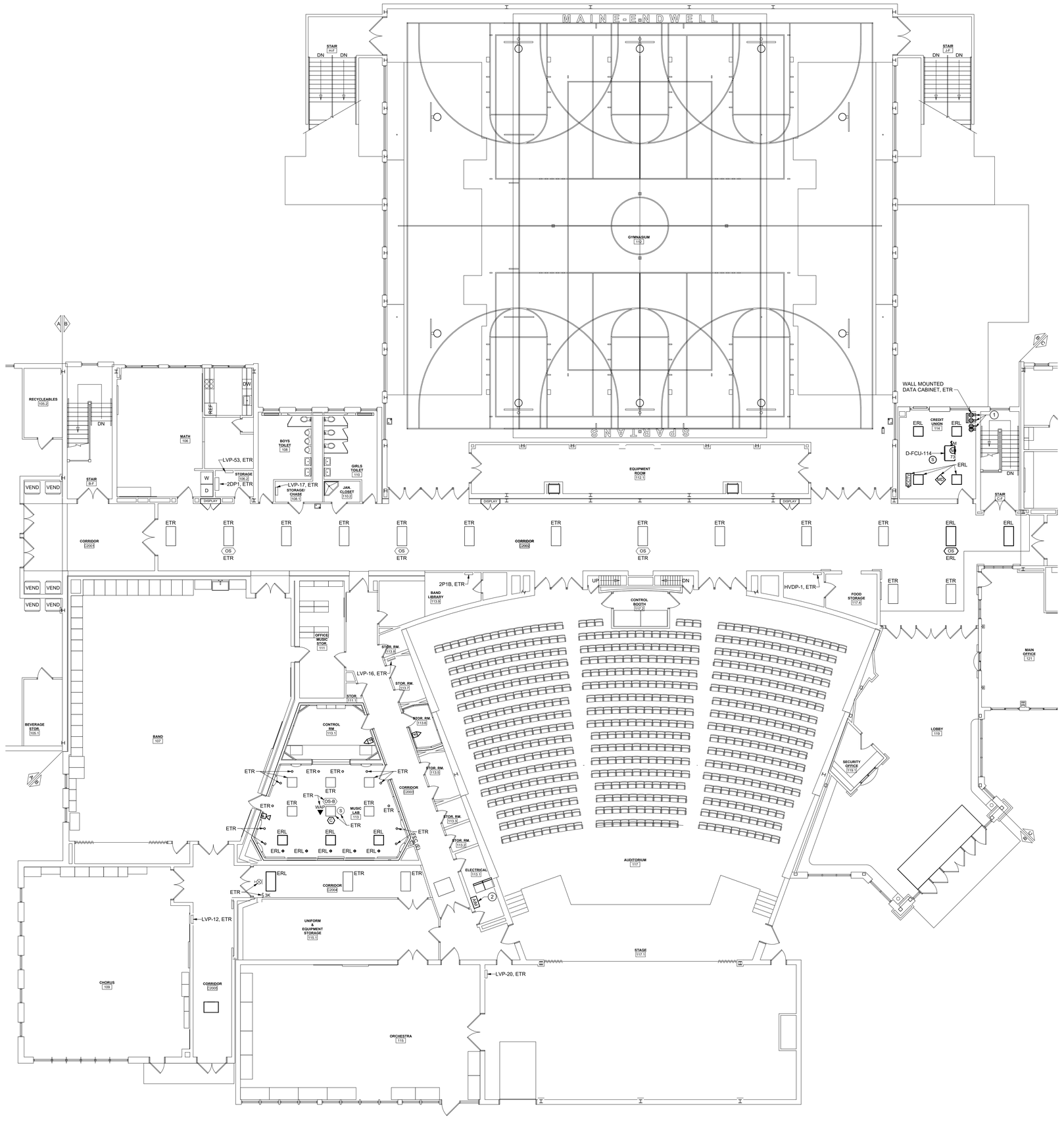
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FIRST FLOOR PLAN - AREA A - ELECTRICAL

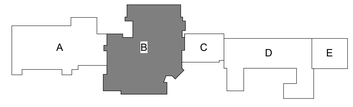
D E1.05

DRAWING NOTES:

1. PROVIDE REPLACEMENT RECEPTACLE INSTALLED IN ACT CEILING TILE ABOVE DATA CABINET AND CONNECT TO THE EXISTING BRANCH CIRCUITING RETAINED FROM DEMOLITION. PROVIDE (2)#12 AND (1)#12EG IN 3/4" CONDUIT AS REQUIRED TO CONNECT TO RECEPTACLE.
2. PROVIDE ADDRESSABLE FIRE ALARM MODULE TO TIE INTO THE DIGITAL SIGNAL PROCESSOR AND OVERRIDE THE MUSIC SUITE SOUND SYSTEM UPON ACTIVATION OF THE FIRE ALARM SYSTEM. COORDINATE WITH THE OWNER.



1 FIRST FLOOR PLAN - AREA B - ELECTRICAL
1/8" = 1'-0"



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KEY PLAN

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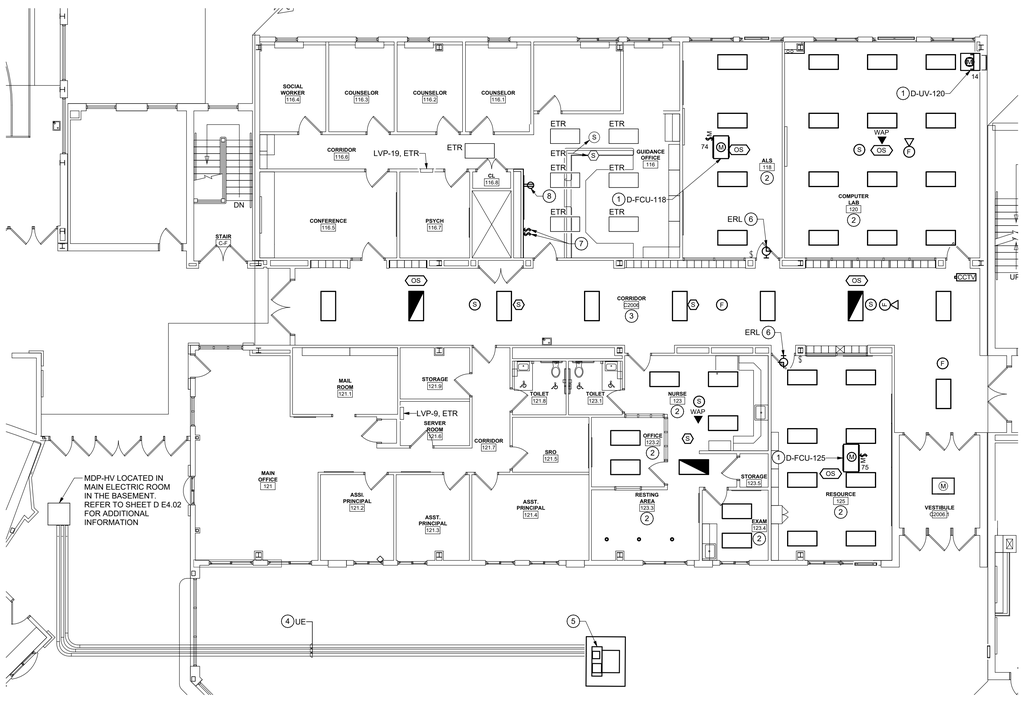
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FIRST FLOOR PLAN - AREA B - ELECTRICAL

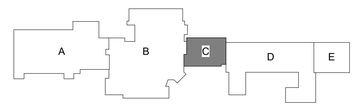
D E1.06

DRAWING NOTES:

1. MODIFY AND EXTEND THE EXISTING HVAC EQUIPMENT POWER BRANCH CIRCUITING WITH WIRING INDICATED ON THE ELECTRIC EQUIPMENT AND CONTROLS SCHEDULE. REFER TO SHEET D E6.01 FOR BRANCH CIRCUIT INFORMATION.
2. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO THE EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
3. UPON COMPLETION OF ABOVE CEILING INSTALLATIONS, REINSTALL ALL LUMINAIRES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO IN THE ACT CEILING SYSTEM TO RESTORE PRE-CONSTRUCTION CONDITIONS. PROVIDE TESTING OF ALL SYSTEMS TO VERIFY PROPER FUNCTION.
4. EXISTING UNDERGROUND SECONDARY CONDUITS FROM UTILITY TRANSFORMER TO MDP-HV. PROVIDE FEEDER CONDUCTORS ROUTED THROUGH THE EXISTING SPARE 4" CONDUIT AS NOTED ON THE ONE-LINE RISER DIAGRAM ON SHEET D E5.02.
5. NEW PAD MOUNT UTILITY TRANSFORMER PROVIDED BY NYSEG INSTALLED TO EXISTING CONCRETE VAULT AND ROOF PAD.
6. REINSTALL CLOCK BELOW NEW CEILING SYSTEM.
7. REINSTALL LIGHT SWITCHES IN NEW WALL PARTITION WITH RECESSED SWITCHBOX. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUITING WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT AS REQUIRED TO CONNECT TO SWITCHES.
8. REINSTALL RECEPTACLE IN NEW WALL PARTITION.. MODIFY AND EXTEND THE EXISTING RECEPTACLE BRANCH CIRCUITING WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT AS REQUIRED TO CONNECT TO RECEPTACLE.



1 FIRST FLOOR PLAN - AREA C - ELECTRICAL
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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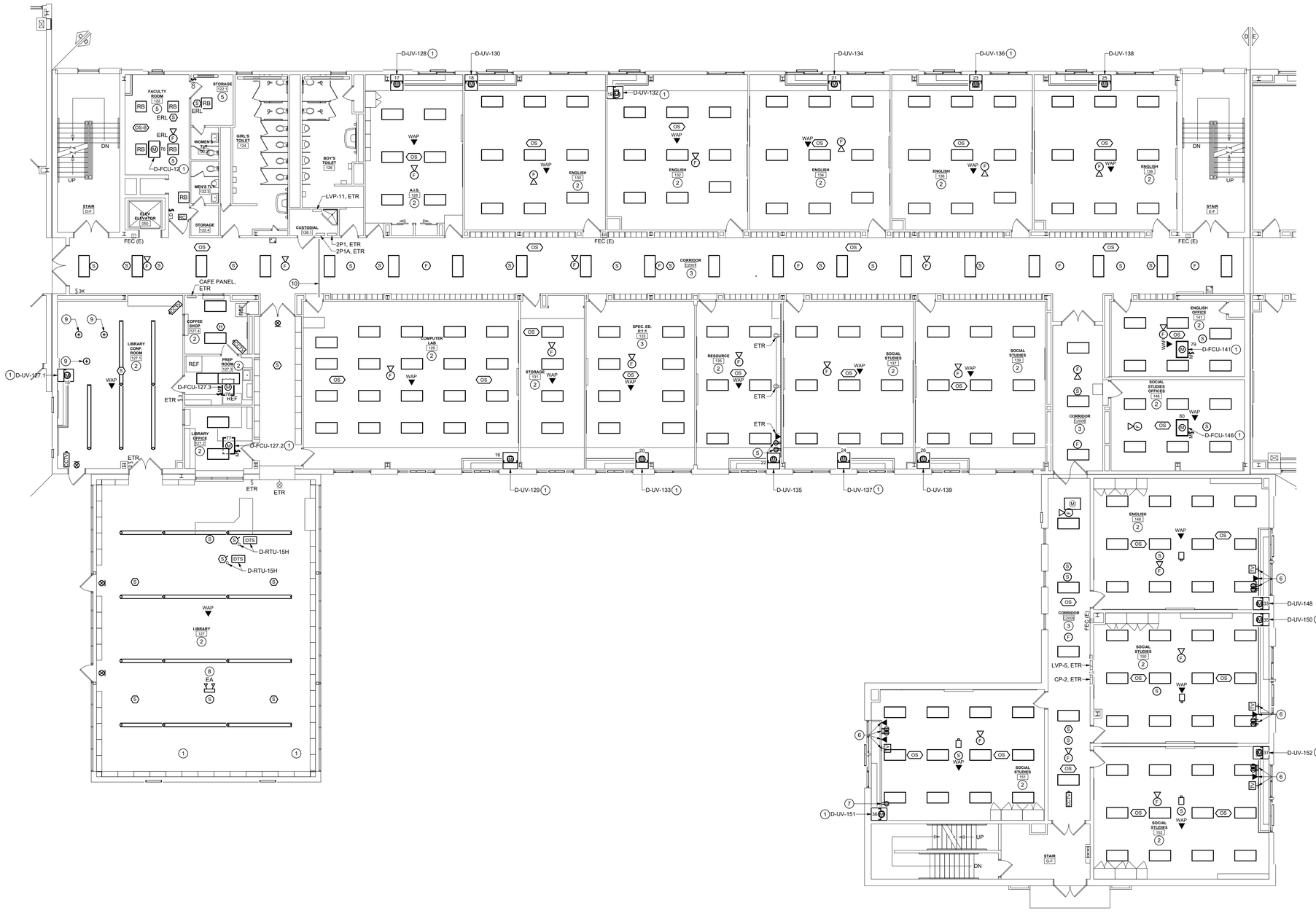
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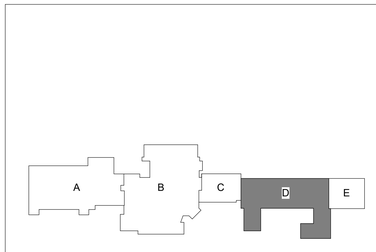
D E1.07



1 FIRST FLOOR PLAN - AREA D - ELECTRICAL
1/8" = 1'-0"

DRAWING NOTES:

1. MODIFY AND EXTEND THE EXISTING HVAC EQUIPMENT POWER BRANCH CIRCUITING WITH WIRING INDICATED ON THE ELECTRIC EQUIPMENT AND CONTROLS SCHEDULE. REFER TO SHEET D E6.01 FOR BRANCH CIRCUIT INFORMATION.
2. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO THE EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
3. UPON COMPLETION OF ABOVE CEILING INSTALLATIONS, REINSTALL ALL LUMINAIRES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO IN THE ACT CEILING SYSTEM TO RESTORE PRE-CONSTRUCTION CONDITIONS. PROVIDE TESTING OF ALL SYSTEMS TO VERIFY PROPER FUNCTION.
4. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT TO REPLACEMENT LUMINAIRES.
5. REINSTALL SURFACE RACEWAY JUNCTION BOX AND RECEPTACLE ADJACENT TO DATA OUTLET AND CONNECT TO THE EXISTING BRANCH CIRCUITING. MODIFY THE EXISTING SURFACE RACEWAY SYSTEM AS REQUIRED TO CONNECT SECTIONS TOGETHER.
6. REINSTALL RECEPTACLES AND TELECOMMUNICATIONS OUTLETS IN NEW WALL PARTITION AND RECONNECT TO THE EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
7. REINSTALL RECEPTACLE IN NEW WALL PARTITION AND RECONNECT TO THE EXISTING BRANCH CIRCUITING.
8. PROVIDE TYPE EA LUMINAIRE INSTALLED IN CEILING TILE WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT LUMINAIRE TO THE LINE SIDE OF THE LOCAL LIGHTING BRANCH CIRCUIT.
9. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUITING WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO RECONNECT TO THE SUSPENDED CEILING CLOUD INTEGRATED LIGHTING. COORDINATE CEILING CLOUD LOCATION WITH THE GENERAL CONTRACTOR.
10. REWORK THE EXISTING 3/4" CONDUIT AND WIRING ABOVE CEILING TO ALLOW FOR CHILLED WATER PIPING INSTALLATION. PROVIDE JUNCTION BOXES AND NEW 3/4" CONDUIT AND WIRING AS REQUIRED TO RE-ROUTE. COORDINATE WORK WITH THE HVAC CONTRACTOR.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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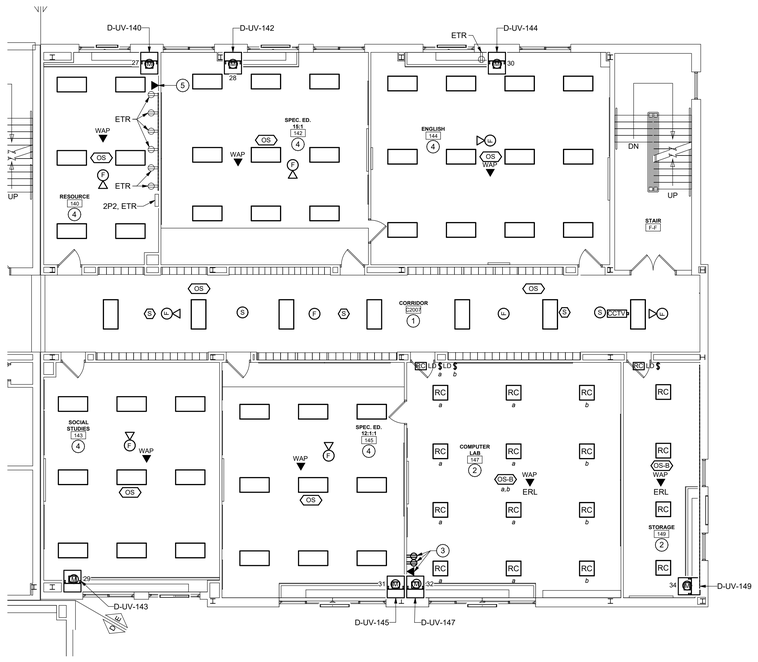
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FIRST FLOOR PLAN - AREA D - ELECTRICAL

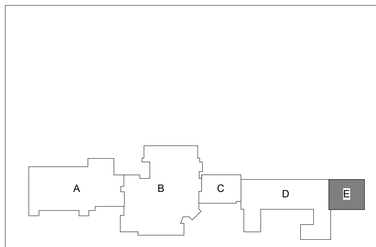
D E1.08

DRAWING NOTES:

1. UPON COMPLETION OF ABOVE CEILING INSTALLATIONS, REINSTALL ALL LUMINIARES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO IN THE ACT CEILING SYSTEM TO RESTORE PRE-CONSTRUCTION CONDITIONS. PROVIDE TESTING OF ALL SYSTEMS TO VERIFY PROPER FUNCTION.
2. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN WITH (2)-# 12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT TO REPLACEMENT LUMINAIRES.
3. REINSTALL SURFACE RACEWAY WITH ASSOCIATED RECEPTACLES AND TELECOMMUNICATIONS OUTLETS AND CONNECT TO THE EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
4. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO THE EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
5. REINSTALL DATA OUTLET, SURFACE JUNCTION BOX AND SURFACE RACEWAY UP TO CEILING. RUN EXISTING HORIZONTAL CABLING DOWN FROM CEILING THROUGH THE SURFACE RACEWAY AND RECONNECT TO THE DATA OUTLET. DATA OUTLET SHALL BE LOCATED 3-FEET IN FRONT OF THE UNIT VENTILATOR.



1 FIRST FLOOR PLAN - AREA E - ELECTRICAL
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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JON C. HELBERG
EXP. 06/30/2026
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LICENSED PROFESSIONAL ENGINEER

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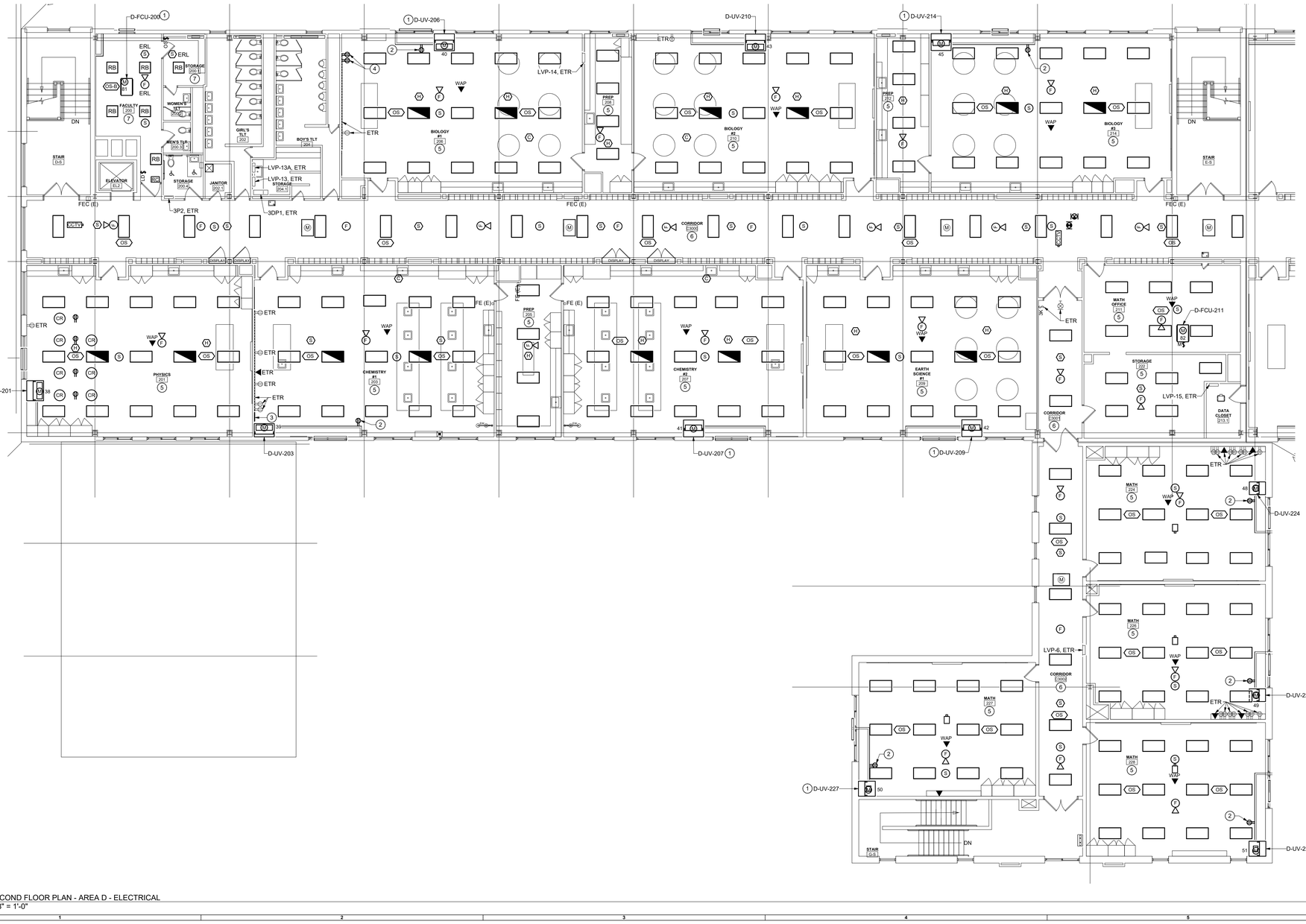
DRAWING TITLE:

FIRST FLOOR PLAN - AREA E - ELECTRICAL

D E1.09

DRAWING NOTES:

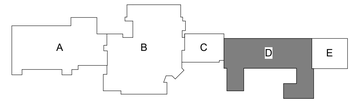
1. MODIFY AND EXTEND THE EXISTING HVAC EQUIPMENT POWER BRANCH CIRCUITING WITH WIRING INDICATED ON THE ELECTRIC EQUIPMENT AND CONTROLS SCHEDULE. REFER TO SHEET D E6.01 FOR BRANCH CIRCUIT INFORMATION.
2. REINSTALL RECEPTACLE IN NEW WALL PARTITION AND RECONNECT TO THE EXISTING BRANCH CIRCUITING.
3. REINSTALL VERTICAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY AND HORIZONTAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY AND RECONNECT TO THE EXISTING LOAD DEVICES.
4. REINSTALL VERTICAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY, HORIZONTAL SECTION OF DUAL-CHANNEL SURFACE RACEWAY WITH ASSOCIATED RECEPTACLES AND RECONNECT TO THE EXISTING BRANCH CIRCUITING AND HORIZONTAL CABLING ROUTED.
5. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO THE EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
6. UPON COMPLETION OF ABOVE CEILING INSTALLATIONS, REINSTALL ALL LUMINIAIRES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO IN THE ACT CEILING SYSTEM TO RESTORE PRE-CONSTRUCTION CONDITIONS. PROVIDE TESTING OF ALL SYSTEMS TO VERIFY PROPER FUNCTION.
7. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT TO REPLACEMENT LUMINAIRES.



1 SECOND FLOOR PLAN - AREA D - ELECTRICAL
1/8" = 1'-0"

PROJECT NORTH

KEY PLAN



king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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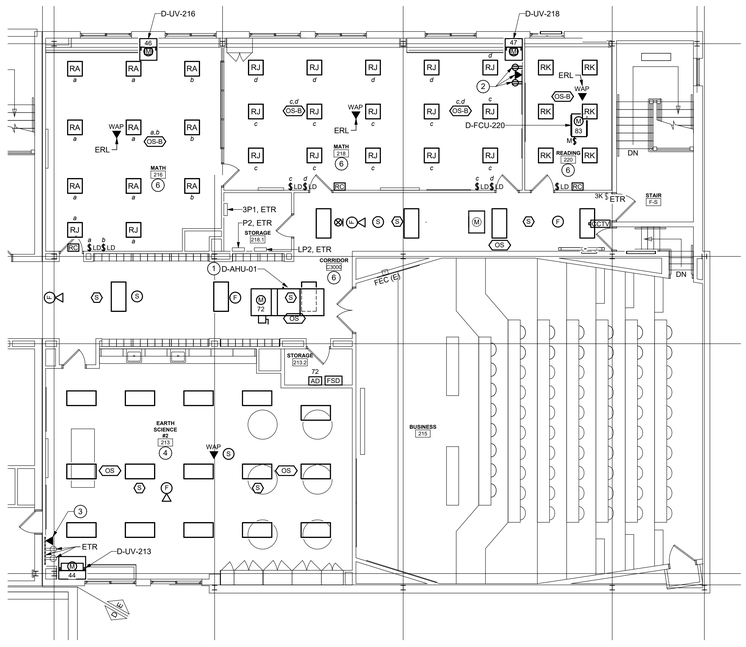
DRAWING TITLE:

SECOND FLOOR PLAN - AREA D - ELECTRICAL

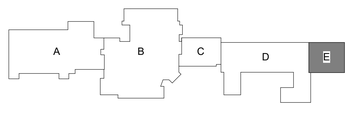
D E1.10

DRAWING NOTES:

1. MODIFY AND EXTEND THE EXISTING HVAC EQUIPMENT POWER BRANCH CIRCUITING WITH WIRING INDICATED ON THE ELECTRIC EQUIPMENT AND CONTROLS SCHEDULE. REFER TO SHEET D E6.01 FOR BRANCH CIRCUIT INFORMATION.
2. REINSTALL DUAL-CHANNEL SURFACE RACEWAY, RECEPTACLES AND DATA OUTLETS AND CONNECT TO THE EXISTING BRANCH CIRCUITING AND HORIZONTAL CABLING.
3. PROVIDE SINGLE-CHANNEL SURFACE RACEWAY AND BACK BOX TO REINSTALL DATA OUTLET AND CONNECT TO THE EXISTING HORIZONTAL CABLING.
4. REINSTALL ALL CEILING MOUNTED LUMINAIRES, LIGHTING CONTROL DEVICES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND WIRELESS ACCESS POINTS IN THIS ROOM AND CONNECT TO THE EXISTING BRANCH CIRCUITING AND LOW VOLTAGE WIRING.
5. UPON COMPLETION OF ABOVE CEILING INSTALLATIONS, REINSTALL ALL LUMINIARES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS AND SECURITY CAMERAS IN CORRIDORS TO IN THE ACT CEILING SYSTEM TO RESTORE PRE-CONSTRUCTION CONDITIONS. PROVIDE TESTING OF ALL SYSTEMS TO VERIFY PROPER FUNCTION.
6. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN WITH (2)-# 12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT TO REPLACEMENT LUMINAIRES.



1 SECOND FLOOR PLAN - AREA E - ELECTRCIAL
1/8" = 1'-0"



PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

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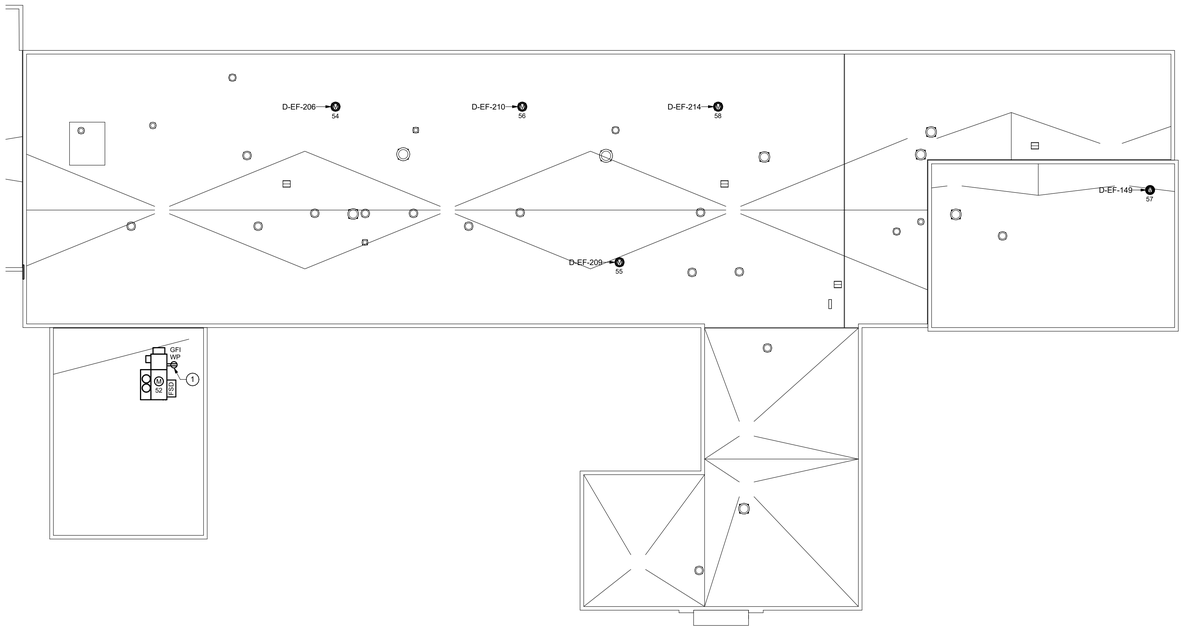
DRAWING TITLE:

SECOND FLOOR PLAN - AREA E - ELECTRICAL

D E1.11

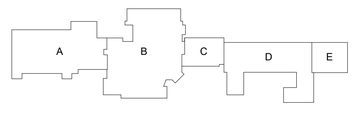
DRAWING NOTES:

1. PROVIDE GFI PROTECTED DUPLEX RECEPTACLE IN WEATEHRPROOF ENCLOSURE AND CONNECT TO THE NEAREST RECEPTACLE BRANCH CIRCUIT WITHIN THE BUILDING.
2. MODIFY AND EXTEND THE EXISTING BRANCH CIRCUITING AND FIRE ALARM WIRING AS REQUIRED TO CONNECT TO ROOFTOP UNIT. PROVIDE JUNCTION BOXES IN ABOVE CEILING SPACE TO EXTEND WIRING.



2 ROOF PLAN - AREAS D & E - ELECTRICAL
1/16" = 1'-0"

1 ROOF PLAN - AREAS A, B & C - ELECTRICAL
1/16" = 1'-0"



PROJECT NORTH

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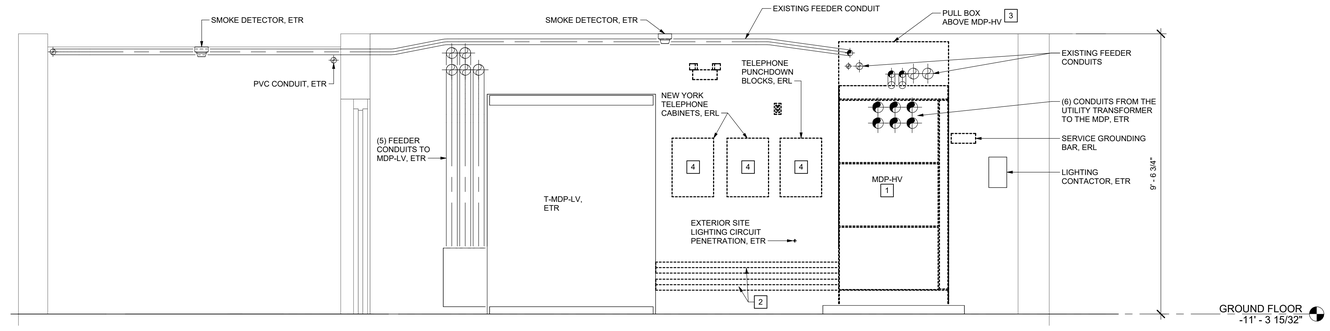
DRAWING TITLE:

ROOF PLANS - ELECTRICAL

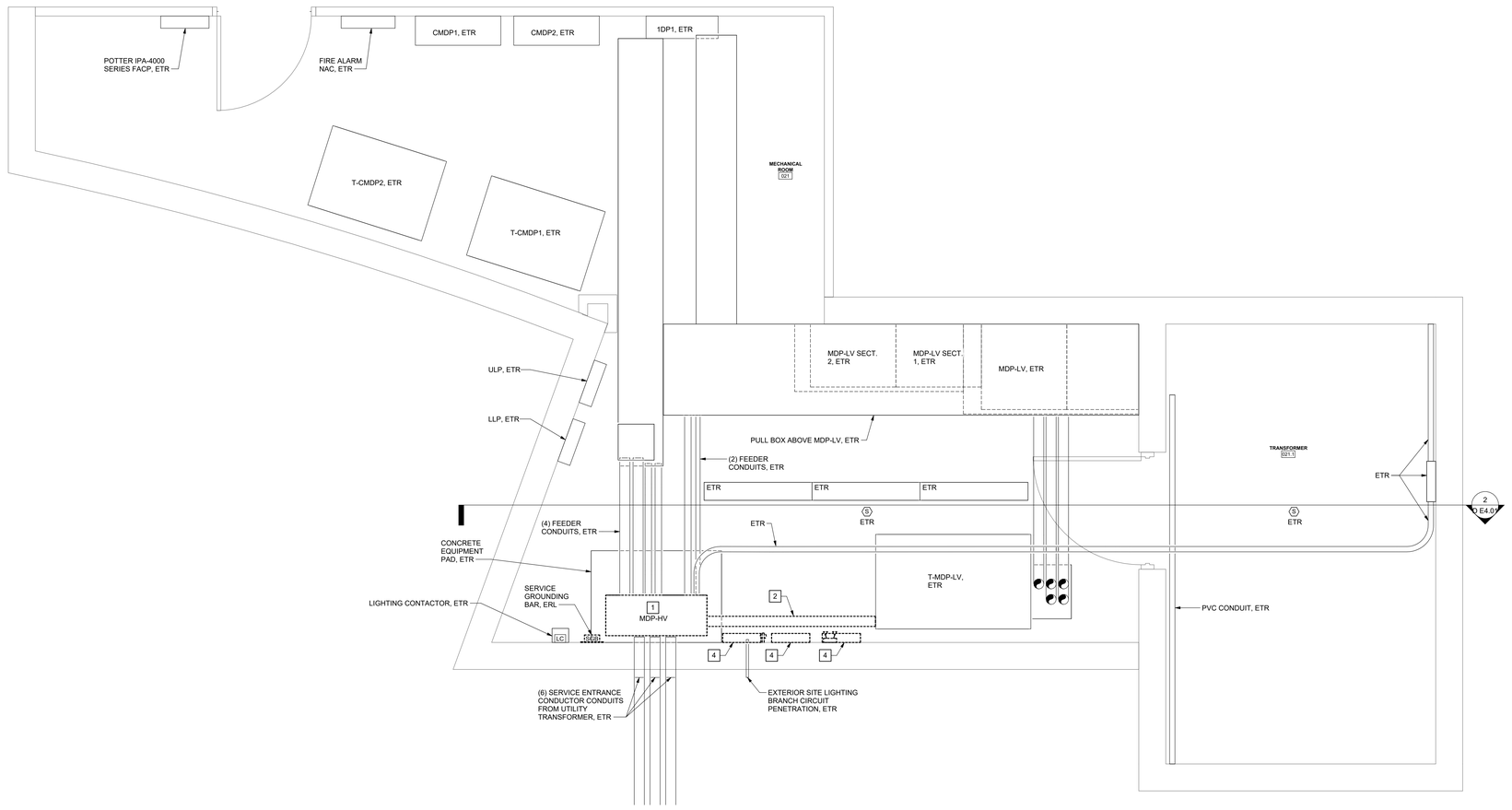
D E1.12

REMOVAL NOTES:

1. DISCONNECT AND REMOVE MDP-HV. RETAIN FEEDER FROM UTILITY TRANSFORMER AND LOAD FEEDERS FOR EXTENSION TO REPLACEMENT EQUIPMENT.
2. DISCONNECT AND REMOVE FEEDER BETWEEN MDP-HV AND TRANSFORMER MDP-LV.
3. DISCONNECT AND REMOVE PULL BOX ABOVE MDP-HV.
4. DISCONNECT TELEPHONE CABINETS. RETAIN EQUIPMENT AND CABLING FOR REINSTALLATION.



2 SERVICE ENTRANCE EQUIPMENT DEMOLITION ELEVATION
1/2" = 1'-0"



1 ENLARGED PLAN - ELECTRIC ROOM - ELECTRICAL DEMOLITION
1/2" = 1'-0"

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
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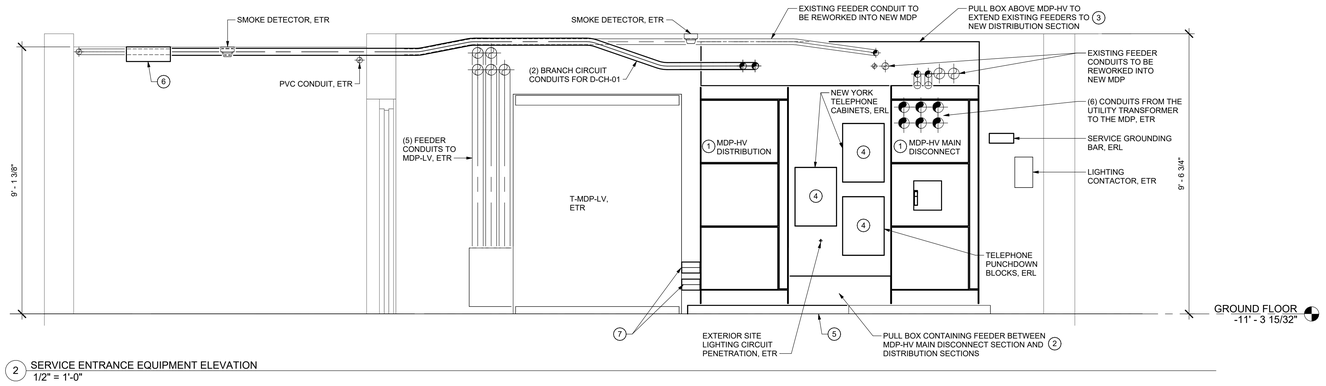
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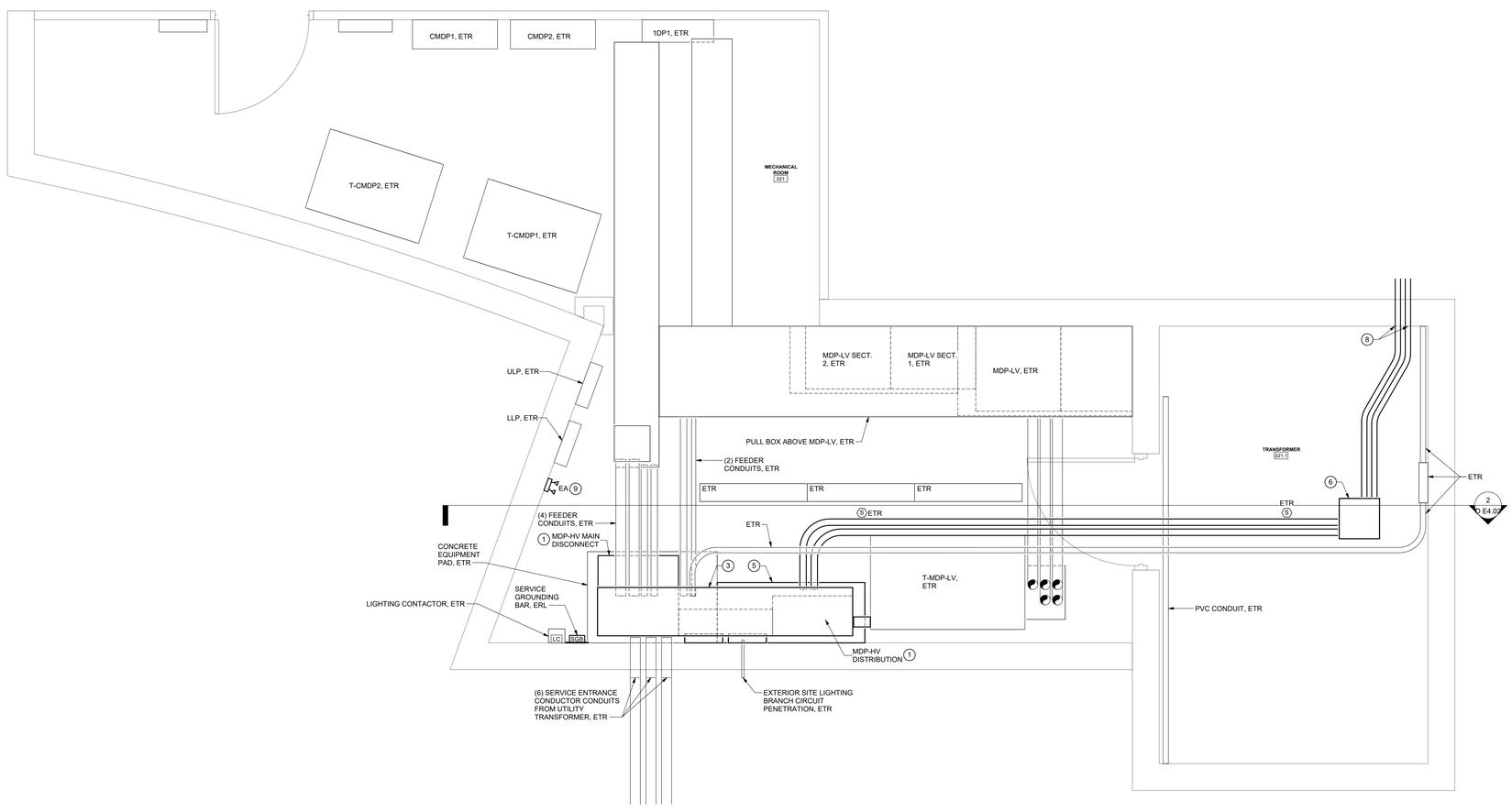
DRAWING TITLE:

ENLARGED PLANS - ELECTRIC ROOM - ELECTRICAL DEMOLITION

D E4.01



2 SERVICE ENTRANCE EQUIPMENT ELEVATION
1/2" = 1'-0"



1 ENLARGED PLAN - ELECTRIC ROOM - ELECTRICAL
1/2" = 1'-0"

REMOVAL NOTES:

1. PROVIDE NEW MDP-HV. REFER TO THE ONE-LINE RISER DIAGRAM ON SHEET D E5.02 FOR ADDITIONAL INFORMATION.
2. PROVIDE NEW FEEDER ROUTED IN WIREWAY BETWEEN MDP-HV AND TRANSFORMER T-MDP-LV. REFER TO THE ONE-LINE RISER DIAGRAM ON SHEET D E5.02 FOR ADDITIONAL INFORMATION.
3. PROVIDE PULL BOX TO EXTEND EXISTING FEEDERS TO NEW MDP-HV DISTRIBUTION SECTION.
4. REINSTALL TELEPHONE CABINETS AND CONNECT TO EXISTING CABLING.
5. EXTEND THE EXISTING HOUSEKEEPING PAD TO NEW MDP-HV DISTRIBUTION SECTION.
6. PROVIDE PULL BOX INSTALLED TO DECK FOR D-CH-01 BRANCH CIRCUITING.
7. PROVIDE FEEDER FROM MDP-HV TO T-MDP-LV AS NOTED ON THE ONE-LINE RISER DIAGRAM ON SHEET D E5.02.
8. CONDUITS FOR D-CH-01 BRANCH CIRCUITING TO PENETRATE INTO CORRIDOR ABVOE CEILING AND INTO NEW SOFFIT. REFER TO SHEET D E1.01.
9. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT TYPE EA LUMINAIRE TO THE LINE SIDE OF THE LOCAL LIGHTING BRANCH CIRCUIT.

king + king ARCHITECTS

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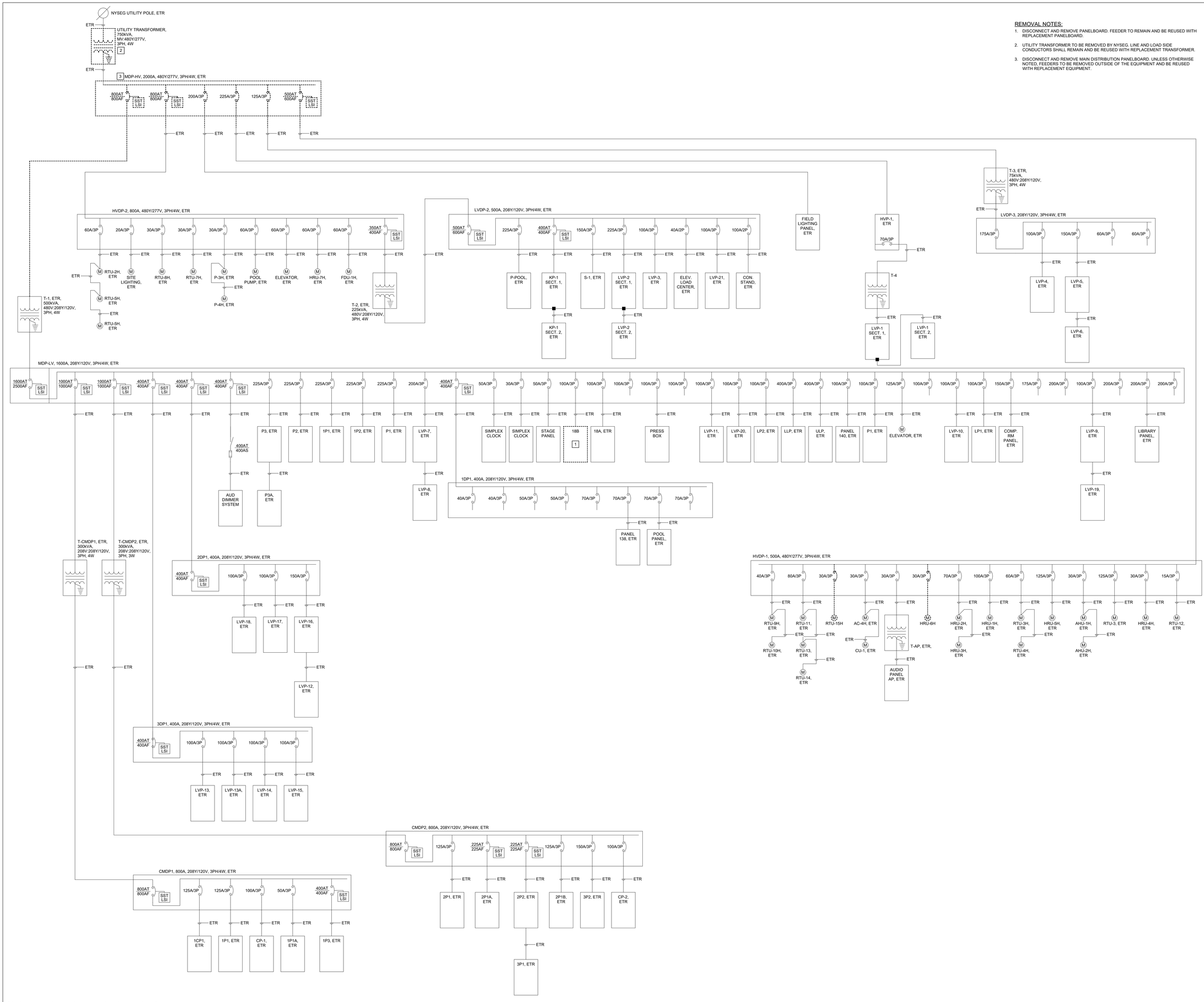
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DRAWING TITLE:

ENLARGED PLANS - ELECTRIC ROOM - ELECTRICAL

D E4.02



1 ONE-LINE RISER DIAGRAM - ELECTRICAL DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE PANELBOARD. FEEDER TO REMAIN AND BE REUSED WITH REPLACEMENT PANELBOARD.
2. UTILITY TRANSFORMER TO BE REMOVED BY NYSEG. LINE AND LOAD SIDE CONDUCTORS SHALL REMAIN AND BE REUSED WITH REPLACEMENT TRANSFORMER.
3. DISCONNECT AND REMOVE MAIN DISTRIBUTION PANELBOARD. UNLESS OTHERWISE NOTED, FEEDERS TO BE REMOVED OUTSIDE OF THE EQUIPMENT AND BE REUSED WITH REPLACEMENT EQUIPMENT.

king+king ARCHITECTS

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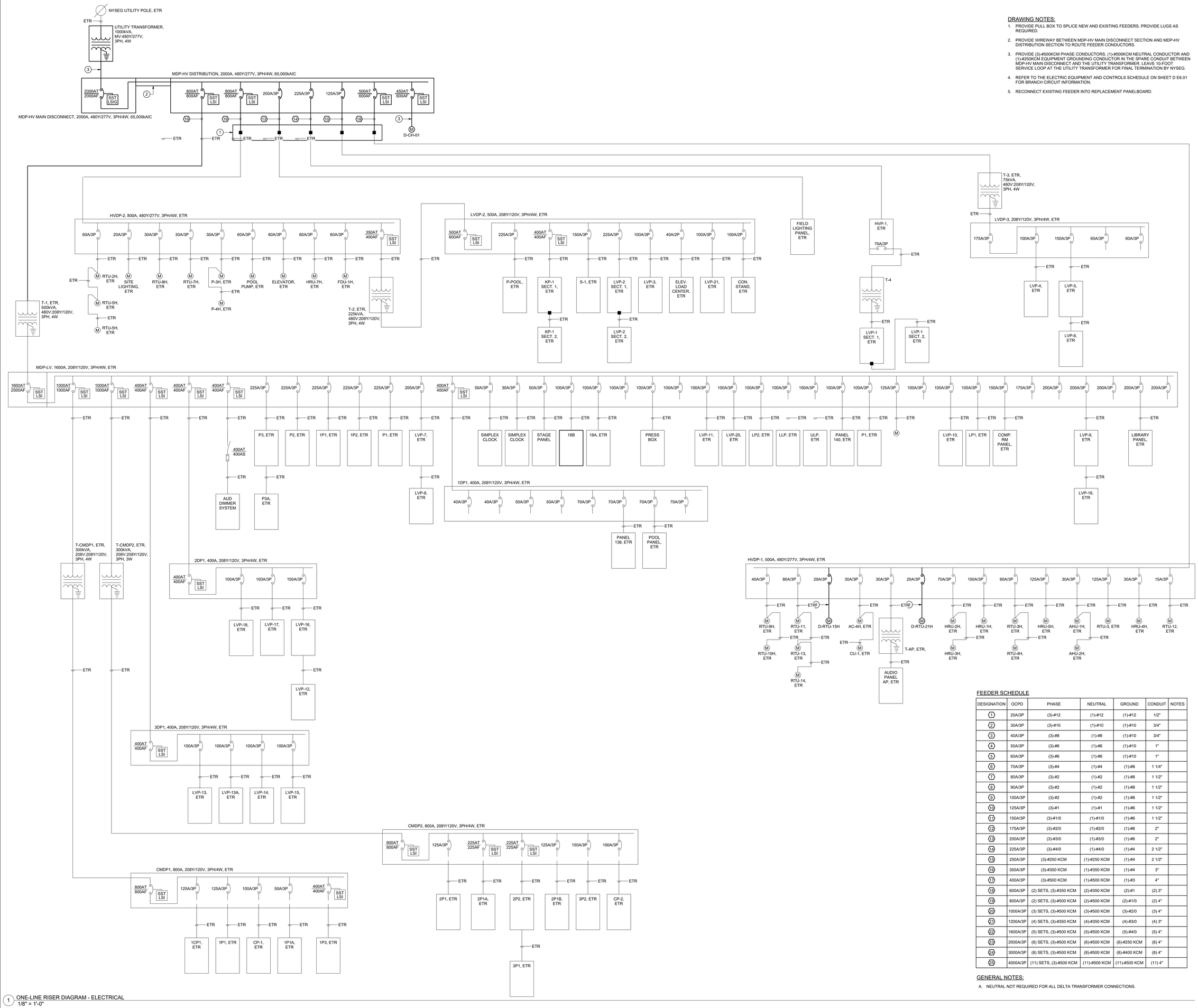
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

ONE-LINE RISER DIAGRAM - ELECTRICAL DEMOLITION

D E5.01



1 ONE-LINE RISER DIAGRAM - ELECTRICAL
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE PULL BOX TO SPLICE NEW AND EXISTING FEEDERS. PROVIDE LUGS AS REQUIRED.
2. PROVIDE WIREWAY BETWEEN MDP-HV MAIN DISCONNECT SECTION AND MDP-HV DISTRIBUTION SECTION TO ROUTE FEEDER CONDUCTORS.
3. PROVIDE (3)-#500KCM PHASE CONDUCTORS, (1)-#500KCM NEUTRAL CONDUCTOR AND (1)-#250KCM EQUIPMENT GROUNDING CONDUCTOR IN THE SPARE CONDUIT BETWEEN MDP-HV MAIN DISCONNECT AND THE UTILITY TRANSFORMER. LEAVE 10-FOOT SERVICE LOOP AT THE UTILITY TRANSFORMER FOR FINAL TERMINATION BY NYSEG.
4. REFER TO THE ELECTRIC EQUIPMENT AND CONTROLS SCHEDULE ON SHEET D E6.01 FOR BRANCH CIRCUIT INFORMATION.
5. RECONNECT EXISTING FEEDER INTO REPLACEMENT PANELBOARD.

FEEDER SCHEDULE

DESIGNATION	OCPD	PHASE	NEUTRAL	GROUND	CONDUIT	NOTES
1	20A/3P	(3)-#12	(1)-#12	(1)-#12	1/2"	
2	30A/3P	(3)-#10	(1)-#10	(1)-#10	3/4"	
3	40A/3P	(3)-#8	(1)-#8	(1)-#10	3/4"	
4	50A/3P	(3)-#6	(1)-#6	(1)-#10	1"	
5	60A/3P	(3)-#6	(1)-#6	(1)-#10	1"	
6	70A/3P	(3)-#4	(1)-#4	(1)-#8	1 1/4"	
7	80A/3P	(3)-#2	(1)-#2	(1)-#8	1 1/2"	
8	90A/3P	(3)-#2	(1)-#2	(1)-#8	1 1/2"	
9	100A/3P	(3)-#2	(1)-#2	(1)-#8	1 1/2"	
10	125A/3P	(3)-#1	(1)-#1	(1)-#6	1 1/2"	
11	150A/3P	(3)-#1/0	(1)-#1/0	(1)-#6	1 1/2"	
12	175A/3P	(3)-#2/0	(1)-#2/0	(1)-#6	2"	
13	200A/3P	(3)-#3/0	(1)-#3/0	(1)-#6	2"	
14	225A/3P	(3)-#4/0	(1)-#4/0	(1)-#4	2 1/2"	
15	250A/3P	(3)-#250 KCM	(1)-#250 KCM	(1)-#4	2 1/2"	
16	300A/3P	(3)-#350 KCM	(1)-#350 KCM	(1)-#4	3"	
17	400A/3P	(3)-#500 KCM	(1)-#500 KCM	(1)-#3	4"	
18	600A/3P	(2) SETS, (3)-#350 KCM	(2)-#350 KCM	(2)-#1	(2) 3"	
19	800A/3P	(2) SETS, (3)-#500 KCM	(2)-#500 KCM	(2)-#1/0	(2) 4"	
20	1000A/3P	(3) SETS, (3)-#500 KCM	(3)-#500 KCM	(3)-#2/0	(3) 4"	
21	1200A/3P	(4) SETS, (3)-#350 KCM	(4)-#350 KCM	(4)-#3/0	(4) 3"	
22	1600A/3P	(5) SETS, (3)-#500 KCM	(5)-#500 KCM	(5)-#4/0	(5) 4"	
23	2000A/3P	(6) SETS, (3)-#500 KCM	(6)-#500 KCM	(6)-#250 KCM	(6) 4"	
24	3000A/3P	(8) SETS, (3)-#500 KCM	(8)-#500 KCM	(8)-#400 KCM	(8) 4"	
25	4000A/3P	(11) SETS, (3)-#500 KCM	(11)-#500 KCM	(11)-#500 KCM	(11) 4"	

GENERAL NOTES:

A. NEUTRAL NOT REQUIRED FOR ALL DELTA TRANSFORMER CONNECTIONS.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

IBC Engineering, P.C.
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STATE OF NEW YORK
JOHN C. HELBERG
EXP. 06/30/2026
080515
LICENSED PROFESSIONAL ENGINEER

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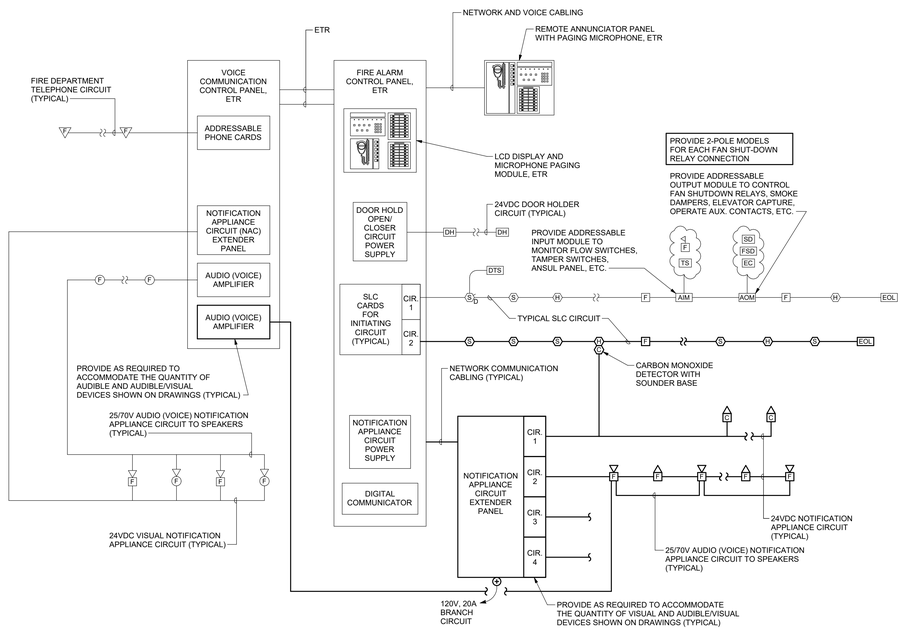
DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

ONE-LINE RISER DIAGRAM - ELECTRICAL

D E5.02



NOTES:

A. WIRING INDICATED ON THE RISER DIAGRAM IS DIAGRAMMATIC ONLY. IT IS NOT INTENDED TO INDICATE ROUTING OR QUANTITIES OF WIRES REQUIRED. PROVIDE WIRING FOR A COMPLETE SYSTEM AS REQUIRED BY SYSTEM MANUFACTURER.

B. ALL DEVICES ARE NOT INDICATED ON THE RISER DIAGRAM. REFER TO FLOOR PLANS FOR QUANTITIES AND LOCATIONS OF DEVICES.

C. REFER TO ELECTRICAL EQUIPMENT AND CONTROL SCHEDULE FOR FANS THAT REQUIRE ADDRESSABLE OUTPUT MODULES AND FAN SHUTDOWN INTERLOCKS.

D. REFER TO FLOOR PLANS FOR EQUIPMENT LOCATIONS.

E. PROVIDE ADDRESSABLE INPUT MODULES FOR ALL SPRINKLER TAMPER AND FLOW SWITCHES.

F. PROVIDE ADDRESSABLE OUTPUT MODULES FOR ALL FAN CONTROLS, ELEVATOR CONTROL AND/OR RECALL, ETC.

G. CLASS B, STYLE Y SIGNALING LINE CIRCUITS. CLASS B, STYLE B INITIATING CIRCUITS.

H. ALL CABLE TERMINATIONS SHALL TAKE PLACE AT DEVICE SCREW TERMINALS OR SCREW TYPE TERMINAL BLOCKS. ALL CABLE TERMINATIONS SHALL USE NYLON INSULATED, LOCKING FORK, SOLDERLESS COMPRESSION TERMINAL.

I. ALL FIRE ALARM SYSTEM JUNCTION BOXES IN MECHANICAL/ELECTRICAL ROOMS, ABOVE CEILINGS, IN UNFINISHED AREAS OR STORAGE ROOMS, SHALL BE PAINTED RED AND STENCIL LETTERED INDICATING "FIRE ALARM SYSTEM."

J. PROVIDE 120-VOLT, 20-AMP BRANCH CIRCUIT CONNECTION (2-#12, 1-#12EG IN 1/2"C) TO EACH FIRE ALARM CONTROL PANEL, VOICE COMMUNICATION CONTROL PANELS, AND NOTIFICATION APPLIANCE CIRCUIT (NAC) EXTENDER PANEL FROM NEAREST BRANCH PANELBOARD.

1 FIRE ALARM SYSTEM WITH VOICE EVACUATION RISER DIAGRAM
NTS

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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SENIOR HIGH SCHOOL

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DRAWING DATE: **01/08/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

RISERS - ELECTRICAL

D E5.03

LUMINAIRE SCHEDULE

TYPE	DESCRIPTION	DRIVER	LOAD/DELIVERED LUMENS/CCT	VOLTAGE	DESIGN MAKE	ACCEPTABLE MANUFACTURER
EA	WALL MOUNTED, 2-LAMP LED EMERGENCY BATTERY PACK LUMINAIRE WITH SELF-DIAGNOSTICS AND SEALED NICKEL CADMIUM BATTERY. SUITABLE FOR 50-FOOT SPACING.	LED DRIVER	1 WATT	120V	SURE-LITES - SEL50 SERIES	EMERGENSEE, EXITRONIX, LITHONIA
PA	8' LONG DIRECT/INDIRECT PENDANT MOUNTED LED LUMINAIRE, 4" x 5" PROFILE, SINGLE PIECE EXTRUDED ALUMINUM HOUSING, 20-GAUGE COLD ROLLED STEEL LED TRAY, DIE-CAST ALUMINUM END CAPS, CUSTOM FINISH BY ARCHITECT. PROVIDE WITH 48" AIRCRAFT CABLE SUSPENSION	0-10 V DIMMABLE LED 1%-100%	PER FOOT: 500 LUMENS UPLIGHT, 500 LUMENS DOWNLIGHT, 7.3 WATTS, 3500K	120V	CORELITE - VAULTA SERIES	APPROVED EQUIVALENT
PB	30" DIAMETER MULTI-TIERED DRUM STYLE PENDANT LUMINAIRE, 24" OVERALL HEIGHT, ALUMINUM HOUSING, COLD ROLLED STEEL COVER, MATTE WHITE ACRYLIC BOTTOM DIFFUSER, FABRIC OUTER SHADE, SINGLE STEM MOUNTING. CUSTOM FINISH SELECTIONS AND FABRIC COLOR SELECTIONS BY ARCHITECT	0-10 V DIMMABLE LED 1%-100%	47 WATTS, 4038 LUMENS, 3500K	120V	SHAPER LIGHTING - 143-P SERIES	APPROVED EQUIVALENT
RA	2'x2' RECESSED SPECIFICATION GRADE ARCHITECTURAL TROFFER WITH ONE PIECE 24 GA. STEEL REFLECTOR AND HOUSING, CENTER DIFFUSER, OPAL ACRYLIC LENS, MAXIMUM 4" DEPTH, WHITE POLYESTER POWDER COAT FINISH	0-10 V DIMMABLE LED 1%-100%	3500 LUMENS, 31 WATTS, 3500K	120V	METALUX - RLN SERIES	AXIS DIA SERIES, FINELITE HPR SERIES, DAY-O-LITE HARMONY SERIES, ZUMTOBEL MELLOW LIGHT SERIES
RB	2'x2' RECESSED SPECIFICATION GRADE ARCHITECTURAL FLAT PANEL LED LUMINAIRE WITH 2" THICK PROFILE, ALUMINUM BEZEL WITH STEEL BACK PLATE, INTEGRAL GRID-LOCKING CLIPS, SCRATCH-RESISTANT WHITE FROSTED ACRYLIC LENS	0-10 V DIMMABLE LED 1%-100%	3417 LUMENS, 29 WATTS, 3500K	120V	METALUX - FP SERIES	COLUMBIA, LITHONIA, DAY BRITE
RC	2'x2' RECESSED SPECIFICATION GRADE ARCHITECTURAL TROFFER WITH ONE PIECE 24 GA. STEEL REFLECTOR AND HOUSING, CENTER DIFFUSER, OPAL ACRYLIC LENS, MAXIMUM 4" DEPTH, WHITE POLYESTER POWDER COAT FINISH	0-10 V DIMMABLE LED 1%-100%	4500 LUMENS, 40 WATTS, 3500K	120V	METALUX - RLN SERIES	AXIS DIA SERIES, FINELITE HPR SERIES, DAY-O-LITE HARMONY SERIES, ZUMTOBEL MELLOW LIGHT SERIES
RD	4" APERTURE RECESSED LED DOWNLIGHT, 70-DEGREE BEAM DISTRIBUTION, SEMI-SPECULAR CLEAR REFLECTOR WITH WHITE PAINTED SELF-FLANGED TRIM, LENSED UPPER OPTICAL CHAMBER, IC RATED	0-10 V DIMMABLE LED 1%-100%	7.7 WATTS, 800 LUMENS, 3500K	120V	PORTFOLIO LIGHTING - LD4D SERIES	GOTHAM, PRESCOLITE, LIGHTOLIER
RE	24" LONG T-BAR LED LUMINAIRE SUITABLE FOR INSTALLATION IN A 15/15" CEILING GRID SYSTEM, EXTRUDED ALUMINUM BODY, STEEL MOUNTING CLIPS, HIGH TRANSMITTING ACRYLIC PMMA DIFFUSING LENS, WHITE FINISH	PER FOOT: 8 WATTS, 584 LUMENS, 3500K	REMOTE 120V:24V LED DRIVER SUITABLE FOR 0-10V DIMMING (1% - 100%)	24V	JLC LIGHTING - T-BAR SERIES	APPROVED EQUIVALENT
RF	48" LONG T-BAR LED LUMINAIRE SUITABLE FOR INSTALLATION IN A 15/15" CEILING GRID SYSTEM, EXTRUDED ALUMINUM BODY, STEEL MOUNTING CLIPS, HIGH TRANSMITTING ACRYLIC PMMA DIFFUSING LENS, WHITE FINISH	PER FOOT: 8 WATTS, 584 LUMENS, 3500K	REMOTE 120V:24V LED DRIVER SUITABLE FOR 0-10V DIMMING (1% - 100%)	24V	JLC LIGHTING - T-BAR SERIES	APPROVED EQUIVALENT
RG	4" APERTURE RECESSED LED DOWNLIGHT, 70-DEGREE BEAM DISTRIBUTION, SEMI-SPECULAR CLEAR REFLECTOR WITH WHITE PAINTED SELF-FLANGED TRIM, LENSED UPPER OPTICAL CHAMBER, IC RATED, INTEGRAL 7 WATT EMERGENCY MODULE WITH REMOTE TEST SWITCH	0-10 V DIMMABLE LED 1%-100%	7.7 WATTS, 800 LUMENS, 3500K	120V	PORTFOLIO LIGHTING - LD4D SERIES	GOTHAM, PRESCOLITE, LIGHTOLIER
RH	LED TAPELIGHT WITH RECESSED ALUMINUM EXTRUSION, SILVER ANODIZED FINISH, FROSTED LENS WITH UNIFORM LED APPEARANCE, EXTRUSION DIMENSIONS - 1" WIDE x 0.28" DEPTH	REMOTE 120V:24V 0-10V DIMMABLE DRIVER	PER FOOT: 4.6 WATTS, 350 LUMENS, 3500K	24V	LLI LIGHTING - THIN FLANGED EXTRUSION WITH CB4.6W TAPELIGHT	APPROVED EQUIVALENT
RI	2'x2' RECESSED SPECIFICATION GRADE ARCHITECTURAL TROFFER WITH ONE PIECE 24 GA. STEEL REFLECTOR AND HOUSING, CENTER DIFFUSER, OPAL ACRYLIC LENS, MAXIMUM 4" DEPTH, WHITE POLYESTER POWDER COAT FINISH	0-10 V DIMMABLE LED 1%-100%	4000 LUMENS, 38 WATTS, 3500K	120V	METALUX - RLN SERIES	AXIS DIA SERIES, FINELITE HPR SERIES, DAY-O-LITE HARMONY SERIES, ZUMTOBEL MELLOW LIGHT SERIES
RJ	2'x2' RECESSED SPECIFICATION GRADE ARCHITECTURAL TROFFER WITH ONE PIECE 24 GA. STEEL REFLECTOR AND HOUSING, CENTER DIFFUSER, OPAL ACRYLIC LENS, MAXIMUM 4" DEPTH, WHITE POLYESTER POWDER COAT FINISH	0-10 V DIMMABLE LED 1%-100%	3100 LUMENS, 27 WATTS, 3500K	120V	METALUX - RLN SERIES	AXIS DIA SERIES, FINELITE HPR SERIES, DAY-O-LITE HARMONY SERIES, ZUMTOBEL MELLOW LIGHT SERIES
RK	2'x2' RECESSED SPECIFICATION GRADE ARCHITECTURAL TROFFER WITH ONE PIECE 24 GA. STEEL REFLECTOR AND HOUSING, CENTER DIFFUSER, OPAL ACRYLIC LENS, MAXIMUM 4" DEPTH, WHITE POLYESTER POWDER COAT FINISH	0-10 V DIMMABLE LED 1%-100%	2500 LUMENS, 21 WATTS, 3500K	120V	METALUX - RLN SERIES	AXIS DIA SERIES, FINELITE HPR SERIES, DAY-O-LITE HARMONY SERIES, ZUMTOBEL MELLOW LIGHT SERIES
RY	2'x2' RECESSED SPECIFICATION GRADE ARCHITECTURAL FLAT PANEL LED LUMINAIRE WITH 2" THICK PROFILE, ALUMINUM BEZEL WITH STEEL BACK PLATE, INTEGRAL GRID-LOCKING CLIPS, SCRATCH-RESISTANT WHITE FROSTED ACRYLIC LENS	0-10 V DIMMABLE LED 1%-100%	4330 LUMENS, 38 WATTS, 3500K	120V	METALUX - FP SERIES	COLUMBIA, LITHONIA, DAY BRITE
RZ	4" APERTURE RECESSED LED WALL-WASH DOWNLIGHT, ALUMINUM HOUSING AND REFLECTOR, CLEAR POLYCARBONATE OPTIC, ASYMMETRIC WALL WASH DISTRIBUTION, STANDARD BEZEL, TRIM AND BEZEL FINISH BY ARCHITECT.	DMX 512/RDM	249 LUMENS, 20 WATTS, RGBW	120V	LUMENPULSE - LUMENCORE RECESSED SERIES	APPROVED EQUIVALENT
SA	5" WIDE x 4" DEEP x 4' LONG SURFACE MOUNTED LED LUMINAIRE, DIE-FORMED COLD ROLLED STEEL CONSTRUCTION, INJECTION MOLDED END PLATES, FULL FROSTED WIDE DISTRIBUTION LENS, HIGH REFLECTIVE POST PAINTED WHITE FINISH	LED DRIVER	38 WATTS, 4015 LUMENS, 3500K	120V	METALUX - SWLED SERIES	COLUMBIA, LITHONIA, DAY BRITE
XA	SINGLE FACE LED EXIT SIGN, RED LED COLOR, WHITE BRUSHED ALUMINUM HOUSING, INTEGRAL TEST SWITCH AND POWER INDICATOR LIGHT, SEALED NICKEL CADMIUM BATTERY BACKUP.	LED DRIVER	2 WATTS	120V	SURE-LITES - CX SERIES	EMERGENSEE, EXITRONIX, LITHONIA
XB	DUAL FACE LED EXIT SIGN, RED LED COLOR, WHITE BRUSHED ALUMINUM HOUSING, INTEGRAL TEST SWITCH AND POWER INDICATOR LIGHT, SEALED NICKEL CADMIUM BATTERY BACKUP.	LED DRIVER	2 WATTS	120V	SURE-LITES - CX SERIES	EMERGENSEE, EXITRONIX, LITHONIA

GENERAL NOTES:

A. APPROVED EQUALS MUST BE SUBMITTED TO THE ARCHITECT/ENGINEER IN ACCORDANCE WITH SECTION 012599 - SUBSTITUTION PROCEDURES. PROPOSED SUBSTITUTIONS THAT DO NOT FOLLOW THIS PROCEDURE WILL NOT BE CONSIDERED.

B. STEEL HOUSING CONSTRUCTION FOR EACH INTERIOR LUMINAIRE SPECIFIED SHALL BE OF ONE-PIECE CODE GAUGE COLD ROLLED STEEL.

C. ALUMINUM HOUSING CONSTRUCTION FOR EACH INTERIOR LUMINAIRE SPECIFIED SHALL BE OF ONE-PIECE EXTRUDED ALUMINUM.

D. OPTIONAL "PAINT AFTER FABRICATION" FOR HOUSING/REFLECTOR FINISHES SHALL BE PROVIDED FOR EACH LUMINAIRE SPECIFIED.

E. CONTRACTOR SHALL VERIFY CEILING CONSTRUCTION TYPES & REQUIRED LUMINAIRE TRIM INSTALLATION KITS. REFERENCE ARCHITECTURAL REFLECTED CEILING PLANS.

ELECTRICAL EQUIPMENT AND CONTROL SCHEDULE

ITEM NO.	ITEM NAME	LOCATION	MOTOR HP	LOAD	VOLTAGE	# OF POLES	SOURCE	CIRCUIT NUMBER	CIRCUIT BREAKER	WIRING FROM SOURCE TO CONTROL UNIT	WIRING FROM CONTROL UNIT TO EQUIPMENT	DISCONNECT SWITCH	FUSE SIZE	MOTOR STARTER/ CONTROLLER NOTES	CONTROLLER LOCATION	NEMA RATING	NOTES
1	D-UV-012	HEALTH 012	---	1.06 kVA	120 V	1	1P2	24	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
2	D-UV-024	MECHANICAL 024	---	1.06 kVA	120 V	1	1P1A	12	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10, 14	---	1	
3	D-UV-030	RESOURCE ROOM 030	---	1.06 kVA	120 V	1	1P1A	11	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
4	D-UV-032	FACULTY 032	---	1.06 kVA	120 V	1	1P2	25	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
5	D-UV-038	LANGUAGE OFFICE 038	---	1.06 kVA	120 V	1	1P2	26	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
6	D-UV-038	LANGUAGE OFFICE 038	---	1.06 kVA	120 V	1	1P2	28	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
7	D-UV-040	LANGUAGE LAB 040	---	1.06 kVA	120 V	1	1P2	30	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
8	D-UV-042	LANGUAGE 042	---	1.06 kVA	120 V	1	1P2	25	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
9	D-UV-044	LANGUAGE 044	---	1.06 kVA	120 V	1	1P2	27	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
10	D-UV-045	MECHANICAL RM 047.1	---	1.06 kVA	120 V	1	LVP-4	8	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
11	D-UV-046	LANGUAGE 046	---	1.06 kVA	120 V	1	1P2	29	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
12	D-UV-048	SOCIAL STUDIES 048	---	1.06 kVA	120 V	1	LP1	27	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
13	D-UV-053	MECHANICAL RM 047.1	---	1.06 kVA	120 V	1	LVP-4	6	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
14	D-UV-120	COMPUTER LAB 120	---	1.06 kVA	120 V	1	CAFE PANEL	28	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
15	D-UV-127.1	LIBRARY CONF. ROOM 127.1	---	1.06 kVA	120 V	1	CAFE PANEL	20	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
16	D-UV-129	COMPUTER LAB 129	---	1.34 kVA	120 V	1	LVP-11	25	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
17	D-UV-128	A.I.S. 128	---	1.15 kVA	120 V	1	LVP-11	38	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
18	D-UV-130	ENGLISH 130	---	1.15 kVA	120 V	1	LVP-11	27	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
19	D-UV-132	ENGLISH 132	---	1.15 kVA	120 V	1	LVP-11	40	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
20	D-UV-133	SPEC. ED. 8:1:1 133	---	1.15 kVA	120 V	1	LVP-11	41	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
21	D-UV-134	ENGLISH 134	---	1.15 kVA	120 V	1	LVP-11	29	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
22	D-UV-135	RESOURCE 135	---	1.15 kVA	120 V	1	LVP-5	25	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
23	D-UV-136	ENGLISH 136	---	1.15 kVA	120 V	1	2P2	31	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
24	D-UV-137	SOCIAL STUDIES 137	---	1.15 kVA	120 V	1	LVP-5	26	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
25	D-UV-138	ENGLISH 138	---	1.15 kVA	120 V	1	2P2	30	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
26	D-UV-139	SOCIAL STUDIES 139	---	1.15 kVA	120 V	1	LVP-5	21	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
27	D-UV-140	RESOURCE 140	---	1.06 kVA	120 V	1	2P2	33	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
28	D-UV-142	SPEC. ED. 15:1 142	---	1.06 kVA	120 V	1	2P2	35	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
29	D-UV-143	SOCIAL STUDIES 143	---	1.06 kVA	120 V	1	2P2	32	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
30	D-UV-144	ENGLISH 144	---	1.06 kVA	120 V	1	2P2	37	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
31	D-UV-145	SPEC. ED. 12:1:1 145	---	1.06 kVA	120 V	1	2P2	34	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
32	D-UV-147	COMPUTER LAB 147	---	1.06 kVA	120 V	1	2P2	36	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
33	D-UV-148	ENGLISH 148	---	1.15 kVA	120 V	1	LVP-5	19	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
34	D-UV-149	STORAGE 149	---	1.06 kVA	120 V	1	2P2	38	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
35	D-UV-150	SOCIAL STUDIES 150	---	1.15 kVA	120 V	1	LVP-5	12	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
36	D-UV-151	SOCIAL STUDIES 151	---	1.15 kVA	120 V	1	LVP-5	24	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
37	D-UV-152	SOCIAL STUDIES 152	---	1.15 kVA	120 V	1	LVP-5	16	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
38	D-UV-201	PHYSICS 201	---	1.92 kVA	120 V	1	LVP-13A	16	30 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
39	D-UV-203	CHEMISTRY #1 203	---	1.92 kVA	120 V	1	LVP-13A	18	30 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
40	D-UV-206	BIOLOGY #1 206	---	1.92 kVA	120 V	1	LVP-13A	20	30 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
41	D-UV-207	CHEMISTRY #2 207	---	1.92 kVA	120 V	1	LVP-14	13	20 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
42	D-UV-209	EARTH SCIENCE #1 209	---	1.92 kVA	120 V	1	LVP-6	17	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
43	D-UV-210	BIOLOGY #2 210	---	1.92 kVA	120 V	1	LVP-14	30	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
44	D-UV-213	EARTH SCIENCE #2 213	---	1.54 kVA	120 V	1	P2	11	20 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
45	D-UV-214	BIOLOGY #3 214	---	1.92 kVA	120 V	1	LVP-14	29	30 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10	---	1	
46	D-UV-216	MATH 216	---	1.15 kVA	120 V	1	P2	2	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
47	D-UV-218	MATH 218	---	1.15 kVA	120 V	1	P2	4	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
48	D-UV-224	MATH 224	---	1.34 kVA	120 V	1	LVP-6	15	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
49	D-UV-226	MATH 226	---	1.34 kVA	120 V	1	LVP-6	10	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
50	D-UV-227	MATH 227	---	1.34 kVA	120 V	1	LVP-6	18	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
51	D-UV-228	MATH 228	---	1.34 kVA	120 V	1	LVP-6	13	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10	---	1	
52	D-RTU-15H	ROOF	---	12.57 kVA	480 V	3	HVDP-1	7,9,11	20 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	---	---	10, 14	---	---	
53	D-RTU-21H	ROOF	---	5.05 kVA	480 V	3	HVDP-1	14,16,18	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	10, 14	---	---	
54	D-EF-206	ROOF	1/2	1.18 kVA	120 V	1	LVP-14	41	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	2		1	
55	D-EF-209	ROOF	1/2	1.18 kVA	120 V	1	LVP-15	35	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	2		1	
56	D-EF-210	ROOF	1/2	1.18 kVA	120 V	1	LVP-14	2	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	2		1	
57	D-EF-149	ROOF	1/4	0.70 kVA	120 V	1	LVP-15	39	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	2		1	
58	D-EF-214	ROOF	1/2	1.18 kVA	120 V	1	LVP-15	37	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	2		1	
59	D-EF-125	ROOF	1/6	0.53 kVA	120 V	1	LVP-9	36	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	2		1	
60	D-CH-01	ROOF	---	0.50 kVA	480 V	3	MDP-HV DISTRIBUTION	1	450 A	(2) SETS OF (3)-#4/0, (1)-#4EG IN 2 1/2"C	(2) SETS OF (3)-#4/0, (1) #4EG IN 2 1/2"C	---	---	10	---	---	
61	D-CU-102A	ROOF	---	2.83 kVA	208 V	2	KP-1 SECT. 2	41,43	20 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	30A	NF	10	AU	3R	
62	D-CU-102B	ROOF	---	2.83 kVA	208 V	2	KP-1 SECT. 2	45,47	20 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	30A	NF	10	AU	3R	
63	D-CU-102C	ROOF	---	2.83 kVA	208 V	2	KP-1 SECT. 2	46,48	20 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	30A	NF	10	AU	3R	
64	D-DF-024	BOILER ROOM 024.1	1	1.92 kVA	120 V	1	LVP-1 SECT. 1	2	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	2	AU	1	
65	D-CWP-01	BOILER ROOM 024.1	20	22.45 kVA	480 V	3	HVP-1	19,21,23	40 A	(3)-#8, (1)-#10EG IN 3/4"C	(3)-#8, (1)-#10EG IN 3/4"C	---	---	6	AU	1	
66	D-CWP-02	BOILER ROOM 024.1	20	22.45 kVA	480 V	3	HVP-1	19,21,23	40 A	(3)-#8, (1)-#10EG IN 3/4"C	(3)-#8, (1)-#10EG IN 3/4"C	---	---	6	AU	1	
67	D-CWP-03	BOILER ROOM 024.1	15	17.46 kVA	480 V	3	HVP-1	20,22,24	30 A	(3)-#10, (1)-#10EG IN 3/4"C	(3)-#10, (1)-#10EG IN 3/4"C	---	---	6	AU	1	
68	D-CWP-04	BOILER ROOM 024.1	15	17.46 kVA	480 V	3	HVP-1	20,22,24	30 A	(3)-#10, (1)-#10EG IN 3/4"C	(3)-#10, (1)-#10EG IN 3/4"C	---	---	6	AU	1	
69	D-EVAP-102A	KITCHEN 102	---	0.20 kVA	208 V	2	KP-1 SECT. 2	41,43	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
70	D-EVAP-102B	KITCHEN 102	---	0.20 kVA	208 V	2	KP-1 SECT. 2	45,47	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
71	D-EVAP-102C	DISHWASHING AREA 102.4	---	0.20 kVA	208 V	2	KP-1 SECT. 2	46,48	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
72	D-AHU-01	CORRIDOR C3000	5	6.32 kVA	480 V	3	HVP-1	26,28,30	20 A	(3)-#12, (1)-#12EG IN 3/4"C	(3)-#12, (1)-#12EG IN 3/4"C	30A	NF	6, 14	STORAGE 213.2	1	
73	D-FCU-114	CREDIT UNION 114	---	0.42 kVA	120 V	1	LVP-19	14	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
74	D-FCU-118	ALS 118	---	0.42 kVA	120 V	1	LVP-19	18	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
75	D-FCU-125	RESOURCE 125	---	0.42 kVA	120 V	1	LVP-9	36	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
76	D-FCU-122	FACULTY ROOM 122	---	0.42 kVA	120 V	1	LVP-11	37	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
77	D-FCU-127.2	LIBRARY OFFICE 127.2	---	0.42 kVA	120 V	1	LVP-11	14	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
78	D-FCU-127.3	PREP ROOM 127.3	---	0.42 kVA	120 V	1	LVP-11	16	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
79	D-FCU-141	ENGLISH OFFICE 141	---	0.42 kVA	120 V	1	LVP-5	6	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
80	D-FCU-146	SOCIAL STUDIES OFFICE 146	---	0.42 kVA	120 V	1	LVP-5	6	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	---	---	1	AU	1	
81	D-FCU-200	FACULTY 200	---	0.42 kVA	120 V	1	LVP-13A	15	20 A	(2)-#12, (1)-#12EG IN 3/4"

Branch Panelboard: LVP-2 SECT. 2

Location: ELEC. 009.2
Supply From: LVDP-2
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	020, 020.1 RECEPT	20 A	1	0.0	0.0		1	20 A	F-4H	2
3	010 RECEPT	20 A	1		0.0	0.0	1	20 A	F-5H	4
5	010.2 RECEPT	20 A	1			0.0	0.0	1	20 A	F-6H & F-7H	6
7	010.2, 010.3 RECEPT	20 A	1	0.0	0.0			1	20 A	SPARE	8
9	EXISTING CIRCUIT	20 A	1		0.0	0.0		1	20 A	SPARE	10
11	PAINT SPRAY BOOTH	20 A	1			0.0	0.0	1	20 A	SPARE	12
13	NIGHT LIGHTS	20 A	1	0.0	0.0		2	20 A	CHAIR LIFT	14
15	SPARE	20 A	1		0.0	0.0				16
17	SPARE	20 A	1			0.0	0.0	1	20 A	SPARE	18
19	SPARE	20 A	1	0.0	0.0					20
21	SPARE	20 A	1		0.0	0.0		1	20 A	SPARE	22
23	SPARE	20 A	1			0.0	0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0	0.0			1	20 A	SPARE	26
27	SPARE	20 A	1		0.0	0.0		1	20 A	SPARE	28
29	SPARE	20 A	1			0.0	--	1	--	SPACE	30
31	SPACE	--	1	--	--			1	--	SPACE	32
33	SPACE	--	1		--	--		1	--	SPACE	34
35	SPACE	--	1			--	--	1	--	SPACE	36
37	SPACE	--	1	--	--			1	--	SPACE	38
39	SPACE	--	1		--	--		1	--	SPACE	40
41	SPACE	--	1			--	--	1	--	SPACE	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0.0 kVA
				Total Est. Demand: 0.0 kVA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-1 SECT. 1

Location: BOILER ROOM 024.1
Supply From: T-LVP-1
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating: 175 A
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	CORRIDOR LIGHTS	20 A	1	0.0	1.9		1	20 A	***D-EF-024***	2
3	NIGHT LIGHTS	20 A	1			0.0	0.0			4
5	BOILER ROOM LIGHTS	20 A	1				0.0	0.0	3	15 A	BOILER BLOW DOWN	6
7	CORRIDOR LIGHTS	20 A	1	0.0	0.0					8
9						0.0	0.0	1	20 A	HWRP-1	10
11	PRESS BOX	100 A	3						2	20 A	FLAG AND BOLLARD LIGHTS	12
13				0.0	0.0							14
15	LIGHTS	20 A	1			0.0	0.0					16
17	LIGHTS	20 A	1					0.0	0.0	2	20 A	GYM FLOOD LIGHTS	18
19	SECURITY SYSTEM	20 A	1	0.0	0.0					20
21	LOBBY LIGHTS	20 A	1			0.0	0.0	1	20 A	FIRE ALARM	22
23	LOBBY LIGHTS	20 A	1				0.0	0.0	1	20 A	FIRE ALARM	24
25	LOBBY LIGHTS	20 A	1	0.0	0.0				1	20 A	EXIT SHAFT	26
27	LOBBY TRACK LIGHTS	20 A	1			0.0	0.0		1	20 A	STAIR LIGHTS	28
29	ENTRANCE LIGHTS	20 A	1					0.0	0.0	1	20 A	LIGHTS	30
31	WATER SOFTENER	20 A	1	0.0	0.0					1	20 A	STAIR LIGHTS, AUD EXITS	32
33	***D-GMU-01***	20 A	1		1.0	0.0				1	20 A	EXISTING CIRCUIT	34
35	MUSCO CONTROL	20 A	1				0.0	0.0	1	20 A	EXISTING CIRCUIT	36
37	BOILER ROOM RECEPT	--	1	--	0.0					1	20 A	EXISTING CIRCUIT	38
39	CU-A	--	1			--	0.0			1	20 A	EXISTING CIRCUIT	40
41	SPARE	20 A	1					0.0	0.0	1	20 A	EXISTING CIRCUIT	42
		Total Load:		1.9 kVA	1.0 kVA	0.0 kVA				
		Total Amps:		17 A	10 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	1000 VA	100.00%	1000 VA	
HVAC	1920 VA	100.00%	1920 VA	**Total Conn. Load:** 2.8 kVA
				Total Est. Demand: 2.8 kVA
				Total Conn. Current: 8 A
				Total Est. Demand Current: 8 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: HVDP-1

Location:
Supply From:
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL3a

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65,000
Mains Type: MLO
Mains Rating: 250 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1				0.0	0.0					2
3	RTU-9H & RTU-10H	40 A	3			0.0	0.0	3	80 A	RTU-11H, RTU-13H & RTU-14H	4
5							0.0	0.0			6
7				4.2	0.0						8
9	***D-RTU-15H***	***20 A***	***3***			4.2	0.0	3	30 A	AC-4H & CU-1	10
11											12
13				0.0	1.7						14
15	T-AP	30 A	3			0.0	1.7		***3***	***20 A***	***D-RTU-21H***	16
17							0.0	1.7			18
19				0.0	0.0						20
21	HRU-2H & ENERGY WHEEL, HRU-3H & ENERGY WHEEL	70 A	3			0.0	0.0	3	100 A	HRU-1H & ENERGY WHEEL	22
23							0.0	0.0			24
25				0.0	0.0						26
27	RTU-3H & RTU-4H	60 A	3			0.0	0.0	3	125 A	RTU-5H & ENERGY WHEEL	28
29							0.0	0.0			30
31				0.0	0.0						32
33	AHU-1H & AHU-2H	30 A	3			0.0	0.0	3	125 A	RTU-3	34
35							0.0	0.0			36
37				0.0	0.0						38
39	HRU-4H & ENERGY WHEEL	30 A	3			0.0	0.0	3	15 A	RTU-12	40
41							0.0	0.0			42
		Total Load:		5.9 kVA	5.9 kVA	5.9 kVA				
		Total Amps:		21 A	21 A	21 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	17625 VA	100.00%	17625 VA	
				Total Conn. Load: 17.6 kVA
				Total Est. Demand: 17.6 kVA
				Total Conn. Current: 21 A
				Total Est. Demand Current: 21 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-3

Location: ELETRICAL ROOM...
Supply From: LVDP-2
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 100 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXTERIOR LIGHTS	20 A	1	0.0	0.0		2	20 A	EXTERIOR LIGHTS	2
3	100 LIGHTS	20 A	1			0.0	0.0			4
5	101 LIGHTS	20 A	1				0.0	0.0	1	20 A	BOILER CONTROL	6
7	ENTRY STAIR LIGHTS	20 A	1	0.0	0.0				1	20 A	MECH RECEPT	8
9	FOOTBALL LIGHTS	20 A	1			0.0	0.0		1	20 A	MECH UNIT HEATER	10
11	GFI BY BASEBALL FIELD	20 A	1					0.0	0.0	1	20 A	COM. CORRIDOR RECEPT	12
13	HOT WATER CIRC PUMP	20 A	1	0.0	0.0					1	20 A	CORRIDOR CUH	14
15	SPEAKERS UPS	30 A	1			0.0	0.0			1	20 A	SCURITY PANEL	16
17	MIDDLE FAN	20 A	1					0.0	0.0	2	20 A	EXTERIOR LIGHTS	18
19	50 FAN	20 A	1	0.0	0.0								20
21	MIDDLE FAN	20 A	1			0.0	0.0			2	20 A	AC-2H	22
23	EXTERIOR CAMERA	20 A	1					0.0	0.0				24
25	NO FAN	20 A	1	0.0	0.0					1	20 A	SPARE	26
27	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	28
29	WATER SOFTENER	20 A	1					0.0	0.0	1	20 A	BOLLARD LIGHTS	30
31				0.0	--					1	--	SPACE	32
33	CU-G	20 A	2			0.0	--			1	--	SPACE	34
35	SPACE	--	1				--	--	1	--	SPACE	36
37	SPACE	--	1	--	--					1	--	SPACE	38
39	SPACE	--	1			--	--			1	--	SPACE	40
41	SPACE	--	1					--	--	1	--	SPACE	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0.0 kVA
				Total Est. Demand: 0.0 kVA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-1 SECT. 2

Location: BOILER ROOM 024.1
Supply From: T-LVP-1
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1				0.0	0.0					2
3	AIR COMPRESSOR	15 A	3			0.0	0.0			4
5							0.0	0.0	1	20 A	STAIR D LIGHTS	6
7	EXISTING CIRCUIT	20 A	1	0.0	0.0				1	20 A	AUD EM LIGHTS	8
9	EXISTING CIRCUIT	20 A	1			0.0	0.0		1	20 A	STAIR EM LIGHTS	10
11	EXISTING CIRCUIT	20 A	1					0.0	0.0	1	20 A	TELEPHONE	12
13	NOVAR BMS PANEL	20 A	1	0.0	0.0					1	20 A	TELEPHONE	14
15	NOVAR BMS PANEL	20 A	1			0.0	0.0			1	20 A	AUDIO SYSTEM	16
17	CONFERENCE RM AC	20 A	2					0.0	0.0	1	20 A	AUDIO SYSTEM	18
19				0.0	0.0					1	20 A	EXISTING CIRCUIT	20
21	LIGHTS	20 A	1			0.0	0.0			1	20 A	TELEPHONE RECEPT	22
23	LIGHTS	20 A	1					0.0	0.0	1	20 A	TELEPHONE RECEPT	24
25	JAN OFFICE LIGHTS	20 A	1	0.0	0.0					1	20 A	EXISTING CIRCUIT	26
27	LAUNDRY LIGHTS	20 A	1			0.0	0.0			1	20 A	EXISTING CIRCUIT	28
29	EXISTING CIRCUIT	20 A	1					0.0	0.0	1	20 A	JAN OFFICE	30
31	ULT	20 A	1	0.0	0.0					1	20 A	ENTRY HEAT	32
33	ROOF FAN	20 A	1			0.0	0.0			1	20 A	CUSTODIAN	34
35	CUSTODIAN	20 A	1					0.0	0.0	1	20 A	SHOP LIGHTS	36
37	NIGHT LIGHTS	20 A	1	0.0	0.0					1	20 A	EXISTING CIRCUIT	38
39	EXTERIOR LIGHTS	20 A	2			0.0	--			1	--	SPACE	40
41								0.0	--	1	--	SPACE	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0.0 kVA
				Total Est. Demand: 0.0 kVA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: HVDP-2

Location: ELETRICAL ROOM...
Supply From:
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL4

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65,000
Mains Type: MLO
Mains Rating: 800 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1				1.5	--					2
3	T-2	350 A	3			3.2	--	3	--	UNUSABLE SPACE	4
5							4.5	--			6
7				--	0.0						8
9	SPACE	--	3			--	0.0	3	60 A	RTU-2H, RTU-5H, RTU-6H	10
11								--	0.0			12
13				0.0	0.0						14
15	SITE LIGHTING	20 A	3			0.0	0.0	3	30 A	RTU-8H	16
17							0.0	0.0			18
19				0.0	0.0						20
21	RTU-7H	30 A	3			0.0	0.0	3	30 A	PUMPS P-3H & P-4H	22
23							0.0	0.0			24
25				0.0	0.0						26
27	WATER FILTRATION PUMP	60 A	3			0.0	0.0	3	60 A	ELEVATOR	28
29							0.0	0.0			30
31				0.0	0.0						32
33	HRU-7H & ENERGY WHEEL	60 A	3			0.0	0.0	3	60 A	FDU-1H	34
35							0.0	0.0			36
37				0.0	--						38
39	SPARE	175 A	3			0.0	--	3	--	SPACE	40
41							0.0	--			42
		Total Load:		1.5 kVA	3.2 kVA	4.5 kVA				
		Total Amps:		5 A	12 A	17 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Receptacle	180 VA	100.00%	180 VA	
HVAC	9086 VA	100.00%	9086 VA	**Total Conn. Load:** 9.2 kVA
				Total Est. Demand: 9.2 kVA
				Total Conn. Current: 11 A
				Total Est. Demand Current: 11 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-4

Location: MECHANICAL RM 047.1
Supply From: LVDP-3
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	047 LIGHTS	20 A	1	0.0	0.0		2	20 A	EXTERIOR LIGHTS	2
3	047, 049 LIGHTS	20 A	1			0.0	0.0			4
5	053 LIGHTS	20 A	1				0.0	1.1	1	20 A	***D-UV-053***	6
7	STAIR LIGHTS	20 A	1	0.0	1.1				1	20 A	***D-UV-047***	8
9	047 RECEPT	20 A	1			0.0	0.0			1	20 A	SPARE	10
11	047 RECEPT	20 A	1					0.0	0.0	1	20 A	SPARE	12
13	047.1 RECEPT	20 A	1	0.0	0.0					1	20 A	SPARE	14
15	TOILET, DRINKING FOUNTAIN RECEPT	20 A	1			0.0	0.0			1	20 A	F-12H	16
17	024 RECEPT	20 A	1					0.0	0.0	1	20 A	024.1 RECEPT	18
19	024 RECEPT	20 A	1	0.0	0.0								20
21	024 RECEPT	20 A	1			0.0	0.0			2	20 A	SPARE	22
23	SPARE	20 A	1					0.0	--	1	--	SPACE	24
25	SPARE	20 A	1	0.0	--					1	--	SPACE	26
27	SPARE	20 A	1			0.0	--			1	--	SPACE	28
29	SPARE	20 A	1					0.0	--	1	--	SPACE	30
31	SPARE	20 A	1	0.0	--					1	--	SPACE	32
33	SPARE	20 A	1			0.0	--			1	--	SPACE	34
35	SPARE	20 A	1					0.0	--	1	--	SPACE	36
37	SPARE	20 A	1	0.0	--					1	--	SPACE	38
39	SPARE	20 A	1		0.0	--				1	--	SPACE	40
41	SPARE	20 A	1				0.0	--		1	--	SPACE	42
		Total Load:		1.1 kVA	0.0 kVA	1.1 kVA				
		Total Amps:		10 A	0 A	10 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	2112 VA	100.00%	2112 VA	
				Total Conn. Load: 2.1 kVA
				Total Est. Demand: 2.1 kVA
				Total Conn. Current: 6 A
				Total Est. Demand Current: 6 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-2 SECT. 1

Location: ELEC. 009.2
Supply From: LVDP-2
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	010 LIGHTS	20 A	1	0.0	0.0				1	20 A	011, 011.1, 011.2	2
3	010 LIGHTS	20 A	1			0.0	0.0		1	20 A	011 POTTERY WHEEL	4
5	010.1, 010.3 LIGHTS	20 A	1				0.0	0.0	1	20 A	011 POTTERY WHEEL	6
7	008 LIGHTS	20 A	1	0.0	0.0				1	20 A	011 RECEPT	8
9	008 LIGHTS	20 A	1			0.0	0.0		1	20 A	011 RECEPT	10
11	008 LIGHTS	20 A	1				0.0	0.0	1	20 A	009 RECEPT	12
13	008 LIGHTS	20 A	1	0.0	0.0				1	20 A	009 LIGHT BOXES	14
15	006 LIGHTS	20 A	1			0.0	0.0		1	20 A	009 LIGHT BOXES	16
17	006 VIDEO LIGHTS	20 A	1				0.0	0.0	1	20 A	099 RECEPT	18
19	006 VIDEO LIGHTS	20 A	1	0.0	0.0				1	20 A	009.3 RECEPT	20
21	006 LIGHTS	20 A	1			0.0	0.0		1	20 A	009.2 CORRIDOR RECEPT	22
23	CORRIDOR LIGHTS	20 A	1					0.0	0.0	1	20 A	009.2 CORRIDOR RECEPT	24
25	007 LIGHTS	20 A	1	0.0	0.0					1	20 A	007 RECEPT	26
27	009.2, 009.3 LIGHTS	20 A	1			0.0	0.0			1	20 A	006.1, 006.2, 006.3	28
29	009 LIGHTS	20 A	1					0.0	0.0	1	20 A	006 GREEN RM RECEPT	30
31	009 LIGHTS	20 A	1	0.0	0.0					1	20 A	006 GREEN RM RECEPT	32
33	011 LIGHTS	20 A	1			0.0	0.0			1	20 A	006 GREEN RM RECEPT	34
35	011 TRACK LIGHTS, 012.1 - 0212 LIGHTS	20 A	1					0.0	0.0	1	20 A	006 GREEN RM RECEPT	36
37	SPARE	20 A	1	0.0	0.0					1	20 A	006 RECEPT	38
39	SPARE	20 A	1			0.0	0.0			1	20 A	010 RECEPT	40
41	SPARE	20 A	1					0.0	0.0	1	20 A	010 RECEPT	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
				Total Conn. Load: 0.0 kVA
				Total Est. Demand: 0.0 kVA
				Total Conn. Current: 0 A
				Total Est. Demand Current: 0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: HVP-1

Location: BOILER ROOM 024.1
Supply From:
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: PRL3a

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 35,000
Mains Type: MLO
Mains Rating: 250 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPARE	20 A	1	0.0	0.0			1	20 A	SPARE	2
3	SPARE	20 A	1			0.0	0.0	1	20 A	SPARE	4
5	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	6
7	SPACE	--	1	--	--					1	--	SPACE	8
9	SPACE	--	1			--	--			1	--	SPACE	10
11	SPACE	--	1					--	--	1	--	SPACE	12
13	SPACE	--	1	--	--					1	--	SPACE	14
15	SPACE	--	1			--	--			1	--	SPACE	16
17	SPACE	--	1					--	--	1	--	SPACE	18
19				15.0	11.6								20
21	***D-CWP-01 & D-CWP-02***	***40 A***	***3***			15.0	11.6	***3***	***30 A***	***D-CWP-03 & D-CWP-04***	22
23								15.0	11.6				24
25				0.0	2.1								26
27	T-LVP-1	70 A	3			1.0	2.1			3	20 A	***D-AHU-01***	28
29								1.9	2.1				30
31				0.0	0.0								32
33	PUMP P-1H	40 A	3			0.0	0.0	3	40 A	PUMP P-2H	34
35								0.0	0.0				36
37				0.0	0.0								38
39	BOILER B-1H	20 A	3			0.0	0.0	3	20 A	BOILER B-2H	40
41								0.0	0.0				42
		Total Load:		28.7 kVA	29.5 kVA	30.6 kVA				
		Total Amps:		104 A	107

Branch Panelboard: LVP-11

Location: CUSTODIAL 126.1
Supply From: MDP-LV SECT. 1
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 100 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	CORRIDOR LIGHTS	20 A	1	0.0	0.0					1	20 A	STORAGE LIGHTS	2
3	EXISTING CIRCUIT	20 A	1			0.0	0.0			1	20 A	ENTRY LIGHTS	4
5	ENTRY WAY	20 A	1					0.0	0.0	1	20 A	EXISTING CIRCUIT	6
7	STAFF TOILET RM LIGHTS	20 A	1	0.0	0.0					1	20 A	EXISTING CIRCUIT	8
9	EXISTING CIRCUIT	20 A	1			0.0	0.0			1	20 A	ELEVATOR LIGHTS	10
11	ENTRY WAY	20 A	1					0.0	0.0	1	20 A	EXISTING CIRCUIT	12
13	TOILET RECEPT, ELEC VALVES	20 A	1	0.0	0.4					***1***	***20 A***	***D-FCU-127.2***	14
15	HAND DRYER	20 A	1			0.0	0.4			***1***	***20 A***	***D-FCU-127.3***	16
17	HAND DRYER	20 A	1					0.0	0.0	2	40 A	(2) CU-2 (OFF)	18
19	HAND DRYER	20 A	1	0.0	0.0								20
21	HAND DRYER	20 A	1			0.0	0.0			2	20 A	RTU-14	22
23	HAND DRYER	20 A	1					0.0	0.0				24
25	***D-UV-129***	20 A	1	1.3	0.0					2	20 A	CU-A	26
27	***D-UV-130***	20 A	1			1.2	0.0						28
29	***D-UV-134***	20 A	1					1.2	0.0	1	20 A	NIGHT LIGHTS	30
31	STAFF MEN'S HAND DRYER	20 A	1	0.0	0.0					1	20 A	CORRIDOR W.C. NORTH	32
33	STAFF WOMEN'S HAND DRYER	20 A	1			0.0	0.0			1	20 A	LIBRARY FAN	34
35	TOILET, JAN CLOSET LIGHTS	20 A	1					0.0	0.0	1	20 A	CORRIDOR W.C. SOUTH	36
37	***D-FCU-122***	20 A	1	0.4	1.2					1	20 A	***D-UV-128***	38
39	HAND DRYER	20 A	1			0.0	1.2			1	20 A	***D-UV-132***	40
41	***D-UV-133***	***20 A***	***1***					1.2	--	1	--	SPACE	42
		Total Load:		3.3 kVA		2.7 kVA		2.3 kVA					
		Total Amps:		28 A		23 A		19 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	8364 VA	100.00%	8364 VA		
				Total Conn. Load:	8.4 kVA
				Total Est. Demand:	8.4 kVA
				Total Conn. Current:	23 A
				Total Est. Demand Current:	23 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-8

Location: STOR. [illegible]
Supply From: MDP-LV SECT. 2
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	020.4, 020.7 LGHTS	20 A	1	0.0	0.0					1	20 A	020.8, 020.7, 020.9 RECEPT	2
3	0, 8, 7 LGHTS	20 A	1			0.0	0.0			1	20 A	020.1 RECEPT	4
5	0, 8, 4 LGHTS	20 A	1					0.0	0.0	1	20 A	020.1 EQUIP RECEPT	6
7	020.2, 018.3 LIGHTS	20 A	1	0.0	0.0					1	20 A	020.1 EQUIP RECEPT	8
9	018.1, 018.2 LIGHTS	20 A	1			0.0	0.0			1	20 A	020.1 EQUIP RECEPT	10
11	018 LIGHTS	20 A	1					0.0	0.0	1	20 A	020.1 EQUIP RECEPT	12
13	020.1 LIGHTS	20 A	1	0.0	0.0					1	20 A	020.1 RECEPT	14
15	020.1 LIGHTS	20 A	1			0.0	0.0			1	20 A	020.1 RECEPT	16
17	020.1 LIGHTS	20 A	1					0.0	0.0	1	20 A	018.7 RECEPT	18
19	020.1 LIGHTS	20 A	1	0.0	0.0					1	20 A	BATH RECEPT	20
21	EXTERIOR LIGHTS	20 A	1			0.0	0.0			1	20 A	010.4 HAND DRYER	22
23	CHAIR LIFT	20 A	1					0.0	0.0	1	20 A	010.4 HAND DRYER	24
25	020.7 CUH	20 A	1	0.0	0.0					1	20 A	010.4 HAND DRYER	26
27	020.5 HAND DRYER	20 A	1			0.0	0.0			1	20 A	018 RECEPT	28
29	020.3 HAND DRYER	20 A	1					0.0	0.0	1	20 A	018, 018.2 RECEPT	30
31	SPARE	20 A	1	0.0	0.0					1	20 A	F-8H	32
33	SPARE	20 A	1			0.0	0.0			1	20 A	01836 CUH	34
35	SPARE	20 A	1					0.0	--	1	--	SPACE	36
37	SPARE	20 A	1	0.0	--					1	--	SPACE	38
39	SPARE	20 A	1			0.0	--			1	--	SPACE	40
41	SPARE	20 A	1					0.0	--	1	--	SPACE	42
		Total Load:		0.0 kVA		0.0 kVA		0.0 kVA					
		Total Amps:		0 A		0 A		0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-5

Location: CORRIDOR C2009
Supply From: LVDP-3
Mounting: Flush
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	CORRIDOR LIGHTS	20 A	1	0.0	0.0					1	20 A	141 CORRIDOR RECEPT	2
3	141, 146 LIGHTS	20 A	1			0.0	0.0			1	20 A	146 RECEPT	4
5	148 LIGHTS	20 A	1					0.0	0.8	1	20 A	***D-FCU-141 & D-FCU-146***	6
7	150 LIGHTS	20 A	1	0.0	0.0					1	20 A	148 RECEPT	8
9	152 LIGHTS	20 A	1			0.0	0.0			1	20 A	150 RECEPT	10
11	151 LIGHTS	20 A	1					0.0	1.2	1	20 A	***D-UV-150***	12
13	CORRIDOR LIGHTS	20 A	1	0.0	0.0					1	20 A	152 RECEPT	14
15	EXTERIOR CAMERA	20 A	1			0.0	1.2			1	20 A	***D-UV-152***	16
17	NIGHT LIGHTS	20 A	1					0.0	0.0	1	20 A	CORRIDOR CUH	18
19	***D-UV-148***	20 A	1	1.2	0.0					1	20 A	CORRIDOR RECEPT	20
21	***D-UV-139***	20 A	1			1.2	0.0			1	20 A	151 RECEPT	22
23	RECEPT RM 141	20 A	1					0.0	1.2	1	20 A	***D-UV-151***	24
25	***D-UV-135***	20 A	1	1.2	1.2					1	20 A	***D-UV-137***	26
27	SPARE	20 A	1			0.0	--			1	--	SPACE	28
29	SPARE	20 A	1					0.0	--	1	--	SPACE	30
31	SPACE	--	1	--	--					1	--	SPACE	32
33	SPACE	--	1			--	--			1	--	SPACE	34
35	SPACE	--	1					--	--	1	--	SPACE	36
37	SPACE	--	1	--	--					1	--	SPACE	38
39	SPACE	--	1			--	--			1	--	SPACE	40
41	SPACE	--	1					--	--	1	--	SPACE	42
		Total Load:		3.5 kVA		2.3 kVA		3.1 kVA					
		Total Amps:		30 A		19 A		27 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	8904 VA	100.00%	8904 VA		
				Total Conn. Load:	8.9 kVA
				Total Est. Demand:	8.9 kVA
				Total Conn. Current:	25 A
				Total Est. Demand Current:	25 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-12

Location: CORRIDOR C2005
Supply From: 2DP1
Mounting: Flush
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	109 LIGHTS	20 A	1	0.0	0.0					2	20 A	EXTERIOR LIGHTS	2
3	CORRIDOR LIGHTS	20 A	1			0.0	0.0						4
5	107 LIGHTS	20 A	1					0.0	0.0	1	20 A	107 RECEPT	6
7	107 LIGHTS	20 A	1	0.0	0.0					1	20 A	107 RECEPT	8
9	EXTERIOR CAMERA	20 A	1			0.0	0.0			1	20 A	109 RECEPT	10
11	SPARE	20 A	1					0.0	0.0	1	20 A	109 RECEPT	12
13	SPARE	20 A	1	0.0	0.0					1	20 A	109, CORRIDOR RECEPT	14
15	SPARE	20 A	1			0.0	0.0			1	20 A	CORRIDOR CUH	16
17	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	18
19	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	20
21	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	22
23	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	24
25	SPARE	20 A	1	0.0	0.0					1	20 A	SPARE	26
27	SPARE	20 A	1			0.0	0.0			1	20 A	SPARE	28
29	SPARE	20 A	1					0.0	0.0	1	20 A	SPARE	30
31	SPACE	--	1	--	--					1	--	SPACE	32
33	SPACE	--	1			--	--			1	--	SPACE	34
35	SPACE	--	1					--	--	1	--	SPACE	36
37	SPACE	--	1	--	--					1	--	SPACE	38
39	SPACE	--	1			--	--			1	--	SPACE	40
41	SPACE	--	1					--	--	1	--	SPACE	42
		Total Load:		0.0 kVA		0.0 kVA		0.0 kVA					
		Total Amps:		0 A		0 A		0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-9

Location: SERVER ROOM 121.6
Supply From: MDP-LV SECT. 1
Mounting: Flush
Enclosure: NEMA 1, Hinged Cover
Make-Model:

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 200 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	GUARD ROOM HEAT	20 A	1	0.0	0.0					1	20 A	CIRCUIT FROM P-123	2
3	CIRCUIT FROM P-123	20 A	1			0.0	0.0			1	20 A	CIRCUIT FROM P-123	4
5	CIRCUIT FROM P-123	20 A	1					0.0	0.0	1	20 A	CIRCUIT FROM P-123	6
7	CIRCUIT FROM P-123	20 A	1	0.0	0.0					1	20 A	CIRCUIT FROM P-123	8
9	CIRCUIT FROM P-123	20 A	1			0.0	0.0			1	20 A	CIRCUIT FROM P-123	10
11	CIRCUIT FROM P-123	15 A	1					0.0	0.0	1	20 A	CIRCUIT FROM P-123	12
13	SPEAKER UPS	30 A	1	0.0	0.0					1	20 A	CIRCUIT FROM P-123	14
15	121 LTS	20 A	1			0.0	0.0			1	20 A	125 RCPT	16
17	121.2 LTS	20 A	1					0.0	0.0	1	20 A	123.4	18
19	123 LTS	20 A	1	0.0	0.0					1	20 A	123 RCPT	20
21	125 LTS	20 A	1			0.0	0.0			1	20 A	123 REFRIGERATOR	22
23	RCPT RM 143.9	20 A	1					0.0	0.0	1	20 A	123.2 RCPT	24
25	BMS CONTROL	20 A	1	0.0	0.0					1	20 A	123, 123.4 RCPT	26
27	SPARE	20 A	1			0.0	0.0			1	20 A	121.5, 121.8 RCPT	28
29	SECURITY PANELS	20 A	1					0.0	0.0	1	20 A	123.3 RCPT	30
31	119.1 RCPT	20 A	1	0.0	0.0					1	20 A	121.4 RCPT	32
33	LOBBY RCPT	20 A	1			0.0	0.0			1	20 A	123.3 RCPT	34
35	AREA OF RESCUE	20 A	1					0.0	0.9	1	20 A	***D-FCU-125, D-EF-125***	36
37				0.0	0.0					1	20 A	F-21H	38
39	F-22H	20 A	3			0.0	0.0			1	20 A	FIRE SHUTTER	40
41								0.0	0.0	1	20 A	EXTERIOR CAMERA	42
		Total Load:		0.0 kVA		0.0 kVA		0.9 kVA					
		Total Amps:		0 A		0 A		8 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	948 VA	100.00%	948 VA		
				Total Conn. Load:	0.9 kVA
				Total Est. Demand:	0.9 kVA
				Total Conn. Current:	3 A
				Total Est. Demand Current:	3 A

Existing Panelboard Note:
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Branch Panelboard: LVP-6

Location: CORRIDOR C3002
Supply From: LVDP-3
Mounting: Flush
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	224 LIGHTS	20 A	1	0.0	0.0					1	20 A	224 RECEPT	2
3	226 LIGHTS	20 A	1			0.0	0.0			1	20 A	226 RECEPT	4
5	228 LIGHTS	20 A	1					0.0	0.0	1	20 A	226 RECEPT	6
7	227 LIGHTS	20 A	1	0.0	0.0					1	20 A	228 RECEPT	8
9	CORRIDOR LIGHTS	20 A	1			0.0	1.3			1	20 A	***D-UV-226***	10
11	NIGHT LIGHTS	20 A	1					0.0	0.0	1	20 A	C3009 RECEPT	12
13	***D-UV-228***	20 A	1	1.3	0.0					1	20 A	CORR. STAIR CUH	14
15	***D-UV-224***	20 A	1			1.3	0.0			1	20 A	227 RECEPT	16
17	***D-UV-209***	20 A	1					1.9	1.3	1	20 A	***D-UV-227***	18
19	SPARE	20 A	1	0.0	--					1	--	SPACE	20
21	SPARE	20 A	1			0.0	--			1	--	SPACE	22
23	SPARE	20 A	2					0.0	--	1	--	SPACE	24
25				0.0	--					1	--	SPACE	26
27	SPARE	20 A	2			0.0	--			1	--	SPACE	28
29								0.0	--	1	--	SPACE	30
31	SPACE	--	1	--	--					1	--	SPACE	32
33	SPACE	--	1			--	--			1	--	SPACE	34
35	SPACE	--	1					--	--	1	--	SPACE	36
37	SPACE	--	1	--	--					1	--	SPACE	38
39	SPACE	--	1			--	--			1	--	SPACE	40
41	SPACE	--	1					--	--	1	--	SPACE	42
		Total Load:		1.3 kVA		2.7 kVA		3.3 kVA					
		Total Amps:		11 A		24 A		29 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	7296 VA	100.00%	7296 VA		
				Total Conn. Load:	7.3 kVA
				Total Est. Demand:	7.3 kVA
				Total Conn. Current:	20 A
				Total Est. Demand Current:	20 A

Existing Panelboard Note:
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Branch Panelboard: LVP-13

Location: STORAGE 204.1
Supply From: 3DP1
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Mains Type: MLO
Mains Rating: 100 A
MCB Rating:
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	CORRIDOR LIGHTS	20 A	1	0.0	0.0					1	20 A	EXISTING CIRCUIT	2
3	EXISTING CIRCUIT	20 A	1			0.0	0.0			1	20 A	EXISTING CIRCUIT	4
5	EXISTING CIRCUIT	20 A	1					0.0	0.0	1	20 A	EXISTING CIRCUIT	6
7	EXISTING CIRCUIT	20 A	1	0.0	0.0					1	20 A	EXISTING CIRCUIT	8
9	EXISTING CIRCUIT	20 A	1			0.0	0.0			1	20 A	EXISTING CIRCUIT	10
11	EXISTING CIRCUIT	20 A	1					0.0	0.0	1	20 A	EXISTING CIRCUIT	12
13	201 LIGHTS	20 A	1	0.0	0.0					1	20 A	201 RECEPT	14
15	203 LIGHTS	20 A	1			0.0	0.0			1	20 A	201 RECEPT	16
17	205 LIGHTS	20 A	1					0.0	0.0	1	20 A	201 RECEPT	18
19	FUME HOOD	20 A	1	0.0	0.0					1	20 A	201 LAB TABLES	20
21	FUME HOOD	20 A	1			0.0	0.0			1	20 A	201 LAB TABLES	22
23	NIGHT LIGHTS	20 A	1					0.0	0.0	1	20 A	201 LAB TABLES	24
25	SPARE	20 A	1	0.0	0.0					1	20 A	201, 203 RECEPT	26
27	SPARE	20 A	1			0.0	0.0			1	20 A	203 RECEPT	28
29	SPARE	20 A	1					0.0	0.0	1	20 A	203 LAB TABLES	30
31	MEN'S HAND DRYER	20 A	1	0.0	0.0					1	20 A	203 LAB TABLES	32
33	WOMEN'S HAND DRYER	20 A	1			0.0	0.0			1	20 A	203 LAB TABLES	34
35	SPARE	30 A	2					0.0	0.0	1	20 A	SPARE	36
37				0.0	0.0					1	20 A	203 RECEPT	38
39	SPARE	30 A	2			0.0	0.0			1	20 A	203 RECEPT	40
41								0.0	0.0	1	20 A	CORRIDOR CUH	42
		Total Load:		0.0 kVA		0.0 kVA		0.0 kVA					
		Total Amps:		0 A		0 A		0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
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Branch Panelboard: LVP-10

Location: A.D. STORAGE 026.2
Supply From: MDP-LV SECT. 2
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 100 A
MCB Rating: 0 A
Lug Accessory:

Notes:

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1				0.0	0.0								2
3	CIRCUIT FROM P-30	20 A	3			0.0	0.0			3	20 A	CIRCUIT FROM P-30	4
5								0.0	0.0				6
7				0.0	0.0								8
9	CIRCUIT FROM P-30	20 A	3			0.0	0.0			3	20 A	CIRCUIT FROM P-30	10
11								0.0	0.0				12
13				0.0	0.0								14
15	CIRCUIT FROM P-30	20 A	3			0.0	0.0			3	20 A	CIRCUIT FROM P-30	16
17								0.0	0.0				18
19	144, 026.1 LTS	20 A	1	0.0	0.0					1	20 A	026 UV	20
21	C1 004.1, 030.2 LTS	20 A	1			0.0	0.0			1	20 A	028, 030 UV	22
23	028, 030 LTS	20 A	1					0.0	0.0	1	20 A	SPARE	24
25	030.2 RCPT	20 A	1	0.0	0.0					1	20 A	EXISITING LOAD	26
27	144 RCP	20 A	1			0.0	0.0			1	20 A	SPARE	28
29	144 RCP	20 A	1					0.0	0.0	1	20 A	SPARE	30
31	028 RCPT	20 A	1	0.0	--					1	--	SPACE	32
33	030 RCPT	20 A	1			0.0	--			1	--	SPACE	34
35	C1 004.1, 028.1, 030.1 RCPT	20 A	1					0.0	--	1	--	SPACE	36
37	SPARE	20 A	1	0.0	--					1	--	SPACE	38
39	SPARE	20 A	1			0.0	--			1	--	SPACE	40
41	SPARE	20 A	1					0.0	--	1	--	SPACE	42
		Total Load:		0.0 kVA		0.0 kVA		0.0 kVA					
		Total Amps:		0 A		0 A		0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
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Branch Panelboard: LVP-7

Location: STOR. 020.3
Supply From: MDP-LV SECT. 2
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: EATON PRL1a

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 10,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

**Notes:

Branch Panelboard: LVP-19

Location: CORRIDOR 116.6 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: MDP-LV SECT. 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Flush | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXISTING CIRCUIT	20 A	1	0.0			1	20 A	EXISTING CIRCUIT	2
3	EXISTING CIRCUIT	20 A	1		0.0		1	15 A	EXISTING CIRCUIT	4
5	EXISTING CIRCUIT	20 A	1			0.0	1	20 A	EXISTING CIRCUIT	6
7	EXISTING CIRCUIT	20 A	1	0.0			1	20 A	EXISTING CIRCUIT	8
9	EXISTING CIRCUIT	20 A	1		0.0		1	20 A	EXISTING CIRCUIT	10
11	EXISTING CIRCUIT	20 A	1			0.0	1	20 A	EXISTING CIRCUIT	12
13	126 LIGHTS	20 A	1	0.0	0.4		1	20 A	***D-FCU-114***	14
15	124 LIGHTS	20 A	1		0.0	0.0	1	20 A	124 RECEPT	16
17	122.1 - 122.4 LIGHTS	20 A	1			0.0	0.4	1	20 A	***D-FCU-118***	18
19	122.6, 122.7 LIGHTS	20 A	1	0.0	0.0			1	20 A	122 RECEPT	20
21	122 LIGHTS	20 A	1			0.0	0.0	1	20 A	122 RECEPT	22
23	CORRIDOR LIGHTS	20 A	1				0.0	0.0	1	20 A	122 RECEPT	24
25	CU-F	40 A	2	0.0	0.0				1	20 A	122.7 RECEPT	26
27					0.0	0.0			1	20 A	122.6 RECEPT	28
29	122 COPIER	20 A	1				0.0	0.0	1	20 A	122.6 RECEPT	30
31	SPARE	20 A	1	0.0	0.0				1	20 A	122.3, 122.4 RECEPT	32
33	SPARE	20 A	1		0.0	0.0			1	20 A	122.1, 122.2 RECEPT	34
35	UV CON ROOM	30 A	2			0.0	0.0	2	15 A	AC UNIT RM 118	36
37				0.0	0.0							38
39	SPARE	20 A	1		0.0	0.0	2	20 A	AC UNIT ROOFTOP	40
41	AC CON ROOM	20 A	1			0.0	0.0					42
		Total Load:		0.4 kVA	0.0 kVA	0.4 kVA				
		Total Amps:		4 A	0 A	4 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	840 VA	100.00%	840 VA		
				Total Conn. Load:	0.8 kVA
				Total Est. Demand:	0.8 kVA
				Total Conn. Current:	2 A
				Total Est. Demand Current:	2 A

Existing Panelboard Note:
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Branch Panelboard: LVP-16

Location: STOR. RM. 113.7 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: 2DP1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXISTING CIRCUIT	20 A	1	0.0			1	20 A	EXISTING CIRCUIT	2
3	EXISTING CIRCUIT	20 A	1		0.0		1	20 A	EXISTING CIRCUIT	4
5	EXISTING CIRCUIT	20 A	1			0.0	1	20 A	EXISTING CIRCUIT	6
7	EXISTING CIRCUIT	20 A	1	0.0			1	20 A	EXISTING CIRCUIT	8
9	EXISTING CIRCUIT	20 A	1		0.0		1	20 A	EXISTING CIRCUIT	10
11	EXISTING CIRCUIT	20 A	1			0.0	1	20 A	EXISTING CIRCUIT	12
13	EXISTING CIRCUIT	20 A	1	0.0			1	20 A	EXISTING CIRCUIT	14
15	EXISTING CIRCUIT	20 A	1		0.0		1	20 A	EXISTING CIRCUIT	16
17	EXISTING CIRCUIT	20 A	1			0.0	1	20 A	EXISTING CIRCUIT	18
19	F-18H	20 A	1	0.0			1	20 A	EXISTING CIRCUIT	20
21	***Receptacle CONTROL ROOM 113.1***	20 A	1		1.1		1	20 A	***Receptacle LIVE ROOM/MUSIC LAB 113***	22
23	***Receptacle CONTROL ROOM 113.1***	20 A	1			1.1	0.9	1	20 A	***Receptacle LIVE ROOM/MUSIC LAB 113***	24
25				0.0				1	20 A	SPARE	26
27	***Receptacle ISOLATION RM 113.6***	20 A	1		0.7	0.0		1	20 A	SPARE	28
29	SPACE	--	1				--	--	1	--	SPACE	30
31	SPACE	--	1	--	--				1	--	SPACE	32
33	SPACE	--	1		--	--			1	--	SPACE	34
35	SPACE	--	1				--	--	1	--	SPACE	36
37	SPACE	--	1	--	--				1	--	SPACE	38
39	SPACE	--	1		--	--			1	--	SPACE	40
41	SPACE	--	1			--	--		1	--	SPACE	42
		Total Load:		0.0 kVA	2.9 kVA	2.0 kVA				
		Total Amps:		0 A	27 A	19 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	4860 VA	100.00%	4860 VA		
				Total Conn. Load:	4.9 kVA
				Total Est. Demand:	4.9 kVA
				Total Conn. Current:	13 A
				Total Est. Demand Current:	13 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-13A

Location: STORAGE 204.1 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: 3DP1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	F-24H	20 A	1	0.0	0.0					2
3	F-26H	20 A	1			0.0	0.0	3	20 A	F-30H, F-31H	4
5	EXISTING CIRCUIT	20 A	1				0.0	0.0			6
7				0.0	0.0						8
9	F-27H, F-28H	20 A	3			0.0	0.0	3	20 A	F-23H	10
11							0.0	0.0			12
13	F-29H	20 A	1	0.0	0.0			1	20 A	F-32H	14
15	***D-FCU-200***	20 A	1			0.4	1.9	1	***30 A***	***D-UV-201***	16
17	231 DISHWASHER	20 A	1				0.0	1.9	1	***30 A***	***D-UV-203***	18
19	231 UNDERCOUNTER REFRIGERATOR	20 A	1	0.0	1.9				1	***30 A***	***D-UV-206***	20
21						0.0	0.0		1	20 A	SPARE	22
23	F-33H, F-34H	20 A	3				0.0	0.0	1	20 A	SPARE	24
25				0.0	0.0				1	20 A	SPARE	26
27	F-50H, F-51H	20 A	1			0.0	0.0				28
29	F-52H	20 A	1				0.0	0.0	3	20 A	F-25H	30
31	SPACE	--	1	--	0.0				1	--		32
33	SPACE	--	1			--	--		1	--	SPACE	34
35	SPACE	--	1				--	--	1	--	SPACE	36
37	SPACE	--	1	--	--				1	--	SPACE	38
39	SPACE	--	1			--	--		1	--	SPACE	40
41	SPACE	--	1					--	1	--	SPACE	42
		Total Load:		1.9 kVA	2.3 kVA	1.9 kVA				
		Total Amps:		16 A	20 A	16 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	6180 VA	100.00%	6180 VA		
				Total Conn. Load:	6.2 kVA
				Total Est. Demand:	6.2 kVA
				Total Conn. Current:	17 A
				Total Est. Demand Current:	17 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-20

Location: STAGE 117.1 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: MDP-LV SECT. 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXISTING CIRCUIT	20 A	1	0.0	0.0					2
3	EXISTING CIRCUIT	20 A	1			0.0	0.0			4
5	EXISTING CIRCUIT	20 A	1				0.0	0.0	1	20 A	EXISTING CIRCUIT	6
7	EXISTING CIRCUIT	20 A	1	0.0	0.0				1	20 A	EXISTING CIRCUIT	8
9	EXISTING CIRCUIT	20 A	1		0.0	0.0			1	20 A	EXISTING CIRCUIT	10
11	EXISTING CIRCUIT	20 A	1				0.0	0.0	1	20 A	EXISTING CIRCUIT	12
13	EXISTING CIRCUIT	20 A	1	0.0	0.0				1	20 A	EXISTING CIRCUIT	14
15	EXISTING CIRCUIT	20 A	1		0.0	0.0			1	20 A	EXISTING CIRCUIT	16
17	EXISTING CIRCUIT	20 A	1				0.0	0.0	1	20 A	EXISTING CIRCUIT	18
19	EXISTING CIRCUIT	20 A	1	0.0	0.0				1	20 A	EXISTING CIRCUIT	20
21	113 RECEPT	20 A	1		0.0	0.0			1	20 A	EXISTING CIRCUIT	22
23	CONTROL BOOTH RECEPT	20 A	1				0.0	0.0	3	20 A	AC-4H	24
25	EMERGENCY LIGHTING TRANSFER SWITCH	40 A	3	0.0	0.0							26
27					0.0	0.0						28
29							0.0	0.0	3	40 A	AUDIO ROOM CONDENSING UNIT CU-C	30
31	ER4	20 A	1	0.0	0.0							32
33	DMX-DA	20 A	1		0.0	0.0			1	20 A	CONTROL BOOTH LIGHTS	34
35	AUD EM LIGHTS	20 A	1				0.0	--	1	--	SPACE	36
37	SPARE	20 A	1	0.0	--				1	--	SPACE	38
39	SPARE	20 A	1		0.0	--			1	--	SPACE	40
41	SPARE	20 A	1			0.0	--		1	--	SPACE	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-17

Location: STORAGE/ CHASE... | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: 2DP1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	CORRIDOR LIGHTS	20 A	1	0.0	0.0					2
3	CORRIDOR LIGHTS	20 A	1			0.0	0.0	1	20 A	BATHROOM SINKS	4
5	GIRLS ROOM LIGHTS	20 A	1				0.0	0.0	1	20 A	SPARE	6
7	BOYS ROOM LIGHTS	20 A	1	0.0	0.0				1	20 A	SPARE	8
9	CORRIDOR LIGHTS, EXITS	20 A	1		0.0	0.0			1	20 A	SPARE	10
11	SPARE	20 A	1				0.0	0.0	1	20 A	SPARE	12
13	SPARE	20 A	1	0.0	0.0				1	20 A	SPARE	14
15	HALL RECEPT	20 A	1		0.0	0.0			1	20 A	SPARE	16
17	STORAGE ROOM RECEPT	20 A	1				0.0	0.0	2	20 A	SPARE	18
19	SPARE	20 A	1	0.0	0.0							20
21	SPARE	20 A	1			0.0	0.0		2	20 A	SPARE	22
23	SPARE	20 A	1				0.0	0.0				24
25	SPARE	20 A	1	0.0	0.0				2	20 A	SPARE	26
27	SPARE	20 A	1		0.0	0.0						28
29	HAND DRYER GIRLS	20 A	1				0.0	0.0	1	20 A	SPARE	30
31	ENERGY MANAGER	20 A	1	0.0	0.0				1	20 A	SPARE	32
33	GFI JAN CLOSET	20 A	1		0.0	0.0						34
35	SPARE	20 A	2				0.0	0.0	3	20 A	F-16H	36
37				0.0	0.0							38
39	BOYS HAND DRYER	20 A	1		0.0	0.0			1	20 A	F-17H	40
41	GYM PARTITION	20 A	1				0.0	0.0	1	20 A	SPARE	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-14

Location: BIOLOGY #1 206 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: 3DP1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Flush | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	206 LIGHTS	20 A	1	0.0	1.2			1	20 A	D-EF-210	2
3	208 LIGHTS	20 A	1			0.0	0.0	1	20 A	206 RECEPT	4
5	210 LIGHTS	20 A	1				0.0	0.0	1	20 A	206 RECEPT	6
7	207 LIGHTS	20 A	1	0.0	0.0			1	20 A	206 LAB TABLES	8
9	207 RECEPT	20 A	1			0.0	0.0	1	20 A	206 LAB TABLES	10
11	207 RECEPT	20 A	1				0.0	0.0	1	20 A	206 LAB TABLES	12
13	***D-UV-207***	20 A	1	1.9	0.0			1	20 A	206 RECEPT	14
15	207 RECEPT	20 A	1			0.0	0.0	1	20 A	206 RECEPT	16
17	207 LAB TABLES	20 A	1				0.0	0.0	1	20 A	210 RECEPT	18
19	207 LAB TABLES	20 A	1	0.0	0.0				1	20 A	210 LAB TABLES	20
21	207 LAB TABLES	20 A	1			0.0	0.0		1	20 A	210 LAB TABLES	22
23	209 RECEPT	20 A	1				0.0	0.0	1	20 A	210 LAB TABLES	24
25	209 RECEPT	20 A	1	0.0	0.0				1	20 A	210 RECEPT	26
27	209 RECEPT	20 A	1			0.0	0.0		1	20 A	210 RECEPT	28
29	***D-UV-214***	20 A	1				1.9	1.9	1	20 A	***D-UV-210***	30
31	209 LAB TABLES	20 A	1	0.0	0.0				1	20 A	W.C. NORTH	32
33	209 LAB TABLES	20 A	1			0.0	0.0		1	20 A	W.C. SOUTH	34
35	209 LAB TABLES	20 A	1					0.0	0.0	1	20 A	SPARE	36
37	FUME HOOD	20 A	1	0.0	--				1	--	SPACE	38
39	208 RECEPT	20 A	1			0.0	--		1	--	SPACE	40
41	D-EF-206	20 A	1				1.2	--	1	--	SPACE	42
		Total Load:		3.1 kVA	0.0 kVA	5.0 kVA				
		Total Amps:		30 A	0 A	46 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	8112 VA	100.00%	8112 VA		
				Total Conn. Load:	8.1 kVA
				Total Est. Demand:	8.1 kVA
				Total Conn. Current:	23 A
				Total Est. Demand Current:	23 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-21

Location: POOL STORAGE 001.7 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: LVDP-2 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	CORRIDOR CUH	20 A	1	0.0	0.0			1	20 A	002 HAIR DRYER	2
3	HAIR DRYER 005	20 A	1		0.0	0.0		1	20 A	002 HAIR DRYER	4
5	HAIR DRYER 005	20 A	1				0.0	0.0	1	20 A	002 HAIR DRYER	6
7	HAIR DRYER 005	20 A	1	0.0	0.0				1	20 A	002 HAND DRYER	8
9	HAND DRYER 005	20 A	1		0.0	0.0			1	20 A	002.3 RECEPT	10
11	005.3 RECEPT	20 A	1				0.0	0.0	1	20 A	002 RECEPT	12
13	005.3 RECEPT	20 A	1	0.0	0.0				1	20 A	004, 006 DRINKING FOUNTAIN RECEPT	14
15	001.5 RECEPT	20 A	1			0.0	0.0		1	20 A	001.3 RECEPT	16
17	001.4 RECEPT	20 A	1					0.0	0.0	1	20 A	003 HAND DRYER	18
19	004 HAND DRYER	20 A	1	0.0	0.0				1	20 A	003 HAND DRYER	20
21	004 HAND DRYER	20 A	1		0.0	0.0			1	20 A	005 - 0010 LIGHTS	22
23	POOL AUDIO EQUIPMENT	20 A	1				0.0	0.0	1	20 A	NAC PANEL	24
25	CORRIDOR LIGHTS	20 A	1	0.0	0.0				1	20 A	SPARE	26
27	001.2 - 003.4 LIGHTS	20 A	1		0.0	0.0			1	20 A	SPARE	28
29	003 - 006 LIGHTS	20 A	1				0.0	0.0	1	20 A	SPARE	30
31	POOL SECURITY SYSTEM	20 A	1	0.0	--				1	--	SPACE	32
33	SPACE	--	1			--	--		1	--	SPACE	34
35	SPACE	--	1				--	--	1	--	SPACE	36
37	SPACE	--	1	--	--				1	--	SPACE	38
39	SPACE	--	1		--	--			1	--	SPACE	40
41	SPACE	--	1				--	--	1	--	SPACE	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-18

Location: BEVERAGE STOR.... | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: 2DP1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	VENDING	20 A	1	0.0	0.0			1	20 A	EXISTING CIRCUIT	2
3	VENDING	20 A	1		0.0	0.0		1	20 A	EXISTING CIRCUIT	4
5	VENDING	20 A	1				0.0	0.0	1	20 A	EXISTING CIRCUIT	6
7	VENDING	20 A	1	0.0	0.0				1	20 A	EXISTING CIRCUIT	8
9	VENDING	20 A	1		0.0	0.0			1	20 A	EXISTING CIRCUIT	10
11	VENDING	20 A	1				0.0	0.0	1	20 A	EXISTING CIRCUIT	12
13	CAFETERIA RECEPT	20 A	1	0.0	0.0				1	20 A	EXISTING CIRCUIT	14
15	CAFETERIA RECEPT	20 A	1			0.0	0.0		1	20 A	EXISTING CIRCUIT	16
17	CAFETERIA TELEVISIONS	20 A	1				0.0	0.0	1	20 A	EXISTING CIRCUIT	18
19	CAFETERIA LIGHTS	20 A	1	0.0	0.0				1	20 A	EXISTING CIRCUIT	20
21	CAFETERIA LIGHTS	20 A	1			0.0	0.0		1	20 A	103 CORRIDOR RECEPT	22
23	CAFETERIA LIGHTS	20 A	1				0.0	0.0	1	20 A	CORRIDOR CUH	24
25	CAFETERIA LIGHTS	20 A	1	0.0	0.0				1	20 A	SPARE	26
27	C2000, 103 LIGHTS	20 A	1			0.0	0.0		1	20 A	SPARE	28
29	CAFETERIA DRINKING FOUNTAIN	20 A	1				0.0	0.0	1	20 A	SPARE	30
31	SPACE	--	1	--	0.0				1	20 A	SPARE	32
33	SPACE	--	1			--	0.0		1	20 A	SPARE	34
35	SPACE	--	1					--	0.0	1	20 A	SPARE	36
37	SPACE	--	1	--	0.0				1	20 A	SPARE	38
39	SPACE	--	1			--	0.0		1	20 A	SPARE	40
41	SPACE	--	1				--	0.0	1	20 A	SPARE	42
		Total Load:		0.0 kVA	0.0 kVA	0.0 kVA				
		Total Amps:		0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: LVP-15

Location: DATA CLOSET 213.1 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: 3DP1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL1a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	212 LIGHTS	20 A	1	0.0	0.0					2
3	214 LIGHTS	20 A	1			0.0	0.0	3	20 A	F-37H, F-38H, F-39H	4
5	CORRIDOR LIGHTS	20 A	1				0.0	0.0			6
7	211 LIGHTS	20 A	1	0.0	0.0						8
9	222 LIGHTS, D-WING HALL LIGHTS	20 A	1			0.0	0.0	3	20 A	F-40H, F-41H, F-42H	10
11	214 RECEPT	20 A	1				0.0	0.0			12
13	214 RECEPT	20 A	1	0.0	0.0	

Branch Panelboard: P2

Location: STORAGE 218.1 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: MDP-LV SECT. 2 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: SQUARE D NQOB | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	POWER RECEPT MAIN & TOP CORRIDORS	20 A	1	0.0 1.2			1	20 A	***D-UV-216***	2
3	POWER RECEPT MAIN & TOP CORRIDORS	20 A	1		0.0 1.2		1	20 A	***D-UV-218***	4
5	POWER RECEPT MAIN & TOP CORRIDORS	20 A	1			0.0 0.4	1	20 A	***D-FCU-220***	6
7	RECEPT SCIENCE LAB TABLES	20 A	1	0.0 0.0			1	20 A	EXHAUST FAN #2 GROUP INST.	8
9	RECEPT SCIENCE LAB TABLES	20 A	1		0.0 0.0		1	20 A	EXHAUST FAN #1 JAN. RM 1ST FLOOR	10
11	***D-UV-213***	20 A	1			1.5 0.0	1	20 A	RECEPT SCIENCE LAB TABLES	12
13	EXHAUST FAN BUS. OFFICE	20 A	1	0.0 0.0			1	20 A	RECEPT SCIENCE LAB TABLES	14
15	CONTROL CIRCUIT FAN C-1	20 A	1		0.0 0.0		1	20 A	FLOOR RECEPT RM 147	16
17						0.0 0.0	1	20 A	FLOOR RECEPT RM 147	18
19	CU 046, 048	30 A	3	0.0 0.0			2	30 A	FLOOR RECEPT RM 147	20
21					0.0 0.0					22
23	FLOOR RECEPT RM 142, 144	30 A	1			0.0 0.0	1	20 A	RECEPT GROUP INST. EAST	24
25	FLOOR RECEPT RM 148	20 A	1	0.0 0.0			1	20 A	CONTROL FOR FIRE ALARM BOX	26
27	DOOR HOLDERS	20 A	1		0.0 0.0		1	20 A	RECEPT GROUP INST. WEST	28
29						0.0 0.0	1	20 A	EXISTING CIRCUIT	30
31	FAN C-1	15 A	3	0.0 0.0			1	20 A	EXISTING CIRCUIT	32
33					0.0 0.0		2	20 A	AC COMPUTER ROOM 1ST FLOOR	34
35	AC COMPUTER ROOM 1ST FLOOR	30 A	2			0.0 0.0				36
37				0.0 0.0			1	20 A	EXISTING CIRCUIT	38
39	SPACE	--	1		-- --		1	--	SPACE	40
41	SPACE	--	1			-- --	1	--	SPACE	42
43	SPACE	--	1	-- --			1	--	SPACE	44
45	SPACE	--	1		-- --		1	--	SPACE	46
47	SPACE	--	1			-- --	1	--	SPACE	48
49	SPACE	--	1	-- --			1	--	SPACE	50
51	SPACE	--	1		-- --		1	--	SPACE	52
53	SPACE	--	1			-- --	1	--	SPACE	54
	Total Load:			1.2 kVA	1.2 kVA	2.0 kVA				
	Total Amps:			10 A	10 A	16 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	4260 VA	100.00%	4260 VA		
				Total Conn. Load:	4.3 kVA
				Total Est. Demand:	4.3 kVA
				Total Conn. Current:	12 A
				Total Est. Demand Current:	12 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: KP-1 SECT. 2

Location: KITCHEN 102 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: LVDP-2 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 400 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: EATON PRL3a | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	FREEZER LIGHTS, HEATER, ALARM	20 A	1	0.0 0.0			1	20 A	COOLER LIGHTS, HEATER, ALARM	2
3	FREEZER EVAP	20 A	1		0.0 0.0		1	20 A	COOLER EVAP COIL	4
5	FREEZER EVAP	20 A	1			0.0 0.0	1	20 A	COOLER CONDENSING UNIT	6
7				0.0 0.0			2			8
9	FREEZER CONDENSING UNIT	20 A	3		0.0 0.0					10
11						0.0 0.0	3	30 A	SHOCK FREEZER	12
13	HEAT TRACE	20 A	1	0.0 0.0						14
15	KITCHEN RECEPT	20 A	1		0.0 0.0		1	20 A	DISHWASHER RECEPT	16
17						0.0 0.0				18
19	DISHWASHER	60 A	3	0.0 0.0			3	20 A	DISPOSAL	20
21					0.0 0.0					22
23	MILK COOLER	20 A	1			0.0 0.0	1	20 A	SERVING LIGHTS	24
25				0.0 --			1	--	SPACE	26
27	BOOSTER HEATER	125 A	3		0.0 --		1	--	SPACE	28
29						0.0 --	1	--	SPACE	30
31	WASHER	20 A	1	0.0 0.0						32
33	DRYER	30 A	2		0.0 0.0		3	40 A	F-14H AND MAU-1H	34
35						0.0 0.0				36
37	FIRE SHUTTERS	20 A	1	0.0 0.0			1	20 A	KITCHEN LIGHTS	38
39	***KITCHEN SOLENOID VALVE***	20 A	1		0.2 0.0		2	20 A	F-13H AND F-15H	40
41	***D-CU-102A & D-EVAP-102A***	***20 A***	***2***			1.5 0.0				42
43				1.5 0.0			1	20 A	KITCHEN HOOD	44
45	***D-CU-102B & D-EVAP-102B***	***20 A***	***2***		1.5 1.5		***2***	***20 A***	***D-CU-102C & D-EVAP-102C***	46
47						1.5 1.5				48
	Total Load:			1.5 kVA	3.2 kVA	4.5 kVA				
	Total Amps:			13 A	29 A	40 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	180 VA	100.00%	180 VA		
HVAC	9086 VA	100.00%	9086 VA	**Total Conn. Load:**	9.2 kVA
				Total Est. Demand:	9.2 kVA
				Total Conn. Current:	26 A
				Total Est. Demand Current:	26 A

Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: PP1

Location: CORRIDOR A25 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: MDP-LV SECT. 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Flush | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: SQUARE D NQOB | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	EXISTING CIRCUIT	20 A	1	0.0 0.0						2
3					0.0 0.0		3	50 A	SPARE	4
5	LIEBERT UNIT #1	20 A	3			0.0 0.0				6
7				0.0 0.0			2	20 A	ERV-1	8
9	EXISTING CIRCUIT	20 A	1		0.0 0.0					10
11	SPARE	20 A	1			0.0 0.0	2	20 A	CU #2	12
13	HOT WATER HEATER	20 A	1	0.0 0.0						14
15	RECEPT FOR HVAC #1	20 A	1		0.0 0.0		2	20 A	CU #3	16
17	OUTSIDE AC LEFT UNIT	30 A	2			0.0 0.0				18
19				0.0 5.8						20
21	EXISTING CIRCUIT	20 A	1		0.0 5.8		3	70 A	***D-ACCU-01***	22
23	EXISTING CIRCUIT	20 A	1			0.0 5.8				24
25	SPACE	--	1	-- --			1	--	SPACE	26
27	SPACE	--	1		-- --		1	--	SPACE	28
29	SPACE	--	1			-- --	1	--	SPACE	30
31	SPACE	--	1	-- --			1	--	SPACE	32
33	SPACE	--	1		-- --		1	--	SPACE	34
35	SPACE	--	1			-- --	1	--	SPACE	36
37	SPACE	--	1	-- --			1	--	SPACE	38
39	SPACE	--	1		-- --		1	--	SPACE	40
41	SPACE	--	1			-- --	1	--	SPACE	42
	Total Load:			5.8 kVA	5.8 kVA	5.8 kVA				
	Total Amps:			48 A	48 A	48 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	17379 VA	100.00%	17379 VA		
				Total Conn. Load:	17.4 kVA
				Total Est. Demand:	17.4 kVA
				Total Conn. Current:	48 A
				Total Est. Demand Current:	48 A

Existing Panelboard Note:
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Branch Panelboard: CAFE PANEL

Location: PERIODICAL STOR.... | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: MDP-LV SECT. 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: SQUARE D NQOD | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	COPIER RECEPT	20 A	1	0.0 0.0			1	20 A	MIRCOWAVE	2
3	RECEPT THIS ROOM EAST WALL	20 A	1		0.0 0.0		1	20 A	SOUTH RECEPT	4
5	LIGHTS THIS ROOM & 127	20 A	1			0.0 0.0	1	20 A	RECEPT THIS ROOM	6
7	RECEPT	20 A	1	0.0 0.0			1	20 A	REFRIGERATOR	8
9	RECEPT STRIP 127	20 A	1		0.0 0.0		1	20 A	WEST WALL RECEPT	10
11	SPARE	20 A	1			0.0 0.0	1	20 A	RECEPT	12
13	NORTH WALL RECEPT	20 A	1	0.0 0.0			1	20 A	RECEPT	14
15	DISHWASHER	20 A	1		0.0 0.0		1	20 A	RECEPT	16
17	OFFICE RECEPT	20 A	1			0.0 0.0	1	20 A	CLOCK RM 127	18
19	OFFICE RECEPT	20 A	1	0.0 1.1			1	20 A	***D-UV-127.1***	20
21					0.0 0.0		2	20 A	TOASTER	22
23	FRO-YO RECEPT	20 A	3			0.0 0.0				24
25				0.0 --			1	--	SPACE	26
27	SPACE	--	1		-- 1.1		1	20 A	***D-UV-120***	28
29	SPACE	--	1			-- --	1	--	SPACE	30
	Total Load:			1.1 kVA	1.1 kVA	0.0 kVA				
	Total Amps:			10 A	10 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	2112 VA	100.00%	2112 VA		
				Total Conn. Load:	2.1 kVA
				Total Est. Demand:	2.1 kVA
				Total Conn. Current:	6 A
				Total Est. Demand Current:	6 A

Existing Panelboard Note:
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Branch Panelboard: LP1

Location: CORRIDOR A25 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: MDP-LV SECT. 1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Flush | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: SQUARE D NQOB | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	LIGHTS COPY RM, BATHROOMS	20 A	1	0.0 0.0			1	20 A	LIGHTS RM 116, 117, 118	2
3	LIGHTS RM A20	20 A	1		0.0 0.0		1	20 A	LIGHTS RM 119, 120, 121	4
5	LIGHTS RM A18, A18A	20 A	1			0.0 0.0	1	20 A	LIGHTS RM 123, 124, A12	6
7	LIGHTS MAIL RM	20 A	1	0.0 0.0			1	20 A	LIGHTS RM 125, 127, 128, IT RM	8
9	COPY MACHINE, SPECIAL ED	20 A	1		0.0 0.0		1	20 A	LIGHTS LARGE CONF. RM	10
11	RECEPT N. WALL LARGE CONF RM	20 A	1			0.0 0.0	1	20 A	LIGHTS CONF. RM EAST	12
13	***Receptacle Room A3, A24***	20 A	1	1.1 0.0			1	20 A	RECEPT RM 119, 120, 121	14
15	RECEPT BREAK RM	20 A	1		0.0 0.0		1	20 A	RECEPT RM 121, 123, 124	16
17	***Receptacle STUDENT SERVICES A1A***	20 A	1			1.1 0.0	1	20 A	SERVER RM , CONF RM WEST WALL	18
19	RECEPT FILE RM	20 A	1	0.0 1.1			1	20 A	***Receptacle CONFERENCE ROOM A19***	20
21	RECEPT FILE RM	20 A	1		0.0 0.0		1	20 A	RECEPT RM 109	22
23	LIGHTS RM 115, CONF. RM	20 A	1			0.0 0.0	1	20 A	RECEPT RM 106, 107, 108	24
25	COPY MACHINE	20 A	1	0.0 0.0			1	20 A	RECEPT RM 116, 117, 118, EXTERIOR	26
27	***D-UV-048***	20 A	1		1.1 0.0		1	20 A	LIGHTS RM 110, LOBBY	28
29	***Receptacle Room A1, A21, A19***	***20 A***	***1***			1.1 0.0	1	20 A	XEROX COPIER	30
31	***Receptacle Room A24, A10***	***20 A***	***1***	0.7 0.9			1	20 A	***Receptacle Room A10***	32
33	LIGHTS CORRIDOR WEST	20 A	1		0.0 0.0		1	20 A	RECEPT CORRIDOR EAST	34
35	LIGHTS CORRIDOR EAST	20 A	1			0.0 0.0	1	20 A	RECEPT CORRIDOR NORTH	36
37	Lighting DISTRICT OFFICE LOBBY &...	20 A	1	1.1 --			1	--	SPACE	38
39	Lighting DISTRICT OFFICE CONFERENCE...	20 A	1		0.8 --		1	--	SPACE	40
41	SPACE	--	1			-- --	1	--	SPACE	42
	Total Load:			4.8 kVA	1.8 kVA	2.2 kVA				
	Total Amps:			41 A	15 A	18 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	1898 VA	100.00%	1898 VA		
Receptacle	5940 VA	100.00%	5940 VA	**Total Conn. Load:**	8.7 kVA
HVAC	1056 VA	100.00%	1056 VA	**Total Est. Demand:**	8.7 kVA
				Total Conn. Current:	24 A
				Total Est. Demand Current:	24 A

Existing Panelboard Note:
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Branch Panelboard: 2P2

Location: RESOURCE 140 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: CMDP2 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:** 225 A
Make-Model: SIEMENS S1 | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	SPACE	--	1	-- 0.0			1	20 A	NETWORK HUBS 2ND FLOOR EAST	2
3	SPACE	--	1		-- 0.0		1	20 A	IG RECEPT RM 136	4
5	IG RECEPT RM 136	20 A	1			0.0 0.0	1	20 A	IG RECEPT RM 139	6
7	IG RECEPT RM 139	20 A	1	0.0 0.0			1	20 A	IG RECEPT RM 138	8
9	IG RECEPT RM 139	20 A	1		0.0 0.0		1	20 A	IG RECEPT ENTRY	10
11	IG RECEPT RM 141	20 A	1			0.0 0.0	1	20 A	IG RECEPT RM 141	12
13	IG RECEPT RM 142	20 A	1	0.0 0.0			1	20 A	IG RECEPT RM 142	14
15	IG RECEPT RM 143	20 A	1		0.0 0.0		1	20 A	IG RECEPT RM 143	16
17	IG RECEPT RM 144	20 A	1			0.0 0.0	1	20 A	IG RECEPT RM 144	18
19	IG RECEPT RM 145	20 A	1	0.0 0.0			1	20 A	IG RECEPT RM 145	20
21	IG RECEPT RM 146	20 A	1		0.0 0.0		1	20 A	IG RECEPT RM 146	22
23	IG RECEPT RM 147	20 A	1			0.0 0.0	1	20 A	IG RECEPT RM 147	24
25	IG RECEPT RM 149	20 A	1	0.0 0.0			1	20 A	IG RECEPT RM 149	26
27	OVERHEAD MONITORS RM 141, 143, 145,...	20 A	1		0.0 0.0		1	20 A	OVERHEAD MONITORS RM 144, 146	28
29	OVERHEAD MONITORS RM 138, 140	20 A	1			0.0 1.2	1	20 A	***D-UV-138***	30
31	***D-UV-136***	***20 A***	***1***	1.2 1.1			***1***	***20 A***	***D-UV-143***	32
33	***D-UV-140***	***20 A***	***1***		1.1 1.1		***1***	***20 A***	***D-UV-145***	34
35	***D-UV-142***	***20 A***	***1***			1.1 1.1	***1***	***20 A***	***D-UV-147***	36
37	***D-UV-144***	***20 A***	***1***	1.1 1.1			***1***	***20 A***	***D-UV-149***	38
39	SPACE	--	1		-- --		1	--	SPACE	40
41	SPACE	--	1			-- --	1	--	SPACE	42
	Total Load:			4.3 kVA	2.1 kVA	3.3 kVA				
	Total Amps:			37 A	18 A	29 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	9696 VA	100.00%	9696 VA		
				Total Conn. Load:	9.7 kVA
				Total Est. Demand:	9.7 kVA
				Total Conn. Current:	27 A
				Total Est. Demand Current:	27 A

Existing Panelboard Note:
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Branch Panelboard: 18B

Location: ELEC./MECH. 036.1 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 22,000
Supply From: | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 100 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Design Make: SQUARE D NQ SERIES | **Lug Accessory:**

Notes:
REPLACEMENT PANELBOARD. PROVIDE ALL CIRCUIT BREAKERS AS NOTED. CONNECT ALL EXISTING TO REMAIN BRANCH CIRCUITS TO THE SAME CIRCUIT NUMBER AS EXISTING. CIRCUITS NOTED IN BOLD/ITALIC TEXT ARE NEW BRANCH CIRCUITS.

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1				0.0 0.0						2
3	EXISTING CIRCUIT	15 A	3		0.0 0.0		3	15 A	EXISTING CIRCUIT	4
5						0.0 0.0				6
7	EXISTING CIRCUIT	20 A	1	0.0 0.0						8
9	EXISTING CIRCUIT	20 A	1		0.0 0.0		3	20 A	EXISTING CIRCUIT	10
11	EXISTING CIRCUIT	20 A	1			0.0 0.0				12
13	EXISTING CIRCUIT	20 A	1	0.0 --			1	--	SPACE	14
15	EXISTING CIRCUIT	20 A	1		0.0 --		1	--	SPACE	16
17	SPARE	20 A	1			0.0 --	1	--	SPACE	18
19	SPARE	20 A	1	0.0 --			1	--	SPACE	20
21	SPARE	20 A	1		0.0 --		1	--	SPACE	22
23	SPARE	20 A	1			0.0 --	1	--	SPACE	24
25	***D-UV-042***	20 A	1	1.1 1.1			1	20 A	***D-UV-032***	26
27	***D-UV-044***	20 A	1		1.1 1.1		1	20 A	***D-UV-038***	28
29	***D-UV-046***	20 A	1			1.1 1.1	1	20 A	***D-UV-040***	30
	Total Load:			2.1 kVA	2.1 kVA	2.1 kVA				
	Total Amps:			18 A	18 A	18 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	6336 VA	100.00%	6336 VA		
				Total Conn. Load:	6.3 kVA
				Total Est. Demand:	6.3 kVA
				Total Conn. Current:	18 A
				Total Est. Demand Current:	18 A

Branch Panelboard: 1P1

Location: MECH. WORK ROOM... | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: CMDP1 | **Phases:** 3 | **Mains Type:** MCB
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 225 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: SIEMENS S1 | **Lug Accessory:**

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	OUTSIDE GFI 1ST FLR CENTRAL	20 A	1	0.0 0.0			1	20 A	UNIVENT LANGUAGE LAB	2
3	SPACE	--	1		-- --		1	--	SPACE	4
5	SPACE	--	1			-- --	1	--	SPACE	6
7	SPACE	--	1	-- --			1	--	SPACE	8
9	SPACE	--	1		-- --		1	--	SPACE	10
11	SPACE	--	1			-- 0.0	2	20 A	SPARE	12
13	CONDENSER UNIT FIRST FLOOR CENTER	50 A	2	0.0 0.0						14
15					0.0 0.0		2	50 A	CONDENSER UNIT 1ST FLOOR CENTRAL	16
17	SPACE	--	1			-- 0.0				18
19	NETWORK HUBS 1ST FLR CENTRAL	20 A	1	0.0 0.0			1	20 A	IG RECEPTACLES RM 28	20
21	IG RECEPTACLES RM 38	20 A	1		0.0 0.0		1	20 A	IG RECEPTACLES RM 24, 26A	22
23	IG RECEPTACLES RM 42	20 A	1			0.0 --	1	--	SPACE	24
25	IG RECEPTACLES RM 34	20 A	1	0.0 0.0			1	20 A	IG RECEPTACLES RM 34	26
27	IG RECEPTACLES RM 44	20 A	1		0.0 0.0		1	20 A	IG RECEPTACLES RM 44	28
29	SPACE	--	1			-- 0.0	1	20 A	IG RECEPTACLES RM 30	30
31	SPACE	--	1	-- --			1	--	SPACE	32
33	SPACE	--	1		-- --		1	--	SPACE	34
35	SPACE	--	1			-- --	1	--	SPACE	36
37	SPACE	--	1	-- --			1	--	SPACE	38
39	SPACE	--	1		-- --		1	--	SPACE	40
41	SPACE	--	1			-- --	1	--	SPACE	42
	Total Load:			0.0 kVA	0.0 kVA	0.0 kVA				
	Total Amps:			0 A	0 A	0 A				

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
				Total Conn. Load:	0.0 kVA
				Total Est. Demand:	0.0 kVA
				Total Conn. Current:	0 A
				Total Est. Demand Current:	0 A

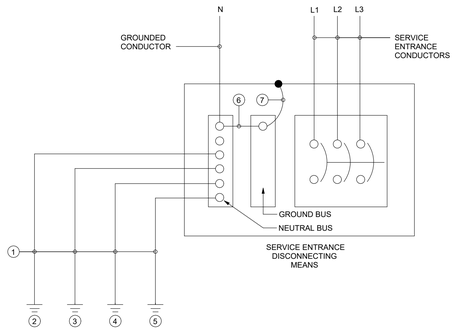
Existing Panelboard Note:
THIS IS AN EXISTING PANELBOARD. PROVIDE NEW CIRCUIT BREAKERS WHERE NOTED IN BOLD/ITALIC TEXT. CIRCUIT BREAKERS SHALL BE UL LISTED FOR USE WITH THE EXISTING PANELBOARD. INTERRUPTING RATING OF NEW CIRCUIT BREAKERS SHALL BE AS NOTED ABOVE ON THIS SCHEDULE.

Branch Panelboard: 1P1A

Location: MECHANICAL 024 | **Volts:** 120/208 Wye | **A.I.C. Rating:** 10,000
Supply From: CMDP1 | **Phases:** 3 | **Mains Type:** MLO
Mounting: Surface | **Wires:** 4 | **Mains Rating:** 125 A
Enclosure: NEMA 1, Hinged Cover | **MCB Rating:**
Make-Model: SIEMENS S1 | **Lug Accessory:**

Notes:

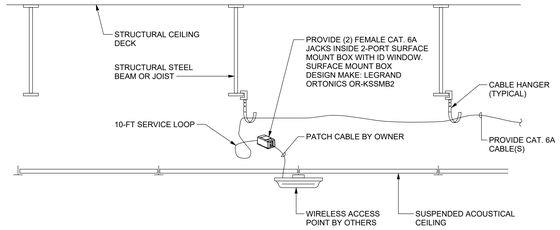
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	NETWORK HUBS 1ST FLR CENTRAL	20 A	1	0.0 0.0			1	20 A	IG RECEPTACLES RM 19F	2
3	IG RECEPTACLES RM P3-A	20 A	1		0.0 0.0		1	20 A	IG RECEPTACLES RM P4-A	4
5	IG RECEPTACLES RM 19G, MECH STG	20 A	1			0.0 0.0	1	20 A	IG RECEPTACLES RM 20	6
7	IG RECEPTACLES RM 20	20 A	1	0.0 0.0			1	20 A	IG RECEPTACLES RM 22	8
9	OVERHEAD MONITOR RM 20	20 A	1		0.0 0.0		1	20 A	SPARE	10
11	***D-UV-030***	20 A	1			1.1 1.1	1	20 A	***D-UV-024***	12
13	SPACE	--	1	-- --			1	--	SPACE	14
15	SPACE	--	1		-- --		1	--	SPACE	16
17	SPACE	--	1			-- --	1	--	SPACE	18
19	SPACE	--	1	-- --			1	--	SPACE	20
21	SPACE	--	1		-- --		1	--	SPAC



DETAIL NOTES:

1. PROVIDE GROUNDING ELECTRODE CONDUCTOR. PROVIDE INSULATED COPPER CONDUCTOR PER SPECIFICATIONS. IF NO SIZE SPECIFIED, PROVIDE INSULATED COPPER CONDUCTOR SIZED PER N.E.C. TABLE 250.66. INSTALL IN RIGID, SCHEDULE 80, PVC RACEWAY.
2. METAL UNDERGROUND WATER PIPE IN DIRECT CONTACT WITH EARTH FOR 10 FEET OR MORE. SHALL BE SUPPLEMENTED BY ITEMS 3, 4, AND 5.
3. BUILDING STRUCTURAL STEEL PER N.E.C. ARTICLE 250.52.A(2).
4. MADE GROUNDING ELECTRODE PER N.E.C. ARTICLE 250.52.A(5). REFER TO "MADE GROUNDING ELECTRODE GROUND GRID" DETAIL AND SPECIFICATIONS.
5. BOND #4 AWG COPPER CONDUCTOR TO REBAR IN CONCRETE FOUNDATION OR FOOTING THAT IS IN DIRECT CONTACT WITH THE EARTH PER N.E.C. ARTICLE 250.52.A(3).
6. MAIN BONDING JUMPER. PROVIDE INSULATED COPPER CONDUCTOR SIZED PER N.E.C. TABLE 250.102(C)(1).
7. BOND GROUND BUS TO EQUIPMENT ENCLOSURE WITH BARE COPPER BONDING JUMPER SIZED PER N.E.C. TABLE 250.102(C)(1).

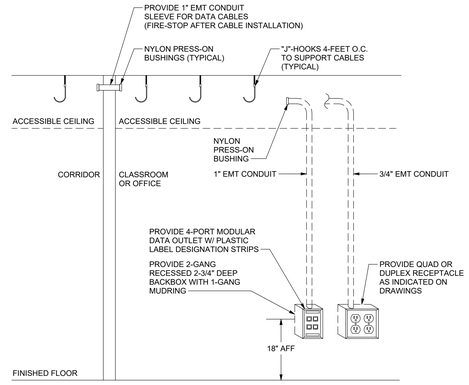
9 SERVICE ENTRANCE GROUNDING DETAIL
NTS



DETAIL GENERAL NOTES:

A. REFER TO SYMBOLS LIST OR FLOOR PLANS FOR CABLE QUANTITIES.

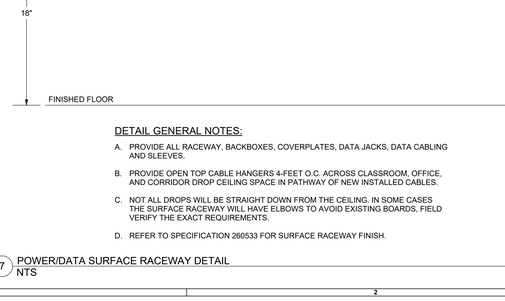
6 CEILING MOUNTED WIRELESS ACCESS POINT DATA OUTLET DETAIL
NTS



DETAIL GENERAL NOTES:

A. PROVIDE ALL RACEWAY, BACKBOXES, COVERPLATES, DATA JACKS, DATA CABLING AND SLEEVES.
B. PROVIDE OPEN TOP CABLE HANGERS 4-FEET O.C. ACROSS CLASSROOM, OFFICE, AND CORRIDOR DROP CEILING SPACE IN PATHWAY OF NEW INSTALLED CABLES.

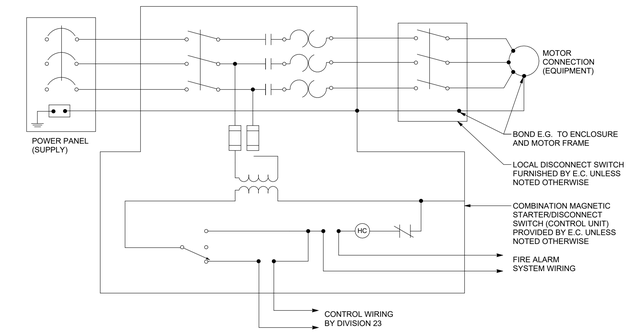
3 NEW CONSTRUCTION POWER/DATA OUTLET DETAIL
NTS



DETAIL GENERAL NOTES:

A. PROVIDE ALL SURFACE RACEWAY, SURFACE BACKBOXES, COVERPLATES, DATA JACKS, DATA CABLING AND SLEEVES.
B. PROVIDE OPEN TOP CABLE HANGERS 4-FEET O.C. ACROSS CLASSROOM, OFFICE, AND CORRIDOR DROP CEILING SPACE IN PATHWAY OF NEW INSTALLED CABLES.
C. NOT ALL DROPS WILL BE STRAIGHT DOWN FROM THE CEILING. IN SOME CASES THE SURFACE RACEWAY WILL HAVE ELBOWS TO AVOID EXISTING BOARDS, FIELD VERIFY THE EXACT REQUIRENMENTS.
D. REFER TO SPECIFICATION 260533 FOR SURFACE RACEWAY FINISH.

8 SURFACE MOUNT POWER/DATA OUTLET DETAIL
NTS

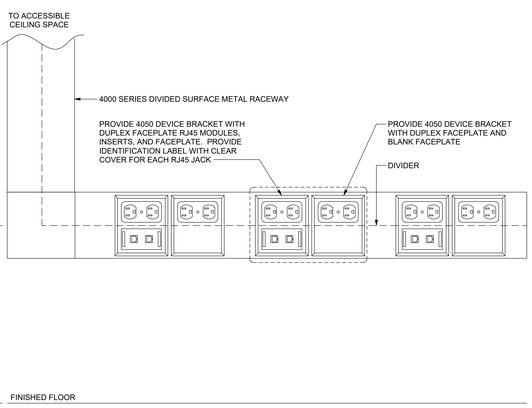


5 THREE-PHASE MOTOR CONNECTION DETAIL
NTS

DETAIL GENERAL NOTES:

A. CONTROLLER SHALL BE PROGRAMMED SUCH THAT ALL LOADS REQUIRE MANUAL-ON CONTROL.
B. PROVIDE ALL WIRING & INTERCONNECTIONS AS REQUIRED BY MANUFACTURER.
C. PROVIDE PROGRAMMING, STARTUP, AND COMMISSIONING BY A FACTORY CERTIFIED TECHNICIAN.
D. REFER TO FLOOR PLANS FOR QUANTITY OF CHANNELS (SWITCH-LEGS). PROVIDE ADDITIONAL NETWORKED ROOM CONTROLLERS AND SWITCHING WHERE DRAWINGS EXCEED 3-CHANNELS.

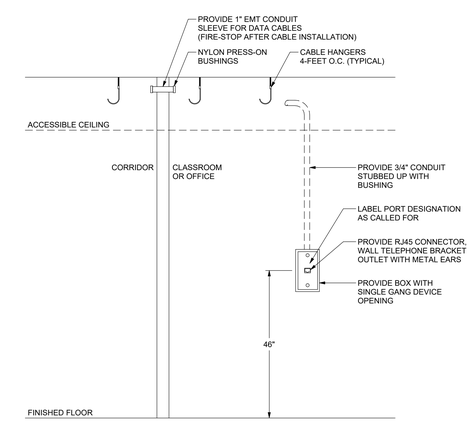
2 ROOM CONTROLLER DETAIL
NTS



DETAIL GENERAL NOTES:

A. PROVIDE ALL RACEWAY, BACKBOXES, COVERPLATES, DATA JACKS, DATA CABLING AND SLEEVES.
B. PROVIDE OPEN TOP CABLE HANGERS 4-FEET O.C. ACROSS CLASSROOM, OFFICE, AND CORRIDOR DROP CEILING SPACE IN PATHWAY OF NEW INSTALLED CABLES.
C. NOT ALL DROPS WILL BE STRAIGHT DOWN FROM THE CEILING. IN SOME CASES THE SURFACE RACEWAY WILL HAVE ELBOWS TO AVOID EXISTING BOARDS, FIELD VERIFY THE EXACT REQUIREMENTS.
D. REFER TO SPECIFICATION 260533 FOR SURFACE RACEWAY FINISH.

7 POWER/DATA SURFACE RACEWAY DETAIL
NTS



4 WALL TELEPHONE NEW CONSTRUCTION
NTS

1 INTERIOR CAMERA INSTALLATION DETAIL
NTS

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 4
SENIOR HIGH SCHOOL

750 FARM TO MARKET RD
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7954**

SED PROJECT NUMBERS:

D: MAINE-ENDWELL HS: 03-11-01-06-0-010-030

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SCALE: **AS NOTED**

DRAWING TITLE:

DETAILS - ELECTRICAL

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