MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5

HOMER BRINK ELEMENTARY SCHOOL
3618 BRIAR LANE
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

PROJECT NORTH

LOCATION MAP

▪ ENVIRONMENTAL

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860 Hooper Road
Endwell, New York 13760

P | (607) 231-6674
www.delta-eas.com

▪ SITE

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▪ STRUCTURAL

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Camillus, New York 13031

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License Expiration Date: 5/31/2029

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Endwell, New York 13760

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www.me.stier.org

ARCHITECT'S CERTIFICATION
THE UNDERSIGNED CERTIFIES THAT TO THE BEST OF THEIR KNOWLEDGE, INFORMATION AND BELIEF, THE PLANS AND PROJECT MANUAL ARE IN ACCORDANCE WITH APPLICABLE REQUIREMENTS OF THE NEW YORK STATE UNIFORM FIRE PREVENTION AND BUILDING CODE, THE STATE ENERGY CONSERVATION CONSTRUCTION CODE, CONSTRUCTION STANDARDS OF THE STATE EDUCATION DEPARTMENT, AND, IF APPLICABLE, THE NEW YORK STATE DEPARTMENT OF LABOR INDUSTRIAL CODE RULE #56.

ISSUED FOR BID - 10/12/2026

100% CONSTRUCTION DOCUMENTS

11/10/2025

KING+KING PROJECT NUMBER: 23-44-7956

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

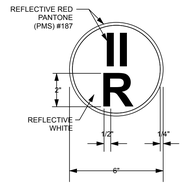
king+king ARCHITECTS

PLUMBING FIXTURE COUNT

1655 OCC.	828 FEMALE	828 MALE	
Required Fixtures	**Girls**	**Boys**	**Unisex**
Water Closets	42	42	--
Lavatories	42	14	--
Urinals	--	28	--
Drinking Fountains	--	--	17
Existing Fixtures	**Girls**	**Boys**	**Unisex**
Water Closets	5	4	32
Lavatories	5	4	32
Urinals	--	4	--
Drinking Fountains	--	--	9
New Fixtures	**Girls**	**Boys**	**Unisex**
Water Closets	--	--	4
Lavatories	--	--	4
Urinals	--	--	--
Drinking Fountains	--	--	2

Note:

1. Homer Brink actual occupancy is estimated to be 845 based on a student enrollment of 745 and 100 staff members.
2. There are 18 classrooms with Single Use Toilet Rooms directly attached to the classroom space.
3. There are 7 classrooms with Drinking Fountain within the classroom space.



PROVIDED AT ALL ZONE A NEW AND EXISTING ENTRANCES (UON)
6" DIAMETER TRUSS IDENTIFICATION SIGN IS TO BE PROVIDED AT **EACH EXISTING AND NEW EXTERIOR ENTRANCE**.
THE SIGN BACKGROUND SHALL BE REFLECTIVE WHITE IN COLOR WITH REFLECTIVE RED CONTENT AND CIRCLE.
LOCATION OF THE SIGNS SHALL BE ON THE EXTERIOR WALL NOT MORE THAN 12" FROM THE LATCH SIDE OF A DOOR AND NOT LESS THAN 42". THE SIGN SHALL BE INSTALLED AT 60" ABOVE WALKING SURFACE ADJACENT TO THE DOOR.

EMERGENCY EGRESS LEGEND:

- 36" E.W. — EXIT WIDTH PER OPENING
- RW — NEW RESCUE WINDOW LOCATIONS
- BLDG A: 2 — BUILDING AREA

RATED PARTITION LEGEND:

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

CONSTRUCTION TYPE DESIGNATIONS:

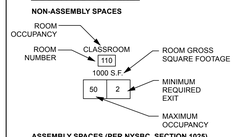
- MINIMAL / NO WORK
- ALTERATION L1
- ALTERATION L2
- ALTERATION L3
- NEW CONSTRUCTION / ADDITION

GENERAL LEGEND:

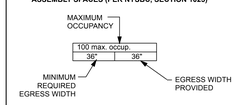
NWC/NDF	NEW WATER COOLER /DRINKING FOUNTAIN
EWC/EDF	EXG. WATER COOLER /DRINKING FOUNTAIN
N.F.E.	NEW FIRE EXTINGUISHER LOCATION
E.F.E.	EXISTING FIRE EXTINGUISHER LOCATION

OCCUPANCY LEGEND:

NON-ASSEMBLY SPACES



ASSEMBLY SPACES (PER NYSBC, SECTION 1025)



GENERAL NOTES:

SEE REFLECTED CEILING PLAN DRAWING(S) FOR SMOKE BAFFLE LOCATIONS IN NEW WORK AND RENOVATED AREAS.

MAX. FLOOR AREA ALLOWANCES PER OCCUPANT IN SQUARE FEET:
(PER 2020 BUILDING CODE OF NYS - SECTION 1004)

CLASSROOMS - 20 net
SPECIALTY CLASSROOMS - 50 net
(INCLUDES ART, MUSIC, ADVANCED EXERCISE, SIMILAR)
GYMNASIUM - 5 net
CAFETERIA - 7 net
BUSINESS AREAS - 150 gross
LIBRARY READING AREAS - 50 net
LIBRARY STACK AREAS - 100 gross
AUDITORIUMS - 7 net
KITCHEN - 200 gross
ACCESSORY STORAGE/MECHANICAL - 300 gross

MAXIMUM CORRIDOR TRAVEL DISTANCE TO EXITS IN FEET (PER NYSED MANUAL OF PLANNING STANDARDS - S107-1):

- 150 FEET @ GROUND FLOOR
- 120 FEET @ OTHER THAN GROUND FLOOR

NOTE: TRAVEL DISTANCES COMPLY W/ THESE REQUIREMENTS.

MAXIMUM DISTANCE BETWEEN FIRE EXTINGUISHERS (F.E.):

- 75 FEET @ CORRIDORS/LOBBY/STAIR

NOTE: NEW F.E. DISTANCES COMPLY W/ THESE REQUIREMENTS.

MAXIMUM DISTANCE FROM STAIRWAY ENCLOSURE DOOR TO EXTERIOR DOOR:

- 50 FEET

NOTE: ALL EXIT DISTANCES COMPLY WITH NYSED MANUAL OF PLANNIGN STANDARDS- S108-1c

CORRIDOR FIRE RESISTANCE RATINGS (PER 2020 BUILDING CODE OF NYS - SECTION 1020):

- 1 HOUR min.

FIRE APPARATUS ACCESS ROADS HAVE BEEN PROVIDED TO COMPLY WITH SECTION 500 "FIRE SERVICE FEATURE" SUCH THAT FIRE APPARATUS CAN SERVE ALL POINTS OF THE BUILDING. REFER TO DRAWING G0.01 FOR DETAILED INFORMATION.

ALL NEW WORK COMPLIES W/ THE "AMERICAN W/ DISABILITIES ACT" & "ARCHITECTURAL BARRIERS ACT" (PER JULY 23, 2004 ACCESSIBILITY GUIDELINES). SEE SITE PLANS FOR ALL SITE RELATED WORK & SEE ARCHITECTURAL PLANS FOR INTERIOR ADA COMPLIANCE.

RESCUE WINDOW REQUIREMENTS

1. RESCUE WINDOWS HAVE A MINIMUM CLEAR OPENING AREA OF 6 SF WITH A MINIMUM DIMENSION OF 24". REFER TO CODE PLAN FOR RESCUE WINDOW LOCATIONS.
2. RESCUE WINDOWS HAVE A TYPICAL STOOL HEIGHT OF 34" MAX U.N.O.
3. SCREENS, IF SPECIFIED, ARE HINGED OR SLIDING AND OPERABLE FROM THE INSIDE, BY ONE HAND, WITHOUT THE USE OF A KEY OR OTHER DEVICE.
4. RESCUE WINDOW LABELS WILL BE POSTED ON ALL RESCUE WINDOWS. LABELS TO BE 3" X 5" IN SIZE WITH A BRIGHT YELLOW BACKGROUND AND BLACK "RESCUE WINDOW" TEXT READABLE FROM BOTH SIDES OF THE GLASS AND WINDOW TREATMENT.

BUILDING INFORMATION

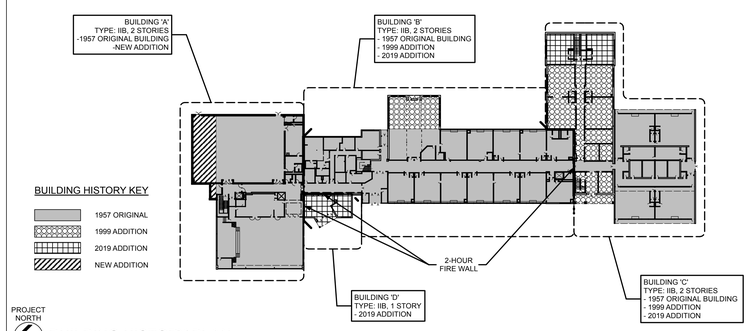
OCCUPANCY CLASSIFICATION:	Group E - Educational
(PER 2020 BUILDING CODE OF NYS - SECTION 305)	
CONSTRUCTION CLASSIFICATION:	
EXISTING:	IIB
NEW:	IIB
SITE ACCESSIBLE:	4 Sides
ALLOWABLE BLDG. AREA:	See "Building Areas" schedule - this sheet
ACTUAL BLDG. AREA:	See "Building Areas" schedule - this sheet
ALLOWABLE HEIGHT IN STORIES:	3
(PER 2020 BUILDING CODE OF NYS - SECTION 504)	
ACTUAL HEIGHT IN STORIES:	2
ROOM SQUARE FOOTAGES:	Shown on this sheet

NORTH
E5 / B G0.01 — SITE ACCESSIBLE PLAN - AERIAL IMAGE
Scale: Not to Scale

BUILDING AREAS

DESIGNATION	ALLOWABLE AREA*	ALLOWABLE AREA + AREA MODIFICATION*	EXISTING AREA	AREA OF ADDITIONS	TOTAL ACTUAL AREA
GROUND FLOOR					
BUILDING AREA A	14,500 SF	23,925 SF	8,554 SF	1,587 SF	10,141 SF
BUILDING AREA B	14,500 SF	22,330 SF	0 SF	0 SF	0 SF
BUILDING AREA C	14,500 SF	23,200 SF	0 SF	0 SF	0 SF
BUILDING AREA D	14,500 SF	17,690 SF	0 SF	0 SF	0 SF
GROUND FLOOR TOTALS	**58,000 SF**	**89,175 SF**	**8,554 SF**	**1,587 SF**	**10,141 SF**
FIRST FLOOR					
BUILDING AREA A	14,500 SF	23,925 SF	15,443 SF	2,083 SF	17,526 SF
BUILDING AREA B	14,500 SF	22,330 SF	22,112 SF	0 SF	22,112 SF
BUILDING AREA C	14,500 SF	23,200 SF	18,952 SF	0 SF	18,952 SF
BUILDING AREA D	14,500 SF	17,690 SF	1,808 SF	0 SF	1,808 SF
FIRST FLOOR TOTALS	**58,000 SF**	**89,175 SF**	**58,315 SF**	**2,083 SF**	**60,398 SF**
SECOND FLOOR					
BUILDING AREA A	14,500 SF	23,925 SF	0 SF	0 SF	0 SF
BUILDING AREA B	14,500 SF	22,330 SF	18,656 SF	0 SF	18,656 SF
BUILDING AREA C	14,500 SF	23,200 SF	9,946 SF	0 SF	9,946 SF
BUILDING AREA D	14,500 SF	17,690 SF	0 SF	0 SF	0 SF
SECOND FLOOR TOTALS	**58,000 SF**	**89,175 SF**	**26,602 SF**	**0 SF**	**26,602 SF**
				TOTAL BUILDING AREA	**97,141 SF**

* Per Section 505.2 of the IBC, Mezzanines and Equipment Platforms shall not contribute to the Building Area



PROJECT NORTH
BUILDING HISTORY 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 LEGTH OF LINTELS WILL BE OBTAINED. COORDINATE WITH ARCHITECTURAL PLANS, DETAILS, END BEARING REQUIREMENTS AND DIVISION 23.

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

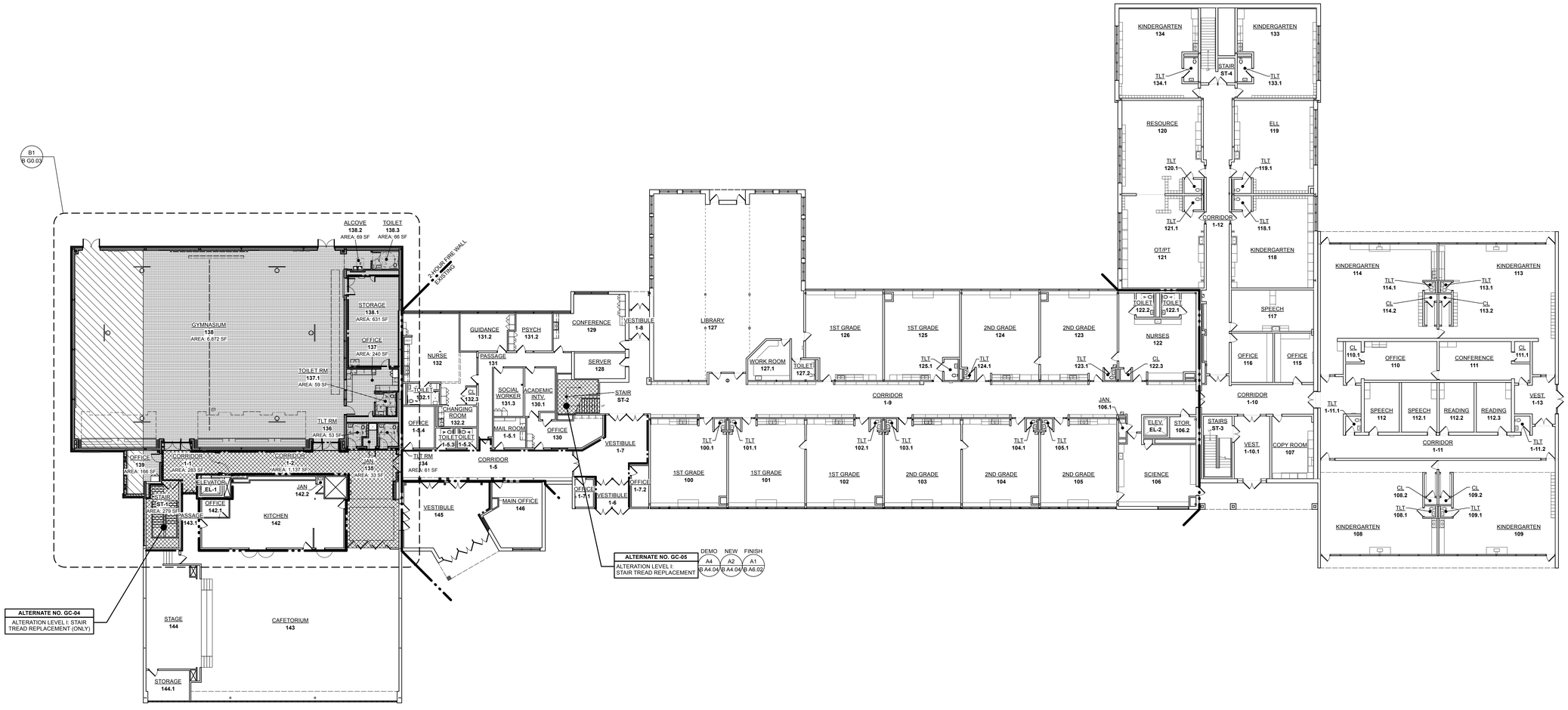
GENERAL STRUCTURAL NOTES - ALL TRADES

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 OPENINGS WHEREVER POSSIBLE.

4. WHERE CORE-DRILLING IS NOT PRACTICAL, CUT OPENING 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.



PROJECT NORTH
A1 / B G0.01 — OVERALL 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.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL
3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TAYLOR D. 37554 STATE OF NEW YORK
License Expiration Date: 5/31/2029

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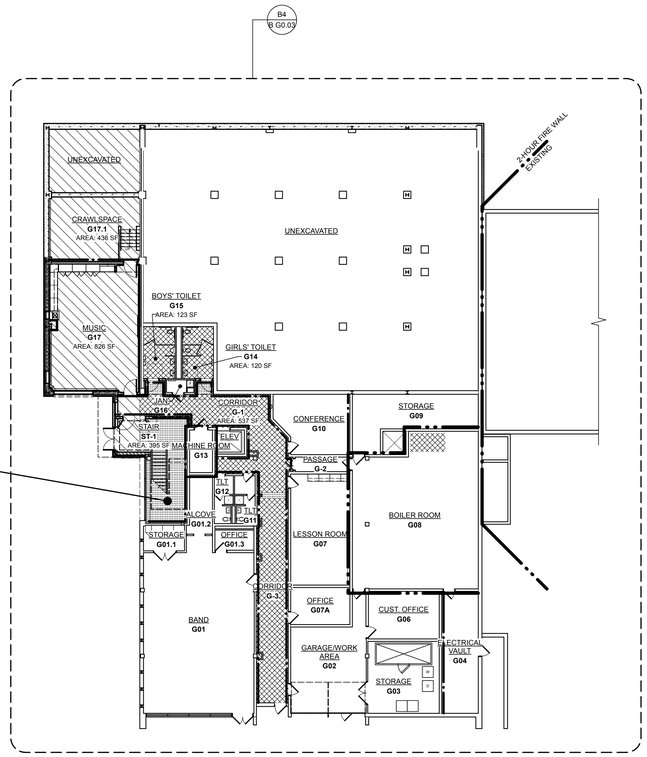
MARK	DATE	DESCRIPTION
	10/12/2026	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS
DRAWING DATE: **11/10/2025**
DRAWN BY: **EMR**
SCALE: **Sheet Scale**
DRAWING TITLE:

CODE COMPLIANCE PLAN - FIRST FLOOR

B G0.01



ALTERNATE NO. GC-04
ALTERATION LEVEL I: STAIR TREAD REPLACEMENT (ONLY)

PROJECT NORTH

C3 / B G0.02 OVERALL 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.

BUILDING ENVELOPE INSULATION VALUES

BROOME COUNTY
CLIMATE ZONE: **6A** (NYS ECCC, FIG. 301.1)

ROOF SYSTEM
MINIMUM REQUIRED ROOF ASSEMBLY "R-VALUE": **30ci**

ROOFING COMPONENTS
(GLAZED AREA OF WALLS @ 10% - 25%)

		"R VALUE"
OUTSIDE AIR FILM		0.10
EPDM MEMBRANE		0.00
1/2" COVER BOARD		2.50
6.0" POLYISO INSULATION BOARD		34.80
(TABLE 802.2 (5) - NYS ECCC - MIN. R=20)		
VAPOR BARRIER (ICE & WATER SHIELD)		0.12
5/8" SUBSTRATE BOARD		1.50
STRUCTURAL DECK		0.00
INSIDE AIR FILM		0.61
Rt	=	**39.63**
U	=	**0.025**

EXTERIOR WALL SYSTEM - TYPE A: MASS WALLS, ABOVE GRADE
MINIMUM REQUIRED EXTERIOR WALL "R-VALUE": **R-13.3ci** (NYS ECCC, TABLE 402.13)

WALL COMPONENTS		"R-VALUE"
OUTSIDE AIR FILM		0.17
FACE BRICK		0.44
AIR CAVITY		0.97
2-1/2" EXTRUDED POLYSTYRENE (XPS)[R-5.0 PER INCH]		12.50
VAPOR BARRIER		0.12
9-5/8" CMU		1.80
INTERIOR AIR FILM		0.68
Rt	=	**16.68**
U	=	**0.060**

EXTERIOR WALL SYSTEM - TYPE B: METAL FRAMED WALLS, ABOVE GRADE
MINIMUM REQUIRED EXTERIOR WALL "R-VALUE": **R-13 +R-7.5ci** (NYS ECCC, TABLE 402.13)

WALL COMPONENTS		"R-VALUE"
OUTSIDE AIR FILM		0.17
FACE BRICK		0.44
AIR CAVITY		0.97
2-1/2" EXTRUDED POLYSTYRENE (XPS)[R-5.0 PER INCH]		12.50
VAPOR BARRIER		0.12
5/8" SUBSTRATE BOARD		0.67
8" METAL STUDS		0.00
8" BATT INSULATION		32.00
5/8" GYPSUM BOARD		0.56
INTERIOR AIR FILM		0.68
Rt	=	**48.11**
U	=	**0.021**

EXTERIOR WALL SYSTEM - TYPE C: METAL FRAMED WALLS, ABOVE GRADE
MINIMUM REQUIRED EXTERIOR WALL "R-VALUE": **R-13 +R-7.5ci** (NYS ECCC, TABLE 402.13)

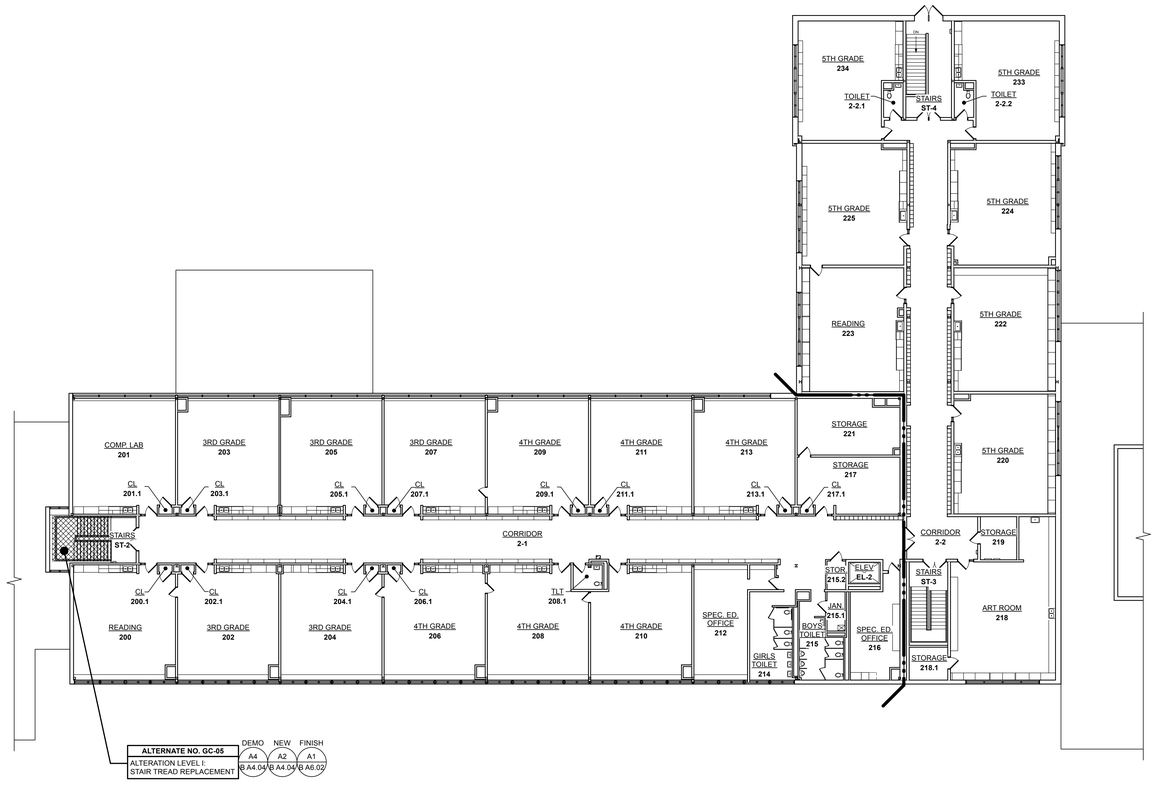
WALL COMPONENTS		"R-VALUE"
OUTSIDE AIR FILM		0.17
STONE PANEL		0.00
2" STONEWOOL INSULATION BOARD		8.40
VAPOR BARRIER		0.12
5/8" SUBSTRATE BOARD		0.67
8" METAL STUDS		0.00
8" BATT INSULATION		32.00
5/8" GYPSUM BOARD		0.56
INTERIOR AIR FILM		0.68
Rt	=	**42.66**
U	=	**0.023**

EXTERIOR WALL SYSTEM - TYPE D1: METAL FRAMED WALLS, ABOVE GRADE
MINIMUM REQUIRED EXTERIOR WALL "R-VALUE": **R-13 +R-7.5ci** (NYS ECCC, TABLE 402.13)

WALL COMPONENTS		"R-VALUE"
OUTSIDE AIR FILM		0.17
HIGH PRESSURE LAMINATE PANEL		0.00
2" STONEWOOL INSULATION BOARD		8.40
VAPOR BARRIER		0.12
5/8" SUBSTRATE BOARD		0.67
8" METAL STUDS		0.00
8" BATT INSULATION		32.00
5/8" GYPSUM BOARD		0.56
INTERIOR AIR FILM		0.68
Rt	=	**42.66**
U	=	**0.023**

EXTERIOR WALL SYSTEM - TYPE D2: METAL FRAMED WALLS, ABOVE GRADE
MINIMUM REQUIRED EXTERIOR WALL "R-VALUE": **R-13 +R-7.5ci** (NYS ECCC, TABLE 402.13)

WALL COMPONENTS		"R-VALUE"
OUTSIDE AIR FILM		0.17
HIGH PRESSURE LAMINATE PANEL		0.00
4" STONEWOOL INSULATION BOARD		16.80
VAPOR BARRIER		0.12
5/8" SUBSTRATE BOARD		0.67
8" METAL STUDS		0.00
8" BATT INSULATION		32.00
INTERIOR AIR FILM		0.68
Rt	=	**50.44**
U	=	**0.020**



ALTERNATE NO. GC-05	DEMO	NEW	FINISH
ALTERATION LEVEL I: STAIR TREAD REPLACEMENT	A4 / B A4.04	A2 / B A4.04	A1 / B A6.02

PROJECT NORTH

A3 / B G0.02 OVERALL 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 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARGET No. 37542 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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MARK	DATE	DESCRIPTION
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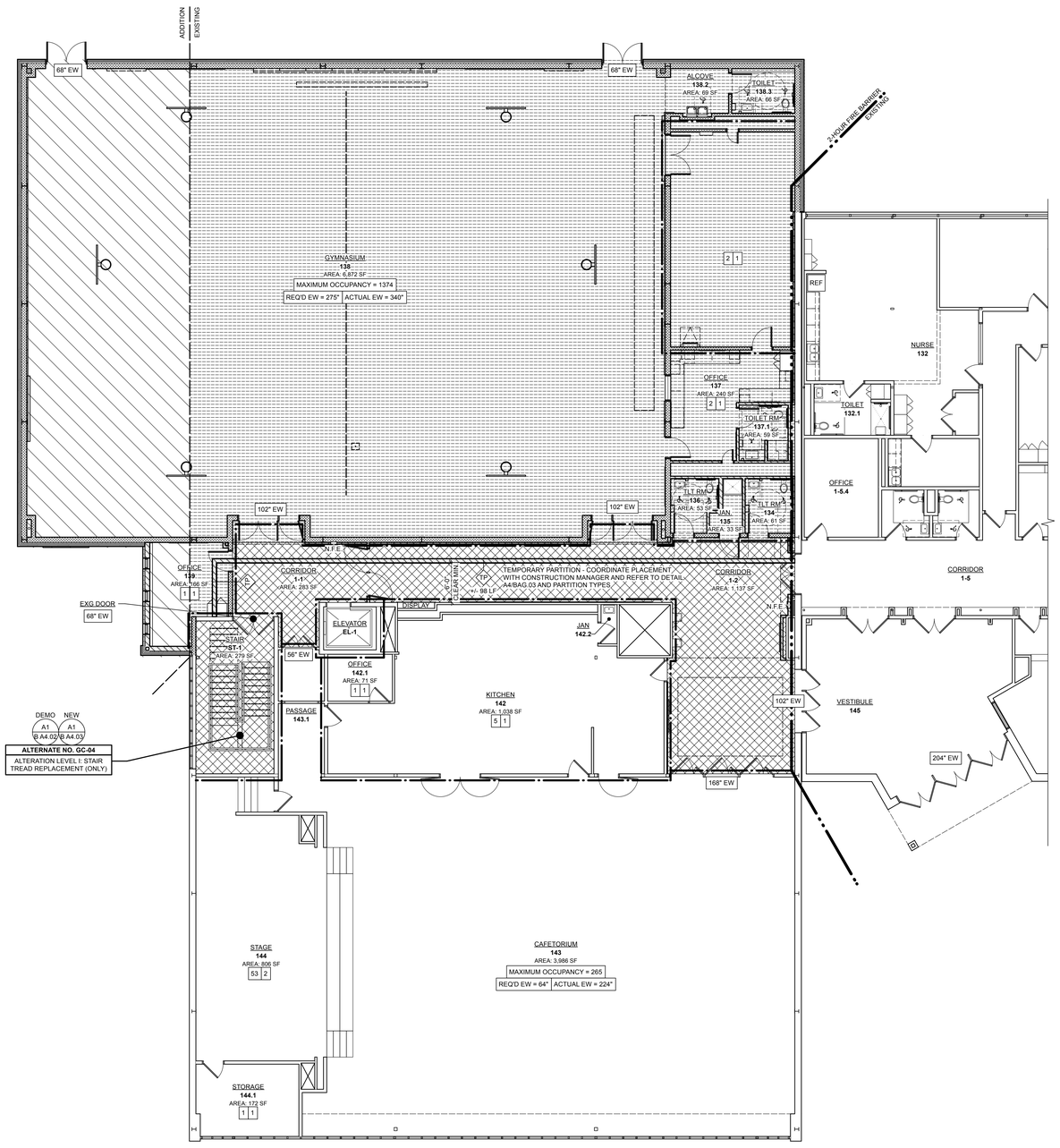
100% CONSTRUCTION DOCUMENTS
DRAWING DATE: **11/10/2025**
DRAWN BY: **EMR**

SCALE: **Sheet Scale**
DRAWING TITLE:

CODE COMPLIANCE PLANS - GROUND & SECOND FLOOR

B G0.02

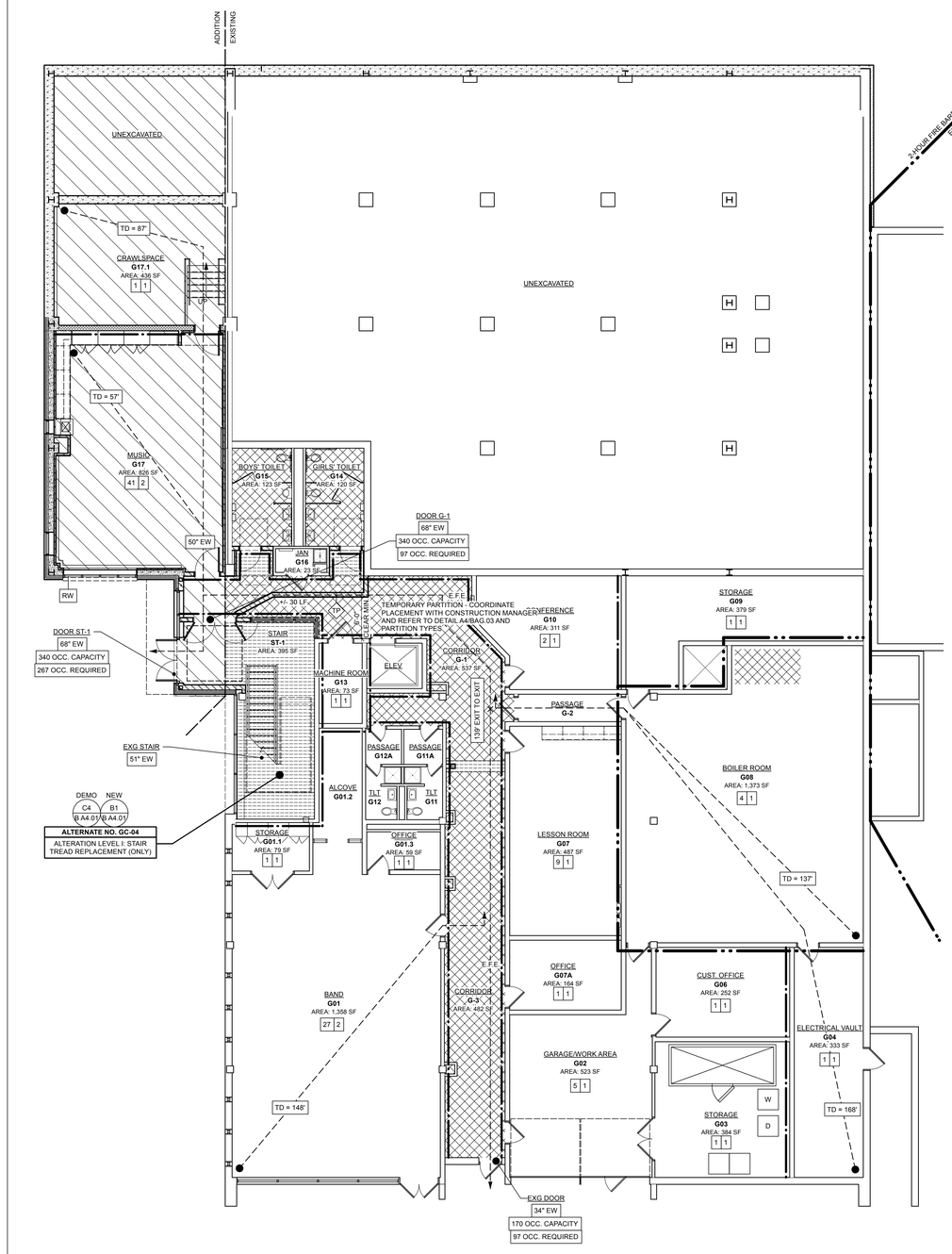


PROJECT NORTH

B1 / B G0.03 ENLARGED CODE COMPLIANCE PLAN - FIRST FLOOR - AREA 'A'

Scale: 1/8" = 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.

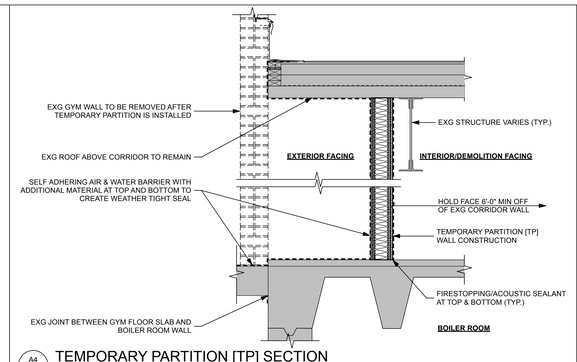


PROJECT NORTH

B4 / B G0.03 ENLARGED CODE COMPLIANCE PLAN - GROUND FLOOR - AREA 'A'

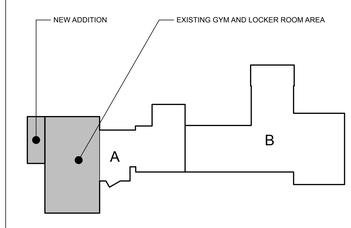
Scale: 1/8" = 1'-0"

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.



A4 / B G0.03 TEMPORARY PARTITION [TP] SECTION

Scale: 3/4" = 1'-0"



PROJECT NORTH

KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7906**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARGETT LICENSE NO. 37524 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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MARK	DATE	DESCRIPTION
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DRAWING DATE: **11/10/2025**

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SCALE: **Sheet Scale**

DRAWING TITLE:

ENLARGED CODE COMPLIANCE PLANS - GROUND & FIRST FLOOR

B G0.03

SURVEY NOTES - HOMER BRINK ES

BOUNDARY AND TOPOGRAPHIC INFORMATION WAS TAKEN FROM THE FOLLOWING:

TITLE "TOPOGRAPHIC SURVEY, HOMER BRINK ES, TOWN OF UNION, BROOME COUNTY, NEW YORK STATE, TOPOGRAPHIC SURVEY", PREPARED BY HULBERT ENGINEERING AND LAND SURVEYING, DPC, CENTRE PLAZA, 93 CHENANGO STREET, 8TH FLOOR, BINGHAMPTON, NEW YORK 13901-2805, PHONE: (607)723-0799.

MAP REFERENCES (NEED UPDATE):

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

2) ASSESSOR'S TAX MAP, SECTION 142.11, TOUN OF UNION, BROOME COUNTY, NEW YORK, MAP DATE 03/31/2022, LAST REVISED 05/10/2021.

3) "PROPOSED SUBDIVISION, PARTRIDGE PLACE, TOUN 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 #2583 IN PLAT CABINET III AT SLEEVE 250A.

4) "SUBDIVISION NO. 25, HILLTOP ACRES, TOUN OF UNION-BROOME COUNTY, NEW YORK", DATED 09/30/1971, PREPARED BY C. J. WINTERBERGER, RECORDED IN THE BROOME COUNTY CLERK'S OFFICE 01/22/1972 AS MAP #913 IN BOOK OF MAPS 30 AT PAGE 193.

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

8) ASSESSOR'S TAX MAP, SECTION 142.11, TOUN OF UNION, BROOME COUNTY, NEW YORK, MAP DATE 03/31/2022, LAST REVISED 05/10/2021.

9) "PROPOSED SUBDIVISION, PARTRIDGE PLACE, TOUN 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 #2583 IN PLAT CABINET III AT SLEEVE 250A.

10) "SUBDIVISION NO. 25, HILLTOP ACRES, TOUN OF UNION-BROOME COUNTY, NEW YORK", DATED 09/30/1971, PREPARED BY C. J. WINTERBERGER, RECORDED IN THE BROOME COUNTY CLERK'S OFFICE 01/22/1972 AS MAP #913 IN BOOK OF MAPS 30 AT PAGE 193.

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 #: 11072-001-014.

BENCHMARKS:

BM-50 : IS A 'X' CHISELED ON THE NORTHEAST SIDE OF CONCRETE BASE FOR A LIGHT POST LOCATED ON THE SOUTHERLY ROAD BOUNDARY OF PRUYNE STREET 38 FEET MORE OF LESS WEST OF THE ENTRANCE TO THE PLAYGROUND PARKING LOT.
ELEV. = 939.13 (NAVD88)

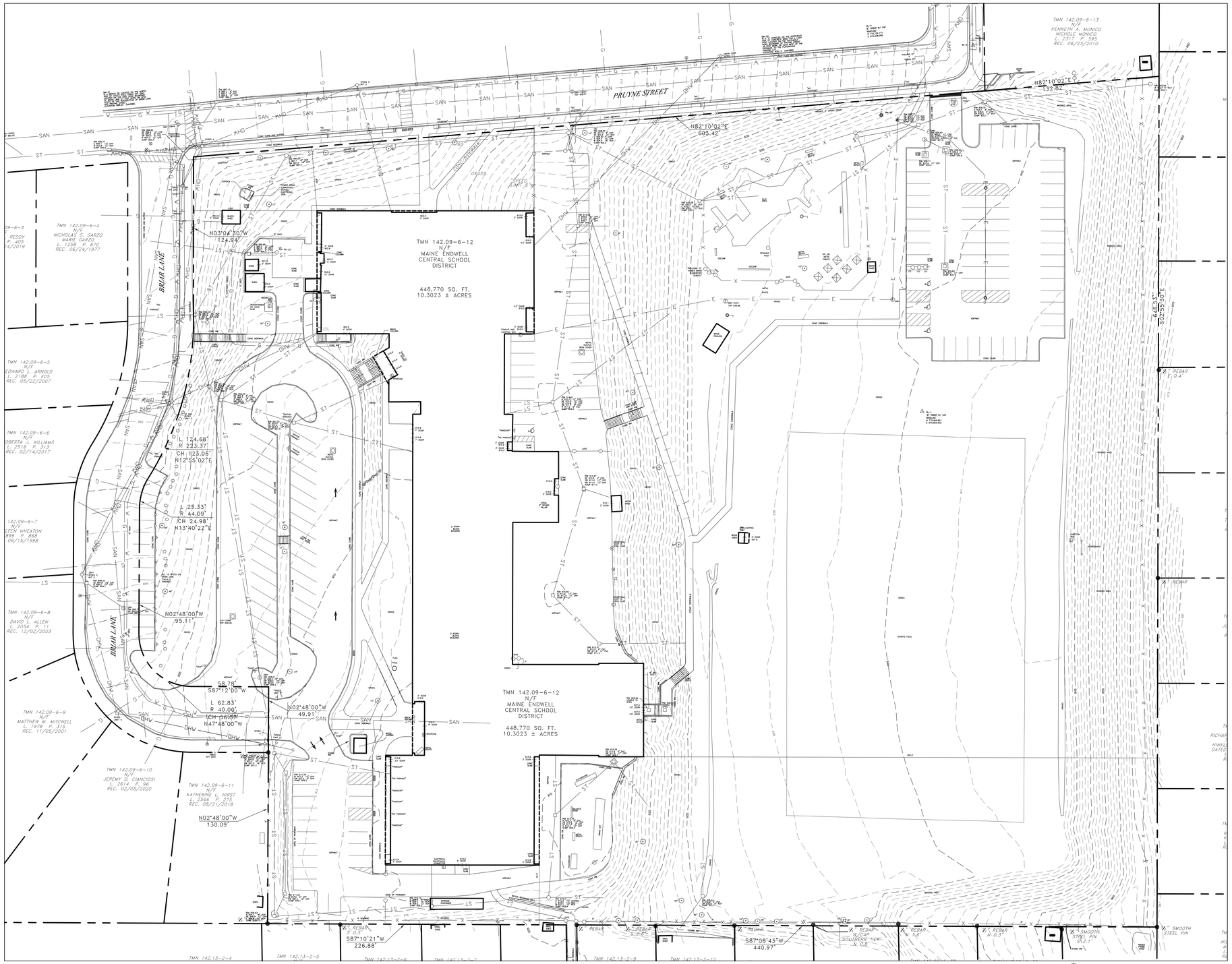
BM-51 : IS A BENCH TIE LOCATED ON THE NORTH SIDE OF UTILITY POLE #88550 NYT 2941 LOCATED ON THE EAST ROAD BOUNDARY OF BRIAR LANE 27 FEET MORE OR LESS SOUTH OF THE INTERSECTION OF BRIAR LANE AND PRUYNE STREET.
ELEV. = 888.53 (NAVD88)

SURVEY VERIFICATION/COORDINATION - HOMER BRINK ES

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 - HOMER BRINK ES

LOT	EXISTING	PROPOSED	HC
WEST PARKING LOTS	68	68 (NO CHANGE)	4
EAST PARKING LOT	29	29 (NO CHANGE)	1
UPPER EAST PARKING LOT	60	60 (NO CHANGE)	3
TOTAL CAR PARKING	157	157	8 (7 REQ.)



SITE SURVEY - HOMER BRINK ES

NORTH

0 15 30 60 90
SCALE IN FEET

LEGEND - HOMER BRINK ES

EXISTING	PROPOSED	DESCRIPTION
	CLL	CONTRACT LIMIT LINE
		STREET LINE / PROPERTY EDGE
100	100	CONTOUR
		CONCRETE / GRANITE CURB
		PAVEMENT EDGE
		SAWCUT LINE
		FENCE REMOVAL
		UTILITY REMOVAL
OU		OVERHEAD WIRES
W		WATER LINE
G		GAS LINE
T		BURIED TELEPHONE LINE
UU		BURIED FIBER OPTIC LINE
UE		BURIED ELECTRIC LINE
SAN		SANITARY SEWER - SIZE / TYPE
ST	18" ST	STORM SEWER - SIZE / TYPE
	4" SMT	STORMWATER MANAGEMENT TRENCH
		UTILITY POLE
		UTILITY POLE WITH LIGHT
		GUY WIRE
UP		LIGHT POLE
E		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
		WATER VALVE
DS		CATCH BASIN / STORM INLET
	MH	STORM MANHOLE / DRYWELL
		SANITARY MANHOLE
CO RD		CLEANOUT / ROOF DRAIN
GAS		GAS VALVE
CHAIN LINK FENCE	4' CL FENCE	VINYL CLAD CHAIN LINK FENCE
x257.25	x456.50	SPOT GRADE
	F.V.	FIELD VERIFY
	TYP	TYPICAL
	FD	FOOTING DRAIN
	INV.	INVERT
	FFE	FINISH FLOOR ELEVATION
	FG	FINISHED GRADE
	ALT.	ALTERNATE
	T/B	TOP/BOTTOM OF CURB
	TS/BS	TOP/BOTTOM OF STAIR
	TR/BR	TOP/BOTTOM OF RAMP
	TW/BW	TOP/BOTTOM OF WALL
	TP/BP	TOP/BOTTOM OF TEMP. SHEET PILING
	CE	CURB CUT / CURB ENDING
CC		EDGE OF WOODS
		TREES / SHRUBS
		DRAINAGE FLOW DIRECTION
		DETAIL FLAG
		CONSTRUCTION NOTE
		REMOVE EXISTING PAVEMENT
		ASPHALT SEALCOAT
	MDA	HEAVY DUTY ASPHALT
	HDA	HEAVY DUTY ASPHALT
		STANDARD CONCRETE WALK WITH SCORING
		BUILDING ADDITION
		LAWN - 4" TOPSOIL AND SOD
	SF	SILT FENCE
	CWF	CONCRETE WASHOUT FACILITY
		TREE REMOVAL

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

appel osborne landscape architecture
102 West Division Street, Suite 200
Syracuse, NY 13204 | (315) 476-2012

REGISTERED LANDSCAPE ARCHITECT
JOHN MICHAEL TIERNEY
002097
STATE OF NEW YORK

Registration current through 5/30/2028

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	10/12/2026	ISSUED FOR BID

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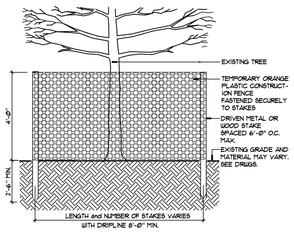
DRAWING DATE: **11/10/2025**
DRAWN BY: **BM / AP**
SCALE: **AS NOTED**
DRAWING TITLE:
SITE SURVEY

B L0.01



NOTES:
1. PLACE TREE GUARD AT DRIP LINE OF TREE (END OF BRANCHES) MIN. 4' FROM ¢ OF TRUNK.
2. MEDIUM/LARGE TREES - CONSTRUCT AS POLYGON AROUND DRIP LINE.
3. SMALL TREES - CONSTRUCT AS SQUARE AROUND DRIP LINE, OR MIN. 4' FROM ¢ OF TRUNK, WHICHEVER IS GREATER.

TEMPORARY TREE PROTECTION - FENCE
SECTION - NOT TO SCALE 290-001A
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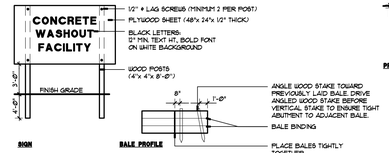

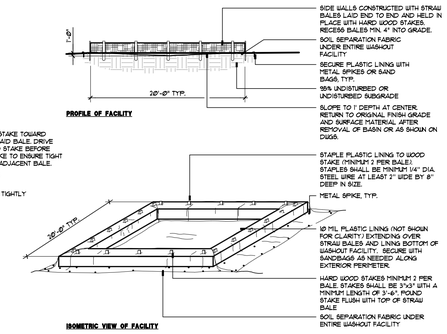

TEMPORARY CONCRETE WASHOUT FACILITY - CWF
SECTION - NOT TO SCALE 325-016
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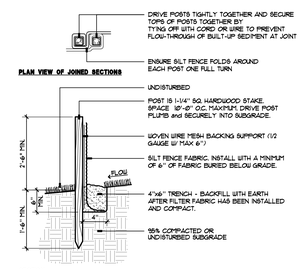

SILT FENCE = SF
SECTION - NOT TO SCALE 325-004
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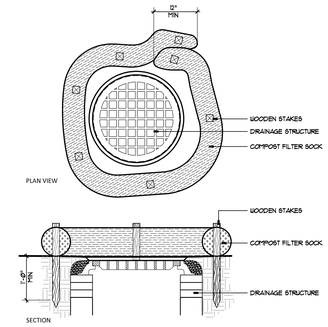

NOTES:
1. WHEN PLACED IN PAVED AREAS, USE CONCRETE BLOCKS OR SANDBAGS TO ANCHOR THE FILTER SOCK IN LIEU OF STAKES.

STORM STRUCTURE PROTECTION
SECTION - NOT TO SCALE 325-001
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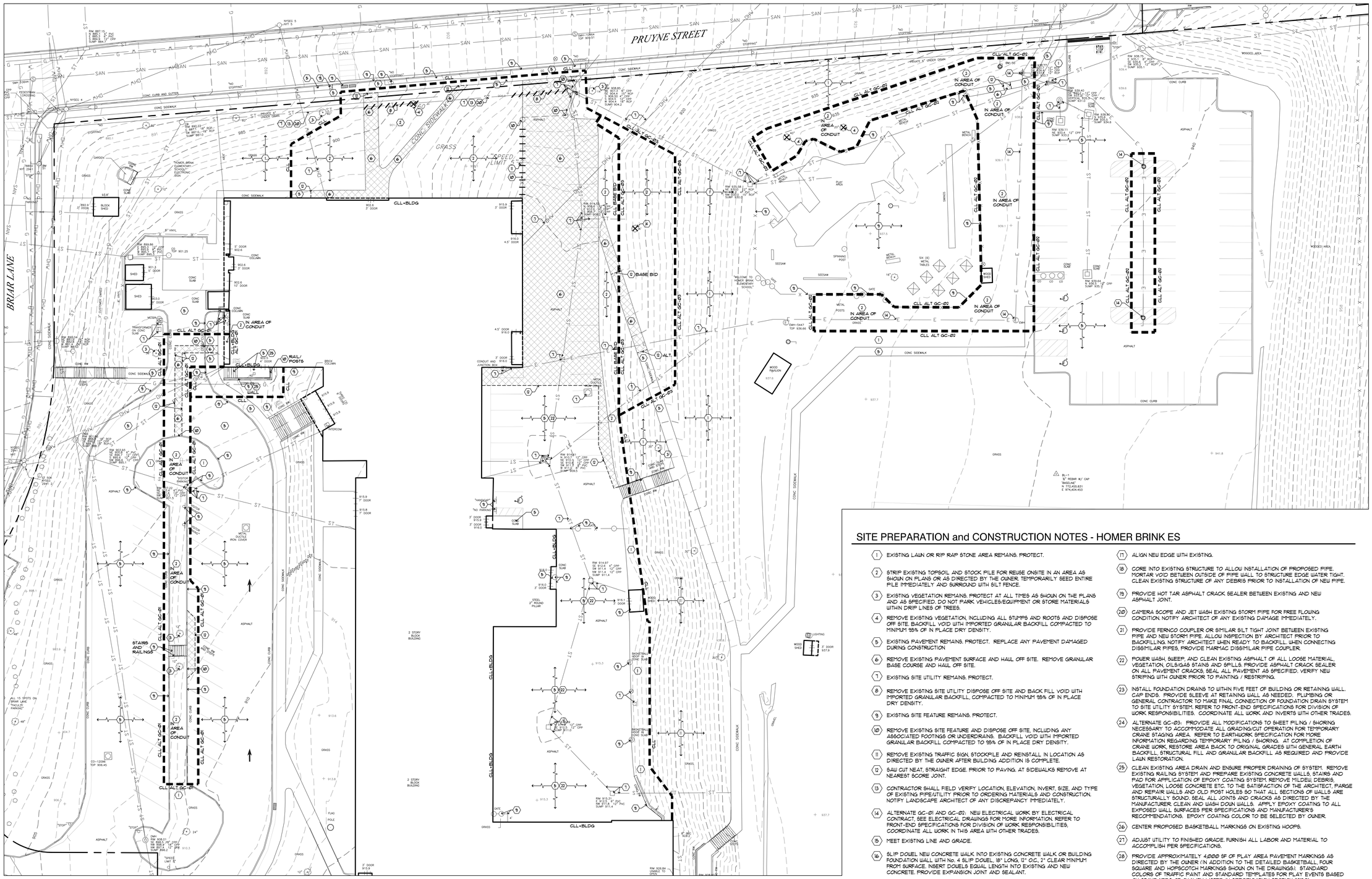

SITE PREPARATION and CONSTRUCTION NOTES - HOMER BRINK ES

1. EXISTING LAWN OR RIP RAP STONE 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. REMOVE EXISTING VEGETATION, INCLUDING ALL STUMPS AND ROOTS AND DISPOSE OFF SITE. BACKFILL VOID WITH IMPORTED GRANULAR BACKFILL COMPACTED TO MINIMUM 95% OF IN PLACE DRY DENSITY.
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 TRAFFIC SIGN, STOCKPILE AND REINSTALL IN LOCATION AS DIRECTED BY THE OWNER AFTER BUILDING ADDITION IS COMPLETE.
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. ALTERNATE GC-01 AND GC-02: NEW ELECTRICAL WORK BY ELECTRICAL CONTRACT, SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION. REFER TO FRONT-END SPECIFICATIONS FOR DIVISION OF WORK RESPONSIBILITIES, COORDINATE ALL WORK IN THIS AREA WITH OTHER TRADES.
15. MEET EXISTING LINE AND GRADE.
16. SLIP DOUEL NEW CONCRETE WALK INTO EXISTING CONCRETE WALK OR BUILDING FOUNDATION WALL WITH NO. 4 SLIP DOUEL, 18" LONG, 12" O.C., 2" CLEAR MINIMUM FROM SURFACE. INSERT DOUELS EQUAL LENGTH INTO EXISTING AND NEW CONCRETE. PROVIDE EXPANSION JOINT AND SEALANT.
17. ALIGN NEW EDGE WITH EXISTING.
18. 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.
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. POWER WASH, SWEEP, AND CLEAN EXISTING ASPHALT OF ALL LOOSE MATERIAL, VEGETATION, OIL&/GAS STAINS AND SPILLS. PROVIDE ASPHALT CRACK SEALER ON ALL PAVEMENT CRACKS, SEAL ALL PAVEMENT AS SPECIFIED. VERIFY NEW STRIPING WITH OWNER PRIOR TO PAINTING / RESTRIPING.
23. INSTALL FOUNDATION DRAINS TO WITHIN FIVE FEET OF BUILDING OR RETAINING WALL. CAP ENDS. PROVIDE SLEEVE AT RETAINING WALL AS NEEDED. PLUMBING OR GENERAL CONTRACTOR TO MAKE FINAL CONNECTION OF FOUNDATION DRAIN SYSTEM TO SITE UTILITY SYSTEM. REFER TO FRONT-END SPECIFICATIONS FOR DIVISION OF WORK RESPONSIBILITIES. COORDINATE ALL WORK AND INVERTS WITH OTHER TRADES.
24. ALTERNATE GC-03: PROVIDE ALL MODIFICATIONS TO SHEET PILING / SHORING NECESSARY TO ACCOMMODATE ALL GRADING/CUT OPERATION FOR TEMPORARY CRANE STAGING AREA. REFER TO EARTHWORK SPECIFICATION FOR MORE INFORMATION REGARDING TEMPORARY PILING / SHORING. AT COMPLETION OF CRANE WORK, RESTORE AREA BACK TO ORIGINAL GRADES WITH GENERAL EARTH BACKFILL, STRUCTURAL FILL AND GRANULAR BACKFILL AS REQUIRED AND PROVIDE LAWN RESTORATION.
25. CLEAN EXISTING AREA DRAIN AND ENSURE PROPER DRAINING OF SYSTEM. REMOVE EXISTING RAILING SYSTEM AND PREPARE EXISTING CONCRETE WALLS, STAIRS AND PAD FOR APPLICATION OF EPOXY COATING SYSTEM. REMOVE MILDEW, DEBRIS, VEGETATION, LOOSE CONCRETE ETC. TO THE SATISFACTION OF THE ARCHITECT. PARGE AND REPAIR WALLS AND OLD POST HOLES SO THAT ALL SECTIONS OF WALLS ARE STRUCTURALLY SOUND. SEAL ALL JOINTS AND CRACKS AS DIRECTED BY THE MANUFACTURER. CLEAN AND WASH DOWN WALLS. APPLY EPOXY COATING TO ALL EXPOSED WALL SURFACES PER SPECIFICATIONS AND MANUFACTURER'S RECOMMENDATIONS. EPOXY COATING COLOR TO BE SELECTED BY OWNER.
26. CENTER PROPOSED BASKETBALL MARKINGS ON EXISTING HOOPS.
27. ADJUST UTILITY TO FINISHED GRADE. FURNISH ALL LABOR AND MATERIAL TO ACCOMPLISH PER SPECIFICATIONS.
28. PROVIDE APPROXIMATELY 4,000 SF OF PLAY AREA PAVEMENT MARKINGS AS DIRECTED BY THE OWNER (IN ADDITION TO THE DETAILED BASKETBALL, FOUR SQUARE AND HOPSCOTCH MARKINGS SHOWN ON THE DRAWINGS). STANDARD COLORS OF TRAFFIC PAINT AND STANDARD TEMPLATES FOR PLAY EVENTS BASED ON STANDARDS OF QUALITY LISTED IN SPECIFICATION SECTION 32120I.

SITE PREPARATION PLAN - HOMER BRINK ES

NORTH

0 10 20 40 60
SCALE IN FEET

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7956

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

appel osborne landscape architecture
133 West Division Street, Suite 100
Syracuse, NY 13204 | (315) 474-1012

REGISTERED LANDSCAPE ARCHITECT
MICHAEL JAMES APPEL
002001
STATE OF NEW YORK

Registration current through 9/30/2028

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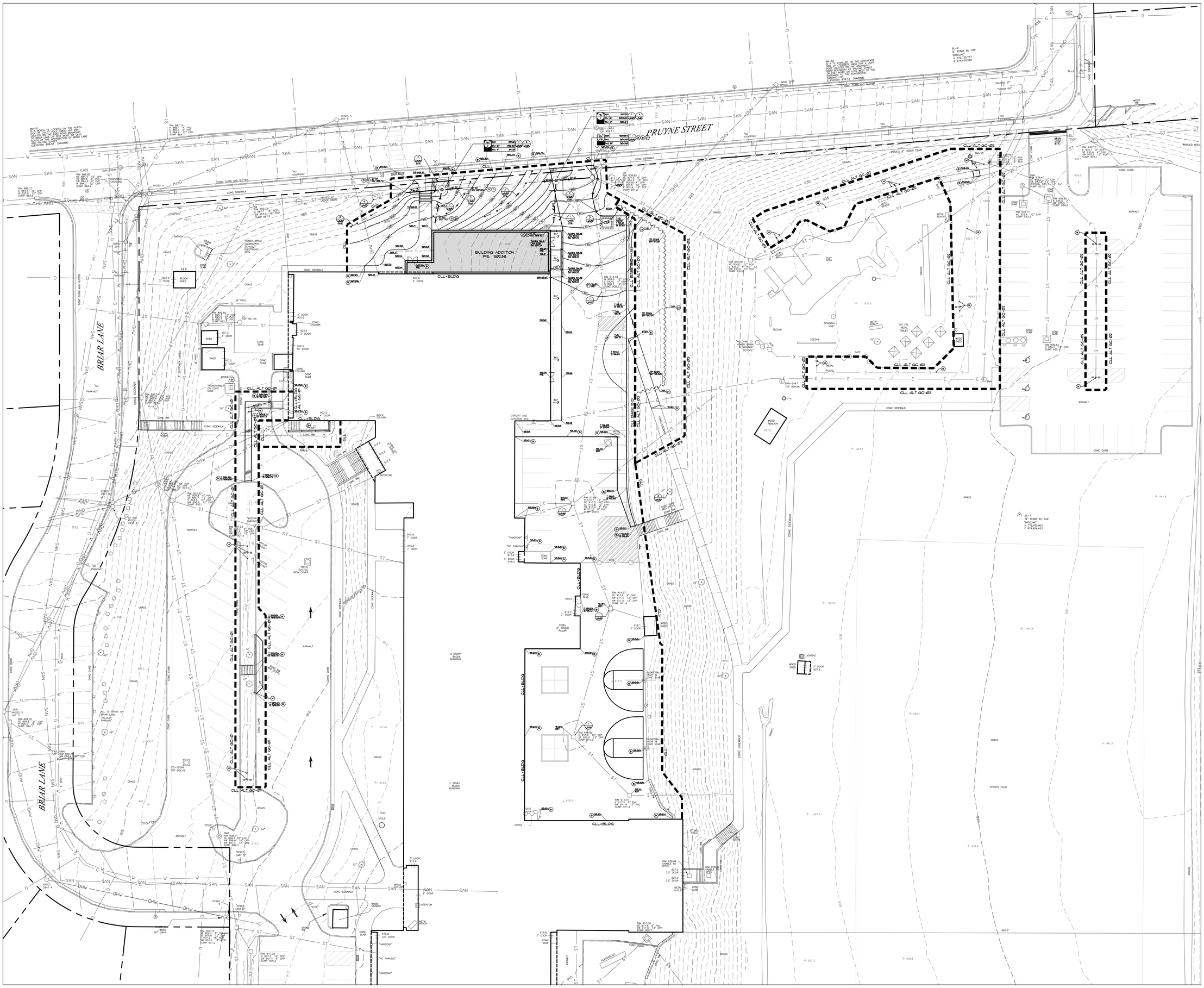
DRAWING DATE: 11/10/2025
DRAWN BY: BM / AP
SCALE: AS NOTED
DRAWING TITLE:
SITE PREPARATION PLAN

B L0.02



GRADING and DRAINAGE PLAN - HOMER BRINK ES

NORTH

0 10 20 40 60
SCALE IN FEET

king + king
ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

appel osborne landscape architecture
Binghamton, NY 13904 | (607) 648-1222

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CARL MICHAEL JENNER
002097
STATE OF NEW YORK

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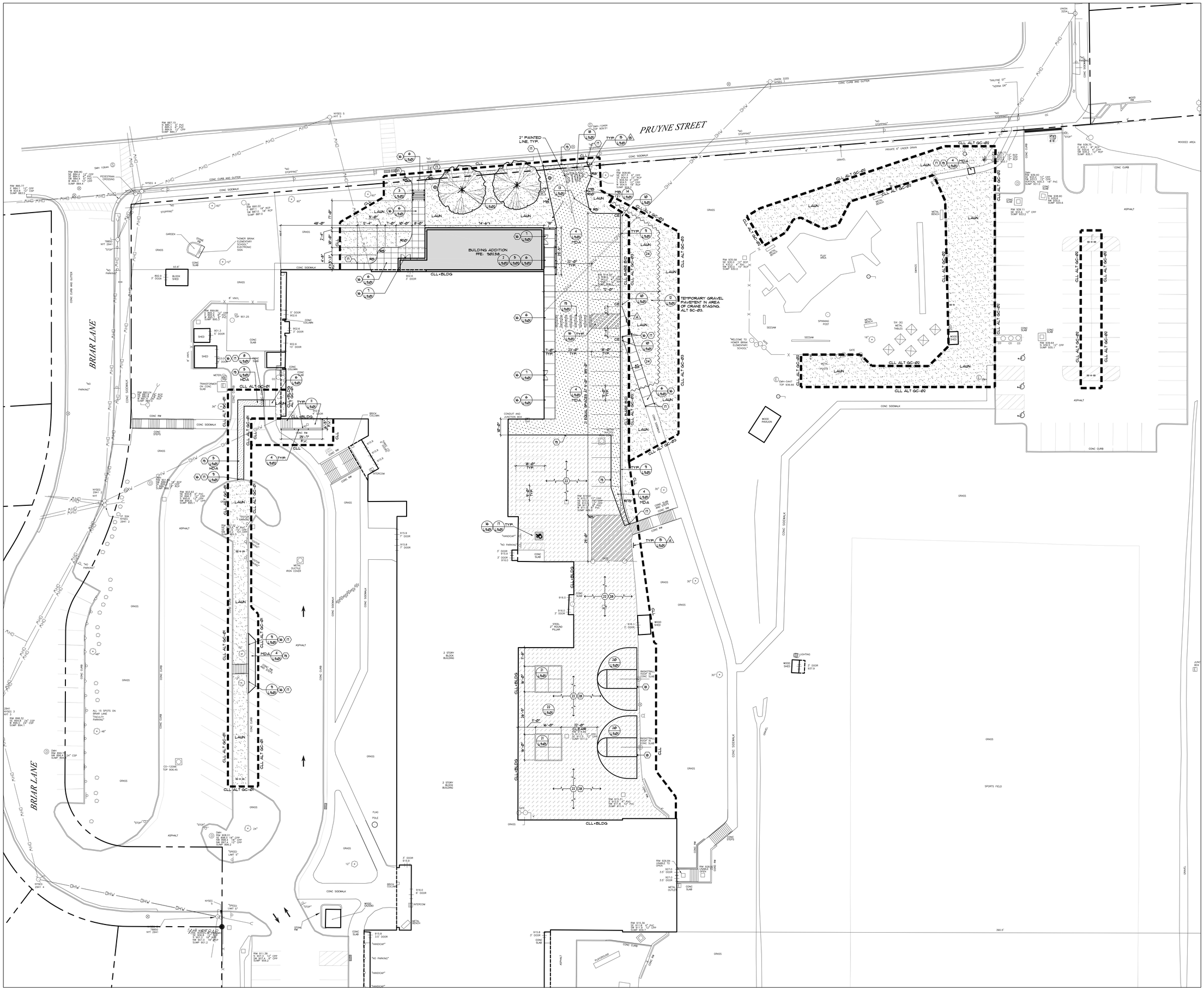
DRAWN BY: **BM / AP**

SCALE: **AS NOTED**

DRAWING TITLE:
GRADING and DRAINAGE PLAN

B L1.01



SITE LAYOUT and PLANTING PLAN - HOMER BRINK ES

NORTH

0 10 20 40 60
SCALE IN FEET

king + king
ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

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120 West Division Street, Suite 500
Syracuse, NY 13204 | (315) 476-1022

REGISTERED LANDSCAPE ARCHITECT
JOSEPH MICHAEL TANNER
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STATE OF NEW YORK

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SCALE: **AS NOTED**

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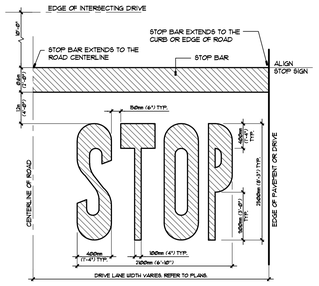
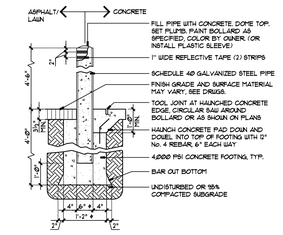
B L1.02

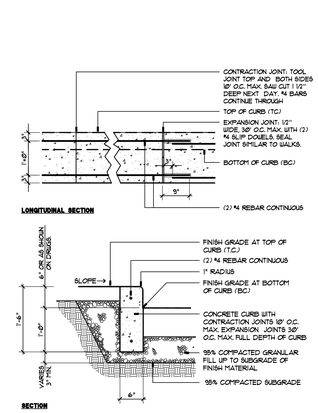


NOTES: 1. ALL PAINTED LINES ARE TO BE SOLID PAINTED IN APPEARANCE AND CONFORM TO NYSDOT STANDARDS.
2. COLOR SHALL BE WHITE. TWO COATS AS SPECIFIED.
3. CENTER ENTIRE SYMBOL IN DRIVE LANE
4. LAYOUT ALL MARKINGS IN FIELD AND OBTAIN APPROVAL PRIOR OUNER AND ARCHITECT PRIOR TO PAINTING.
5. TEXT MARKING "STOP" SHALL BE CENTERED ON STOP BAR.
6. ALL PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE NYS MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD.)

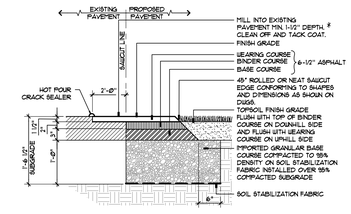
9 PAVEMENT MARKING – STOP BAR AND TEXT
L5.01 PLAN • NOT TO SCALE 3230-012
APPEL OSBORNE LANDSCAPE ARCHITECTURE



14 METAL BOLLARD = MB
L5.01 SECTION • NOT TO SCALE 3230-006A
APPEL OSBORNE LANDSCAPE ARCHITECTURE

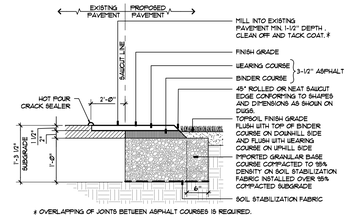


9 CONCRETE CURB – STANDARD
L5.01 SECTION • NOT TO SCALE 3213-003A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



* OVERLAPPING OF JOINTS BETWEEN ASPHALT COURSES IS REQUIRED

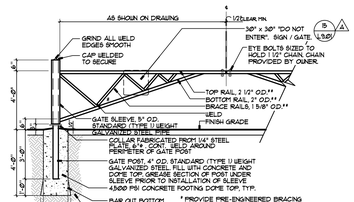
3 HEAVY DUTY ASPHALT PAVEMENT = HDA
L5.01 SECTION • NOT TO SCALE 3212-001C
APPEL OSBORNE LANDSCAPE ARCHITECTURE



* OVERLAPPING OF JOINTS BETWEEN ASPHALT COURSES IS REQUIRED.

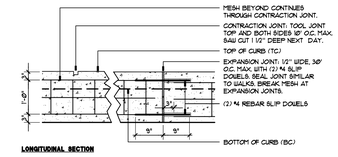
4 MEDIUM DUTY ASPHALT PAVEMENT = MDA
L5.01 SECTION • NOT TO SCALE 3212-001B
APPEL OSBORNE LANDSCAPE ARCHITECTURE

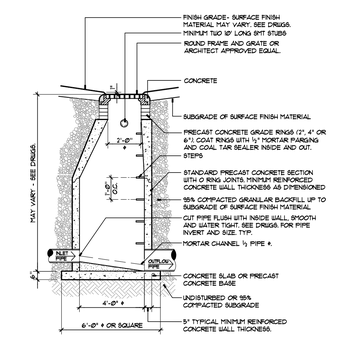
11 PAINTED RESERVE PARKING SYMBOL
L5.01 PLAN • NOT TO SCALE 3230-008A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



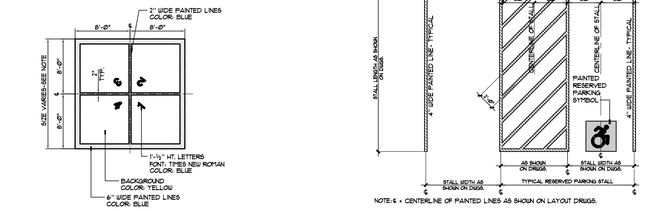
NOTE: ALL GALVANIZED STEEL SHALL BE PAINTED BLACK PER SPECIFICATIONS.

13 STEEL SWING GATE
L5.01 SECTION • NOT TO SCALE 275-001
APPEL OSBORNE LANDSCAPE ARCHITECTURE



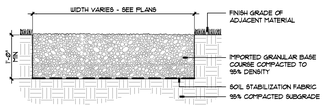


8 STORM MANHOLE = MH
L5.01 SECTION • NOT TO SCALE 3340-203A
APPEL OSBORNE LANDSCAPE ARCHITECTURE

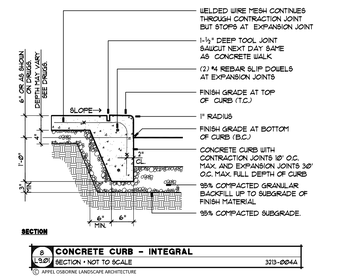


NOTE: 4 + CENTERLINE OF PAINTED LINES AS SHOWN ON LAYOUT DRWGS.

16 PARKING STALL MARKING–TYPICAL
L5.01 SECTION • NOT TO SCALE 3230-005A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



12 GRAVEL PAVEMENT
L5.01 SECTION • NOT TO SCALE 322-008
APPEL OSBORNE LANDSCAPE ARCHITECTURE



6 CONCRETE CURB – INTEGRAL
L5.01 SECTION • NOT TO SCALE 3213-004A
APPEL OSBORNE LANDSCAPE ARCHITECTURE

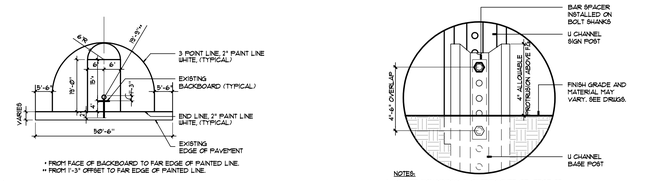
2 STORM TRENCH = ST
L5.01 SECTION • NOT TO SCALE 3340-195A
APPEL OSBORNE LANDSCAPE ARCHITECTURE

NOTE: SEE PLAN FOR LOCATION OF GRAPHICS, FINAL STANDARD COLORS MAY CHANGE DURING THE SUBMITTAL PROCESS.

4-SQUARE PAVEMENT GRAPHIC
L5.01 PLAN • NOT TO SCALE 3230-114B
APPEL OSBORNE LANDSCAPE ARCHITECTURE

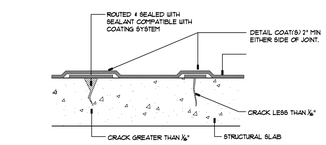
NOTE: PROVIDE N TWO LOCATIONS AS DIRECTED BY THE OWNER. FINAL STANDARD COLORS MAY CHANGE DURING THE SUBMITTAL PROCESS.

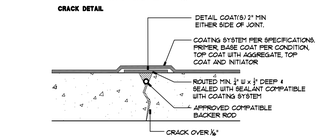
22 HOPSCOTCH GRAPHIC
L5.01 SECTION • NOT TO SCALE 3230-114A
APPEL OSBORNE LANDSCAPE ARCHITECTURE

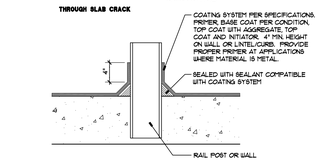


* FROM FACE OF BACKBOARD TO FAR EDGE OF PAINTED LINE.
** FROM 1'-3" OFFSET TO FAR EDGE OF PAINTED LINE.

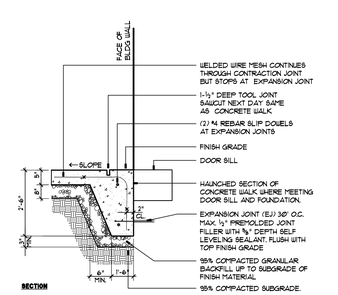
BASKETBALL COURT LAYOUT
L5.01 PLAN • NOT TO SCALE 3230-512A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



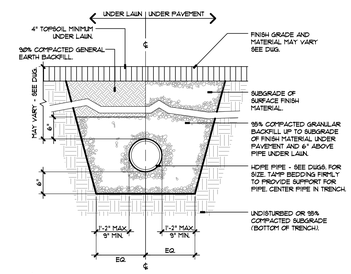




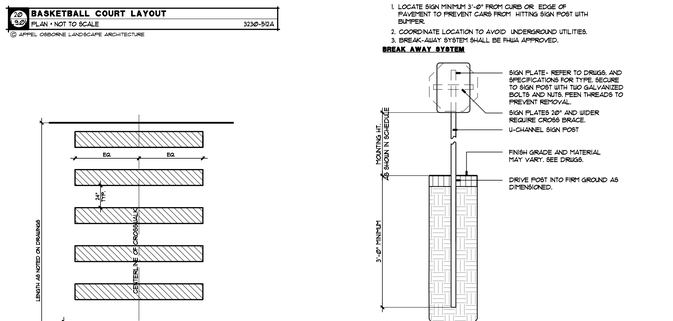
11 CONCRETE SURFACING COATING
L5.01 SECTION • NOT TO SCALE CONC-SURFACING
APPEL OSBORNE LANDSCAPE ARCHITECTURE



1 HAUNCHED CONCRETE WALK AT DOOR
L5.01 SECTION • NOT TO SCALE haunched walk at door
APPEL OSBORNE LANDSCAPE ARCHITECTURE



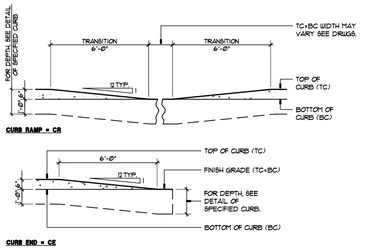
2 STORM TRENCH = ST
L5.01 SECTION • NOT TO SCALE 3340-195A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



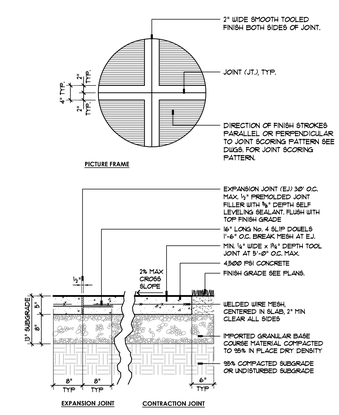
SIGN SCHEDULE	MOUNTING HEIGHT*
A NO PARKING ANYTIME	7'-0"
B STOP	7'-0"
C DO NOT ENTER	7'-0"
D SPEED LIMIT - 5 MPH	7'-0"

**ALL DIMENSIONS ARE TO BOTTOM OF SIGN PLATE.

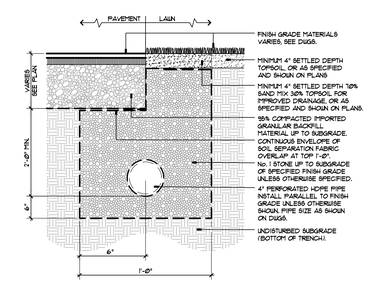
5 TRAFFIC SIGN
L5.01 SECTION • NOT TO SCALE 3230-003A
APPEL OSBORNE LANDSCAPE ARCHITECTURE



10 CURB RAMP AND CURB ENDING = CR/CE
L5.01 SECTION • NOT TO SCALE 3213-001
APPEL OSBORNE LANDSCAPE ARCHITECTURE



6 STANDARD CONCRETE WALK/PAD
L5.01 SECTION • NOT TO SCALE 3213-201
APPEL OSBORNE LANDSCAPE ARCHITECTURE



4 STORMWATER MGMT TRENCH = SMT
L5.01 SECTION • NOT TO SCALE 3340-102
APPEL OSBORNE LANDSCAPE ARCHITECTURE

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7956

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

appel osborne landscape architecture
Syracuse, NY 13204 | (315) 478-1122

REGISTERED LANDSCAPE ARCHITECT MICHAEL JEFFREY OSBORNE 00209 STATE OF NEW YORK
Registration current through 9/30/2028

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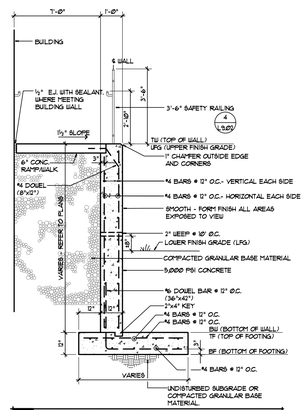
SCALE: AS NOTED
DRAWING TITLE:
SITE DETAILS

B L9.01



6 / L9.01 CONCRETE RETAINING WALL
SECTION • NOT TO SCALE — CONCRETE RETAINING WALL
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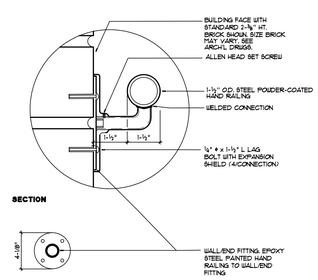

NOTES: 1. CONNECTIONS REQUIRED 3'-0" O.C. MAX. ALONG LENGTH OF RAILING.
2. MOUNTING HEIGHT IS 2'-10" FROM FINISH GRADE TO TOP OF HAND RAILING
3. LAG INTO BRICK/MASONRY UNIT-NOT INTO JOINT

5 / L9.01 WALL MOUNTED STEEL HAND RAIL
SECTION • NOT TO SCALE — 2TB-014
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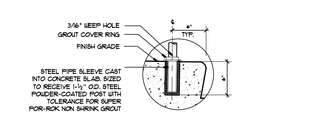

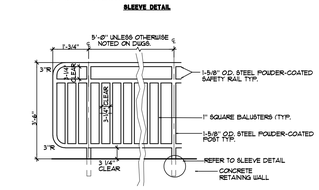

4 / L9.01 STEEL POWDER-COATED SAFETY RAILING
SECTION • NOT TO SCALE — 2TB-015
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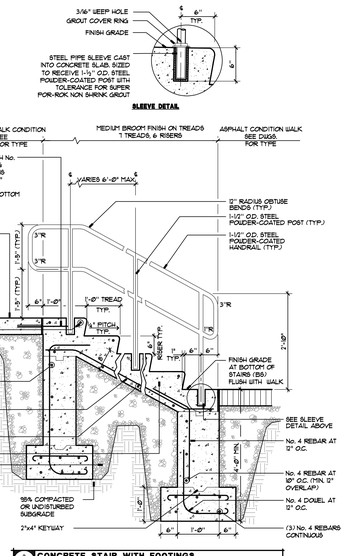

3 / L9.01 CONCRETE STAIR WITH FOOTINGS
SECTION • NOT TO SCALE — 3013-109C
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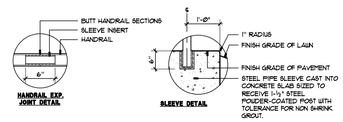

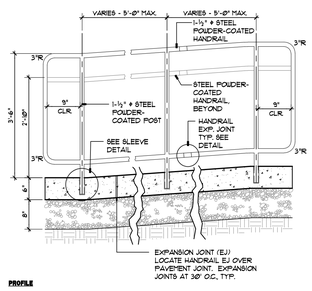

NOTE: SOME SAFETY RAIL DETAIL NOT SHOWN FOR CLARITY, REFER TO DETAIL 4 / L9.01

2 / L9.01 RAMP AND STEEL POWDER-COATED HANDRAIL
SECTION • NOT TO SCALE — 3013-103A
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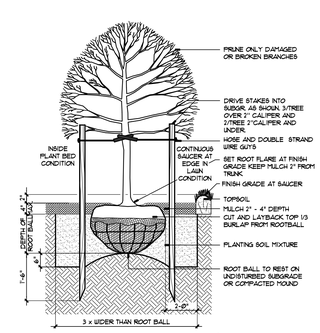

NOTE: PROVIDE TWO (2) QUERCUS PALUSTRIS (PIN OAK) 3"-3½" CAL. B&B AND BURLAP. LOCATIONS AS SHOWN ON LAYOUT AND PLANTING PLAN.

1 / L9.01 DECIDUOUS TREE PLANTING - SINGLE STEM
SECTION • NOT TO SCALE — 2SD-001
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king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

appel osborne landscape architecture
133 West Division Street, Suite 100
Syracuse, NY 13204 | (315) 478-3012

REGISTERED LANDSCAPE ARCHITECT — CORY MICHAEL HERMES — 002097 — STATE OF NEW YORK
Registration current through 5/30/2028

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MARK	DATE	DESCRIPTION
	10/12/2026	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS
DRAWING DATE: **11/10/2025**
DRAWN BY: **BM / AP**
SCALE: **AS NOTED**
DRAWING TITLE:
SITE DETAILS

B L9.02

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 HOMER BRINK ELEMENTARY SCHOOL LOCATED AT 3618 BRIAR LANE ROAD IN ENDWELL, NEW YORK AS A PART OF THE MAINE-ENDWELL CSD 2022 CIP - PHASE 5 HOMER BRINK ES PROJECT.

2. THE NOTES AND INFORMATION PRESENTED HERE AND INCLUDED IN SPECIFICATION SECTION 028213 ARE APPLICABLE TO DRAWINGS B X0.01 AND B X0.02. 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 9" X 9" FLOOR TILE (VAT) AND ASSOCIATED ASBESTOS CONTAINING MASTIC TO BE REMOVED IS PRESENT BENEATH NON-ASBESTOS 12" X 12" FLOOR TILE IN THE BASEMENT CORRIDORS G-1 & G-3 AS SHOWN ON DRAWING B X0.02. THE TOTAL QUANTITY OF VAT / MASTIC TO BE REMOVED AT THE REFERENCED LOCATIONS IS APPROXIMATELY 820 SQUARE FEET. VAT / MASTIC ABATEMENT WORK SHALL BE PERFORMED IN A LARGE-PROJECT NEGATIVE PRESSURE WORK AREA 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 AV-A-3 FOR "CHEMICAL METHODS WITH LOW SPEED BUFFERS".

   B. ASBESTOS CONTAINING ROOF CURB FLASHING: THIS ASBESTOS CONTAINING ROOF CURB FLASHING TO BE REMOVED IS ASSOCIATED WITH THE GYM ROOF SKYLIGHT CURBS AS SHOWN ON DRAWING B X0.02. THE TOTAL QUANTITY OF CURB FLASHING ASSOCIATED WITH THE 6 SKYLIGHTS TO BE REMOVED IS APPROXIMATELY 18 SQUARE FEET. ASBESTOS ROOF CURB FLASHING REMOVAL SHALL BE PERFORMED WITHIN AN EXTERIOR REGULATED ABATEMENT WORK AREA AS PER THE REQUIREMENTS OF 12 NYCRR PART 56 SUBPART 56-11.6 FOR "EXTERIOR PROJECT REMOVAL OF NON-FRIABLE ACM ROOFING".

   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.

LEAD-BASED PAINT AWARENESS NOTES:

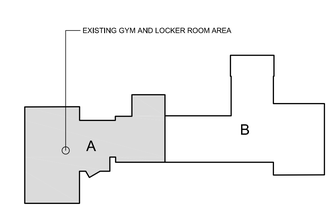
1. REFERENCE THE SPECIFICATION APPENDICES FOR THE PROJECT PRE-RENOVATION LEAD-BASED PAINT SURVEY REPORT LISTING THE VARIOUS COMPONENTS, SURFACES AND STRUCTURAL MEMBERS IDENTIFIED AS BEING COATED WITH LEAD BASED PAINT.

2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONDUCTING ALL WORK THAT WILL IMPACT LEAD-BASED PAINT IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REQUIREMENTS, INCLUDING OSHA 29 CFR 1926 LEAD IN CONSTRUCTION STANDARDS.

3. THE CONTRACTOR SHALL BE RESPONSIBLE FOR TAKING PRECAUTIONS TO ENSURE THAT WORKERS, BUILDING OCCUPANTS, AND THE GENERAL PUBLIC ARE NOT EXPOSED TO AIRBORNE LEAD LEVELS IN EXCESS OF THE OSHA PERMISSIBLE EXPOSURE LIMIT. THIS SHALL BE ACCOMPLISHED THROUGH THE USE OF ISOLATION BARRIERS, ENGINEERING CONTROLS, AND PROPER WORK PRACTICES. THE PACKAGING, TRANSPORT AND DISPOSAL OF WASTE GENERATED BY LEAD-BASED PAINT REMOVAL OPERATIONS SHALL BE IN COMPLIANCE WITH ALL APPLICABLE FEDERAL AND STATE REGULATIONS. TCLP TESTING FOR WASTE CHARACTERIZATION IS THE RESPONSIBILITY OF THE CONTRACTOR.

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
	ASBESTOS CONTAINING 9" X 9" FLOOR TILE AND ASSOCIATED ASBESTOS CONTAINING MASTIC TO BE REMOVED - 820 SQUARE FEET TOTAL. THE ASBESTOS TILE / MASTIC IS PRESENT BENEATH NON-ASBESTOS 12" X 12" FLOOR TILE IN THE BASEMENT CORRIDORS G-1 & G-3 AS SHOWN ON DRAWING B X0.01.
SL	SKYLIGHT WITH ASBESTOS CONTAINING ROOF CURB FLASHING TO BE REMOVED - 6 SKYLIGHTS / APPROXIMATELY 18 SF TOTAL ASBESTOS CURB FLASHING.



PROJECT NORTH

KEY PLAN - DEMO

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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

STATE OF NEW YORK · ANTHONY ROCCO PANICI · 075201 · LICENSED PROFESSIONAL ENGINEER

2026.09.22

REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2028

NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 25-6LBIA-SHAB

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ASBESTOS ABATEMENT NOTES

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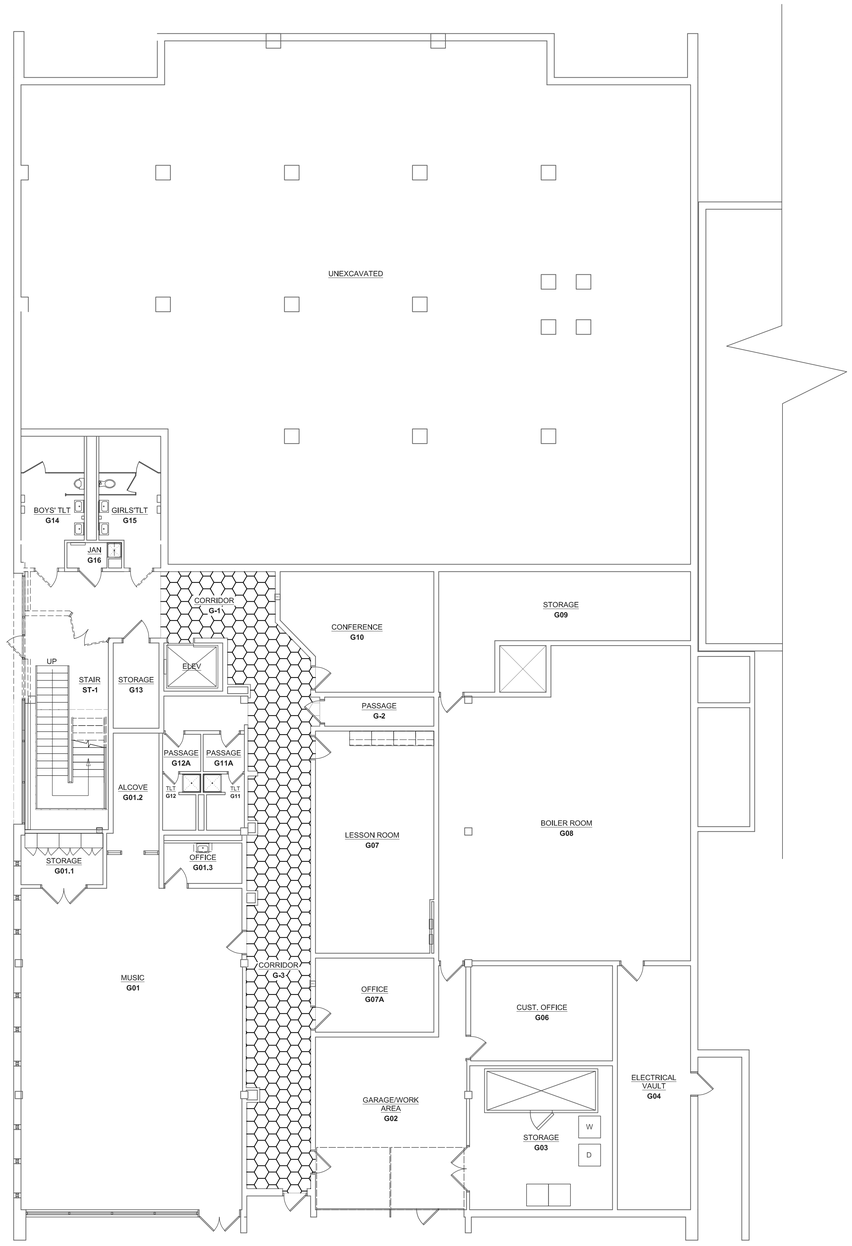

PROJECT NORTH

B1
B X0.01

ASBESTOS ABATEMENT PLAN - GROUND FLOOR AREA A

1/8" = 1'-0"

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
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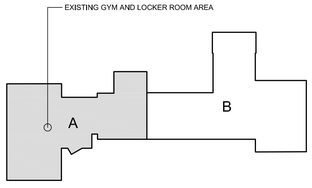

PROJECT NORTH

KEY PLAN - DEMO

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

DELTA
ENGINEERS, ARCHITECTS, & SURVEYORS
860 Hooper Road
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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 PARISI
019503
LICENSED PROFESSIONAL ENGINEER
2026.09.22
REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2028

NYS DOL CERTIFIED ASBESTOS PROJECT DESIGNER CERTIFICATE NO. 25-6LBIA-SHAB

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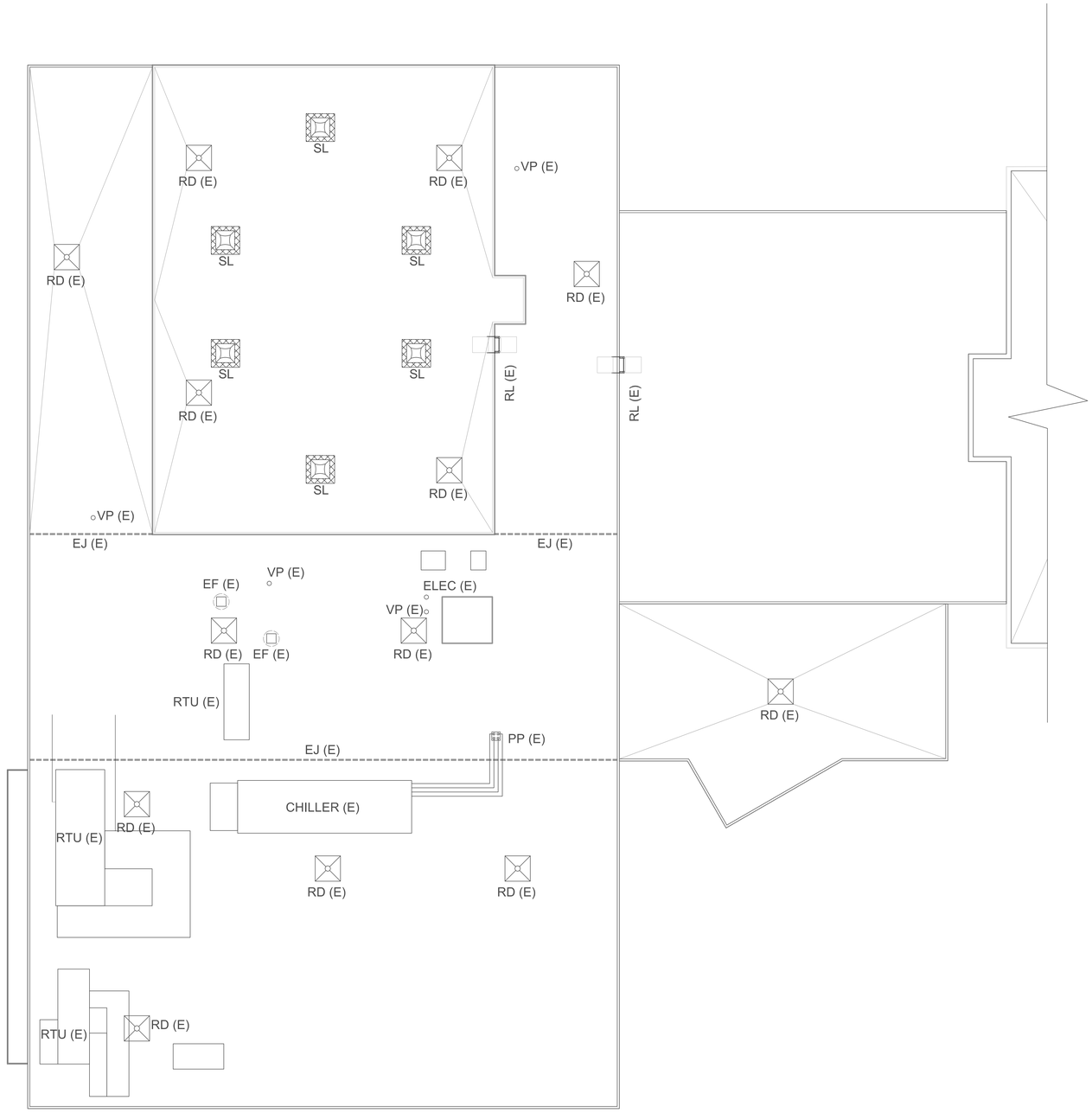
GROUND FLOOR ASBESTOS ABATEMENT PLAN

B X0.01



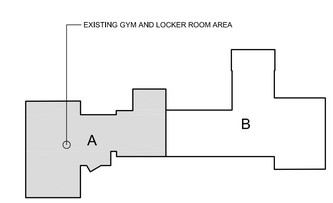
PROJECT NORTH

B1 / B X0.02 — 1/8" = 1'-0"

ROOFING ASBESTOS ABATEMENT PLAN - ROOF AREA A

ASBESTOS ABATEMENT LEGEND AND KEYED NOTES

SYMBOL	DESCRIPTION
SL	SKYLIGHT WITH ASBESTOS CONTAINING ROOF CURB FLASHING TO BE REMOVED - 6 SKYLIGHTS / APPROXIMATELY 18 SF TOTAL ASBESTOS CURB FLASHING.



PROJECT NORTH

KEY PLAN - DEMO

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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CERTIFICATE OF AUTHORIZATION #: 019598

STATE OF NEW YORK — ANTHONY ROCCO PANCARI — 073403 — LICENSED PROFESSIONAL ARCHITECT

2026.09.10

REGISTRATION EXPIRATION: 09.30.2025

LICENSE EXPIRATION DATE: 09/30/2028

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SCALE: **Sheet Scale**

DRAWING TITLE:

ROOFING ASBESTOS ABATEMENT PLAN

B X0.02

GENERAL DEMOLITION NOTES

D-1. DEMOLITION DRAWING SHOW REMOVALS IN GENERAL AND ARE BASED ON ORIGINAL DRAWINGS. THERE MAY HAVE BEEN CHANGES SINCE THAT DATE. CONTRACTORS SHALL VISIT PROJECT SITE TO BECOME FAMILIAR WITH COMPLETE SCOPE OF REMOVALS/DEMOLITIONS AND TO FIELD VERIFY CONDITIONS DETAILING AND DIMENSIONS.

D-2. THE INTENT OF THE DEMOLITION WORK IS TO COMPLETE REMOVALS NECESSARY IN ORDER TO CONSTRUCT THE NEW WORK SHOWN ON THE REST OF THE CONTRACT DRAWINGS. THE REMOVAL NOTES ARE GENERAL IN NATURE AND IT SHALL BE UNDERSTOOD THAT IT IS NOT FEASIBLE TO SHOW EACH AND EVERY SPECIFIC REMOVAL. DEMOLITION DRAWINGS SHOULD NOT BE USED ALONE BUT SHOULD BE USED IN CONJUNCTION WITH OTHER DRAWINGS. SEE ABATEMENT, STRUCTURAL, MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR CERTAIN ADDITIONAL WORK TO BE REMOVED, RE-USED, AND/OR REVISED NOT MENTIONED HERE.

D-3. RESPECTIVE CONTRACTORS SHALL REMOVE ALL PLUMBING FIXTURES AND PIPES, HEATING EQUIPMENT, RADIATORS, DUCTS AND GRILLS, AND ELECTRICAL WORK WHERE NOTED ON THE RESPECTIVE TRADE'S DRAWINGS OR REASONABLY INFERRED BY THE INTENT OF THE COMBINED CONTRACT DOCUMENTS.

D-4. CONTRACTOR FOR GENERAL WORK SHALL REMOVE ANY REMAINING PLUMBING, MECHANICAL, ELECTRICAL OR MISCELLANEOUS ITEMS REQUIRED TO COMPLETE NEW WORK BUT NOT REQUIRED TO REMAIN SUCH AS PIPES AND CONDUITS IN WALLS THAT HAVE BEEN DISCONNECTED AND REMAINING PORTIONS CAPPED OR RECONNECTED.

D-5. THROUGHOUT DEMOLITION AND CONSTRUCTION, PROTECT ANY ITEMS SCHEDULED TO REMAIN AND/OR ALL ADJACENT MATERIALS AND EQUIPMENT, ETC. INDICATED TO REMAIN. COORDINATE REMOVAL AND PROTECTIONS WITH OWNER.

D-6. AT NEW OR ENLARGED OPENINGS, SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR EXACT SIZE AND LINTEL. NO LINTEL IS REQUIRED WHERE OPENINGS ARE TO BE INFILLED WITH MASONRY. BRACE AND TEMPORARILY SUPPORT EXISTING STRUCTURE AND FLOORS UNTIL NEW OPENING ARE COMPLETED. SALVAGE BRICKS, STONE AND STONE SILLS; RE-USE TO INFILL EXISTING OPENINGS AS INDICATED ON DRAWINGS.

D-7. NEW THROUGH-SLAB PENETRATIONS AND CORE-DRILLED HOLES SHALL NOT CUT EXISTING STEEL BEAMS OR CONCRETE JOISTS (UNLESS SPECIFICALLY INSTRUCTED TO DO SO ON STRUCTURAL DRAWINGS.) NEW SLAB PENETRATIONS AND CORE DRILLED HOLES SHALL BE LOCATED AND COORDINATED WITH RESPECTIVE TRADES. NOTIFY OWNER, STRUCTURAL ENGINEER, CONSTRUCTION MANAGER AND ARCHITECT OF ANY DISCREPANCIES PRIOR TO INSTALLATION OF STRUCTURAL STEEL, METAL STUDS OR CORE DRILLING.

D-8. AT INTERSECTION OF DEMOLITION AND REMOVAL WORK WITH CONSTRUCTION NOT DESIGNATED FOR REMOVAL, REMOVE TO CONSTRUCTION LINES AND PLANES SHOWN. LEAVE REMAKING CONSTRUCTION FLUSH AND SMOOTH AT ABOVE MENTIONED INTERSECTIONS. LEAVE CORNERS (OF CONSTRUCTION TO REMAIN) INTACT AND DO NOT DAMAGE FINISHES OR SURFACES OF CONSTRUCTION TO REMAIN. SAWCUT WALLS AND SLABS WHERE NECESSARY BEFORE DEMOLITION OF WALLS AND SLABS NEXT TO CONSTRUCTION NOT DESIGNATED FOR REMOVAL.

D-9. DO NOT REMOVE OR DAMAGE STRUCTURAL COLUMNS WHEN REMOVING MASONRY WALLS.

D-10. PLUMBING CONTRACTOR WILL CAREFULLY REMOVE AND SALVAGE ALL EXISTING PLUMBING FIXTURES INCLUDING LAVATORIES, WATER CLOSETS, SINKS, DRINKING FOUNTAINS, ETC., WHERE INDICATED ON PLUMBING DRAWINGS.

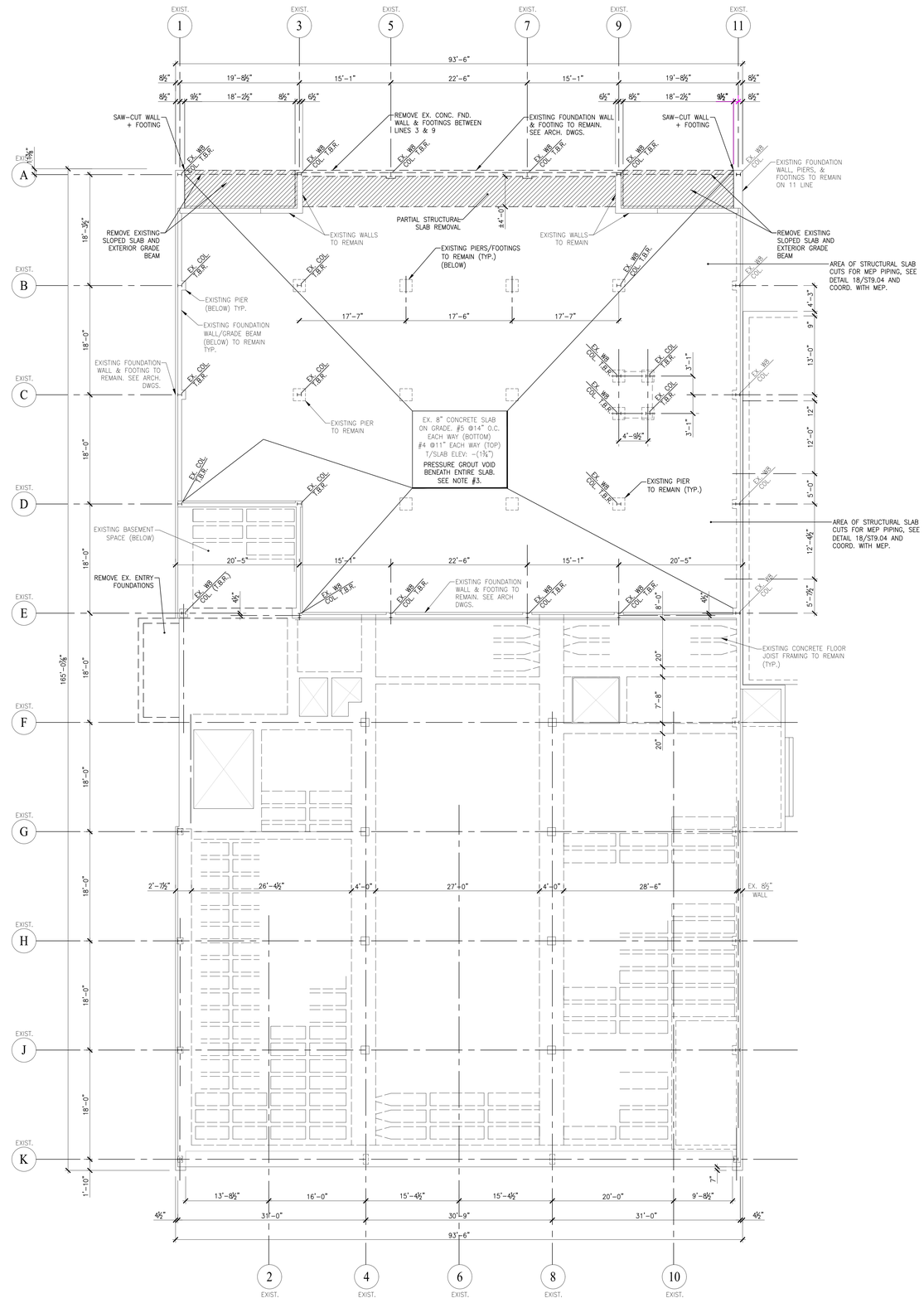
D-11. FOR WALLS SCHEDULED FOR DEMOLITION OR TO BE FURRED OUT, CAREFULLY REMOVE FOR RE-USE IN BUILDING TO REPLACE DAMAGE/MISSING LIKE ITEMS, ALL WOOD BASES, WAINSCOTS, WAINSCOT CAPS. CHAIR RAILS, PICTURE MOLDING, PROJECTION SCREENS, ETC. TURN THE BALANCE OF ITEMS NOT RE-USED OVER TO THE OWNER.

D-12. ALL DEMOLISHED MATERIAL OR ITEMS REMOVED AND NOT SCHEDULED TO BE TURNED OVER TO THE OWNER SHALL BE REMOVED FROM THE SITE INCLUDING ITEMS TO BE TURNED OVER TO THE OWNER WHICH THE OWNER DECLINES TO ACCEPT.

D-13. ON CONCRETE FLOORS TO RECEIVE UNDERLAYMENT AND/OR NEW FINISH, FILL ALL VOIDS AND DEPRESSIONS LESS THAN ½" IN DEPTH. FILL AND LEVEL ALL ADDITIONAL OR REMAINING VOIDS DEPRESSIONS, CRACKS, JOINTS AND IRREGULARITIES IN ELEVATION WITH UNDERLAYMENT. SPREAD AND FEATHER SMOOTH, ADJUSTING BETWEEN FLOOR ELEVATIONS IRREGULARITIES THAT OCCUR AT PARTITION REMOVAL.

D-14. GC TO COORDINATE NEW OPENINGS AND ENLARGEMENT OF EXISTING OPENINGS WITH RESPECTIVE TRADE'S DRAWINGS.

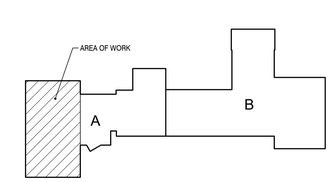
D-15. CONTRACTOR TO MEET MIN. OSHA STANDARDS FOR DUST, FUMES & WORK SAFETY CONDITIONS.



1 ST0.01 PARTIAL FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8"=1'-0"

NOTES:

1. FIELD VERIFY ALL EXISTING CONDITIONS + DIMENSIONS PRIOR TO START OF WORK.
2. SEE ARCHITECTURAL DRAWINGS FOR REMOVAL OF ALL MASONRY WALLS. MASONRY WALLS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY.
3. PRESSURE GROUTING:
   PRESSURE GROUT THE VOID BENEATH THE EXISTING 8" STRUCTURAL SLAB AT GRADE. BASED ON FIELD MEASUREMENTS, THE VOID IS APPROXIMATELY 6" DEEP. CONTRACTOR SHALL SUBMIT ENGINEERED GROUTING PLAN FOR INSTALLATION OF THIS GROUT FOR REVIEW + APPROVAL. THE GROUTING INSTALLATION MUST OCCUR BEFORE THE START OF DEMOLITION.
4. SLAB PROTECTION:
   EXISTING SLAB SHALL BE PROTECTED DURING DEMOLITION FROM FALLING OBJECTS + HEAVY EQUIPMENT. IT IS RECOMMENDED TO INSTALL A LAYER OF STONE TO PROTECT SLAB. COORDINATE INSTALLATION WITH CONSTRUCTION MANAGER
5. SLAB LOADING:
   ONCE VOID IS GROUTED AND STONE PROTECTION IS ADDED, THE FLOOR IS CAPABLE OF SUPPORTING 500 PSF AS A UNIFORM LIVE LOAD, AND 30,000 LBS AS A POINT LOAD.



PROJECT NORTH

KEY PLAN - DEMO

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S & A PROJECT No. 25-7329

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: 23-44-7956

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

STATE OF NEW YORK · RICHARD P. AUPPERLE · 080483 · LICENSED PROFESSIONAL ENGINEER

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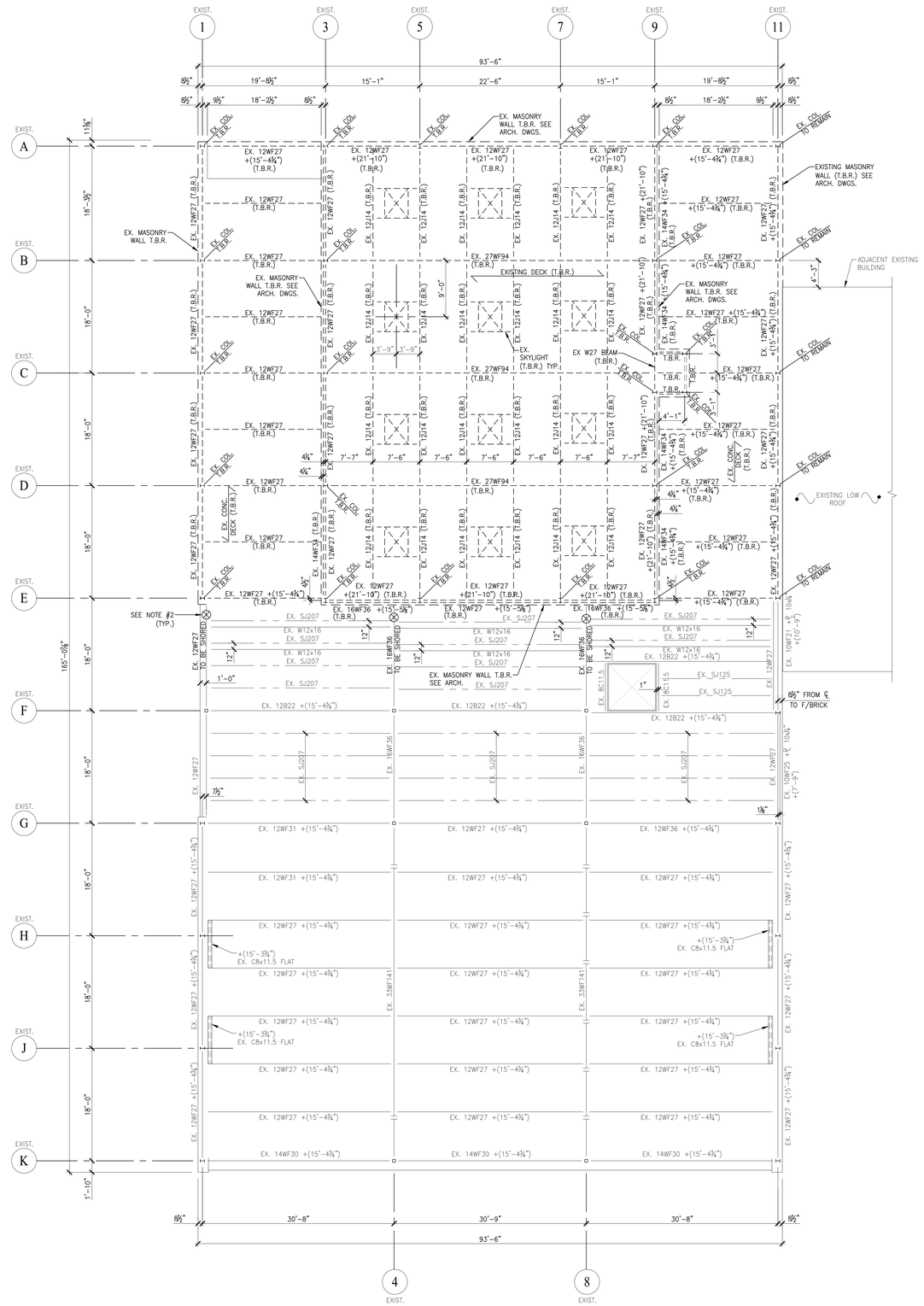
DRAWING DATE: 11/10/2025
DRAWN BY: JGL
SCALE: AS NOTED
DRAWING TITLE:

PARTIAL FIRST FLOOR DEMOLITION PLAN

B ST0.01



1 ST0.02 **PARTIAL LOW ROOF DEMOLITION PLAN**

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

NOTES:

1. FIELD VERIFY ALL EXISTING CONDITIONS + DIMENSIONS PRIOR TO START OF WORK.
2. SHORING POST LOCATION, POST TO BE DESIGNED BY SHORING COMPANIES' ENGINEER. SHORING TO BE CONTINUED TO SLAB ON GRADE. SHORING POST TO BE DESIGNED FOR 32 KIPS, SUBMIT STAMPED SHOP DRAWING FOR APPROVAL.
3. VIBRATION MONITORING BY THIRD PARTY TESTING AGENCY TO BE PERFORMED TO MONITOR VIBRATION INDUCED BY DEMOLITION PROCESS. VIBRATION LIMITS TO BE WITHIN ⅝" PER SECOND TO 1" PER SECOND AT MAXIMUM VELOCITY. RUN MONITORS AT 100 HZ FREQUENCY. COORDINATE ALL MONITOR LOCATIONS WITH CONSTRUCTION MANAGER. TESTING COMPANY SHALL PROVIDE RECOMMENDATIONS FOR MONITORING PROCEDURES.
4. SEE ARCHITECTURAL DRAWINGS FOR REMOVAL OF ALL MASONRY WALLS. MASONRY WALLS SHOWN ON THIS PLAN ARE FOR REFERENCE ONLY.

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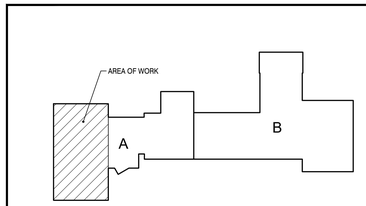

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KEY PLAN - DEMO

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DRAWING DATE: **11/10/2025**

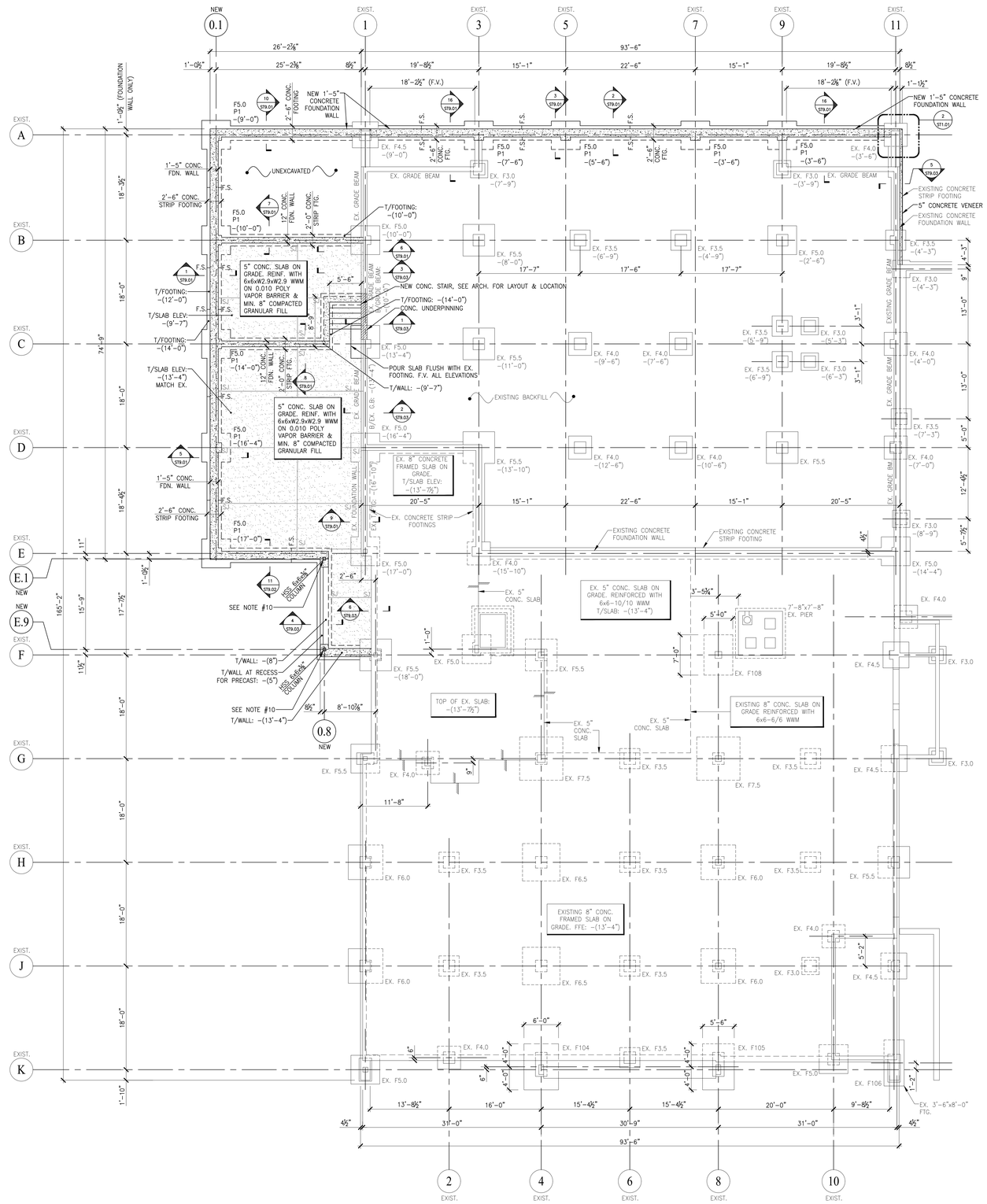
DRAWN BY: **JGL**

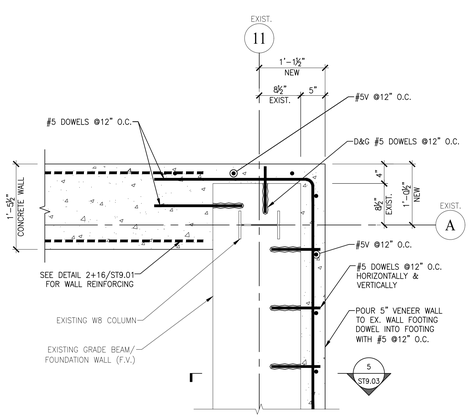
SCALE: **AS NOTED**

DRAWING TITLE:

PARTIAL LOW ROOF DEMOLITION PLAN

B ST0.02





2 ST1.01 **ENLARGED CORNER DETAIL**
SCALE: 1"=1'-0"

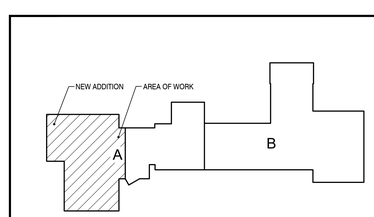
1 ST1.01 **PARTIAL FOUNDATION & GROUND FLOOR FRAMING PLAN**
SCALE: 1/8"=1'-0"

1. TOP OF CONCRETE AT EXISTING BASEMENT SLAB: -(13'-7½") UNLESS NOTED (+) OR (-) THEREFROM ON PLAN. TOP OF CONCRETE AT NEW BASEMENT SLAB: -(13'-4½"). FFE FOR NEW AND EXISTING SLABS: -(13'-4") F.V.
2. TOP OF FOOTING ELEVATION, TFE: VARIES FROM FINISH FLOOR ELEVATION, SEE PLAN.
3. TYPICAL NEW BASEMENT FLOOR CONSTRUCTION: 5" CONCRETE SLAB ON GRADE REINFORCED WITH 6x6xW2.9xW2.9 WWM ON .010" POLY VAPOR RETARDER AND MINIMUM 8" COMPACTED GRANULAR FILL.
4. FOOTINGS SHALL REST ON UNDISTURBED INORGANIC SOIL OR CONTROLLED FILL. ALLOWABLE SOIL BEARING PRESSURE = 6000 PSF PER EXISTING 1957 STRUCTURAL DRAWINGS. SPECIAL INSPECTOR TO FIELD VERIFY EXISTING SOIL BEARING PRESSURE PRIOR TO START OF WORK.
5. ALL COLUMN FOOTINGS ARE CENTERED ON THE COLUMNS UNLESS NOTED OTHERWISE ON THE PLAN.
6. TOP OF PIERS: -(8") BELOW FINISH FLOOR ELEVATION, UNO. P1: 24"x24" CONCRETE PIER, SEE DETAILS.
7. FOR TYPICAL DETAILS, SEE DRAWING ST9.04
8. DIMENSIONS SHOWN ARE TO FACE OF FOUNDATION WALLS. FIELD VERIFY ALL EXISTING CONDITIONS & DIMENSIONS PRIOR TO START OF WORK.
9. SPECIAL INSPECTIONS (SI), ARE REQUIRED ON THIS PROJECT. SEE SI SCHEDULE FOR REQUIRED INSPECTIONS. ALL INSPECTIONS ARE PAID BY THE OWNER AND COORDINATED BY THE CONTRACTOR.
10. NEW HSS 6x6 COLUMNS TO BEAR ON TOP OF FOUNDATION WALL. UNDERSIDE OF PLATE AT -(13'-3") ELEV. BASE PLATE SIZE: 12"x¾"x1'-0" WITH (4)- ¾"øx8" LONG EPOXY ANCHOR BOLTS. PROVIDE ¼" LEVELING PLATE + ¾" GROUT.

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
   E. FOUNDATIONS:
      1. FOUNDATIONS ARE BASED ON ALLOWABLE SOIL BEARING PRESSURE OF 6,000 PSF PER 1957 EXISTING STRUCTURAL DRAWINGS.

FOOTING SCHEDULE			
MARK	SIZE	DEPTH	REINFORCING
F5.0	5'-0" SQ	18"	(5)-#6 BARS EACH WAY



PROJECT NORTH

KEY PLAN - NEW

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S & A PROJECT No. 25-7329

king + king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
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ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

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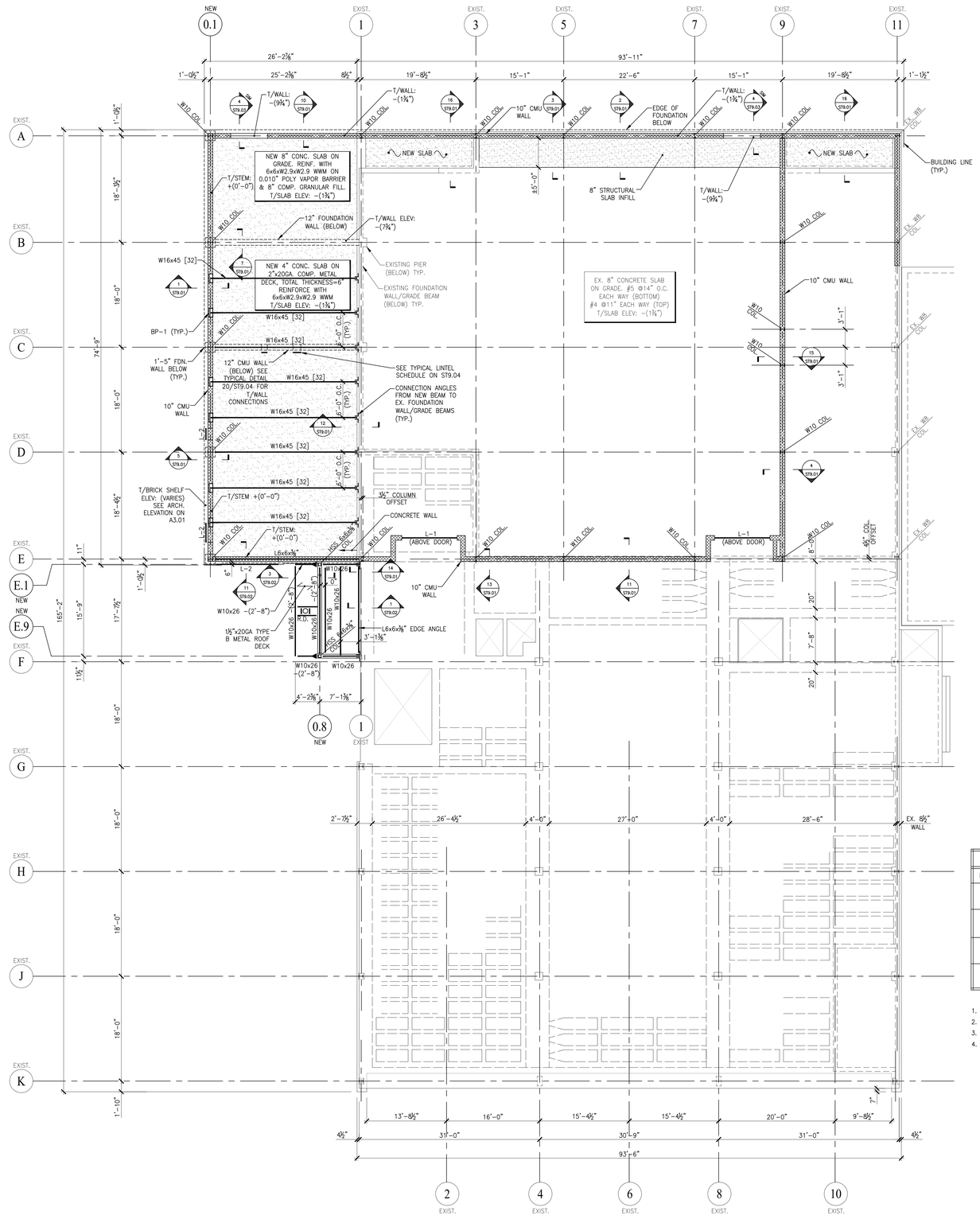
DRAWN BY: **JGL**
SCALE: **AS NOTED**
DRAWING TITLE:
PARTIAL FOUNDATION & GROUND FLOOR FRAMING PLAN

B ST1.01



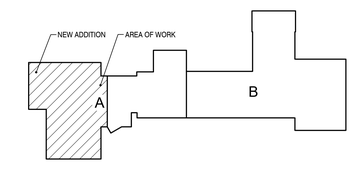
1 PARTIAL FIRST FLOOR FRAMING PLAN
ST1.02 SCALE: 1/8"=1'-0"

1. TOP OF EXISTING AND NEW CONCRETE SLAB ELEVATION: -(1¾"), F.V. MATCH EXISTING. TOP OF STEEL ELEVATION: -(7¾"), UNLESS NOTED OTHERWISE ON PLAN.
2. TYPICAL ADDITION FLOOR CONSTRUCTION: 4" CONCRETE SLAB ON 2"x20GA. COMP. METAL DECK, TOTAL THICKNESS= 6". REINFORCE WITH 6x6xW2.9xW2.9 WWM. PROVIDE 2½" CHAIRS AT ALL BEAM AND GIRDER LOCATIONS.
3. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO STARTING WORK.
4. [X] INDICATES THE NUMBER OF ¾"ø x 3½" LONG HEADED STUDS EVENLY SPACED ALONG EACH BEAM.
5. BEAMS WILL DEFLECT DURING PLACEMENT OF CONCRETE FOR FLOOR SLABS. DEFLECTION IS LIMITED TO L/360 (SPAN IN INCHES) OR A MAXIMUM OF 1". SLABS SHALL BE POURED WITH TOP SURFACE LEVEL.
6. DESIGN CONNECTIONS FOR 150% OF BEAM LOAD VALUES PUBLISHED IN THE AISC MANUAL WHEN COMPOSITE CONSTRUCTION IS USED.
7. INDICATES BEAM TO COLUMN MOMENT CONNECTION.
8. ALL NEW W10 COLUMNS TO BE W10x49 WITH 16"x16"x1" OR 12"x12"x1"STEEL BASE PLATE AND (4)- 1"ø ANCHOR BOLTS. SOME BASE PLATES TO BE OFFSET FROM COLUMN CENTER LINE, SEE DETAILS. PROVIDE ¼" LEVELING PLATE + ¾" GROUT PAD
9. FIELD VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS PRIOR TO START OF WORK.
10. SEE ARCHITECTURAL DRAWINGS FOR ALL BRICK SHELF ELEVATIONS.

LINTEL SCHEDULE

MARK	M.O.	MATERIAL	SECTION	REMARKS
L-1	10'-0"±	W8x31 + 5/16" BOTTOM PLATE	9"	8" BRG. EA. END (MIN.)
L-2	VARIES	CONCRETE REINFORCING + L6x6x3/8"		SEE TYPICAL DETAIL 7/ST9.04. FASTEN ANGLE TO CONC. WALL WITH ½"øx4" LONG BOLTS @12" O.C.
L-3	11'-0"±	W8x31 + 5/16" BOTTOM PLATE	16"	8" BRG. EA. END (MIN.)
L-4	UP TO 8'-0"	L5x5x5/16" + L4x4x5/16" FOR 10" CMU L5x3½"x5/16"LLV FOR 4" BRICK		6" BRG. EA. END (MIN.)

1. VERIFY ALL OPENING SIZES AND LOCATIONS WITH ARCH. + MEP DRAWINGS.
2. FOR MASONRY OPENINGS, FILL TOP (2)- COURSES OF BLOCK SOLID x 16" WITH GROUT UNDER LINTEL BEARING ENDS.
3. ALL EXTERIOR LINTELS TO BE HOT-DIPPED GALVANIZED.
4. FOR ALL OTHER NON-LOAD BEARING MASONRY OPENINGS, SEE TYPICAL SCHEDULE ON ST9.04.



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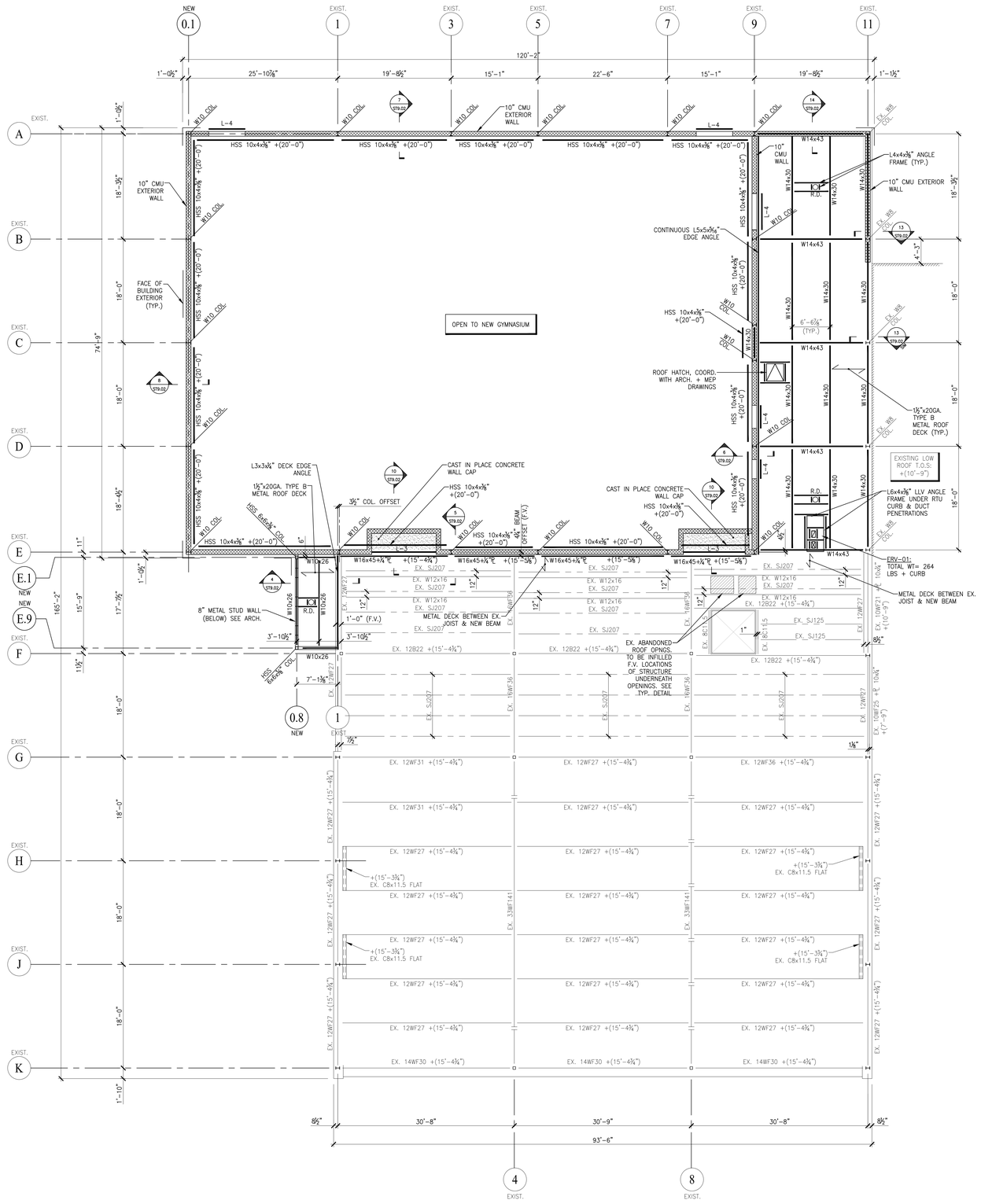
DRAWING DATE: **11/10/2025**
DRAWN BY: **JGL**
SCALE: **AS NOTED**
DRAWING TITLE:
PARTIAL FIRST FLOOR FRAMING PLAN

B ST1.02



1 PARTIAL LOW ROOF FRAMING PLAN
ST1.03

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

1. TOP OF STEEL AT EXISTING AND NEW LOW FINISH ROOF ELEVATION: +(15'-4¾") UNLESS NOTED (+) OR (-) THEREFROM ON PLAN.
2. TYPICAL EXISTING ROOF CONSTRUCTION: 1½" WR 22 GA METAL ROOF DECK (GALV). FIELD VERIFY. TYPICAL NEW ROOF CONSTRUCTION: 1½"x20 GA. TYPE B METAL ROOF DECK (GALV).
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.
5. FOR TYPICAL DETAILS, SEE DRAWING ST9.04
6. DASHED LINES SHOWN THUS – – – – – INDICATES HORIZONTAL JOIST BRIDGING.
7. DASHED LINES SHOWN THUS INDICATES DIAGONAL JOIST BRIDGING.
8. ⬡ INDICATES SQUARE END JOIST TO COLUMN CONNECTION.
9. ALL NEW W10 COLUMNS TO BE W10x49 WITH 16"x16"x1" OR 12"x12"x1"STEEL BASE PLATE AND (4)– 1"ø ANCHOR BOLTS. SOME BASE PLATES TO BE OFFSET FROM COLUMN CENTER LINE, SEE DETAILS. PROVIDE ¼" LEVELING PLATE + ¾" GROUT PAD

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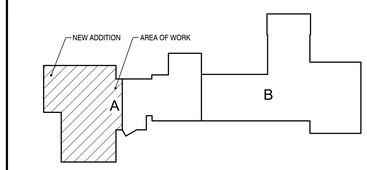

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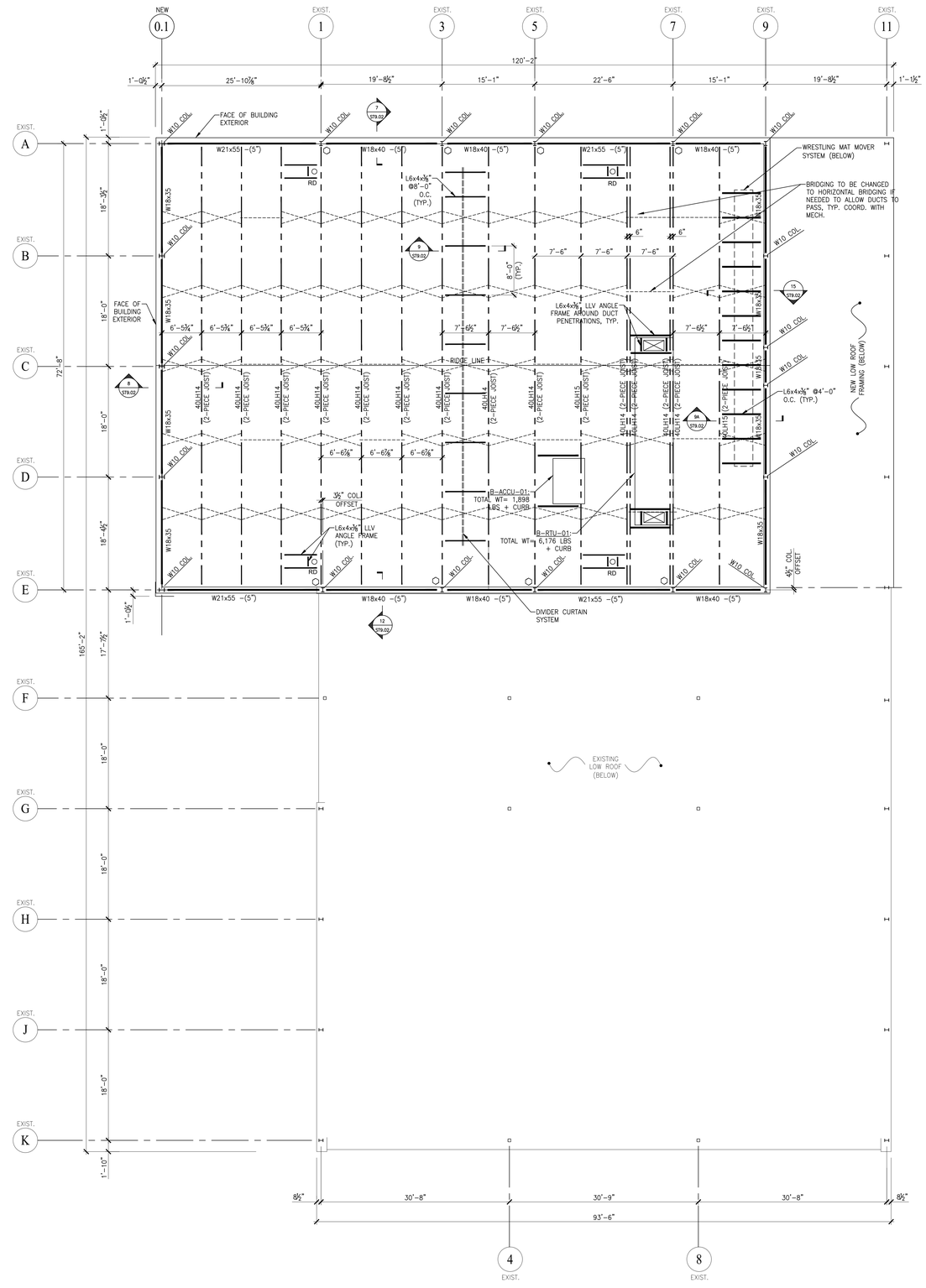

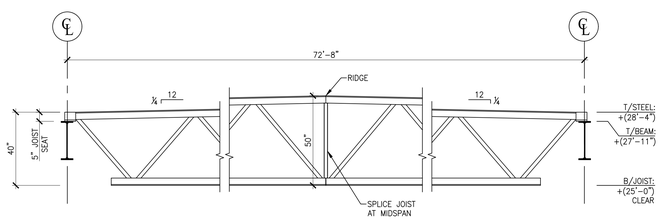

2 ST1.04 JOIST PROFILE ELEVATION

SCALE: 3/8"=1'-0"

NOTES:

1. JOIST MANUFACTURER SHALL DESIGN MID-SPAN SPLICE, JOIST MUST BE SHIPPED IN (2)- PIECES DUE TO SITE CONSTRAINTS.

1 ST1.04 HIGH ROOF FRAMING PLAN

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

1. TOP OF STEEL AT FINISH HIGH ROOF ELEVATION: +(28'-4") UNLESS NOTED (+) OR (-) THEREFROM ON PLAN.
2. TYPICAL ROOF CONSTRUCTION: EPICORE ER3.5A 20 GA. ACOUSTIC METAL ROOF DECK (GALV). FIELD PRIMED & PAINTED, SEE ARCH.
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.
5. FOR TYPICAL DETAILS, SEE DRAWING ST9.04
6. DASHED LINES SHOWN THUS - - - - - INDICATES HORIZONTAL JOIST BRIDGING.
7. DASHED LINES SHOWN THUS >><< INDICATES DIAGONAL JOIST BRIDGING.
8. ⬡ INDICATES SQUARE END JOIST TO COLUMN CONNECTION.
9. SLOPE NEW 40" JOISTS TOP CHORD FROM RIDGE LINE TO EXTERIOR WALLS.
10. ALL NEW W10 COLUMNS TO BE W10x49 WITH 16"x16"x1" OR 12"x12"x1"STEEL BASE PLATE AND (4)- 1"ø ANCHOR BOLTS. SOME BASE PLATES TO BE OFFSET FROM COLUMN CENTER LINE, SEE DETAILS. PROVIDE ¼" LEVELING PLATE + ¾" GROUT PAD

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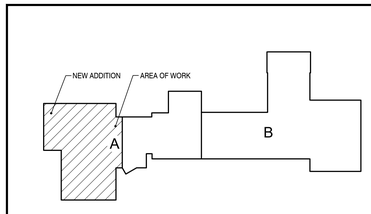
CONSULTING ENGINEERS, PLLC
5711 WEST GENESEE STREET
CAMILLUS, NEW YORK 13031
PHONE: (315) 488-3550

S & A PROJECT No. 25-7329



PROJECT NORTH

KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

STATE OF NEW YORK · JONATHAN D. KING · 084049 · LICENSED PROFESSIONAL ARCHITECT

SEPTEMBER 30, 2029

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DRAWING DATE: **11/10/2025**

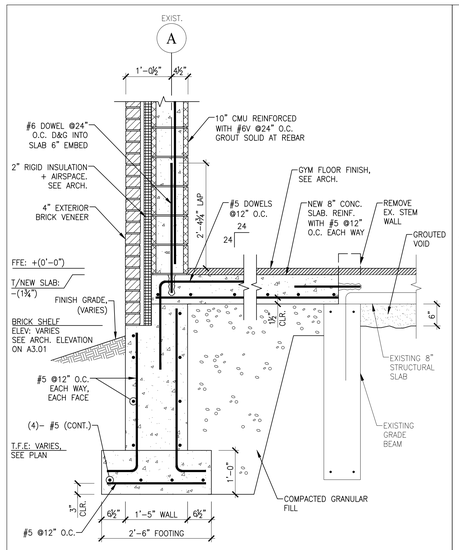
DRAWN BY: **JGL**

SCALE: **AS NOTED**

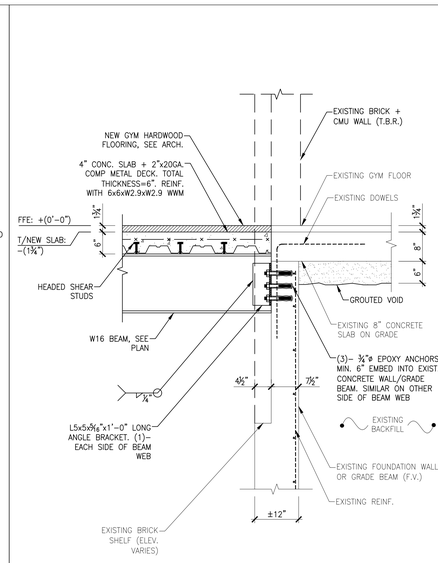
DRAWING TITLE:

HIGH ROOF FRAMING PLAN

B ST1.04



16 ST9.01 FOUNDATION WALL DETAIL AT EXISTING RECESS
SCALE: 3/4"=1'-0"



12 ST9.01 FLOOR FRAMING DETAIL AT ADDITION
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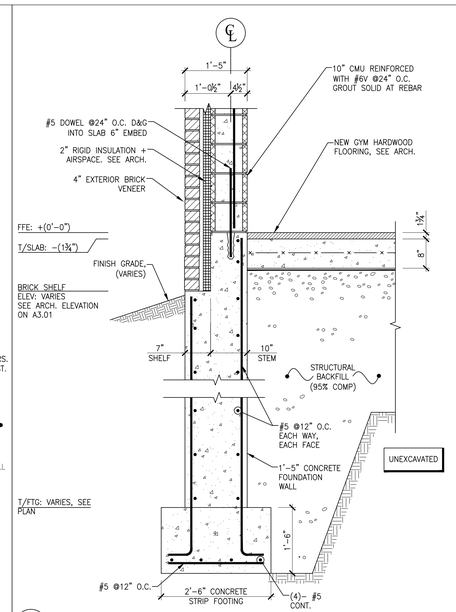

10 ST9.01 DETAIL AT EAST WALL OF ADDITION
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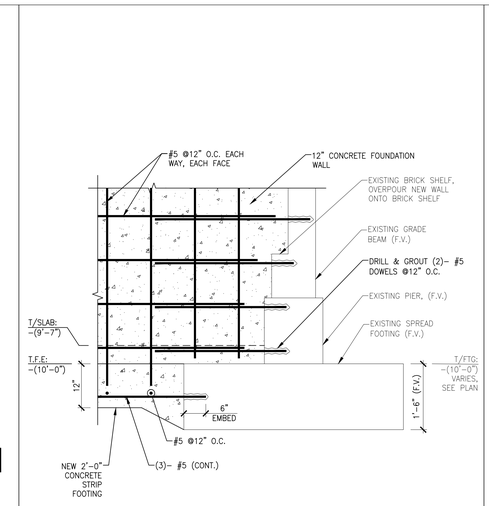
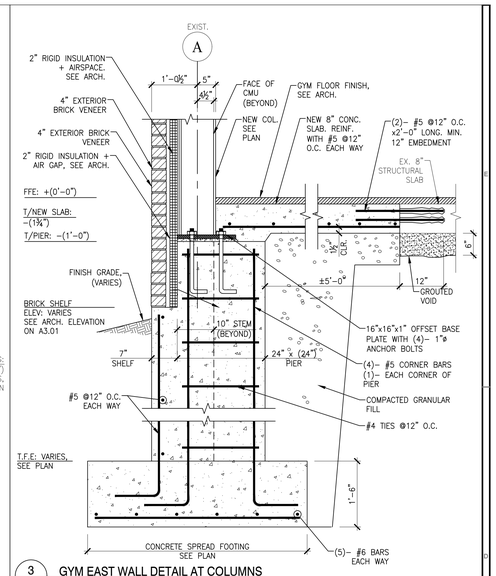
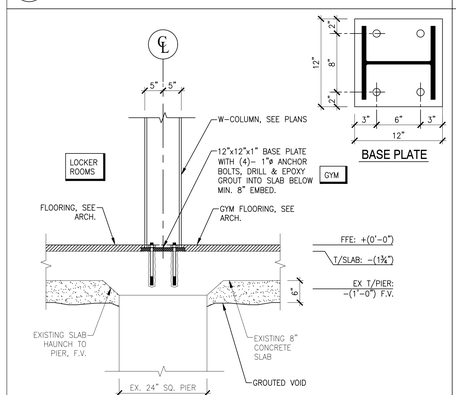


6 ST9.01 FOUNDATION SECTION AT ADDITION
SCALE: 3/4"=1'-0"



3 ST9.01 GYM EAST WALL DETAIL AT COLUMNS
SCALE: 3/4"=1'-0"



15 ST9.01 GYM SOUTH WALL DETAIL AT COLUMNS
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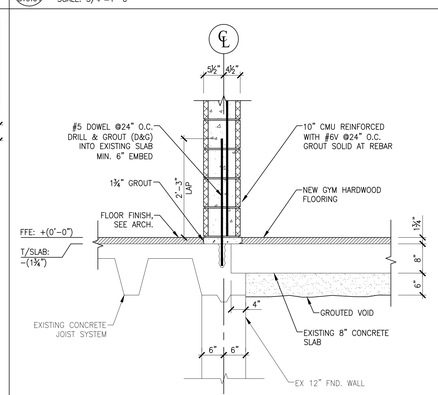

11 ST9.01 NEW GYM - WEST WALL SECTION
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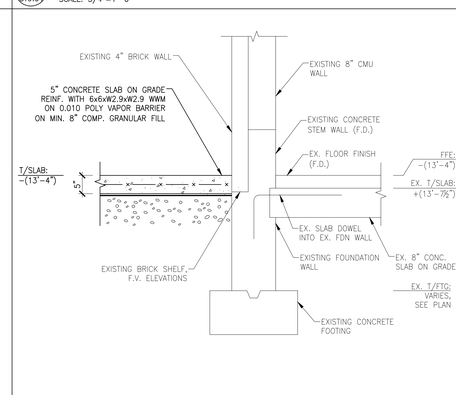

9 ST9.01 FOUNDATION SECTION AT ADDITION
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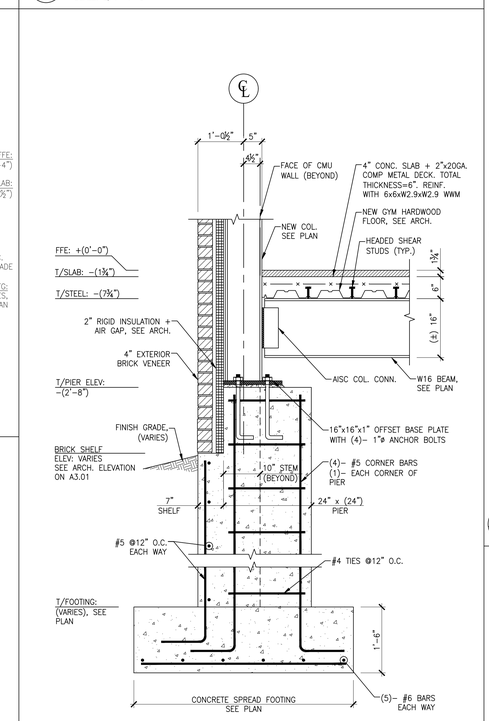
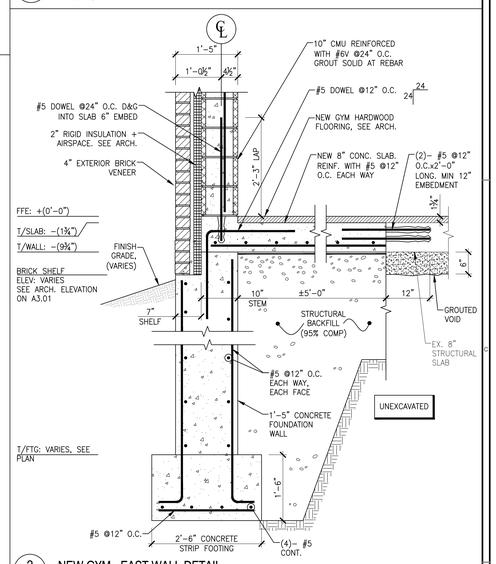


5 ST9.01 ADDITION FLOOR/FOUNDATION SECTION AT COLUMS/PIERS
SCALE: 3/4"=1'-0"



2 ST9.01 NEW GYM - EAST WALL DETAIL
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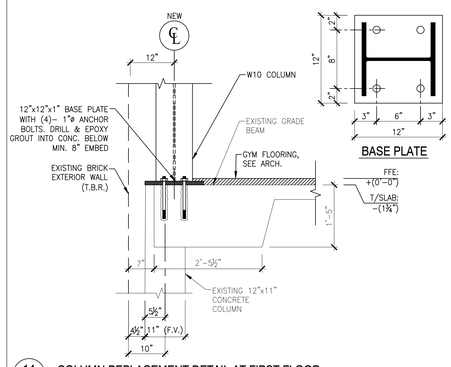

14 ST9.01 COLUMN REPLACEMENT DETAIL AT FIRST FLOOR
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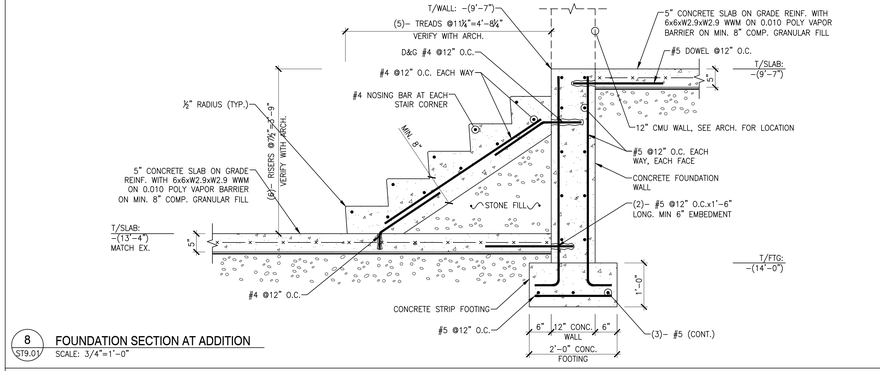

8 ST9.01 FOUNDATION SECTION AT ADDITION
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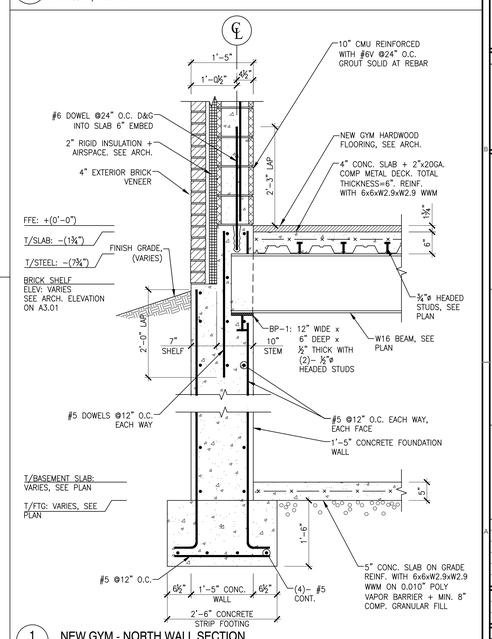

1 ST9.01 NEW GYM - NORTH WALL SECTION
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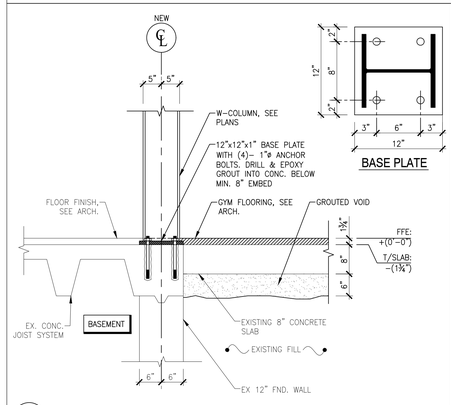

13 ST9.01 WEST WALL SECTION AT COLUMNS
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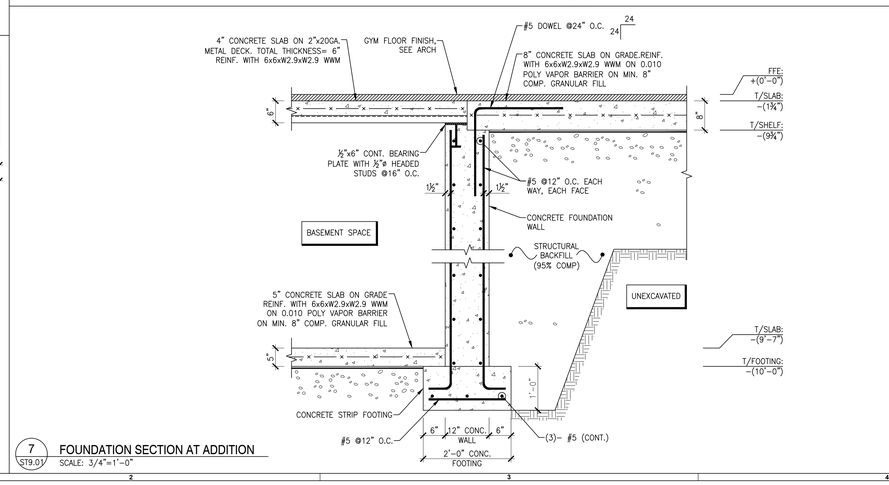

7 ST9.01 FOUNDATION SECTION AT ADDITION
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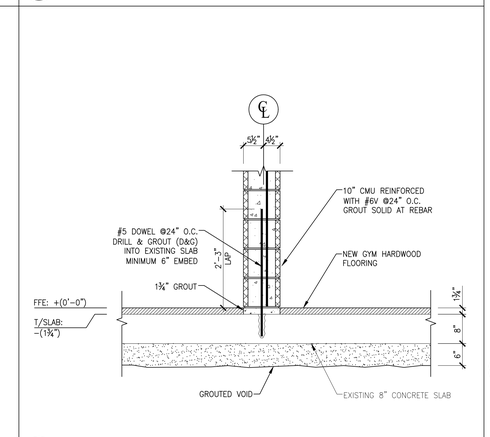

4 ST9.01 NEW GYM - SOUTH WALL DETAIL
SCALE: 3/4"=1'-0"

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S & A PROJECT No. 25-7329

king + king ARCHITECTS

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ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: 23-44-7956

SED PROJECT NUMBERS:
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STATE OF NEW YORK · JOHN D. AUPPERLE · 080469 · LICENSED PROFESSIONAL ENGINEER

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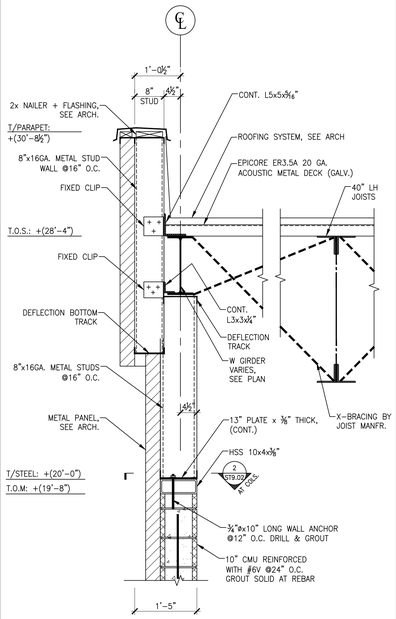
SECTIONS & DETAILS

B ST9.01



15 ST9.02 NEW GYM- HIGH ROOF SECTION AT METAL SIDING (PARALLEL TO JOISTS)
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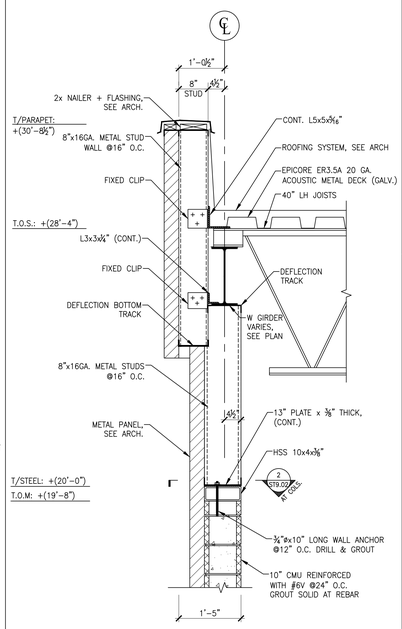

12 ST9.02 NEW GYM- HIGH ROOF SECTION AT METAL SIDING (PERPENDICULAR TO JOISTS)
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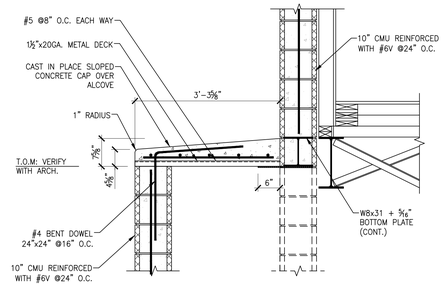

10 ST9.02 ALCOVE WALL FRAMING DETAIL
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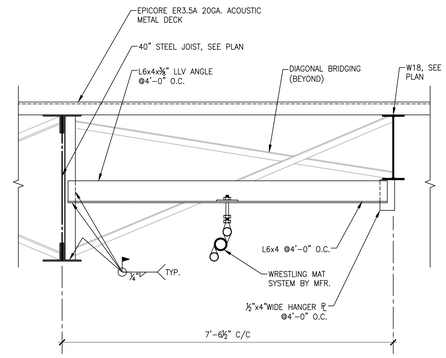

9A ST9.02 WRESTLING MAT SUPPORT DETAIL
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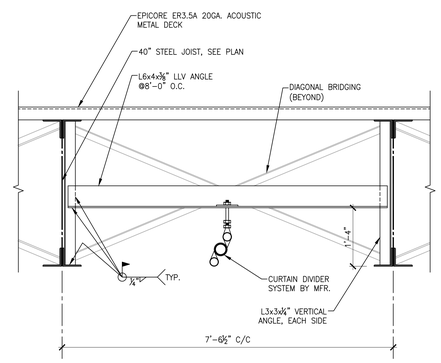

9 ST9.02 CURTAIN DIVIDER MOUNTING DETAIL
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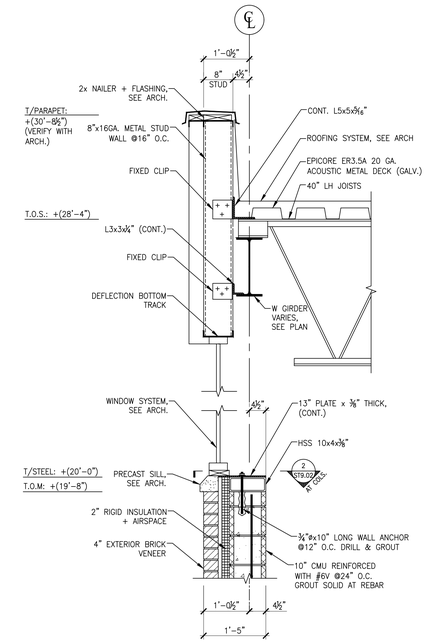

7 ST9.02 NEW GYM - HIGH ROOF SECTION (PERPENDICULAR TO JOISTS)
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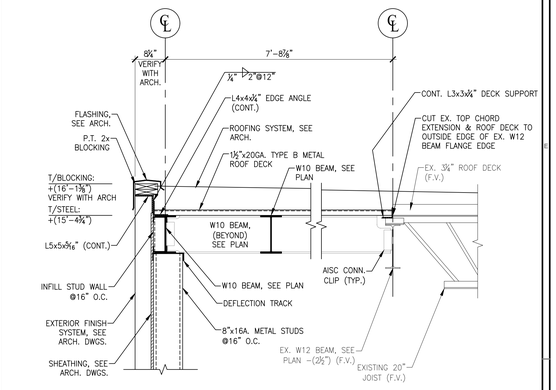

4 ST9.02 ROOF EDGE DETAIL AT ENTRY ADDITION
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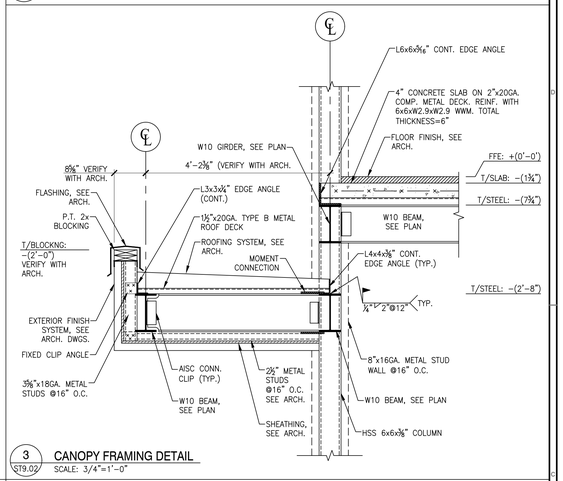

3 ST9.02 CANOPY FRAMING DETAIL
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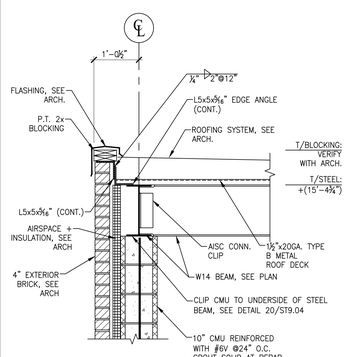

14 ST9.02 LOW ROOF EDGE DETAIL
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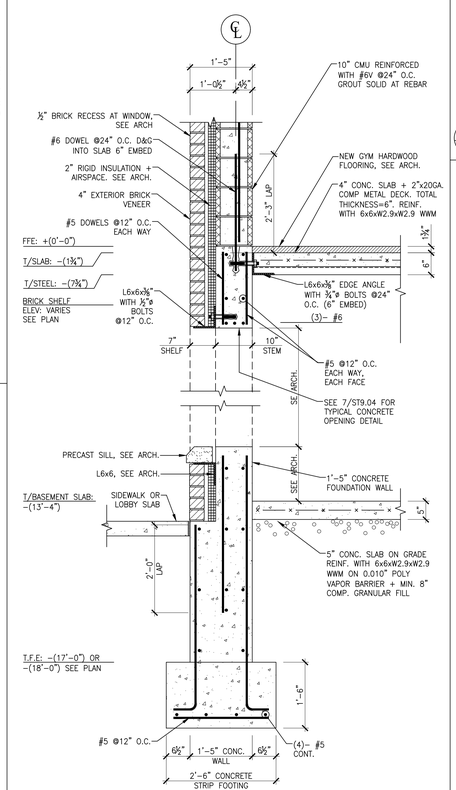

11 ST9.02 NEW GYM - WEST WALL SECTION
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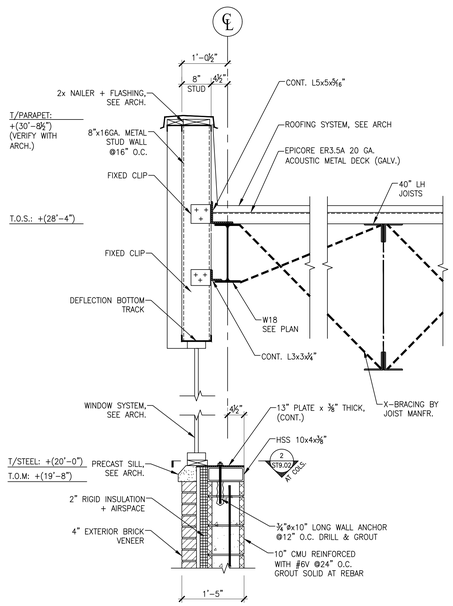

8 ST9.02 NEW GYM - HIGH ROOF SECTION (PARALLEL TO JOISTS)
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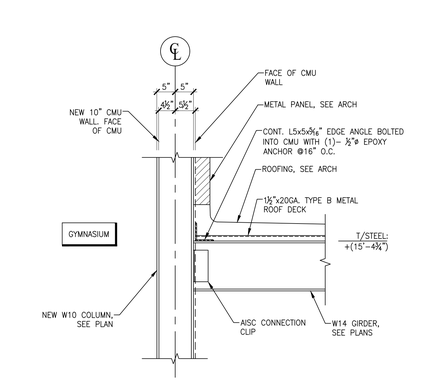

6 ST9.02 WALL SECTION AT LOW ROOF EDGE
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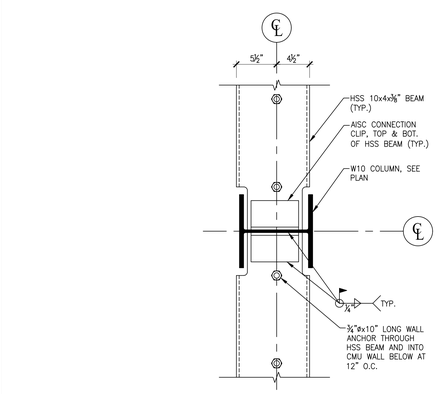

2 ST9.02 PLAN DETAIL AT HSS BEAM CONNECTION TO COLUMNS
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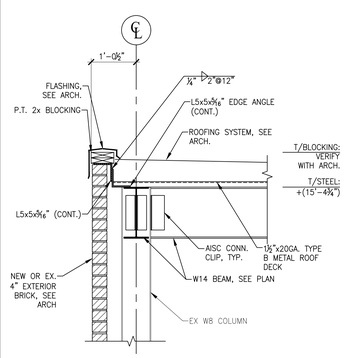

13 ST9.02 LOW ROOF EDGE FRAMING SECTION
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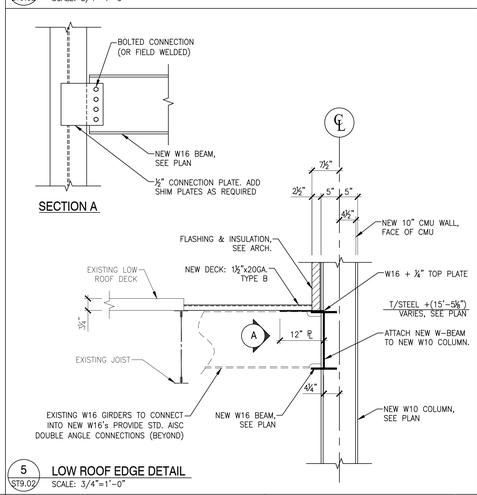

5 ST9.02 LOW ROOF EDGE DETAIL
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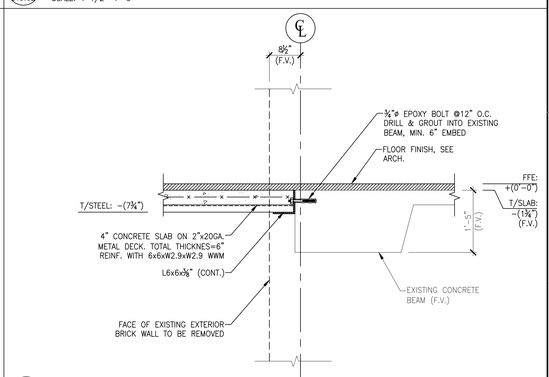

1 ST9.02 FRONT ENTRY ADDITION SECTION DETAIL AT FIRST FLOOR
SCALE: 3/4"=1'-0"

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S & A PROJECT No. 25-7329

king + king ARCHITECTS

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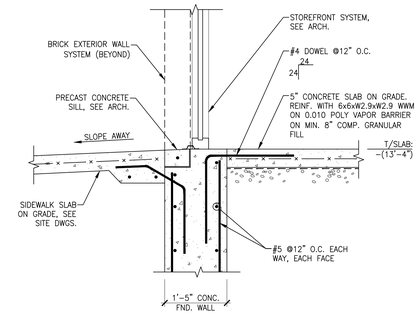
DRAWING TITLE:
SECTIONS & DETAILS

B ST9.02



4 / ST9.03 FOUNDATION SECTION AT VESTIBULE ADDITION ENTRY DOOR
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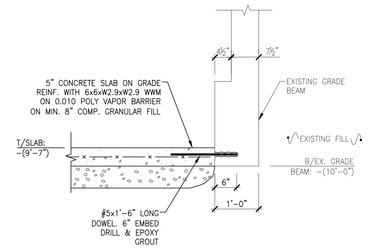

3 / ST9.03 SLAB EDGE DETAIL
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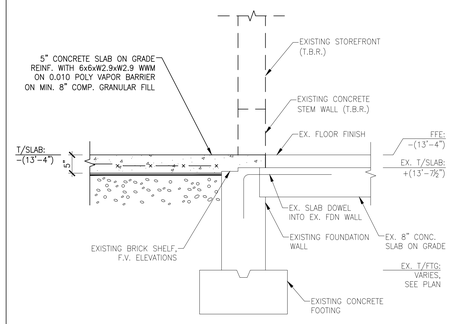
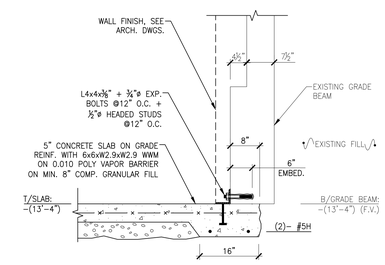
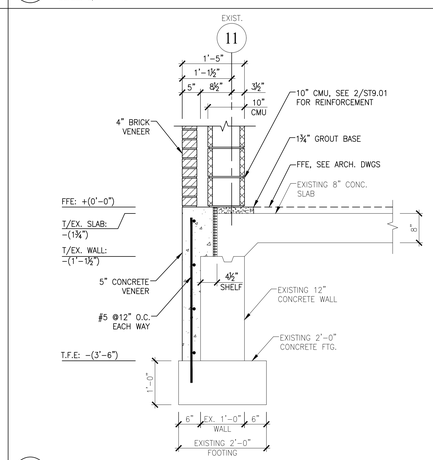


NOTE: REMOVE EXISTING STOREFRONT WALL, AND CONCRETE STEM DOWN TO EXISTING TOP OF SLAB LEVEL. DO NOT ALTER SLAB BEARING CONDITION INTO EXISTING FOUNDATION WALL

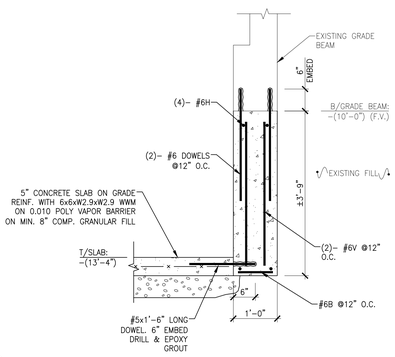
6 / ST9.03 FOUNDATION SECTION AT ADDITION
SCALE: 3/4"=1'-0"



2 / ST9.03 SLAB EDGE DETAIL
SCALE: 3/4"=1'-0"



5 / ST9.03 FOUNDATION WALL DETAIL AT 11 LINE
SCALE: 3/4"=1'-0"



1 / ST9.03 UNDERPINNING DETAIL
SCALE: 3/4"=1'-0"

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S & A PROJECT No. 25-7329

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

STATE OF NEW YORK — JONATHAN D. KING — 084049 — LICENSED PROFESSIONAL ARCHITECT

SEPTEMBER 30, 2029

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MARK	DATE	DESCRIPTION
A	10/01/2026	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **11/10/2025**

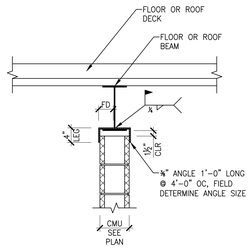
DRAWN BY: **JGL**

SCALE: **AS NOTED**

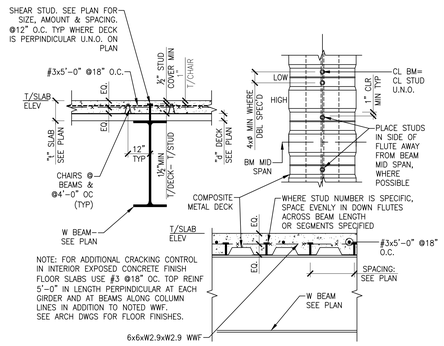
DRAWING TITLE:

SECTIONS & DETAILS

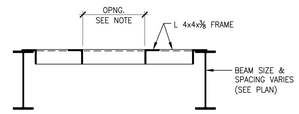
B ST9.03



20 ST9.04 TYPICAL TOP OF CMU WALL BRACING AT UNDERSIDE OF BEAM DETAIL
N.T.S.

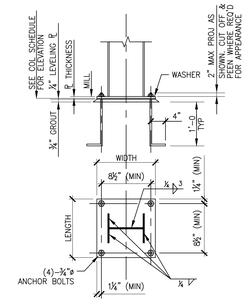


16 ST9.04 TYPICAL COMPOSITE CONSTRUCTION DETAILS
N.T.S.

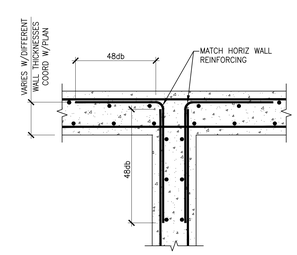


NOTE: VERIFY WITH MECH CONTRACTOR FOR MECH OPNGS AND VERIFY WITH ARCH DWGS FOR ROOF HATCHES. USE AT ROOF DRAIN LOCATIONS ALSO. ALL ROOF OPNGS LARGER THAN 6" ROUND OR 6" SQUARE REQUIRE A FRAMED OPNG, UNO.

12 ST9.04 TYPICAL ROOF OPENING DETAIL (BEAMS)
N.T.S.

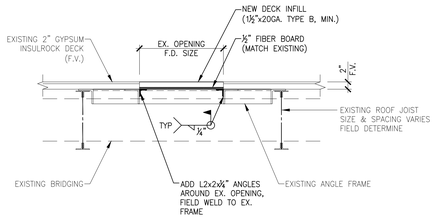


8 ST9.04 TYPICAL BASE PLATE DETAIL - W COLUMNS
N.T.S.



NOTE: db = DIAMETER OF REINF BAR

4 ST9.04 TYPICAL INTERSECTION DETAIL
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.

19 ST9.04 TYPICAL ROOF INFILL DETAIL AT GYPSUM/TECTUM DECK
N.T.S.

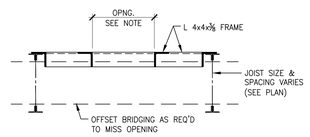
INTERIOR NON-LOAD BEARING LINTEL SCHEDULE		
WALL THICKNESS	MASONRY OPENING	
	UP TO 4'-0" (4" BEARING EACH END)	4'-0" TO 8'-0" (6" BEARING EACH END)
4"	WT4x6.5* OR L 4x3½x5/16	WT6x8* OR L 5x3½x5/16 LLV
6"	(2)-3x2½x5/16 LLH OR L 5x5x5/16	(2)-3½x2½x5/16 LLH OR L 5x5x5/16
8"	(2)-L 4x3½x5/16 LLV	(2)-L 5x3½x5/16 LLV
10"	L 4x4x5/16 L 5x5x5/16	L 4x4x5/16 L 5x5x5/16
12"	L 5x5x5/16 L 6x6x5/16	L 5x5x5/16 L 6x6x5/16
16"	(4)-L 3½x3½x5/16	(4)-L 5x3½x5/16 LLV

NOTE: (*) CUT FLANGES TO 3½" WIDTH AT BEARING EACH END.

LINTEL NOTES

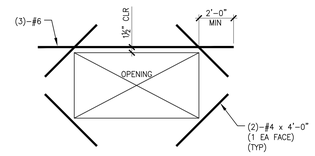
1. LINTELS NOT SHOWN ON STRUCTURAL PLANS.
2. SEE ARCHITECTURAL & MECH. DRAWINGS FOR SIZE & LOCATION OF ALL MASONRY OPENINGS (DOORS, WINDOWS, BULKHEADS ETC).
3. FOR SPECIAL CONDITIONS, SEE ARCHITECTURAL SCHEDULES OR SECTIONS.
4. FILL TOP (2) COURSES SOLID W/ CONC/ GROUT x 16" LONG UNDER EACH END OF LINTEL.

15 ST9.04 INTERIOR NON LOAD BEARING LINTEL SCHEDULE
N.T.S.

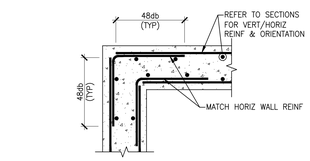


NOTE: VERIFY WITH MECH CONTRACTOR FOR MECH OPNGS AND VERIFY WITH ARCH DWGS FOR ROOF HATCHES. USE AT ROOF DRAIN LOCATIONS ALSO. ALL ROOF OPNGS LARGER THAN 6" ROUND OR 6" SQUARE REQUIRE A FRAMED OPNG, UNO.

11 ST9.04 TYPICAL ROOF OPENING DETAIL (JOISTS)
N.T.S.

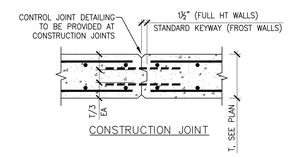


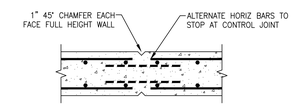
7 ST9.04 TYPICAL WALL OPENING DETAIL
N.T.S.



NOTE: db = DIAMETER OF REINF BAR

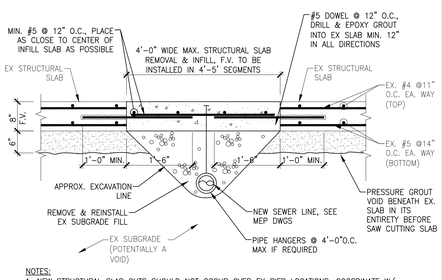
3 ST9.04 TYPICAL CORNER DETAIL
N.T.S.





NOTES:
1) LOCATION OF CONTROL JOINTS TO BE DETERMINED IN THE FIELD AT APPROXIMATELY 30'-0" OC.
2) LOCATION OF CONSTRUCTION JOINTS TO BE DETERMINED IN THE FIELD AND SUBMITTED FOR RECORD.
3) CONSTRUCTION AND CONTROL JOINTS NOT TO BE LOCATED INSIDE OR WITHIN 6'-0" OF STAIR, ELEVATOR, OR SIMILAR LARGE OPENINGS IN THE FLOOR.
4) ALIGN CONTROL JOINT WITH BRICK CONTROL JOINT ABOVE.

2A ST9.04 CONCRETE CONTROL JOINT DETAIL
N.T.S.



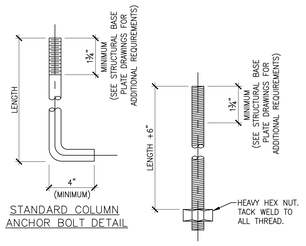
NOTES:
1. NEW STRUCTURAL SLAB CUTS SHOULD NOT OCCUR OVER EX PIER LOCATIONS, COORDINATE W/ PIER LOCATIONS ON STRUCTURAL FOUNDATION PLAN. COORDINATE CUT LOCATIONS W/ MEP DRAWINGS.
2. REMOVE EX SLAB AND INSTALL NEW SLAB INFILL IN 4'-5' SEGMENTS AT ONE TIME. ONCE PIPING AND SLAB ARE INSTALLED, NEXT SEGMENT CAN BE REMOVED AND INSTALLED. (2) SEGMENTS CAN BE INSTALLED AT ONCE IF THEY ARE ON OPPOSITE ENDS OF THE BUILDING.
3. A 4'-5' SEGMENT OF STRUCTURAL SLAB MUST BE LEFT IN PLACE BETWEEN SLAB CUTS. HAND DIG OR TRENCH UNDER PIECE TO REMAIN.

18 ST9.04 TYPICAL STRUCTURAL SLAB REPAIR DETAIL AT PIPE TRENCH LOCATIONS
SCALE: 3/4"=1'-0"

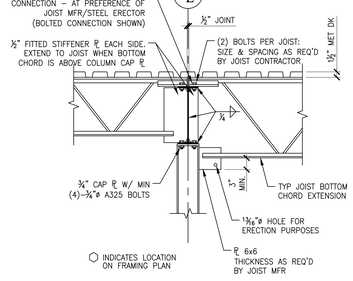
NOTE:
SEE BASE ℞ STRUCTURAL DWGS FOR ANCHOR BOLT SIZES AND LAYOUTS

DIAMETER	LENGTH
⅜"	10"
½"	1'-0"
⅝"	1'-0"
¾"	1'-3"
⅞"	1'-6"
1"	1'-9"
1⅛"	1'-10"
1¼"	2'-0"
1½"	2'-6"

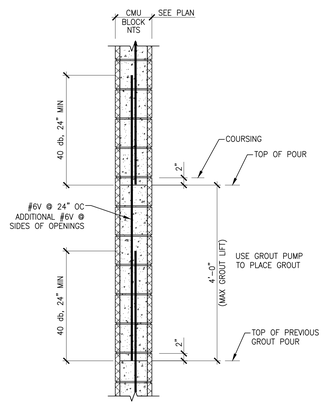
SCHEDULE OF MINIMUM RECOMMENDED ANCHOR BOLT LENGTHS



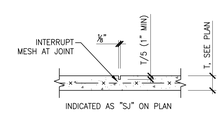
14 ST9.04 TYPICAL ANCHOR BOLT DETAIL & SCHEDULE
N.T.S.



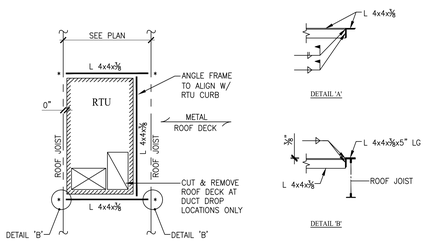
10 ST9.04 TYPICAL SQUARE END JOIST TO COLUMN CONNECTION DETAIL
N.T.S.



6 ST9.04 TYPICAL WALL GROUTING DETAIL
N.T.S.



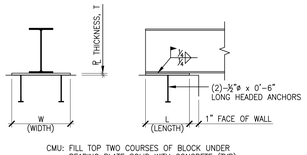
2 ST9.04 TYPICAL SAWN JOINT DETAIL
N.T.S.



TYP RTU SUPPORT PLAN – UNIT PARALLEL TO JOISTS
SCALE: NTS

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. PROVIDE JOIST REINFORCING FOR CONCENTRATED LOADS AT LOCATIONS SHOWN THUS " * ", SEE DETAIL.
4. ADD PT 2x4 WOOD BLOCKING BETWEEN TOP OF ANGLE & U/S OF METAL DECK FLUTE WHEN ANGLE & DECK SPANS ARE PARALLEL.

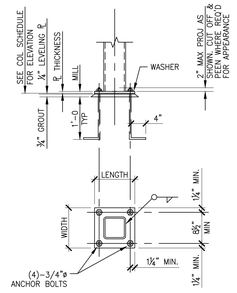
17 ST9.04 TYPICAL SAWN JOINT DETAIL
N.T.S.



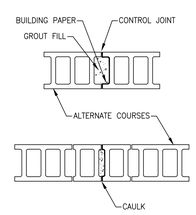
CMU: FILL TOP TWO COURSES OF BLOCK UNDER BEARING PLATE SOLID WITH CONCRETE (TYP)
CONCRETE: CAST IN PLACE WITH WALL CONSTRUCTION.

BEARING PLATE SCHEDULE				
MARK	W	T	L	REMARKS
BP-1	12"	¾"	7"	
BP-2	16"	¾"	7"	

13 ST9.04 TYPICAL BEARING PLATE DETAIL
N.T.S.

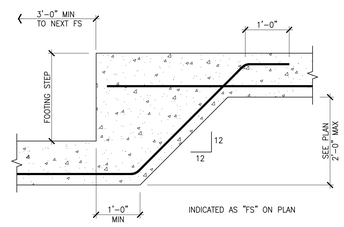


9 ST9.04 TYPICAL BASE PLATE DETAIL - TUBE COLUMNS
N.T.S.



NOTE: LOCATION TO BE DETERMINED IN THE FIELD AT APPROXIMATELY 30'-0" OC

5 ST9.04 TYPICAL MASONRY WALL CONTROL JOINT
N.T.S.



1 ST9.04 TYPICAL FOOTING STEP DETAIL
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S & A PROJECT No. 25-7329

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STATE OF NEW YORK · GERARD P. AUPPERLE · 080469 · LICENSED PROFESSIONAL ENGINEER

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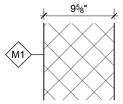
DRAWING DATE: 11/10/2025
DRAWN BY: JGL
SCALE: AS NOTED
DRAWING TITLE:
TYPICAL SECTIONS & DETAILS

B ST9.04

PARTITION TYPES

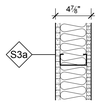
GENERAL NOTES:

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.



10" HOLLOW CONCRETE MASONRY UNITS

* MINIMUM EQUIVALENT THICKNESS: 5.3
* STC: 50
* FIRE RESISTANCE RATING: 1, 2, 3 HOURS WHERE INDICATED ON DRAWINGS
* REF. BCNYS TABLE 722.3.2 AND PARAGRAPH 722.3.2.3

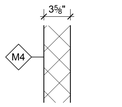


3 5/8" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ON BOTH SIDES

3 1/2" SOUND BATT INSULATION BETWEEN STUDS

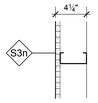
STC: 41

UL RATING: UL-U465, 1-HOUR

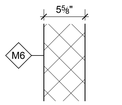


4" CONCRETE MASONRY UNITS

* MINIMUM EQUIVALENT THICKNESS: 2.7
* STC: 43
* FIRE RESISTANCE RATING: 1 HOUR WHERE INDICATED ON DRAWINGS
* REFERENCE BCNYS TABLE 722.3.2 AND PARAGRAPH 722.3.2.3

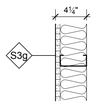


3 5/8" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' TO 6" ABOVE CEILING ONE SIDE



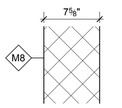
6" CONCRETE MASONRY UNITS

* MINIMUM EQUIVALENT THICKNESS: 3.1
* STC: 46
* FIRE RESISTANCE RATING: 1 HOUR WHERE INDICATED ON DRAWINGS
* REFERENCE BCNYS TABLE 722.3.2 AND PARAGRAPH 722.3.2.3



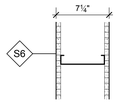
3 5/8" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ONE SIDE

3 1/2" SOUND BATT INSULATION BETWEEN STUDS



8" CONCRETE MASONRY UNITS

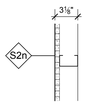
* MINIMUM EQUIVALENT THICKNESS: 4.0
* STC: 47
* FIRE RESISTANCE RATING: 1, 2 HOURS WHERE INDICATED ON DRAWINGS
* REFERENCE BCNYS TABLE 722.3.2 AND PARAGRAPH 722.3.2.3



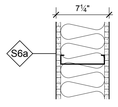
6" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ON BOTH SIDES

STC : 41

UL RATING : UL-U465, 1-HOUR



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

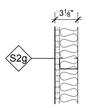


6" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ON BOTH SIDES

6" SOUND BATT INSULATION BETWEEN STUDS

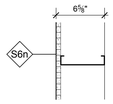
STC: 43

UL RATING : UL-U465, 1-HOUR

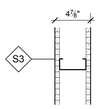


2 1/2" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' ONE SIDE

3 1/2" SOUND BATT INSULATION BETWEEN STUDS



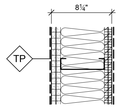
6" METAL STUDS
1 LAYER 5/8" GPDW TYPE 'X' TO 6" ABOVE CEILING ONE SIDE



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

STC : 39

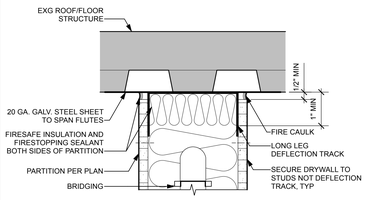
UL RATING : UL-U465, 1-HOUR



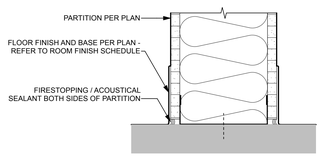
TEMPORARY PARTITION

SELF ADHERING AIR AND VAPOR BARRIER ON EXTERIOR FACING SIDE
(2) LAYERS 1/2" FIRE RATED PLYWOOD
6" METAL STUDS (25 GA.) @ 16" O.C. FILLED WITH R24 INSULATION
(2) LAYERS FIRE AND MOISTURE RESISTANT 5/8" GPDW
6-MIL FLAME RETARDANT POLYETHYLENE LINER ON INTERIOR FACING SIDE

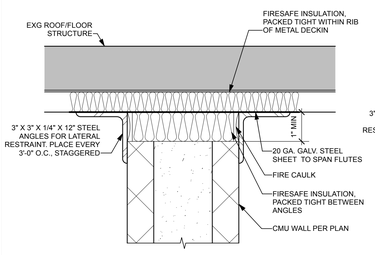
NOTE: ALL NEW FIRE RATED PARTITIONS AT ACCESSIBLE CEILINGS ARE TO BE MARKED & IDENTIFIED WITH SIGNAGE PLACED IN THE CONCEALED SPACE. REFER TO SPEC SECTION 101400 FOR ADDITIONAL INFORMATION.



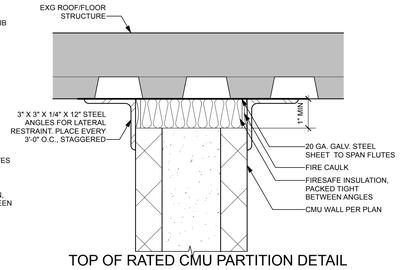
B1 / B A0.00 TOP OF RATED STUD PARTITION DETAIL
Scale: 3" = 1'-0"



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



A1 / B A0.00 TOP OF RATED CMU PARTITION DETAIL (RIBS OF DECK PERPENDICULAR)
Scale: 3" = 1'-0"



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

TOILET FIXTURES AND ACCESSORIES MOUNTING HEIGHT SCHEDULE

DIMENSIONS GIVEN ARE FOR MOUNTING HEIGHTS AS ILLUSTRATED BY THE TOILET FIXTURES ELEVATIONS BELOW. FOR ADDITIONAL DIMENSION AND CLEARANCE REQUIREMENTS, REFER TO THE FEDERAL REGISTER ADA ACCESSIBLE GUIDELINES OR ICC/ANSI A117.1 - 2009. ANY REFERENCED CODE SECTIONS REFER TO ICC/ANSI A117.1 - 2009.

SEE ACCESSIBLE PLANS AND ELEVATIONS BELOW FOR CLEARANCE AND DIMENSION REQUIREMENTS.

	ITEM	ADULT (1)	ADA ADULT (2)	CHILD (3)	NOTES		ITEM	ADULT (1)	ADA ADULT (2)	CHILD (3)	NOTES
A	DRINKING FOUNTAIN	38" - 43"	36" MAX	30" MAX (A)	STANDING (1) WHEELCHAIR (2)	Q	TOWEL BAR	48"	(C)	3'-0"	
B	MIRROR	40"	40"	34"	35" MAX WHEN NOT BEHIND LAV OR COUNTER	R	HAIR DRYER	60"	4'-0" MAX	3'-0"	
C	SST SHELF	50"	40" - 48" (B)	34"		S	COAT HOOK	64"	(C)	3'-0"	
D	LAVATORY	34"	34" MAX	31"	CHILDREN 6-12	T	SHOWER SEAT	N/A	17" - 19"	1'-2"	HEIGHT TO TOP OF SEAT
E	SOAP DISPENSER	43"	(C)	34"		U	SOAP DISH @ SHOWER	48"	38" - 48"	3'-0"	
F	FACIAL TISSUE DISP.	48"	(C)	30"		V	SHOWER CURTAIN ROD	74"	74"	74"	
G	PAPER TOWEL DISP.	48"	(C)	30"		W	SHOWER HEAD/HAND SHOWER	74"	38" - 48"	48"	HAND SHOWER WITH MIN 59" HOSE
H	HAND DRYER	36"	(C)	30"		X	GRAB BAR @ TUB	N/A	33" - 36"	20"	REFER TO ELEVATION
I	URINAL	24"	17" MAX	17"		Y	SOAP DISH @ TUB	27"	27"	27"	
J	TOILET PAPER HOLDER	18" MIN	18" MIN (D)	18" MIN		Z	CONTROLS @ TUB	32"	32"	32"	REFER TO ELEVATION
K	T.O. TOILET SEAT	17"	17" - 19"	11" - 17"		AA	CONTROLS @ SHOWER	40"	38" - 48"	36"	REFER TO ELEVATION
L	GRAB BAR	N/A	33" - 36" (E)	18"-27" (E)	HEIGHT TO TOP OF GRAB BAR	AB	GRAB BAR @ SHOWER	N/A	33" - 36"	18" - 24"	HEIGHT TO TOP OF GRAB BAR
M	TOIL PART. PUSH PLATE	36"	34" - 48"	36"		AC	COUNTER HEIGHT	36"/42"	34" MAX	26" - 30" MAX	
N	SAN. NAP. DISPENSER	40"	(C)	N/A		AD	BATHTUB	19"	18"	17"	
O	SAN. NAP. DISPOSAL	18"	18" MIN (D)	N/A		AE	VERTICAL GRAB BAR	N/A	39" - 41"	21" - 30"	HEIGHT TO BOTTOM OF BAR AT TOILET STALL
P	WASTE RECEPTACLE	34"	(C)	24"		AF	BABY CHANGING STATION	27"	28" - 34" MAX (F)	NA	

KEYED NOTES

(A)	30" TO SPOUT ABOVE FINISH FLOOR IS PERMITTED IF PARALLEL APPROACH COMPLYING WITH SECTION 305 IS PROVIDED, AND CLEAR FLOOR SPACE IS CENTERED ON DRINKING FOUNTAIN.
(B)	4" DEEP SHELF MAX FOR LOCATIONS IN A CLEAR FLOOR SPACE OR IN AN ACCESSIBLE PATH OF TRAVEL.
(C)	UNOBSTRUCTED HEIGHT: 15" - 48" ABOVE FINISH FLOOR. OBSTRUCTED HEIGHT: 48" MAX ABOVE FLOOR WHERE MAX REACH DEPTH IS 20"; 44" MAX ABOVE FLOOR WHERE REACH DEPTH IS 20"-25". DISTANCE ABOVE FLOOR IS MEASURED TO OPERATOR OR DISPENSER LOCATION. REFER TO TABLE 603.6 FOR MAX REACH AND DEPTH DIMENSIONS.
(D)	WHEN TOILET PAPER DISPENSER IS MOUNTED BELOW A GRAB BAR, PROVIDE MIN 1-1/2" CLEAR BETWEEN TOP OF DISPENSER AND BOTTOM OF GRAB BAR.
(E)	MOUNTING HEIGHT FOR GRAB BAR TO BE COORDINATED WITH ACCESSORIES MOUNTED BELOW GRAB BAR, AND WITH WATER CLOSET TANK/FLUSH VALVE.
(F)	HEIGHT MEASURED TO TOP OF WORK SURFACE.

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.

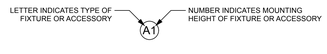
COLUMNS

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

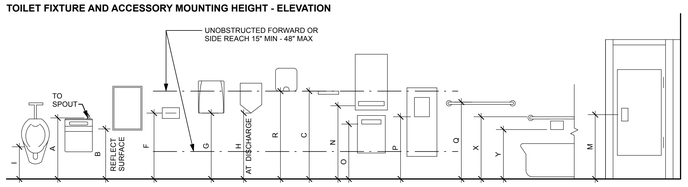
TOILET FIXTURES AND ACCESSORIES

FIXTURE SYMBOLS

TOILET FIXTURE AND ACCESSORY SYMBOL (KEYED ON ENLARGED PLANS)



TOILET FIXTURE AND ACCESSORY MOUNTING HEIGHT - ELEVATION



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(ly)
ARCH: architectural)
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 or both sides
BSMT: basement
BUR: built-up roof

C: courses
CL: 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 or EQUIP: equipment
ETC: etcetera
ETR: existing to remain
EWC: electric watercooler
EJ: expansion joint
EXCA: excavation
EXG: existing
EXP: expansion or exposed
EXT: exterior

FAB: fabric
FD: floor drain
FE: fire extinguisher
FEC: fire extinguisher cabinet
FF: finish floor
FIN: finish
FLG: flashing
FLR: floor
FND: foundation
FO: face of
FP: fireproof or fire protection
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 or 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 or HGT: height
HVAC: heating, ventilating, & air conditioning
HW: hardware
HWD: hardwood

ID: inside diameter
IG: insulating glass
INS or INSUL: insulation
INT: interior
INV: invert
ITFG: insulated tempered float glass
INFO: information
IWB: interactive white board

JST: joist
JC or JAN: janitor's closet
JT: joint

KP: kickplate

LIN: linoleum
LKR: locker
LOC: location
LLH: long leg horizontal
LLV: long leg vertical

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

NO or #: 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: 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 or P: pair
PT: pressure treated
PRF: preformed
PSI: pounds per square inch
PWD or 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) or revised
RF T: 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 or SCHED: schedule
SECT: section
SFCMU: split face cmu
SF or SQFT: square foot
SGT: structural glazed facing tile
SHT: sheet
SHTG: sheathing
SIM: similar
SIN or 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 or SQYD: square yard

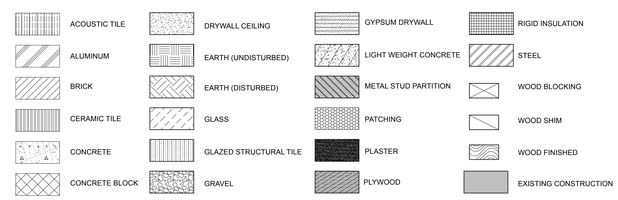
T: tread
TB: tackboard
T&B: top and bottom
T&G: tongue and groove
TEMP: temperature or temporary
TERR or TZ: terrazzo
TH or THK: thick(ness)
THD: threshold
TLT or TOIL: toilet
TO: top of
TOC or T/C: top of concrete
TOF or T/F: top of footing
TOJ: top of joist
TOM: top of masonry
TOS: top of steel
TOW: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

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

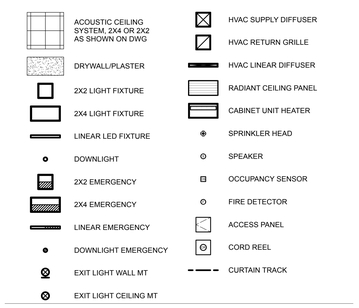
VAT: vinyl asbestos tile
VB: vapor barrier
VCT: vinyl composition tile
VERT: vertical
VEST: vestibule
VIF: verify in field
VWF: vinyl wall fabric
VIN: vinyl
VWC: vinyl wall covering

W: wide, width, or west
W/: with
WO: 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

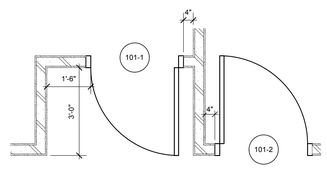
MATERIAL INDICATION



REFLECTED CEILING PLAN SYMBOLS

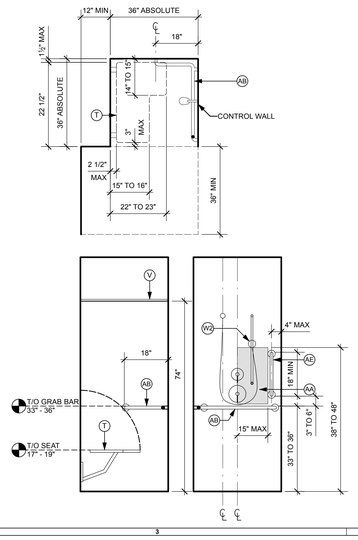


TYPICAL DOOR DIMENSIONS



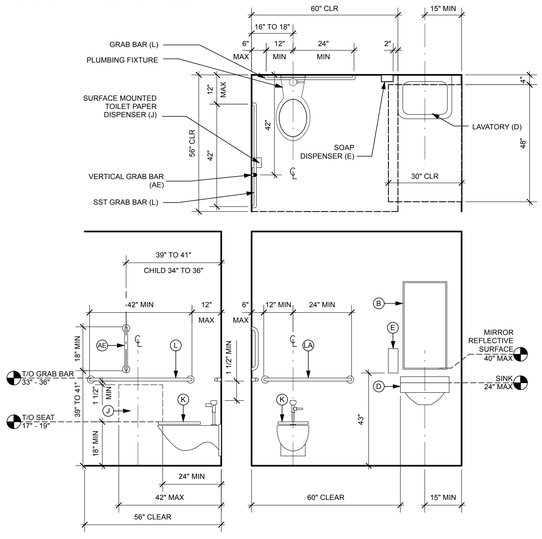
TYPICAL TOILET FIXTURES AND ACCESSORIES LAYOUT

TYPICAL ACCESSIBLE TRANSFER-TYPE SHOWER STALL

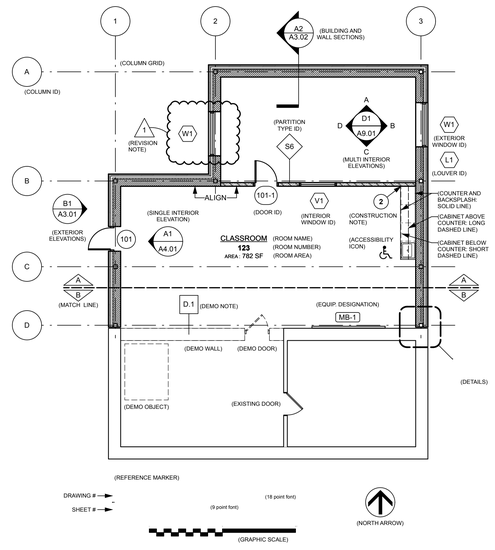


TYPICAL ACCESSIBLE TOILET ROOM

REFER TO ICC/ANSI A117.1 - 2009, FIGURE 607.4.1 FOR RECESSED FIXTURE MOUNTING DIMENSIONS



GRAPHIC SYMBOLS



king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

License Expiration Date: 5/31/2029

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DRAWING TITLE:

LEGENDS, SYMBOLS, AND DETAILS

B A0.00

PROJECT NORTH

B1
B A0.01

PARTIAL DEMOLITION PLAN - GROUND FLOOR - AREA 'A'

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

KEYED DEMOLITION NOTES

NOTE: NOT ALL NOTES LISTED BELOW APPLY TO THIS SHEET. REFER TO SHEET BA0.01 FOR GENERAL DEMOLITION NOTES AND BA0.00 FOR LEGENDS & SYMBOLS.

WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.2 REMOVE HOLLOW METAL DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.3 REMOVE FRP/ALUMINUM DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.4 REMOVE WOOD DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.5 REMOVE A PORTION OF EXG STOREFRONT SYSTEM. REFER TO DETAILS ON B/A9.01. SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

A.6 REMOVE FRP DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.7 REMOVE WINDOW, FRAME, SILL, WINDOW TREATMENTS, AND ALL ATTACHMENTS COMPLETE.

A.8 REMOVE LOUVER COMPLETE, COORDINATE WITH HVAC CONTRACTOR.

B. FOLDING / OPERABLE WALLS DEMOLITION

B.1 REMOVE FOLDING PARTITION AND TRACK COMPLETE, INCLUDING ALL WALL MOUNTED ACCESSORIES AND WIRING. PATCH REMAINING SURFACES. COORDINATE WITH ELECTRICAL DRAWINGS AND CONTRACTOR.

C. LOCKER DEMOLITION

C.1 REMOVE LOCKERS, BENCHES, CONRETE BASE, TRIM AND ALL ATTACHMENTS COMPLETE. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D. INTERIOR WALL AND FINISH DEMOLITION

D.1 REMOVE A PORTION OF MASONRY WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D.2 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS. DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

D.3 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS. DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

D.4 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS. DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMAIN.

D.5 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS. DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

D.6 REMOVE PORCELAIN WALL TILE AND BOND COAT COMPLETE. SCARIFY FACE OF UNDERLYING MORTAR BED AND PREPARE FOR NEW WORK.

D.7 REMOVE VINYL BASE COMPLETE. PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.

E. TOILET PARTITIONS DEMOLITION

E.1 REMOVE TOILET PARTITIONS AND SCREENS COMPLETE.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE PLASTER CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REMOVE SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.4 REMOVE SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.5 REMOVE BULKHEAD AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.6 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. REMOVE PLASTER CEILING AND SUSPENSION SYSTEM ABOVE LAY-IN CEILING.

G.7 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILIGN AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK BY OTHERS. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS, COORDINATE WITH HVAC CONTRACTOR. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN A SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXG.

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

H. EXTERIOR DEMOLITION

H.1 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO EXISTING FASCIA. EXISTING COLUMNS AND BEAMS TO BE REMOVED, REFER TO STRUTURAL DRAWINGS. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.2 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO BOTTOM OF STRUCTURE. EXISTING COLUMNS AND BEAMS TO REMAIN. TEMPORARILY SHORE EXISTING FASCIA CONSTRUCTION AS NEEDED UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.3 REMOVE A PORTION OF EXTERIOR SOFFIT CONSTRUCTION AS INDICATED ON DRAWINGS. COORDINATE WITH PARTIAL REMOVAL & MODIFICATION OF ADJACENT CURTAIN WALL. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE

H.4 GENERAL CONTRACTOR TO REMOVE PORCELAIN PANELS, EXTERIOR SOFFIT, BACKUP CONSTRUCTION AND ALL ATTACHMENTS COMPLETE. EXISTING COLUMNS AND BEAMS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

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

J. STEEL DEMOLITION - REFER TO STRUCTURAL DRAWINGS

K. FLOOR DEMOLITION

K.1 REMOVE EXISTING PRECAST TERRAZZO STAIR TREADS AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.2 REMOVE A PORTION OF TERRAZZO FLOORING AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXISTING CONTROL JOINTS. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.3 REMOVE A PORTION OF PORCELAIN TILE FLOORING, BASE AND MORTAR BED COMPLETE TO CONCRETE. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.4 REMOVE A PORTION OF TERRAZZO COVE BASE AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXG CONTROL JOINT. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.5 SAND EXG TERRAZZO FLOORING TO REMOVE ALL GLAZE AND WAX. FILL ALL CRACKS AND OTHER DEPRESSIONS WITH CEMENTITIOUS LEVELING FILL. PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

K.6 REMOVE CERAMIC MOSAIC TILE, BASE, BOND COAT AND MORTAR BED COMPLETE TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFED, PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF EXISTING DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.7 REMOVE CONCRETE SHOWER CURB TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.8 REMOVE VINYL FLOORING, 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.9 REMOVE QUARRY TILE FLOORING, BASE, AND MORTAR BED COMPLETE TO CONCRETE SLAB. PREPARE SLAB FOR NEW FINISH AS SCHEDULED. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFED, PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.10 REMOVE ABANDONED LOCKER BASE TO CONCRETE SLAB. PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.11 REMOVE EXISTING CAST IN PLACE TERRAZZO STAIR LANDING AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.12 GC TO SAW CUT EXG CONCRETE SLAB TO PROVIDE ACCESS TO PIPING BELOW. COORDINATE LOCATIONS AND SIZES WITH PLUMBING CONTRACTOR AND DRAWINGS. UPON COMPLETION OF NEW WORK PLUMBING CONTRACTOR TO PROVIDE BACKFILL AND GC TO PATCH SLAB TO MATCH EXG AND PREPARE FOR NEW FINISH

K.13 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE, 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.14 REMOVE CEMENTITIOUS UNDERLAYMENT RAMP AT DOORWAY DOWN TO EXG STRUCTURAL SLAB TO REMAIN.

K.15 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR VCT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR VCT. REFER TO ENVIRONMENTAL DRAWINGS, GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLTION

K.16 REMOVE AND SALVAGE TEMPORARY SPORTS FLOORING. REINSTALL IN A NEW LOCATION AS DIRECTED BY THE ARCHITECT AND THE DISTRICT'S REPRESENTATIVE.

L. MILLWORK DEMOLITION

L.1 REMOVE BASE CABINETS, COUNTERTOPS, WALL CABINETS, TALL CABINETS, BOOKSHELVES AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED TOILET ACCESSORIES INCLUDING (BUT NOT LIMITED TO) PAPER TOWEL AND SOAP DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS, SHELVES, DRYERS, AND SANITARY NAPKIN DISPENSERS AND DISPOSAL. TURN OVER TO OWNER.

M.2 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. STORE ON SITE WHERE DIRECTED BY OWNER.

M.3 REMOVE BRICK AND STEEL INCINERATOR BOX AND ATTACHMENTS COMPLETE, COORDINATE WITH ELECTRICAL AND HVAC CONTRACTORS. PATCH EXG CONSTRUCTION TO REMAIN TO MATCH EXG AT AREA OF REMOVAL.

M.4 REMOVE BASKETBALL BACKSTOP. BACKBOARD, MOTOR, SUPPORTS AND ACCESSORIES COMPLETE. SALVAGE BASKETBALL BACKBOARDS AND TURN OVER TO OWNER. COORDINATE WITH ELECTRICAL CONTRACTOR.

M.5 REMOVE WALL PADDING, WOOD BLOCKING AND TRIM COMPLETE.

M.6 REMOVE AND SALVAGE ROCK CLIMBING SYSTEM, WALL PADS AND ACCESSORIES COMPLETE, STORE IN A SAFE PLACE FOR REINSTALLATION IN NEW WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED PANELS AND/OR ACCESSORIES TO MATCH EXG.

N. COORDINATION WITH MEP TRADES DEMOLITION

N.1 ELEC CONTRACTOR TO REMOVE ELECTRICAL PANEL. COORDINATE WITH REMOVAL OF ADJACENT WALL AND CEILING.

N.2 HVAC CONTRACTOR TO REMOVE FIN TUBE AND COVER. COORDINATE WITH REMOVAL OF ADJACENT CURTAIN WALL AND EXTERIOR WALL CONSTRUCTION.

N.3 HVAC CONTRACTOR TO REMOVE UNIT VENTILATOR AND FIN TUBE COVER. GC TO COORDINATE WITH FLOORING REMOVALS.

N.4 AFTER FLOOR DRAIN REMOVAL BY PLUMBING CONTRACTOR, SCARIFY CONCRETE SLAB SURFACE AT AREA SLOPED TO FLOOR DRAIN AND FILL DEPRESSION WITH SELF-LEVELING CEMENTITIOUS UNDERLAYMENT, UP TO LEVEL WITH FINISHED SLAB SURFACE.

N.5 PLUMBING FIXTURE REMOVAL BY PLUMBING CONTRACTOR. COORDINATE WITH REMOVAL OF ADJACENT FLOOR AND/OR WALL CONSTRUCTION.

DEMOLITION LEGEND

HATCH INDICATES AREA OF TERRAZZO REMOVAL
- REFER TO KEYED DEMOLITION NOTE **K.2**.

HATCH INDICATES AREA OF TRENCHING
- REFER TO KEYED DEMOLITION NOTE **K.12**.

HATCH INDICATES AREA OF CEILING TILE AND GRID TO BE REMOVED FOR MEP ACCESS
- REFER TO KEYED DEMOLITION NOTE **G.7**.

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 B/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 SALVAGE MATERIALS AND EQUIPMENT AND TURN OVER TO THE OWNER AS INDICATED. SALVAGING SHALL INCLUDE THE REMOVAL OF INTACT ASSEMBLIES, THEIR STORAGE, PROTECTION, ORGANIZING AND RELOCATION UNLESS OTHERWISE INDICATED OR AS DIRECTED.

GN-19 WHEN REMOVING A UNIQUE, CUSTOM, OR DIFFICULT TO OBTAIN MATERIAL, VERIFY SALVAGE OPTIONS WITH OWNER'S REPRESENTATIVE PRIOR TO DISCARDING. EXAMPLES MAY INCLUDE GLAZED BLOCK, MOLDED BRICKS, CAST TERRAZZO BASE, ETC.

GN-20 WHEN REMOVING ITEMS INDICATED FOR REINSTALLATION, REMOVAL SHALL INCLUDE TRIM, ACCESSORIES, MOUNTING HARDWARE, ETC. REQUIRED FOR REINSTALLATION.

GN-21 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-22 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-23 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-24 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-25 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.

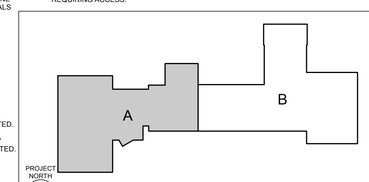
GN-26 WHERE NEW OPENINGS ARE INDICATED IN UNIT MASONRY THAT WILL BE LEFT EXPOSED, PATCH MASONRY WITH IN-KIND UNITS WITH FINISHED SURFACES, TOOTHED IN, TO MATCH SURROUNDING COURSING AND BOND. PROVIDE NEW LINTEL UNLESS OTHERWISE INDICATED.

GN-29 WHERE REMOVAL OF WINDOWS IS INDICATED WITHOUT REPLACEMENT, REMOVE WINDOW TREATMENTS AND TURN OVER TO THE OWNER UNLESS OTHERWISE INDICATED OR DIRECTED. WHERE REMOVAL OF DOORS IS INDICATED, REMOVE HARDWARE, BOX, LABEL, AND TURN OVER TO THE OWNER UNLESS OTHERWISE INDICATED OR DIRECTED.

GN-30 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-31 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-32 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.



PROJECT NORTH

KEY PLAN - DEMO

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7966**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KENNY B. TARDIOLO D. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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DRAWING DATE: **11/10/2025**

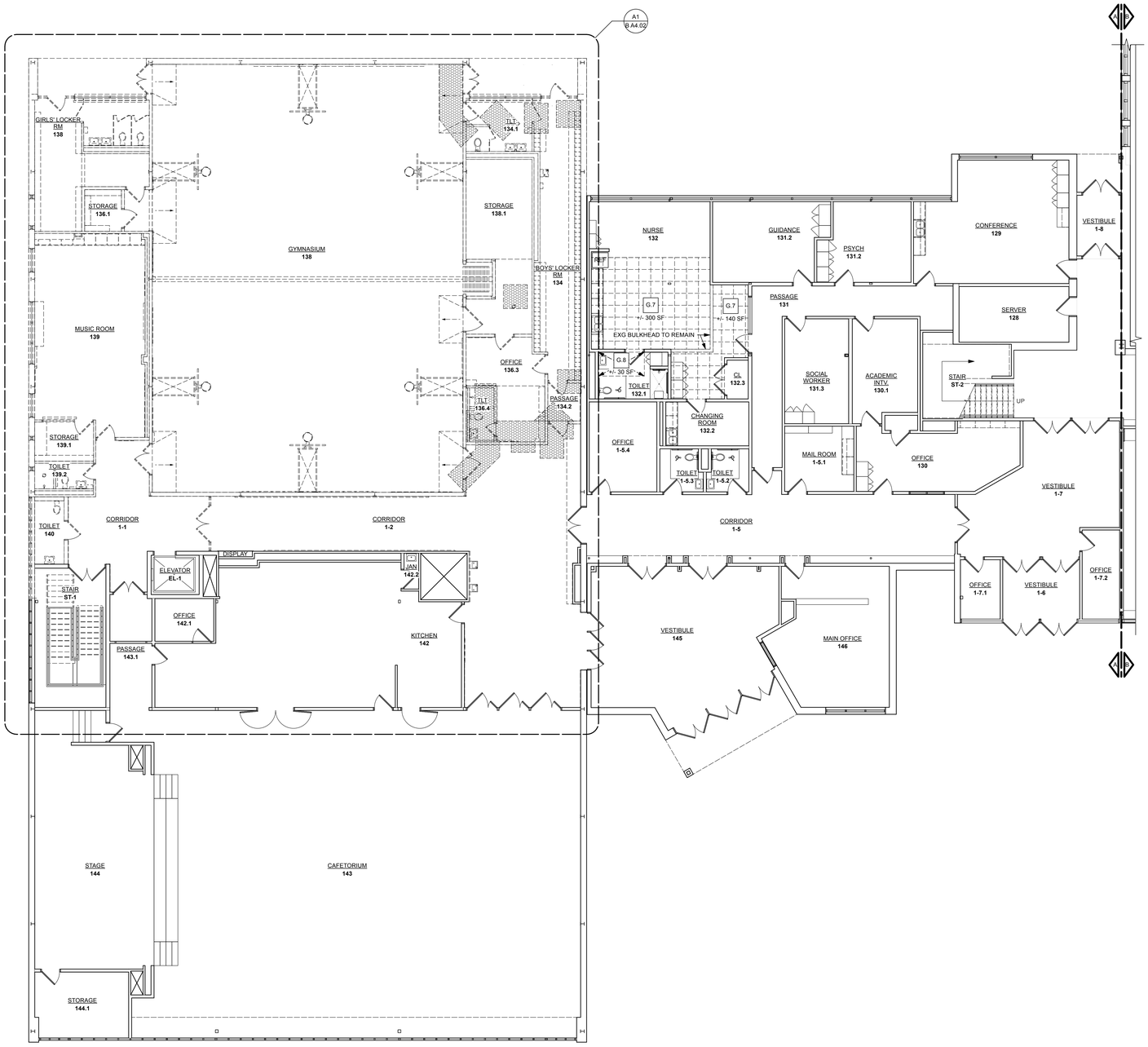
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

PARTIAL DEMOLITION PLAN - GROUND FLOOR AREA 'A'

B A0.01



PROJECT NORTH

B1 / B A0.02

PARTIAL DEMOLITION PLAN - FIRST FLOOR - AREA 'A'

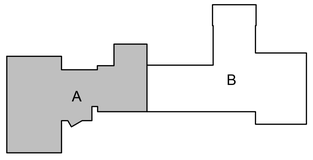
Scale: 1/8" = 1'-0"

DEMOLITION LEGEND

HATCH INDICATES AREA OF TERRAZZO REMOVAL
- REFER TO KEYED DEMOLITION NOTE K.2

HATCH INDICATES AREA OF TRENCHING
- REFER TO KEYED DEMOLITION NOTE K.12

HATCH INDICATES AREA OF CEILING TILE AND GRID TO BE REMOVED FOR MEP ACCESS
- REFER TO KEYED DEMOLITION NOTE G.7



PROJECT NORTH

KEY PLAN - DEMO

KEYED DEMOLITION NOTES

NOTE: NOT ALL NOTES LISTED BELOW APPLY TO THIS SHEET. REFER TO SHEET BA0.01 FOR GENERAL DEMOLITION NOTES AND BA0.00 FOR LEGENDS & SYMBOLS.

WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.2 REMOVE HOLLOW METAL DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.3 REMOVE FRP/ALUMINUM DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.4 REMOVE WOOD DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.5 REMOVE A PORTION OF EXG STOREFRONT SYSTEM. REFER TO DETAILS ON B/A9.01. SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

A.6 REMOVE FRP DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.7 REMOVE WINDOW, FRAME, SILL, WINDOW TREATMENTS, AND ALL ATTACHMENTS COMPLETE.

A.8 REMOVE LOUVER COMPLETE, COORDINATE WITH HVAC CONTRACTOR.

B. FOLDING / OPERABLE WALLS DEMOLITION

B.1 REMOVE FOLDING PARTITION AND TRACK COMPLETE, INCLUDING ALL WALL MOUNTED ACCESSORIES AND WIRING. PATCH REMAINING SURFACES. COORDINATE WITH ELECTRICAL DRAWINGS AND CONTRACTOR.

C. LOCKER DEMOLITION

C.1 REMOVE LOCKERS, BENCHES, CONRETE BASE, TRIM AND ALL ATTACHMENTS COMPLETE. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D. INTERIOR WALL AND FINISH DEMOLITION

D.1 REMOVE A PORTION OF MASONRY WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D.2 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

D.3 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED. REFER TO STRUCTURAL DRAWINGS.

D.4 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMAIN.

D.5 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED. REFER TO STRUCTURAL DRAWINGS.

D.6 REMOVE PORCELAIN WALL TILE AND BOND COAT COMPLETE. SCARIFY FACE OF UNDERLYING MORTAR BED AND PREPARE FOR NEW WORK.

D.7 REMOVE VINYL BASE COMPLETE. PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.

E. TOILET PARTITIONS DEMOLITION

E.1 REMOVE TOILET PARTITIONS AND SCREENS COMPLETE.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE PLASTER CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REMOVE SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.4 REMOVE SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.5 REMOVE BULKHEAD AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.6 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. REMOVE PLASTER CEILING AND SUSPENSION SYSTEM ABOVE LAY-IN CEILING.

G.7 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILIGN AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK BY OTHERS. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. COORDINATE WITH HVAC CONTRACTOR. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN A SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXG.

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

H. EXTERIOR DEMOLITION

H.1 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO EXISTING FASCIA. EXISTING COLUMNS AND BEAMS TO BE REMOVED. REFER TO STRUTURAL DRAWINGS. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.2 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO BOTTOM OF STRUCTURE. EXISTING COLUMNS AND BEAMS TO REMAIN. TEMPORARILY SHORE EXISTING FASCIA CONSTRUCTION AS NEEDED UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.3 REMOVE A PORTION OF EXTERIOR SOFFIT CONSTRUCTION AS INDICATED ON DRAWINGS. COORDINATE WITH PARTIAL REMOVAL & MODIFICATION OF ADJACENT CURTAIN WALL. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.4 GENERAL CONTRACTOR TO REMOVE PORCELAIN PANELS, EXTERIOR SOFFIT. BACKUP CONSTRUCTION AND ALL ATTACHMENTS COMPLETE. EXISTING COLUMNS AND BEAMS TO BE REMOVED. REFER TO STRUCTURAL DRAWINGS.

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

J. STEEL DEMOLITION - REFER TO STRUCTURAL DRAWINGS

K. FLOOR DEMOLITION

K.1 REMOVE EXISTING PRECAST TERRAZZO STAIR TREADS AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.2 REMOVE A PORTION OF TERRAZZO FLOORING AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXISTING CONTROL JOINTS. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.3 REMOVE A PORTION OF PORCELAIN TILE FLOORING, BASE AND MORTAR BED COMPLETE TO CONCRETE. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.4 REMOVE A PORTION OF TERRAZZO COVE BASE AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXG CONTROL JOINT. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.5 SAND EXG TERRAZZO FLOORING TO REMOVE ALL GLAZE AND WAX. FILL ALL CRACKS AND OTHER DEPRESSIONS WITH CEMENTITIOUS LEVELING FILL. PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

K.6 REMOVE CERAMIC MOSAIC TILE, BASE, BOND COAT AND MORTAR BED COMPLETE TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFED, PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF EXISTING DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.7 REMOVE CONCRETE SHOWER CURB TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.8 REMOVE VINYL FLOORING, 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.9 REMOVE QUARRY TILE FLOORING, BASE, AND MORTAR BED COMPLETE TO CONCRETE SLAB. PREPARE SLAB FOR NEW FINISH AS SCHEDULED. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFED. PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.10 REMOVE ABANDONED LOCKER BASE TO CONCRETE SLAB. PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.11 REMOVE EXISTING CAST IN PLACE TERRAZZO STAIR LANDING AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.12 GC TO SAW CUT EXG CONCRETE SLAB TO PROVIDE ACCESS TO PIPING BELOW. COORDINATE LOCATIONS AND SIZES WITH PLUMBING CONTRACTOR AND DRAWINGS. UPON COMPLETION OF NEW WORK PLUMBING CONTRACTOR TO PROVIDE BACKFILL AND GC TO PATCH SLAB TO MATCH EXG AND PREPARE FOR NEW FINISH

K.13 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE 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.14 REMOVE CEMENTITIOUS UNDERLAYMENT RAMP AT DOORWAY DOWN TO EXG STRUCTURAL SLAB TO REMAIN.

K.15 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR VCT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR VCT. REFER TO ENVIRONMENTAL DRAWINGS, GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.16 REMOVE AND SALVAGE TEMPORARY SPORTS FLOORING. REINSTALL IN A NEW LOCATION AS DIRECTED BY THE ARCHITECT AND THE DISTRICT'S REPRESENTATIVE.

L. MILLWORK DEMOLITION

L.1 REMOVE BASE CABINETS, COUNTERTOPS, WALL CABINETS, TALL CABINETS, BOOKSHELVES AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED TOILET ACCESSORIES INCLUDING (BUT NOT LIMITED TO) PAPER TOWEL AND SOAP DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS, SHELVES, DRYERS, AND SANITARY NAPKIN DISPENSERS AND DISPOSAL. TURN OVER TO OWNER.

M.2 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. STORE ON SITE WHERE DIRECTED BY OWNER.

M.3 REMOVE BRICK AND STEEL INCINERATOR BOX AND ATTACHMENTS COMPLETE. COORDINATE WITH ELECTRICAL AND HVAC CONTRACTORS. PATCH EXG CONSTRUCTION TO REMAIN TO MATCH EXG AT AREA OF REMOVAL.

M.4 REMOVE BASKETBALL BACKSTOP. BACKBOARD, MOTOR, SUPPORTS AND ACCESSORIES COMPLETE. SALVAGE BASKETBALL BACKBOARDS AND TURN OVER TO OWNER. COORDINATE WITH ELECTRICAL CONTRACTOR.

M.5 REMOVE WALL PADDING, WOOD BLOCKING AND TRIM COMPLETE.

M.6 REMOVE AND SALVAGE ROCK CLIMBING SYSTEM, WALL PADS AND ACCESSORIES COMPLETE. STORE IN A SAFE PLACE FOR REINSTALLATION IN NEW WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED PANELS AND/OR ACCESSORIES TO MATCH EXG.

N. COORDINATION WITH MEP TRADES DEMOLITION

N.1 ELEC CONTRACTOR TO REMOVE ELECTRICAL PANEL. COORDINATE WITH REMOVAL OF ADJACENT WALL AND CEILING.

N.2 HVAC CONTRACTOR TO REMOVE FIN TUBE AND COVER. COORDINATE WITH REMOVAL OF ADJACENT CURTAIN WALL AND EXTERIOR WALL CONSTRUCTION.

N.3 HVAC CONTRACTOR TO REMOVE UNIT VENTILATOR AND FIN TUBE COVER. GC TO COORDINATE WITH FLOORING REMOVALS.

N.4 AFTER FLOOR DRAIN REMOVAL BY PLUMBING CONTRACTOR, SCARIFY CONCRETE SLAB SURFACE AT AREA SLOPED TO FLOOR DRAIN AND FILL DEPRESSION WITH SELF-LEVELING CEMENTITIOUS UNDERLAYMENT, UP TO LEVEL WITH FINISHED SLAB SURFACE.

N.5 PLUMBING FIXTURE REMOVAL BY PLUMBING CONTRACTOR. COORDINATE WTH REMOVAL OF ADJACENT FLOOR AND/OR WALL CONSTRUCTION.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7966**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KENNY B. TARDIF D. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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DRAWING DATE: **11/10/2025**

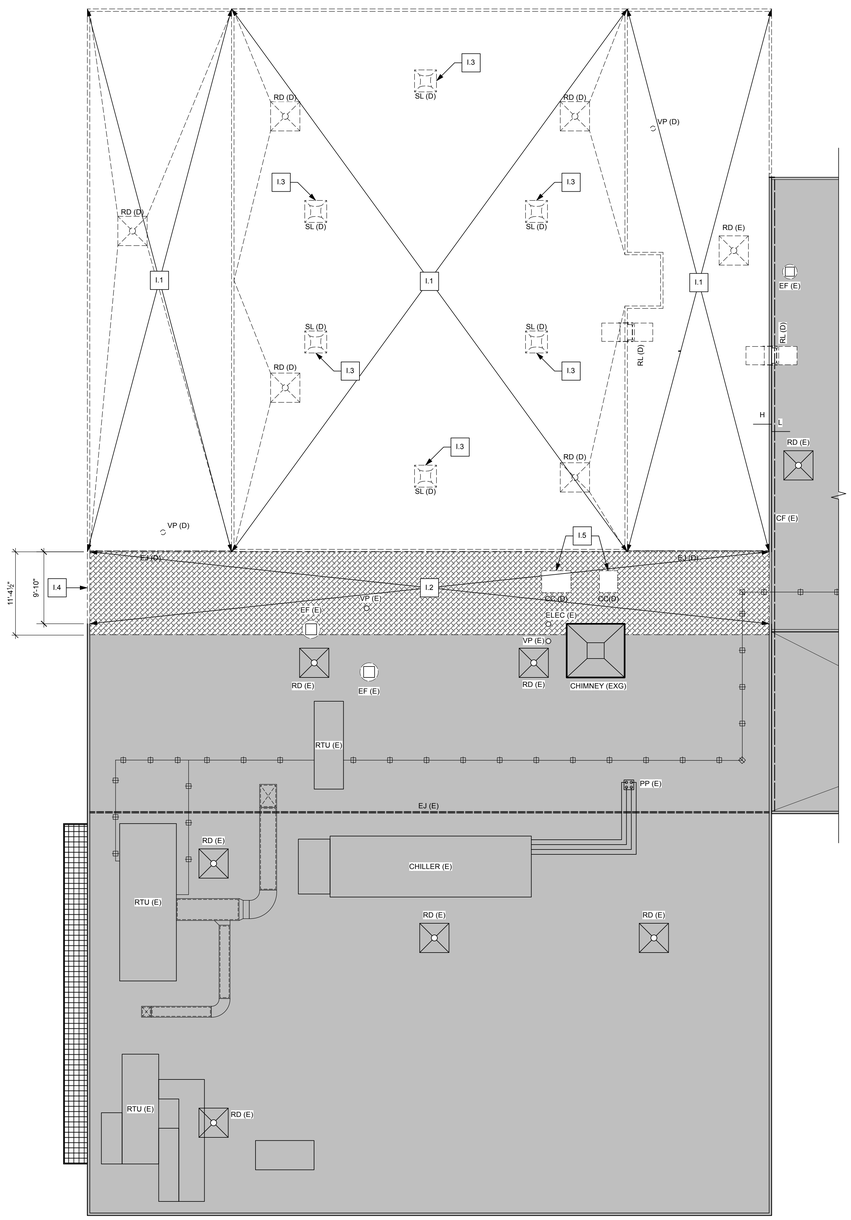
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

PARTIAL DEMOLITION PLAN - FIRST FLOOR AREA 'A'

B A0.02



PROJECT NORTH

B3 / B A0.03 PARTIAL DEMOLITION PLAN - ROOF - AREA 'A'

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

KEYED DEMOLITION NOTES - ROOF

I.1 REMOVE ROOF STRUCTURE, ASSEMBLY, LADDERS AND ACCESSORIES COMPLETE. COORDINATE DISCONNECTIONS AND REMOVALS OF M/E/P EQUIPMENT WITH OTHERS. REFER TO M/E/P AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

I.2 REMOVE ROOF MEMBRANE AND COVERBOARD COMPLETE. EXISTING M/E/P EQUIPMENT TO REMAIN SHALL STAY IN PLACE, COORDINATE WITH OTHERS.

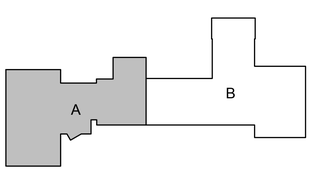
I.3 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE SKYLIGHT AND ASBESTOS CONTAINING ROOF FLASHING COMPLETE.

I.4 REMOVE EXG FASCIA AND ROOF EDGE METAL COMPLETE. EXG BLOCKING TO REMAIN. PREPARE FOR NEW WORK.

I.5 REMOVE EXG CAPPED CURB AND FLASHING COMPLETE. COORDINATE WITH DUCTWORK REMOVALS BY MECHANICAL CONTRACTOR. PREPARE OPENING FOR INFILL CONSTRUCTION.

ROOF DEMOLITION LEGEND

SYMBOL	DESCRIPTION
CC (D)	REMOVE CAPPED CURB
EJ (D)	REMOVE EXPANSION JOINT
RD (D)	REMOVE ROOF DRAIN
RL (D)	REMOVE ROOF LADDER
SL (D)	REMOVE SKYLIGHT



PROJECT NORTH

KEY PLAN - DEMO

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARDIFF No. 37584 STATE OF NEW YORK

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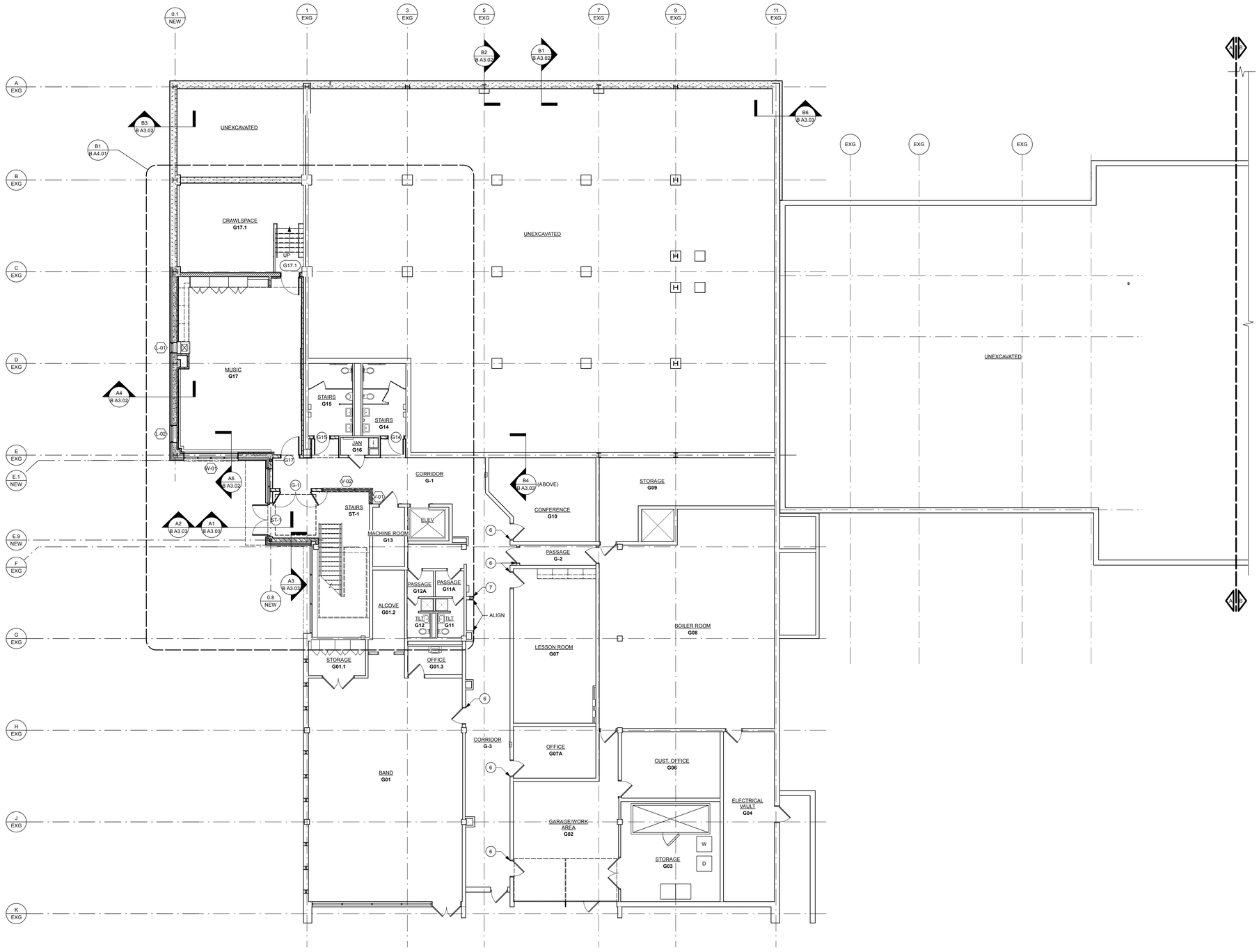
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

PARTIAL DEMOLITION PLAN - ROOF AREA 'A'

B A0.03



PROJECT NORTH

B1 / B A1.01 PARTIAL CONSTRUCTION PLAN - GROUND FLOOR - AREA 'A'

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

GENERAL CONSTRUCTION NOTES

A. 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.

B. WHERE SPECIFIC NOTES CONFLICT WITH GENERAL NOTES, THE SPECIFIC NOTES SHALL GOVERN.

C. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS, EXISTING CONDITIONS AND QUANTITIES PRIOR TO BIDDING & CONSTRUCTION.

D. NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BETWEEN DRAWINGS, SCHEDULES, AND/OR SPECIFICATIONS FOR CLARIFICATION. REFER TO THE SUPPLEMENTARY GENERAL CONDITIONS FOR FURTHER INFORMATION REGARDING CONSTRUCTION DOCUMENTS.

E. ALL DIMENSIONS ARE TAKEN FROM FACE OF STUD UNLESS NOTED OTHERWISE. AT EXISTING PARTITIONS, DIMENSIONS ARE TAKEN FROM FACE OF EXISTING FINISH.

F. WHERE NEW MASONRY IS BEING INSTALLED NEXT TO EXISTING MASONRY, TOOTH MASONRY IN AT ALL LOCATIONS, UNLESS OTHERWISE NOTED.

G. WHERE EQUIPMENT/ CASEWORK WAS REMOVED FROM EXISTING WALLS, PATCH WALLS TO MATCH ADJACENT EXISTING SURFACES OR TO RECEIVE NEW FINISHES AS SCHEDULED.

H. WHERE EXISTING WALLS WERE REMOVED, PATCH WALLS AND FLOORS TO MATCH ADJACENT EXISTING SURFACES OR TO RECEIVE NEW FINISHES AS SCHEDULED.

I. WHERE EXISTING DOOR FRAMES ARE SCHEDULED TO BE REPAINTED, EXISTING PRIMER AND PAINT ARE TO BE SANDED DOWN TO A SMOOTH SURFACE BEFORE NEW COATS OF PRIMER AND PAINT ARE APPLIED. REFER TO DOOR/FINISH SCHEDULES FOR DOOR FRAMES OF SPLIT COLORS.

J. 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. AND COORDINATING WITH MEP TRADES.

K. REFER TO DRAWING B/A0.00 FOR TOILET ROOM ACCESSORY LEGEND, TYPICAL REQUIRED CLEARANCES AND REQUIRED MOUNTING HEIGHTS.

L. GENERAL CONTRACTOR TO CUT OPENINGS IN WALLS, FLOORS AND CEILINGS FOR INSTALLATION OF M/E/P WORK WHERE NECESSARY. REFER T OM/E/P DRAWINGS FOR QUANTITY AND LOCATIONS. COORDINATE WITH M/E/P CONTRACTORS FOR SIZE OF OPENINGS.

M. 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 APPROVA,.

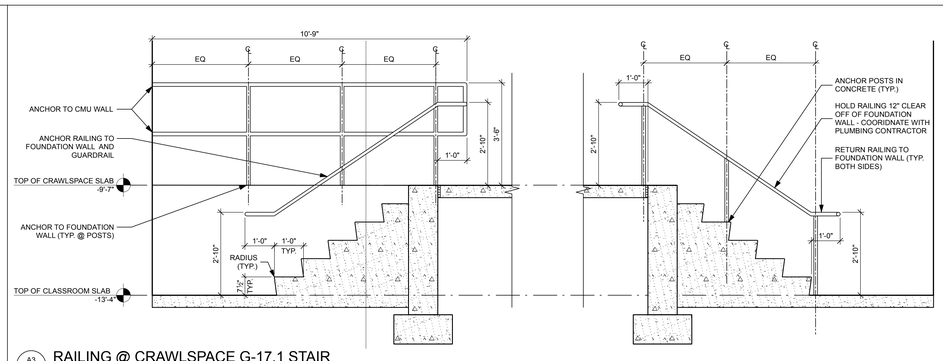
N. DURING THE COURSE OF WORK, IF EXISTING CONSTRUCTION INDICATED TO REMAIN IS DAMAGED THE CONTRACTOR SHALL REPAIR OR REPLACE WITH IN-KIND MATERIAL TO LIKE-NEW CONDITION, SUBJECT TO THE ARCHITECT'S APPROVAL.

O. ALL NEW WINDOWS, VISION PANELS AND SIDE LIGHTS TO RECEIVE NEW WINDOW TREATMENTS. REFER TO SPEC SECTION 122413 ROLLER WINDOW SHADES.

KEYED CONSTRUCTION NOTES

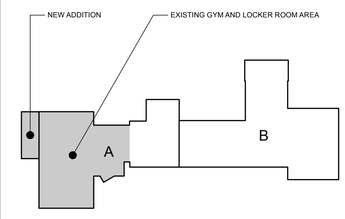
REFER TO SHEET B/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.
REFER TO SHEET B/A1.01 FOR GENERAL CONSTRUCTION NOTES.
NOT ALL KEYED CONSTRUCTION NOTES BELOW ARE REFERENCED ON THIS SHEET.

1. PROVIDE 1/2" DEEP RECESSED WALK OFF MAT AND FRAME SECTIONED INTO PANELS AS SHOWN.
2. WALL MOUNTED INTERACTIVE DISPLAY PROVIDED BY OWNER AND INSTALLED BY GC. PROVIDE BLOCKING AS REQUIRED FOR SUPPORT AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH EC.
3. LAMINATE PARTITION WITH 5/8" GPDW ALIGNED WITH FACE OF EXG ADJACENT WALL(S).
4. VERTICAL UNIT VENTILATOR BY HVAC CONTRACTOR - REFER TO HVAC DRAWINGS FOR TYPICAL DIMENSIONS AND COORDINATE ROUGH-IN WITH HVAC CONTRACTOR.
5. LOUVER PROVIDED BY HVAC CONTRACTOR AND INSTALLED BY GC.
6. EXG FRAME TO REMAIN AND RECEIVE SURFACE PREPARATION AND PAINTING. SURFACE PREPARATION SHALL INCLUDE BUT NOT BE LIMITED TO INFILL OF EXG HOLES, INSTALLATION OF BLANKS, GENERAL SANDING AND SPOT PRIMING OF SURFACES NECESSARY FOR THE APPLICATION OF SPECIFIED FINISH. PAINT PT-2 U.N.O.
7. PATCH AND PAINT WALL TO MATCH EXG AT AREA OF PARTIAL REMOVAL AND ELECTRICAL PANEL RELOCATION.
8. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL B4 / BA9.01
9. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL A4/BA.901.
10. INSTALL PLAM PANEL SYSTEM - REFER TO INTERIOR ELEVATIONS. REMOVE EXG GPDW TO REVEAL METAL FRAMING BEHIND AND INSTALL BLOCKING FOR ANCHORS. INSTALL NEW GPDW AND PAINT TO MATCH EXG.
11. INSTALL CUSTOM SIGNAGE - REFER TO INTERIOR ELEVATIONS.
12. RE-INSTALL SALVAGED ROCK CLIMBING WALL PANEL SYSTEM AND WALL PADS.
13. INSTALL WALL MOUNTED ROOF LADDER RL-2 - REFER TO DETAIL D3 / BA1.03.
14. LOCATION OF NEW VOLLEYBALL SLEEVE, COVERPLATE AND ACCESSORIES. REFER TO DETAILS ON SHEET B/A9.01 AND COORDINATE WITH GAMELINE STRIPING.
15. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
16. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
17. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
18. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
19. INSTALL CENTER ROLL DIVIDING CURTAIN, MOTORS AND ACCESSORIES. REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING ST8.02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
20. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
21. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
22. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
23. DIMENSIONAL METAL SIGNAGE WITH INTEGRATED LIGHTS - REFER TO EXTERIOR ELEVATIONS AND COORDINATE WITH ELECTRICAL CONTRACTOR.
24. REFER TO PLAN DETAIL C6 /BA4.05 FOR COLUMN TO CMU CONNECTION.
25. REFER TO PLAN DETAIL B6 BA4.05 FOR COLUMN TO CMU CONNECTION.
26. ROOM SIGNAGE LOCATION. REFER TO A1/B A6.01 FOR SIGNAGE TYPES.
27. FOLLOWING REMOVAL OF PRECAST TERRAZZO STAIR TREADS AND SETTING BED, PROVIDE NEW CORROSION RESISTANT TREAD ANCHOR TO MATCH EXISTING CONFIGURATION AND AS RECOMMENDED BY NEW TREAD MANUFACTURER. (FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SHOP DRAWING PREPARATION). INSTALL NEW PRECAST TREAD WITH INTEGRAL ABRASIVE INSERTS (3) AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**
28. FOLLOWING REMOVAL OF CAST IN PLACE TERRAZZO STAIR LANDING, CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. PROVIDE BED REINFORCING PER MANUFACTURER'S RECOMMENDATION. (FIELD VERIFY ALL EXISTING CONDITIONS). INSTALL NEW CAST IN PLACE TERRAZZO STAIR LANDING AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. PROVIDE 1/4" DIVIDER STRIPS AT LANDING AS INDICATED AND AT ALL PRECAST TO SITE CAST TERRAZZO. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**



A3 / B A1.01 RAILING @ CRAWLSPACE G-17.1 STAIR

Scale: 1/2" = 1'-0"



PROJECT NORTH

KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARDIF No. 37254 STATE OF NEW YORK

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DRAWING DATE: **11/10/2025**

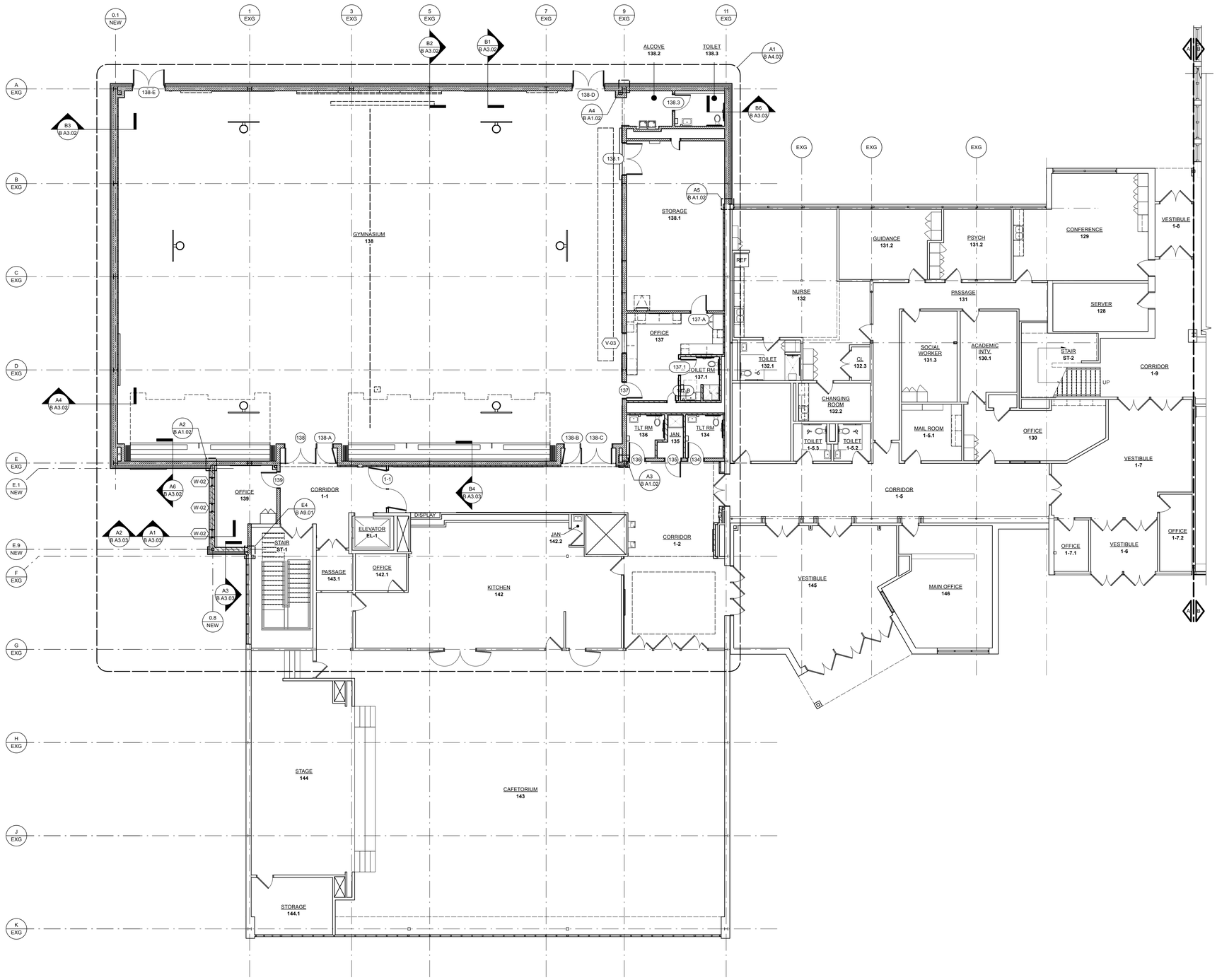
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

PARTIAL CONSTRUCTION PLAN - GROUND FLOOR

B A1.01



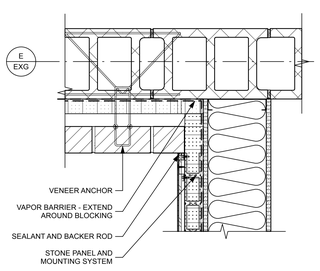
PROJECT NORTH

B1 / B A1.02 PARTIAL CONSTRUCTION PLAN - FIRST FLOOR - AREA 'A'
Scale: 1/8" = 1'-0"

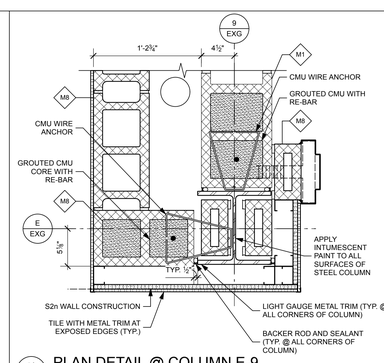
KEYED CONSTRUCTION NOTES

REFER TO SHEET B/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.
REFER TO SHEET B/A1.01 FOR GENERAL CONSTRUCTION NOTES.
NOT ALL KEYED CONSTRUCTION NOTES BELOW ARE REFERENCED ON THIS SHEET.

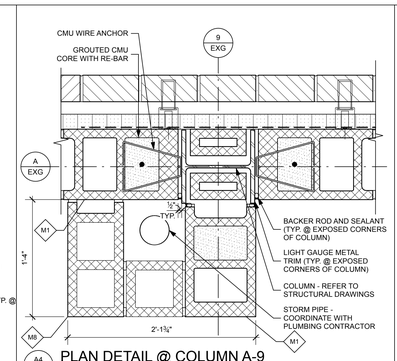
1. PROVIDE 1/2" DEEP RECESSED WALK OFF MAT AND FRAME SECTIONED INTO PANELS AS SHOWN.
2. WALL MOUNTED INTERACTIVE DISPLAY PROVIDED BY OWNER AND INSTALLED BY GC. PROVIDE BLOCKING AS REQUIRED FOR SUPPORT AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH EC.
3. LAMINATE PARTITION WITH 5/8" GPDW ALIGNED WITH FACE OF EXG ADJACENT WALL(S).
4. VERTICAL UNIT VENTILATOR BY HVAC CONTRACTOR - REFER TO HVAC DRAWINGS FOR TYPICAL DIMENSIONS AND COORDINATE ROUGH-IN WITH HVAC CONTRACTOR.
5. LOUVER PROVIDED BY HVAC CONTRACTOR AND INSTALLED BY GC.
6. EXG FRAME TO REMAIN AND RECEIVE SURFACE PREPARATION AND PAINTING. SURFACE PREPARATION SHALL INCLUDE BUT NOT BE LIMITED TO INFILL OF EXG HOLES, INSTALLATION OF BLANKS, GENERAL SANDING AND SPOT PRIMING OF SURFACES NECESSARY FOR THE APPLICATION OF SPECIFIED FINISH. PAINT PT-2 U.N.O.
7. PATCH AND PAINT WALL TO MATCH EXG AT AREA OF PARTIAL REMOVAL AND ELECTRICAL PANEL RELOCATION.
8. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL B4 / BA9.01
9. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL A4/BA.901.
10. INSTALL PLAM PANEL SYSTEM - REFER TO INTERIOR ELEVATIONS. REMOVE EXG GPDW TO REVEAL METAL FRAMING BEHIND AND INSTALL BLOCKING FOR ANCHORS. INSTALL NEW GPDW AND PAINT TO MATCH EXG.
11. INSTALL CUSTOM SIGNAGE - REFER TO INTERIOR ELEVATIONS.
12. RE-INSTALL SALVAGED ROCK CLIMBING WALL PANEL SYSTEM AND WALL PADS.
13. INSTALL WALL MOUNTED ROOF LADDER RL-2 - REFER TO DETAIL D3 / BA1.03.
14. LOCATION OF NEW VOLLEYBALL SLEEVE, COVERPLATE AND ACCESSORIES. REFER TO DETAILS ON SHEET B/A9.01 AND COORDINATE WITH GAMELINE STRIPING.
15. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
16. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
17. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
18. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
19. INSTALL CENTER ROLL DIVIDING CURTAIN. MOTORS AND ACCESSORIES. REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING ST9.02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
20. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
21. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
22. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
23. DIMENSIONAL METAL SIGNAGE WITH INTEGRATED LIGHTS - REFER TO EXTERIOR ELEVATIONS AND COORDINATE WITH ELECTRICAL CONTRACTOR.
24. REFER TO PLAN DETAIL C6 /BA4.05 FOR COLUMN TO CMU CONNECTION.
25. REFER TO PLAN DETAIL B6 BA4.05 FOR COLUMN TO CMU CONNECTION.
26. ROOM SIGNAGE LOCATION. REFER TO A1/B A6.01 FOR SIGNAGE TYPES.
27. FOLLOWING REMOVAL OF PRECAST TERRAZZO STAIR TREADS AND SETTING BED, PROVIDE NEW CORROSION RESISTANT TREAD ANCHOR TO MATCH EXISTING CONFIGURATION AND AS RECOMMENDED BY NEW TREAD MANUFACTURER. (FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SHOP DRAWING PREPARATION). INSTALL NEW PRECAST TREAD WITH INTEGRAL ABRASIVE INSERTS (3) AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**
28. FOLLOWING REMOVAL OF CAST IN PLACE TERRAZZO STAIR LANDING, CLEAN RESULTING SURFACES, AND PREPARE FOR NEW GROUT / SETTING BED. PROVIDE BED REINFORCING PER MANUFACTURER'S RECOMMENDATION. (FIELD VERIFY ALL EXISTING CONDITIONS). INSTALL NEW CAST IN PLACE TERRAZZO STAIR LANDING AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. PROVIDE 1/4" DIVIDER STRIPS AT LANDING AS INDICATED AND AT ALL PRECAST TO SITE CAST TERRAZZO. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**



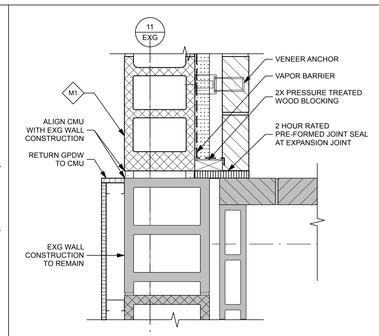
A2 / B A1.02 PLAN DETAIL @ BRICK TO STONE PANEL
Scale: 1 1/2" = 1'-0"



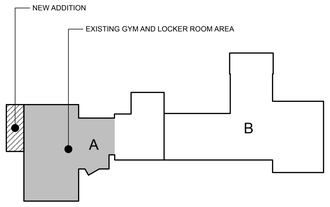
A3 / B A1.02 PLAN DETAIL @ COLUMN E-9
Scale: 1 1/2" = 1'-0"



A4 / B A1.02 PLAN DETAIL @ COLUMN A-9
Scale: 1 1/2" = 1'-0"



A5 / B A1.02 PLAN DETAIL
Scale: 1 1/2" = 1'-0"



PROJECT NORTH

KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7966**

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KENNY B. TARDIF No. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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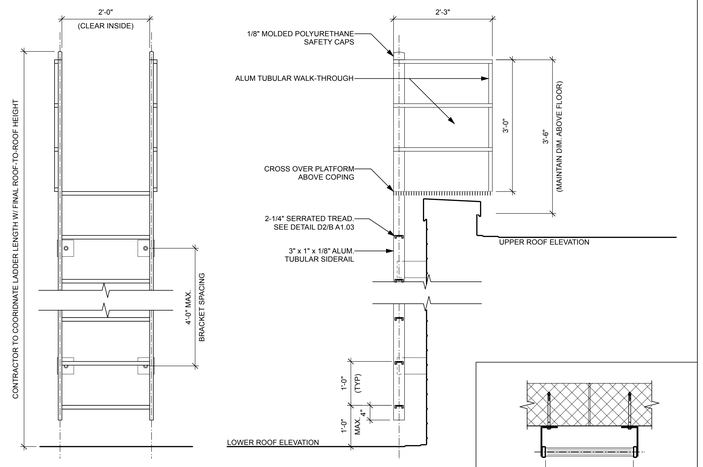
MARK	DATE	DESCRIPTION
A	10/12/2025	ISSUED FOR BID

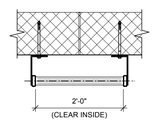
100% CONSTRUCTION DOCUMENTS
DRAWING DATE: **11/10/2025**
DRAWN BY: **EMR**
SCALE: **Sheet Scale**
DRAWING TITLE:
PARTIAL CONSTRUCTION PLAN - FIRST FLOOR

B A1.02

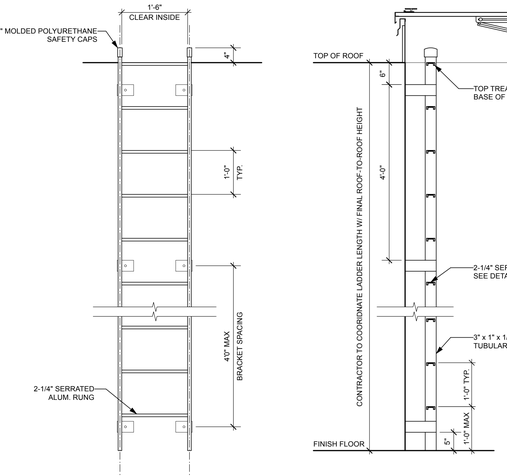


D1 / B A1.03 ENLARGED ROOF LADDER DETAIL RL-1
Scale: 3/4" = 1'-0"

NOTE: SEE PLANS FOR LOCATIONS AND QUANTITIES. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE LADDER FABRICATION WITH ROOF TO ROOF HEIGHT. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO FABRICATION.

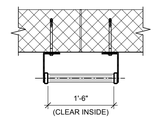


D2 / B A1.03 LADDER DETAIL
Scale: 3/4" = 1'-0"



D3 / B A1.03 ENLARGED ROOF LADDER DETAIL - RL-2
Scale: 3/4" = 1'-0"

NOTE: SEE PLANS FOR LOCATIONS AND QUANTITIES. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITIONS AND COORDINATE LADDER FABRICATION WITH ROOF TO ROOF HEIGHT. NOTIFY ARCHITECT OF ANY CONFLICTS PRIOR TO FABRICATION.



D4 / B A1.03 LADDER DETAIL
Scale: 3/4" = 1'-0"

ROOF PLAN LEGEND

SYMBOL	DESCRIPTION	DETAIL
	NEW ROOF SYSTEM - REFER TO KEYED ROOFING PLANS FOR DECK TYPE	
	EXG ROOF SYSTEM TO REMAIN. MODIFY/PATCH AS REQ. FOR NEW WORK	
	NEW ROOF SYSTEM. EXG ROOF INSULATION AND STRUCTURE TO REMAIN. PATCH INTO EXG ROOF SYSTEM.	
	TAPERED INSULATION ROOF CRICKET (SIZE PER MFGR. RECOMMENDATION)	
	WALKWAY PADS	
	DIRECTION OF ROOF SLOPE. 1/4 PER 1'-0" MIN. UNLESS NOTED OTHERWISE SOLID LINE / SOLID ARROW INDICATE SLOPE OF TAPERED INSULATION, TYP.	
	DIRECTION OF ROOF SLOPE. 1/4 PER 1'-0" MIN. UNLESS NOTED OTHERWISE DASHED LINE / ARROW INDICATES SLOPED ROOF STRUCTURE, TYP.	
H L	HIGH POINT or LOW POINT	
ACCU (N)	NEW AIR CONDENSING UNIT	A4/B A1.04
RD (N)	NEW ROOF DRAIN	A3/B A1.04
RTU (N)	NEW ROOF TOP UNIT	A4/B A1.04
ERV (N)	ENERGY RECOVERY UNIT	C1/B A1.04
RL (N)	NEW ROOF LADDER	D1/B A1.03
RH (N)	NEW ROOF HATCH	
EF (E)	EXG EXHAUST FAN	

KEYED ROOFING CONSTRUCTION NOTES

1. EQUIPMENT RAILS UNDER ROOF TOP UNIT AND WIND RESTRAINT ANCHORS PROVIDED AND INSTALLED BY HVAC CONTRACTOR. GC TO PROVIDE STRUCTURAL REINFORCING AS SHOWN ON STRUCTURAL DRAWINGS, OPENING AND FLASHING AS SHOWN IN DETAIL A5/B1.04.
2. PROVIDE WALKWAY PADS AROUND EQUIPMENT AS NOTED.
3. ROOF TOP UNIT BY HVAC CONTRACTOR. HVAC CONTRACTOR TO SET AND SECURE UNIT, CURB AND WIND RESTRAINTS. GC TO PROVIDE OPENING, FRAMING, FLASHING AND ROOF PATCHING AS SHOWN IN DETAIL A4/B A1.04.
4. PATCH ROOF ASSEMBLY TO MATCH EXISTING AT LOCATION OF EXG CAPPED CURB REMOVAL. EXTENT OF ROOF PATCH IS INDICATED WITH HATCH. COORDINATE WITH MECHANICAL CONTRACTOR. PROVIDE ROOF TIE-IN PER DETAIL B1/BA1.04, REFER TO STRUCTURAL DRAWINGS FOR DECK INFILL DETAIL.
5. EXG ROOF EQUIPMENT TO REMAIN IN AREA OF MEMBRANE AND COVERBOARD REPLACEMENT. PROVIDE FLASHING AND TIE IN TO NEW MEMBRANE SYSTEM.

ROOFING ENVELOPE INSULATION VALUE

BROOME COUNTY
CLIMATE ZONE 5 (NYS ECCC, FIG. 301.1)

NEW ROOFING SYSTEM (GLAZED AREA OF WALLS @ 10% - 25%)	"R VALUE"
OUTSIDE AIR FILM	0.10
EPDM MEMBRANE	0.00
1/2" COVER BOARD	2.50
6.0" POLYISO INSULATION BOARD (TABLE 802.2 (5) - NYS ECCC - MIN. R=20)	34.80
VAPOR BARRIER (ICE & WATER SHIELD)	0.12
5/8" SUBSTRATE BOARD	1.50
STRUCTURAL DECK	0.00
INSIDE AIR FILM	0.61
Rt =	39.63
U =	0.025

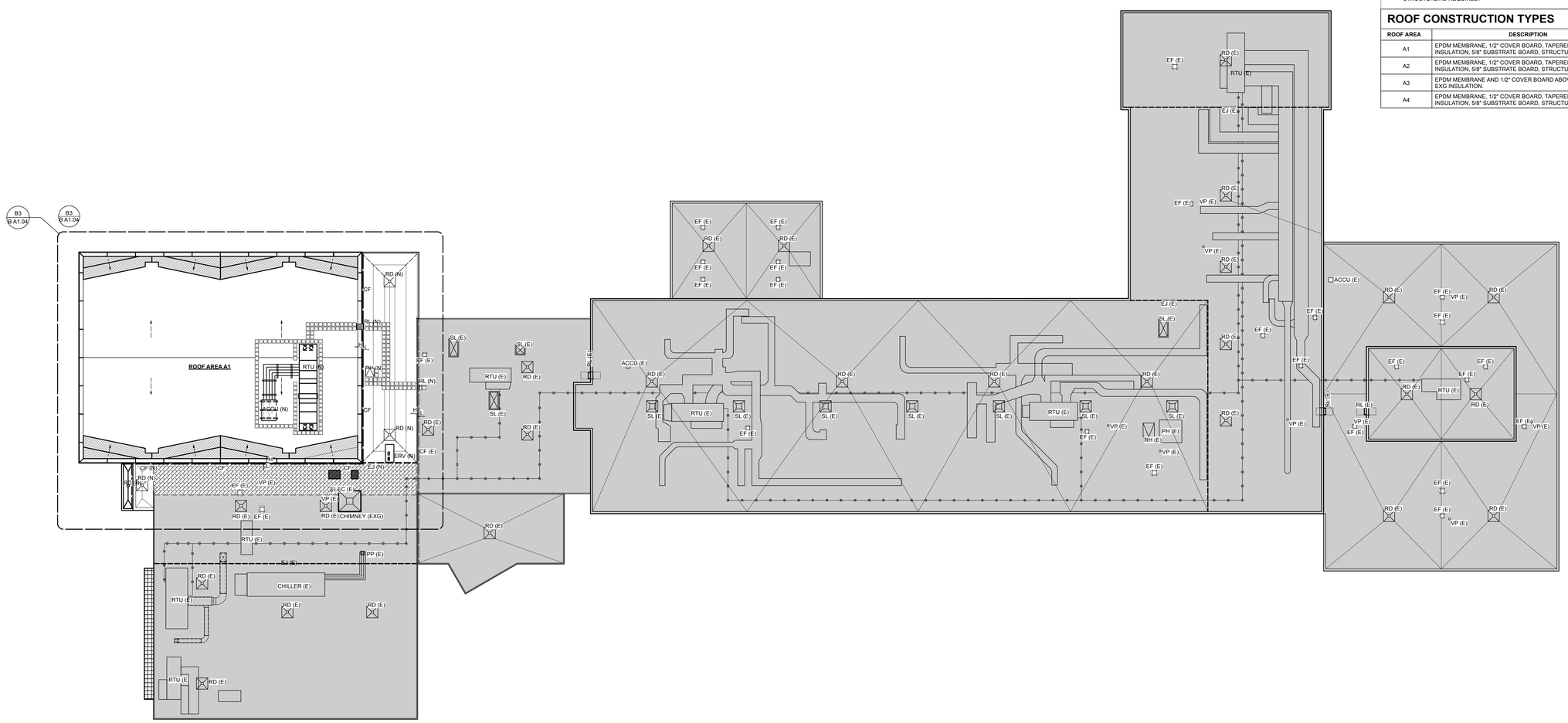
GENERAL ROOF NOTES

REFER TO 011000 SUMMARY OF WORK FOR SCOPE ASSOCIATED WITH THIS CONTRACT VS. WORK PREVIOUSLY AWARDED UNDER SEPARATE CONTRACT.

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 TOTAL 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. ROOF DRAINS – EXISTING ROOF DRAINS ARE TO REMAIN UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PROVIDE NEW MATCHING CLAMPS, BOLTS, AND/OR STRAINERS WHERE THE EXISTING ARE MISSING OR DAMAGED. THE CONTRACTOR (ALONG WITH OWNER'S PROJECT REPRESENTATIVE) SHALL INSPECT ALL ROOF DRAIN LEADERS TO CONFIRM POSITIVE WATER FLOW PRIOR TO THE START OF WORK AND FOLLOWING COMPLETION OF THE WORK.
8. PLUMBING VENTS – EXISTING PLUMBING VENTS/STACKS THAT WILL NOT EXTEND A MINIMUM OF 1'-0" ABOVE THE HEIGHT OF THE NEW ROOF SYSTEM SHALL BE EXTENDED AS PART OF THE WORK. COORDINATE MATERIALS AND TECHNIQUES WITH THE ARCHITECT PRIOR TO EXECUTION.
9. CURB BLOCKING – THE CONTRACTOR SHALL REMOVE WITH CARE ALL EXISTING HATCHES, MECHANICAL VENTILATORS, SKYLIGHTS, ETC. AND RAISE THE ASSOCIATED CURBS OF EQUIPMENT TO BE REINSTALLED ON NEW WOOD BLOCKING AS DETAILED. MODIFY THICKNESSES SO THE NEW BLOCKING MATCHES THE HEIGHT OF THE NEW INSTALLATION (ADJUST AS NECESSARY TO ACCOMMODATE TAPERED INSULATION). THE TOP OF ALL CURBS SHALL BE MINIMUM OF 12" ABOVE THE NEW ROOF SURFACE. WHERE NECESSARY, THE WORK SHALL INCLUDE EXTENDING ELECTRICAL WIRING, CONTROLS, ETC. BY A LICENSED ELECTRICIAN.
10. DEWATERING – THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF STANDING WATER ON THE ROOF REQUIRED TO PERFORM THE WORK.
12. PROVIDE WALKWAY PADS CONTINUOUS AROUND CURBED ROOF EQUIPMENT WHERE SHOWN, UNDER PIPE SUPPORTS, ROOF HATCH, AT TOP AND BOTTOM OF ROOF LADDERS, & AS SHOWN ON PLAN.
13. ALL WOOD NAILERS AT ROOF EDGE & 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.
14. 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
15. INDICATES EXISTING ROOF AREA TO CUT BACK EXISTING EPDM MEMBRANE, TAPERED INSULATION, CRICKETS, &/ OR WOOD BLOCKING TO ALLOW FOR CONSTRUCTION AS SCHEDULED AND DETAILED. PROVIDE NEW EPDM MEMBRANE, TAPERED INSULATION, CRICKETS, &/ OR WOOD BLOCKING TO MATCH EXISTING INSULATION HEIGHTS & SLOPES, & AS DETAILED. FLASH ALL NEW AND EXISTING ROOF PENETRATIONS.
15. 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.
16. AT LOCATION WHERE ENTIRE PORTION ROOF/ STRUCTURE IS BEING DEMOLISHED, ROOFING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR TO SEPARATE EXISTING ROOFING TO REMAIN FROM PORTION OF ROOF TO DEMOLISH AND PROTECT EDGE CONDITION OF ROOFING SYSTEM TO REMAIN. GC WILL THEN DEMOLISH THE ROOF SYSTEM, DECK AND STRUCTURE AS REQUIRED.

ROOF CONSTRUCTION TYPES

ROOF AREA	DESCRIPTION	DETAIL
A1	EPDM MEMBRANE, 1/2" COVER BOARD, TAPERED POLYISO INSULATION, 5/8" SUBSTRATE BOARD, STRUCTURAL DECK.	A5/B A1.04
A2	EPDM MEMBRANE, 1/2" COVER BOARD, TAPERED POLYISO INSULATION, 5/8" SUBSTRATE BOARD, STRUCTURAL DECK.	A5/B A1.04
A3	EPDM MEMBRANE AND 1/2" COVER BOARD ABOVE EXG INSULATION.	- - -
A4	EPDM MEMBRANE, 1/2" COVER BOARD, TAPERED POLYISO INSULATION, 5/8" SUBSTRATE BOARD, STRUCTURAL DECK.	A5/B A1.04



PROJECT NORTH

A1 / B A1.03 OVERALL ROOF PLAN
Scale: 1/16" = 1'-0"

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KENNY B. TARPLEY No. 37554 STATE OF NEW YORK

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MARK	DATE	DESCRIPTION
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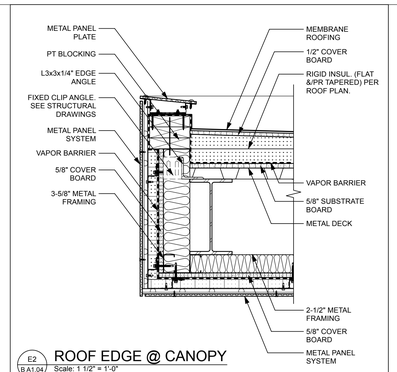
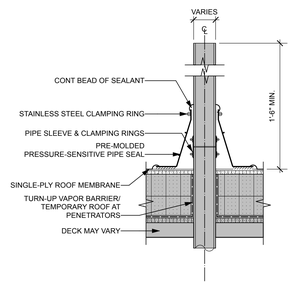
DRAWING DATE: **11/10/2025**
DRAWN BY: **DWK / EMR**
SCALE: **Sheet Scale**
DRAWING TITLE:
OVERALL ROOF PLAN

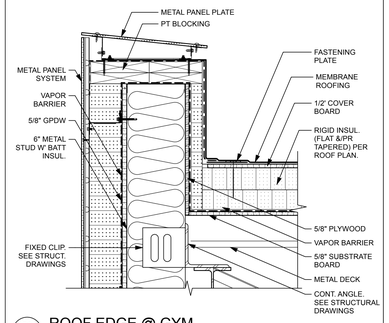
B A1.03



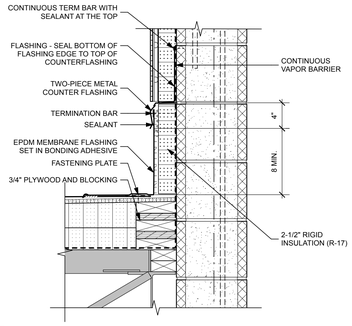
E2 / B A1.04 ROOF EDGE @ CANOPY
Scale: 1 1/2" = 1'-0"



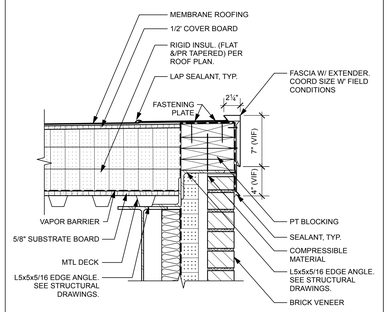
D1 / B A1.04 FLASHING @ EXG VENT PIPE
Scale: 1 1/2" = 1'-0"



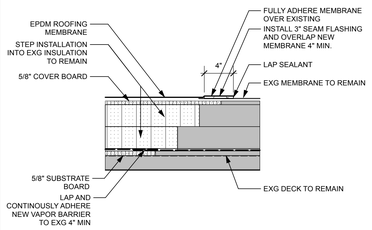
D2 / B A1.04 ROOF EDGE @ GYM
Scale: 1 1/2" = 1'-0"



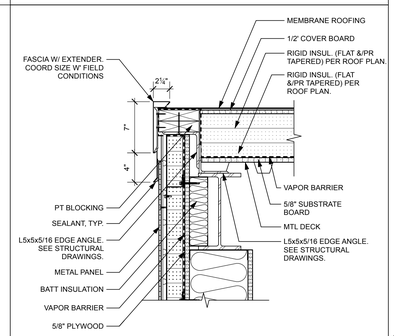
C1 / B A1.04 ROOF TO WALL FLASHING
Scale: 1 1/2" = 1'-0"



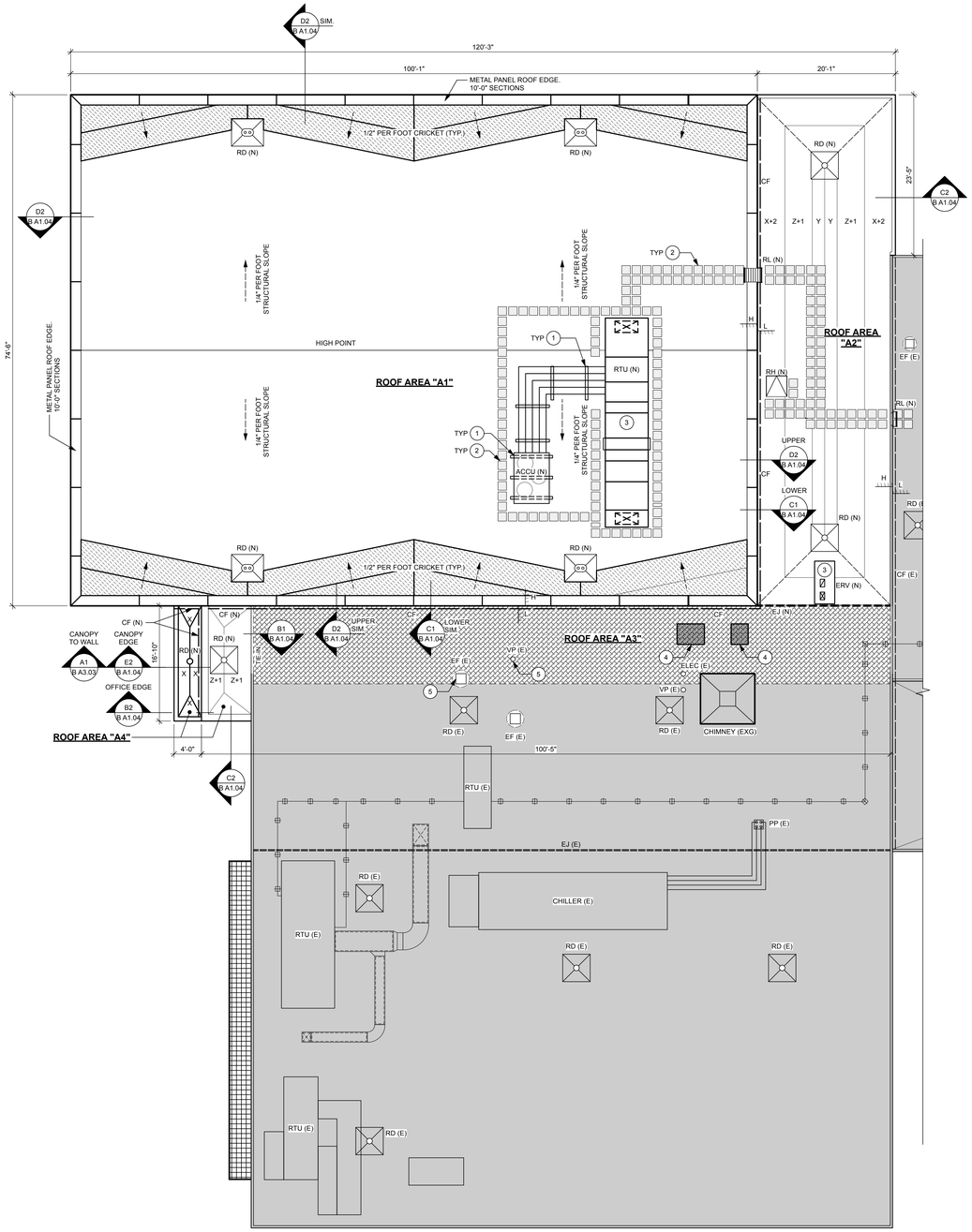
C2 / B A1.04 ROOF EDGE @ LOW ROOF ADJACENT TO GYM
Scale: 1 1/2" = 1'-0"



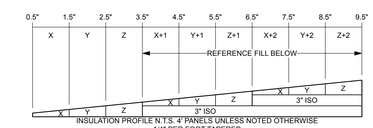
B1 / B A1.04 ROOF TIE IN DETAIL
Scale: 1 1/2" = 1'-0"



B2 / B A1.04 ROOF EDGE @ STAIR TOWER VESTIBULE
Scale: 1 1/2" = 1'-0"



PROJECT NORTH
B3 / B A1.04 PARTIAL ROOF PLAN - AREA 'A'
Scale: 1/8" = 1'-0"



INSULATION PROFILE N.T.S. 4' PANELS UNLESS NOTED OTHERWISE
1/4" PER FOOT TAPERED

COORDINATE ROOF INSULATION TAPER LAYOUT AND THICKNESS DESIGNATIONS WITH ROOF PLAN

GENERAL ROOF NOTES

REFER TO 011000 SUMMARY OF WORK FOR SCOPE ASSOCIATED WITH THIS CONTRACT VS. WORK PREVIOUSLY AWARDED UNDER SEPARATE CONTRACT.

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 TOTAL 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. ROOF DRAINS – EXISTING ROOF DRAINS ARE TO REMAIN UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PROVIDE NEW MATCHING CLAMPS, BOLTS, AND/OR STRAINERS WHERE THE EXISTING ARE MISSING OR DAMAGED. THE CONTRACTOR (ALONG WITH OWNER'S PROJECT REPRESENTATIVE) SHALL INSPECT ALL ROOF DRAIN LEADERS TO CONFIRM POSITIVE WATER FLOW PRIOR TO THE START OF WORK AND FOLLOWING COMPLETION OF THE WORK.
8. PLUMBING VENTS – EXISTING PLUMBING VENTS/STACKS THAT WILL NOT EXTEND A MINIMUM OF 1'-0" ABOVE THE HEIGHT OF THE NEW ROOF SYSTEM SHALL BE EXTENDED AS PART OF THE WORK. COORDINATE MATERIALS AND TECHNIQUES WITH THE ARCHITECT PRIOR TO EXECUTION.
9. CURB BLOCKING – THE CONTRACTOR SHALL REMOVE WITH CARE ALL EXISTING HATCHES, MECHANICAL VENTILATORS, SKYLIGHTS, ETC. AND RAISE THE ASSOCIATED CURBS OF EQUIPMENT TO BE REINSTALLED ON NEW WOOD BLOCKING AS DETAILED. MODIFY THICKNESSES SO THE NEW BLOCKING MATCHES THE HEIGHT OF THE NEW INSTALLATION (ADJUST AS NECESSARY TO ACCOMMODATE TAPERED INSULATION). THE TOP OF ALL CURBS SHALL BE MINIMUM OF 12" ABOVE THE NEW ROOF SURFACE. WHERE NECESSARY, THE WORK SHALL INCLUDE EXTENDING ELECTRICAL WIRING, CONTROLS, ETC. BY A LICENSED ELECTRICIAN.
10. DEWATERING – THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REMOVAL OF STANDING WATER ON THE ROOF REQUIRED TO PERFORM THE WORK.
12. PROVIDE WALKWAY PADS CONTINUOUS AROUND CURBED ROOF EQUIPMENT WHERE SHOWN, UNDER PIPE SUPPORTS, ROOF HATCH, AT TOP AND BOTTOM OF ROOF LADDERS, & AS SHOWN ON PLAN.
13. ALL WOOD NAILERS AT ROOF EDGE & 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.
14. 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
15. INDICATES EXISTING ROOF AREA TO CUT BACK EXISTING EPDM MEMBRANE, TAPERED INSULATION, CRICKETS, &/ OR WOOD BLOCKING TO ALLOW FOR CONSTRUCTION AS SCHEDULED AND DETAILED. PROVIDE NEW EPDM MEMBRANE, TAPERED INSULATION, CRICKETS, &/ OR WOOD BLOCKING TO MATCH EXISTING INSULATION HEIGHTS & SLOPES, & AS DETAILED. FLASH ALL NEW AND EXISTING ROOF PENETRATIONS.
15. 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.
16. AT LOCATION WHERE ENTIRE PORTION ROOF/ STRUCTURE IS BEING DEMOLISHED, ROOFING CONTRACTOR TO COORDINATE WITH GENERAL CONTRACTOR TO SEPARATE EXISTING ROOFING TO REMAIN FROM PORTION OF ROOF TO DEMOLISH AND PROTECT EDGE CONDITION OF ROOFING SYSTEM TO REMAIN. GC WILL THEN DEMOLISH THE ROOF SYSTEM, DECK AND STRUCTURE AS REQUIRED.

ROOF PLAN LEGEND

SYMBOL	DESCRIPTION	DETAIL
	NEW ROOF SYSTEM - REFER TO KEYED ROOFING PLANS FOR DECK TYPE	
	EXG ROOF SYSTEM TO REMAIN. MODIFY/PATCH AS REQ. FOR NEW WORK	
	NEW ROOF SYSTEM. EXG ROOF INSULATION AND STRUCTURE TO REMAIN. PATCH INTO EXG ROOF SYSTEM.	
	TAPERED INSULATION ROOF CRICKET (SIZE PER MFGR. RECOMMENDATION)	
	WALKWAY PADS	
	DIRECTION OF ROOF SLOPE. 1/4 PER 1'-0" MIN. UNLESS NOTED OTHERWISE SOLID LINE / SOLID ARROW INDICATE SLOPE OF TAPERED INSULATION, TYP.	
	DIRECTION OF ROOF SLOPE. 1/4 PER 1'-0" MIN. UNLESS NOTED OTHERWISE DASHED LINE / ARROW INDICATES SLOPED ROOF STRUCTURE, TYP.	
H L	HIGH POINT or LOW POINT	
ACCU (N)	NEW AIR CONDENSING UNIT	A4/B A1.04
RD (N)	NEW ROOF DRAIN	A3/B A1.04
RTU (N)	NEW ROOF TOP UNIT	A4/B A1.04
ERV (N)	ENERGY RECOVERY UNIT	C1/B A1.04
RL (N)	NEW ROOF LADDER	D1/B A1.03
RH (N)	NEW ROOF HATCH	A4/BA1.04
EF (E)	EXG EXHAUST FAN	A4/BA1.04
VP (E)	EXG VENT PIPE	D1/BA1.04

ROOF CONSTRUCTION TYPES

ROOF AREA	DESCRIPTION	DETAIL
A1	EPDM MEMBRANE, 1/2" COVER BOARD, TAPERED POLYISO INSULATION, 5/8" SUBSTRATE BOARD, STRUCTURAL DECK.	A5/B A1.04
A2	EPDM MEMBRANE, 1/2" COVER BOARD, TAPERED POLYISO INSULATION, 5/8" SUBSTRATE BOARD, STRUCTURAL DECK.	A5/B A1.04
A3	EPDM MEMBRANE AND 1/2" COVER BOARD ABOVE EXG INSULATION.	- - -
A4	EPDM MEMBRANE, 1/2" COVER BOARD, TAPERED POLYISO INSULATION, 5/8" SUBSTRATE BOARD, STRUCTURAL DECK.	A5/B A1.04

KEYED ROOFING CONSTRUCTION NOTES

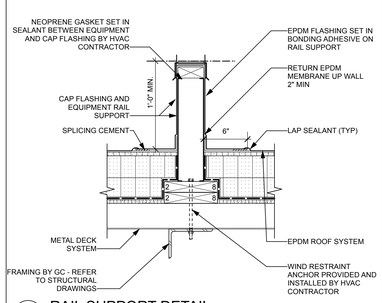
1. EQUIPMENT RAILS UNDER ROOF TOP UNIT AND WIND RESTRAINT ANCHORS PROVIDED AND INSTALLED BY HVAC CONTRACTOR. GC TO PROVIDE STRUCTURAL REINFORCING AS SHOWN ON STRUCTURAL DRAWINGS, OPENING AND FLASHING AS SHOWN IN DETAIL A5/B1.04.
2. PROVIDE WALKWAY PADS AROUND EQUIPMENT AS NOTED.
3. ROOF TOP UNIT BY HVAC CONTRACTOR, HVAC CONTRACTOR TO SET AND SECURE UNIT, CURB AND WIND RESTRAINTS. GC TO PROVIDE OPENING, FRAMING, FLASHING AND ROOF PATCHING AS SHOWN IN DETAIL A4/BA1.04.
4. PATCH ROOF ASSEMBLY TO MATCH EXISTING AT LOCATION OF EXG CAPPED CURB REMOVAL. EXTENT OF ROOF PATCH IS INDICATED WITH HATCH. COORDINATE WITH MECHANICAL CONTRACTOR. PROVIDE ROOF TIE-IN PER DETAIL B1/BA1.04, REFER TO STRUCTURAL DRAWINGS FOR DECK INFILL DETAIL.
5. EXG ROOF EQUIPMENT TO REMAIN IN AREA OF MEMBRANE AND COVERBOARD REPLACEMENT. PROVIDE FLASHING AND TIE IN TO NEW MEMBRANE SYSTEM.

ROOFING ENVELOPE INSULATION VALUE

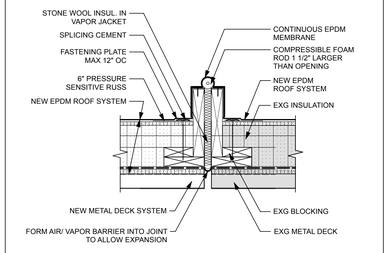
BROOME COUNTY
CLIMATE ZONE 5 (NYS ECCC, FIG. 301.1)

NEW ROOFING SYSTEM

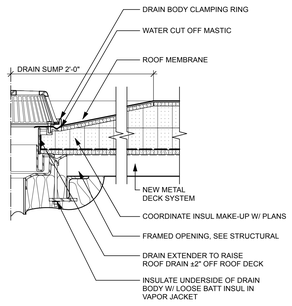
(GLAZED AREA OF WALLS @ 10% - 25%)	"R VALUE"
OUTSIDE AIR FILM	0.10
EPDM MEMBRANE	0.00
1/2" COVER BOARD	2.50
6.0" POLYISO INSULATION BOARD (TABLE 802.2 (5) - NYS ECCC - MIN. R=20)	34.80
VAPOR BARRIER (ICE & WATER SHIELD)	0.12
5/8" SUBSTRATE BOARD	1.50
STRUCTURAL DECK	0.00
INSIDE AIR FILM	0.61
Rt =	39.63
U =	0.025



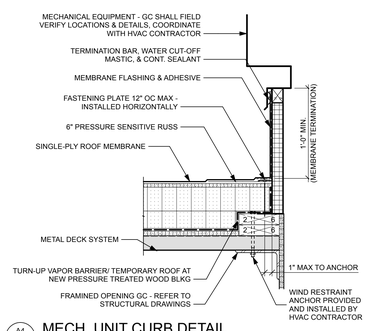
A1 / B A1.04 RAIL SUPPORT DETAIL
Scale: 1 1/2" = 1'-0"



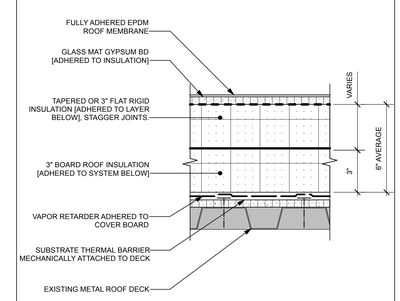
A2 / B A1.04 DECK TO DECK EXPANSION JOINT DETAIL
Scale: 1 1/2" = 1'-0"



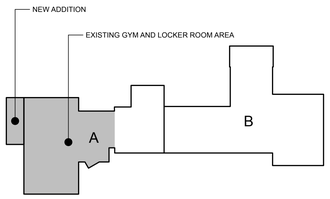
A3 / B A1.04 ROOF DRAIN DETAIL
Scale: 1 1/2" = 1'-0"



A4 / B A1.04 MECH. UNIT CURB DETAIL
Scale: 1 1/2" = 1'-0"



A5 / B A1.04 TYP. ROOFING COMPOSITION @ MTL DECK
Scale: 3" = 1'-0"



PROJECT NORTH
KEY PLAN - NEW

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL
3618 BRIAR LANE
ENDWELL, NEW YORK 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7966**

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KENNY B. TARDIF No. 37554 STATE OF NEW YORK
License Expiration Date: 5/31/2029

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MARK	DATE	DESCRIPTION
	10/12/2025	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS
DRAWING DATE: **11/10/2025**
DRAWN BY: **DWK / EMR**
SCALE: **Sheet Scale**
DRAWING TITLE:
PARTIAL ROOF PLAN - AREA A

B A1.04

GENERAL REFLECTED CEILING PLAN NOTES

A. REFER TO SHEET B/A0.00 FOR REFLECTED CEILING PLAN SYMBOLS.

B. REFER TO FINISH LEGEND / SCHEDULE AND SPECIFICATIONS FOR CEILING FINISHES AND SYSTEMS.

C. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES BETWEEN REFLECTED CEILING PLAN AND HVAC / ELECTRICAL / FIRE PROTECTION / PLUMBING DRAWINGS.

D. CENTER GRID IN THE N, S, E, & W DIRECTIONS OF ALL SPACES UNLESS NOTED OR SHOWN OTHERWISE. CEILING TILE ALONG THE WALL SHALL NOT BE LESS THAN 3".

E. INSTALL ALL CEILING MOUNTED EQUIPMENT IN THE CENTER OF CEILING TILE, UNLESS NOTED OR SHOWN OTHERWISE. IF DEVICE IS SHOWN TO ONE SIDE OF TILE (I.E. 2 X 4), CENTER DEVICE IN THAT HALF OF THE TILE.

F. COORDINATE CEILING MOUNTED EQUIPMENT SUCH AS PIPES, DUCTWORK, CONDUITS, DATA, A/V CABLING / WIRING, AND FIXTURE SIZES AND LOCATIONS WITH HVAC / ELECTRICAL / FIRE PROTECTION / PLUMBING DRAWINGS.

G. GENERAL CONTRACTOR TO COORDINATE WITH ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPES, QUANTITY, AND LAYOUT.

H. 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.

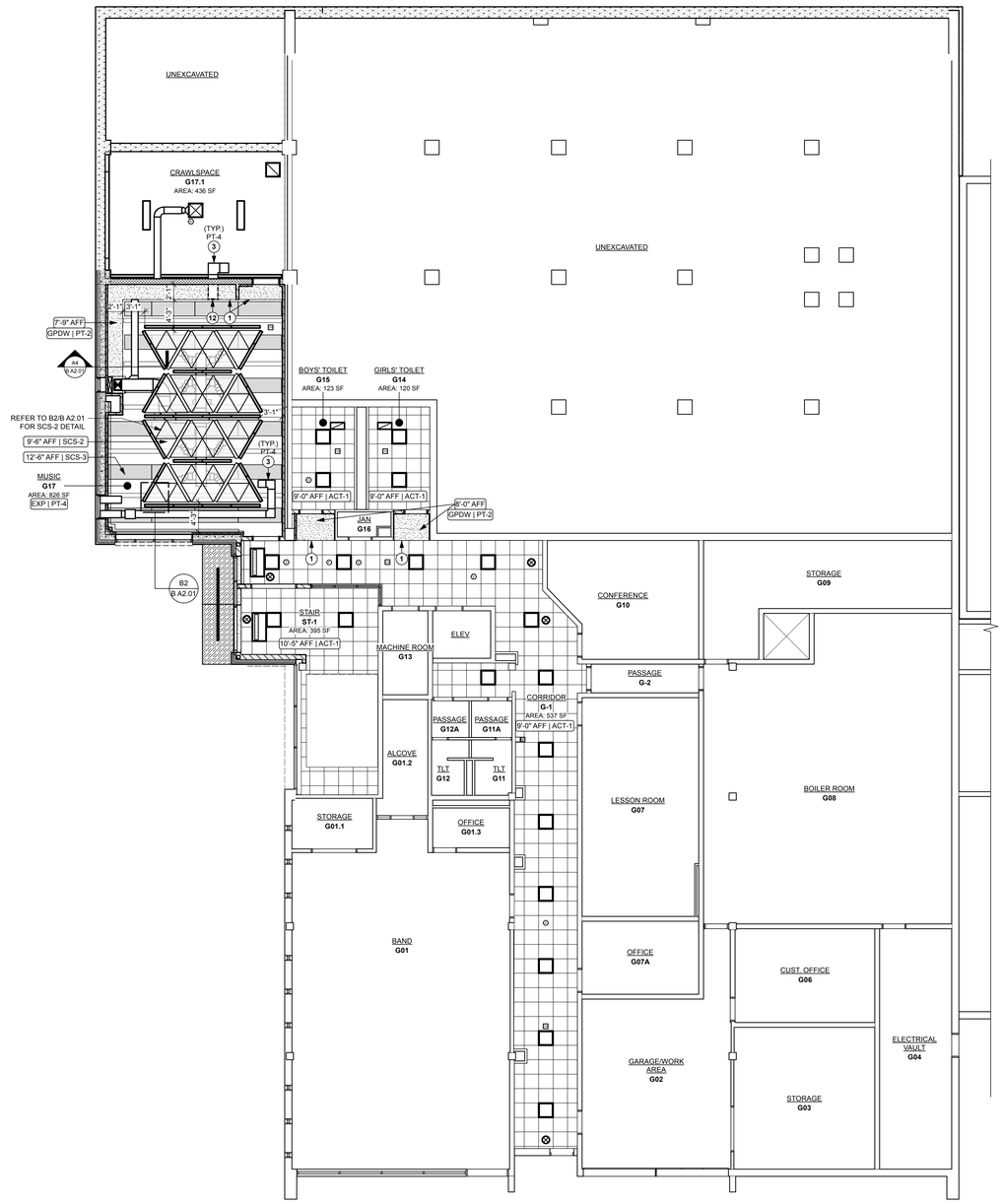
I. NEW CEILINGS TO BE INSTALLED AT EXISTING CEILING HEIGHT UNLESS NOTED OTHERWISE.

J. ALIGN FACE OF SOFFIT / BULKHEAD WITH FACE OF WALL, BOTH SIDES WHERE APPLICABLE, UNLESS NOTED OTHERWISE.

KEYED REFLECTED CEILING PLAN NOTES

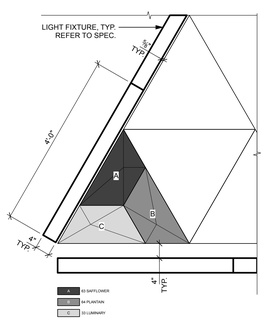
REFER TO SHEET B/A2.01 FOR GENERAL REFLECTED CEILING NOTES. NOT ALL KEYED RCP NOTES WILL BE USED ON THIS SHEET.

1. ALIGN FACE OF SOFFIT WITH FACE OF WALL, BOTH SIDES WHERE APPLICABLE. SEE DETAILS A1/B A2.01.
2. ALIGN FACE OF BULKHEAD WITH FACE OF WALL, BOTH SIDES WHERE APPLICABLE. SEE DETAILS A2/B A2.01.
3. PAINT DUCTWORK, STRUCTURE, AND/OR ROOF DRAIN LEADERS. REFER TO PLAN FOR FINISH.
4. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
5. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
6. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
7. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
8. INSTALL CENTER ROLL DIVIDING CURTAIN, MOTORS AND ACCESSORIES. REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING ST9.02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
9. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
10. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
11. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
12. PROVIDE OPENING FOR GRILLE IN FACE OF SOFFIT, COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND DRAWINGS.



PROJECT NORTH

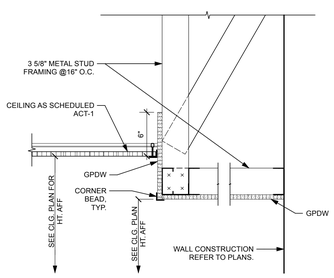
B3 / B A2.01 REFLECTED CEILING PLAN - GROUND FLOOR - AREA 'A'
Scale: 1/8" = 1'-0"



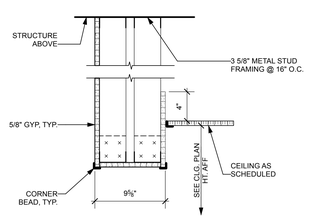
B2 / B A2.01 SPECIALTY CEILING SYSTEM - SCS-2
Scale: 3/4" = 1'-0"

REFLECTED CEILING PLAN SYMBOLS

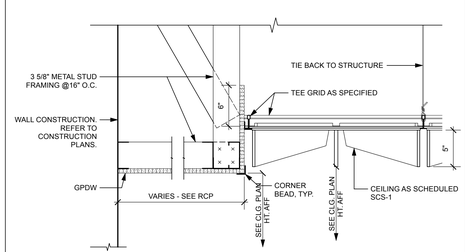
- ACOUSTIC CEILING SYSTEM, 2X4 OR 2X2 AS SHOWN ON DWG
- DRYWALL/PLASTER
- 2X2 LIGHT FIXTURE
- 2X4 LIGHT FIXTURE
- LINEAR LED FIXTURE
- DOWNLIGHT
- 2X2 EMERGENCY
- 2X4 EMERGENCY
- LINEAR EMERGENCY
- DOWNLIGHT EMERGENCY
- EXIT LIGHT WALL MT
- EXIT LIGHT CEILING MT
- HVAC SUPPLY DIFFUSER
- HVAC RETURN GRILLE
- HVAC LINEAR DIFFUSER
- RADIANT CEILING PANEL
- CABINET UNIT HEATER
- SPRINKLER HEAD
- SPEAKER
- OCCUPANCY SENSOR
- FIRE DETECTOR
- ACCESS PANEL
- CORD REEL
- CURTAIN TRACK



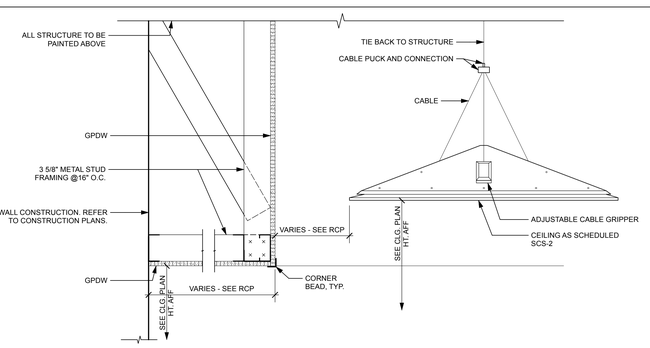
A1 / B A2.01 TYP. SOFFIT DETAIL
Scale: 1 1/2" = 1'-0"



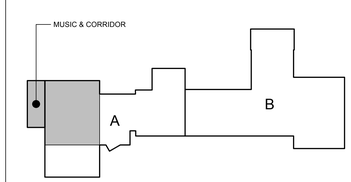
A2 / B A2.01 TYP. BULKHEAD DETAIL
Scale: 1 1/2" = 1'-0"



A3 / B A2.01 CEILING DETAIL - SPEC. CLG (SCS-1)
Scale: 1 1/2" = 1'-0"



A4 / B A2.01 CEILING DETAIL - SPEC. CLG (SCS-2)
Scale: 1 1/2" = 1'-0"



PROJECT NORTH

KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT — JERRY B. TARDIF — No. 37554 — STATE OF NEW YORK

License Expiration Date: 5/31/2029

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MARK	DATE	DESCRIPTION
A	10/12/2026	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **11/10/2025**

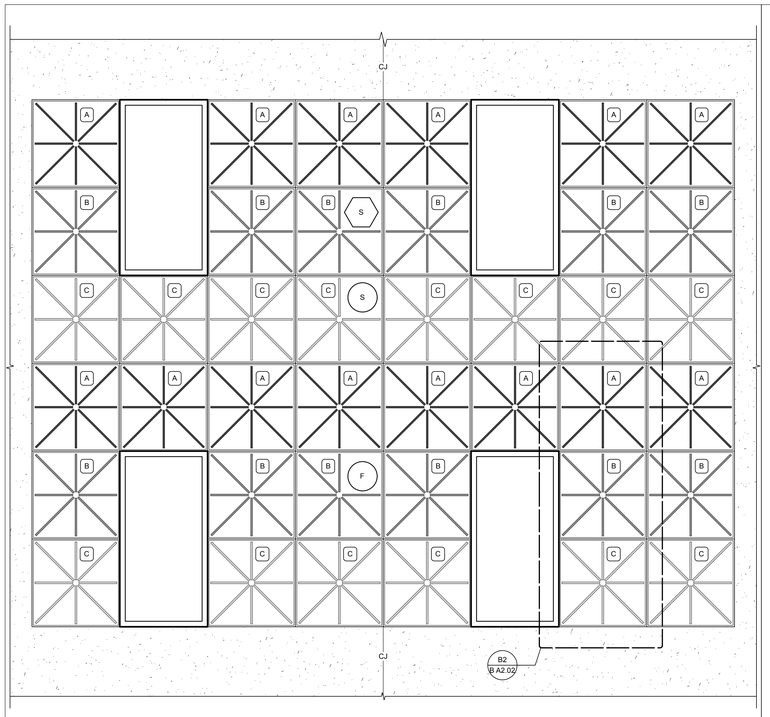
DRAWN BY: **EMR / RR**

SCALE: **Sheet Scale**

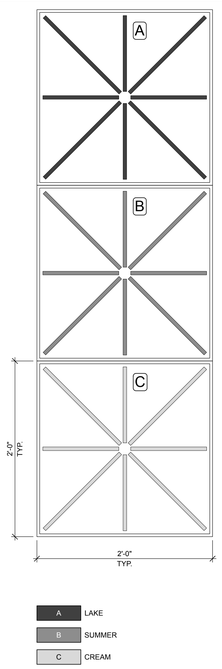
DRAWING TITLE:

REFLECTED CEILING PLAN - GROUND FLOOR

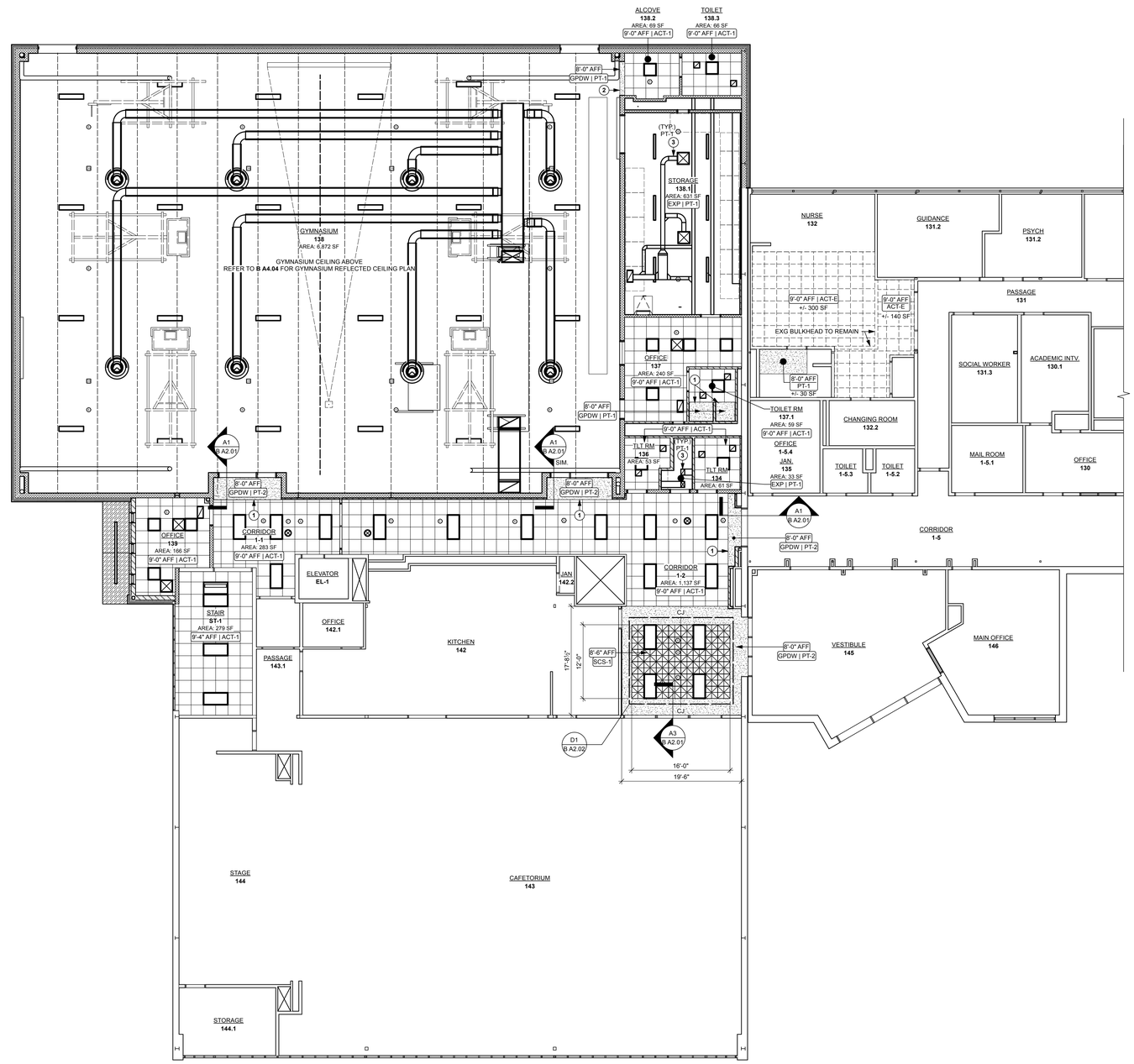
B A2.01



D1 / B A2.02 ENLARGED SPECIALTY CEILING SYSTEM - SCS-1
Scale: 3/4" = 1'-0"



B2 / B A2.02 SPECIALTY CEILING SYSTEM - SCS-1
Scale: 1 1/2" = 1'-0"



PROJECT NORTH
B3 / B A2.02 REFLECTED CEILING PLAN - FIRST FLOOR - AREA 'A'
Scale: 1/8" = 1'-0"

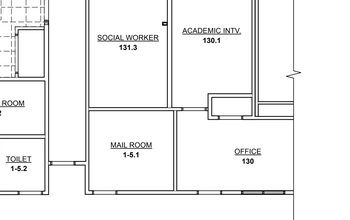
REFLECTED CEILING PLAN SYMBOLS

- ACOUSTIC CEILING SYSTEM, 2X4 OR 2X2 AS SHOWN ON DWG
- DRYWALL/PLASTER
- 2X2 LIGHT FIXTURE
- 2X4 LIGHT FIXTURE
- LINEAR LED FIXTURE
- DOWNLIGHT
- 2X2 EMERGENCY
- 2X4 EMERGENCY
- LINEAR EMERGENCY
- DOWNLIGHT EMERGENCY
- EXIT LIGHT WALL MT
- EXIT LIGHT CEILING MT
- HVAC SUPPLY DIFFUSER
- HVAC RETURN GRILLE
- HVAC LINEAR DIFFUSER
- RADIANT CEILING PANEL
- CABINET UNIT HEATER
- SPRINKLER HEAD
- SPEAKER
- OCCUPANCY SENSOR
- FIRE DETECTOR
- ACCESS PANEL
- CORD REEL
- CURTAIN TRACK

KEYED REFLECTED CEILING PLAN NOTES

REFER TO SHEET B/A2.01 FOR GENERAL REFLECTED CEILING NOTES. NOT ALL KEYED RCP NOTES WILL BE USED ON THIS SHEET.

1. ALIGN FACE OF SOFFIT WITH FACE OF WALL, BOTH SIDES WHERE APPLICABLE. SEE DETAILS A1/B A2.01.
2. ALIGN FACE OF BULKHEAD WITH FACE OF WALL, BOTH SIDES WHERE APPLICABLE. SEE DETAILS A2/B A2.01.
3. PAINT DUCTWORK, STRUCTURE, AND/OR ROOF DRAIN LEADERS. REFER TO PLAN FOR FINISH.
4. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
5. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
6. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
7. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
8. INSTALL CENTER ROLL DIVIDING CURTAIN, MOTORS AND ACCESSORIES, REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING ST9.02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
9. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
10. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
11. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
12. PROVIDE OPENING FOR GRILLE IN FACE OF SOFFIT, COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND DRAWINGS.



PROJECT NORTH
KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7966**

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

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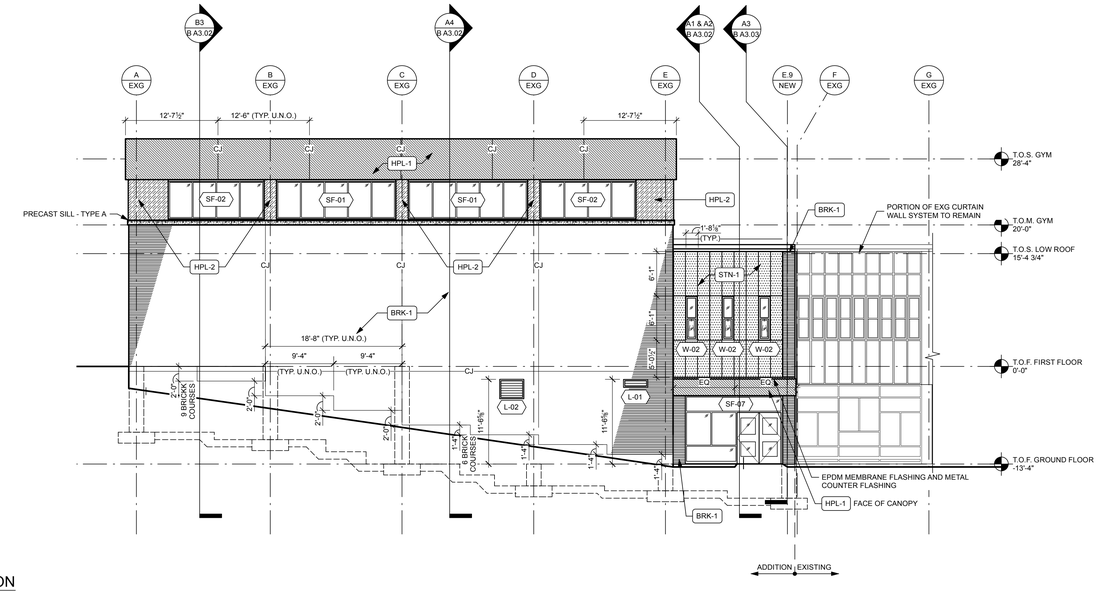
B A2.02



D1 B A3.01 NORTH ELEVATION
Scale: 1/8" = 1'-0"

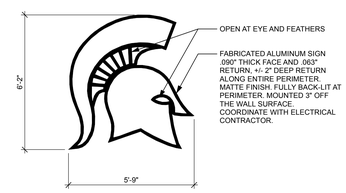
EXTERIOR ELEVATION GENERAL NOTES

A. COORDINATE FOUNDATION WORK WITH STRUCTURAL DRAWINGS.

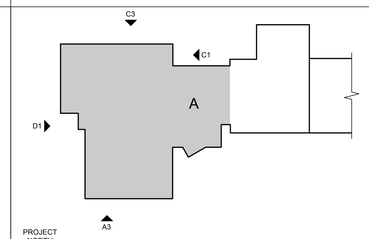
B. (XX) SYMBOL INDICATES LOUVER/WINDOW/STOREFRONT TYPE. REFER TO DOOR AND WINDOW SHEETS FOR SIZES AND DETAILS

EXTERIOR MATERIALS LEGEND

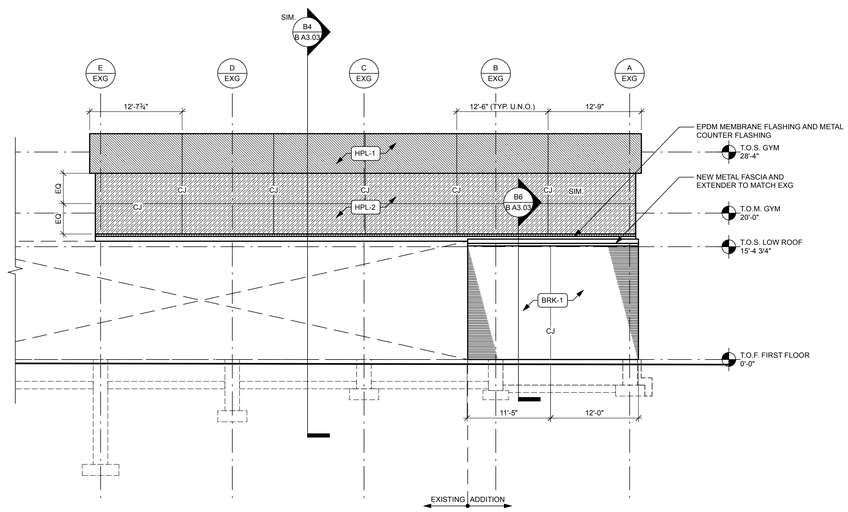
	BRK-1	BRICK TO MATCH EXG
		CONCRETE
	HPL-1	HIGH PRESSURE LAMINATE PANEL, TYPE 1
	HPL-2	HIGH PRESSURE LAMINATE PANEL, TYPE 2
	STN-1	STONE PANEL SYSTEM, TYPE 1



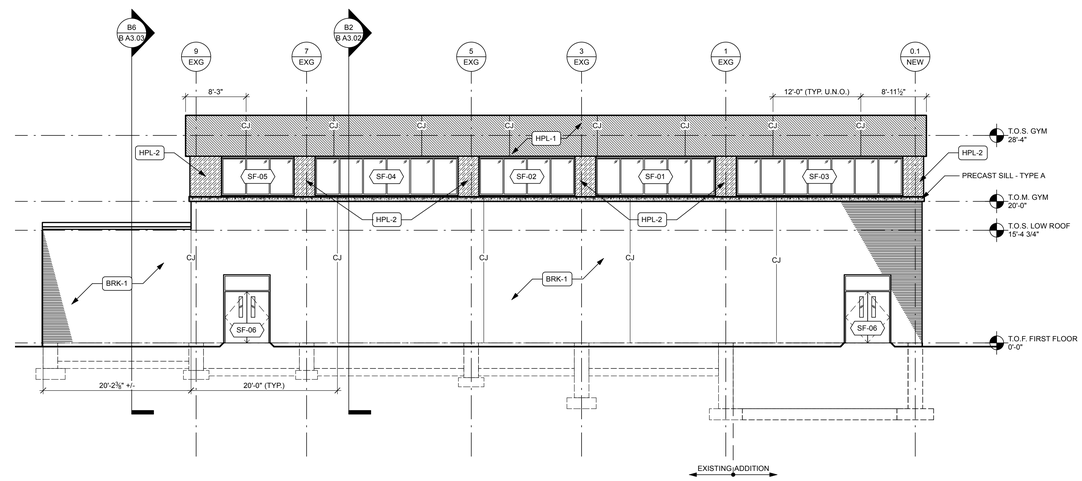
D5 B A3.01 SIGN DETAIL
Scale: 3/8" = 1'-0"



PARTIAL KEY PLAN

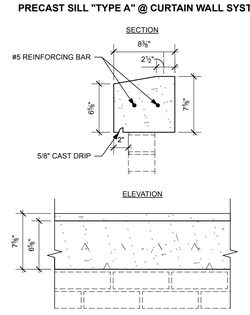


C1 B A3.01 SOUTH ELEVATION
Scale: 1/8" = 1'-0"

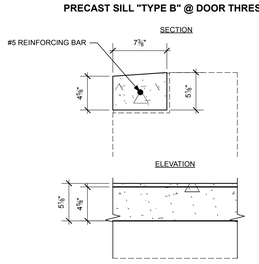


C3 B A3.01 EAST ELEVATION
Scale: 1/8" = 1'-0"

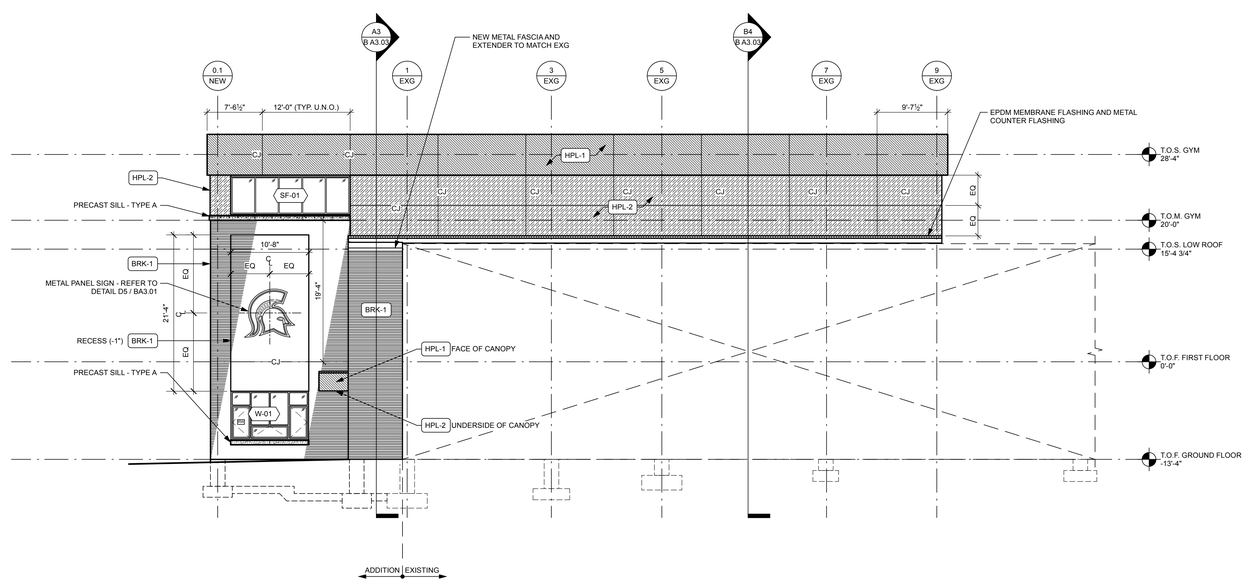
PRECAST SILL "TYPE A" @ CURTAIN WALL SYSTEM



PRECAST SILL "TYPE B" @ DOOR THRESHOLD



A2 B A3.01 PRECAST CONCRETE DETAILS
1 1/2" = 1'-0"



A3 B A3.01 WEST ELEVATION
Scale: 1/8" = 1'-0"

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KIRAN B. TAYLOR D. 37554 STATE OF NEW YORK

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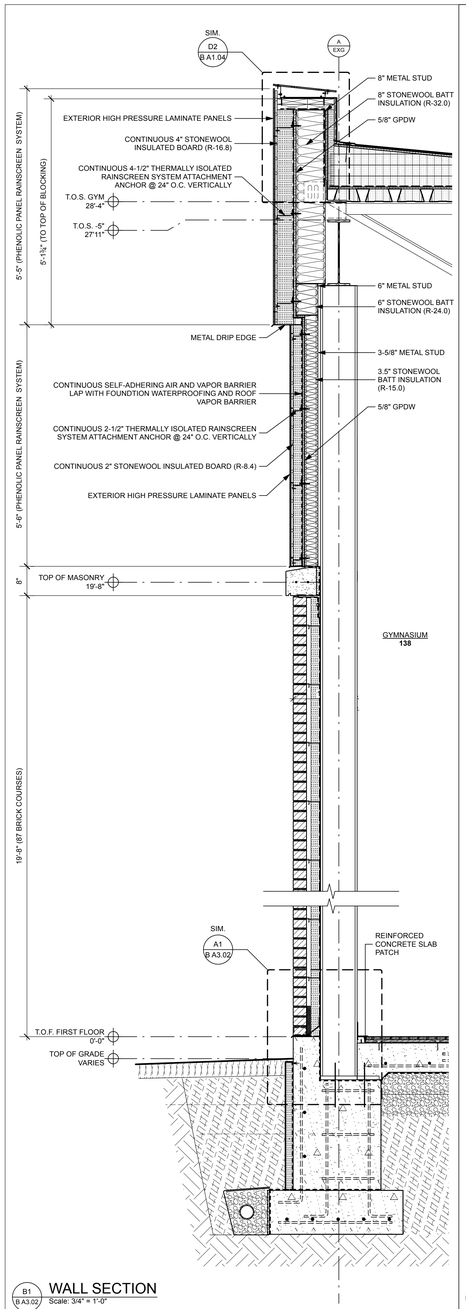
EXTERIOR ELEVATIONS

B A3.01



B1 B A3.02 WALL SECTION
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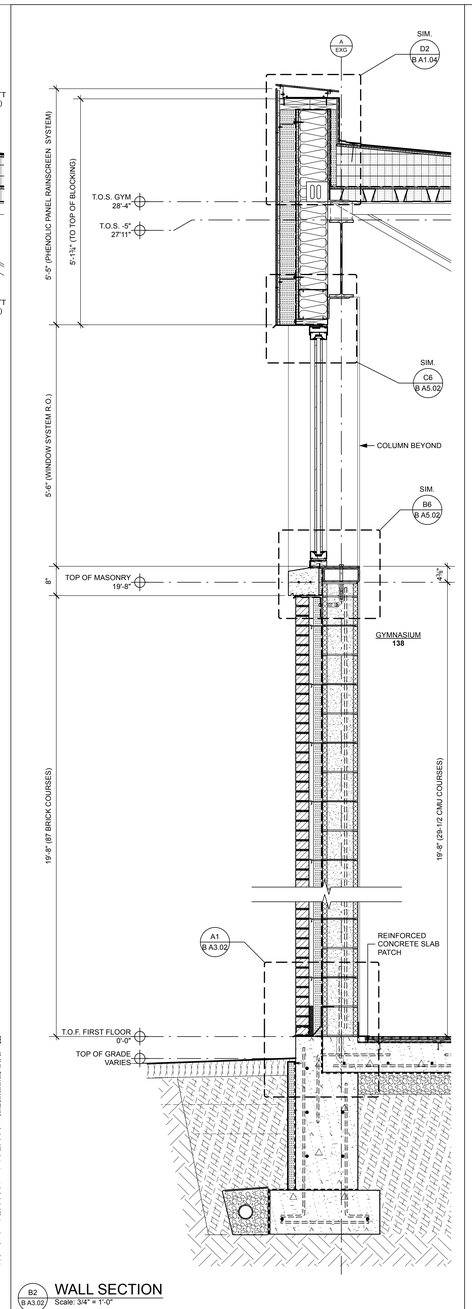

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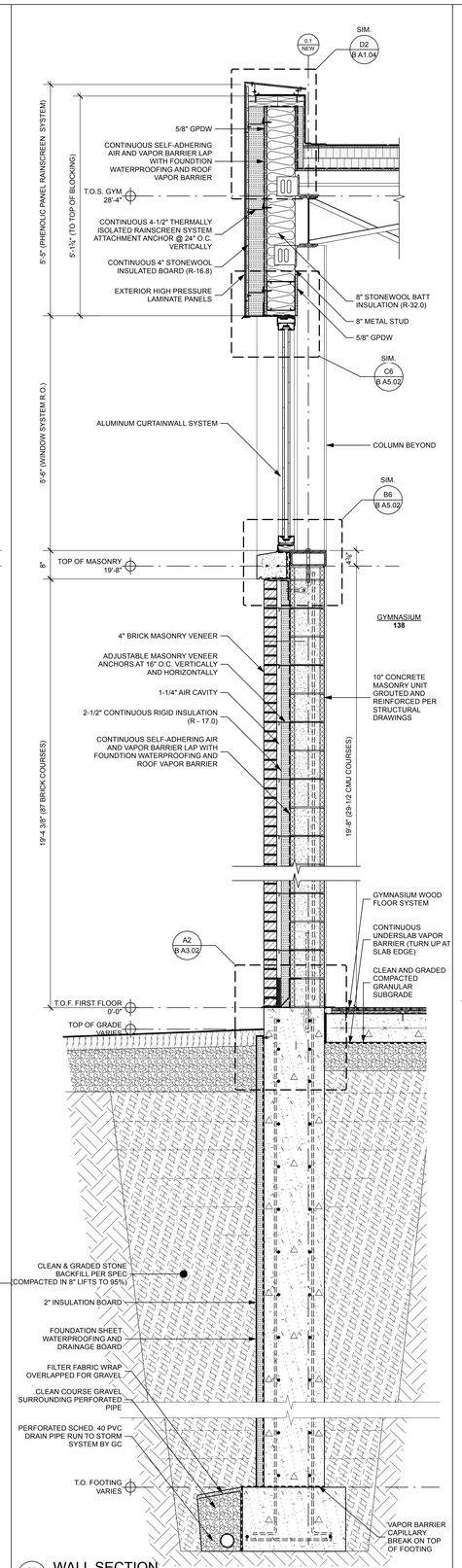
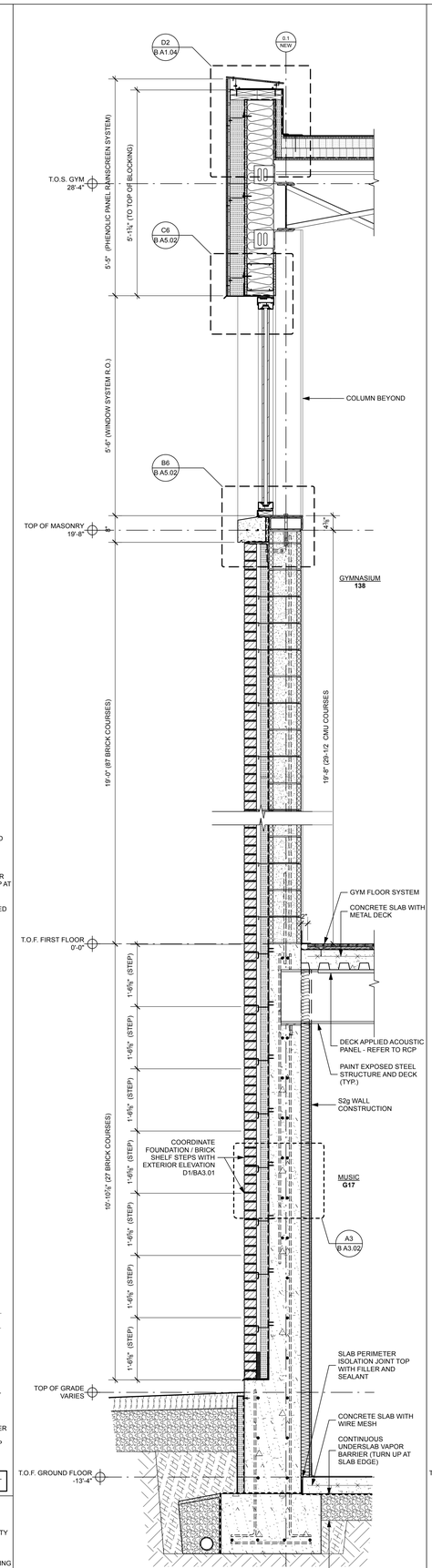


B3 B A3.02 WALL SECTION
Scale: 3/4" = 1'-0"

NOTES AT THIS WALL SECTION APPLY TO ALL SECTIONS UNLESS INDICATED OTHERWISE



A4 B A3.02 WALL SECTION
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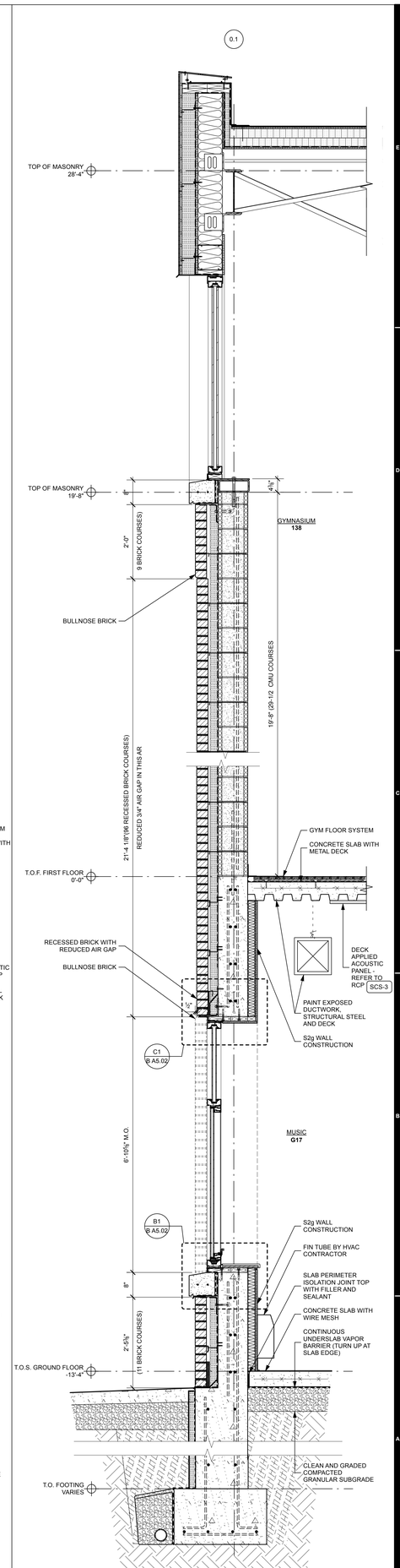

A6 B A3.02 WALL SECTION
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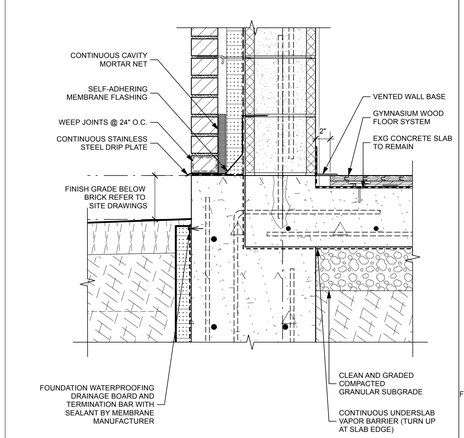
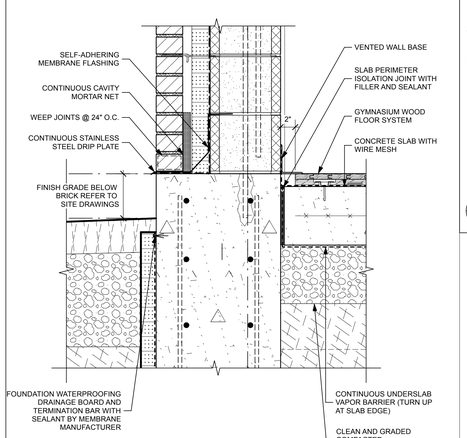
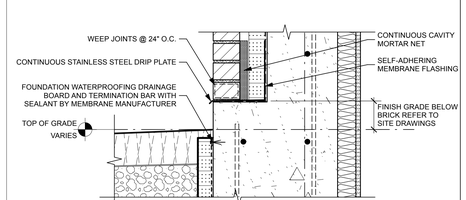


A1 B A3.02 WALL BASE @ MASONRY WALL & SLAB INFILL
Scale: 1 1/2" = 1'-0"



A2 B A3.02 WALL BASE @ MASONRY WALL & NEW FOUNDATION
Scale: 1 1/2" = 1'-0"



A3 B A3.02 WALL BASE @ BRICK SHELF & NEW FOUNDATION
Scale: 1 1/2" = 1'-0"

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

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REGISTERED ARCHITECT JERRY B. TARDIO No. 37554 STATE OF NEW YORK

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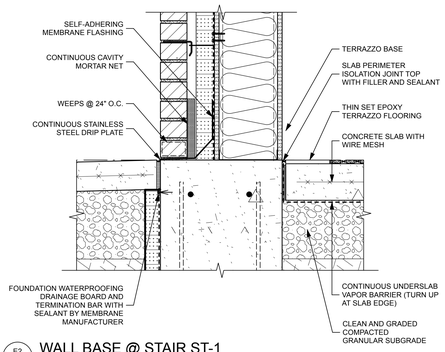
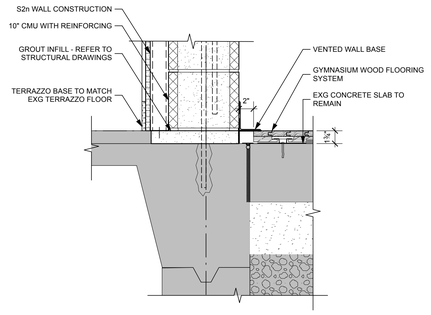
WALL SECTIONS

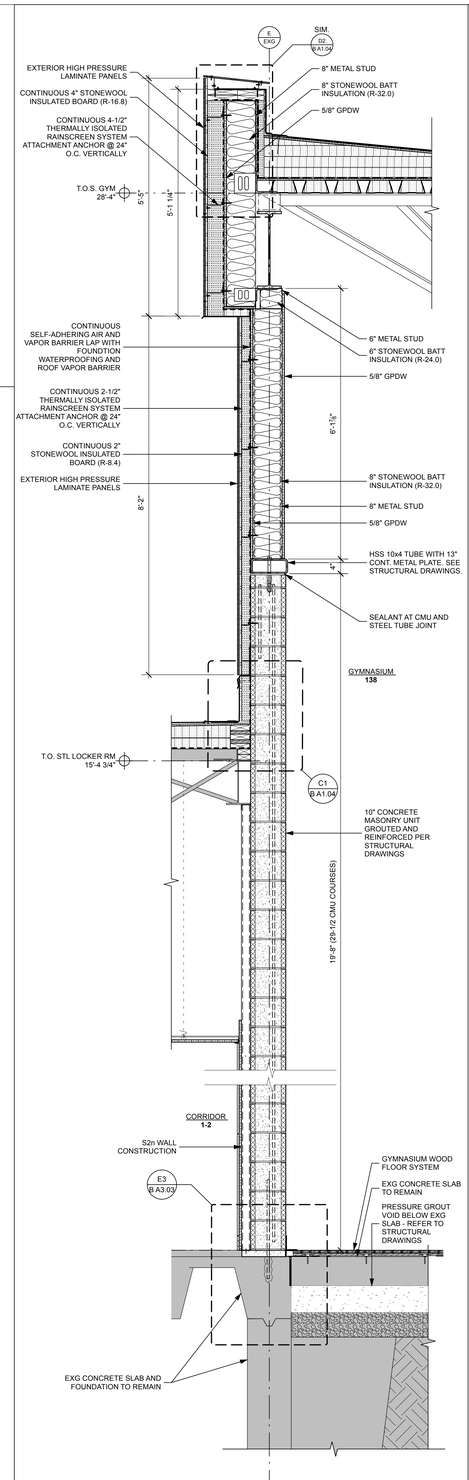
B A3.02



E2 / B A3.03 WALL BASE @ STAIR ST-1
Scale: 1 1/2" = 1'-0"



E3 / B A3.03 WALL BASE @ INTERIOR MASONRY WALL
Scale: 1 1/2" = 1'-0"



B4 / B A3.03 WALL SECTION
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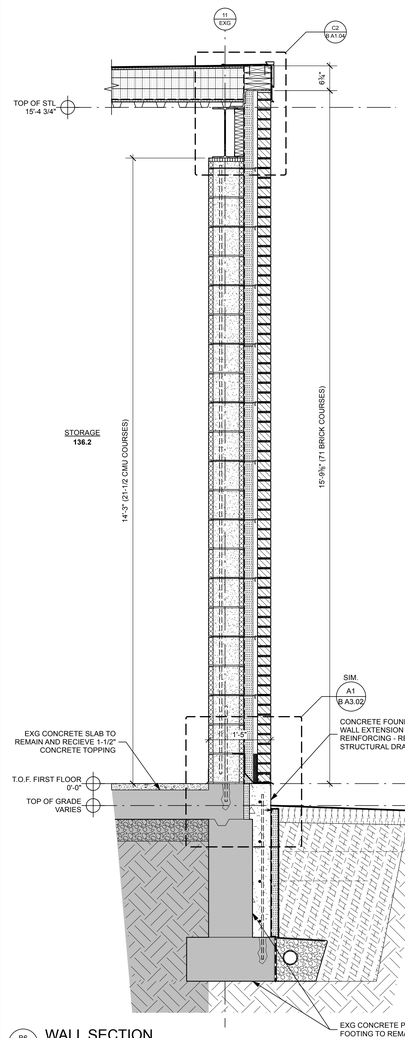

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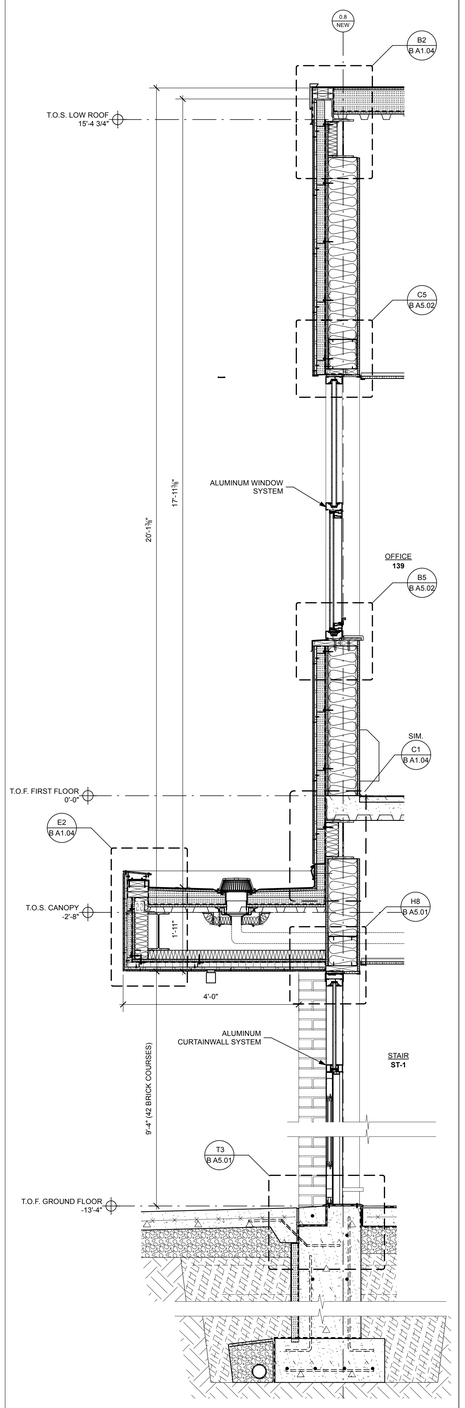

A1 / B A3.03 WALL SECTION
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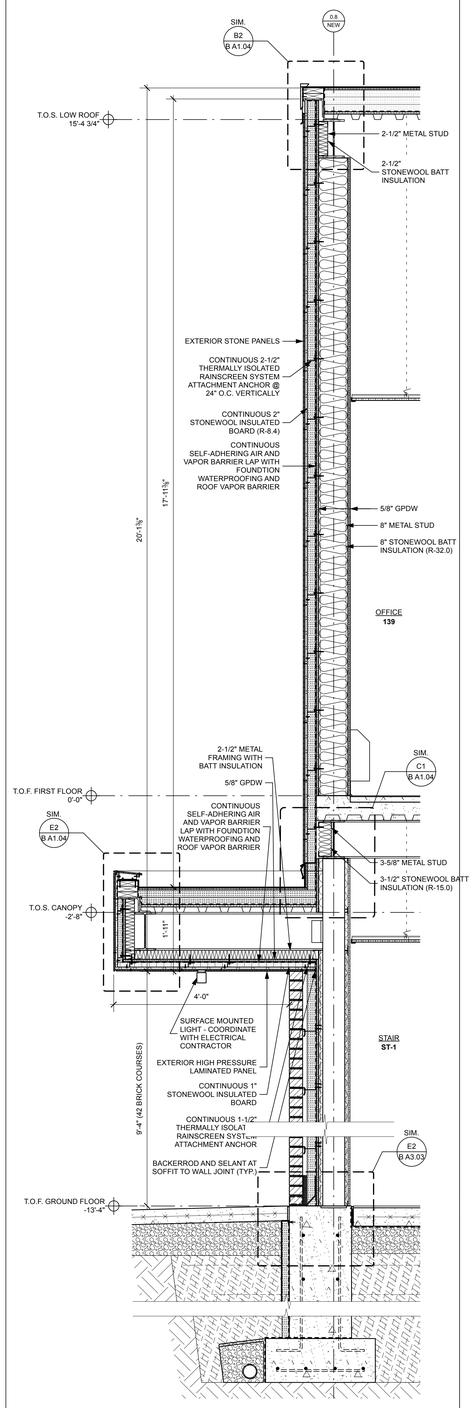

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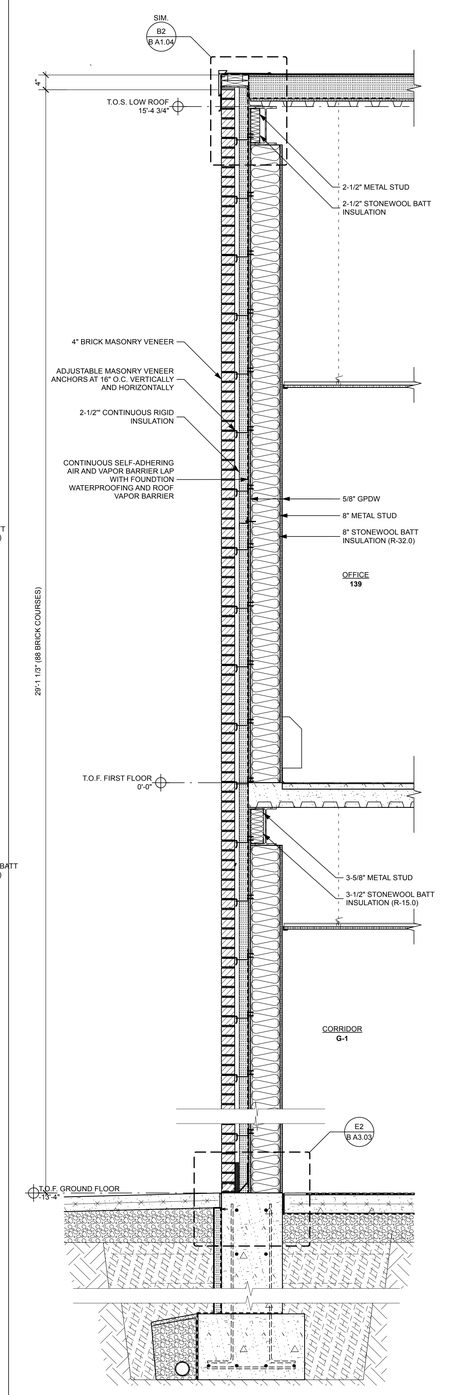

A3 / B A3.03 WALL SECTION
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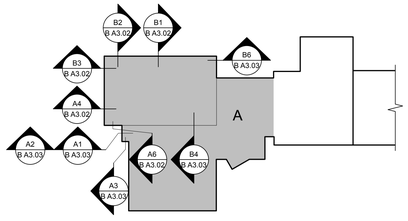

PROJECT NORTH
PARTIAL KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
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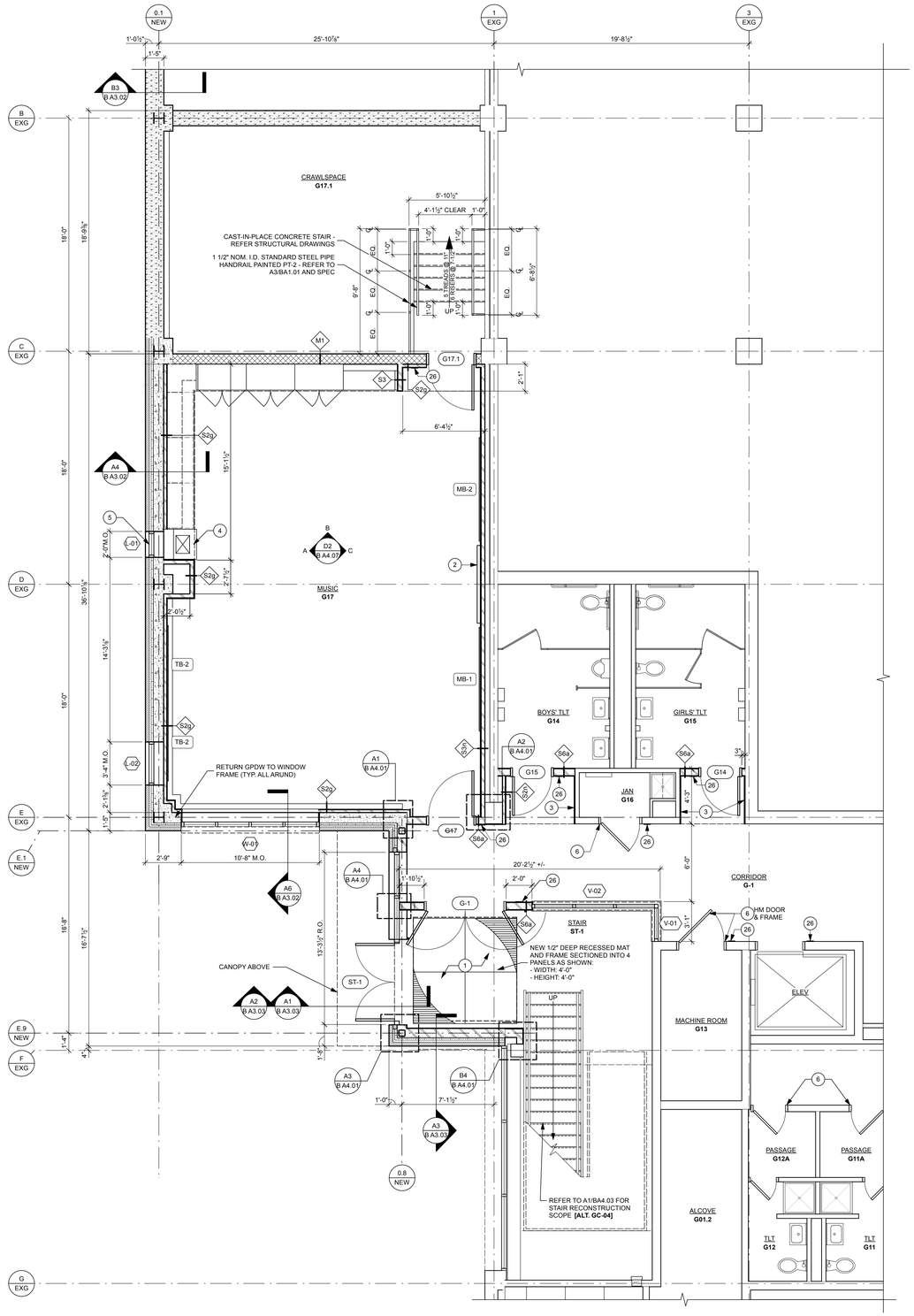
WALL SECTIONS

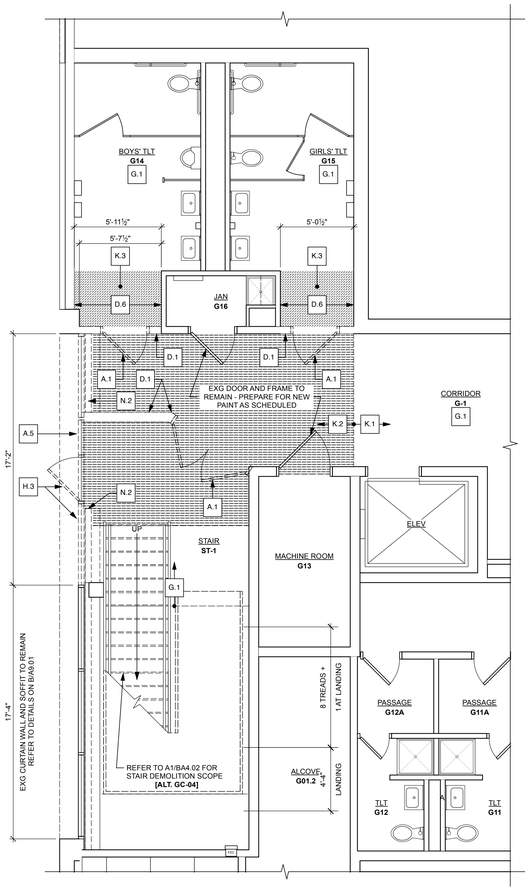
B A3.03



PROJECT NORTH

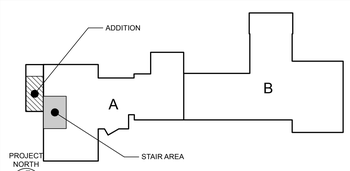
B1 / B A4.01 ENLARGED CONSTRUCTION PLAN - GROUND FLOOR - AREA 'A'
Scale: 1/4" = 1'-0"

REFER TO SHEET B/A6.02 FOR FLOOR FINISH PLAN.



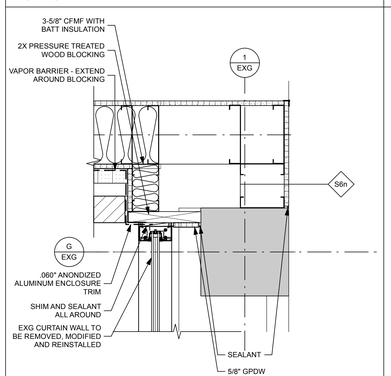
PROJECT NORTH

C4 / B A4.01 ENLARGED DEMOLITION PLAN - GROUND FLOOR - AREA 'A'
Scale: 1/4" = 1'-0"

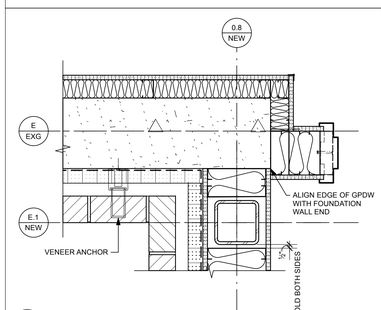


PROJECT NORTH

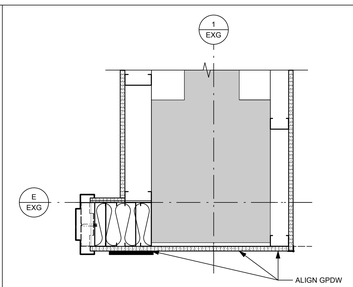
KEY PLAN



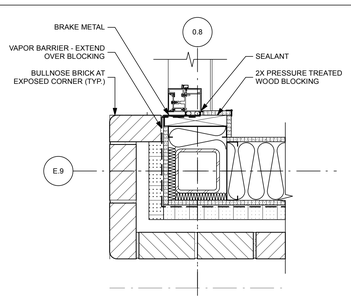
B4 / B A4.01 PLAN DETAIL
Scale: 1 1/2" = 1'-0"



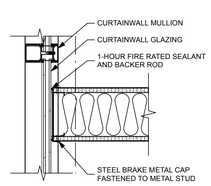
A1 / B A4.01 PLAN DETAIL
Scale: 1 1/2" = 1'-0"



A2 / B A4.01 PLAN DETAIL
Scale: 1 1/2" = 1'-0"



A3 / B A4.01 PLAN DETAIL
Scale: 1 1/2" = 1'-0"



A4 / B A4.01 PLAN DETAIL
Scale: 1 1/2" = 1'-0"

KEYED CONSTRUCTION NOTES

REFER TO SHEET B/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.
REFER TO SHEET B/A1.01 FOR GENERAL CONSTRUCTION NOTES.
NOT ALL KEYED CONSTRUCTION NOTES BELOW ARE REFERENCED ON THIS SHEET.

1. PROVIDE 1/2" DEEP RECESSED WALK OFF MAT AND FRAME SECTIONED INTO PANELS AS SHOWN.
2. WALL MOUNTED INTERACTIVE DISPLAY PROVIDED BY OWNER AND INSTALLED BY GC. PROVIDE BLOCKING AS REQUIRED FOR SUPPORT AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH EC.
3. LAMINATE PARTITION WITH 5/8" GPDW ALIGNED WITH FACE OF EXG ADJACENT WALL(S).
4. VERTICAL UNIT VENTILATOR BY HVAC CONTRACTOR - REFER TO HVAC DRAWINGS FOR TYPICAL DIMENSIONS AND COORDINATE ROUGH-IN WITH HVAC CONTRACTOR.
5. LOUVER PROVIDED BY HVAC CONTRACTOR AND INSTALLED BY GC.
6. EXG FRAME TO REMAIN AND RECEIVE SURFACE PREPARATION AND PAINTING. SURFACE PREPARATION SHALL INCLUDE BUT NOT BE LIMITED TO INFILL OF EXG HOLES, INSTALLATION OF BLANKS, GENERAL SANDING AND SPOT PRIMING OF SURFACES NECESSARY FOR THE APPLICATION OF SPECIFIED FINISH. PAINT PT-2 U.N.O.
7. PATCH AND PAINT WALL TO MATCH EXG AT AREA OF PARTIAL REMOVAL AND ELECTRICAL PANEL RELOCATION.
8. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL B4 / BA9.01
9. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL A4/BA.901.
10. INSTALL PLAM PANEL SYSTEM - REFER TO INTERIOR ELEVATIONS. REMOVE EXG GPDW TO REVEAL METAL FRAMING BEHIND AND INSTALL BLOCKING FOR ANCHORS. INSTALL NEW GPDW AND PAINT TO MATCH EXG.
11. INSTALL CUSTOM SIGNAGE - REFER TO INTERIOR ELEVATIONS.
12. RE-INSTALL SALVAGED ROCK CLIMBING WALL PANEL SYSTEM AND WALL PADS.
13. INSTALL WALL MOUNTED ROOF LADDER RL-2 - REFER TO DETAIL D3 / BA1.03.
14. LOCATION OF NEW VOLLEYBALL SLEEVE, COVERPLATE AND ACCESSORIES. REFER TO DETAILS ON SHEET B/A9.01 AND COORDINATE WITH GAMELINE STRIPING.
15. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
16. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
17. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
18. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
19. INSTALL CENTER ROLL DIVIDING CURTAIN, MOTORS AND ACCESSORIES. REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING S7/S 02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
20. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
21. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
22. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
23. DIMENSIONAL METAL SIGNAGE WITH INTEGRATED LIGHTS - REFER TO EXTERIOR ELEVATIONS AND COORDINATE WITH ELECTRICAL CONTRACTOR.
24. REFER TO PLAN DETAIL C6 /BA4.05 FOR COLUMN TO CMU CONNECTION.
25. REFER TO PLAN DETAIL B6 BA4.05 FOR COLUMN TO CMU CONNECTION.
26. ROOM SIGNAGE LOCATION. REFER TO A1/B A6.01 FOR SIGNAGE TYPES.
27. FOLLOWING REMOVAL OF PRECAST TERRAZZO STAIR TREADS AND SETTING BED, PROVIDE NEW CORROSION RESISTANT TREAD ANCHOR TO MATCH EXISTING CONFIGURATION AND AS RECOMMENDED BY NEW TREAD MANUFACTURER. (FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SHOP DRAWING PREPARATION). INSTALL NEW PRECAST TREAD WITH INTEGRAL ABRASIVE INSERTS (3) AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**
28. FOLLOWING REMOVAL OF CAST IN PLACE TERRAZZO STAIR LANDING, CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. PROVIDE BED REINFORCING PER MANUFACTURER'S RECOMMENDATION. (FIELD VERIFY ALL EXISTING CONDITIONS). INSTALL NEW CAST IN PLACE TERRAZZO STAIR LANDING AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. PROVIDE TILE DIVIDER STRIPS AT LANDING AS INDICATED AND AS SPECIFIED. PREPARE TO SITE CAST TERRAZZO. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**

DEMOLITION LEGEND

- HATCH INDICATES AREA OF TERRAZZO REMOVAL - REFER TO KEYED DEMOLITION NOTE K.2
- HATCH INDICATES AREA OF TRENCHING - REFER TO KEYED DEMOLITION NOTE K.12
- HATCH INDICATES AREA OF CEILING TILE AND GRID TO BE REMOVED FOR MEP ACCESS - REFER TO KEYED DEMOLITION NOTE G.7

KEYED DEMOLITION NOTES

NOTE: NOT ALL NOTES LISTED BELOW APPLY TO THIS SHEET. REFER TO SHEET BA0.01 FOR GENERAL DEMOLITION NOTES AND BA0.00 FOR LEGENDS & SYMBOLS.

WINDOW AND DOOR DEMOLITION

- A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.
- A.2 REMOVE HOLLOW METAL DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.
- A.3 REMOVE FRP/ALUMINUM DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.
- A.4 REMOVE WOOD DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.
- A.5 REMOVE A PORTION OF EXG STOREFRONT SYSTEM. REFER TO DETAILS ON B/A9.01. SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.
- A.6 REMOVE FRP DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.
- A.7 REMOVE WINDOW, FRAME, SILL, WINDOW TREATMENTS, AND ALL ATTACHMENTS COMPLETE.
- A.8 REMOVE LOUVER COMPLETE, COORDINATE WITH HVAC CONTRACTOR.

B. FOLDING / OPERABLE WALLS DEMOLITION

- B.1 REMOVE FOLDING PARTITION AND TRACK COMPLETE, INCLUDING ALL WALL MOUNTED ACCESSORIES AND WIRING. PATCH REMAINING SURFACES. COORDINATE WITH ELECTRICAL DRAWINGS AND CONTRACTOR.

C. LOCKER DEMOLITION

- C.1 REMOVE LOCKERS, BENCHES, CONRETE BASE, TRIM AND ALL ATTACHMENTS COMPLETE. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D. INTERIOR WALL AND FINISH DEMOLITION

- D.1 REMOVE A PORTION OF MASONRY WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.
- D.2 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.
- D.3 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.
- D.4 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMAIN.
- D.5 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.
- D.6 REMOVE PORCELAIN WALL TILE AND BOND COAT COMPLETE. SCARIFY FACE OF UNDERLYING MORTAR BED AND PREPARE FOR NEW WORK.
- D.7 REMOVE VINYL BASE COMPLETE. PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.

E. TOILET PARTITIONS DEMOLITION

- E.1 REMOVE TOILET PARTITIONS AND SCREENS COMPLETE.

G. CEILING DEMOLITION

- G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.
- G.2 REMOVE PLASTER CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.
- G.3 REMOVE SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.
- G.4 REMOVE SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE.
- G.5 REMOVE BULKHEAD AND ALL ASSOCIATED CONSTRUCTION COMPLETE.
- G.6 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. REMOVE PLASTER CEILING AND SUSPENSION SYSTEM ABOVE LAY-IN CEILING.
- G.7 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILIGN AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK BY OTHERS. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS, COORDINATE WITH HVAC CONTRACTOR. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN A SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXG.
- G.8 REMOVE A PORTION OF DRYWALL CEILING AND SUSPENSION SYSTEM COMPLETE AS REQUIRED FOR NEW WORK BY OTHERS. REFER TO PLAN FOR SIZE AND LOCATION AND COORDINATE WITH HVAC CONTRACTOR.

H. EXTERIOR DEMOLITION

- H.1 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO EXISTING FASCIA. EXISTING COLUMNS AND BEAMS TO BE REMOVED, REFER TO STRUTURAL DRAWINGS. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.
- H.2 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO BOTTOM OF STRUCTURE. EXISTING COLUMNS AND BEAMS TO REMAIN. TEMPORARILY SHORE EXISTING FASCIA CONSTRUCTION AS NEEDED UNTIL NEW WALL CONSTRUCTION IS IN PLACE.
- H.3 REMOVE A PORTION OF EXTERIOR SOFFIT CONSTRUCTION AS INDICATED ON DRAWINGS. COORDINATE WITH PARTIAL REMOVAL & MODIFICATION OF ADJACENT CURTAIN WALL. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.
- H.4 GENERAL CONTRACTOR TO REMOVE PORCELAIN PANELS, EXTERIOR SOFFIT, BACKUP CONSTRUCTION AND ALL ATTACHMENTS COMPLETE. EXISTING COLUMNS AND BEAMS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

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

J. STEEL DEMOLITION - REFER TO STRUCTURAL DRAWINGS

K. FLOOR DEMOLITION

- K.1 REMOVE EXISTING PRECAST TERRAZZO STAIR TREADS AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**
- K.2 REMOVE A PORTION OF TERRAZZO FLOORING AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXISTING CONTROL JOINTS. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.
- K.3 REMOVE A PORTION OF PORCELAIN TILE FLOORING, BASE AND MORTAR BED COMPLETE TO CONCRETE. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.
- K.4 REMOVE A PORTION OF TERRAZZO COVE BASE AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXG CONTROL JOINT. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.
- K.5 SAND EXG TERRAZZO FLOORING TO REMOVE ALL GLAZE AND WAX. FILL ALL CRACKS AND OTHER DEPRESSIONS WITH CEMENTITIOUS LEVELING FILL. PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.
- K.6 REMOVE CERAMIC MOSAIC TILE, BASE, BOND COAT AND MORTAR BED COMPLETE TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFED, PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF EXISTING DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.
- K.7 REMOVE CONCRETE SHOWER CURB TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.
- K.8 REMOVE VINYL FLOORING, 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.9 REMOVE QUARRY TILE FLOORING, BASE, AND MORTAR BED COMPLETE TO CONCRETE SLAB. PREPARE SLAB FOR NEW FINISH AS SCHEDULED. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFED. PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.
- K.10 REMOVE ABANDONED LOCKER BASE TO CONCRETE SLAB. PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.
- K.11 REMOVE EXISTING CAST IN PLACE TERRAZZO STAIR LANDING AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**
- K.12 GC TO SAW CUT EXG CONCRETE SLAB TO PROVIDE ACCESS TO PIPING BELOW. COORDINATE LOCATIONS AND SIZES WITH PLUMBING CONTRACTOR AND DRAWINGS. UPON COMPLETION OF NEW WORK PLUMBING CONTRACTOR TO PROVIDE BACKFILL AND GC TO PATCH SLAB TO MATCH EXG AND PREPARE FOR NEW FINISH
- K.13 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE, 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.14 REMOVE CEMENTITIOUS UNDERLAYMENT RAMP AT DOORWAY DOWN TO EXG STRUCTURAL SLAB TO REMAIN.
- K.15 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR VCT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR VCT. REFER TO ENVIRONMENTAL DRAWINGS, GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.
- K.16 REMOVE AND SALVAGE TEMPORARY SPORTS FLOORING. REINSTALL IN A NEW LOCATION AS DIRECTED BY THE ARCHITECT AND THE DISTRICT'S REPRESENTATIVE.

L. MILLWORK DEMOLITION

- L.1 REMOVE BASE CABINETS, COUNTERTOPS, WALL CABINETS, TALL CABINETS, BOOKSHELVES AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

M. MISCELLANEOUS DEMOLITION

- M.1 REMOVE ALL WALL MOUNTED TOILET ACCESSORIES INCLUDING (BUT NOT LIMITED TO) PAPER TOWEL AND SOAP DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS, SHELVES, DRYERS, AND SANITARY NAPKIN DISPENSERS AND DISPOSAL. TURN OVER TO OWNER.
- M.2 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. STORE ON SITE WHERE DIRECTED BY OWNER.
- M.3 REMOVE BRICK AND STEEL INCINERATOR BOX AND ATTACHMENTS COMPLETE, COORDINATE WITH ELECTRICAL AND HVAC CONTRACTORS. PATCH EXG CONSTRUCTION TO REMAIN TO MATCH EXG AT AREA OF REMOVAL.
- M.4 REMOVE BASKETBALL BACKSTOP, BACKBOARD, MOTOR, SUPPORTS AND ACCESSORIES COMPLETE. SALVAGE BASKETBALL BACKBOARDS AND TURN OVER TO OWNER. COORDINATE WITH ELECTRICAL CONTRACTOR.
- M.5 REMOVE WALL PADDING, WOOD BLOCKING AND TRIM COMPLETE.
- M.6 REMOVE AND SALVAGE ROCK CLIMBING SYSTEM, WALL PADS AND ACCESSORIES COMPLETE, STORE IN A SAFE PLACE FOR REINSTALLATION IN NEW WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED PANELS AND/OR ACCESSORIES TO MATCH EXG.

N. COORDINATION WITH MEP TRADES DEMOLITION

- N.1 ELEC CONTRACTOR TO REMOVE ELECTRICAL PANEL. COORDINATE WITH REMOVAL OF ADJACENT WALL AND CEILING.
- N.2 HVAC CONTRACTOR TO REMOVE FIN TUBE AND COVER. COORDINATE WITH REMOVAL OF ADJACENT CURTAIN WALL AND EXTERIOR WALL CONSTRUCTION.
- N.3 HVAC CONTRACTOR TO REMOVE UNIT VENTILATOR AND FIN TUBE COVER. GC TO COORDINATE WITH FLOORING REMOVALS.
- N.4 AFTER FLOOR DRAIN REMOVAL BY PLUMBING CONTRACTOR, SCARIFY CONCRETE SLAB SURFACE AT AREA SLOPED TO FLOOR DRAIN AND FILL DEPRESSION WITH SELF-LEVELING CEMENTITIOUS UNDERLAYMENT, UP TO LEVEL WITH FINISHED SLAB SURFACE.
- N.5 PLUMBING FIXTURE REMOVAL BY PLUMBING CONTRACTOR. COORDINATE WITH REMOVAL OF ADJACENT FLOOR AND/OR WALL CONSTRUCTION.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7966**

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KENNY B. TARDIO D. 37554 STATE OF NEW YORK
License Expiration Date: 5/31/2029

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A	10/12/2025	ISSUED FOR BID

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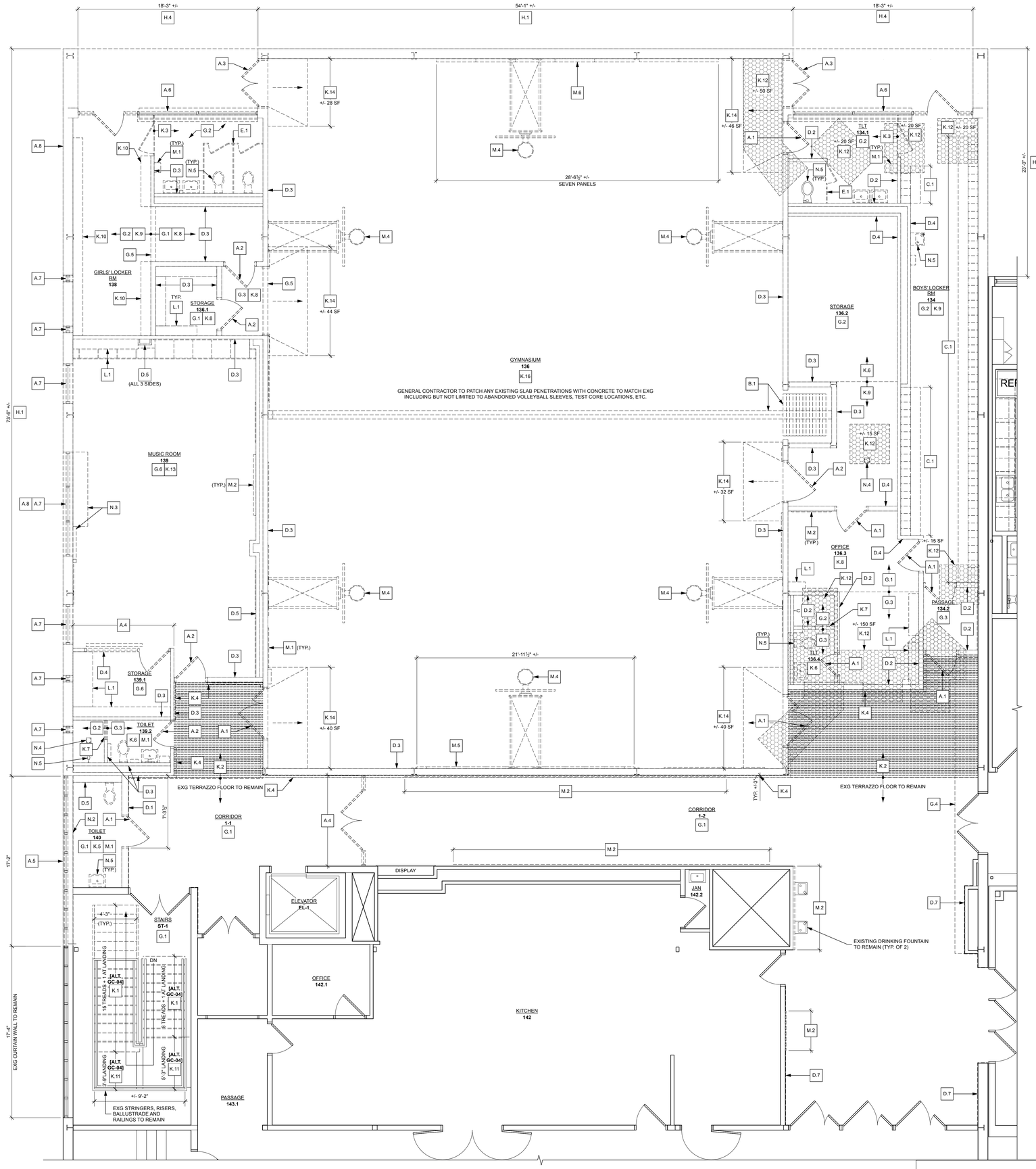
DRAWING DATE: **11/10/2025**
DRAWN BY: **EMR / RR**
SCALE: **Sheet Scale**
DRAWING TITLE:
ENLARGED PLANS - GROUND FLOOR AREA 'A'

B A4.01

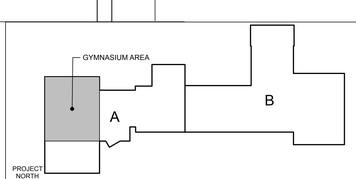


PROJECT NORTH

A1 / B A4.02

ENLARGED DEMOLITION PLAN - FIRST FLOOR - AREA 'A'

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



KEY PLAN - DEMO

KEYED DEMOLITION NOTES

NOTE: NOT ALL NOTES LISTED BELOW APPLY TO THIS SHEET. REFER TO SHEET BA0.01 FOR GENERAL DEMOLITION NOTES AND BA0.00 FOR LEGENDS & SYMBOLS.

WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.2 REMOVE HOLLOW METAL DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.3 REMOVE FRP/ALUMINUM DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.4 REMOVE WOOD DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.5 REMOVE A PORTION OF EXG STOREFRONT SYSTEM. REFER TO DETAILS ON B/A9.01. SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

A.6 REMOVE FRP DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.7 REMOVE WINDOW, FRAME, SILL, WINDOW TREATMENTS, AND ALL ATTACHMENTS COMPLETE.

A.8 REMOVE LOUVER COMPLETE, COORDINATE WITH HVAC CONTRACTOR.

B. FOLDING / OPERABLE WALLS DEMOLITION

B.1 REMOVE FOLDING PARTITION AND TRACK COMPLETE, INCLUDING ALL WALL MOUNTED ACCESSORIES AND WIRING. PATCH REMAINING SURFACES. COORDINATE WITH ELECTRICAL DRAWINGS AND CONTRACTOR.

C. LOCKER DEMOLITION

C.1 REMOVE LOCKERS, BENCHES, CONRETE BASE, TRIM AND ALL ATTACHMENTS COMPLETE. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D. INTERIOR WALL AND FINISH DEMOLITION

D.1 REMOVE A PORTION OF MASONRY WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D.2 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

D.3 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED. REFER TO STRUCTURAL DRAWINGS.

D.4 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMAIN.

D.5 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED. REFER TO STRUCTURAL DRAWINGS.

D.6 REMOVE PORCELAIN WALL TILE AND BOND COAT COMPLETE. SCARIFY FACE OF UNDERLYING MORTAR BED AND PREPARE FOR NEW WORK.

D.7 REMOVE VINYL BASE COMPLETE. PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.

E. TOILET PARTITIONS DEMOLITION

E.1 REMOVE TOILET PARTITIONS AND SCREENS COMPLETE.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE PLASTER CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REMOVE SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.4 REMOVE SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.5 REMOVE BULKHEAD AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.6 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. REMOVE PLASTER CEILING AND SUSPENSION SYSTEM ABOVE LAY-IN CEILING.

G.7 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILIGN AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK BY OTHERS. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS, COORDINATE WITH HVAC CONTRACTOR. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN A SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXG.

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

H. EXTERIOR DEMOLITION

H.1 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO EXISTING FASCIA. EXISTING COLUMNS AND BEAMS TO BE REMOVED. REFER TO STRUTURAL DRAWINGS. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.2 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO BOTTOM OF STRUCTURE. EXISTING COLUMNS AND BEAMS TO REMAIN. TEMPORARILY SHORE EXISTING FASCIA CONSTRUCTION AS NEEDED UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.3 REMOVE A PORTION OF EXTERIOR SOFFIT CONSTRUCTION AS INDICATED ON DRAWINGS. COORDINATE WITH PARTIAL REMOVAL & MODIFICATION OF ADJACENT CURTAIN WALL. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.4 GENERAL CONTRACTOR TO REMOVE PORCELAIN PANELS, EXTERIOR SOFFIT, BACKUP CONSTRUCTION AND ALL ATTACHMENTS COMPLETE. EXISTING COLUMNS AND BEAMS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

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

J. STEEL DEMOLITION - REFER TO STRUCTURAL DRAWINGS

K. FLOOR DEMOLITION

K.1 REMOVE EXISTING PRECAST TERRAZZO STAIR TREADS AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.2 REMOVE A PORTION OF TERRAZZO FLOORING AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXISTING CONTROL JOINTS. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.3 REMOVE A PORTION OF PORCELAIN TILE FLOORING, BASE AND MORTAR BED COMPLETE TO CONCRETE. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.4 REMOVE A PORTION OF TERRAZZO COVE BASE AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXG CONTROL JOINT. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.5 SAND EXG TERRAZZO FLOORING TO REMOVE ALL GLAZE AND WAX. FILL ALL CRACKS AND OTHER DEPRESSIONS WITH CEMENTITIOUS LEVELING FILL. PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

K.6 REMOVE CERAMIC MOSAIC TILE, BASE, BOND COAT AND MORTAR BED COMPLETE TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF EXISTING DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.7 REMOVE CONCRETE SHOWER CURB TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.8 REMOVE VINYL FLOORING, 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.9 REMOVE QUARRY TILE FLOORING, BASE, AND MORTAR BED COMPLETE TO CONCRETE SLAB. PREPARE SLAB FOR NEW FINISH AS SCHEDULED. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.10 REMOVE ABANDONED LOCKER BASE TO CONCRETE SLAB. PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.11 REMOVE EXISTING CAST IN PLACE TERRAZZO STAIR LANDING AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.12 GC TO SAW CUT EXG CONCRETE SLAB TO PROVIDE ACCESS TO PIPING BELOW. COORDINATE LOCATIONS AND SIZES WITH PLUMBING CONTRACTOR AND DRAWINGS. UPON COMPLETION OF NEW WORK PLUMBING CONTRACTOR TO PROVIDE BACKFILL AND GC TO PATCH SLAB TO MATCH EXG AND PREPARE FOR NEW FINISH.

K.13 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE 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.14 REMOVE CEMENTITIOUS UNDERLAYMENT RAMP AT DOORWAY DOWN TO EXG STRUCTURAL SLAB TO REMAIN.

K.15 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR VCT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR VCT. REFER TO ENVIRONMENTAL DRAWINGS, GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLTION.

K.16 REMOVE AND SALVAGE TEMPORARY SPORTS FLOORING. REINSTALL IN A NEW LOCATION AS DIRECTED BY THE ARCHITECT AND THE DISTRICT'S REPRESENTATIVE.

L. MILLWORK DEMOLITION

L.1 REMOVE BASE CABINETS, COUNTERTOPS, WALL CABINETS, TALL CABINETS, BOOKSHELVES AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED TOILET ACCESSORIES INCLUDING (BUT NOT LIMITED TO): PAPER TOWEL AND SOAP DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS, SHELVES, DRYERS, AND SANITARY NAPKIN DISPENSERS AND DISPOSAL. TURN OVER TO OWNER.

M.2 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. STORE ON SITE WHERE DIRECTED BY OWNER.

M.3 REMOVE BRICK AND STEEL INCINERATOR BOX AND ATTACHMENTS COMPLETE. COORDINATE WITH ELECTRICAL AND HVAC CONTRACTORS. PATCH EXG CONSTRUCTION TO REMAIN TO MATCH EXG AT AREA OF REMOVAL.

M.4 REMOVE BASKETBALL BACKSTOP: BACKBOARD, MOTOR, SUPPORTS AND ACCESSORIES COMPLETE. SALVAGE BASKETBALL BACKBOARDS AND TURN OVER TO OWNER. COORDINATE WITH ELECTRICAL CONTRACTOR.

M.5 REMOVE WALL PADDING, WOOD BLOCKING AND TRIM COMPLETE.

M.6 REMOVE AND SALVAGE ROCK CLIMBING SYSTEM, WALL PADS AND ACCESSORIES COMPLETE. STORE IN A SAFE PLACE FOR REINSTALLATION IN NEW WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED PANELS AND/OR ACCESSORIES TO MATCH EXG.

N. COORDINATION WITH MEP TRADES DEMOLITION

N.1 ELEC CONTRACTOR TO REMOVE ELECTRICAL PANEL. COORDINATE WITH REMOVAL OF ADJACENT WALL AND CEILING.

N.2 HVAC CONTRACTOR TO REMOVE FIN TUBE AND COVER. COORDINATE WITH REMOVAL OF ADJACENT CURTAIN WALL AND EXTERIOR WALL CONSTRUCTION.

N.3 HVAC CONTRACTOR TO REMOVE UNIT VENTILATOR AND FIN TUBE COVER. GC TO COORDINATE WITH FLOORING REMOVALS.

N.4 AFTER FLOOR DRAIN REMOVAL BY PLUMBING CONTRACTOR, SCARIFY CONCRETE SLAB SURFACE AT AREA SLOPED TO FLOOR DRAIN AND FILL DEPRESSION WITH SELF-LEVELING CEMENTITIOUS UNDERLAYMENT, UP TO LEVEL WITH FINISHED SLAB SURFACE.

N.5 PLUMBING FIXTURE REMOVAL BY PLUMBING CONTRACTOR. COORDINATE WTH REMOVAL OF ADJACENT FLOOR AND/OR WALL CONSTRUCTION.

DEMOLITION LEGEND

- HATCH INDICATES AREA OF TERRAZZO REMOVAL - REFER TO KEYED DEMOLITION NOTE **K.2**
- HATCH INDICATES AREA OF TRENCHING - REFER TO KEYED DEMOLITION NOTE **K.12**
- HATCH INDICATES AREA OF CEILING TILE AND GRID TO BE REMOVED FOR MEP ACCESS - REFER TO KEYED DEMOLITION NOTE **G.7**

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARDIFF No. 37584 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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DRAWING DATE: **11/10/2025**

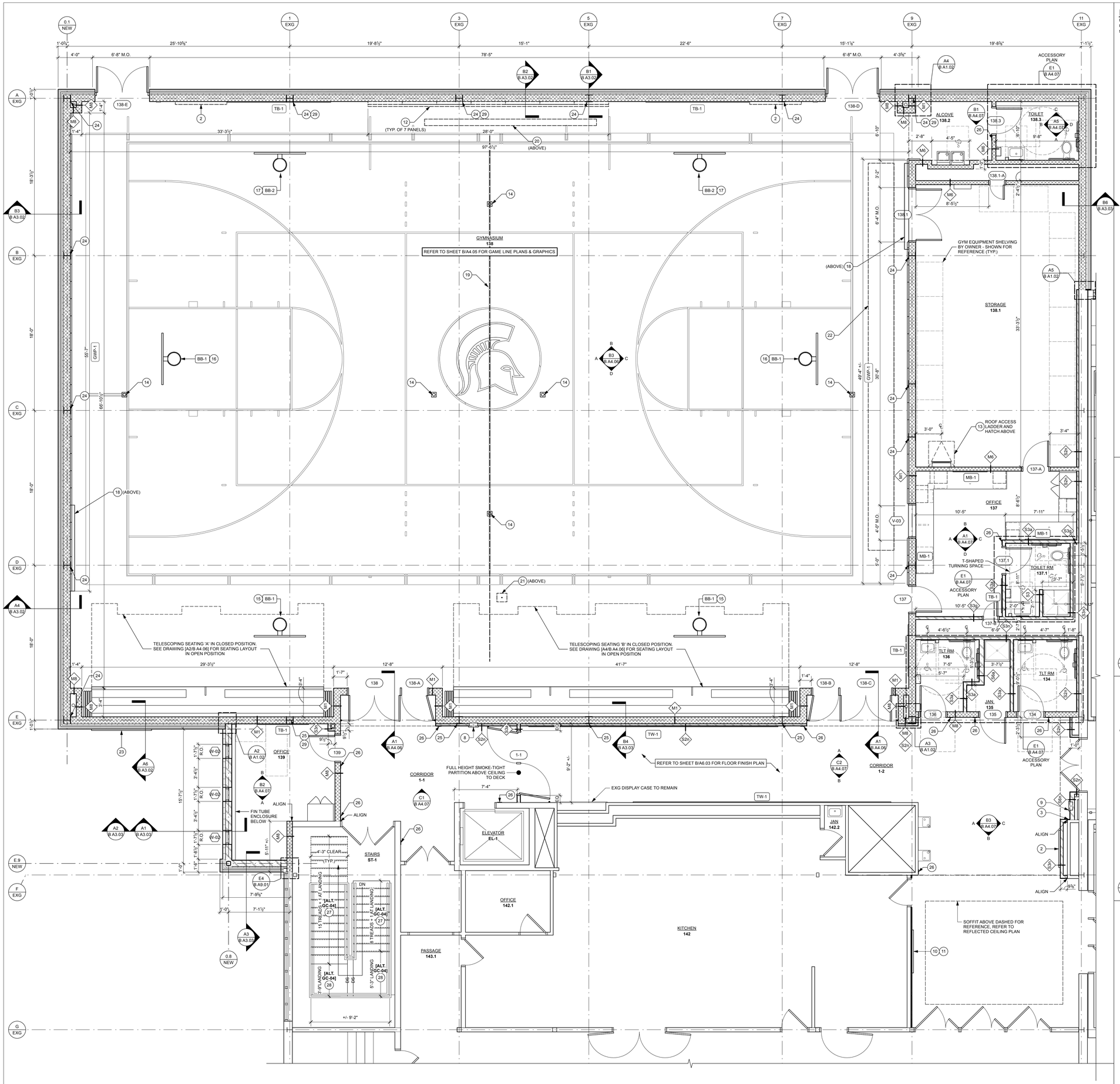
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

ENLARGED DEMOLITION PLANS

B A4.02

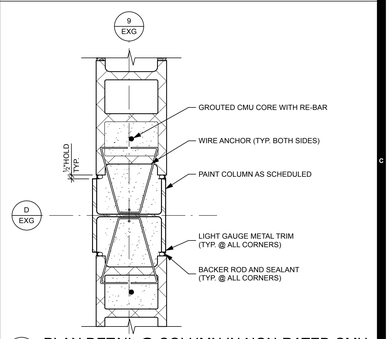


A1 B A4.03 ENLARGED CONSTRUCTION PLAN - FIRST FLOOR - AREA 'A'
Scale: 1/4" = 1'-0"

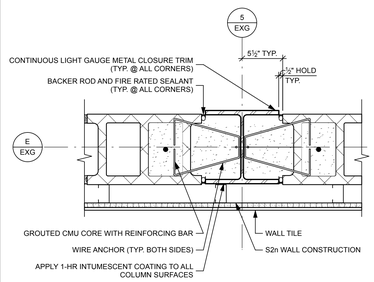
KEYED CONSTRUCTION NOTES

REFER TO SHEET B/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.
REFER TO SHEET B/A1.01 FOR GENERAL CONSTRUCTION NOTES.
NOT ALL KEYED CONSTRUCTION NOTES BELOW ARE REFERENCED ON THIS SHEET.

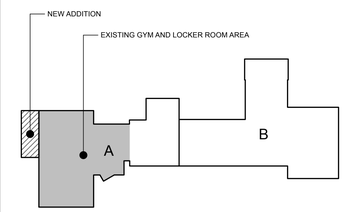
1. PROVIDE 1/2" DEEP RECESSED WALK OFF MAT AND FRAME SECTIONED INTO PANELS AS SHOWN.
2. WALL MOUNTED INTERACTIVE DISPLAY PROVIDED BY OWNER AND INSTALLED BY GC. PROVIDE BLOCKING AS REQUIRED FOR SUPPORT AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH EC.
3. LAMINATE PARTITION WITH 5/8" GPDW ALIGNED WITH FACE OF EXG ADJACENT WALL(S).
4. VERTICAL UNIT VENTILATOR BY HVAC CONTRACTOR - REFER TO HVAC DRAWINGS FOR TYPICAL DIMENSIONS AND COORDINATE ROUGH-IN WITH HVAC CONTRACTOR.
5. LOUVER PROVIDED BY HVAC CONTRACTOR AND INSTALLED BY GC.
6. EXG FRAME TO REMAIN AND RECEIVE SURFACE PREPARATION AND PAINTING. SURFACE PREPARATION SHALL INCLUDE BUT NOT BE LIMITED TO INFILL OF EXG HOLES, INSTALLATION OF BLANKS, GENERAL SANDING AND SPOT PRIMING OF SURFACES NECESSARY FOR THE APPLICATION OF SPECIFIED FINISH. PAINT PT-2 U.N.O.
7. PATCH AND PAINT WALL TO MATCH EXG AT AREA OF PARTIAL REMOVAL AND ELECTRICAL PANEL RELOCATION.
8. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL B4 / BA9.01
9. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL A4/BA.901.
10. INSTALL PLAM PANEL SYSTEM - REFER TO INTERIOR ELEVATIONS. REMOVE EXG GPDW TO REVEAL METAL FRAMING BEHIND AND INSTALL BLOCKING FOR ANCHORS. INSTALL NEW GPDW AND PAINT TO MATCH EXG.
11. INSTALL CUSTOM SIGNAGE - REFER TO INTERIOR ELEVATIONS.
12. RE-INSTALL SALVAGED ROCK CLIMBING WALL PANEL SYSTEM AND WALL PADS.
13. INSTALL WALL MOUNTED ROOF LADDER RL-2 - REFER TO DETAIL D3 / BA1.03.
14. LOCATION OF NEW VOLLEYBALL SLEEVE, COVERPLATE AND ACCESSORIES. REFER TO DETAILS ON SHEET B/A9.01 AND COORDINATE WITH GAMELINE STRIPING.
15. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
16. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
17. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
18. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
19. INSTALL CENTER ROLL DIVIDING CURTAIN. MOTORS AND ACCESSORIES. REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING ST9.02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
20. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
21. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
22. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
23. DIMENSIONAL METAL SIGNAGE WITH INTEGRATED LIGHTS - REFER TO EXTERIOR ELEVATIONS AND COORDINATE WITH ELECTRICAL CONTRACTOR.
24. REFER TO PLAN DETAIL C6 /BA4.05 FOR COLUMN TO CMU CONNECTION.
25. REFER TO PLAN DETAIL B6 BA4.05 FOR COLUMN TO CMU CONNECTION.
26. ROOM SIGNAGE LOCATION. REFER TO A1/B A6.01 FOR SIGNAGE TYPES.
27. FOLLOWING REMOVAL OF PRECAST TERRAZZO STAIR TREADS AND SETTING BED, PROVIDE NEW CORROSION RESISTANT TREAD ANCHOR TO MATCH EXISTING CONFIGURATION AND AS RECOMMENDED BY NEW TREAD MANUFACTURER. (FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SHOP DRAWING PREPARATION). INSTALL NEW PRECAST TREAD WITH INTEGRAL ABRASIVE INSERTS (3) AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**
28. FOLLOWING REMOVAL OF CAST IN PLACE TERRAZZO STAIR LANDING, CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. PROVIDE BED REINFORCING PER MANUFACTURER'S RECOMMENDATION. (FIELD VERIFY ALL EXISTING CONDITIONS). INSTALL NEW CAST IN PLACE TERRAZZO STAIR LANDING AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. PROVIDE 1/4" DIVIDER STRIPS AT LANDING AS INDICATED AND AT ALL PRECAST TO SITE CAST TERRAZZO. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**
29. PROVIDE MASONRY SOAP BLOCKS TO FILL VOID BETWEEN STEEL COLUMN FLANGES. INSTALL FLUSH WITH ADJACENT CMU (TYP. BOTH SIDES)



C6 B A4.03 PLAN DETAIL @ COLUMN IN NON-RATED CMU
Scale: 1 1/2" = 1'-0"



B6 B A4.03 PLAN DETAIL @ COLUMN IN FIRE-RATED CMU
Scale: 1 1/2" = 1'-0"



PROJECT NORTH
KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARSA No. 37554 STATE OF NEW YORK
License Expiration Date: 5/31/2029

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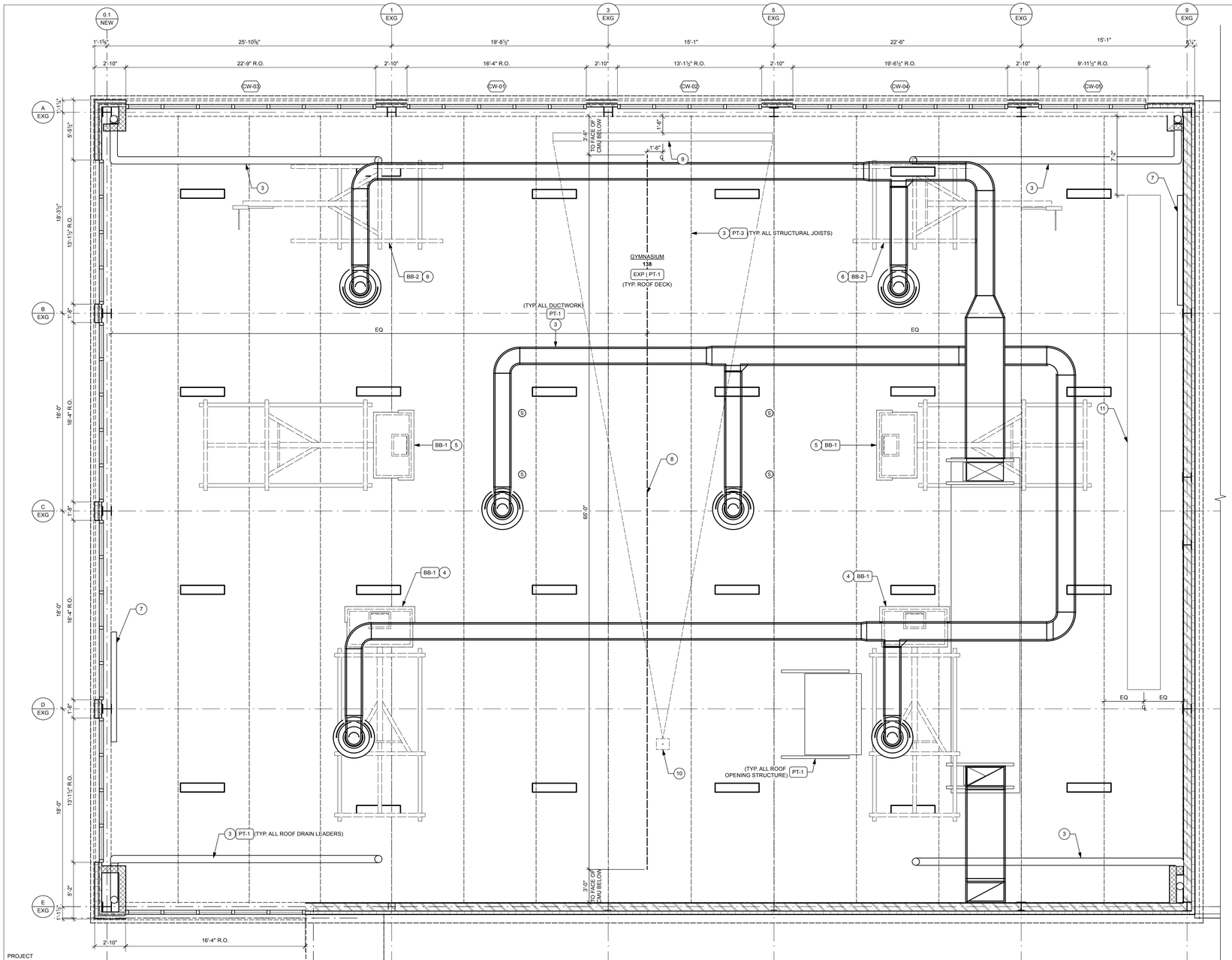
DRAWING DATE: **11/10/2025**
DRAWN BY: **EMR / RR**
SCALE: **Sheet Scale**
DRAWING TITLE:
ENLARGED CONSTRUCTION PLAN

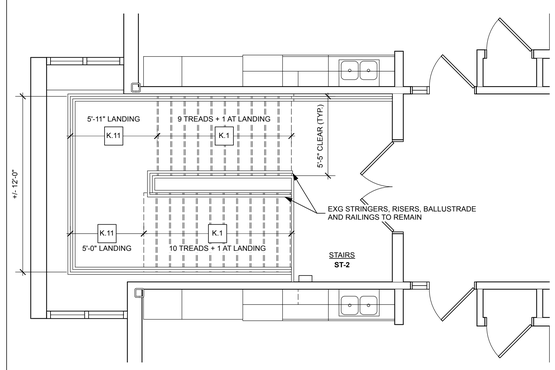
B A4.03



PROJECT NORTH

B1 / 8 A4.04 ENLARGED REFLECTED CEILING PLAN - FIRST FLOOR - AREA 'A'

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

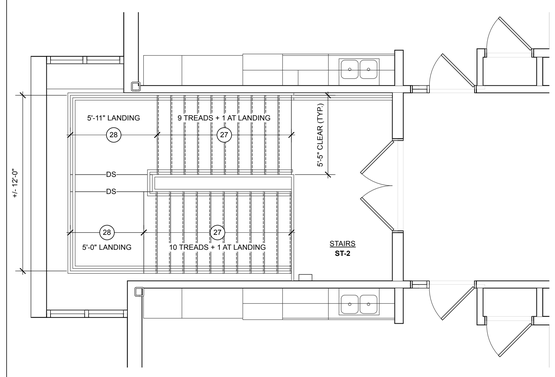


ALL WORK SHOWN IN THIS PLAN IS INCLUDED IN ALTERNATE NO. GC-05.

PROJECT NORTH

A4 / 8 A4.04 ENLARGED DEMOLITION PLAN - SECOND FLOOR STAIR ST-2

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



ALL WORK SHOWN IN THIS PLAN IS INCLUDED IN ALTERNATE NO. GC-05.

PROJECT NORTH

A2 / 8 A4.04 ENLARGED CONSTRUCTION PLAN - SECOND FLOOR STAIR ST-2

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

KEYED DEMOLITION NOTES

NOTE: NOT ALL NOTES LISTED BELOW APPLY TO THIS SHEET. REFER TO SHEET B/A0.01 FOR GENERAL DEMOLITION NOTES AND B/A0.00 FOR LEGENDS & SYMBOLS.

WINDOW AND DOOR DEMOLITION

A.1 REMOVE WOOD DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.2 REMOVE HOLLOW METAL DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.3 REMOVE FRP/ALUMINUM DOOR, FRAME, HARDWARE, AND ALL ATTACHMENTS COMPLETE.

A.4 REMOVE WOOD DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.5 REMOVE A PORTION OF EXG STOREFRONT SYSTEM. REFER TO DETAILS ON B/A9.01. SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

A.6 REMOVE FRP DOOR, STOREFRONT SYSTEM, HARDWARE AND ALL ATTACHMENTS COMPLETE.

A.7 REMOVE WINDOW, FRAME, SILL, WINDOW TREATMENTS, AND ALL ATTACHMENTS COMPLETE.

A.8 REMOVE LOUVER COMPLETE, COORDINATE WITH HVAC CONTRACTOR.

B. FOLDING / OPERABLE WALLS DEMOLITION

B.1 REMOVE FOLDING PARTITION AND TRACK COMPLETE, INCLUDING ALL WALL MOUNTED ACCESSORIES AND WIRING. PATCH REMAINING SURFACES. COORDINATE WITH ELECTRICAL DRAWINGS AND CONTRACTOR.

C. LOCKER DEMOLITION

C.1 REMOVE LOCKERS, BENCHES, CONRETE BASE, TRIM AND ALL ATTACHMENTS COMPLETE. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D. INTERIOR WALL AND FINISH DEMOLITION

D.1 REMOVE A PORTION OF MASONRY WALL FULL HEIGHT WHERE INDICATED, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN. PATCH REMAINING SURFACES TO RECEIVE NEW FINISH AS SCHEDULED.

D.2 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS AND BEAMS TO REMAIN.

D.3 REMOVE ENTIRE MASONRY WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

D.4 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMAIN.

D.5 REMOVE ENTIRE STUD WALL FULL HEIGHT, INCLUDING ALL WALL MOUNTED ITEMS, DOORS, AND WINDOWS COMPLETE. EXISTING COLUMNS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

D.6 REMOVE PORCELAIN WALL TILE AND BOND COAT COMPLETE. SCARIFY FACE OF UNDERLYING MORTAR BED AND PREPARE FOR NEW WORK.

D.7 REMOVE VINYL BASE COMPLETE. PATCH WALL TO RECEIVE NEW FINISH AS SCHEDULED.

E. TOILET PARTITIONS DEMOLITION

E.1 REMOVE TOILET PARTITIONS AND SCREENS COMPLETE.

G. CEILING DEMOLITION

G.1 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.2 REMOVE PLASTER CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.3 REMOVE SPLINE CEILING AND SUSPENSION SYSTEM COMPLETE. PREPARE FOR INSTALLATION OF NEW CEILING TREATMENT AS SCHEDULED.

G.4 REMOVE SOFFIT AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.5 REMOVE BULKHEAD AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

G.6 REMOVE LAY-IN CEILING AND SUSPENSION SYSTEM COMPLETE. REMOVE PLASTER CEILING AND SUSPENSION SYSTEM ABOVE LAY-IN CEILING.

G.7 REFER TO HATCH AND REMOVE A PORTION OF LAY-IN CEILIGN AND SUSPENSION SYSTEM AS REQUIRED FOR NEW WORK BY OTHERS. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS COORDINATE WITH HVAC CONTRACTOR. SALVAGE AND STORE SUSPENSION SYSTEM AND TILE IN A SAFE PLACE FOR REINSTALLATION AT COMPLETION OF WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED TILE OR GRID TO MATCH EXG.

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

H. EXTERIOR DEMOLITION

H.1 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO EXISTING FASCIA. EXISTING COLUMNS AND BEAMS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.2 REMOVE EXTERIOR MASONRY WALL CONSTRUCTION IN ITS ENTIRETY FROM TOP OF SLAB TO BOTTOM OF STRUCTURE. EXISTING COLUMNS AND BEAMS TO REMAIN. TEMPORARILY SHORE EXISTING FASCIA CONSTRUCTION AS NEEDED UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.3 REMOVE A PORTION OF EXTERIOR SOFFIT CONSTRUCTION AS INDICATED ON DRAWINGS. COORDINATE WITH PARTIAL REMOVAL & MODIFICATION OF ADJACENT CURTAIN WALL. TEMPORARILY SHORE ADJACENT EXG CONSTRUCTION TO REMAIN UNTIL NEW WALL CONSTRUCTION IS IN PLACE.

H.4 GENERAL CONTRACTOR TO REMOVE PORCELAIN PANELS, EXTERIOR SOFFIT, BACKUP CONSTRUCTION AND ALL ATTACHMENTS COMPLETE. EXISTING COLUMNS AND BEAMS TO BE REMOVED, REFER TO STRUCTURAL DRAWINGS.

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

J. STEEL DEMOLITION - REFER TO STRUCTURAL DRAWINGS

K. FLOOR DEMOLITION

K.1 REMOVE EXISTING PRECAST TERRAZZO STAIR TREADS AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.2 REMOVE A PORTION OF TERRAZZO FLOORING AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXISTING CONTROL JOINTS. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.3 REMOVE A PORTION OF PORCELAIN TILE FLOORING, BASE AND MORTAR BED COMPLETE TO CONCRETE. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.4 REMOVE A PORTION OF TERRAZZO COVE BASE AND SAND BED COMPLETE TO CONCRETE SLAB. HATCH INDICATES APPROXIMATE SIZE AND LOCATION OF REMOVALS. SAW CUT ALONG EXG CONTROL JOINT. COORDINATE WITH CONSTRUCTION DRAWINGS. PROTECT AND PREPARE SLAB FOR NEW FINISH AS SCHEDULED AND IN MANNER REQUIRED BY NEW FINISH MANUFACTURER.

K.5 SAND EXG TERRAZZO FLOORING TO REMOVE ALL GLAZE AND WAX. FILL ALL CRACKS AND OTHER DEPRESSIONS WITH CEMENTITIOUS LEVELING FILL. PREPARE TO RECEIVE NEW FINISH AS SCHEDULED.

K.6 REMOVE CERAMIC MOSAIC TILE, BASE, BOND COAT AND MORTAR BED COMPLETE TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF EXISTING DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.7 REMOVE CONCRETE SHOWER CURB TO CONCRETE SLAB. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.8 REMOVE VINYL FLOORING, 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.9 REMOVE QUARRY TILE FLOORING, BASE, AND MORTAR BED COMPLETE TO CONCRETE SLAB. PREPARE SLAB FOR NEW FINISH AS SCHEDULED. PROTECT AND PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE SUBSTRATES FOR NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER. COORDINATE REMOVAL OF DRAINS AND/OR CLEANOUTS WITH PLUMBING CONTRACTOR.

K.10 REMOVE ABANDONED LOCKER BASE TO CONCRETE SLAB. PREPARE SLAB WITH CEMENT UNDERLAYMENT FILL AS SPECIFIED. PREPARE TO RECIEVE NEW FINISH AS REQUIRED BY NEW FINISH MANUFACTURER.

K.11 REMOVE EXISTING CAST IN PLACE TERRAZZO STAIR LANDING AND SETTING BED DOWN TO STEEL PAN. CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. **[ALTERNATE]**

K.12 GC TO SAW CUT EXG CONCRETE SLAB TO PROVIDE ACCESS TO PIPING BELOW. COORDINATE LOCATIONS AND SIZES WITH PLUMBING CONTRACTOR AND DRAWINGS. UPON COMPLETION OF NEW WORK PLUMBING CONTRACTOR TO PROVIDE BACKFILL AND GC TO PATCH SLAB TO MATCH EXG AND PREPARE FOR NEW FINISH

K.13 REMOVE CARPET, BASE, AND PAD COMPLETE INCLUDING ANY TRANSITION STRIPS OR OTHER EDGING MATERIALS. REMOVE REMAINING ADHESIVE 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.14 REMOVE CEMENTITIOUS UNDERLAYMENT RAMP AT DOORWAY DOWN TO EXG STRUCTURAL SLAB TO REMAIN.

K.15 ASBESTOS ABATEMENT SUBCONTRACTOR TO REMOVE VINYL ASBESTOS FLOORING, MASTIC, AND BASE COMPLETE. IN LOCATIONS WHERE CARPET AND/OR VCT OVERLAYS VINYL ASBESTOS FLOORING, ASBESTOS ABATEMENT SUBCONTRACTOR SHALL ALSO REMOVE CARPET AND/OR VCT. REFER TO ENVIRONMENTAL DRAWINGS, GENERAL CONTRACTOR TO COORDINATE WITH ADJACENT FLOORING DEMOLITION.

K.16 REMOVE AND SALVAGE TEMPORARY SPORTS FLOORING. REINSTALL IN A NEW LOCATION AS DIRECTED BY THE ARCHITECT AND THE DISTRICT'S REPRESENTATIVE.

L. MILLWORK DEMOLITION

L.1 REMOVE BASE CABINETS, COUNTERTOPS, WALL CABINETS, TALL CABINETS, BOOKSHELVES AND ALL ASSOCIATED CONSTRUCTION COMPLETE.

M. MISCELLANEOUS DEMOLITION

M.1 REMOVE ALL WALL MOUNTED TOILET ACCESSORIES INCLUDING (BUT NOT LIMITED TO) PAPER TOWEL AND SOAP DISPENSERS, TOILET PAPER DISPENSERS, MIRRORS, SHELVES, DRYERS, AND SANITARY NAPKIN DISPENSERS AND DISPOSAL. TURN OVER TO OWNER.

M.2 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. STORE ON SITE WHERE DIRECTED BY OWNER.

M.3 REMOVE BRICK AND STEEL INCINERATOR BOX AND ATTACHMENTS COMPLETE. COORDINATE WITH ELECTRICAL AND HVAC CONTRACTORS. PATCH EXG CONSTRUCTION TO REMAIN TO MATCH EXG AT AREA OF REMOVAL.

M.4 REMOVE BASKETBALL BACKSTOP, BACKBOARD, MOTOR, SUPPORTS AND ACCESSORIES COMPLETE. SALVAGE BASKETBALL BACKBOARDS AND TURN OVER TO OWNER. COORDINATE WITH ELECTRICAL CONTRACTOR.

M.5 REMOVE WALL PADDING, WOOD BLOCKING AND TRIM COMPLETE.

M.6 REMOVE AND SALVAGE ROCK CLIMBING SYSTEM, WALL PADS AND ACCESSORIES COMPLETE. STORE IN A SAFE PLACE FOR REINSTALLATION IN NEW WORK. GC RESPONSIBLE FOR REPLACING ANY DAMAGED PANELS AND/OR ACCESSORIES TO MATCH EXG.

N. COORDINATION WITH MEP TRADES DEMOLITION

N.1 ELEC CONTRACTOR TO REMOVE ELECTRICAL PANEL. COORDINATE WITH REMOVAL OF ADJACENT WALL AND CEILING.

N.2 HVAC CONTRACTOR TO REMOVE FIN TUBE AND COVER. COORDINATE WITH REMOVAL OF ADJACENT CURTAIN WALL AND EXTERIOR WALL CONSTRUCTION.

N.3 HVAC CONTRACTOR TO REMOVE UNIT VENTILATOR AND FIN TUBE COVER. GC TO COORDINATE WITH FLOORING REMOVALS.

N.4 AFTER FLOOR DRAIN REMOVAL BY PLUMBING CONTRACTOR, SCARIFY CONCRETE SLAB SURFACE AT AREA SLOPED TO FLOOR DRAIN AND FILL DEPRESSION WITH SELF-LEVELING CEMENTITIOUS UNDERLAYMENT, UP TO LEVEL WITH FINISHED SLAB SURFACE.

N.5 PLUMBING FIXTURE REMOVAL BY PLUMBING CONTRACTOR. COORDINATE WITH REMOVAL OF ADJACENT FLOOR AND/OR WALL CONSTRUCTION.

KEYED CONSTRUCTION NOTES

REFER TO SHEET B/A0.00 FOR LEGENDS AND SYMBOLS THAT APPLY TO ALL SHEETS.
REFER TO SHEET B/A1.01 FOR GENERAL CONSTRUCTION NOTES.
NOT ALL KEYED CONSTRUCTION NOTES BELOW ARE REFERENCED ON THIS SHEET.

1. PROVIDE 1/2" DEEP RECESSED WALK OFF MAT AND FRAME SECTIONED INTO PANELS AS SHOWN.
2. WALL MOUNTED INTERACTIVE DISPLAY PROVIDED BY OWNER AND INSTALLED BY GC. PROVIDE BLOCKING AS REQUIRED FOR SUPPORT AND COORDINATE ELECTRICAL AND DATA CONNECTIONS WITH EC.
3. LAMINATE PARTITION WITH 5/8" GPDW ALIGNED WITH FACE OF EXG ADJACENT WALL(S).
4. VERTICAL UNIT VENTILATOR BY HVAC CONTRACTOR - REFER TO HVAC DRAWINGS FOR TYPICAL DIMENSIONS AND COORDINATE ROUGH-IN WITH HVAC CONTRACTOR.
5. LOUVER PROVIDED BY HVAC CONTRACTOR AND INSTALLED BY GC.
6. EXG FRAME TO REMAIN AND RECEIVE SURFACE PREPARATION AND PAINTING. SURFACE PREPARATION SHALL INCLUDE BUT NOT BE LIMITED TO INFILL OF EXG HOLES, INSTALLATION OF BLANKS, GENERAL SANDING AND SPOT PRIMING OF SURFACES NECESSARY FOR THE APPLICATION OF SPECIFIED FINISH. PAINT PT-2 U.N.O.
7. PATCH AND PAINT WALL TO MATCH EXG AT AREA OF PARTIAL REMOVAL AND ELECTRICAL PANEL RELOCATION.
8. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL B4 / BA9.01
9. INSTALL RECESSED FIRE EXTINGUISHER CABINET AND SIGNAGE - REFER TO DETAIL A4/BA.901.
10. INSTALL PLAM PANEL SYSTEM - REFER TO INTERIOR ELEVATIONS. REMOVE EXG GPDW TO REVEAL METAL FRAMING BEHIND AND INSTALL BLOCKING FOR ANCHORS. INSTALL NEW GPDW AND PAINT TO MATCH EXG.
11. INSTALL CUSTOM SIGNAGE - REFER TO INTERIOR ELEVATIONS.
12. RE-INSTALL SALVAGED ROCK CLIMBING WALL PANEL SYSTEM AND WALL PADS.
13. INSTALL WALL MOUNTED ROOF LADDER RL-2 - REFER TO DETAIL D3 / BA1.03.
14. LOCATION OF NEW VOLLEYBALL SLEEVE, COVERPLATE AND ACCESSORIES. REFER TO DETAILS ON SHEET B/A9.01 AND COORDINATE WITH GAMELINE STRIPING.
15. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
16. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
17. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
18. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
19. INSTALL CENTER ROLL DIVIDING CURTAIN, MOTORS AND ACCESSORIES. REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING ST9.02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
20. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
21. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
22. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
23. DIMENSIONAL METAL SIGNAGE WITH INTEGRATED LIGHTS - REFER TO EXTERIOR ELEVATIONS AND COORDINATE WITH ELECTRICAL CONTRACTOR.
24. REFER TO PLAN DETAIL C6 /BA4.05 FOR COLUMN TO CMU CONNECTION.
25. REFER TO PLAN DETAIL B6 BA4.05 FOR COLUMN TO CMU CONNECTION.
26. ROOM SIGNAGE LOCATION. REFER TO A1/B A6.01 FOR SIGNAGE TYPES.
27. FOLLOWING REMOVAL OF PRECAST TERRAZZO STAIR TREADS AND SETTING BED, PROVIDE NEW CORROSION RESISTANT TREAD ANCHOR TO MATCH EXISTING CONFIGURATION AND AS RECOMMENDED BY NEW TREAD MANUFACTURER. (FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SHOP DRAWING PREPARATION). INSTALL NEW PRECAST TREAD WITH INTEGRAL ABRASIVE INSERTS (3) AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**
28. FOLLOWING REMOVAL OF CAST IN PLACE TERRAZZO STAIR LANDING, CLEAN RESULTING SURFACES AND PREPARE FOR NEW GROUT / SETTING BED. PROVIDE BED REINFORCING PER MANUFACTURER'S RECOMMENDATION. (FIELD VERIFY ALL EXISTING CONDITIONS). INSTALL NEW CAST IN PLACE TERRAZZO STAIR LANDING AND GROUT / SEAL ALL OPEN JOINTS AND EDGES. PROVIDE 1/4" DIVIDER STRIPS AT LANDING AS INDICATED AND AT ALL PRECAST TO SITE CAST TERRAZZO. REFER TO DETAIL B6/BA6.03 AND FLOOR FINISH PLANS. **[WORK INCLUDED IN ALTERNATE NO. GC-01 OR GC-02]**

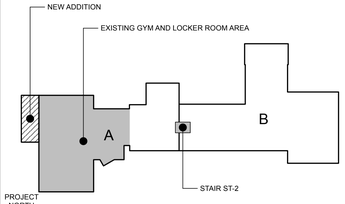
KEYED REFLECTED CEILING PLAN NOTES

REFER TO SHEET B/A2.01 FOR GENERAL REFLECTED CEILING NOTES. NOT ALL KEYED RCP NOTES WILL BE USED ON THIS SHEET.

1. ALIGN FACE OF SOFFIT WITH FACE OF WALL, BOTH SIDES WHERE APPLICABLE. SEE DETAILS A1/B A2.01.
2. ALIGN FACE OF BULKHEAD WITH FACE OF WALL, BOTH SIDES WHERE APPLICABLE. SEE DETAILS A2/B A2.01.
3. PAINT DUCTWORK, STRUCTURE, AND/OR ROOF DRAIN LEADERS. REFER TO PLAN FOR FINISH.
4. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
5. INSTALL FRONT FOLD BACKSTOP, MOTOR, BACKBOARD, SHOT CLOCK AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
6. INSTALL SIDE FOLD BACKSTOP, MOTOR, BACKBOARD, HEIGHT ADJUSTER AND ACCESSORIES - COORDINATE LOCATION WITH GAMELINES AND CONNECTION WITH ELECTRICAL CONTRACTOR.
7. INSTALL SCOREBOARD, ACCESSORIES AND MOUNTING SUPPORT AS REQUIRED BY THE MANUFACTURER. REFER TO INTERIOR ELEVATIONS FOR LOCATION AND COORDINATE CONNECTION WITH ELECTRICAL CONTRACTOR.
8. INSTALL CENTER ROLL DIVIDING CURTAIN, MOTORS AND ACCESSORIES. REFER TO RCP FOR LOCATION AND SIZE. SEE STRUCTURAL DRAWING ST9.02 FOR MOUNTING DETAILS TO STRUCTURE ABOVE.
9. INSTALL OWNER PROVIDED PROJECTION SCREEN AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP AND INTERIOR ELEVATIONS FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
10. INSTALL OWNER PROVIDED PROJECTOR AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE. REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWING FOR MOUNTING DETAILS.
11. INSTALL WRESTLING MAT LIFT AND ACCESSORIES MOUNTED TO STRUCTURE ABOVE, REFER TO RCP FOR LOCATION AND SEE STRUCTURAL DRAWINGS FOR MOUNTING DETAILS.
12. PROVIDE OPENING FOR GRILLE IN FACE OF SOFFIT, COORDINATE SIZE AND LOCATION WITH HVAC CONTRACTOR AND DRAWINGS.

REFLECTED CEILING PLAN SYMBOLS

ACOUSTIC CEILING SYSTEM, 2X4 OR 2X2 AS SHOWN ON DWG	HVAC SUPPLY DIFFUSER
DRYWALL/PLASTER	HVAC RETURN GRILLE
2X2 LIGHT FIXTURE	HVAC LINEAR DIFFUSER
2X4 LIGHT FIXTURE	RADIANT CEILING PANEL
LINEAR LED FIXTURE	CABINET UNIT HEATER
DOWNLIGHT	SPRINKLER HEAD
2X2 EMERGENCY	SPEAKER
2X4 EMERGENCY	OCCUPANCY SENSOR
LINEAR EMERGENCY	FIRE DETECTOR
DOWNLIGHT EMERGENCY	ACCESS PANEL
EXIT LIGHT WALL MT	CORD REEL
EXIT LIGHT CEILING MT	CURTAIN TRACK



PROJECT NORTH

KEY PLAN - NEW

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRI B. TARQUINI No. 037554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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DRAWING DATE: **11/10/2025**

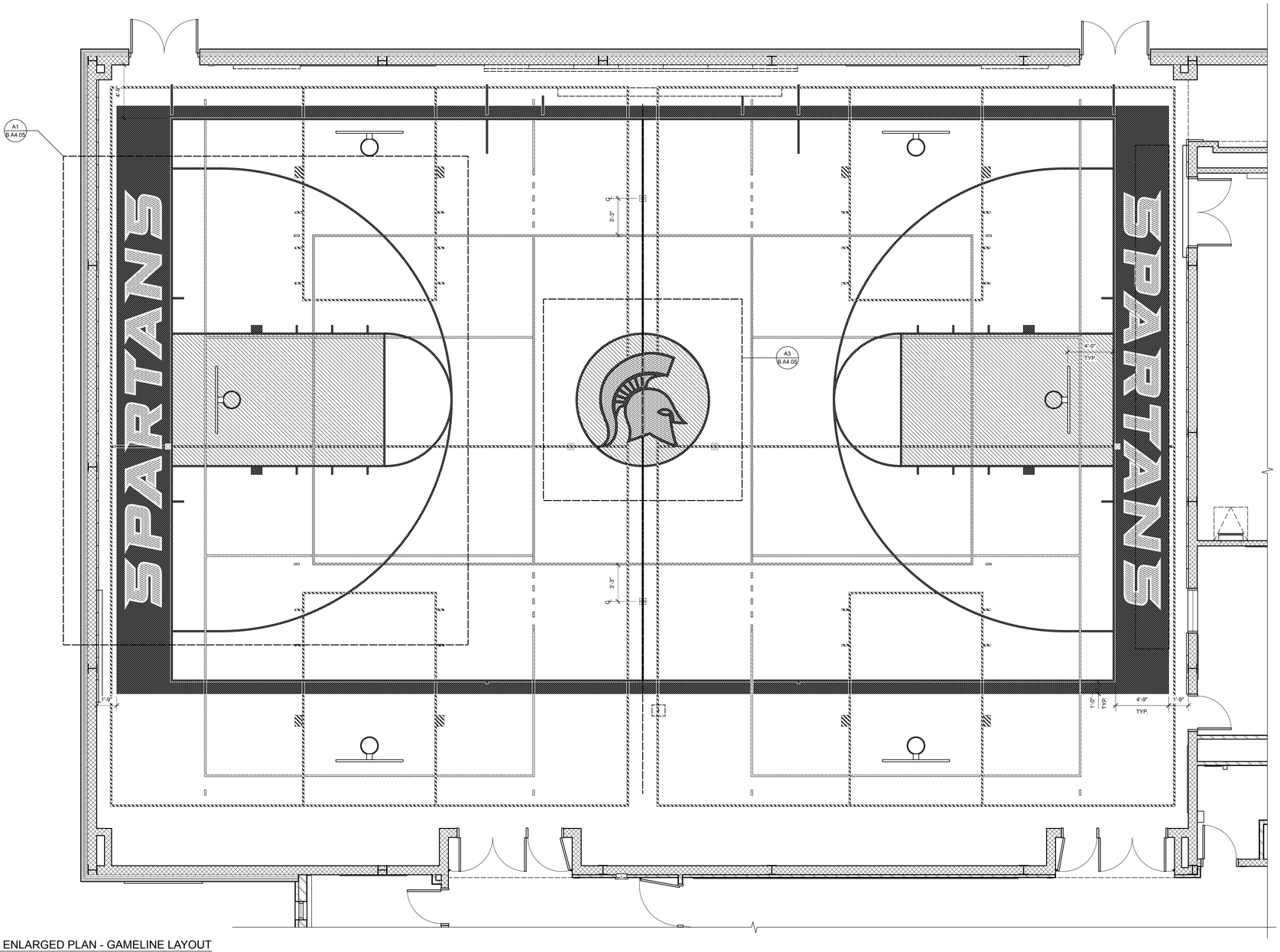
DRAWN BY: **KMR / RR**

SCALE: **Sheet Scale**

DRAWING TITLE:

ENLARGED STAIR ST-2 PLANS & GYMNASIUM REFLECTED CEILING PLAN

B A4.04



PROJECT NORTH

B1 / B A4.05 ENLARGED PLAN - GAMELINE LAYOUT
Scale: 1/4" = 1'-0"

GAME LINE LEGEND

NOTE: COLORS TO BE SELECTED BY ARCHITECT FROM MANUFACTURERS FULL RANGE.

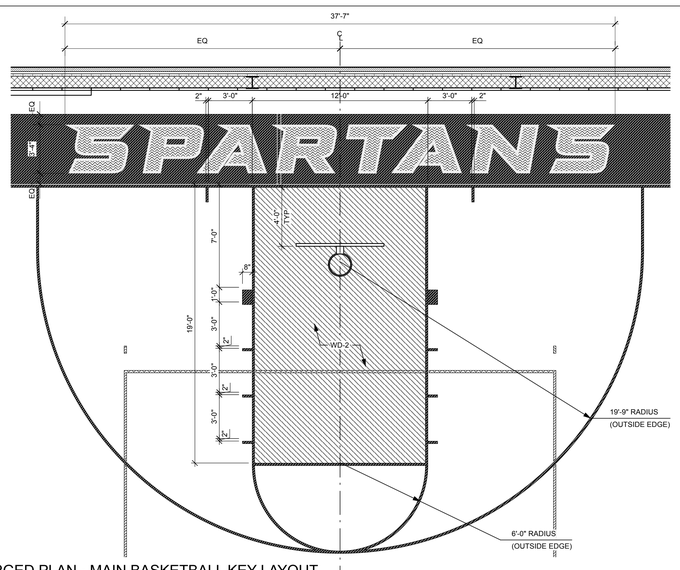
- COLOR PAINT - **MATCH PT-2**
  - MAIN BASKETBALL COURT LINES (2")
  - MAIN BASKETBALL COURT BORDER (12")
- COLOR PAINT - **MATCH PT-3**
  - MAIN VOLLEYBALL LINES (2")
- COLOR PAINT - **MATCH PT-4**
  - SIDE BASKETBALL COURT LINES (2")
- COLOR PAINT - **LIGHT GREY**
  - SIDE VOLLEYBALL COURT LINES (2")
- CLEAR BOARD **[WD-1]**
  - ALL LINES THAT PASS THROUGH THE CENTER CIRCLE, TEXT OR LOGO
- WOOD STAIN **[WD-2]**
  - INSIDE BASKETBALL LANE AREA (SEE PLAN)
  - INSIDE CENTER CIRCLE BEHIND MASCOT LOGO
- COLOR PAINT - BLUE (.MATCH PT-2) & YELLOW (MATCH PT-3)
  - CENTER MASCOT LOGO
- COLOR PAINT - WHITE & YELLOW (MATCH PT-3)
  - BASELINE TEXT

COURT OUTSIDE DIMENSIONS:
(IN ORDER OF DOMINANCE)

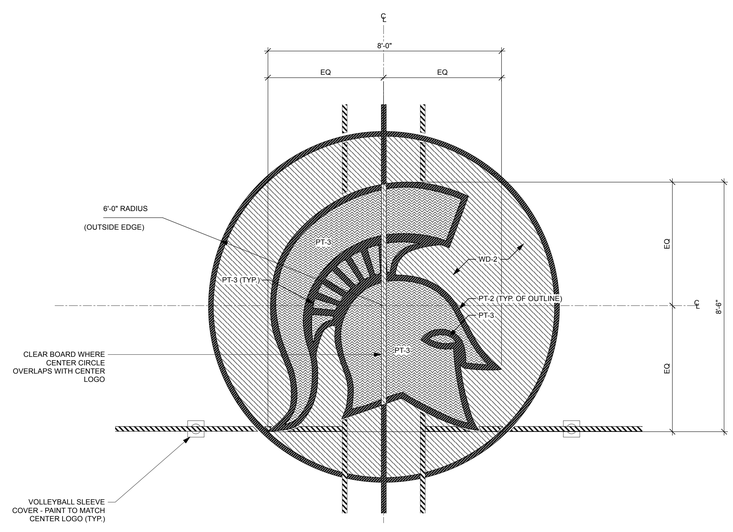
1. MAIN BASKETBALL: 84'-4" x 50'-4" (OUT TO OUT)
2. MAIN VOLLEYBALL: 60'-0" x 29'-6" (OUT TO OUT)
3. SIDE VOLLEYBALL (2): 60'-0" x 29'-6" (OUT TO OUT)
4. SIDE BASKETBALL (2): 64'-4" X 46-4" (OUT TO OUT)

TEXT AND LOGO COLOR INFORMATION:
(REFER TO PLAN FOR DIMENSIONS AND LOCATION)

CENTER LOGO TO BE (3) COLORS MINIMUM



A1 / B A4.05 ENLARGED PLAN - MAIN BASKETBALL KEY LAYOUT
Scale: 1/4" = 1'-0"



A3 / B A4.05 CENTER LOGO LAYOUT
Scale: 1/2" = 1'-0"

NOTE:

PLAN ROTATED 90 DEGREES COUNTER-CLOCKWISE FOR CLARITY

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

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REGISTERED ARCHITECT
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STATE OF NEW YORK

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DRAWING DATE: **11/10/2025**

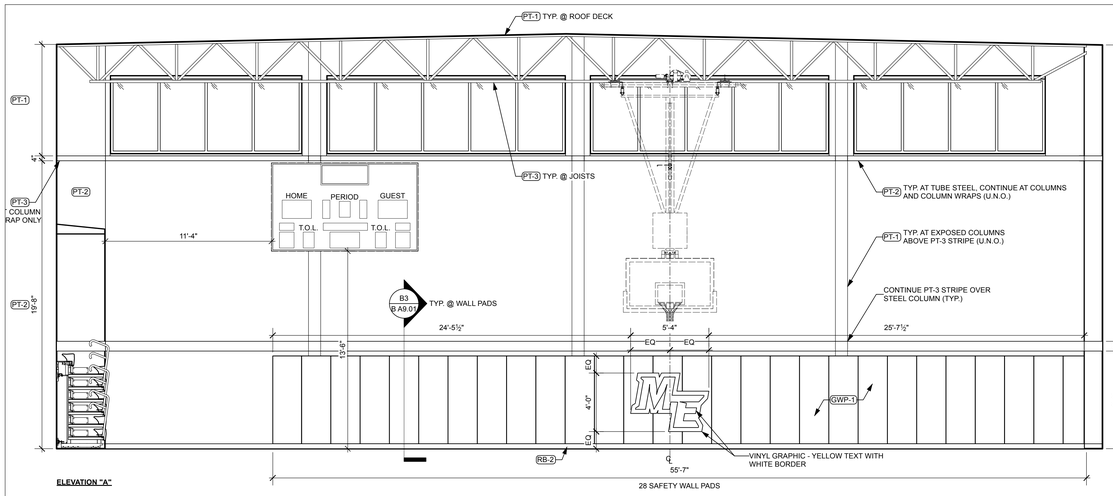
DRAWN BY: **EMR**

SCALE: **Sheet Scale**

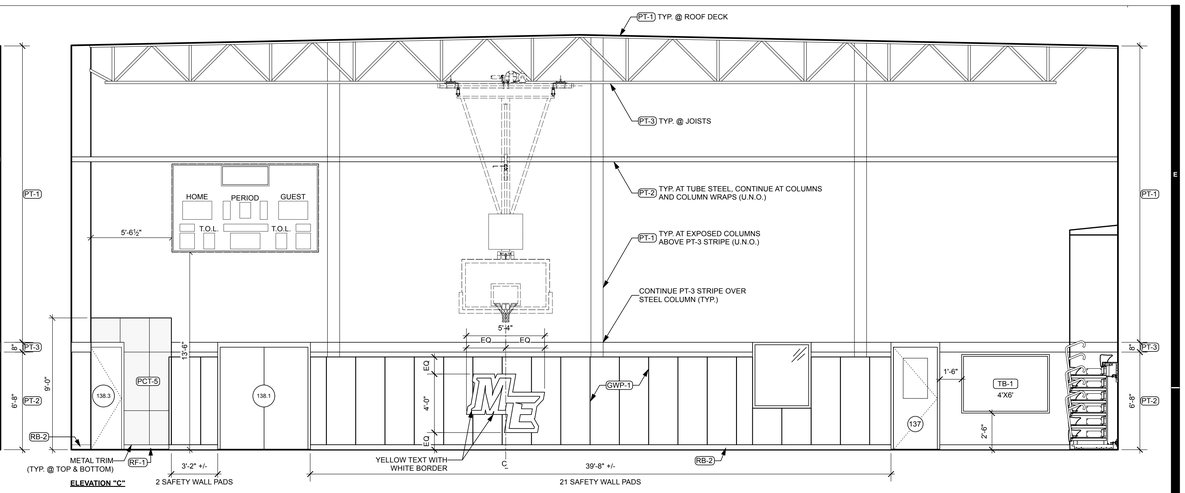
DRAWING TITLE:

ENLARGED GAMELINE PLANS

B A4.05



ELEVATION "A"



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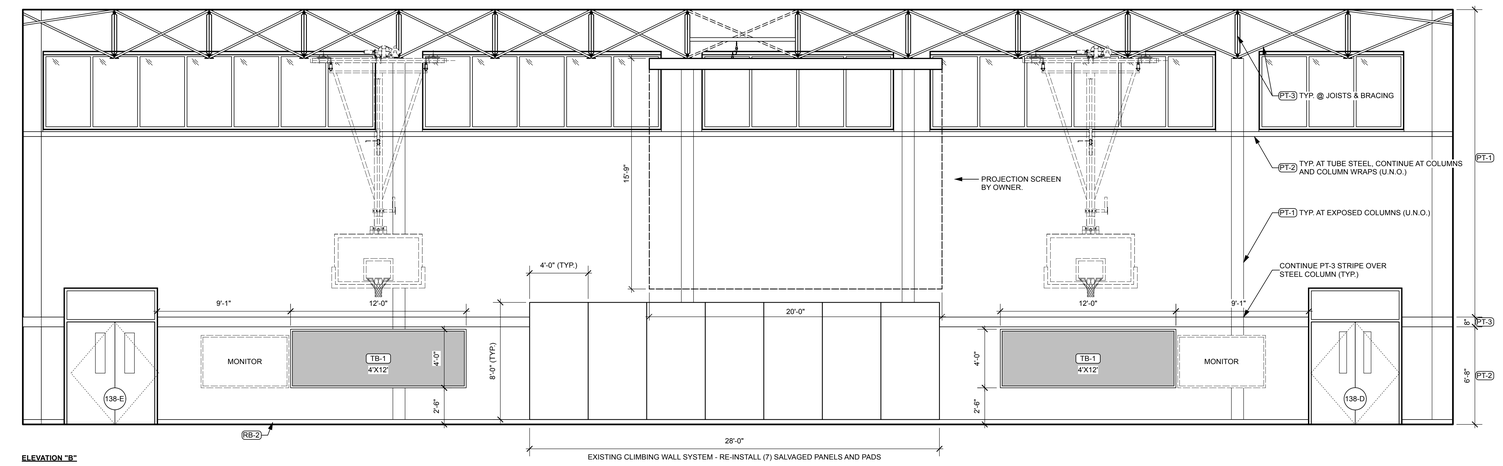

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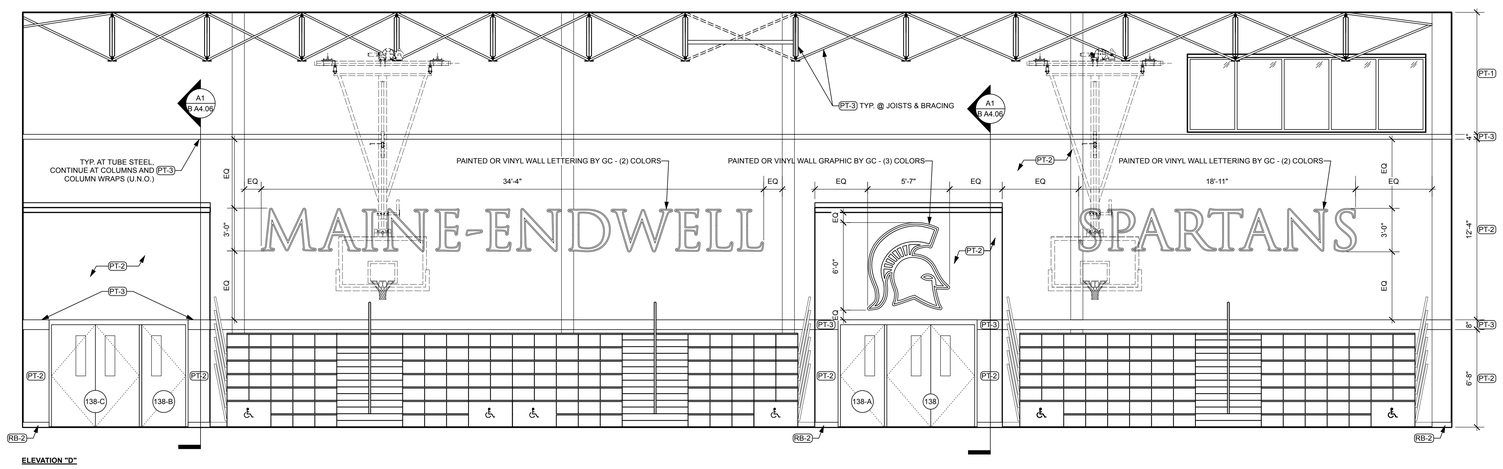
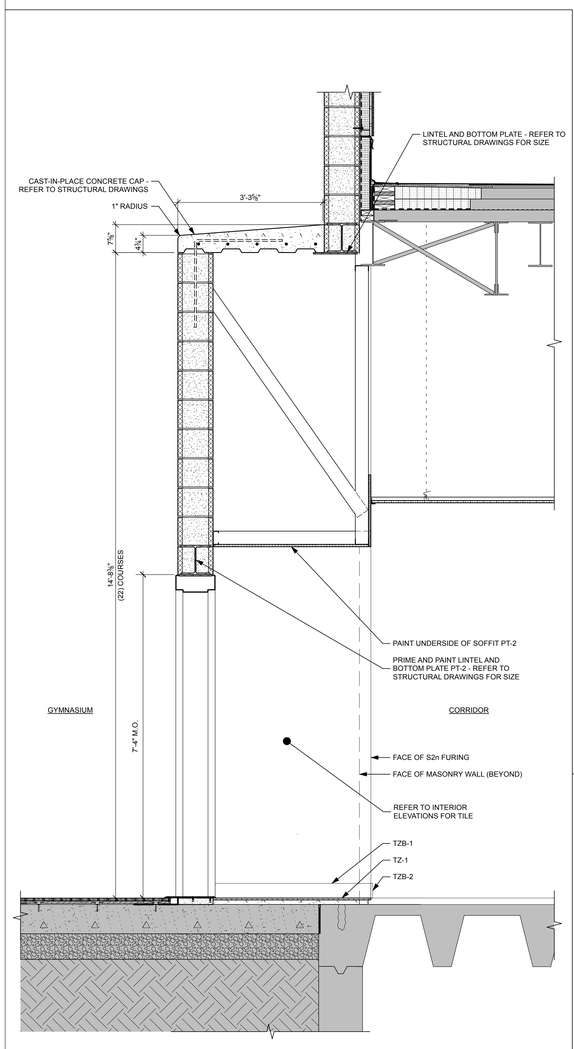
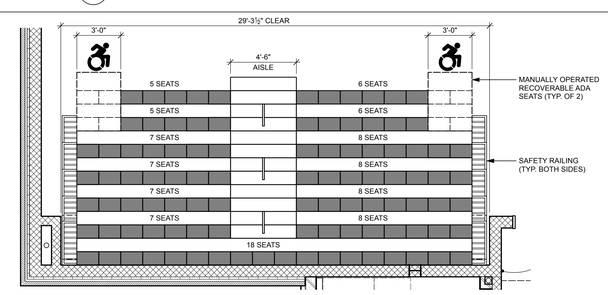


ELEVATION "D"

B3 / B A4.06 INTERIOR ELEVATIONS - GYMNASIUM 138
Scale: 1/4" = 1'-0"



A1 / B A4.06 WALL SECTION @ GYM DOOR ALCOVE
Scale: 3/4" = 1'-0"



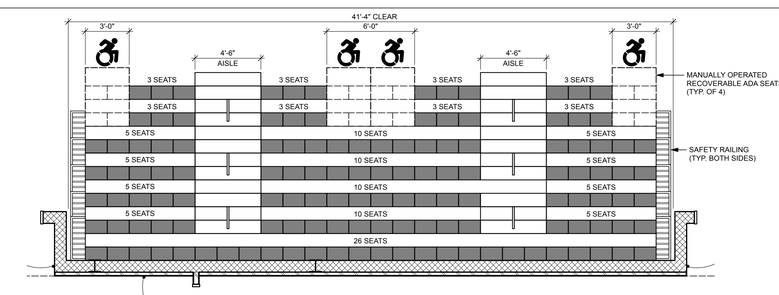
NEW BLEACHER LAYOUT 'A'
100 SEATS, 2 ADA SEATS

NOTE:

TELESCOPING BLEACHER CONTRACTOR TO GC TO PROVIDE ONE BANK OF ELECTRONICALLY OPERATED TELESCOPING BLEACHERS.

THE WOOD FLOORING CONTRACTOR PROVIDE NEW VENTED RUBBER BASE BEHIND BLEACHERS.

A2 / B A4.06 ENLARGED TELESCOPIC SEATING 'A' LAYOUT
Scale: 1/4" = 1'-0"



NEW BLEACHER LAYOUT 'B'
130 SEATS, 4 ADA SEATS

NOTE:

TELESCOPING BLEACHER CONTRACTOR TO GC TO PROVIDE ONE BANK OF ELECTRONICALLY OPERATED TELESCOPING BLEACHERS.

THE WOOD FLOORING CONTRACTOR PROVIDE NEW VENTED RUBBER BASE BEHIND BLEACHERS.

A4 / B A4.06 ENLARGED TELESCOPIC SEATING 'B' LAYOUT
Scale: 1/4" = 1'-0"

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARONI No. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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MARK	DATE	DESCRIPTION
A		
	10/12/2026	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **11/10/2025**

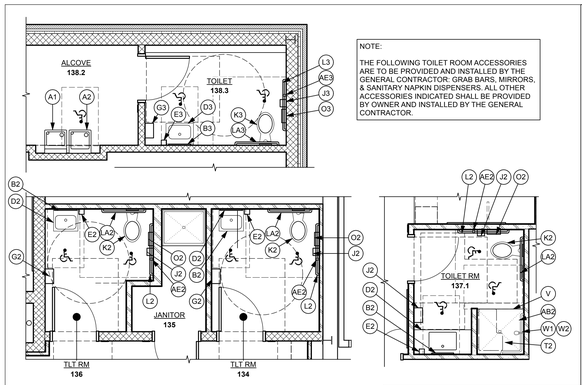
DRAWN BY: **EMR / RR**

SCALE: **Sheet Scale**

DRAWING TITLE:

INTERIOR ELEVATIONS - GYMNASIUM

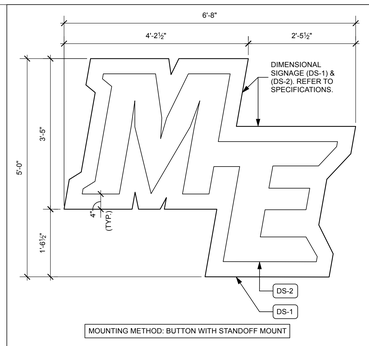
B A4.06



NOTE:

THE FOLLOWING TOILET ROOM ACCESSORIES ARE TO BE PROVIDED AND INSTALLED BY THE GENERAL CONTRACTOR: GRAB BARS, MIRRORS, & SANITARY NAPKIN DISPENSERS. ALL OTHER ACCESSORIES INDICATED SHALL BE PROVIDED BY OWNER AND INSTALLED BY THE GENERAL CONTRACTOR.

E1 / B A4.07 PARTIAL ENLARGED PLANS - TOILET ROOM ACCESSORIES
Scale: 1/4" = 1'-0"



E2 / B A4.07 LOGO SIGNAGE
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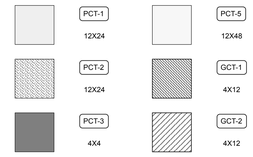

E3 / B A4.07 FINISH LEGEND - TILE
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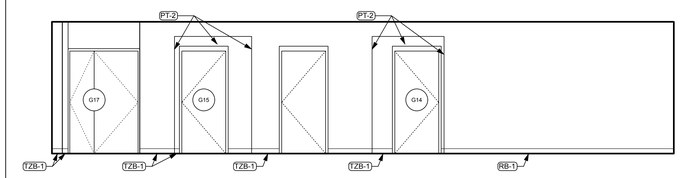
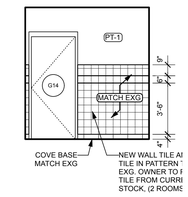
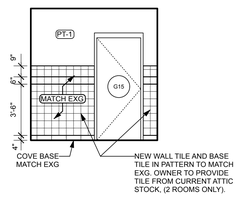


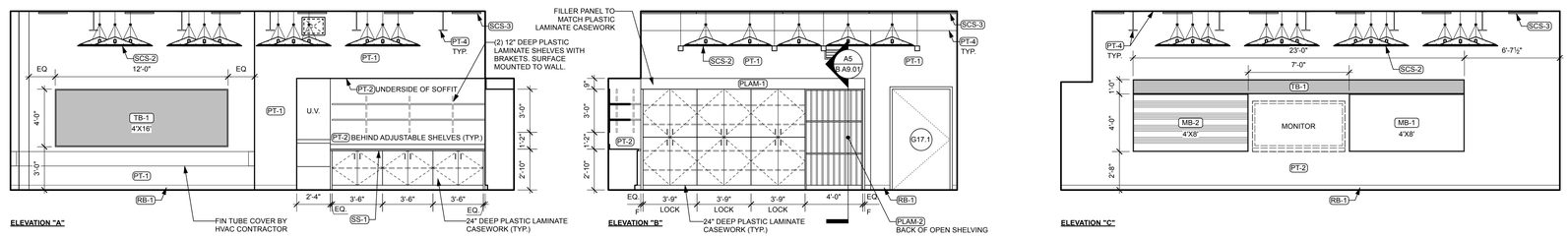
E4 / B A4.07 INTERIOR ELEVATION - CORRIDOR G-1
Scale: 1/4" = 1'-0"



E6 / B A4.07 INTERIOR ELEVATION - GIRLS TOILET G14
Scale: 1/4" = 1'-0"



D1 / B A4.07 INTERIOR ELEVATION - BOYS TOILET G15
Scale: 1/4" = 1'-0"



D2 / B A4.07 INTERIOR ELEVATION - MUSIC G17
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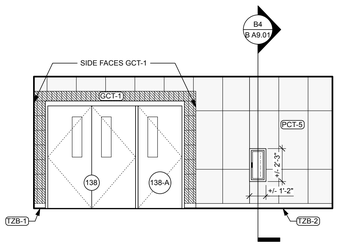
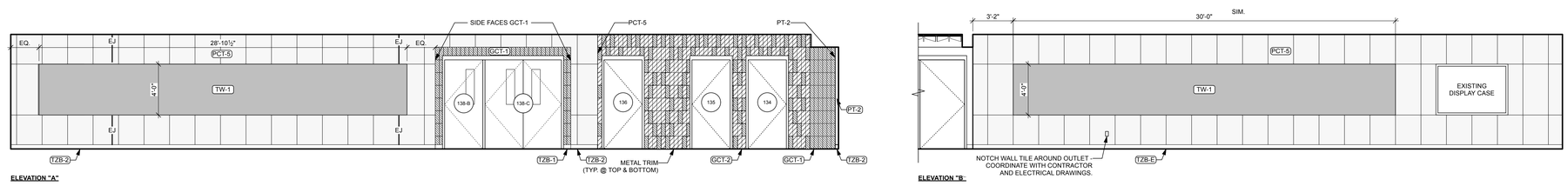
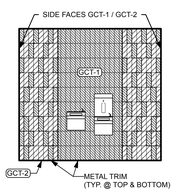


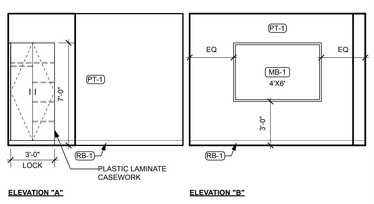
C1 / B A4.07 INTERIOR ELEVATION - CORRIDOR 1-1
Scale: 1/4" = 1'-0"



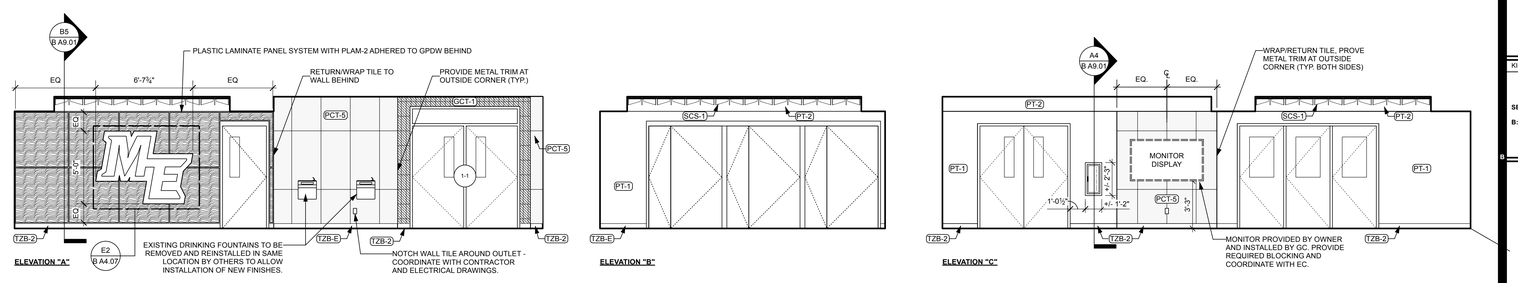
C2 / B A4.07 INTERIOR ELEVATION - CORRIDOR 1-2
Scale: 1/4" = 1'-0"



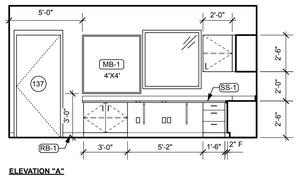
B1 / B A4.07 INTERIOR ELEVATION - ALCOVE 138.2
Scale: 1/4" = 1'-0"

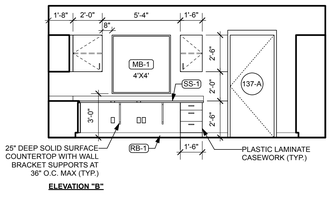


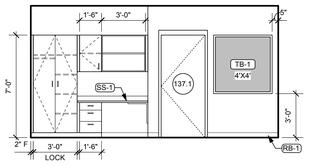
B2 / B A4.07 INTERIOR ELEVATION - OFFICE 139
Scale: 1/4" = 1'-0"

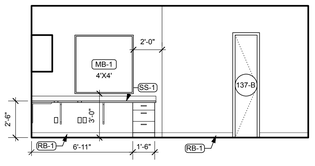


B3 / B A4.07 INTERIOR ELEVATION - CORRIDOR 1-2
Scale: 1/4" = 1'-0"

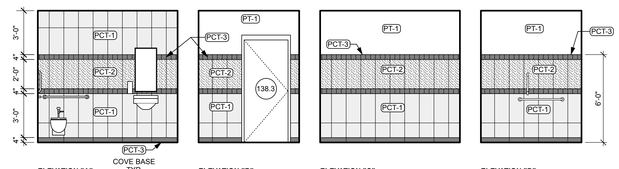








A1 / B A4.07 INTERIOR ELEVATIONS - OFFICE 137
Scale: 1/4" = 1'-0"



A5 / B A4.07 INTERIOR ELEVATION - TYPICAL TLT. ROOM
Scale: 1/4" = 1'-0"

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: 23-44-7966

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARGETT No. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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MARK	DATE	DESCRIPTION
A	10/12/2026	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: 11/10/2025

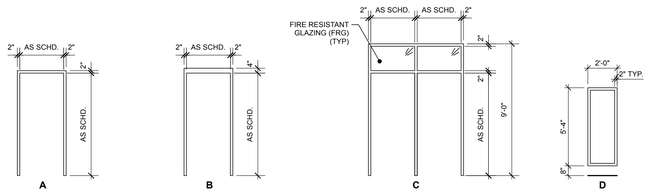
DRAWN BY: EMR / RR

SCALE: Sheet Scale

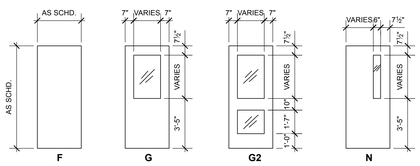
DRAWING TITLE:

INTERIOR ELEVATIONS & TOILET ACCESORY PLANS

B A4.07



E1 / B A5.01 DOOR FRAMES
1/4" = 1'-0"



D1 / B A5.01 DOOR TYPES
1/4" = 1'-0"

DOOR SCHEDULE

	DOOR						FRAME							ASSEMBLY	HDWR SET #	KEYED NOTES
DOOR NO.	TYPE	WIDTH	HEIGHT	THICK.	MATERIAL	GLASS	TYPE	HEAD DETAIL	JAMB DETAIL	THRESHOLD DETAIL	MATERIAL	GLASS	FINISH	LABEL		
BASEMENT																
G-1	P-G2	6'0"	7'0"	1 3/4"	HM	FRG	A	H3	J3		HM	-	PT-2	45 MIN.	15	
G14	F	3'0"	7'0"	1 3/4"	WD	-	A	H3	J3		HM	-	PT-2	20 MIN.	16	
G15	F	3'0"	7'0"	1 3/4"	WD	-	A	H3	J3		HM	-	PT-2	20 MIN.	16	
G17	F	3'6"	7'0"	1 3/4"	WD	-	A	H3	J3		HM	-	PT-2	20 MIN.	17	
G17.1	F	3'6"	7'0"	1 3/4"	HM	-	B	H2	J2		HM	-	PT-2	45 MIN.	18	
ST-1	P-G2	6'0"	7'0"	2"	AL	SG-1	SF-07	H5	J5	T3	AL	SG-1	PT-2	-	19	2
FIRST FLOOR																
1-1	P-N	7'2"	7'0"	1 3/4"	HM	FRG	C	H3	J3		HM	FRG	PT-2	20 MIN.	01	DOUBLE EGRESS
134	F	3'0"	7'0"	1 3/4"	WD	-	B	H1	J1		HM	-	PT-2	20 MIN.	02	
135	F	3'0"	7'0"	1 3/4"	WD	-	B	H1	J1		HM	-	PT-2	20 MIN.	03	
136	F	3'0"	7'0"	1 3/4"	WD	-	B	H1	J1		HM	-	PT-2	20 MIN.	02	
137	F	3'0"	7'0"	1 3/4"	WD	MG-1	B	H1	J1		HM	-	PT-2	-	04	
137-A	F	3'0"	7'0"	1 3/4"	WD	-	B	H1	J1		HM	-	PT-2	45 MIN.	05	
137-B	F	1'8"	5'4"	1 3/4"	HM	-	D	H3	J3		HM	-	PT-2	-	06	
137.1	F	3'0"	7'0"	1 3/4"	WD	-	A	H3	J3		HM	-	PT-2	-	07	
138	P-F	6'0"	7'0"	1 3/4"	HM	FRG	B	H1	J1	T1	HM	-	PT-2	45 MIN.	08	
138-A	F	3'0"	7'0"	1 3/4"	HM	FRG	B	H1	J1	T1	HM	-	PT-2	45 MIN.	10	
138-B	F	3'0"	7'0"	1 3/4"	HM	FRG	B	H1	J1	T1	HM	-	PT-2	45 MIN.	10	
138-C	P-F	6'0"	7'0"	1 3/4"	HM	FRG	B	H1	J1	T1	HM	-	PT-2	45 MIN.	08	
138-D	P-N	6'0"	7'0"	1 3/4"	FRP	SG-1	SF-06	H4	J4	T2	AL	-	PT-2	-	11	1, 2
138-E	P-N	6'0"	7'0"	1 3/4"	FRP	SG-1	SF-06	H4	J4	T2	AL	-	PT-2	-	12	1
138.1	P-F	6'0"	7'0"	1 3/4"	HM	-	B	H1	J1		HM	-	PT-2	45 MIN.	09	
138.1-A	F	1'8"	5'4"	1 3/4"	HM	-	D	H1	J1		HM	-	PT-2	-	06	
138.3	F	3'0"	7'0"	1 3/4"	WD	-	B	H1	J1		HM	-	PT-2	-	13	
139	F	3'0"	7'0"	1 3/4"	WD	FRG	B	H1	J1		HM	-	PT-2	20 MIN.	14	

GENERAL NOTES

A. "P-" INDICATES PAIR OF DOORS.

B. REFER TO SPECIFICATION SECTION 088000 'GLAZING' FOR ALL GLAZING TYPES.

C. FIELD VERIFY DEPTHS OF EXISTING WALLS SCHEDULED TO RECEIVE NEW DOORS / FRAMES.

D. NOTE: FRAME DEPTHS = WALL DEPTH + 1", UNLESS OTHERWISE NOTED.

E. REFER TO SHEET B/A5.02 FOR STOREFRONT SYSTEM TYPES.

KEYED NOTES

1. PROVIDE FRP PANEL IN TRANSOM TO MATCH DOOR FINISH.
2. CARD ACCESS LOCATION - COORDINATE WITH ELECTRICAL CONTRACTOR.

GENERAL DOOR, FRAME AND HARDWARE NOTES

A. THESE GENERAL NOTES APPLY TO ALL SPACES AND BUILDING CONSTRUCTION AFFECTED BY THE WORK.

B. 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.

C. 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.

D. 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.

E. 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.

F. 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.

G. THROUGH-BOLTING OF HARDWARE IS NOT PERMITTED UNLESS NOTED OTHERWISE.

H. THE CONTRACTOR SHALL PREPARE DOORS AND FRAMES FOR ELECTRICAL AND SECURITY DEVICES. COORDINATE WITH OWNER, ARCHITECT AND WORK OF OTHE TRADES.

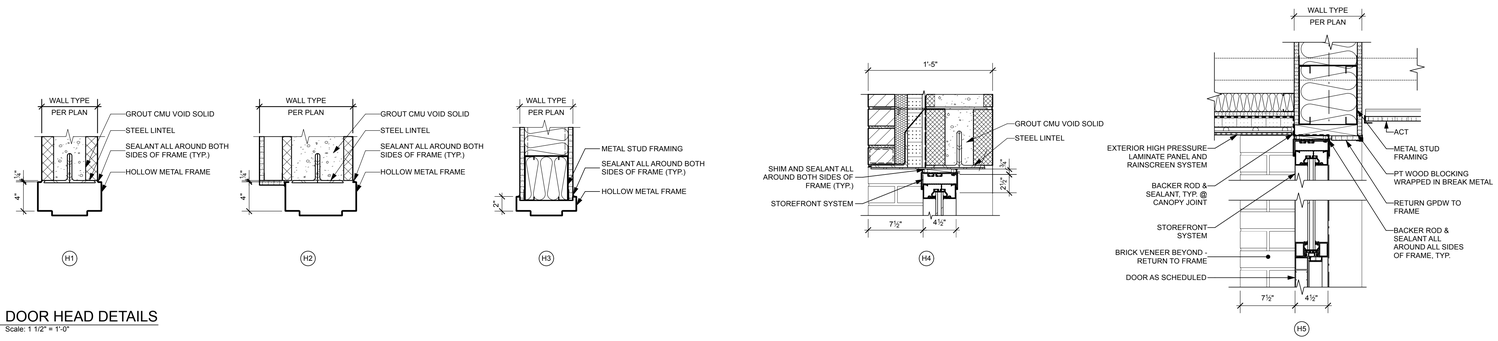
I. ALL NEW VISION PANELS AND SIDE LIGHTS TO RECEIVE NEW WINDOW TREATMENTS. REFER TO SPEC SECTION 122413 ROLLER WINDOW SHADES.

J. VERIFY/COORDINATE THROAT SIZES OF HM FRAMES WITH EXISTING CONSTRUCTION PRIOR TO GENERATING SHOP DRAWINGS.

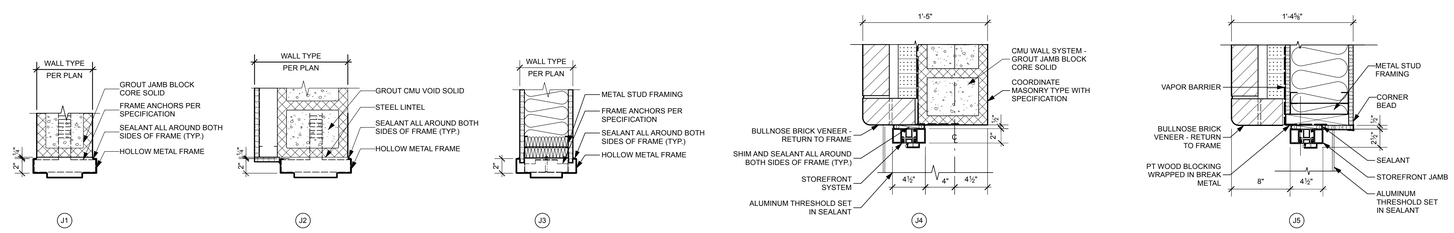
K. TOPS AND BOTTOMS OF DOORS THAT ARE FIELD CUT SHALL RECEIVE TWO COATS OF CLEAR SEALER AT STAINED DOORS, OR OTHERWISE FINISHED IN-KIND PATCH TO MATCH DOOR FACE.

L. WHERE NEW HARDWARE IS INSTALLED ON ALL DOORS OR FRAMES, THE CONTRACTOR SHALL INCLUDE ALL MACHINING AND PATCHING OF THE EXISTING SURFACES WITH IN-KIND MATERIAL AND FINISHES, OR WHERE APPROVED BY ARCHITECT, PROVIDE ALTERNATIVE METHODS TO CONCEAL REMEDIAL WORK.

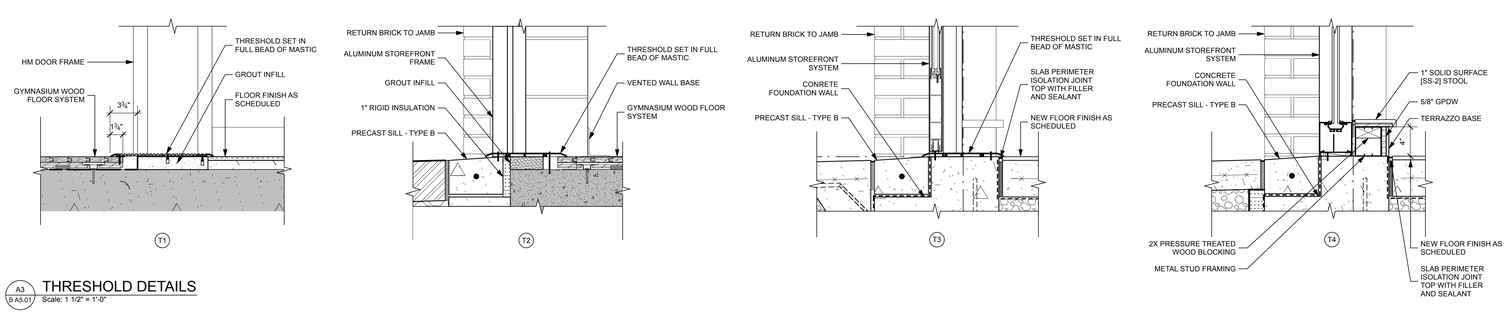
M. PAINT HM DOORS AND FRAMES UNLESS OTHERWISE INDICATED (COORDINATE WITH SPECIFICATION FOR PRE-FINISHED DOORS).



C2 / B A5.01 DOOR HEAD DETAILS
Scale: 1 1/2" = 1'-0"



B2 / B A5.01 DOOR JAMB DETAILS
Scale: 1 1/2" = 1'-0"



A3 / B A5.01 THRESHOLD DETAILS
Scale: 1 1/2" = 1'-0"

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT JERRY B. TARQUINIO NO. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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MARK	DATE	DESCRIPTION
	10/12/2026	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **11/10/2025**

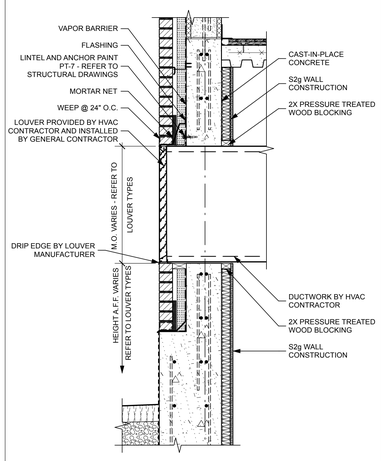
DRAWN BY: **DWK / EMR**

SCALE: **Sheet Scale**

DRAWING TITLE:

DOOR SCHEDULE AND DETAILS

B A5.01



D1 / B A5.02 SECTION @ MUSCIL ROOM LOUVERS
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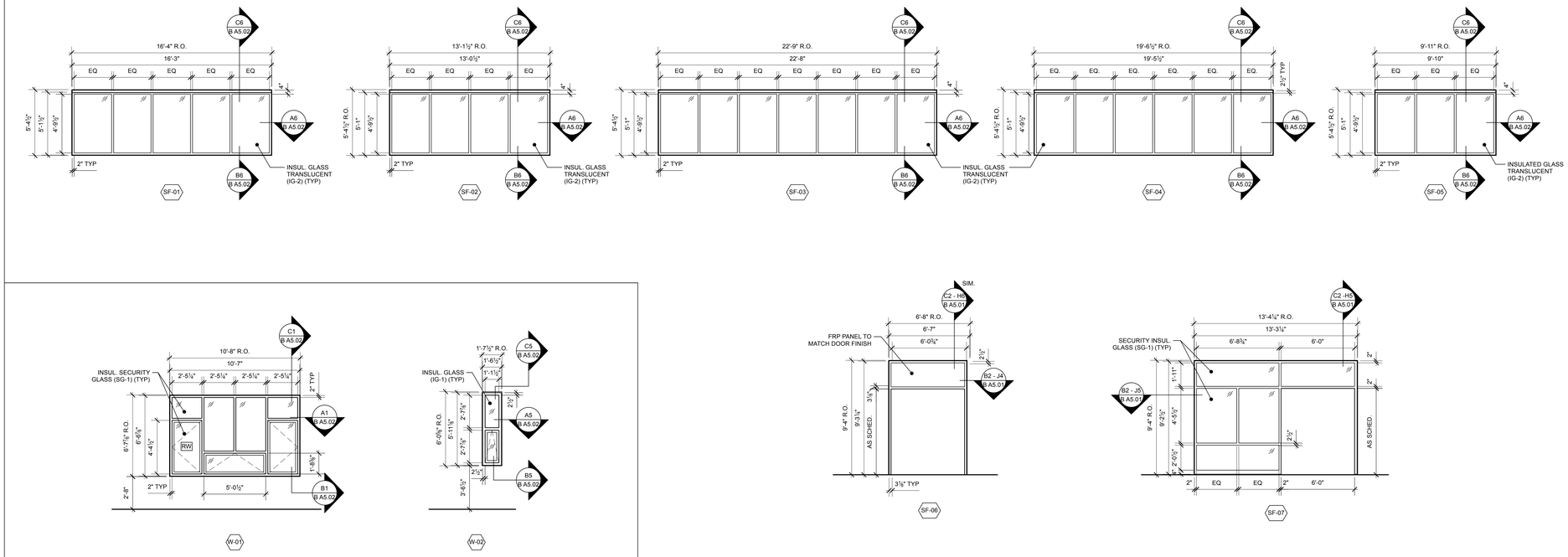
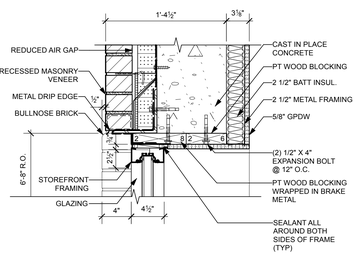


D2 / B A5.02 EXTERIOR WINDOW TYPES
1/4" = 1'-0"

D4 / B A5.02 STOREFRONT TYPES
1/4" = 1'-0"



C1 / B A5.02 WINDOW HEAD DETAIL
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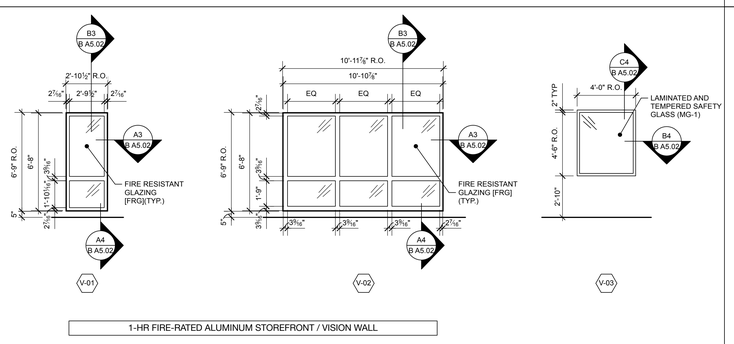
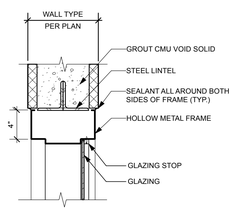
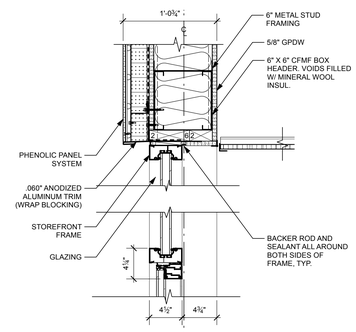


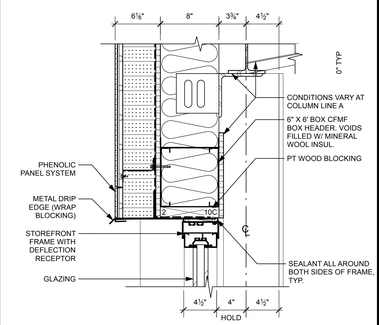
C2 / B A5.02 VISION PANEL TYPES
1/4" = 1'-0"



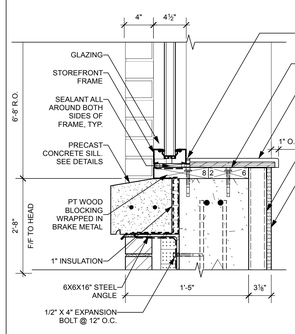
C4 / B A5.02 VISION PANEL HEAD DETAIL
Scale: 1 1/2" = 1'-0"



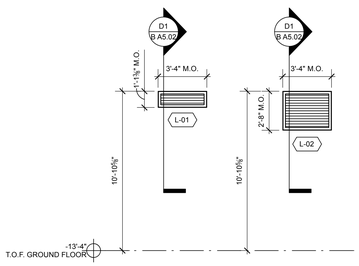
C5 / B A5.02 WINDOW HEAD DETAIL
Scale: 1 1/2" = 1'-0"



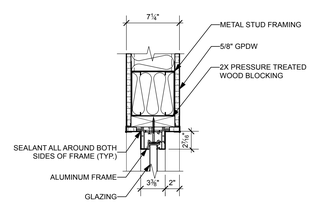
C6 / B A5.02 WINDOW HEAD DETAIL - GYM CLERESTORY
1 1/2" = 1'-0"



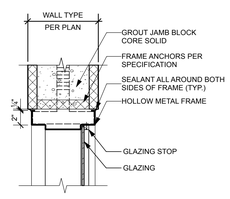
B1 / B A5.02 WINDOW BASE DETAIL
Scale: 1 1/2" = 1'-0"



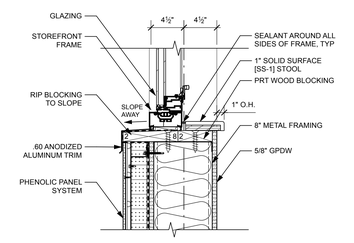
B2 / B A5.02 LOUVER TYPES
1/4" = 1'-0"



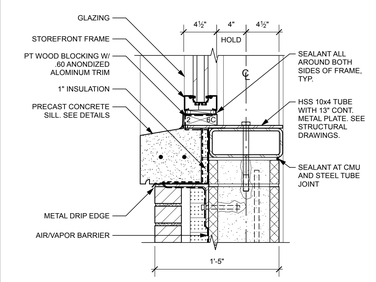
B3 / B A5.02 HEAD DETAIL @ RATED VISION PANEL
Scale: 1 1/2" = 1'-0"



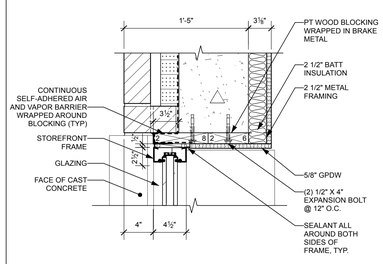
B4 / B A5.02 VISION PANEL JAMB DETAIL
Scale: 1 1/2" = 1'-0"



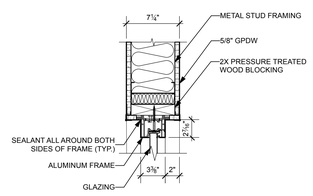
B5 / B A5.02 WINDOW BASE DETAIL
Scale: 1 1/2" = 1'-0"



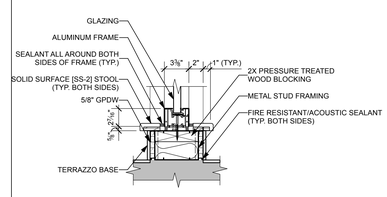
B6 / B A5.02 WINDOW BASE DETAIL - GYM CLERESTORY
1 1/2" = 1'-0"



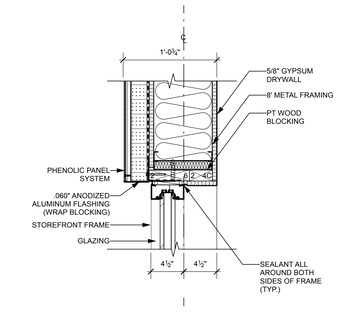
A1 / B A5.02 WINDOW JAMB DETAIL
Scale: 1 1/2" = 1'-0"



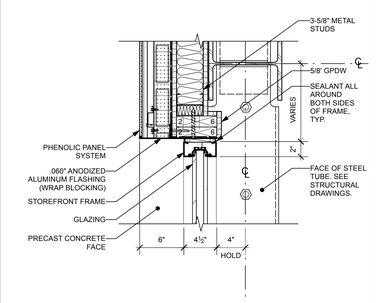
A3 / B A5.02 JAMB DETAIL @ RATED VISION PANEL
Scale: 1 1/2" = 1'-0"



A4 / B A5.03 STOOL DETAIL @ RATED VSION PANEL
Scale: 1 1/2" = 1'-0"



A5 / B A5.03 WINDOW JAMB DETAIL
Scale: 1 1/2" = 1'-0"



A6 / B A5.03 WINDOW JAMB DETAIL - GYM CURTAINWALL
Scale: 1 1/2" = 1'-0"

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KENNY B. TAYLOR No. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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	10/12/2025	ISSUED FOR BID

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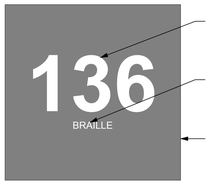
DRAWING DATE: **11/10/2025**
DRAWN BY: **DWK / EMR**
SCALE: **Sheet Scale**
DRAWING TITLE:

WINDOW TYPES AND DETAILS

B A5.02

ROOM SIGNAGE SCHEDULE

SIGN TYPE	ROOM NUMBER	ROOM NAME - LINE 1	LINE 2	QTY
GROUND FLOOR				
B	G13	MACHINE	ROOM	1
C2	G14	GIRLS		1
C1	G15	BOYS		1
B	G16	CUSTODIAN		1
A	G17	MUSIC		1
B	G17.1	STORAGE		1
E		STAIRS		1
F		ELEVATOR		1
FIRST FLOOR				
D	134	RESTROOM		1
B	135	CUSTODIAN		1
D	136	RESTROOM		1
D	137.1	RESTROOM		1
A	138	GYMNASIUM		2
D	138.3	RESTROOM		1
A	139	OFFICE		1
B	142	KITCHEN		1
B	143	CAFETORIUM		1
E		STAIRS		1
F		ELEVATOR		1
				20

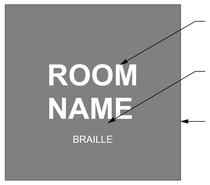


ROOM NUMBER, RAISED TEXT
COLOR: WHITE
STYLE: ARIAL BOLD
HEIGHT: 2"

GRADE 2 BRAILLE
COLOR: CLEAR

POLYMER PLATE
COLOR: MATCH EXG

SIGN TYPE 'A' - ROOM NUMBER
6" W X 6" H

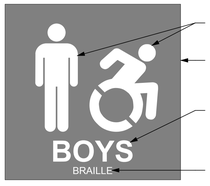


ROOM NAME, RAISED TEXT
COLOR: WHITE
STYLE: ARIAL BOLD
HEIGHT: 3/4"

GRADE 2 BRAILLE
COLOR: CLEAR

POLYMER PLATE
COLOR: MATCH EXG

SIGN TYPE 'B' - ROOM NAME
6" W X 6" H



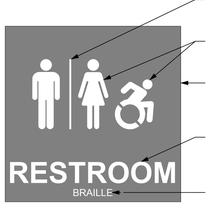
PICTOGRAM, RAISED
CENTERED
COLOR: WHITE

POLYMER PLATE
COLOR: MATCH EXG

ROOM NAME, RAISED TEXT
COLOR: WHITE
STYLE: ARIAL BOLD
HEIGHT: 3/4"

GRADE 2 BRAILLE
COLOR: CLEAR ACRYLIC

SIGN TYPE 'C' - TOILET ROOM DESIGNATION AND PICTOGRAM
'C1' - BOYS | 'C2' - GIRLS
6" W X 6" H



GRAPHIC LINE, 1/32" THICK
COLOR: WHITE

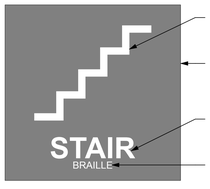
PICTOGRAM, RAISED
CENTERED
COLOR: WHITE

POLYMER PLATE
COLOR: MATCH EXG

ROOM DESIGNATION,
RAISED TEXT
CENTERED
COLOR: WHITE
STYLE: ARIAL BOLD
HEIGHT: 3/4"

GRADE 2 BRAILLE
COLOR: CLEAR ACRYLIC

SIGN TYPE 'D' - TOILET ROOM DESIGNATION AND PICTOGRAM
6" W X 6" H



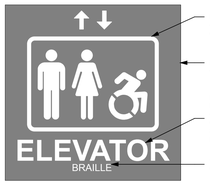
PICTOGRAM, RAISED
CENTERED
COLOR: WHITE

POLYMER PLATE
COLOR: MATCH EXG

ROOM DESIGNATION,
RAISED TEXT
CENTERED
COLOR: WHITE
STYLE: ARIAL BLACK
HEIGHT: 3/4"

GRADE 2 BRAILLE
COLOR: CLEAR ACRYLIC

SIGN TYPE 'E' - STAIR DESIGNATION AND PICTOGRAM
6" W X 6" H



PICTOGRAM, RAISED
CENTERED
COLOR: WHITE

POLYMER PLATE
COLOR: MATCH EXG

ROOM DESIGNATION,
RAISED TEXT
CENTERED
COLOR: WHITE
STYLE: ARIAL BLACK
HEIGHT: 3/4"

GRADE 2 BRAILLE
COLOR: CLEAR ACRYLIC

SIGN TYPE 'F' - ELEVATOR DESIGNATION AND PICTOGRAM
6" W X 6" H

A1
B A6.01
SIGNAGE TYPES
Scale: Half Actual Size

INTERIOR FINISH LEGEND

FINISH	MANUFACTURER	STYLE	SIZE	COLOR	NOTES
ACOUSTICAL CEILING TILE					
ACT-1	USG	MARS ITEM NO. 86785	24 X 24	WHITE	
DIMENSIONAL SIGNAGE					
DS-1	TAKEFORM	PAINTED ACRYLIC	1/2" THICKNESS	CO204 BUTTERSCOTCH	REFER TO E2/B A4.07 FOR SIZE
DS-2	TAKEFORM	PAINTED ACRYLIC	1/8" THICKNESS	CO404 TWILIGHT	REFER TO E2/B A4.07 FOR SIZE
GLAZED CERAMIC TILE					
GCT-1 (ACCENT)	CROSSVILLE	COLOR PERSPECTIVES - GLOSS FINISH	4 X 12	MARINE CPR06	
GCT-2 (ACCENT)	CROSSVILLE	COLOR PERSPECTIVES - GLOSS FINISH	4 X 12	WATER CPR03	
PAINT					
PT-1 (FIELD)	SHERWIN WILLIAMS	REFER TO SPEC	- - -	SW 7005 - PURE WHITE	
PT-2 (ACCENT & DOOR FRAME)	SHERWIN WILLIAMS	REFER TO SPEC	- - -	SW 6804 - DIGNITY BLUE	
PT-3 (ACCENT)	SHERWIN WILLIAMS	REFER TO SPEC	- - -	SW 6683 - BEE	
PT-4 (ACCENT)	SHERWIN WILLIAMS	REFER TO SPEC	- - -	SW 6513 - TAKE FIVE	
PT-5 (INTUMESCENT)	SHERWIN WILLIAMS	REFER TO SPEC	- - -	MATCH TO SW 6683 - BEE	
PT-6 (INTUMESCENT)	SHERWIN WILLIAMS	REFER TO SPEC	- - -	MATCH TO SW 7035 - AESTHETIC WHITE	
PT-7 (EXTERIOR LINTELS)	SHERWIN WILLIAMS	REFER TO SPEC	- - -	MATCH EXTERIOR BRICK	
PLASTIC LAMINATE					
PLAM-1	FORMICA	NATURAL GRAIN TEXTURE	- - -	9282-NG NATURAL RIFTWOOD	
PLAM-2	FORMICA	MATTE FINISH	- - -	914-58 MARINE BLUE	
PORCELAIN CERAMIC TILE					
PCT-1 (ACCENT)	CROSSVILLE	ARGENT 2.0	12 X 24	MEMPHIS BLUES ARG15	
PCT-2 (ACCENT)	CROSSVILLE	ARGENT 2.5	12 X 24	LEMON DROP ARG099	
PCT-3 (ACCENT)	CROSSVILLE	ARGENT 2.0 - RANDOM ANGLE MOSAIC	4 X 4	GREY TABBY ARG33	
PCT-4 (FLOOR)	CROSSVILLE	ARGENT 2.0 - RANDOM ANGLE MOSAIC	4 X 4	MEMPHIS BLUES ARG15	
PCT-5 (FIELD)	CROSSVILLE	SHADES 2.0 - UNPOLISHED	24 X 48	VAPOR SHD42	
PCT-E	MATCH EXG	MATCH EXG	MATCH EXG	MATCH EXG	DISTRICT TO PROVIDE FROM ATTIC STO
RESINOUS FLOORING					
RF-1	SHERWIN WILLIAMS	RESUFLOR DECO QUARTZ	1/8" THICKNESS	BLUE SLATE	
RUBBER BASE					
RB-1	ROPPE	WALL BASE SYSTEM	- - -	114 LUNAR DUST	
RB-2	TARKETT	JOHNSONITE VENT COVE	- - -	40 BLACK	
SOLID SURFACE					
SS-1	CORIAN	SOLID SURFACE	12MM THICKNESS	DOVE	
SS-2 (WINDOW STOOLS)	CORIAN	SOLID SURFACE	12MM THICKNESS	DEEP NOCTURNE	
SPECIALTY CEILING SYSTEM					
SCS-1	USG CEILING PLUS	COLORTEX FINS	24 X 24	LAKE, SUMMER + CREAM	
SCS-2	TURF	FRACTAL		9MM. 33 LUMINARY, 63 SAFFLOWER + 64 PLANTAIN	
SCS-3	ARMSTRONG	LYRA PB DIRECT APPLY	24 X 72	CUSTOM COLOR / MATCH PT-4	
TACKABLE WALL SURFACE					
TW-1	FORBO	BULLETIN BOARD	CUSTOM	2212 FRESH PINEAPPLE	REFER TO C2/B A4.07 FOR SIZE
TERRAZZO					
TZ-1	KEY RESIN COMPANY	EPOXY	- - -	BLUEBELL (KRT-1834)	
TERRAZZO BASE					
TZB-1	KEY RESIN COMPANY	EPOXY COVE	4"	BLUEBELL (KRT-1834)	
TZB-2 (PRECAST FLOOR BASE)	MATCH EXG CORR. 1-2 COVE	MATCH EXG CORR. 1-2 COVE	MATCH EXG CORR. 1-2 COVE	MATCH EXG CORR. 1-2 COVE	
TZB-E (EXG PRECAST FLOOR BASE)	EXG BASE TO REMAIN	EXG BASE TO REMAIN	EXG BASE TO REMAIN	EXG BASE TO REMAIN	
TRANSITION STRIPS					
TS-1	TBD	TBD	- - -	TBD	
VINYL TILE					
VT-1 (FIELD CLASSROOM)	PATCRAFT	NUMIX I768V	36 X 36	00520 PEARL FLECK-V1	
VT-2 (ACCENT)	PATCRAFT	NUMIX I768V	36 X 36	00495 NAUTICAL SOLID-V1	
VT-3 (FIELD CORRIDOR)	PATCRAFT	NUMIX I768V	36 X 36	00490 NAUTICAL FLECK-V1	
WOOD FINISH					
WD-1 (GYMNASIUM)	TBD	TBD	- - -	LIGHTER STAIN	SEE CONSTRUCTION PLAN B A4.05
WD-1 (GYMNASIUM)	TBD	TBD	- - -	DARKER STAIN	SEE CONSTRUCTION PLAN B A4.05
---	NO FINISHES		- - -		
EXG	EXISTING FINISH TO REMAIN		- - -		
EXPOSED	EXPOSED CEILING		- - -		
GYP / GPDW	GYPSUM WALL BOARD		- - -		SEE RCP FOR PAINT COLOR

FINISH SCHEDULE

ROOM NO.	ROOM NAME	FLOOR FINISH	BASE FINISH	NORTH WALL FINISH	EAST WALL FINISH	SOUTH WALL FINISH	WEST WALL FINISH	CEILING FINISH	KEYED NOTES
BASEMENT									
G-1	CORRIDOR	TZ-1, VT-3	TZB-1, RB-1	PT-1, PT-2	PT-1, PT-2	PT-1, PT-2	PT-1	ACT-1, PT-1	1, 2
G-3	CORRIDOR	VT-3	RB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	2
G14	GIRLS' TOILET	EXG	EXG, PCT-E	EXG	EXG	EXG	EXG, PCT-E	ACT-1	9
G15	BOYS' TOILET	EXG	EXG, PCT-E	EXG	EXG	EXG	PCT-E	ACT-1	9
G17	MUSIC	VT-1, VT-2	RB-1	PT-1	PT-1	PT-2	PT-1	SCS-2, SCS-3, PT-4	3, 6, 13
G17.1	CRAWLSPACE	EXP CONC	---	EXP	EXP	EXP	EXP	EXP	4
ST-1	STAIR	EXG, TZ-1	TZB-1	PT-1	PT-1	PT-1	PT-1	ACT-1	5
FIRST FLOOR									
132	NURSE	EXG	EXG	EXG	EXG	EXG	EXG	ACT-E, EXG	
138	GYMNASIUM	WD-1, WD-2	RB-2	PT-1, PT-2, PT-3	PT-1, PT-2, PT-3	PT-1, PT-2, PT-3	PT-1, PT-2, PT-3, PT-5, PT-7	PT-1, PT-3	11,12
132.1	TOILET	EXG	EXG	EXG	EXG	EXG	EXG	EXG, PT-1	
138.1	STORAGE	EXP CONC	RB-1	PT-1	PT-1	PT-1	PT-1	PT-1	4
138.3	TOILET	RF-1	RF-1	PT-1, PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	ACT-1	7
138.2	ALCOVE	RF-1	RF-1	---	PCT-5	PCT-5	GCT-1, GCT-2	ACT-1, PT-1	7
1-1	CORRIDOR	EXG, TZ-1	EXG, TZB-1, TZB-2	GCT-1, PT-1	GCT-1, PT-6	GCT-1, PT-1	PT-1	ACT-1, PT-2	
137.1	TOILET RM	PCT-3, PCT-4	PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	ACT-1, PT-1	3
1-2	CORRIDOR	EXG, TZ-1	EXG, TZB-2	GCT-1, PCT-5, PT-2	GCT-1, GCT-2, PCT-5, PT-1, PT-2	EXG, PT-1, PT-2	PT-1	ACT-1, PT-2, SCS-1	14
136	TLT RM	PCT-3, PCT-4	PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	ACT-1	
135	JAN.	RF-1	RF-1	PT-1	PT-1	PT-1	PT-1	PT-1	4, 7
134	TLT RM	PCT-3, PCT-4	PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	PT-1, PCT-1, PCT-2, PCT-3	ACT-1	
137	OFFICE	VT-3	RB-1	PT-1	PT-1	PT-2	PT-1	ACT-1	6
139	OFFICE	VT-1	RB-1	PT-3	PT-1	PT-1	PT-1	ACT-1	6
ST-1	STAIR	EXG, TZ-1	EXG	PT-1	PT-1	PT-1	PT-1	ACT-1	5

GENERAL NOTES

A. SEE INTERIOR ELEVATIONS, SECTIONS, REFLECTED CEILING PLANS, CONSTRUCTION AND FINISH FLOOR PLANS FOR FINISH LOCATIONS.

B. REFER TO REFLECTED CEILING PLANS FOR CEILING AND SOFFIT HEIGHTS.

KEYED NOTES

1. TOILET ROOM ALCOVE WALLS AND CEILING TO BE PAINTED PT-4, ALL OTHER WALLS TO BE PAINTED PT-1.
2. ALL EXG DOOR FRAMES TO ADJOINING ROOMS TO BE SURFACE PREPARED AND PAINTED PT-2.
3. ALL EXPOSED DUCTWORK, STRUCTURE AND EQUIPMENT TO BE PAINTED PT-4.
4. ALL EXPOSED DUCTWORK, STRUCTURE AND EQUIPMENT TO BE PAINTED PT-1.
5. INSTALLATION OF NEW TZ-1 STAIR TREADS AND LANDING WITH PAINTING OF STRINGERS AND HANDRAILS PT-2 INCLUDED IN GC ALTERNATES. REFER TO DETAIL B6/BA6.03 AND PLANS.
6. ALL CASEWORK AND TRIM TO BE PLAM-1 AND COUNTERTOPS TO BE SS-1.
7. IN ROOMS WITH RF-1 FLOORS PROVIDE AN INTEGRAL 4" COVE BASE TO MATCH.
8. INSTALL PCT-1 FULL HEIGHT ON ALL NEW SHOWER WALLS.
9. OWNER TO PROVIDE TILE TO MATCH EXG, REFER TO INTERIOR ELEVATIONS D1/BA4.07 AND E6/BA4.07 FOR LOCATIONS.
10. NOT USED.
11. APPLY INTUMESCENT PAINT TO ALL EXPOSED SURFACES OF COLUMNS IN GYMNASIUM CORRIDOR WALL. COLOR OF INTUMESCENT PAINT TO MATCH ADJCENT FINISHES.
12. REFER TO GYMNASIUM GAME LINE PLAN FOR WOOD FLOOR FINISH AND GAME LINE COLORS ON SHEET B/A4.05.
13. BACK OF CUSTOM UKELELE STORAGE CUBBIES TO BE PLAM-2.
14. TACK WALL TW-1 APPLIED TO PCT-5 - REFER TO INTERIOR ELEVATIONS FOR LOCATIONS AND SIZES,

GENERAL FINISH NOTES

A. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN DRAWINGS, SCHEDULES AND SPECIFICATIONS. REFER TO SUPPLEMENTARY GENERAL CONDITIONS FOR FURTHER INFORMATION REGARDING CONSTRUCTION DOCUMENTS.

B. 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. SEE INTERIOR ELEVATION B A4.07 FOR LOCATIONS.

C. PAINT ALL NEW EXTERIOR EXPOSED LINTELS [PT-7] TO MATCH EXG BRICK.

D. DOOR FRAMES TO BE [PT-2] UNLESS NOTED OTHERWISE.

E. WHERE EXISTING DOOR FRAMES ARE TO BE REPAINTED, EXISTING PAINT AND PRIMER ARE TO BE REMOVED DOWN TO BARE METAL TO PROVIDE SMOOTH FINISHED SURFACE BEFORE NEW PRIMER AND PAINT ARE APPLIED.

F. WHERE EXISTING DOOR FRAMES ARE BEING MODIFIED TO ACCOMMODATE NEW DOORS AND HARDWARE, DOOR FRAMES ARE TO BE PATCHED PRIMED AND PAINTED. REFER TO FINISH LEGEND FOR COLOR & DOOR SCHEDULE FOR QUANTITY.

G. REFER TO FLOOR FINISH PLANS ON B A6.02 AND B A6.03 FOR FLOOR PATTERNS.

H. ALL CHANGES IN FLOORING FROM EXISTING TO NEW, OR NEW TO NEW, REQUIRE TRANSITION STRIPS. TRANSITION STRIPS TO BE LOCATED AT UNDERSIDE OF CLOSED DOOR. NOT DOOR FRAME. REFER TO SPEC 093000 FOR TILE TRANSITIONS AND 096600 FOR RESILIENT FLOOR TRANSITIONS.

I. REFER TO INTERIOR ELEVATIONS ON B A4.07 FOR WALL TILE PATTERNS.

J. REFER TO FINISH SCHEDULE ON B A6.01 FOR UNDERSIDE OF SOFFIT COLORS.

K. PAINT FACE AND UNDERSIDE OF ALL BULKHEADS [PT-1] UNLESS NOTED OTHERWISE.

L. SEE RCP PLANS FOR CEILING AND SOFFIT / BULKHEAD HEIGHTS AND LOCATIONS.

M. THESE GENERAL NOTES APPLY TO NEW SPACES AND EXISTING SPACES AFFECTED BY THE WORK.

N. 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.

O. 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.

P. 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 BOTH THE SUBSTITUTE AND BASIS-OF-DESIGN MANUFACTURERS' FULL RANGE OF OPTIONS, INCLUDING CUSTOM COLORS/ TEXTURES, AT NO ADDITIONAL COST.

Q. IT IS INTENDED THAT EXPOSED AND SEMI-EXPOSED SURFACES SHALL RECEIVE FINISH, EVEN IF NOT SPECIFICALLY INDICATED IN THE CONSTRUCTION DOCUMENTS.

R. PROVIDE PREPARATION OF SURFACES TO RECEIVE FINISH PER MANUFACTURER'S RECOMENDATIONS, UNLESS OTHERWISE INDICATED.

S. WHERE EXISTING CEILINGS ARE REMOVED, IT IS INTENDED THAT THE NEWLY EXPOSED WALL SHALL BE PATCHED, AND FINISHES EXTENDED TO THE NEW CEILING.

T. PAINT EXPOSED STRUCTURAL ELEMENTS AND EXPOSED MISCELLANEOUS METALS EMBEDDED IN WALLS TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED.

U. PAINT EXPOSED WOOD GROUNDS, BACKERS, FILLERS, SPACERS, AND OTHER UNFINISHED COMPOKENTS ASSOCIATED WITH INSTALLATION OF EQUIPMENT OR ACCESSORIES TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED.

V. PAINT EXPOSED UNFINISHED PIPING, CONDUITS, JUNCTION BOXES, ETC. TO MATCH ADJACENT SURFACE UNLESS OTHERWISE INDICATED.

W. FLOOR FINISH SHALL CONTINUE UNDER OPEN BASE CASEWORK/ MILLWORK AND OPEN COUNTERS. CONTINUE INTO THOSE AREAS UNLESS OTHERWISE INDICATED.

X. IN SPACES WITH CLOSETS, ALCOVES OR SIMILAR ANCILLARY AREAS, ADJACENT FINISHES SHALL CONTINUE INTO THOSE AREAS UNLESS OTHERWISE INDICATED.

Y. PROVIDE RUBBER BASE AT CASEWORK AND MILLWORK TO MATCH ROOM, UNLESS NOTED OTHERWISE.

Z. PROVIDE SEALANT WHERE COUNTERS/ BACKSPLASHES MEET OTHER CONSTRUCTION, AFTER PAINTING IS COMPLETE: TYPE AND COLOR TO BE SELECTED BY ARCHITECT.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBERS:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

REGISTERED ARCHITECT KERRY B. TARPLEY D. 37554 STATE OF NEW YORK

License Expiration Date: 5/31/2029

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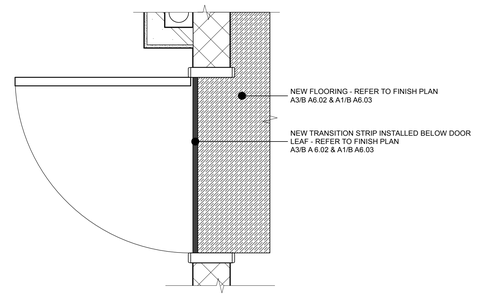
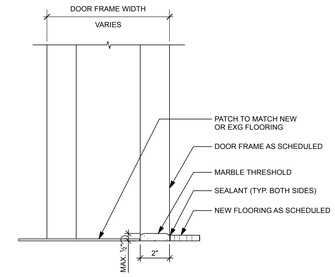
FINISH LEGEND AND SCHEDULE

B A6.01



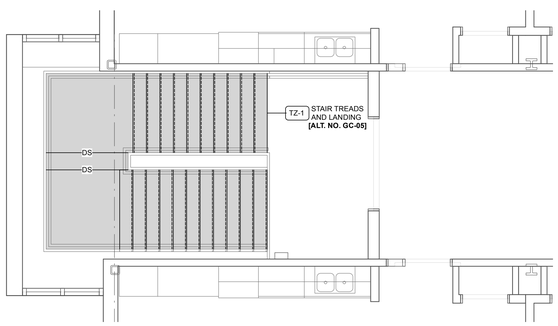
E4 / B A6.02 TYPICAL VINYL TRANSITION
Scale: 1" = 1'-0"



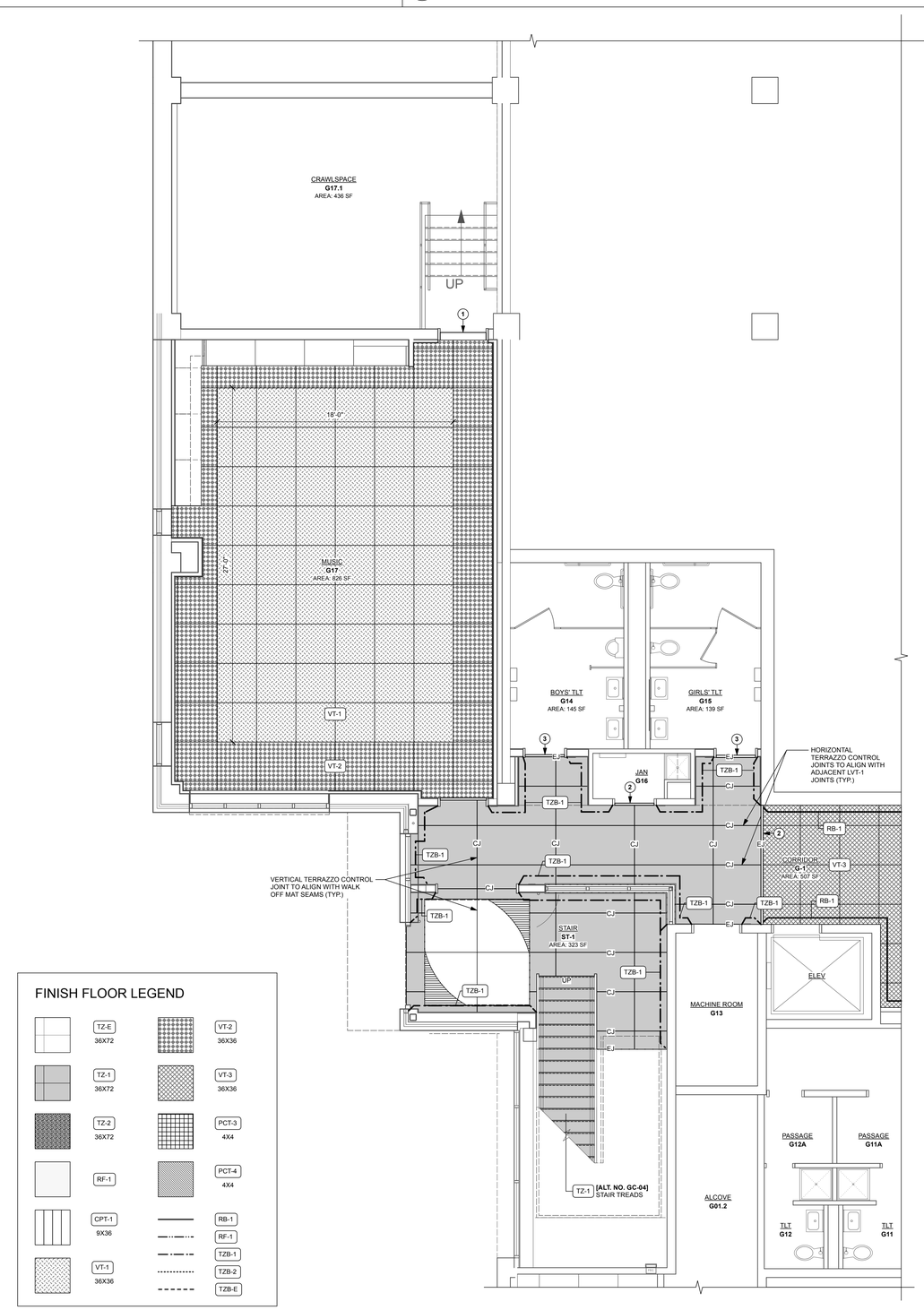
E6 / B A6.02 TYPICAL MARBLE THRESHOLD (MT)
Scale: 3" = 1'-0"

KEYED FINISH FLOOR PLAN NOTES

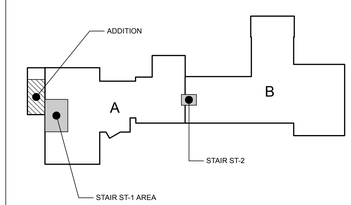
1. PROVIDE METAL THRESHOLD PER SPEC.
2. PROVIDE VINYL TRANSITION STRIP PER SPEC. REFER TO DETAIL **E4/B A6.02**.
3. PROVIDE MARBLE THRESHOLD. REFER TO DETAIL **E6/B A6.02.**
4. PROVIDE METAL THRESHOLD - NATIONAL GUARD PRODUCTS (NGP) 8139 X 8168N X 8144 X 8133 OR APPROVED EQUAL AT FLOOR TRANSITION.



A1 / B A6.02 ENLARGED FINISH PLAN - SECOND FLOOR STAIR ST-2
Scale: 1/4" = 1'-0"



PROJECT NORTH
A3 / B A6.02 ENLARGED FINISH PLAN - GROUND FLOOR - AREA 'A'
Scale: 1/4" = 1'-0"



PROJECT NORTH
KEY PLAN

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HOMER BRINK ELEMENTARY SCHOOL

3618 BRIAR LANE
ENDWELL, NEW YORK 13760

KING + KING PROJ. NO.: **23-44-7906**

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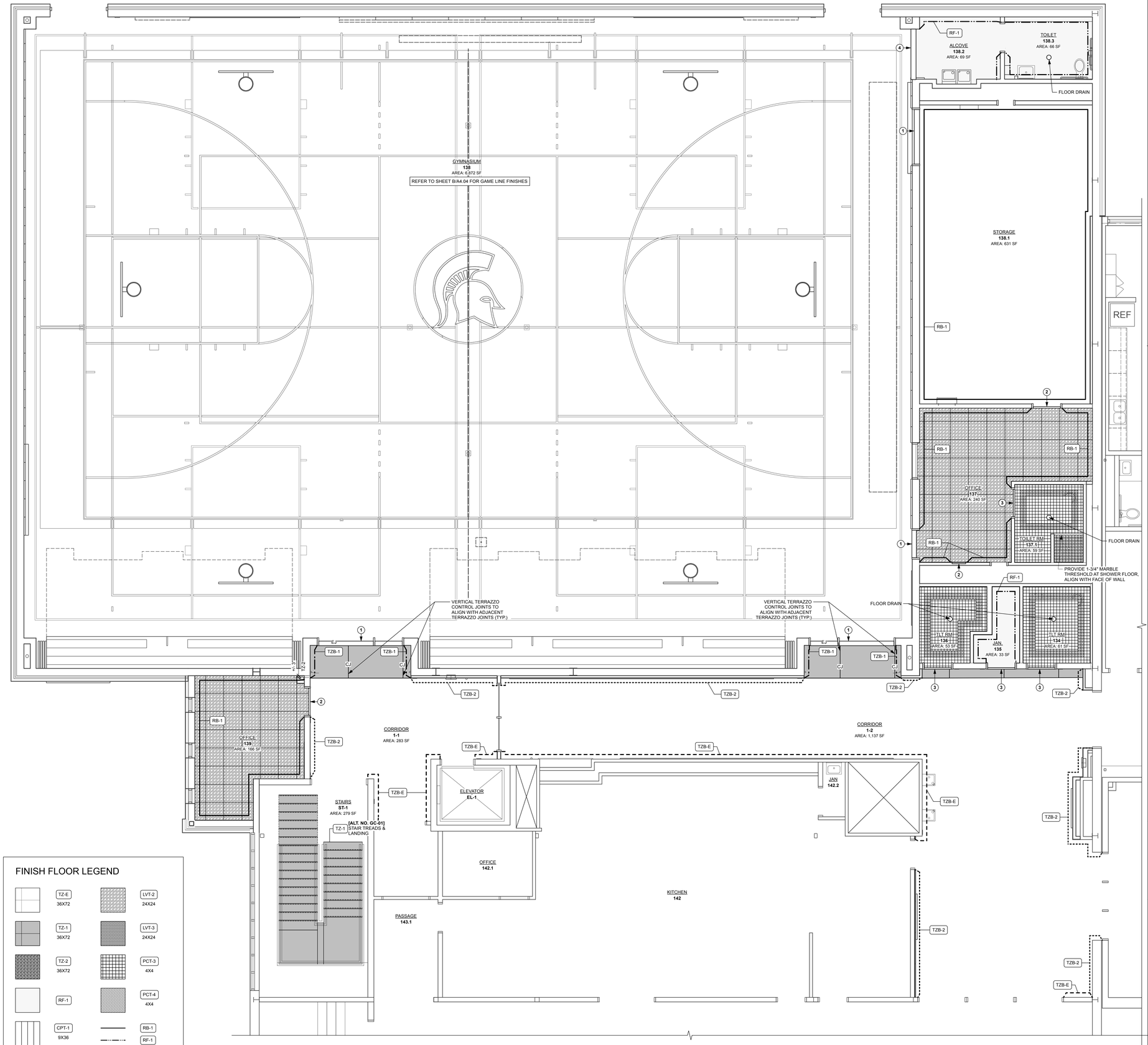
FINISH FLOOR PLAN - GROUND FLOOR

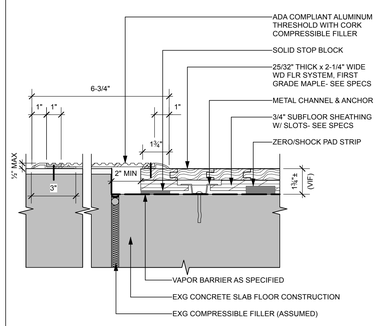
B A6.02



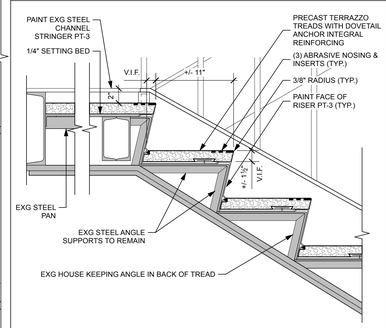
FINISH FLOOR LEGEND

TZ-E	36X72	LVT-2	24X24
TZ-1	36X72	LVT-3	24X24
TZ-2	36X72	PCT-3	4X4
RF-1		PCT-4	4X4
CPT-1	9X36	RB-1	
		RF-1	
		TZB-1	
LVT-1	36X36	TZB-2	
		TZB-E	

A1 / B A6.03 ENLARGED FINISH PLAN - FIRST FLOOR - AREA 'A'
Scale: 1/4" = 1'-0"



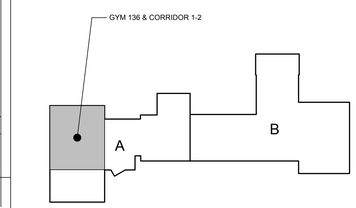
C6 / B A6.03 THRESHOLD @ GYM FLOOR SYSTEM
Scale: 3" = 1'-0"



B6 / B A6.03 STAIR LANDING - PRECAST TERRAZZO TREAD
Scale: 1 1/2" = 1'-0"

KEYED FINISH FLOOR PLAN NOTES

1. PROVIDE METAL THRESHOLD PER SPEC.
2. PROVIDE VINYL TRANSITION STRIP PER SPEC. REFER TO DETAIL **E4/B A6.02.**
3. PROVIDE MARBLE THRESHOLD. REFER TO DETAIL **E6/B A6.02.**
4. PROVIDE METAL THRESHOLD - NATIONAL GUARD PRODUCTS (NGP) 8139 X 8168N X 8144 X 8133 OR APPROVED EQUAL AT FLOOR TRANSITION.



PROJECT NORTH
KEY PLAN - DEMO

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MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
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HOMER BRINK ELEMENTARY SCHOOL

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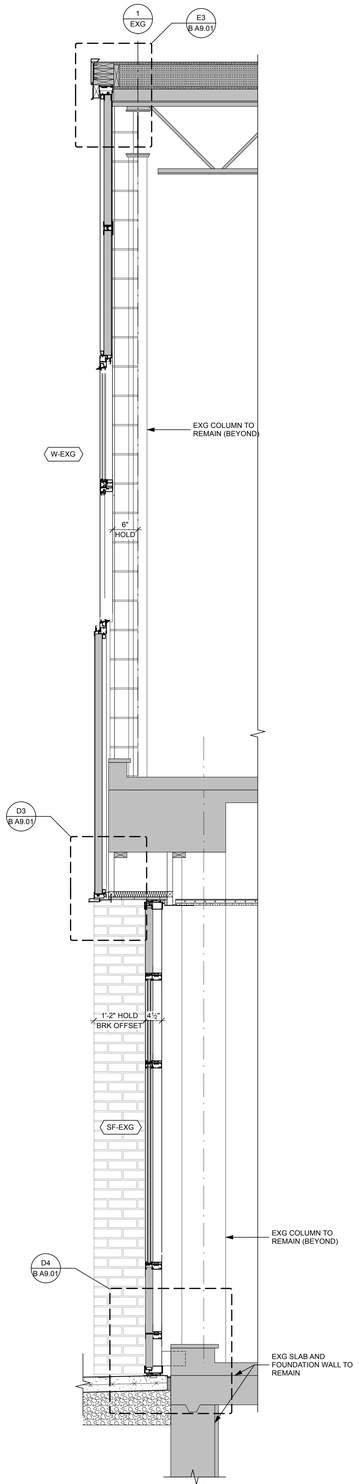
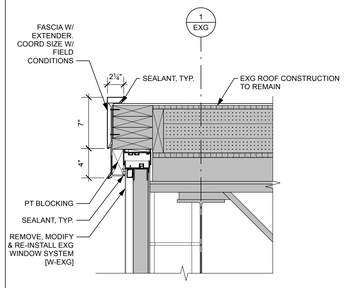
FINISH FLOOR PLAN - FIRST FLOOR

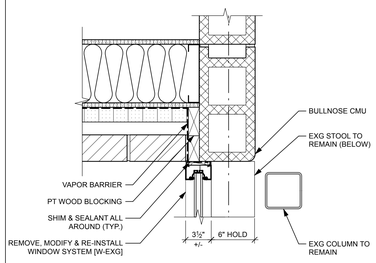
B A6.03



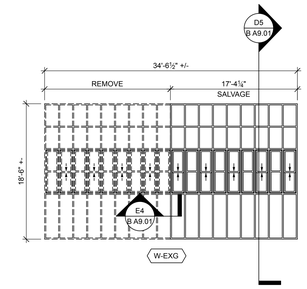
B2 B A9.01 SECTION @ ST-1 RE-INSTALL SF-EXG & W-EXG
Scale: 3/4" = 1'-0"

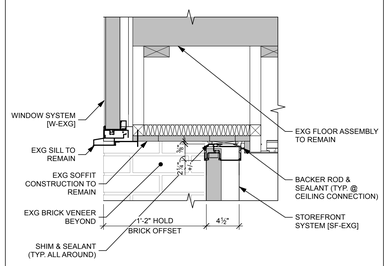


E3 B A9.01 ROOF EDGE @ RE-INSTALLED W-EXG
Scale: 1 1/2" = 1'-0"

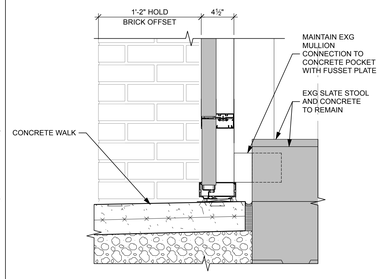


E4 B A9.01 JAMB @ RE-INSTALLED W-EXG
Scale: 1 1/2" = 1'-0"

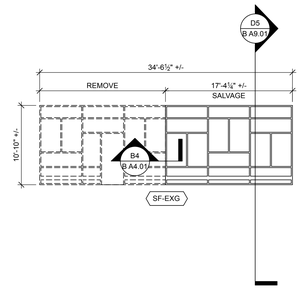




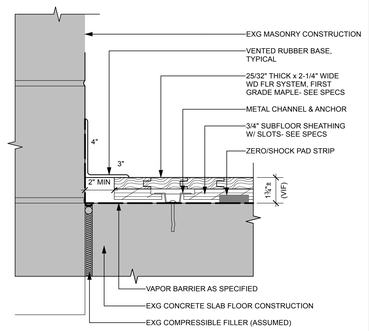
D3 B A9.01 SOFFIT/HEAD @ RE-INSTALLED SF-EXG
Scale: 1 1/2" = 1'-0"



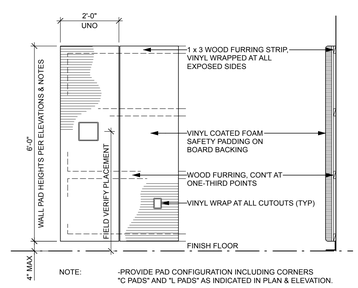
D4 B A9.01 SILL @ REINSTALLED SF-EXG
Scale: 1 1/2" = 1'-0"



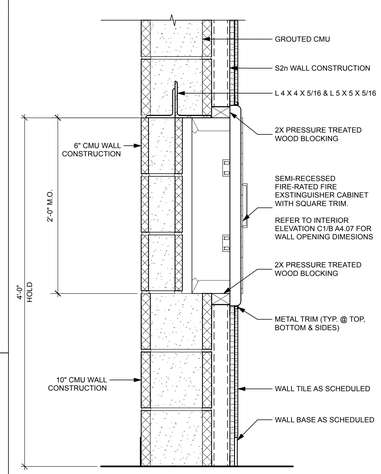
D5 B A9.01 ST-1 - EXG MODIFIED STOREFRONTS
Scale: 1/8" = 1'-0"



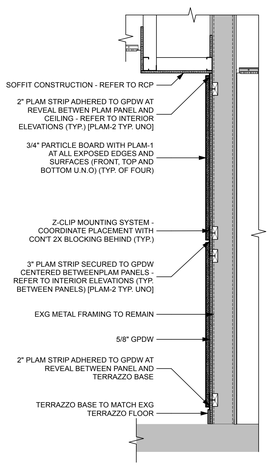
C3 B A9.01 GYM FLOOR SLAB EDGE DETAIL
Scale: 3" = 1'-0"



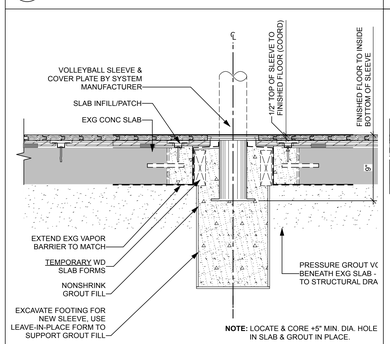
B3 B A9.01 WALL PADDING DETAIL
Scale: 1/2" = 1'-0"



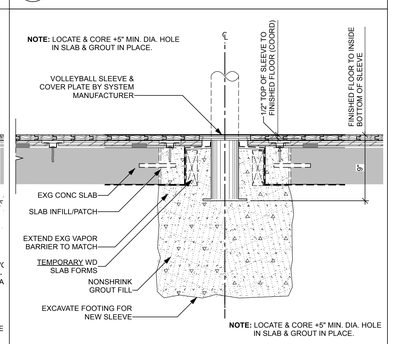
B4 B A9.01 RECESSED FIRE EXSTINGUISHER CABINET
Scale: 1 1/2" = 1'-0"



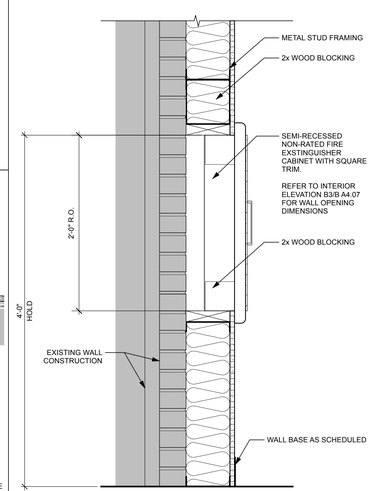
B5 B A9.01 WALL SECTION @ PLAM PANEL SYSTEM
Scale: 3/4" = 1'-0"



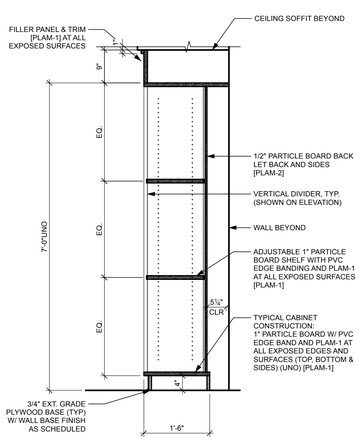
A2 B A9.01 VOLLEYBALL SLEEVE @ FLOATING SLAB
Scale: 1 1/2" = 1'-0"



A3 B A9.01 VOLLEYBALL SLEEVE @ SLAB ON GRADE
Scale: 1 1/2" = 1'-0"



A4 B A9.01 RECESSED FIRE EXSTINGUISHER CABINET
Scale: 1 1/2" = 1'-0"



A5 B A9.01 CASEWORK DETAIL @ MUSIC G17
Scale: 3/4" = 1'-0"

GENERAL CASEWORK NOTES

1. VERIFY ALL DIMENSIONS PRIOR TO FABRICATION. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
2. REFER TO SPECIFICATION "MANUFACTURED PLASTIC LAMINATE CASEWORK" FOR CASEWORK CONSTRUCTION STANDARD.
3. COORDINATE CASEWORK WITH HVAC, ELECTRICAL AND PLUMBING CONTRACTORS. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
4. PROVIDE FILLER PANELS, INCLUDING TOP FILLERS WHERE REQUIRED TO FINISH CASEWORK.
5. PROVIDE LOCKS ON ALL CASEWORK. EACH ROOM TO BE KEYED THE SAME. PROVIDE MASTER KEYS TO OWNER.

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ENDWELL, NEW YORK 13760

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DETAILS

B A9.01

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
O/C	OPEN/CLOSE
E/D	ENABLE/DISABLE
TS	TEMPERATURE SENSOR (DUCT OR PIPE)
HS	HUMIDITY SENSOR (DUCT / AHU MOUNTED)
FT	FLOW TRANSMITTER
P	STATIC PRESSURE TRANSMITTER
I/PT	ELECTRIC / PNEUMATIC TRANSDUCER
I/T	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	ASD MANUAL BYPASS
REF	REFRIGERANT DETECTOR
	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
DW	DOUBLE WALL
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
T	AIR VENT - AUTOMATIC
T	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
P	PRESSURE SWITCH
F	FLOW SWITCH
T	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
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
FAF	FORCED AIR FURNACE
F	FAN
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/EQUIPMENT
	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"⌀	FLAT OVAL DUCT IN INCHES
A"xB" DW	DOUBLE WALL RECTANGULAR DUCT IN INCHES
A"Ø DW	DOUBLE WALL ROUND DUCT IN INCHES
A"xB"⌀ DW	DOUBLE WALL FLAT OVAL DUCT IN INCHES
	ACOUSTIC / THERMAL LINING (x" L)
	FLEXIBLE DUCTWORK
	RISE IN DUCT
	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
	FIRE DAMPER
	SMOKE DAMPER
	COMBINATION FIRE / SMOKE DAMPER
	FLEXIBLE CONNECTION
	AUTOMATIC AIR DAMPER (OPPOSED BLADE)
	AUTOMATIC AIR DAMPER (PARALLEL BLADE)
	AIRFLOW DIRECTION ARROW
REGISTER TYPE / FLOW / NECK SIZE	REGISTER, GRILLE, DIFFUSER TAG R = RETURN NECK = NECK SIZE
AHU NECK SIZE	AIR TERMINAL UNIT TAG AHU = AHU TYPE NECK = NECK SIZE MAX = MAXIMUM 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 STOPPINGS 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. PROVIDE THREE DUCT DIAMETERS OF STRAIGHT DUCTWORK, SIZED EQUAL TO THE AIR TERMINAL UNIT INLET, DIRECTLY UPSTREAM OF ALL AIR TERMINAL UNITS FOR PROPER FLOW MEASURING AT FLOW SENSOR. A MINIMUM OF 1'-6" SHALL BE PROVIDED IN FRONT OF CONTROL ACCESS ENCLOSURES AT ALL TERMINAL UNITS. NO PIPING OR CONDUIT SHALL BE DIRECTLY BELOW THE AIR TERMINAL UNIT ACCESS ENCLOSURES THAT WILL PROHIBIT ACCESS UP TO THE CONTROLS ENCLOSURE. THE CONTRACTOR SHALL COORDINATE THESE REQUIREMENTS WITH ALL OTHER CONTRACTORS ON THE PROJECT. IF PROPER SERVICE ACCESS IS NOT MAINTAINED BECAUSE OF COORDINATION OR LACK THEREOF, THE CONTRACTOR SHALL RELOCATE OBSTRUCTIONS AT NO ADDITIONAL COST TO THE OWNER.

O. 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.

P. 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.

Q. COORDINATE ALL SHUT DOWNS WITH OWNER PRIOR TO CONSTRUCTION.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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SCALE: **AS NOTED**

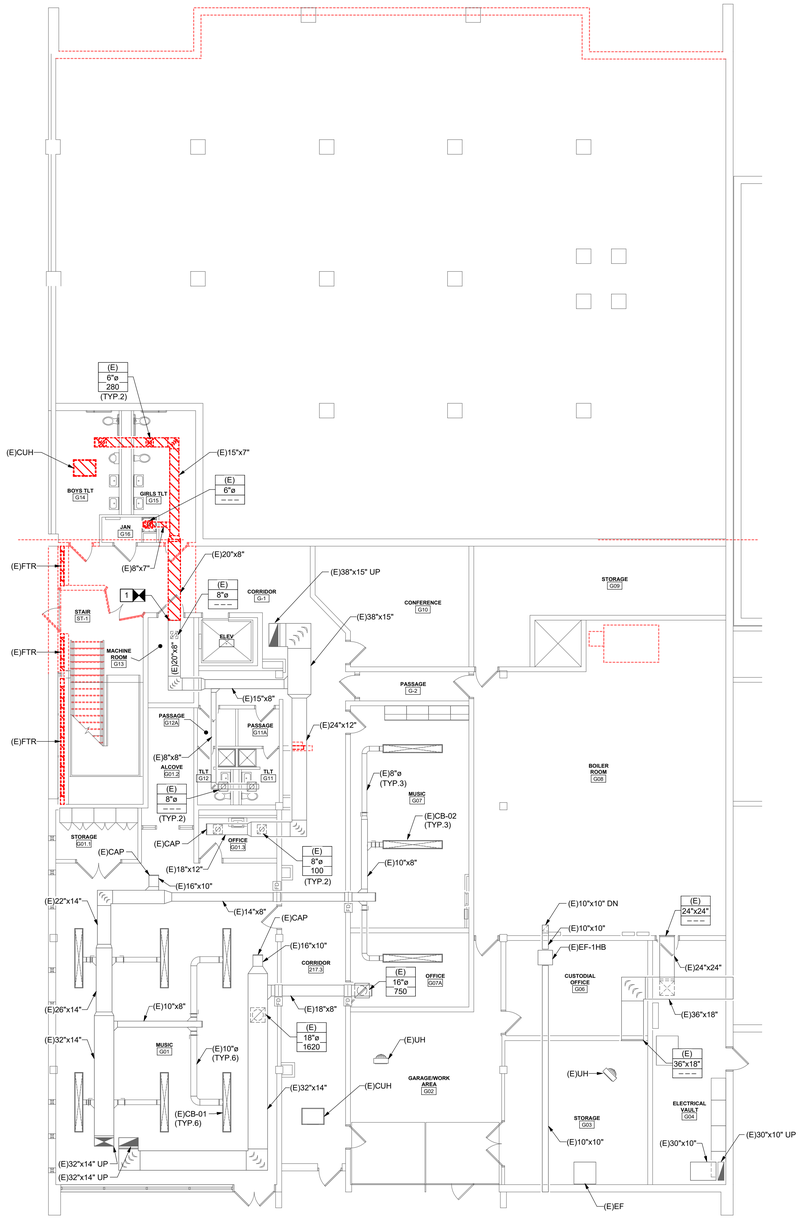
DRAWING TITLE:

GENERAL NOTES & LEGENDS - HVAC

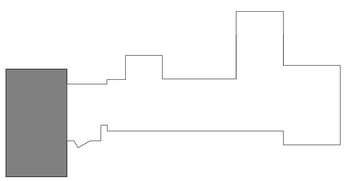
B H0.00

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.



1 GROUND FLOOR PLAN - DUCTWORK DEMOLITION
1/8" = 1'-0"



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KEY PLAN

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SCALE: **AS NOTED**

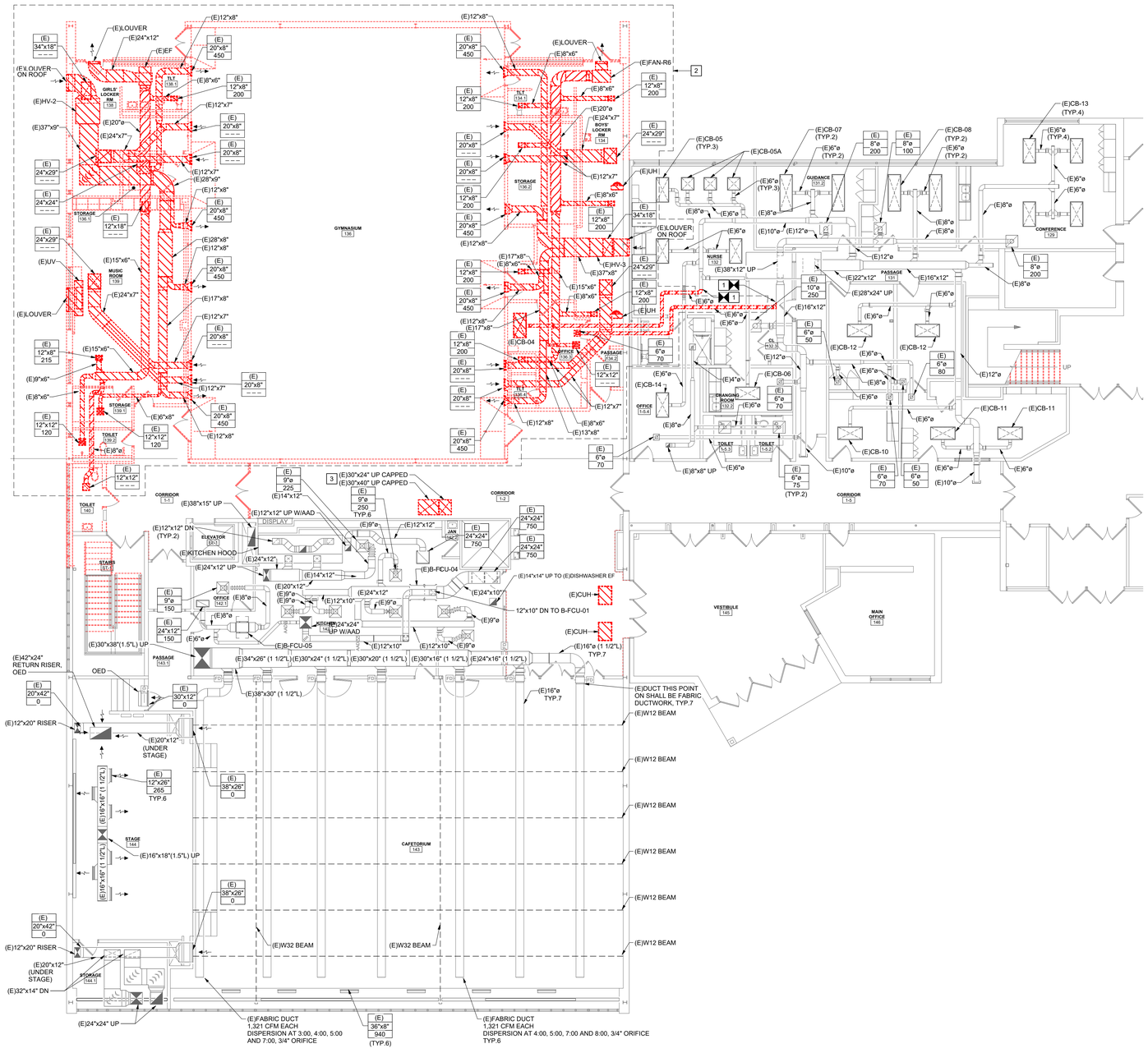
DRAWING TITLE:

GROUND FLOOR PLAN - DUCTWORK DEMOLITION

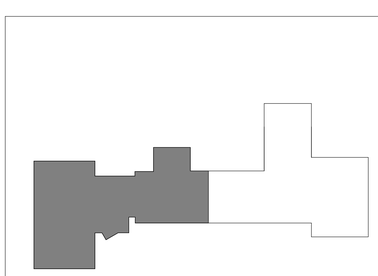
B H0.01

REMOVAL NOTES:

1. REMOVE DUCTWORK TO POINT SHOWN. PREPARE EXISTING TO REMAIN DUCTWORK FOR NEW WORK.
2. REMOVE ALL HVAC EQUIPMENT WITHIN THIS AREA, INCLUDING AIR HANDLING UNITS, EXHAUST FANS, RGD'S, DUCTWORK, LOUVERS, TEMPERATURE CONTROLS AND ASSOCIATED ACCESSORIES.
3. REMOVE ABANDONED DUCTWORK, INCLUDING DUCTWORK TO ROOF AND ASSOCIATED ROOF CURB.



1 FIRST FLOOR PLAN - DUCTWORK DEMOLITION
1/8" = 1'-0"



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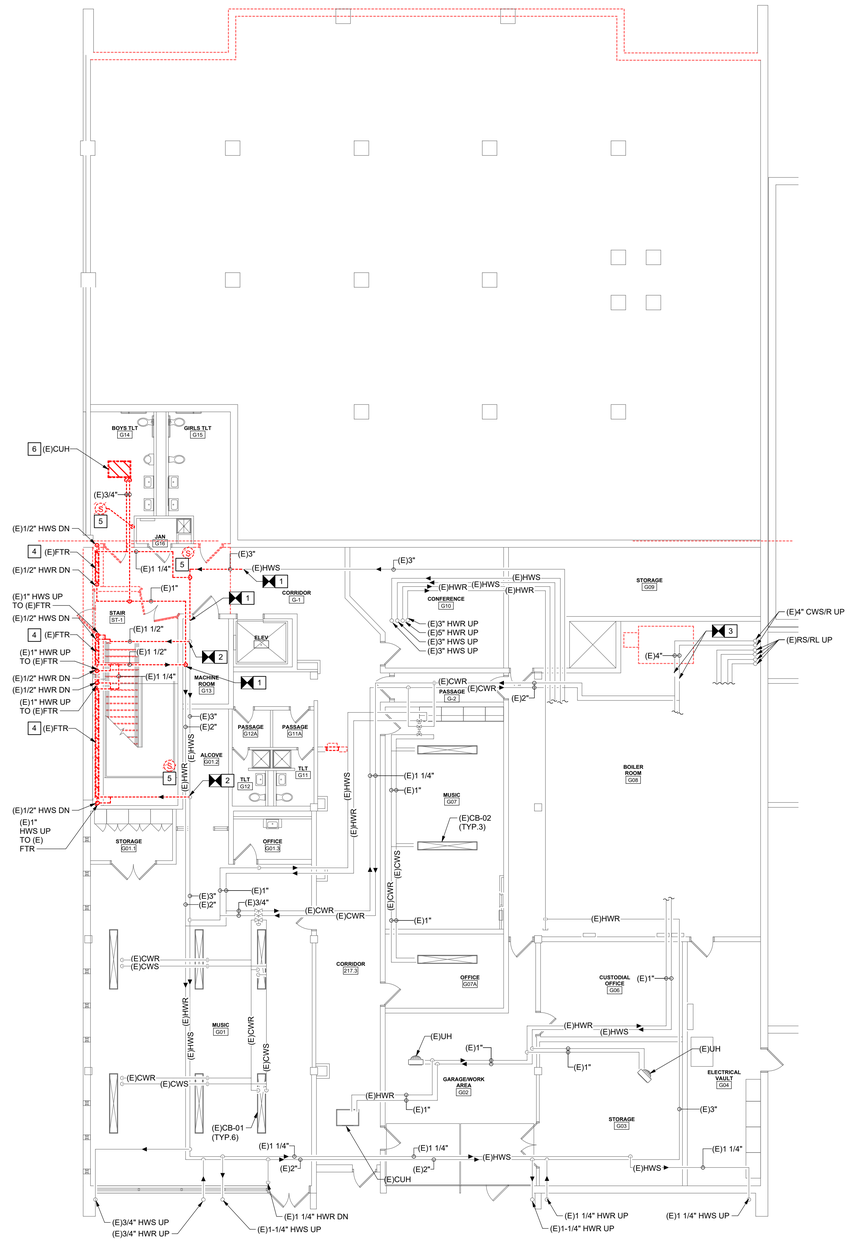
SCALE: AS NOTED
DRAWING TITLE:
FIRST FLOOR PLAN - DUCTWORK DEMOLITION

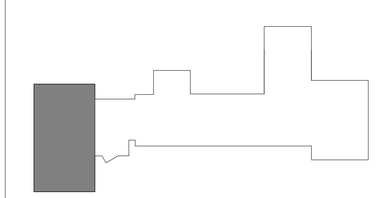
B H0.02

REMOVAL NOTES:

1. REMOVE HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
2. REMOVE HOT WATER PIPING TO POINT SHOWN AND CAP.
3. REMOVE CHILLED WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
4. REMOVE FIN TUBE RADIATION, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.
5. REMOVE SPACE TEMPERATURE SENSOR.
6. REMOVE CABINET UNIT HEATER, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.



1 GROUND FLOOR PLAN - PIPING DEMOLITION
1/8" = 1'-0"



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KEY PLAN

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DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

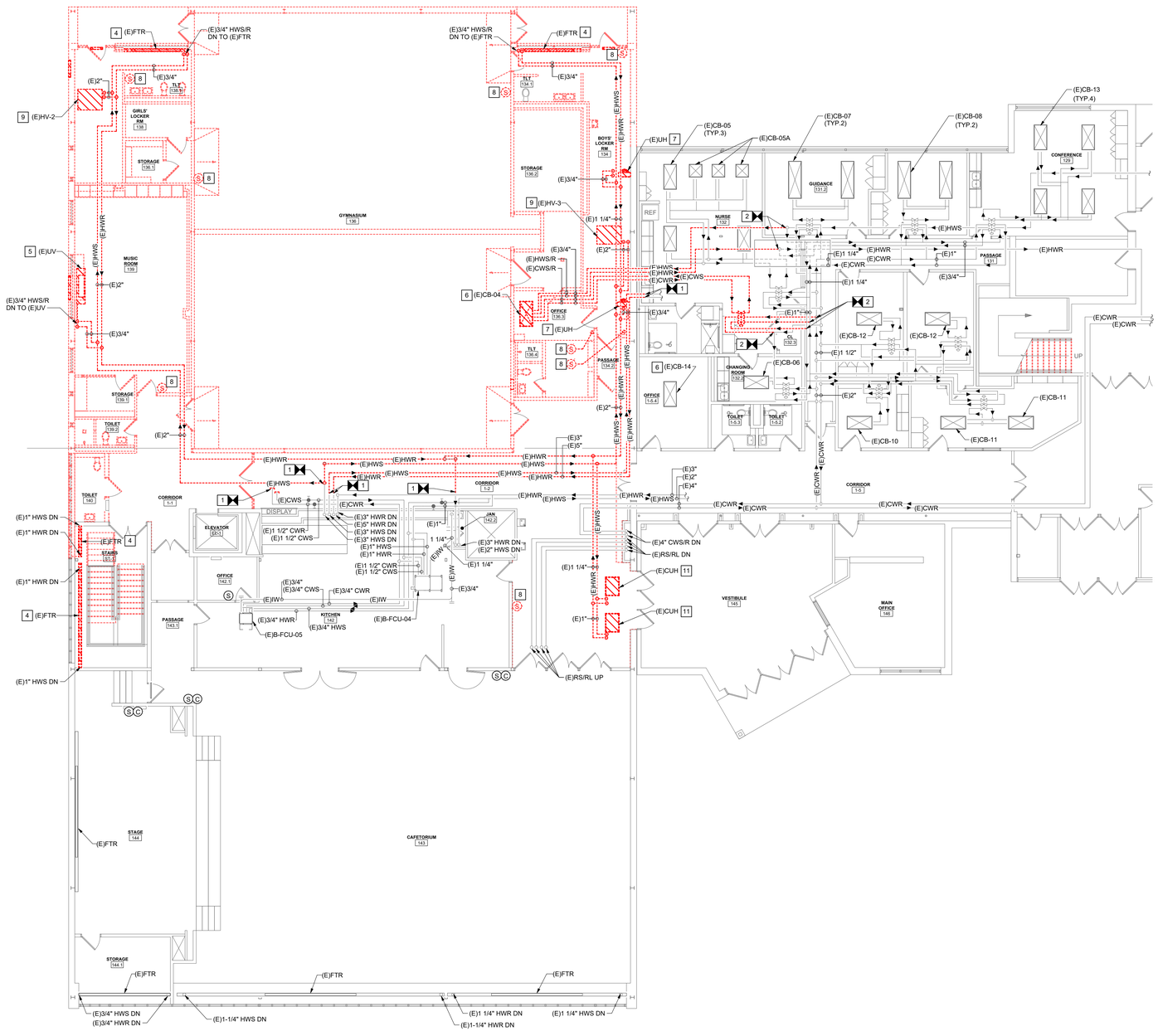
DRAWING TITLE:

GROUND FLOOR PLAN - PIPING DEMOLITION

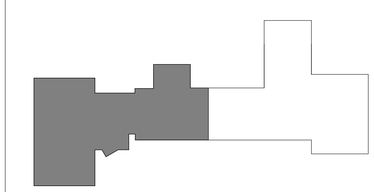
B H0.11

REMOVAL NOTES:

1. REMOVE HOT WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
2. REMOVE HOT WATER PIPING TO POINT SHOWN AND CAP.
3. REMOVE CHILLED WATER PIPING TO POINT SHOWN. PREPARE EXISTING TO REMAIN PIPING FOR NEW WORK.
4. REMOVE FIN TUBE RADIATION, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.
5. REMOVE UNIT VENTILATOR, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.
6. REMOVE CHILLED BEAM, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.
7. REMOVE UNIT HEATER, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.
8. REMOVE SENSOR AT LOCATION SHOWN.
9. REMOVE HEATING AND VENTILATING UNIT, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.
10. REMOVE CHILLED WATER PIPING CAPS. PREPARE EXISTING PIPING FOR NEW WORK.
11. REMOVE CABINET UNIT HEATER, INCLUDING ACCESSORIES AND TEMPERATURE CONTROLS.



1 FIRST FLOOR PLAN - PIPING DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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FIRST FLOOR PLAN - PIPING DEMOLITION

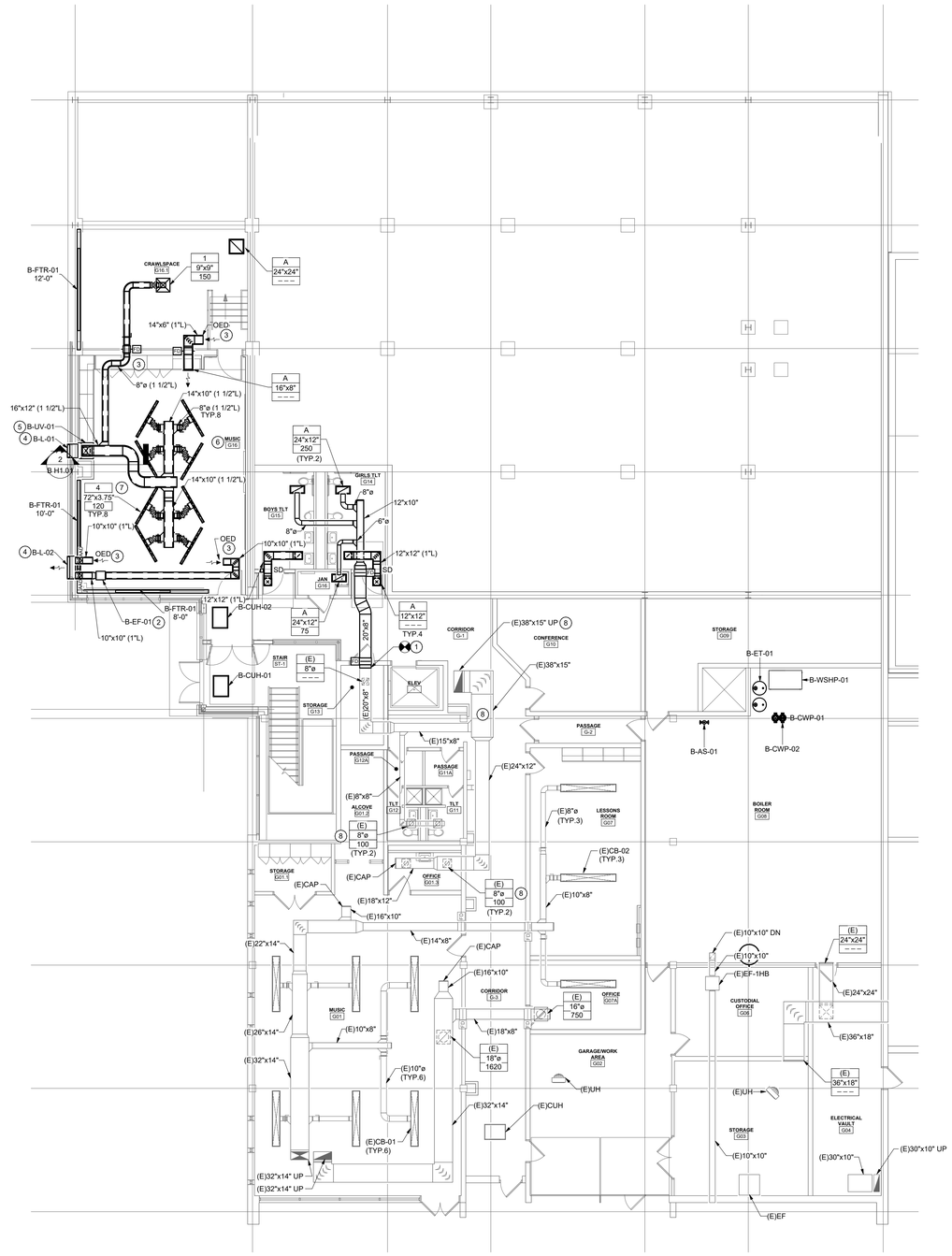
B H0.12

GENERAL SHEET NOTES:

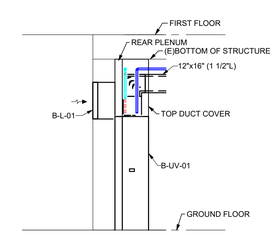
A. ALL EXPOSED DUCTWORK SHALL BE GALVANNEAL AND PAINTED. COLOR SELECTION BY ARCHITECT. PAINTING BY GC. ALL EXPOSED DUCTWORK SHALL UTILIZE AIRCRAFT CABLE TO SUPPORT DUCTWORK.

DRAWING NOTES:

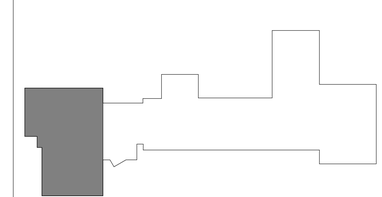
1. PROVIDE CONNECTION TO EXISTING DUCTWORK IN LOCATION SHOWN.
2. PROVIDE EXHAUST FAN IN LOCATION SHOWN.
3. PROVIDE WIRE MESH SCREEN OVER OPENING IN DUCTWORK. PROVIDE END OF DUCT WITH 90 DEGREE UP ELBOW.
4. PROVIDE LOUVER IN LOCATION SHOWN.
5. PROVIDE UNIT VENTILATOR IN LOCATION SHOWN.
6. SPACE PROVIDED WITH PARTIALLY OPEN CEILING. DUCTWORK IN THIS SPACE SHALL BE CONSIDERED EXPOSED.
7. LINEAR DIFFUSERS WITHIN THIS SPACE SHALL BE LOCATED BETWEEN CEILING SYSTEM PANELS. COORDINATE WITH GC.
8. PROVIDE BALANCING OF EXISTING GRILLES ASSOCIATED WITH THIS SYSTEM TO VALUES SHOWN.



1 GROUND FLOOR PLAN - DUCTWORK
1/8" = 1'-0"



2 B-UV-01 SECTION
1/4" = 1'-0"



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GROUND FLOOR PLAN - DUCTWORK

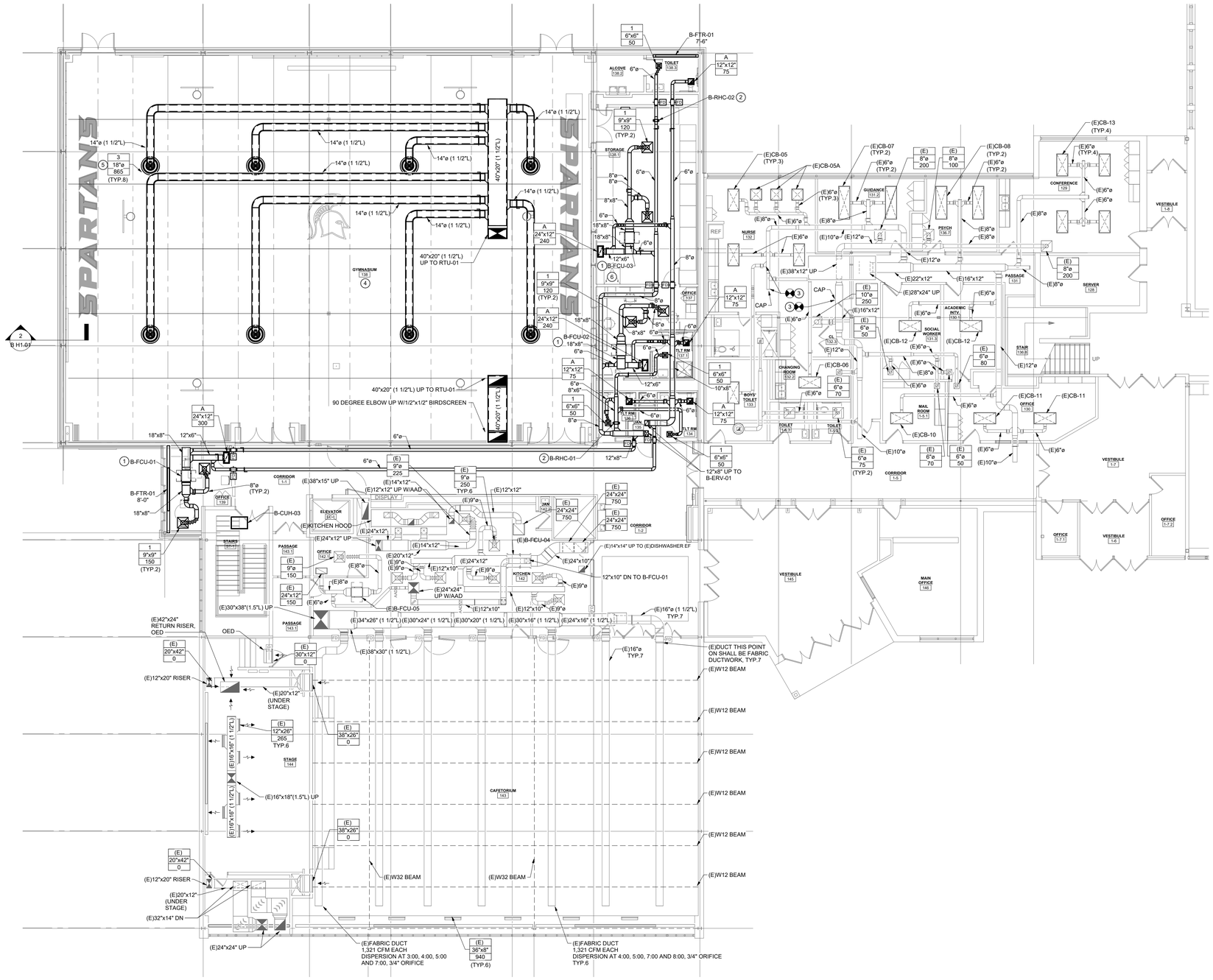
B H1.01

GENERAL SHEET NOTES:

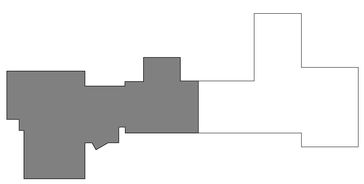
A. ALL EXPOSED DUCTWORK SHALL BE GALVANNEAL AND PAINTED. COLOR SELECTIONBY ARCHITECT. PAINTING BY GC. ALL EXPOSED DUCTWORK SHALL UTILIZE AIRCRAFT CABLE TO SUPPORT DUCTWORK.

DRAWING NOTES:

1. PROVIDE FAN COIL UNIT IN LOCATION SHOWN.
2. PROVIDE DUCT MOUNTED REHEAT COIL IN LOCATION SHOWN.
3. PROVIDE CONNECTION TO EXISTING DUCTWORK IN LOCATION SHOWN.
4. ROUTE ALL DUCTWORK IN THIS SPACE WITHIN JOIST WEBBING AND POCKETS.
5. BACK OF DIFFUSER ELEVATION SHALL BE AT SAME PLANE AS BOTTOM CORD OF SPACE JOISTS.
6. KEEP AREA CLEAR AT ROOF HATCH, +/- 18" FROM GYM WALL. COORDINATE WITH GC.



1 FIRST FLOOR PLAN - DUCTWORK
1/8" = 1'-0"



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KEY PLAN

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7956**

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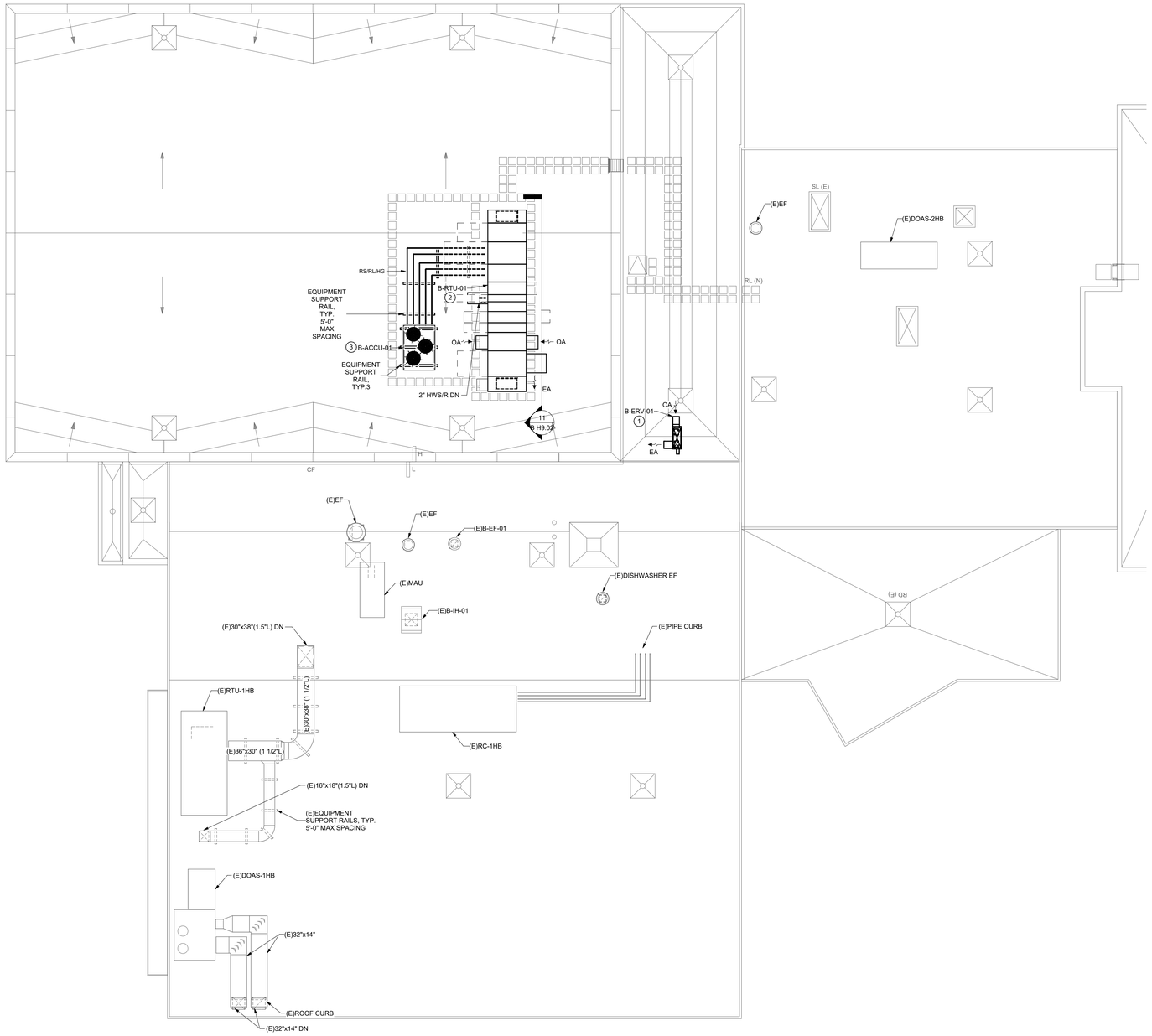
FIRST FLOOR PLAN - DUCTWORK

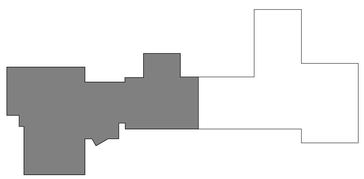
B H1.02

DRAWING NOTES:

1. PROVIDE ENERGY RECOVERY UNIT IN LOCATION SHOWN.
2. PROVIDE ROOFTOP UNIT IN LOCATION SHOWN. ROOF STRUCTURE IS SLOPED. REFER TO STRUCTURAL DRAWINGS. ROOF CURB SHALL BE PROVIDED TO MATCH ROOF STRUCTURE PITCH. USE OF SHIMS IS NOT ACCEPTABLE.
3. PROVIDE AIR COOLED CONDENSING UNIT IN LOCATION SHOWN.



1 ROOF PLAN - HVAC
1/8" = 1'-0"



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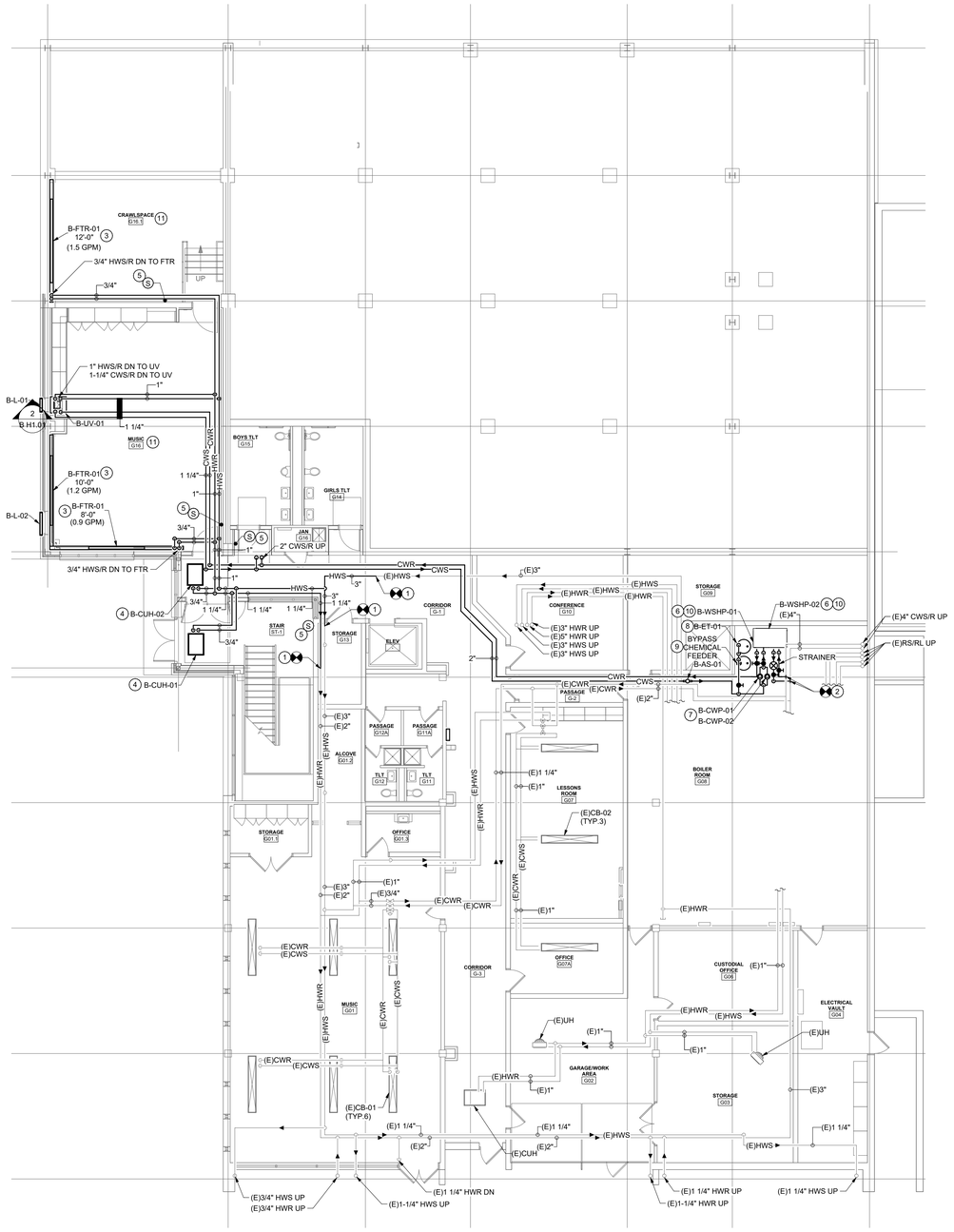
DRAWING TITLE:

ROOF PLAN - HVAC

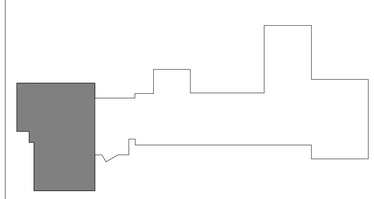
B H1.03

DRAWING NOTES:

1. PROVIDE CONNECTION TO EXISTING HOT WATER PIPING IN LOCATION SHOWN.
2. PROVIDE CONNECTION TO EXISTING CHILLED WATER PIPING IN LOCATION SHOWN.
3. PROVIDE FIN TUBE RADIATION IN LOCATION SHOWN.
4. PROVIDE CABINET UNIT HEATER IN LOCATION SHOWN.
5. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
6. PROVIDE WATER SOURCE HEAT PUMP IN LOCATION SHOWN. PROVIDE WITH EQUIPMENT PAD.
7. PROVIDE INLINE PUMPS IN LOCATION SHOWN. MOUNT +/- 72" AFF.
8. PROVIDE EXPANSION TANK IN LOCATION SHOWN. PROVIDE WITH EQUIPMENT PAD.
9. PROVIDE BYPASS CHEMICAL FEEDER IN LOCATION SHOWN. PROVIDE WITH EQUIPMENT PAD.
10. WATER SOURCE HEAT PUMPS SHALL BE PROVIDED WITH A SUPPORT STAND TO STACK B-WSHP-02 ABOVE WSHP-01.
11. ALL PIPING WITHIN THIS SPACE SHALL BE PROVIDED WITH PVC JACKETING, CUSTOM COLOR SELECTION BY ARCHITECT.



1 GROUND FLOOR PLAN - PIPING
1/8" = 1'-0"



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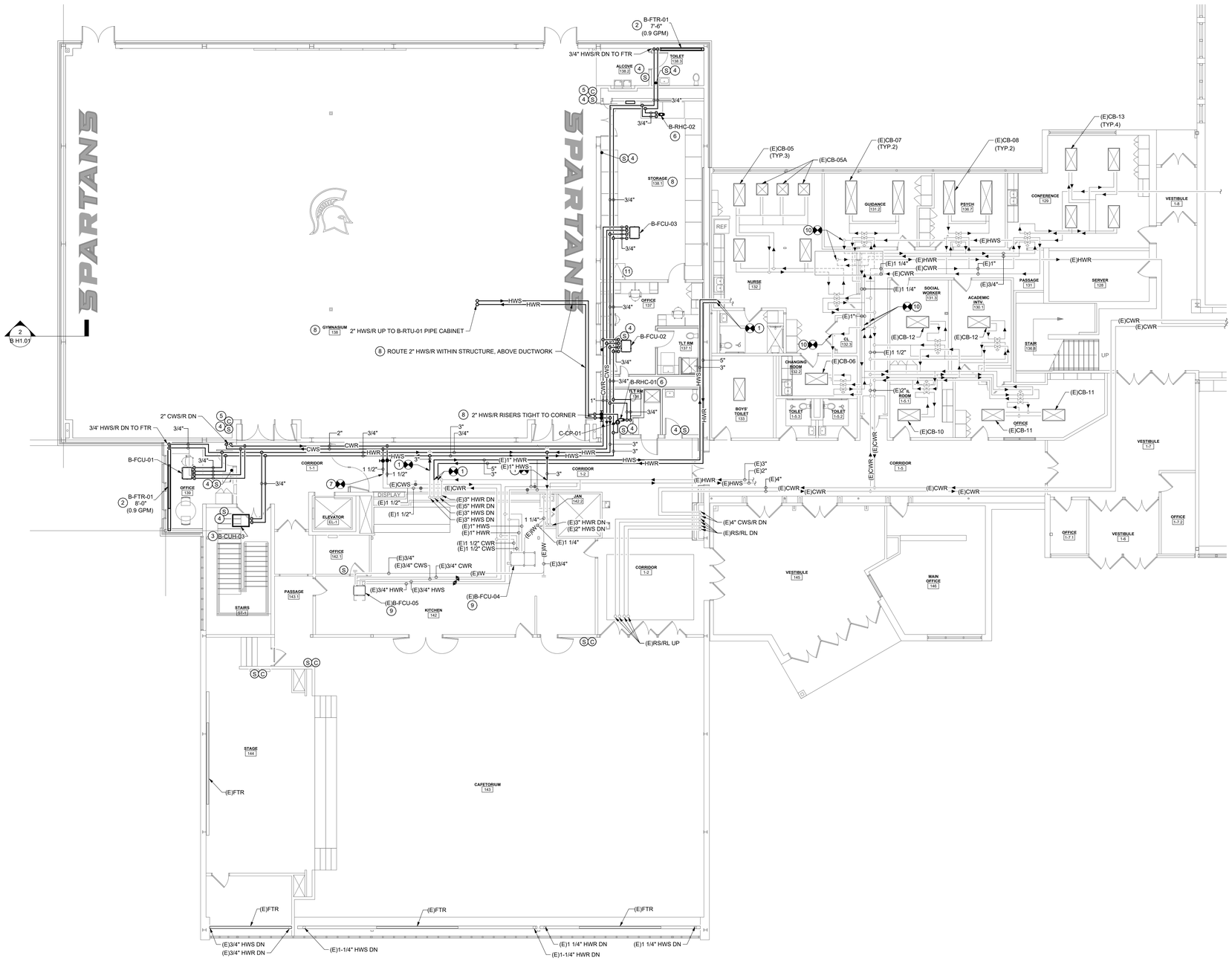
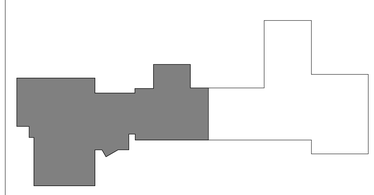


1 FIRST FLOOR PLAN - PIPING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE CONNECTION TO EXISTING HOT WATER PIPING IN LOCATION SHOWN.
2. PROVIDE FIN TUBE RADIATION IN LOCATION SHOWN.
3. PROVIDE CABINET UNIT HEATER IN LOCATION SHOWN.
4. PROVIDE SPACE SENSOR IN LOCATION SHOWN.
5. PROVIDE CARBON DIOXIDE SENSOR IN LOCATION SHOWN.
6. PROVIDE REHEAT COIL IN LOCATION SHOWN.
7. PROVIDE CONNECTION TO 1-1/2" CWS/R SERVING KITCHEN 142 EQUIPMENT.
8. ALL PIPING WITHIN THIS SPACE SHALL BE PROVIDED WITH PVC JACKETING, CUSTOM COLOR SELECTION BY ARCHITECT.
9. PROVIDE EXISTING FAN COIL UNIT WITH CONDENSATE DRAIN PAN ALARM PRIOR TO CONNECTING CHILLED WATER PIPING. REFER TO FAN COIL UNIT CONTROL DIAGRAM.
10. PROVIDE BALL VALVE AND CAP EXISTING PIPING AT POINT OF REMOVAL.
11. KEEP AREA CLEAR AT ROOF HATCH, +/- 18" FROM GYM WALL. COORDINATE WITH GC.



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KEY PLAN

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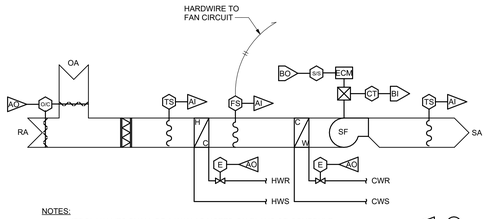


NOTES:
1. CONTROL VALVES SHALL BE 3-WAY AS NOTED ON PLANS OR SCHEDULE.

SPACE

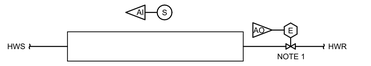
CONDENSATE ALARM

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		
CONDENSATE HIGH LEVEL ALARM	X						X		

1 FAN COIL UNIT CONTROL SCHEMATIC
NTS

SEQUENCE OF OPERATION

FAN COIL UNIT (TYP):
A. GENERAL
   a. CONSTANT VOLUME FAN COIL UNIT
   b. CHILLED WATER COOLING, HOT WATER HEATING
B. OCCUPIED OPERATION:
   a. FAN OPERATION – THE SUPPLY FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED PERIODS.
   b. MINIMUM OUTDOOR INTAKE DAMPER SHALL OPEN DURING OCCUPIED OPERATION.
   c. COOLING OPERATION.
      1. COOLING SHALL BE SUBJECT TO AN OUTDOOR AIR LOCKOUT OF 60 °F.
      2. COOLING OPERATION SHALL BE PERFORMED WITHOUT OVERLAP TO HEATING. COOLING SHALL ONLY BE PERFORMED ONCE MECHANICAL HEATING IS FULLY DISABLED.
      3. THE COOLING COIL CONTROL VALVE SHALL MODULATE TO MAINTAIN OCCUPIED COOLING SPACE TEMPERATURE SETPOINT.
   d. HEATING OPERATION
      1. HEATING OPERATION SHALL BE PERFORMED WITHOUT OVERLAP TO COOLING. HEATING SHALL ONLY BE PERFORMED ONCE MECHANICAL COOLING IS FULLY DISABLED.
      2. THE REHEAT COIL VALVE SHALL MODULATE TO MAINTAIN OCCUPIED HEATING SPACE TEMPERATURE SETPOINT.
C. UNOCCUPIED OPERATION
   a. FAN OPERATION – THE SUPPLY FAN SHALL CYCLE ON A CALL FOR UNOCCUPIED HEATING OR COOLING.
   b. UNOCCUPIED COOLING OPERATION:
      1. MINIMUM OUTDOOR AIR INTAKE DAMPER SHALL BE CLOSED.
      2. COOLING SHALL BE SUBJECT TO AN OUTDOOR AIR LOCKOUT OF 60 °F. UNIT SHALL NOT OPERATE FOR UNOCCUPIED COOLING UNLESS OUTDOOR CONDITIONS PERMIT.
      3. ONCE SPACE TEMPERATURE FALLS 2 °F BELOW UNOCCUPIED COOLING SPACE TEMPERATURE SETPOINT, COOLING AND ECONOMIZER OPERATION SHALL BE DISABLED.
   c. HEATING OPERATION
      1. HEATING OPERATION SHALL BE PERFORMED WITHOUT OVERLAP TO COOLING OPERATION. HEATING SHALL ONLY BE PERFORMED ONCE MECHANICAL COOLING IS FULLY DISABLED.
      2. THE REHEAT COIL VALVE SHALL MODULATE TO MAINTAIN UNOCCUPIED HEATING SPACE TEMPERATURE SETPOINT.
D. FIN TUBE/CONVECTOR RADIATION.
   A. REFER TO "CONVECTOR/FIN TUBE RADIATION CONTROL SCHEMATIC".
E. SHUTDOWN
   a. DURING UNOCCUPIED PERIODS WITH NO CALL FOR HEATING OR COOLING, THE SUPPLY FAN SHALL BE OFF AND DAMPER CLOSED TO OUTDOOR AIR.
   b. HEATING VALVE OPERATION –
      1. IF THE OUTDOOR AIR TEMPERATURE IS ABOVE 38 °F, THE HEATING VALVE IS CLOSED.
      2. IF THE OUTDOOR AIR TEMPERATURE IS BELOW 38 °F AND NO FREEZESTAT TRIP HAS OCCURRED, THE HEATING VALVE SHALL MODULATE TO MAINTAIN THE TEMPERATURE AT THE SENSOR DOWNSTREAM OF THE COIL AT 60 °F.
      3. ON TRIP OF THE FREEZESTAT, THE HEATING VALVE SHALL POSITION FULLY OPEN.
F. SAFETIES AND ALARM
   a. FREEZESTAT
   b. FAN FAILURE
   c. CONDENSATE HIGH ALARM
   D. LOW MIXED AIR TEMPERATURE



NOTES:
1. WHERE EXISTING CONTROL VALVE DOES NOT EXIST, ONE SHALL BE PROVIDED.

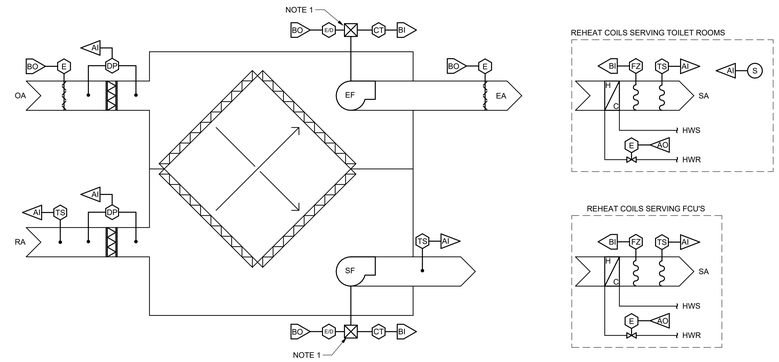
HYDRONIC RADIATION POINTS LIST	HARDWARE POINTS				SOFTWARE POINTS					NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	SCH	TREND	ALARM	
HOT WATER CONTROL VALVE				X						
SPACE TEMERATURE SENSOR			X					X	NOTE 1	

NOTES:
1. (+/-) 2°F FROM SPACE TEMPERATURE SETPOINT

2 CONVECTOR/FIN TUBE RADIATION CONTROL SCHEMATIC
NTS

SEQUENCE OF OPERATION

FIN TUBE RADIATION (HOT WATER):
A. STAND ALONE OPERATION:
   a. FIN TUBE RADIATION SHALL BE PRIMARY HEATING SOURCE WHERE SHOWN TO BE ONLY SPACE HEATING SOURCE AND NOT ASSOCIATED WITH OTHER PRIMARY EQUIPMENT.
   b. HOT WATER CONTROL VALVE SHALL MODULATE AS REQUIRED TO MAINTAIN SPACE TEMPERATURE SETPOINT.
B. ASSOCIATED WITH OTHER PRIMARY EQUIPMENT:
   a. OCCUPIED MODE: WHERE LOCAL RADIANT HEATING EQUIPMENT EXISTS IN A SPACE SERVED BY PRIMARY EQUIPMENT, THE RADIANT HEATING EQUIPMENT SHALL SERVE AS SECOND STAGE OF HEATING. ONCE THE HEATING VALVE OF THE PRIMARY SPACE EQUIPMENT IS FULLY OPENED AND FURTHER HEATING IS REQUIRED, THE RADIANT HEATING CONTROL VALVE SHALL MODULATE OPEN.
   b. UNOCCUPIED MODE: OPERATE AS INITIAL STAGE OF HEATING FOR UNOCCUPIED SETPOINT. ONCE THE FIN RADIATION HEATING VALVE IS FULLY OPENED AND FURTHER HEATING IS REQUIRED, THE PRIMARY EQUIPMENT SHALL BE ENABLED HEATING CONTROL VALVE SHALL MODULATE OPEN.
   c. SAFETIES / OTHER CONTROL FUNCTIONS
      1. SPACE TEMPERATURE LOW / HIGH LIMITS.



NOTES:
1. UNIT ENABLE OPENS OUTDOOR AIR ISOLATION DAMPER, FANS START VIA HARD WIRE INTERLOCK TO ISOLATION DAMPER END SWITCH.

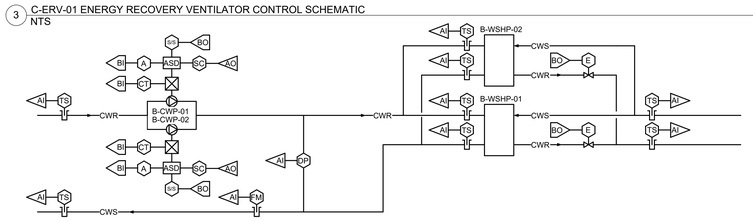
ERV CONTROL SUMMARY	HARDWARE POINTS				SOFTWARE POINTS				NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	TREND	ALARM DESCRIPTION	
RETURN AIR TEMPERATURE			X						
SPACE TEMERATURE SENSOR (AS NOTED ON PLANS)			X				X	(+/-) 2°F ABOVE SPACE TEMPERATURE SETPOINT	
ERV SUPPLY AIR TEMPERATURE			X				X		TYP. 2
HEATING COIL LEAVING AIR TEMPERATURE			X				X	<35 DEG F (ADJ.)	
ERV ENABLE/DISABLE							X	STATUS NOT EQUAL TO COMMAND	1
FREEZESTAT STATUS	X							FREEZESTAT FAN SHUTDOWN	TYP. 2
HOT WATER REHEAT CONTROL VALVE				X			X		TYP. 2
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 OA DAMPER END SWITCH.

3 C-ERV-01 ENERGY RECOVERY VENTILATOR CONTROL SCHEMATIC
NTS

SEQUENCE OF OPERATION

ENERGY RECOVERY UNIT
A. GENERAL
   a. ENERGY RECOVERY VENTILATOR WITH SUPPLY AND EXHAUST / RETURN FANS, TOTAL ENERGY CORE.
   b. MOTORIZED OUTDOOR AIR AND EXHAUST AIR ISOLATION DAMPER
   c. HOT WATER REHEAT COIL
B. OCCUPIED OPERATION
   a. FAN OPERATION – THE SUPPLY FAN AND EXHAUST FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED PERIODS.
   b. ENABLE COMMAND OPENS OUTDOOR AIR ISOLATION DAMPER EXHAUST AIR ISOLATION DAMPER, FAN MOTORS FOR SUPPLY AND EXHAUST FANS ENERGIZED BY HARD WIRE INTERLOCK TO THE OUTDOOR AIR DAMPER END SWITCH
   c. SERVING TOILET ROOMS: THE REHEAT COIL VALVE SHALL MODULATE TO MAINTAIN OCCUPIED HEATING SPACE TEMPERATURE SETPOINT.
   d. SERVING FAN COIL UNITS: THE REHEAT COIL VALVE SHALL MODULATE TO MAINTAIN SUPPLY AIR HEATING TEMPERATURE OF 65°F.
C. UNOCCUPIED OPERATION
   a. OUTDOOR AIR ISOLATION DAMPER AND EXHAUST AIR ISOLATION DAMPER COMMANDED CLOSED, FANS DISABLE BY HARD WIRE INTERLOCK.
   b. HEATING COIL:
      1. OUTDOOR AIR TEMPERATURE ABOVE 40 °F, VALVE CLOSED
      2. OUTDOOR AIR TEMPERATURE BELOW 40 °F, MODULATE TO MAINTAIN TEMPERATURE AT COIL SUPPLY AIR TEMPERATURE SENSOR AT 60 °F.
D. FILTERS:
   a. THE DIFFERENTIAL PRESSURE ACROSS THE FILTER BANKS SHALL BE MONITORED. IF THE DIFFERENTIAL PRESSURE EXCEEDS THE RECOMMENDED LOADED CONDITION FOR THE FILTERS (1.6 IN.W.G. (ADJ.) FOR THE COMBINED PREFILTER BANK AND 1.2 IN.W.G. (ADJ.) FOR THE FINAL FILTER BANK), AN ALARM SHALL BE RECORDED AT THE OPERATOR'S WORKSTATION.
E. SAFETIES AND ALARM
   a. FREEZESTAT
   b. FAN FAILURE
   c. LOW MIXED AIR TEMPERATURE



WATER SOURCE HEAT PUMP SYSTEM POINTS LIST	HARDWARE POINTS				SOFTWARE POINTS					NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	SCH	TREND	ALARM	
PUMP START/STOP		X						X		TYP. 2
PUMP STATUS	X							X	PUMP FAILURE	TYP. 2
PUMP ALARM	X				X			X	MULTISTATE VALUE	TYP. 2
PUMP SPEED COMMAND				X				X		TYP. 2
B-WSHP-01/02 ISOLATION VALVE		NOTE 3						X		TYP. 2
B-WSHP-02/02 ISOLATION VALVE		NOTE 3						X		TYP. 2
B-WSHP-01/02 STATUS	X							X		TYP. 2
B-WSHP-01/02 ALARM	X							X	UNIT FAILURE	TYP. 2
B-WSHP-01 ENABLE/DISABLED		X						X		TYP. 2
B-WSHP-01/02 CWS TEMPERATURE			X					X		TYP. 2
B-WSHP-01/02 CWR TEMPERATURE			X					X		TYP. 2
PRIMARY (CHILLER) CWS TEMPERATURE			X					X	NOTE 1	
PRIMARY (CHILLER) CWR TEMPERATURE			X					X		
SECONDARY (BUILDING) CWS TEMPERATURE			X					X		
SECONDARY (BUILDING) CWR TEMPERATURE			X					X		
SECONDARY LOOP DIFFERENTIAL PRESSURE SENSOR			X					X		
BOILER SECONDARY LOOP CONTROL SETPOINT					X			X		2
FLOW METER			X					X	NOTE 1	

NOTES:
1. 5 DEG F BELOW SETPOINT FOR 5 MINUTES
2. INTEGRATED VALUE FROM WATERSOURCE HEAT PUMP CONTROLS
3. INTERLOCK ISOLATION VALVES TO OPEN WHEN WATER SOURCE HEAT PUMP IS ENABLED. WATER SOURCE HEAT PUMP TO REMAIN OFFLINE UNTIL VALVE END SWITCH IS ENERGIZED.

5 WATER SOURCE HEAT PUMP CONTROL SCHEMATIC
NTS

SEQUENCE OF OPERATION

WATER TO WATER HEAT PUMP SYSTEM
A. GENERAL:
   1. THE CHILLED WATER SYSTEM CONSISTS OF ONE WATER SOURCE HEAT PUMP WITH TWO FULLY REDUNDANT CHILLED WATER PUMPS ARRANGED AS A VARIABLE FLOW PRIMARY SYSTEM.
   2. THE WATER SOURCE HEAT PUMP SYSTEM SHALL BE SEQUENCED AS FOLLOWS TO MAINTAIN LOOP WATER TEMPERATURE:
   3. ALL PARAMETERS SHALL BE PROGRAMMED AS ANALOG VARIABLES AND OPTIMIZED DURING SYSTEM COMMISSIONING AND SPECIFIED SEASONAL TESTING.
B. PUMP OPERATION:
   1. THE LEAD CHILLED WATER LOOP PUMP SHALL BE ENABLED TO OPERATE WHENEVER THE OUTDOOR AIR TEMPERATURE IS ABOVE THE CHILLED WATER SYSTEM LOCKOUT TEMPERATURE.
   2. ONE CHILLED WATER PUMP SHALL OPERATE TO MAINTAIN LOOP WATER PRESSURE SET POINT. THE OPERATING SEQUENCE SHALL PROVIDE AUTOMATIC FAILURE BACKUP (REDUNDANCY) AND RUN TIME EQUALIZATION ROUTINE BASED ON A USER SELECTABLE RUN HOUR ROTATION SCHEDULE. THE LOOP WATER PRESSURE SET POINT SHALL BE CONTINUOUSLY RESET AGAINST DEMAND FOR CHILLED WATER. THIS SHALL BE BASED UPON MONITORING ALL CONNECTED AIR HANDLER CHILLED WATER VALVES. IF ALL VALVES ARE LESS THAN 85% OPEN, THE LOOP WATER PRESSURE SHALL BE REDUCED 0.5 PSID EACH 5 MINUTES UNTIL AT LEAST ONE VALVE IS OVER 85% OPEN OR THE SET POINT HAS REACHED THE MINIMUM ALLOWABLE SET POINT LEVEL P1. IF ANY VALVE IS MORE THAN 95% OPEN, THE LOOP PRESSURE SHALL BE INCREMENTED UPWARD 0.5 PSID EACH 5 MINUTES UNTIL NO VALVE IS OVER 95% OPEN OR THE LOOP PRESSURE SET POINT HAS REACHED THE MAXIMUM ALLOWABLE SET POINT
C. LOOP TEMPERATURE CONTROL:
   1. THE LOOP TEMPERATURE SETPOINT SHALL BE CONTINUOUSLY RESET AGAINST OUTDOOR AIR TEMPERATURE. WHEN THE OUTDOOR AIR TEMPERAUTRE 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 45°F. ALL FOUR POINTS SHALL BE MADE AVAILABLE TO THE OPERATOR ON THE WORKSTATION FOR DYNAMIC TUNING TO BUILDING REQUIREMENTS.
   2. UNIT SHALL BE DISABLED DURING HEATING MODE.
D. WATER SOURCE HEAT PUMP SEQUENCING:
   1. THE WATER SOURCE HEAT PUMP ISOLATION CONTROL VALVE SHALL REMAIN OPEN AT ALL TIMES DURING UNIT OPERATION. WATER SOURCE HEAT PUMPS SHALL MODULATE TO MAINTAIN REQUIRED CHILLED WATER LEAVING WATER TEMPERATURE.
   2. WATER SOURCE HEAT PUMPS SHALL OPERATE AND MODULATE TO MAINTAIN LOOP TEMPERATURE SETPOINT.
   3. WHEN THE OUTDOOR AIR TEMPERATURE IS ABOVE THE CHILLED WATER SYSTEM LOCKOUT, INITIALLY 50 DEGREES, AND THE SUM TOTAL POSITION OF CONNECTED CHILLED WATER VALVES EXCEEDS 40% OPEN, THE CHILLED WATER SYSTEM SHALL BE ENABLED FOR OPERATION. THE LOOP CIRCULATION PUMPS SHALL BE ENABLED THROUGH THAT PORTION OF THIS OPERATING SEQUENCE, ONCE WATER SOURCE HEAT PUMP FLOW IS VERIFIED THROUGH MEASUREMENT OF DIFFERENTIAL PRESSURE SENSOR OVER 1.75 PSID, THE BMS SHALL ENABLE WATER SOURCE HEAT PUMP AS REQUIRED TO MAINTAIN LOOP TEMPERATURE SETPOINT.
   4. WHEN THE OUTDOOR AIR FALLS BELOW THE CHILLED WATER SYSTEM LOCKOUT TEMPERATURE OR THE SUM OF THE CONNECTED CHILLED WATER VALVES FALLS BELOW A TOTAL OF 25% OPEN, THE LEAD CHILLER SHALL BE STAGED DOWN AND DISABLED.
E. SAFETIES AND ALARM
   a. PUMP FAILURE
   b. CONDENSATE HIGH ALARM
   C. LOW OR HIGH SUPPLY WATER TEMPERATURES
   d. HIGH DIFFERENTIAL PRESSURE

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. UNLESS STATED TO THE CONTRARY, ALL HARDWARE POINTS (AI, AO, BI AND BO) SHALL BE HARDWIRED TO BMS CONTROLLERS. DATA POINTS SUCH AS ANALOG AND BINARY VARIABLES SHALL BE ACCESSED THROUGH EQUIPMENT INTEGRATION AS BACNET OBJECTS SPECIFICALLY WHERE CALLED FOR.
f. 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 ADJUSTABLE SPEED DRIVES (ASD): 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 ADJUSTABLE SPEED DRIVES: THE BMS SHALL COMMAND THE ASD "RUN ENABLE" DIGITAL INPUT. IF NO ASD OR SAFETY INTERLOCK ERRORS / LOCKOUTS ARE IN PLACE, THE ASD "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 ASD 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 ASD OPERATION OF ANY FAN SHALL INITIATE ROTATION OF THE ISOLATION DAMPERS, AND WHEN ALL DAMPERS ARE ROTATED THE SECONDARY INTERLOCK OF ALL ASD'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:
   1. 75°F (ADJ) COOLING SETPOINT
   2. 70°F (ADJ) HEATING SETPOINT
b. UNOCCUPIED MODE (NIGHT SETBACK):
   1. 85°F (ADJ) COOLING SETPOINT
   2. 55°F (ADJ) HEATING SETPOINT

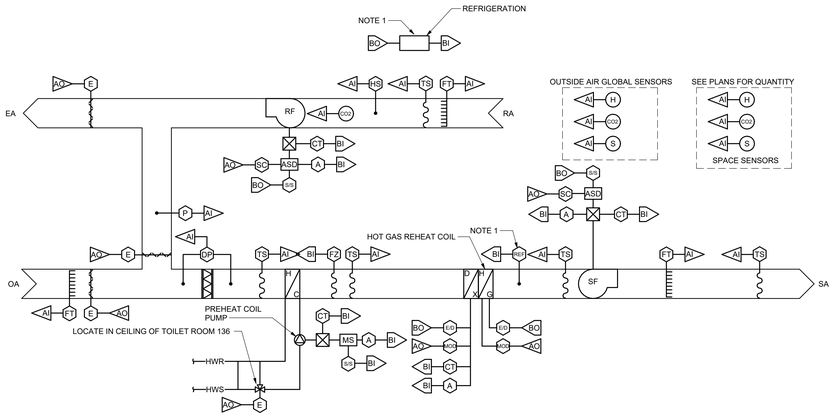
LEAVING AIR TEMPERATURE RESET CALCULATION (SINGLE ZONE SYSTEMS):
a. THE DISCHARGE AIR TEMPERATURE SET POINT SHALL BE CONTINUOUSLY RESET BASED ON A PI LOOP COMPARING SPACE TEMPERATURE AGAINST THE HEATING AND COOLING SPACE TEMPERATURE SET POINTS.
   1. WHENEVER THE SPACE TEMPERATURE IS BETWEEN THE HEATING 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) ASD 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 ^{o}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 ^{o}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 ^{o}F OF COOLING SPACE TEMPERATURE SETPOINT, UNIT OPERATION SHALL SWITCH TO OCCUPIED MODE OPERATION.

HVAC EQUIPMENT CONTAINING REFRIGERANT:
A. ALL PACKAGED ROOFTOP UNITS AND AIR HANDLING EQUIPMENT UTILIZING A2L REFRIGERANTS SHALL BE PROVIDED WITH REFRIGERANT LEAK DETECTION / SAFETY CONTROLS BY THE UNIT MANUFACTURER.
B. UPON TRIGGERING OF REFRIGERANT LEAK DETECTION / SAFETY CONTROLS, THE FOLLOWING SHALL BE INITIATED WITHIN 15 SECONDS AND SHALL BE MAINTAINED FOR AT LEAST 5 MINUTES AFTER THE ALARM SIGNAL HAS RESET:
   1. EQUIPMENT SHALL BE PLACED INTO OCCUPIED OPERATION. OUTDOOR AIR INTAKE RATE SHALL BE NOT LESS THAN SCHEDULED VALUES. DX SHALL BE DISABLED.
   2. AIR TERMINAL UNITS SHALL BE COMMANDED TO MAXIMUM SCHEDULED AIR FLOW VALUE. WHERE SEPARATE VALUES ARE SCHEDULED FOR HEATING AND COOLING, THE LARGER VALUE SHALL BE USED.
   3. WHERE ZONE ISOLATION DAMPERS ARE INSTALLED, THESE SHALL BE OPENED FULLY.
   4. VARIABLE VOLUME SINGLE ZONE SYSTEMS SHALL OPERATE AT SCHEDULED MAXIMUM CFM.
   5. ELECTRIC RESISTANCE HEAT, BOTH WITHIN THE EQUIPMENT AND TERMINAL UNITS, SHALL BE DISABLED.
   6. WHERE SAFETY SHUTOFF VALVES ARE INSTALLED FOR REDUCTION OF RELEASABLE REFRIGERANT CHARGE, THESE SHALL BE DISABLED.
   7. DE-ENERGIZE POTENTIAL IGNITION SOURCES, INCLUDING OPEN FLAMES AND UNCLASSIFIED ELECTRICAL SOURCES OF IGNITION WITH APPARENT POWER RATING GREATER THAN 1KVA.
C. THE PACKAGED REFRIGERANT CONTROLS SHALL INCLUDE ALL NECESSARY COMPONENTS, SENSORS AND EQUIPMENT INTERFACE REQUIRED TO COMPLY WITH 2022 ASHRAE 15, SAFETY STANDARD FOR REFRIGERATION SYSTEMS AS A PRE-TESTED, FACTORY INSTALLED SYSTEM.
D. ALL ALARMS/CONTACTS INCLUDED WITHIN MANUFACTURER PROVIDED REFRIGERANT LEAK DETECTION AND / OR SAFETY CONTROLS AVAILABLE FOR MONITORING BY THE BMS SHALL BE INTEGRATED AND PROVIDE ALARMS/EMERGENCY NOTIFICATIONS AT THE OPERATOR 'S WORKSTATION.
E. REFER T



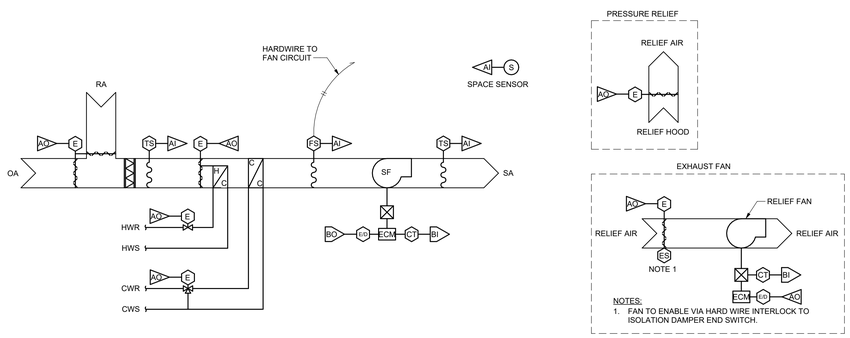
AIR HANDLING UNIT CONTROL POINTS LIST	HARDWARE POINTS				SOFTWARE POINTS				NOTES
POINT NAME	BI	BO	AI	AO	AV	BV	TREND	ALARM	
SPACE TEMPERATURE			X						TYP.2
SPACE CO2 SENSOR			X						TYP.2
SPACE HUMIDITY SENSOR			X						TYP.2
OUTSIDE TEMPERATURE			X						TYP.2
OUTSIDE CO2 SENSOR			X						TYP.2
OUTSIDE HUMIDITY SENSOR			X						TYP.2
RETURN AIR HUMIDITY SENSOR			X						
RETURN AIRFLOW STATION			X				X		
RETURN AIR CO2 SENSOR			X						
RETURN FAN ENABLE/DISABLE		X					X		
RETURN FAN STATUS	X						X	MOTOR FAILURE	
RETURN FAN SPEED COMMAND				X			X		
RETURN FAN ALARM	X							VARIABLE SPEED DRIVE FAILURE	
RETURN STATIC PRESSURE			X						
SUPPLY FAN ENABLE/DISABLE		X					X		
SUPPLY FAN STATUS	X						X	MOTOR FAILURE	
SUPPLY FAN SPEED COMMAND				X			X		
SUPPLY FAN ASD ALARM	X							ADJUSTABLE SPEED DRIVE FAILURE	
RELIEF AIR DAMPER				X			X		
RETURN AIR DAMPER				X			X		
HEATING COIL CONTROL VALVE				X			X		
PUMP START/STOP		X					X		TYP. 3
PUMP ALARM	X							ECM FAILURE	TYP. 3
PUMP STATUS	X						X		TYP. 3
OUTSIDE AIRFLOW STATION			X				X		
OUTSIDE AIR DAMPER				X			X		
FILTER DIFFERENTIAL PRESSURE			X				X		1
RETURN AIR TEMPERATURE			X				X		
MIXED AIR TEMPERATURE			X				X		
FREEZE STAT STATUS	X						X	FREEZE STAT FAN SHUTDOWN	
HEATING COIL LEAVING AIR TEMPERATURE			X				X		
COOLING COIL LEAVING AIR TEMPERATURE			X				X		
SUPPLY AIRFLOW STATION			X				X		
CONDENSING UNIT ENABLE/DISABLE (PER STAGE)							X		
CONDENSING UNIT STATUS		X					X	STATUS NOT EQUAL TO COMMAND	
CONDENSING UNIT ALARM STATUS					X			ALARM STATE	BACNET MULTISTATE VALUE
COMPRESSOR STATUS (PER COMPRESSOR)	X						X	STATUS NOT EQUAL TO COMMAND	
CONDENSING UNIT CAPACITY CONTROL				X			X		
HOT GAS REHEAT ENABLE/DISABLE		X							
HOT GAS REHEAT CONTROL				X			X		
REFRIGERANT LEAK DETECTOR ALARM	X							REFRIGERANT LEAK	REFER TO COMMON ELEMENTS.
REFRIGERANT LEAK DETECTOR FAILED SENSOR ALARM	X							FAILED SENSOR	1

NOTES:
1. REFRIGERANT LEAK DETECTION CONTROL PANEL SHALL COME FACTORY INSTALLED BY THE UNIT MANUFACTURER FOR INTEGRATION INTO THE BMS.

1 C-AHU-02 AIR HANDLING UNIT CONTROL SCHEMATIC
NTS

SEQUENCE OF OPERATION

A. GENERAL
   a. VARIABLE VOLUME AIR HANDLING UNIT WITH SUPPLY FAN(S), RETURN FAN(S), DX COOLING AND HOT WATER HEATING COIL.
   b. OUTDOOR AND RETURN AIR ISOLATION DAMPERS. REFER TO COMMON ELEMENTS FOR INTERLOCK REQUIREMENTS. INTERLOCKS TO BE WIRED SUCH THAT ENTIRE UNIT REMAINS DISABLED UNTIL BOTH ISOLATION DAMPERS PROVE OPEN.
   c. ECONOMIZER (OUTDOOR AIR, RETURN AIR AND RELIEF AIR DAMPERS, INDIVIDUAL CONTROL).
   d. DEMAND CONTROL VENTILATION (DCV): REFER TO COMMON ELEMENTS.
B. SYSTEM STARTUP AND SHUTDOWN:
   a. UNIT STARTUP AND SHUTDOWN SHALL BE OPTIMIZED BY THE BMS. REFER TO COMMON ELEMENTS
C. 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 , SUBJECT TO ECONOMIZER AND DEMAND CONTROL VENTILATION.
D. OCCUPIED CYCLE:
   a. SUPPLY AND RETURN FANS: ENABLED, ISOLATION DAMPERS OPERATE PER INTERLOCK TO ASD `S.
   b. THE ASD`S OF THE SUPPLY AND RETURN FAN(S) SHALL START FULLY UNLOADED, SHALL LOAD SLOWLY OVER AN ADJUSTABLE TIME PERIOD AND SHALL BE QUICK TO UNLOAD UPON SHUTDOWN
   c. ASD OF THE SUPPLY FAN(S): UNDER CONTROL, TO CALCULATED DUCT STATIC PRESSURE SETPOINT.
   d. ASD OF THE RETURN FAN(S): UNDER CONTROL, TRACKING SUPPLY FAN AIR FLOW READING BY A FIXED CFM DIFFERENTIAL, INITIAL VALUE OF 400CFM, SUBJECT TO TAB AND COMMISSIONING VERIFICATION
   e. HEATING AND DX COOLING COIL OPERATION:
      1. HEATING COOLING AND ECONOMIZER SHALL MODULATE TO MAINTAIN CALCULATED UNIT SUPPLY TEMPERATURE SETPOINT AS MEASURED BY THE TEMPERATURE SENSOR LOCATED AT DISCHARGE OF THE COOLING COIL. HEATING SHALL OPERATE WITHOUT OVERLAP WITH COOLING OR ECONOMIZER.
      2. COOLING SHALL BE PERMITTED IN CONJUNCTION WITH ECONOMIZER AS “TRIM CAPACITY” TO MAINTAIN CALCULATED UNIT SUPPLY TEMPERATURE SETPOINT DURING PERIODS WHEN ECONOMIZER ALONE IS INSUFFICIENT.
      3. HEATING CONTROL LOCKOUT – AVAILABLE BELOW 40°F OUTDOOR LOCKOUT, ELSE CLOSED.
      4. DX COOLING LOCKOUT – AVAILABLE ABOVE 55°F OUTDOOR LOCKOUT, ELSE CLOSED.
   f. PREHEAT COIL PUMP CONTROL:
      a. THE HEATING COIL PUMP SHALL OPERATE CONTINUOUSLY WHENEVER THERE IS A CALL FOR HEAT AND ANY TIME THE OUTDOOR AIR TEMPERATURE IS BELOW 35 °F.
   g. DEHUMIDIFICATION CYCLE:
      1. WHENEVER THE SPACE HUMIDITY FALLS BELOW 55%, THE DX SHALL OPERATE PER THE COOLING OPERATION PARAGRAPH OF THIS SEQUENCE.
      2. 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.
   h. DAMPER OPERATION – OCCUPIED MODE:
      1. MINIMUM OUTDOOR AIR CONTROL MODE – WHEN ECONOMIZER COOLING IS NOT AVAILABLE OR IS OTHERWISE DISABLED, THE RETURN AND OUTDOOR AIR DAMPERS (“ECONOMIZER) SHALL MODULATE TO MAINTAIN / CONTROL THE SCHEDULED MINIMUM OUTDOOR AIR INTAKE RATE.
      2. ECONOMIZER CONTROL MODE – WHEN AVAILABLE BASED ON OUTDOOR AIR TEMPERATURE MORE THAN 4 °F COOLER THAN RETURN AIR TEMPERATURE, PROVIDES COOLING FOR CONTROL OF CALCULATED UNIT SUPPLY AIR TEMPERATURE SUBJECT TO A MINIMUM MIXED AIR TEMPERATURE OF 50°F. AT NO POINT SHALL ECONOMIZER OPERATION PROVIDE LESS THAN THE SCHEDULED / CALCULATED OUTDOOR AIR INTAKE RATE.
      3. RELIEF AIR DAMPER SHALL TRACK AND CONTROL TO PROVIDE AIR PRESSURE RELIEF AT SENSOR LOCATED AHEAD OF THE RELIEF AIR DAMPER. INITIAL SETPOINT +0.2 ”WC. SENSOR SHALL BE BI-DIRECTIONAL +/- 0.5”WC.
E. UNOCCUPIED (SHUTDOWN) CYCLE – WHEN SCHEDULED OFF OR TRIGGERED BY A SAFETY DEVICE
   a. SUPPLY AND RETURN FAN(S): OFF. ISOLATION DAMPERS CLOSED PER INTERLOCK TO ASD `S.
   b. ASD`S OF THE SUPPLY AND RETURN FAN(S) UNLOAD COMPLETELY.
   c. OUTSIDE AIR DAMPER: CLOSED
   d. RETURN AIR DAMPER: OPEN
   e. RELIEF AIR DAMPER: CLOSED
   f. DX COOLING COIL CONTROL VALVE: DISABLED
   g. HOT WATER COIL:
      1. NORMAL SHUTDOWN - CONTROL VALVE OPEN TO THE COIL TO PREVENT FREEZE, CONTROL TO MAINTAIN ALL SENSORS READINGS WITHIN AHU CASING ABOVE 50°F WHEN OUTDOOR AIR CONDITIONS ARE BELOW 40 °F, ELSE SHUT CONTROL VALVE
      2. SAFETY SHUTDOWN – HOT WATER VALVE FULLY OPEN
F. UNOCCUPIED CYCLE – NIGHT SETBACK
   a. UNOCCUPIED OPERATION SHALL BE TRIGGERED BY ANY ZONE MORE THAN 2 °F BELOW UNOCCUPIED HEATING TEMPERATURE SETPOINT.
   b. SUPPLY AND RETURN FANS: ENABLED, ISOLATION DAMPERS OPERATE PER INTERLOCK TO ASD `S.
   c. OA DAMPER AND RELIEF DAMPER SHALL REMAIN CLOSED, RETURN AIR DAMPER OPEN. RETURN FAN TRACKS SUPPLY AT FIXED FAN SPEED MULTIPLIER, INITIAL VALUE OF 0.9. DUCT STATIC SETPOINT MID POINT BETWEEN MAX AND MIN RESET LEVELS.
   d. THE UNIT SHALL RETURN TO SHUTDOWN MODE WHEN ALL ZONES RETURN TO 2.0 °F ABOVE UNOCCUPIED TEMPERATURE SETPOINT.
G. UNOCCUPIED CYCLE – NIGHT COOLING MODE
   a. SUPPLY AND RETURN FANS: ENABLED, ISOLATION DAMPERS OPERATE PER INTERLOCK TO ASD `S.
   b. UNOCCUPIED OPERATION SHALL BE TRIGGERED BY ANY ZONE MORE THAN 2 °F ABOVE UNOCCUPIED COOLING TEMPERATURE SETPOINT.
   c. SUPPLY AND RETURN FANS ENABLED, RETURN FAN TRACKS SUPPLY AT FIXED FAN SPEED MULTIPLIER, INITIAL VALUE OF 0.9. DUCT STATIC SETPOINT MID POINT BETWEEN MAX AND MIN RESET LEVELS.
   d. ECONOMIZER OPERATION NOT AVAILABLE – OA DAMPER AND RELIEF DAMPER SHALL REMAIN CLOSED. RETURN AIR DAMPER OPEN. COOLING “FLAG” FORWARDED TO CHILLER CONTROL SEQUENCE TO ENABLE PLANT. ONCE CHILLED WATER AVAILABLE IN SYSTEM, FANS ENABLED AND UNIT OPERATES AT 55°F LEAVING AIR TEMPERATURE SETPOINT.
   e. ECONOMIZER OPERATION AVAILABLE – OUTDOOR AIR AND RETURN AIR MODULATE TO MAINTAIN LEAVING AIR TEMPERATURE SETPOINT OF 55 °F, MINIMUM OA INTAKE RATE OF ZERO. RELIEF DAMPER AS PER OCCUPIED MODE.
   f. THE UNIT SHALL RETURN TO SHUTDOWN MODE WHEN ALL ZONES RETURN TO WITHIN 2.0 °F BELOW UNOCCUPIED TEMPERATURE SETPOINT.
H. CALCULATED UNIT SUPPLY TEMPERATURE SETPOINT
   a. DISCHARGE AIR TEMPERATURE SHALL BE AS MEASURED BY AN AVERAGING SENSOR PLACED AT THE DOWNSTREAM SIDE OF THE DX COOLING COIL. THIS IS FOR ALL OPERATING MODES – ECONOMIZER, MECHANICAL COOLING AND PREHEAT HEATING.
   b. AS THE OUTDOOR AIR TEMPERATURE FALLS FROM 75 °F TO 0°F, AN ANALOG VALUE T1 IS CALCULATED, RANGING FROM 54 DEGREES TO 62 °F.
   c. AS THE RETURN AIR HUMIDITY RISES FROM 50% TO 60%, AN ANALOG VALUE T2 IS CALCULATED, RANGING FROM 62 DEGREES TO 54 °F.
   d. THE LESSER VALUE OF T1 OR T2 IS FED FORWARD AS THE CONTROL SETPOINT FOR THE AIR HANDLER CALCULATED UNIT SUPPLY TEMPERATURE SETPOINT.
I. CALCULATED DUCT PRESSURE SETPOINT
   a. ON INITIAL STARTUP, THE SUPPLY FAN CONTROL SETPOINT SHALL BE MID POINT BETWEEN MINIMUM AND MAXIMUM ALLOWABLE RESET VALUES.
   b. THE DDC SYSTEM SHALL MONITOR THE DAMPER POSITION AT THE AIR TERMINAL UNITS. IF ANY AIR TERMINAL UNIT DAMPER IS GREATER THAN 90% (ADJ.) OPEN, THE DUCT STATIC PRESSURE SETPOINT SHALL INCREMENTALLY INCREASED (INITIAL VALUE 0.1 ”WC / MINUTE) UNTIL NO AIR TERMINAL UNIT DAMPER IS GREATER THAN 90% (ADJ.) OPEN OR A MAXIMUM STATIC PRESSURE SETPOINT OF 2.0 ”WC IS REACHED (SUBJECT TO TAB VERIFICATION). IF ALL AIR TERMINAL UNIT DAMPERS ARE BELOW 80% (ADJ.) OPEN, THE REMOTE STATIC PRESSURE SETPOINT SHALL INCREMENTALLY DECREASED (INITIAL VALUE 0.1 ”WC / MINUTE) OR A MINIMUM STATIC PRESSURE OF 0.5 ”WC IS REACHED.
   c. THE HIGH STATIC PRESSURE SWITCH DOWNSTREAM OF THE SUPPLY FAN (4 ”WC) AND LOW STATIC PRESSURE SWITCH UPSTREAM OF THE RETURN FAN (3 ”WC) SHALL STOP THE SUPPLY AND RETURN AIR FANS BY HARD WIRE INTERLOCK. IF THE RELIEF AIR STATIC PRESSURE SENSOR EXCEEDS A STATIC PRESSURE OF +/- 2.0 ”WC (SOFTWARE INTERLOCK), THE SYSTEM SHALL STOP THE SUPPLY AND RETURN FANS.
J. LOW OUTSIDE AIR TEMPERATURE AHU START-UP:
   a. WHEN OUTSIDE AIR TEMPERATURES ARE BELOW 32 °F (ADJ):
      1. OPEN HEATING VALVE TO FIXED POSITION, INITIALLY 100% OPEN.
      2. SUPPLY AND RETURN FANS: RAMP TO FIXED SPEED, TBD DURING SYSTEM STARTUP AND COMMISSIONING (INITIAL VALUE 40HZ)
      3. MINIMUM OUTSIDE AIR: OPEN SLOW TO PREVENT MIXED AIR TEMPERATURE FROM DROPPING BELOW 40°F. RAMPS TO CONTROL MINIMUM OUTDOOR AIR
      4. ONCE MIN OA CONTROL IS ESTABLISHED PLUS 1 MINUTE DELAY SLOWLY RAMP HEATING VALVE DOWN TO ACHIEVE LEAVING AIR TEMPERATURE SETPOINT
      5. ONCE DISCHARGE AIR TEMPERATURE HAS DROPPED BELOW 75 °F, RELEASE SUPPLY AND RETURN FANS FROM FIXED SPEED OPERATION AND TRANSITION SEQUENCING OF FANS TO NORMAL OCCUPIED OPERATION TO OCCUR.
K. FILTERS:
   a. THE DIFFERENTIAL PRESSURE ACROSS THE FILTER BANKS SHALL BE MONITORED. IF THE DIFFERENTIAL PRESSURE EXCEEDS THE RECOMMENDED LOADED CONDITION FOR THE FILTERS (1.0 IN.W.G. (ADJ.), AN ALARM SHALL BE RECORDED AT THE OPERATOR `S WORKSTATION.
L. 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 476PPM 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.
M. SAFETIES AND ALARM
   a. FREEZESTAT
   b. FAN FAILURE
   c. ASD FAILURE
   d. LOW MIXED AIR TEMPERATURE
   e. HIGH / LOW DUCT PRESSURE
   f. REFRIGERANT LEAK DETECTION ALARM



UNIT VENTILATOR 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	
FACE AND BYPASS DAMPER				X			X		
HOT WATER CONTROL VALVE				X			X		
CHILLED WATER CONTROL VALVE				X			X		
OUTDOOR AIR / RETURN AIR DAMPER CONTROL				X			X		
RELIEF AIR LOUVER DAMPER				X			X		
RELIEF FAN ENABLE/DISABLE							X		1
RELIEF FAN STATUS	X						X	STATUS NOT EQUAL TO COMMAND	

NOTES:
1. FAN TO ENABLE VIA HARD WIRE INTERLOCK TO ISOLATION DAMPER END SWITCH.

2 UNIT VENTILATOR CONTROL SCHEMATIC
1/8" = 1'-0"

SEQUENCE OF OPERATION

UNIT VENTILATORS – HOT WATER / CHILLED WATER:
A. ASSOCIATED SPACE EQUIPMENT INCLUDES:
   1. CHILLED WATER / HOT WATER
   2. FIN TUBE RADIATION (WHERE SHOWN ON PLANS).
B. WARM-UP MODE:
   1. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   2. SYSTEM SHALL OPERATE AS DESCRIBED IN UNOCCUPIED HEATING MODE WITH TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
C. COOL-DOWN MODE:
   1. THE UNIT SHALL START PER OPTIMUM START PROGRAM.
   2. TEMPERATURE SET POINT EQUAL TO OCCUPIED MODE.
   3. NO OUTSIDE AIR EXCEPT AS REQUIRED FOR ECONOMIZER COOLING.
D. OCCUPIED MODE:
   1. FAN: ENABLE TO OPERATE CONTINUOUSLY DURING OCCUPIED PERIODS
   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.
E. CALCULATION OF LEAVING AIR TEMPERATURE SETPOINT
   1. CONTINUOUSLY RE-CALCULATE LEAVING AIR TEMPERATURE SETPOINT BETWEEN MINIMUM AND SCHEDULED MAXIMUM USING A PI ALGORITHM COMPARING SPACE TEMPERATURE TO ACTIVE HEATING OR COOLING SPACE TEMPERATURE SETPOINT.
   2. MAINTAIN 65 DEGREE MINIMUM, SCHEDULED HEATING MAXIMUM DISCHARGE AIR TEMPERATURE DURING HEATING MODE.
   3. MAINTAIN 55 DEGREE MINIMUM, 75 DEGREE MAXIMUM DISCHARGE AIR TEMPERATURE DURING VENTILATION / MECHANICAL COOLING MODE.
F. HEATING OPERATION:
   1. FAN SPEED TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
   2. OUTDOOR AIR DAMPER MAINTAINED AT HEATING / VENTILATION MINIMUM POSITION.
   3. OUTDOOR AIR TEMPERATURE RISES ABOVE 38 °F:
      a. MODULATE TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
      b. THE CONTROL VALVE SHALL BE SUBJECT TO A LEAVING AIR TEMPERATURE HIGH LIMIT 110°F.
   4. OUTDOOR AIR TEMPERATURE FALLS BELOW 35 °F:
      a. CONTROL VALVE OPENS FULLY
      b. MODULATE FACE AND BYPASS DAMPER TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE SET POINT.
      C. 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%.
G. COOLING OPERATION
   1. FAN TO OPERATE AT SPEED EQUATING TO THE SCHEDULED DESIGN AIR FLOW.
   2. 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, COOLING SHALL BE ENABLED AND MODULATED TO MAINTAIN CALCULATED LEAVING AIR TEMPERATURE, ECONOMIZER SHALL BE FIXED TO MINIMUM VENTILATION POSITION.
H. RELIEF FAN (WHERE SHOWN OR CALLED FOR)
   1. WHERE THE SPACE SERVED BY THE UNIT VENTILATOR IS EQUIPPED WITH A RELIEF FAN, THE FAN SHALL BE SET TO AN AIRFLOW RATE EQUATING TO THE SCHEDULED SUM OF MINIMUM OUTDOOR AIR INTAKE RATE SCHEDULED FOR THE CONNECTED UNIT VENTILATOR. COORDINATE THE SETUP OF WITH TESTING AND BALANCING ACTIVITIES.
I. MODULATING RELIEF DAMPER (WHERE SHOWN OR CALLED FOR)
   1. WHERE THE SPACE SERVED BY THE UNIT VENTILATOR IS EQUIPPED WITH A MODULATING RELIEF DAMPER, THE DAMPER SHALL MODULATE OPEN FROM 0% TO 100% POSITION (ADJ) AS THE OUTDOOR AIR INTAKE RATE IS VARIED FROM MINIMUM TO 100% OUTDOOR AIR.
J. COORDINATION WITH RADIANT HEATING EQUIPMENT (WHERE SHOWN ON DRAWINGS)
   1. WHERE LOCAL RADIANT HEATING EQUIPMENT EXISTS IN A SPACE SERVED BY A UNIT VENTILATOR, THE RADIANT HEATING EQUIPMENT SHALL SERVE AS SECOND STAGE OF HEATING. ONCE THE HEATING VALVE OF THE PRIMARY SPACE EQUIPMENT IS FULLY OPENED AND FURTHER HEATING IS REQUIRED, THE RADIANT HEATING CONTROL VALVE SHALL MODULATE OPEN.
K. UNOCCUPIED MODE:
   1. FAN:
      A. CYCLE FAN TO MAINTAIN UNOCCUPIED SPACE TEMPERATURE SET POINT.
   2. HEATING COIL CONTROL VALVE:
      A. WHEN UNIT IS ENABLED FOR SETBACK OPERATION, OPEN CONTROL VALVE FULLY.
      B. WHEN UNIT IS DISABLED AND OUTDOOR AIR TEMPERATURE IS BELOW 25 °F, VALVE SHALL BE MODULATED TO MAINTAIN MIXED AND LEAVING AIR TEMPERATURE SENSORS ABOVE 65 °F. THE CONTROL VALVE SHALL BE SUBJECT TO A LEAVING AIR TEMPERATURE HIGH LIMIT 110 °F
   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
L. FIN TUBE/CONVECTOR RADIATION.
   1. REFER TO “CONVECTOR/FIN TUBE RADIATION CONTROL SCHEMATIC”.
M. SAFETIES AND ALARMS:
   1. FAN FAILURE.
   2. DISCHARGE AIR TEMPERATURE LOW/HIGH LIMITS.
   3. SPACE TEMPERATURE LOW/HIGH LIMITS
   4. FREEZESTAT TRIP
   5. HIGH LIMIT AT SUPPLY AIR TEMPERATURE SENSOR.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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100% CONSTRUCTION DOCUMENTS
DRAWING DATE: **11/10/2025**
SCALE: **AS NOTED**
DRAWING TITLE:
CONTROL DIAGRAMS - HVAC

B H5.02

UNIT VENTILATOR SCHEDULE

TAG	LOCATION	SERVICE	TYPE	OUTSIDE AIRFLOW (CFM)	SUPPLY FAN AIRFLOW (CFM)	SUPPLY FAN S.P. (IN. W.G.) EXT.	SUPPLY FAN MOTOR(S) RPM	SUPPLY FAN MOTOR(S) HP	HEATING COIL - HOT WATER (180°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
B-UV-01	MUSIC G16	MUSIC G16 & STORAGE G16.1	VERTICAL	450	1,100	0.45	1400	1/2	72.3	2.5	0.4	180.0	121.0	38.8	99.0	45.5	31.0	10.5	12.8	57.0	65.0	80.9	67.1	55.0	54.0	115	1	13	PACKAGED	13	800	TEMSPEC VUD1200	1,2,3,4

REMARKS

1. PROVIDE UNIT WITH FACE AND BYPASS.
2. PROVIDE UNIT WITH TOP DUCT COVER TO EXTEND FROM TOP OF UNIT TO BOTTOM OF DECK.
3. PROVIDE CONDENSATE PUMP, LIBERTY LCU-20, FACTORY WIRED IN UNIT VENTILATOR. PROVIDE WITH HARD WIRED INTERLOCK OVERFLOW DETECTION SWITCH.
4. PROVIDE UNIT WITH 6" DEEP PLENUM. PLENUM SHALL EXTEND FROM BOTTOM OF UV TO TOP OF TOP DUCT COVER, 11'-8" ABOVE FINISHED FLOOR. REAR PLENUM HEIGHT TO MATCH HEIGHT OF UNIT PLUS TOP DUCT COVER. TOP DUCT COVER AND TOP OF REAR PLENUM SHALL BE SAME ELEVATION.

ROOFTOP UNIT SCHEDULE

TAG	LOCATION	SERVICE	MINIMUM OA (CFM)	DCV OA (CFM)	SUPPLY FAN AIRFLOW (MAX - CFM)	SUPPLY FAN AIRFLOW (MIN - CFM)	SUPPLY FAN S.P. (IN. W.G.) EXT.	SUPPLY FAN S.P. (IN. W.G.) TOTAL	SUPPLY FAN FAN QNT.	SUPPLY FAN FAN DIA (IN)	SUPPLY FAN FAN (RPM)	SUPPLY FAN MOTOR(S) RPM	SUPPLY FAN MOTOR(S) HP	SUPPLY FAN MOTOR(S) QNT.	RETURN FAN AIRFLOW (MAX - CFM)	RETURN FAN AIRFLOW (MIN - CFM)	RETURN FAN S.P. IN. W.G. EXT.	RETURN FAN S.P. IN. W.G. TOTAL	RETURN FAN FAN QNT.	RETURN FAN FAN DIA. (IN)	RETURN FAN FAN (RPM)	RETURN FAN MOTOR RPM	RETURN FAN MOTOR HP	RETURN FAN MOTOR QNT.
B-RTU-01	GYM ROOF	GYM 138	3,970	2,440	6,900	4,645	0.8	4.9	1	22.25	1870	1800	10	1	6,900	4,645	0.5	1.6	1	22.25	1449	1800	5	1

REMARKS

1. PROVIDE WITH SINGLE POINT CONNECTION AND FACTORY VFD'S.
2. PROVIDE UNIT WITH HOT GAS REHEAT.
3. PROVIDE UNIT WITH FREEZE BLOCK COIL. SEE SPECIFICATION.
4. PROVIDE PIPING CABINET FOR HW PIPING.
5. PROVIDE UNIT WITH INTERNAL FACE AND BYPASS.

ROOFTOP UNIT SCHEDULE (CONT.)

TAG	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 - 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
B-RTU-01	6,900	469.2	31.3	6.99	2	180.0	150.0	27.3	90.0	530	0.17	6900	307.6	204.3	6	82.0	68.0	55.0	53.6	411	0.60	112.3	208	3	93.3	PACKAGED	8	13	5,970	TRANE CSAA 017	1,2,3,4,5

FAN COIL UNIT SCHEDULE

TAG	LOCATION	SERVICE	OUTSIDE AIRFLOW (CFM)	SUPPLY FAN AIRFLOW (CFM)	SUPPLY FAN S.P. (IN. W.G.) EXT.	SUPPLY FAN MOTOR(S) RPM	SUPPLY FAN MOTOR(S) HP	HEATING COIL - HOT WATER (180°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
B-FCU-01	OFFICE 139	OFFICE 139	30	300	0.3	1,684	0.13	7.9	0.8	0.1		180.0	159.0	65.9	90.1	8.8	7.1	1.6	4.7	4	45.0	56.0	77.9	65.0	56.2	55.3	115	1	2.75	13	109	TRANE FCCB030	1,2,3,4
B-FCU-02	OFFICE 137	OFFICE 137	35	240	0.3	1,483	0.13	6.5	0.5	0.1		180.0	154.1	65.4	90.3	7.4	5.9	1.3	3.5	4	45.0	56.0	77.9	65.0	55.4	54.7	115	1	2.75	13	109	TRANE FCCB020	1,2,3,4
B-FCU-03	STORAGE 138.1	STORAGE 138.1	100	240	0.3	1,483	0.13	6.5	0.5	0.1		180.0	154.1	65.4	90.3	7.4	5.9	1.3	3.5	4	45.0	56.0	77.9	65.0	55.4	54.7	115	1	2.75	13	109	TRANE FCCB020	1,2,3,4

REMARKS

1. UNIT SHALL BE ABOVE CEILING RECESSED, DUCTED OUTSIDE AIR, RETURN AND SUPPLY STYLE
2. PROVIDE WITH MAXIBLUE CONDENSATE PUMP, 120V/1 PHASE. PROVIDE WITH RESERVOIR, DRAINSTIK SENSOR ACCESSORIES AND TUBING. PUMP SHALL BE WIRED DIRECTLY TO ASSOCAITED FCU.
3. PROVIDE WITH CONDENSATE OVERFLOW SWITCH.
4. PROVIDE WITH HEATING COILS SIZED FOR FUTURE 140°F EWT/110°F LWT.

ENERGY RECOVERY VENTILATOR SCHEDULE

TAG	AREA SERVED	SUPPLY FAN OA/SA (CFM)	SUPPLY FAN S.P. (IN. W.G.) EXT.	SUPPLY FAN BLADE TYPE	SUPPLY FAN FAN (RPM)	SUPPLY FAN DRIVE TYPE	SUPPLY FAN MOTOR DATA HP	EXHAUST FAN RA/EA (CFM)	EXHAUST FAN S.P. (IN. W.G.) EXT.	EXHAUST FAN BLADE TYPE	EXHAUST FAN FAN (RPM)	EXHAUST FAN DRIVE TYPE	EXHAUST FAN MOTOR DATA HP	WINTER CONDITIONS OA EAT (°F)	WINTER CONDITIONS SA LAT (°F)	WINTER CONDITIONS RA EAT (°F)	WINTER CONDITIONS EFF.	SUMMER CONDITIONS OA EDB	SUMMER CONDITIONS OA EWB	SUMMER CONDITIONS SA LDB	SUMMER CONDITIONS SA LWB	SUMMER CONDITIONS RA EDB	SUMMER CONDITIONS RA EWB	SUMMER CONDITIONS TOT. EFF.	SUMMER CONDITIONS SENS. EFF.	UNIT ELECTRIC DATA V	PH	MCA	STARTER	FILTRATION OUTSIDE (MERV)	RETURN (MERV)	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
B-ERV-01	TOILET ROOMS AND OFFICES	365	0.75	BI	2,365	DIRECT	1/2	465	0.60	BI	2,751	DIRECT	1/2	-2.0	56.1	70.0	78.6	85.0	70.0	76.9	65.3	75.0	62.3	62.7	80.7	208	1	6.2	PACKAGED	13	8	264	RENEWAIRE HE07	1

REMARKS

1. REFER TO SPECIFICATIONS FOR ACCESSORIES AND OPTIONS.

WATER TO WATER HEAT PUMP SCHEDULE

TAG	LOCATION	COOLING MODE EVAPORATOR (CHILLED WATER LOOP) CAPACITY (MBH)	FLOW (GPM)	WPD (PSI)	EWT (°F)	LWT (°F)	CONDENSER (SOURCE LOOP) CAPACITY (MBH)	FLOW (GPM)	WPD (PSI)	EWT (°F)	LWT (°F)	HEATING MODE EVAPORATOR (SOURCE LOOP) CAPACITY (MBH)	FLOW (GPM)	WPD (PSI)	EWT (°F)	LWT (°F)	CONDENSER (HOT WATER LOOP) CAPACITY (MBH)	FLOW (GPM)	WPD (PSI)	EWT (°F)	LWT (°F)	REFRIGERANT TYPE	CLASS	CHARGE (LBS)	ELECTRICAL DATA V	PH	MCA	DESIGN EQUIPMENT	REMARKS
B-WSHP-01	BOILER ROOM	108.4	20.0	7.6	56.0	45.2	124.2	20.0	7.6	57.0	69.4	131.1	20.0	7.1	68.0	58.1	131.1	20.0	6.1	104.0	117.1	R-454B	A2L	8	208	3	36	TRANE EXWK1203	1
B-WSHP-02	BOILER ROOM	52.3	10.0	7.7	56.0	45.5	60.4	10.0	7.6	57.0	69.1	68.8	10.0	7.1	68.0	57.3	68.8	10.0	6.1	104.0	117.8	R-454B	A2L	4	208	3	20	TRANE EXWK0603	

REMARKS

1. HEATING PERFORMANCE FOR REFERENCE ONLY. UNIT PRIMARY USE FOR CHILLED WATER.

AIR COOLED CONDENSING UNIT SCHEDULE

TAG	LOCATION	SERVICE	CAPACITY (TONS)	CONDENSER FANS QNT.	STAGES	EER	IEER	REFRIGERANT TYPE	WEIGHT (LBS)	UNIT ELECTRIC DATA V	PH	KW	MCA	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
B-ACCU-01	GYM ROOF	B-RTU-01	25	3	2	10.9	15.5	R454-B'	50.0	208	3	25.9	141.0	1,898	TRANE RAUKC25	1,2,3,4

REMARKS

1. PROVIDE UNIT WITH DIGITAL SCROLL COMPRESSOR FOR LOW CAPACITY MODULATION DOWN TO 17%.
2. PROVIDE COMPESSORS WITH BRD HUSHCORE COVERS ON ALL COMPRESSORS.
3. PROVIDE UNIT WITH FACTORY DISCONNECT SWITCH.
4. UNIT SHALL HAVE LOW SOUND VFD CONDENSER FANS.

CABINET UNIT HEATER SCHEDULE - HOT WATER

TAG	LOCATION	TYPE	AIRFLOW (CFM)	HEATING COIL MBH	GPM	WPD (FT	EWT (°F)	LWT (°F)	EAT (°F)	LAT (°F)	MOTOR DATA HP	QNT	RPM	V	PH	MCA	STARTER	DESIGN EQUIPMENT	REMARKS
B-CUH-01	STAIR ST-1	CEILING RECESSED	620	38.1	2.6	1.10	180.0	150.0	50.0	104.6	1/15	1	1,800	120	1	2.0	PACKAGED	RITTLING RC/W-420-06	
B-CUH-02	CORRIDOR G-1	CEILING RECESSED	620	38.1	2.6	1.10	180.0	150.0	50.0	104.6	1/15	1	1,800	120	1	2.0	PACKAGED	RITTLING RC/W-420-06	
B-CUH-03	STAIR ST-1	CEILING RECESSED	300	18.5	1.3	0.20	180.0	150.0	50.0	105.0	1/30	1	1,800	120	1	2.0	PACKAGED	RITTLING RC/W-420-03	

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
B-CWP-01	BOILER ROOM	CHILLED WATER SYSTEM	30.0	45.0	175	1750	0.7	52.0	INLINE	1 1/2	1,800	208	3	VFD BY EC	B&G e-80 1.5x1.5x7C	
B-CWP-02	BOILER ROOM	CHILLED WATER SYSTEM	30.0	45.0	175	1750	0.7	52.0	INLINE	1 1/2	1,800	208	3	VFD BY EC	B&G e-80 1.5x1.5x7C	
B-CP-01	TOILET 136	B-RTU-01	31.3	35.0	175	2623	--	--	INLINE	1	3,600	208	3	ECM	B&G ECOCIRC XL 65-130	

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
B-EF-01	MUSIC G16	MUSIC G16	450	0.25	BI	1,382	DIRECT	1/6		115	1	PACKAGED	GREENHECK SQ-90-VG	1,2

REMARKS

1. PROVIDE MOTOR CONTROLLER WITH LOCAL SPEED POTENTIOMETER FOR BALANCING.
2. PROVIDE UNIT WITH INSULATED HOUSING.

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 880	1
3	SUPPLY	STEEL	BY ARCHITECT	KRUEGER RM4	1
4	SUPPLY	STEEL	BY ARCHITECT	KRUEGER DESIGNFLO DFL - 1.5" SLOT, 1-SLOT, 10" INLET, 72" LENGTH	1
A	RETURN/EXHAUST	STEEL	BY ARCHITECT	KRUEGER S85	1
B	RETURN/EXHAUST	STEEL	BY ARCHITECT	KRUEGER S80	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
B-RHC-01	B-ERV-01	150	6.9	0.8	0.2	180.0	163.0	56.1	98.8	400	0.12	9.0	6.0	TRANE	
B-RHC-02	B-ERV-01	50	2.4	0.7	0.0	180.0	172.5	56.1	100.8	400	0.16	4.5	4.0	TRANE	

RADIATION SCHEDULE - 170ºF AWT

TAG	HEATING CAPACITY BTU/H / LINEAR FOOT	MOUNT TYPE	ENCLOSURE (IN) HEIGHT	DEPTH	MOUNT HEIGHT	ELEMENT DIMENSIONS TUBE (IN)	FIN (IN)	ROWS	DESIGN EQUIPMENT	REMARKS
B-FTR-01	1,240	WALL	14	5-3/8	4	3/4	50.0	1	STERLING JVB-ARS 4-1/4x4-1/4 FIN	1

REMARKS

1. ENCLOSURE CUSTOM COLOR SELECTION BY ARCHITECT.

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
B-L-01	MUSIC G16	B-UV-01	1,100	0.05	1.8	630	YES	24.0	30.0	2.0	GREENHECK ESD-202	1,2
B-L-02	MUSIC G16	B-EF-01	1,100	0.14	1.1	970	YES	40.0	12.0	2.0	GREENHECK ESD-202	1,2

REMARKS

1. CUSTOM COLOR SELECTION BY ARCHITECT.
2. FURNISHED BY HVAC, INSTALLED BY GC.

EXPANSION TANK SCHEDULE

TAG	LOCATION	SERVICE	ACCEPTANCE VOLUME (GAL)	TANK VOLUME (GAL)	DIMENSIONS (IN) DIA	HEIGHT	CONNECTION	DESIGN EQUIPMENT	REMARKS
B-ET-01	BOILER ROOM	CHILLED WATER SYSTEM	21	23	12	24	3/4	B&G B85	

AIR SEPARATOR SCHEDULE

TAG	LOCATION	SERVICE	FLOWRATE (GPM)	P.D. (FT)	CONNECTION SIZE (IN)	DESIGN EQUIPMENT	REMARKS
B-AS-01	BOILER ROOM G08	CHILLED WATER SYSTEM	30	0.15	3	B&G R-3F	

FAN COIL UNIT SCHEDULE

TAG	LOCATION	SERVICE	OUTSIDE AIRFLOW (CFM)	SUPPLY FAN AIRFLOW (CFM)	SUPPLY FAN S.P. (IN. W.G.) EXT.	SUPPLY FAN S.P. (IN. W.G.) TOTAL	SUPPLY FAN MOTOR(S) RPM	SUPPLY FAN MOTOR(S) HP	SUPPLY FAN MOTOR(S) VOLTS	SUPPLY FAN MOTOR(S) PHASE	SUPPLY FAN MOTOR(S) STARTER	HEATING COIL - HOT WATER 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	KW	MCA	FILTER (MERV)	WEIGHT (LBS)	DESIGN EQUIPMENT	REMARKS
(E)B-FCU-01	KITCHEN	KITCHEN	650	1,500	0.7	1.7	1800	1	120	1	PACKAGED	77.1	5.0	1.06	1	180.0	148.9	37.6	85.0	65.8	45.1	10.9	6.11	4	44.0	56.0	82.7	68.7	55.4	54.8	120	1	0.83	16.6	13	418	TRANE BCHE054	1,2
(E)B-FCU-02	KITCHEN	KITCHEN OFFICE	20	150	0.5	--	1800	1/8	120	1	PACKAGED	6.4	0.6	0.08	1	180.0	160.0	58.6	98.1	5.6	4.1	0.9	1.80	4	44.0	56.0	79.4	66.3	54.6	54.0	120	1	0.05	2.75	13	81	TRANE FCCB020	1,2

REMARKS

1. UNIT SHALL BE ABOVE CEILING DUCTED STYLE.
2. PROVIDE BALANCING OF EXISTING UNIT AS PART OF THIS PROJECT.

king+king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7956

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

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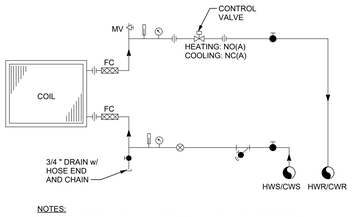
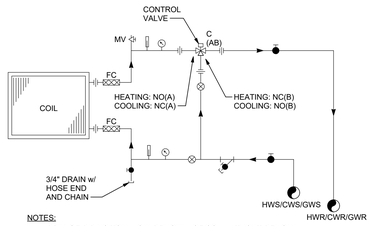
DRAWING DATE: 11/10/2025
SCALE: AS NOTED
DRAWING TITLE:
SCHEDULES - HVAC

B H6.01



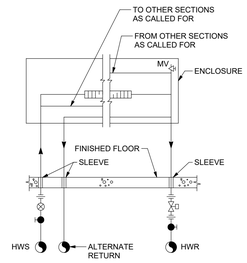
NOTES:
1. ARRANGE PIPING TO ALLOW REMOVAL OF COIL WITHOUT REMOVAL OF PIPING AHEAD OF UNIONS AND TO ALLOW ACCESS TO FILTER AND ACCESS PANEL.
2. PIPE SUPPLY TO DISCHARGE AIR SIDE.

1 COIL PIPING DETAIL - 2-WAY VALVE
NTS

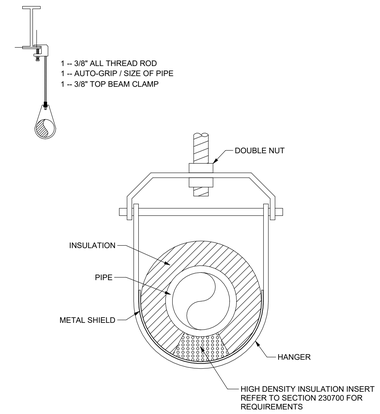


NOTES:
1. ARRANGE PIPING TO ALLOW REMOVAL OF COIL WITHOUT REMOVAL OF PIPING AHEAD OF UNIONS AND TO ALLOW ACCESS TO FILTER AND ACCESS PANEL.

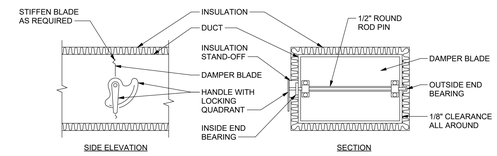
2 COIL PIPING DETAIL - 3-WAY VALVE
NTS



3 FIN RADIATION/CONVECTOR PIPING DETAIL - HOT WATER
NTS

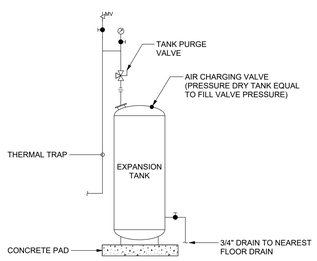


4 PIPE HANGER DETAIL
NTS

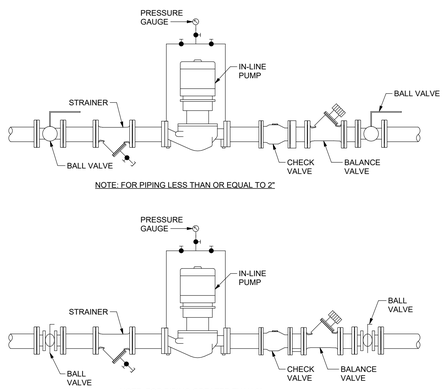


NOTES:
1. DELETE INSULATION STAND-OFF ON DUCTWORK WITHOUT EXTERIOR INSULATION.
2. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSULATION SHALL BE SIMILAR FOR MULTI-BLADE DAMPERS & ROUND DAMPERS.
3. REFER TO SECTION 233000 FOR ADDITIONAL REQUIREMENTS.

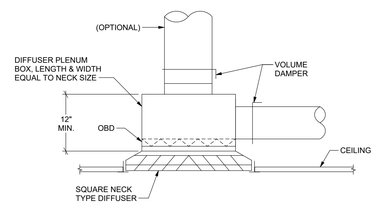
5 VOLUME DAMPER DETAIL
NTS



6 EXPANSION TANK DETAIL
NTS

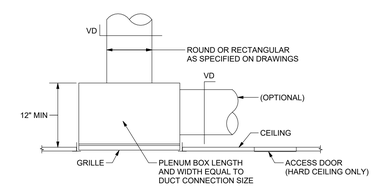


7 INLINE PUMP DETAIL
NTS



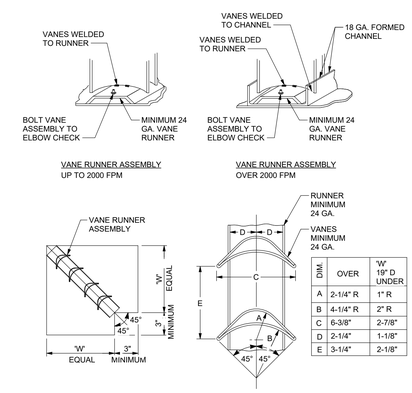
NOTES:
1. PROVIDE OBD FOR INSTALLATION IN HARD CEILING/WALL.
2. LOCATE VOLUME DAMPER AS CLOSE TO DUCT MAIN TAKE-OFF AS POSSIBLE.

8 SQUARE TO ROUND DIFFUSER INSTALLATION DETAIL
NTS



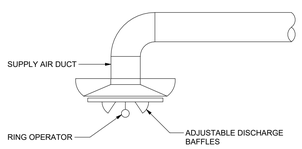
NOTES:
1. LOCATE VOLUME DAMPER AS CLOSE TO MAIN DUCT TAKE-OFF AS POSSIBLE.

9 TYPICAL CEILING GRILLE INSTALLATION DETAIL
NTS



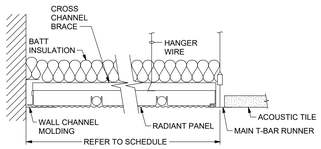
DIM.	OVER	"W" 19" D UNDER
A	2-1/4" R	1" R
B	4-1/4" R	2" R
C	6-3/8"	2-7/8"
D	2-1/4"	1-1/8"
E	3-1/4"	2-1/8"

11 VANED ELBOW DETAIL
NTS



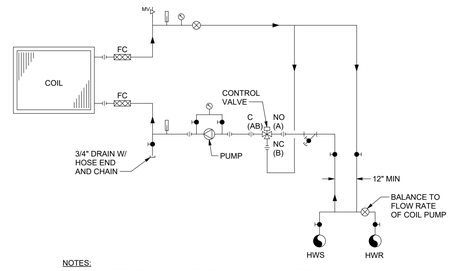
NOTES:
1. PROVIDE SUPPORT FOR DUCTWORK PER SPECIFICATION.
2. PROVIDE DUCT SEALING PER SPECIFICATION AND SMACNA STANDARDS.

12 GYMNASIUM DIFFUSER INSTALLATION DETAIL
NTS



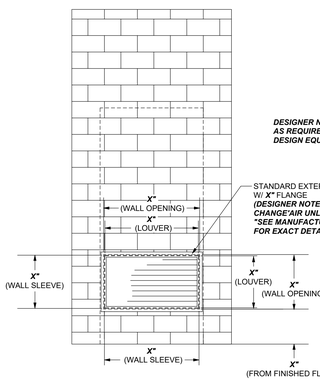
NOTES:
1. PROVIDE BATT INSULATION PER ECCCNYS.
2. PROVIDE CROSS CHANNEL, BRACE, AND HANGER WIRE PER MANUFACTURER'S INSTALLATION REQUIREMENTS.
3. SUSPENSION OF RADIANT CEILING PANEL SHALL BE INDEPENDENT OF CEILING GRID SYSTEM.
4. REFER TO SCHEDULE FOR PANEL WIDTH.

14 RADIANT CEILING PANEL DETAIL - PERIMETER LAYOUT
NTS



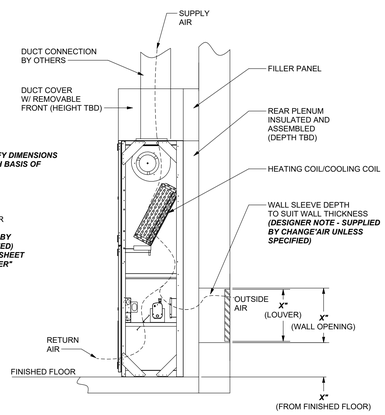
NOTES:
1. ARRANGE PIPING TO ALLOW REMOVAL OF COIL WITHOUT REMOVAL OF PIPING AHEAD OF UNIONS AND TO ALLOW ACCESS TO FILTER AND ACCESS PANEL.

16 HEATING COIL PIPING DETAIL - 3-WAY VALVE W/ PUMP
NTS



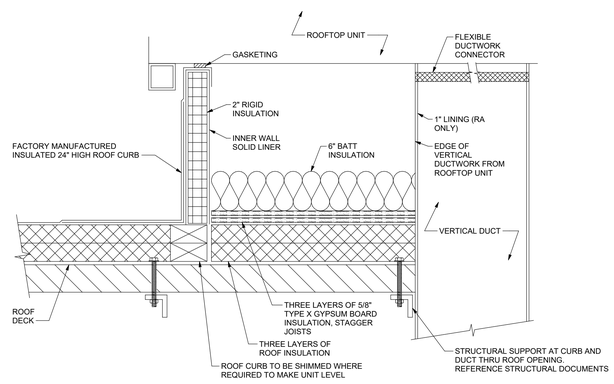
REAR VIEW

DESIGNER NOTE - MODIFY DIMENSIONS AS REQUIRED TO MATCH BASIS OF DESIGN EQUIPMENT



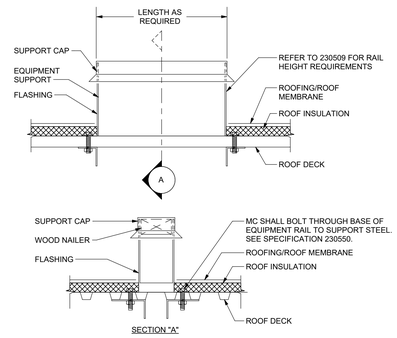
RIGHT SIDE VIEW

10 UNIT VENTILATOR DETAIL - CHILLED WATER/DX
NTS



NOTES:
1. PROVIDE ATTACHMENT OF ROOF CURB TO STRUCTURE AND ATTACHMENT OF EQUIPMENT TO ROOF CURB PER SECTION 230550 REQUIREMENTS.
2. ALL ROOFTOP HVAC UNITS REQUIRED TO HAVE CURB AND CURB INTERIOR AS SHOWN.
3. INSTALL ROOFING PER NRCA REQUIREMENTS. CONTRACTOR SHALL REFER TO ARCHITECTURAL PLANS AND DETAILS FOR SPECIFIC ROOF TYPE AND REQUIREMENTS AT INDIVIDUAL ROOF LOCATIONS.
4. COORDINATE WITH WIND RESTRAINT REQUIREMENTS AND PROVIDE ALL NECESSARY RESTRAINTS.
5. GC TO PROVIDE ROOF OPENING, FRAMING, AND FLASHING. LOCATION, SETTING, WIND RESTRAINTS AND SECURING OF CURB BY MC.

13 ROOFTOP UNIT - ROOF CURB DETAIL
NTS



NOTES:
1. PROVIDE ATTACHMENT OF ROOF CURB TO STRUCTURE AND ATTACHMENT OF EQUIPMENT TO ROOF CURB PER SECTION 230550 REQUIREMENTS.
2. GC TO PROVIDE ROOF OPENING, FRAMING, AND FLASHING. LOCATION, SETTING, WIND RESTRAINTS AND SECURING OF CURB BY MC.
3. PROVIDE SHIMS WHERE REQUIRED TO LEVEL SUPPORT.
4. CURBS AND RAILS - INSULATE PER THE REQUIREMENTS OF 230509.

15 EQUIPMENT SUPPORT DETAIL - PAN DECK ROOF
NTS

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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MARK	DATE	DESCRIPTION
A	10/12/26	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

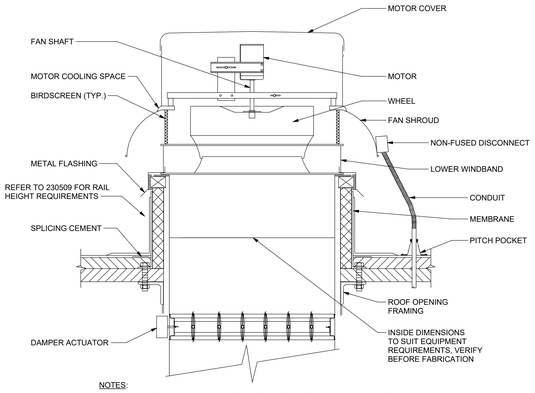
DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

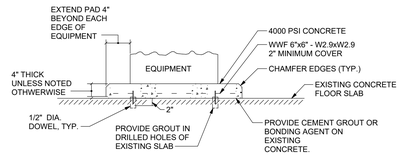
DETAILS - HVAC

B H9.01



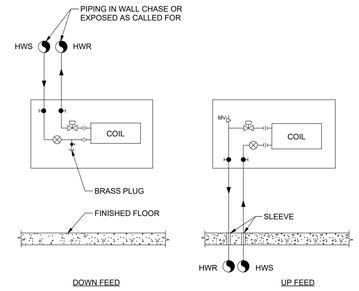
NOTES:
1. PROVIDE ATTACHMENT OF ROOF CURB TO STRUCTURE AND ATTACHMENT OF EQUIPMENT TO ROOF CURB PER SECTION 230550.
2. BUILT UP ROOF SIMILAR, PROVIDE CANTS.
3. MAINTAIN EXISTING ROOF WARRANTY OR WARRANTY FOR 5 YEARS, WHICHEVER IS GREATER.
4. DIRECT DRIVE AND EC MOTOR FANS SIMILAR.
5. GC TO PROVIDE ROOF OPENING, FRAMING, AND FLASHING. LOCATION, SETTING, WIND RESTRAINTS AND SECURING OF CURB BY MC.

1 ROOF MOUNTED EXHAUST FAN DETAIL
NTS



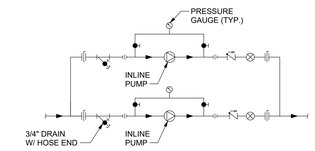
NOTES:
1. PROVIDE CONCRETE BASES FOR ALL FLOOR MOUNTED EQUIPMENT.
2. PROVIDE TROWEL FINISH.
3. SET ANCHOR BOLTS IN SLEEVES BEFORE POURING.
4. PROBVIDE 1/2" REBAR DOWEL EVERY 2 SQ. FT. OF BASE AREA, MIN 2 PER SIDE.

2 HOUSEKEEPING PAD DETAIL
NTS

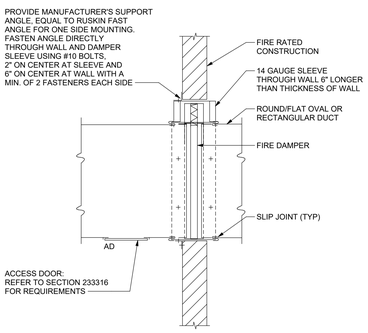


NOTES:
1. PIPING FOR CEILING MOUNTED UNITS IS SIMILAR.

3 CABINET UNIT HEATER PIPING DETAIL - HOT WATER W/ CONTROL VALVE
NTS

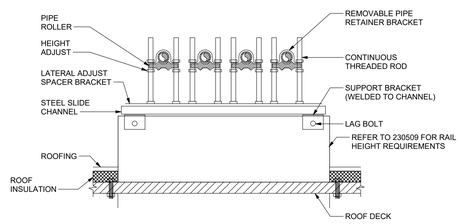


4 PARALLEL INLINE PUMP DETAIL
NTS



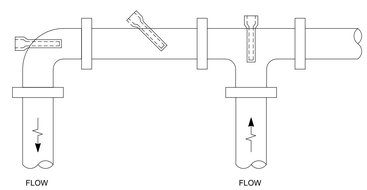
NOTES:
1. FOR DOUBLE WALL DUCT, USE INSULATION END CAP AND INSULATE SLEEVE.
2. COORDINATE WITH GC FOR STUD FRAMING AT FIRE DAMPER SLEEVE.
3. THE MC SHALL COORDINATE INSTALLATION OF STUD FRAMING AROUND SLEEVE WITH THE GC.
4. INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS.
5. HORIZONTAL INSTALLATION IS SIMILAR.

5 FIRE DAMPER INSTALLATION DETAIL - TYPE B
NTS



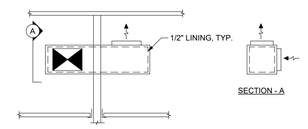
NOTES:
1. PROVIDE ATTACHMENT OF ROOF CURB TO STRUCTURE AND ATTACHMENT OF EQUIPMENT TO ROOF CURB. REFER TO SECTION 230550 FOR REQUIREMENTS.
2. GC TO PROVIDE ROOF OPENING, FRAMING, AND FLASHING. LOCATION, SETTING, WIND RESTRAINTS AND SECURING OF CURB BY MC.
3. PROVIDE SHIMS WHERE REQUIRED TO LEVEL SUPPORT.
4. LENGTH OF SUPPORT AS CALLED FOR.
5. EXPOSED METAL OF SUPPORT SYSTEMS AND ATTACHMENT HARDWARE SHALL BE HOT DIPPED GALVANIZED OR STAINLESS STEEL.

6 PIPE PEDESTAL MOUNT DETAIL
NTS

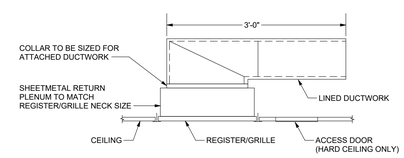


NOTES:
1. IMMERSION PROBES MUST BE INSTALLED INTO THERMOWELL.
2. INSTALL WELL INTO SADDLE (OR THREDOLET).
3. INSTALL WELL SUCH THAT INSERTED TIP DOES NOT TOUCH FAR SIDE OF PIPE.
4. USE THEMAL COMPOUND INSIDE THE WELL.

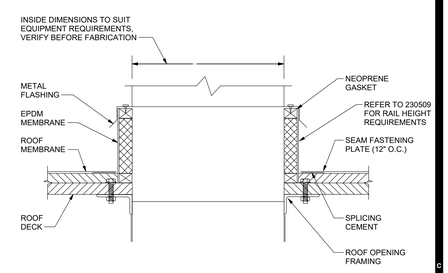
7 IMMERSION WELL INSTALLATION DETAIL
NTS



10 TYPICAL DUCT TRANSFER DETAIL
NTS

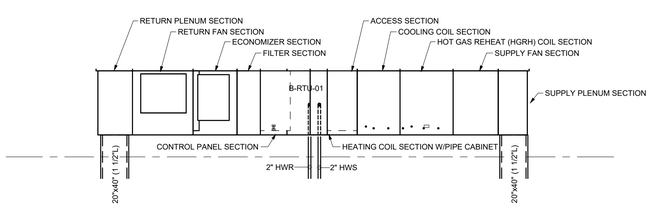


8 RETURN PLENUM AND SOUND TRAP DETAIL
NTS

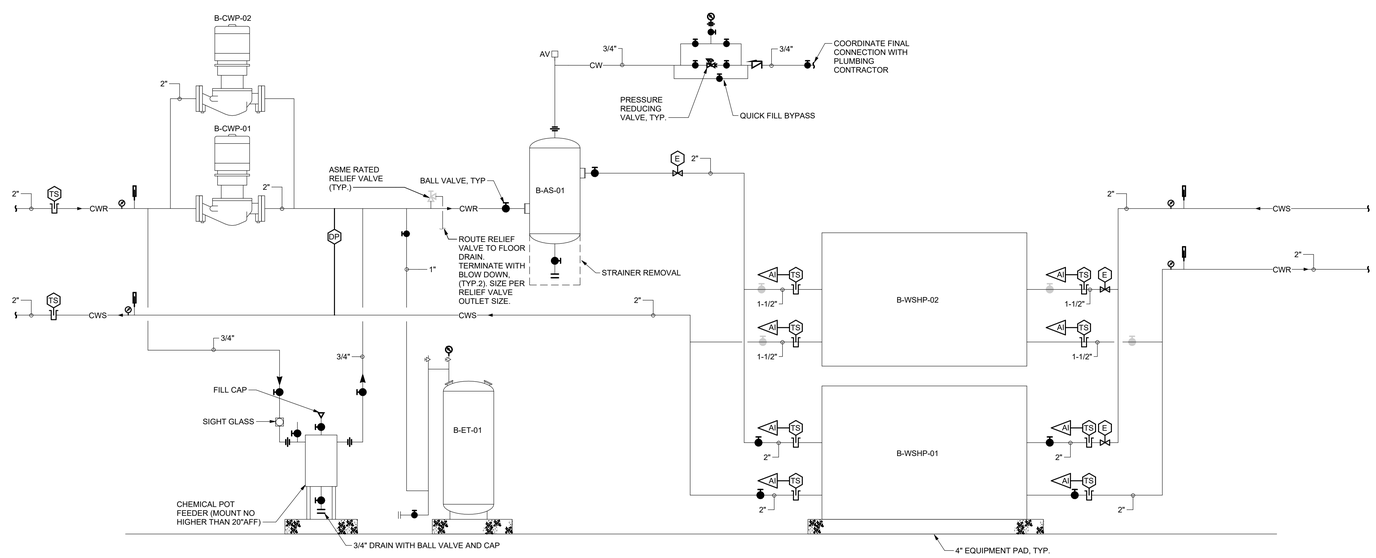


NOTES:
1. PROVIDE ATTACHMENT OF ROOF CURB TO STRUCTURE AND ATTACHMENT OF EQUIPMENT TO ROOF CURB PER SECTION 230550.
2. GC TO PROVIDE ROOF OPENING, FRAMING, AND FLASHING. LOCATION, SETTING, WIND RESTRAINTS AND SECURING OF CURB BY MC.
3. PROVIDE SHIMS WHERE REQUIRED TO LEVEL CURB.

9 MECHANICAL ROOF CURB DETAIL - MEMBRANE ROOF
NTS



11 B-RTU-01 SECTION
1/4" = 1'-0"



12 WSHP PIPING DIAGRAM
NTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

king+king ARCHITECTS

KING + KING PROJ. NO.: 23-44-7956

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

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MARK	DATE	DESCRIPTION
	10/12/26	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS
DRAWING DATE: 11/10/2025
SCALE: AS NOTED
DRAWING TITLE:
DETAILS - HVAC

B H9.02

SHOCK ABSORBER SCHEDULE

DESIGNATION	FIXTURE UNIT RATING	SIZE IN INCHES	PDI SYMBOL
SA-A	1-11	3/4"	A
SA-B	12-32	1"	B
SA-C	33-60	1"	C
SA-D	61-113	1"	D
SA-E	114-154	1"	E
SA-F	155-330	1"	F

LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	NEW TO EXISTING CONNECTION		BALANCE VALVE
	REMOVE TO THIS POINT	WH	WALL HYDRANT
	WORK TO BE REMOVED	HB	HOSE BIBB
	DOMESTIC COLD WATER		STRAINER
	DOMESTIC HOT WATER	SA	SHOCK ABSORBER
	DOMESTIC HOT WATER RECIRCULATION		CAP OR PLUG
	VENT (V)		UNION
	SANITARY (SAN)		FLOOR DRAIN (FD)
	STORM (ST)		ROOF DRAIN (RD)
IW	INDIRECT WASTE	WPCO	WALL PLATE CLEANOUT
	CLEANOUT (CO)	DPCO	DECK PLATE CLEANOUT
	P-TRAP	AFF	ABOVE FINISHED FLOOR
	ELBOW UP, ELBOW DOWN	ETR	EXISTING TO REMAIN
	TEE - TOP CONNECTION	VTR	VENT THROUGH ROOF
	TEE - BOTTOM CONNECTION	PC	PLUMBING CONTRACTOR
	BALL VALVE	MC	MECHANICAL CONTRACTOR
	GATE VALVE	EC	ELECTRICAL CONTRACTOR
	CHECK VALVE	GC	GENERAL CONTRACTOR
	REFERENCE TO DRAWING NOTE	MV	MIXING VALVE
	REFERENCE TO REMOVAL NOTE		
	DETAIL/PLAN REFERENCE SYMBOL		

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, FIXTURES, CARRIERS, TRIM, 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. FIELD VERIFY ALL UNDERGROUND PIPING AS REQUIRED FOR WORK SHOWN.

G. PROVIDE ALL WORK IN COMPLIANCE WITH ALL LOCAL, STATE AND FEDERAL CODES. OBTAIN ALL REQUIRED PERMITS.

H. FIELD VERIFY EXACT LOCATION, DEPTH, COMPOSITION AND CONDITION OF ALL PIPING, VALVES AND SYSTEMS AS REQUIRED FOR WORK OF THE CONTRACT.

I. PROVIDE CUTTING, CORING AND PATCHING OF ALL WALLS AND DECKS AS REQUIRED FOR WORK SHOWN. COORDINATE ALL WORK WITH OWNER, ARCHITECT, ENGINEER AND GENERAL CONTRACTOR.

J. PROVIDE ALL REQUIRED EXCAVATION, BACKFILL AND COMPACTION FOR ALL UNDERGROUND WORK.

K. REFER TO ARCHITECTURAL DRAWINGS FOR FINISHED FLOOR ELEVATION.

L. 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.).

M. PROVIDE HOSE BIBB (HB) UNDER LAVATORY IN ALL TOILET ROOMS WITH FLOOR DRAINS.

N. PROVIDE SCHEDULE 40 BLACK STEEL PIPE SLEEVES FOR ALL UNDERGROUND PIPING PASSING THROUGH OR UNDER FOOTINGS, WALLS, FOUNDATION WALLS, SLABS FLOORS AND/OR UNDERGROUND STRUCTURES. REFER TO THE PROJECT SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

O. WHERE PIPING IS LOCATED OVER FOOTINGS AND/OR OTHER UNDERGROUND STRUCTURES, ROLL DOWN AS REQUIRED TO CONNECT TO SYSTEMS NOTED. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS.

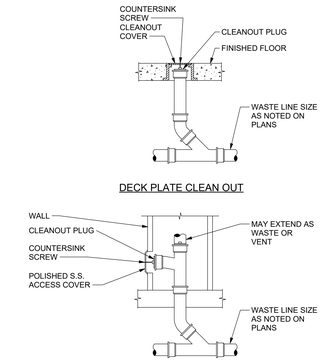
P. PITCH ALL SANITARY, WASTE AND STORM PIPING SHOWN ON THESE DRAWINGS AS FOLLOWS: PIPING 3" AND SMALLER, PITCH AT 2 PERCENT (1/4" PER FOOT) MINIMUM, PIPING 4" AND LARGER, PITCH AT 1 PERCENT (1/8" PER FOOT) MINIMUM.

Q. CONNECT TO SITE PIPING OUTSIDE BUILDING AS SHOWN. PROVIDE ALL REQUIRED OFFSETS, FITTINGS AND CONNECTIONS. FIELD VERIFY EXACT LOCATION, DEPTH AND COMPOSITION OF SITE SERVICES AND COORDINATE ALL WORK WITH SITE CONTRACTOR.

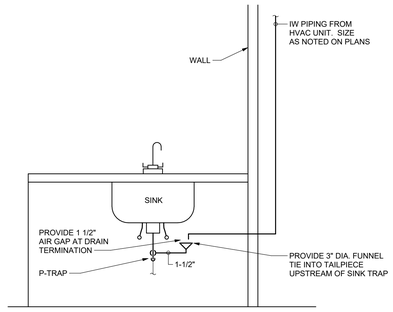
R. PITCH ALL INDIRECT WASTE (IW) PIPING SHOWN ON THESE DRAWINGS AT 1 PERCENT (1/8" PER FOOT) MINIMUM.

S. 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.

T. 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.

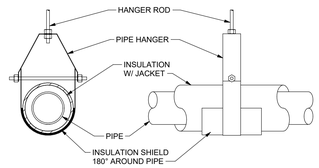


1 CLEANOUT DETAIL
NTS



NOTES:
1. MAINTAIN REQUIRED CLEARANCES BELOW SINK.

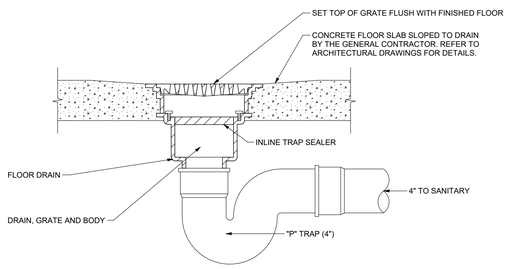
2 INDIRECT WASTE CONNECTION AT SINK DETAIL
NTS



7 INSULATION SHIELD & BLOCKING DETAIL
NTS

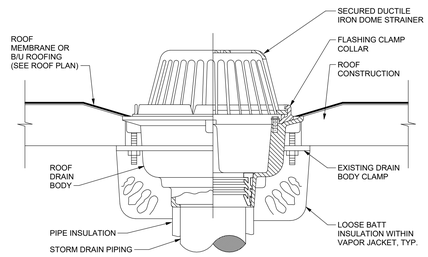
CONDENSATE DRAIN PIPING SCHEDULE

PIPE SIZE IN INCHES	CONNECTED COOLING LOAD IN TONS
1/4"	NOT RECOMMENDED
3/8"	NOT RECOMMENDED
1/2"	NOT RECOMMENDED
3/4"	UP TO 2 TONS CONNECTED COOLING LOAD
1"	UP TO 5 TONS CONNECTED COOLING LOAD
1-1/4"	UP TO 30 TONS CONNECTED COOLING LOAD
1-1/2"	UP TO 50 TONS CONNECTED COOLING LOAD
2"	UP TO 170 TONS CONNECTED COOLING LOAD
3"	UP TO 300 TONS CONNECTED COOLING LOAD
4"	UP TO 430 TONS CONNECTED COOLING LOAD



NOTE:
1. FLOOR SINK INSTALLATION IS LESS INLINE TRAP SEALER.

3 FLOOR DRAIN WITH INLINE TRAP SEALER DETAIL
NTS



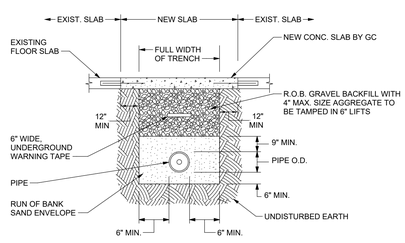
4 ROOF DRAIN DETAIL (RD-A)
NTS

MIXING VALVE SCHEDULE

TAG	LOCATION	SERVICE	MAXIMUM INLET HW SUPPLY TEMP	DESIGN FLOW (GPM)	CERTIFIED	DESIGN EQUIPMENT	REMARKS
TMV-A	BOILER ROOM	DOMESTIC HOT WATER DISTRIBUTION	140 DEG. F	68	ASSE-1017	POWERS LFMM434	

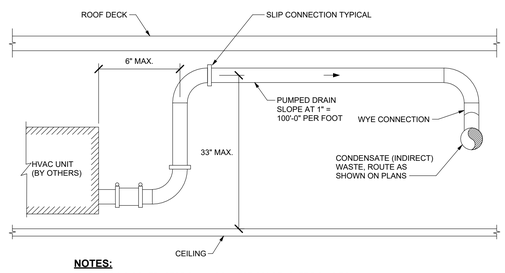
PLUMBING FIXTURE AND EQUIPMENT CONNECTION SCHEDULE

DESIGNATION	DESCRIPTION	COLD WATER	HOT WATER	WASTE/SOIL	VENT	COMMENTS
WC-A	WATER CLOSET, FLUSH VALVE TYPE	1"	-	4"	2"	ADA ACCESSIBLE
SHR-A	SHOWER	1/2"	1/2"	2"	2"	BUILT UP ENCLOSURE BY GC, ADA ACCESSIBLE
LAV-A	LAVATORY	1/2"	1/2"	1 1/2"	1 1/2"	
EWC-A	ELECTRIC WATER COOLER	1/2"	-	1 1/2"	1 1/2"	WALL MOUNTED, HC ACCESSIBLE
MSS-A	MOP SERVICE SINK	3/4"	3/4"	3"	2"	FLOOR MOUNTED



NOTE:
A. ALL BACKFILLING TO BE OBSERVED BY OWNER OR OWNER DESIGNATED REPRESENTATIVE.

5 TYPICAL TRENCH/FLOOR PATCH DETAIL
NTS

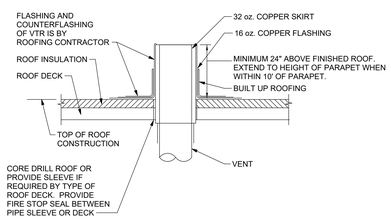


NOTES:
1. PLUMBING CONTRACTOR SHALL CONNECT CONDENSATE PIPING TO UNIT HEATER AND PROVIDE HARD PIPED TRAP, FITTINGS AND UNION, AS WELL AS ALL CONDENSATE (INDIRECT) PIPING.
2. REFER TO SPECIFICATIONS FOR PIPING AND INSULATION REQUIRMENTS.
3. ALL CONDENSATE (INDIRECT) WASTE PIPING SHALL BE TYPE DWV COPPER. PVC PIPING IS PROHIBITED.

6 CONDENSATE DRAIN CONNECTION DETAIL
NTS

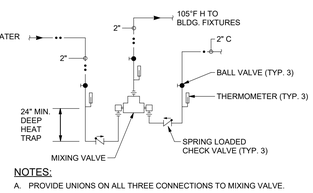
NOTE:
A. PROVIDE THIS ARRANGEMENT ON ALL HOT WATER RE-CIRCULATION BRANCHES AND WHERE NOTED ON PLANS

10 HOT WATER RECIRCULATION BALANCE VALVE ARRANGEMENT DETAIL
NTS



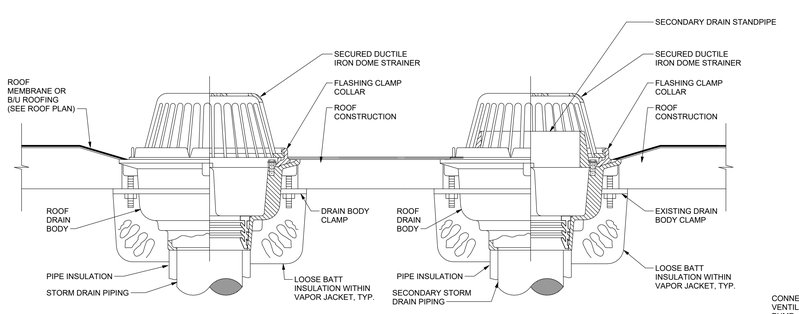
NOTE:
1. REFER TO PLANS FOR VENT THROUGH ROOF PIPE SIZES AND LOCATIONS. ANCHOR PIPE TO ROOF DECK OR PURLIN WITH U-BOAT AROUND PIPE AND ANGLE IRON, WELDED OR SCREWED TO ROOF DECK OR JOIST. LOCATE VENT THRU ROOF A MINIMUM THREE FEET FROM ROOF EDGE OR TEN FEET HORIZONTAL OR THREE FEET VERTICAL ABOVE ANY BUILDING OPENING OR FRESH AIR INTAKE, OR ONE FOOT FROM ANY VERTICAL SURFACE. LOCATE VENT THRU ROOF MINIMUM 18" FROM PARAPET, EXPANSION JOISTS, EQUIPMENT CURB, ETC. OFFSET IN CEILING SPACE WHERE REQUIRED TO MEET THESE CONDITIONS.

8 VENT THROUGH ROOF FLASHING DETAIL
NTS

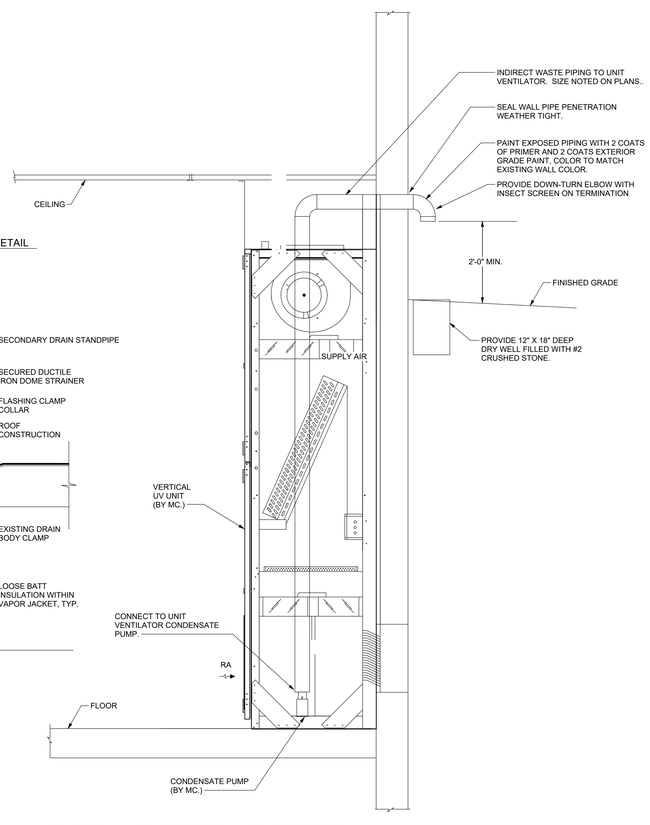


NOTES:
A. PROVIDE UNIONS ON ALL THREE CONNECTIONS TO MIXING VALVE.

9 MIXING VALVE DETAIL
NTS



11 ROOF DRAIN DETAIL (RD-B)
NTS



12 VERTICAL UV CONDENSATE DRAIN CONNECTION DETAIL
NTS

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: 23-44-7956

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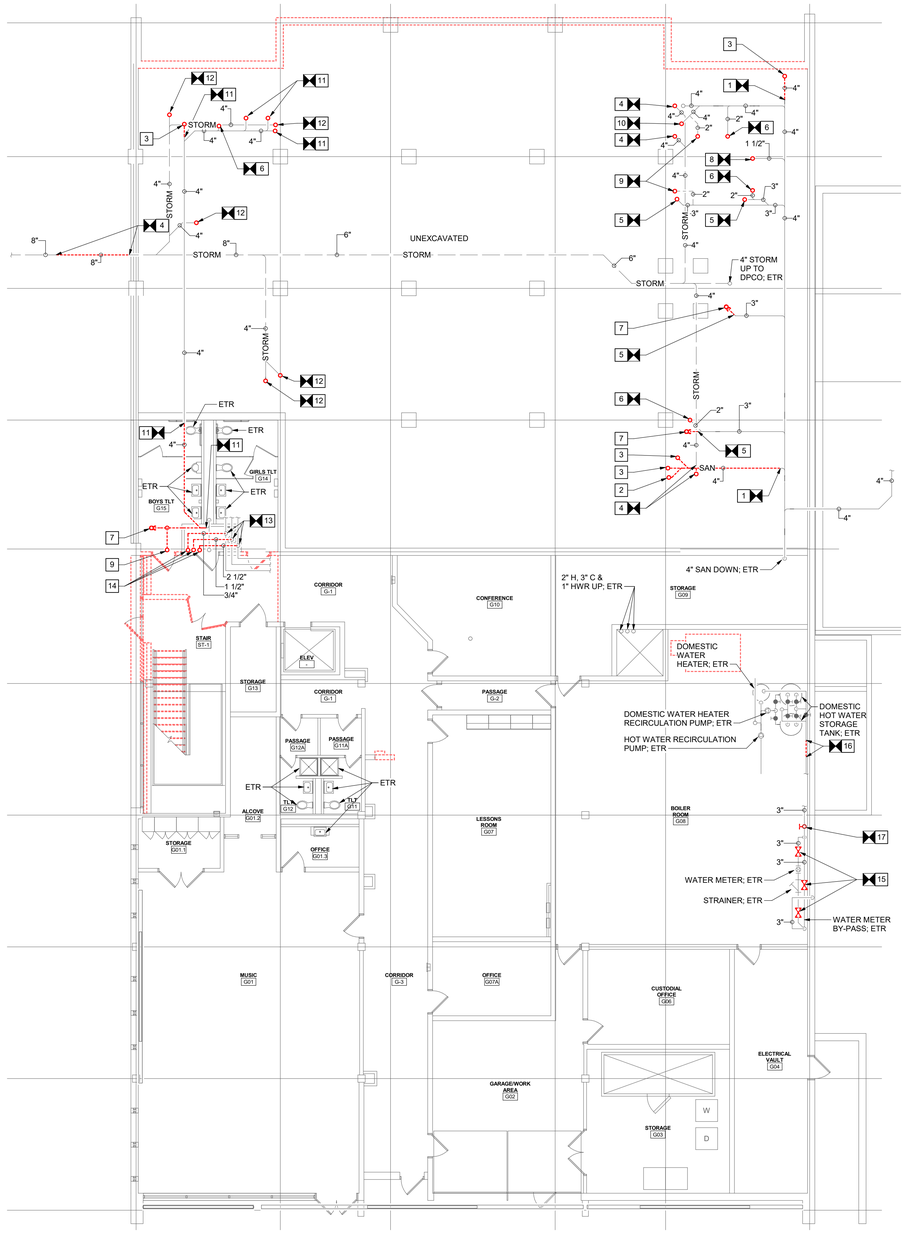
DRAWING TITLE:

GENERAL NOTES AND LEGENDS - PLUMBING

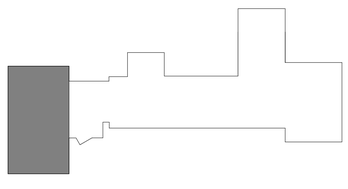
B P0.00



1 FOUNDATION/GROUND FLOOR PLAN - PLUMBING DEMOLITION
1/8" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE SAN PIPING TO LOCATION SHOWN. PREPARE REMAINING SAN PIPING FOR NEW CONNECTION. COORDINATE REQUIRED FLOOR SAWCUTTING WITH GC.
2. REMOVE 1 1/2" SAN PIPING UP TO ABOVE FLOOR.
3. REMOVE 4" SAN PIPING UP TO ABOVE FLOOR.
4. DISCONNECT AND REMOVE 4" STORM PIPING FROM LOCATION SHOWN AND PREPARE FOR NEW CONNECTION. REMOVE 4" STORM PIPING UP TO ABOVE FLOOR.
5. DISCONNECT AND REMOVE 3" SAN TO LOCATION SHOWN AND CAP.
6. DISCONNECT AND REMOVE 2" SAN TO LOCATION SHOWN AND CAP. REMOVE 2" SAN PIPING UP TO ABOVE FLOOR.
7. REMOVE 3" SAN WITH TRAP UP TO ABOVE FLOOR.
8. DISCONNECT AND REMOVE 1 1/2" SAN PIPING TO LOCATION SHOWN AND CAP. REMOVE 1 1/2" SAN PIPING UP TO ABOVE FLOOR.
9. DISCONNECT AND REMOVE 2" V PIPING TO LOCATION SHOWN AND CAP. REMOVE 2" V PIPING UP TO ABOVE FLOOR.
10. DISCONNECT AND REMOVE 4" SAN PIPING TO LOCATION SHOWN AND CAP. REMOVE 4" SAN PIPING UP TO ABOVE FLOOR.
11. DISCONNECT AND REMOVE 4" SAN PIPING TO LOCATION SHOWN AND CAP.
12. DISCONNECT AND REMOVE 4" STORM PIPING TO LOCATION SHOWN AND CAP.
13. DISCONNECT AND REMOVE 2 1/2" C, 1 1/2" H AND 3/4" HWR PIPING TO LOCATIONS SHOWN AND CAP.
14. REMOVE 2 1/2" C, 1 1/2" H AND 3/4" HWR PIPING UP TO ABOVE FLOOR.
15. DISCONNECT AND REMOVE GATE VALVE FROM 3" C PIPING. PREPARE 3" C PIPING FOR NEW CONNECTION.
16. DISCONNECT AND REMOVE 2" H PIPING FROM LOCATIONS SHOWN AND PREPARE FOR NEW CONNECTIONS.
17. DISCONNECT AND REMOVE BALL VALVE FROM 3" C PIPING. PREPARE 3" C PIPING FOR NEW CONNECTION.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
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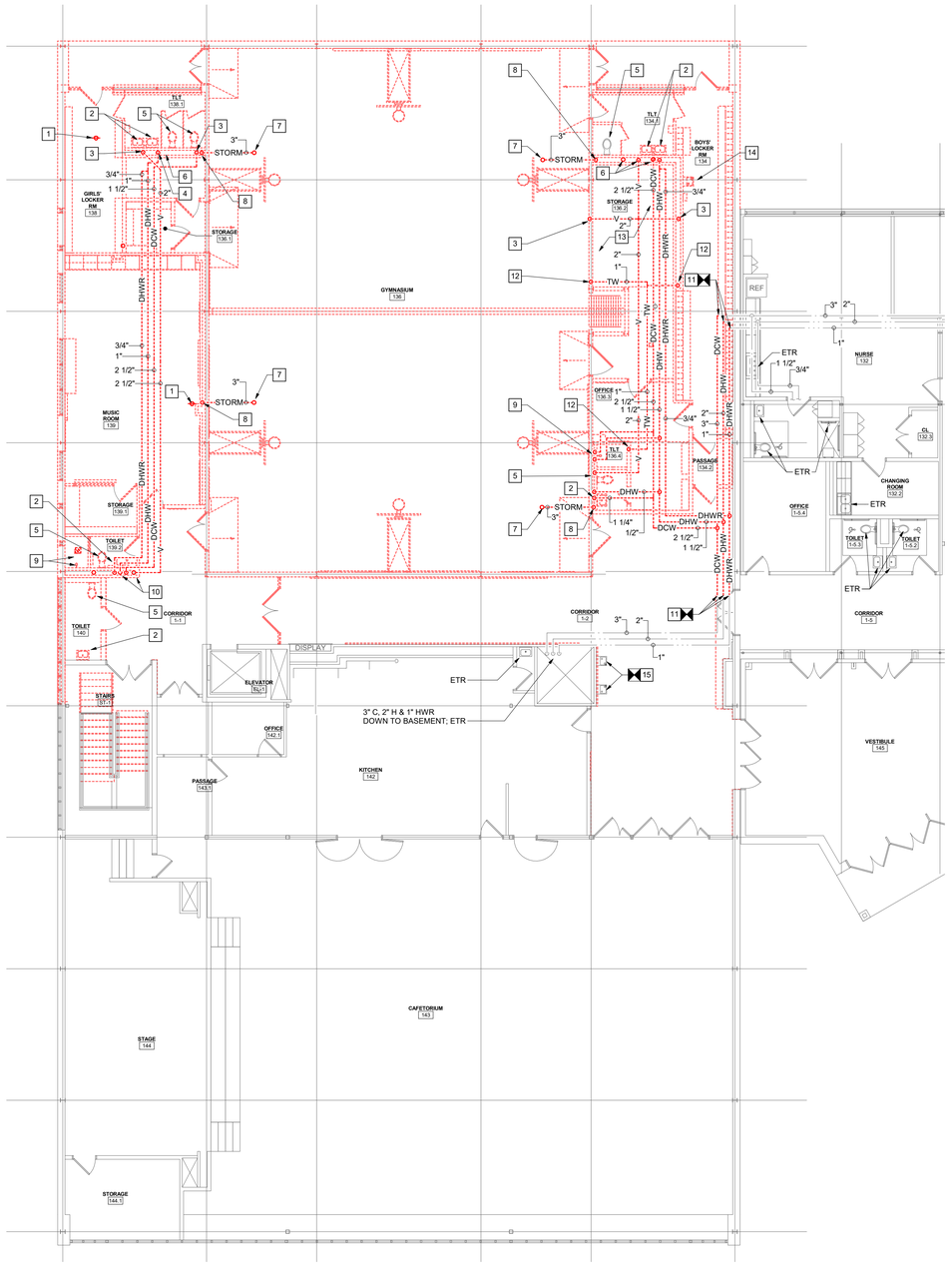
FOUNDATION/GROUND FLOOR PLAN - PLUMBING DEMOLITION

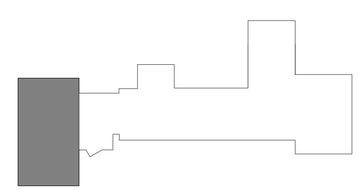
B P0.01

REMOVAL NOTES:

1. REMOVE DPCO COMPLETE. CAP SAN PIPING BELOW FLOOR.
2. REMOVE LAVATORY COMPLETE. REMOVE 1/2" H&C, 1 1/2" SAN AND V PIPING SERVING LAVATORY COMPLETE.
3. REMOVE V PIPING FROM PIPING CHASE COMPLETE.
4. REMOVE H PIPING SERVING PIPE CHASE COMPLETE.
5. REMOVE WATER CLOSET COMPLETE. REMOVE 1" C, 4" SAN AND 2" V SERVING WATER CLOSET COMPLETE.
6. REMOVE PLUMBING PIPING, FIXTURE CARRIERS AND TRIM FROM PIPE CHASE COMPLETE.
7. REMOVE STORM PIPING UP TO AND INCLUDING ROOF DRAIN COMPLETE.
8. REMOVE STORM PIPING DOWN TO BELOW FLOOR.
9. REMOVE SHOWER COMPLETE. REMOVE 1/2" H&C PIPING AND SHOWER DRAIN COMPLETE.
10. REMOVE 2 1/2" C, 1 1/2" H, 3/4" HWR AND 3" V PIPING COMPLETE.
11. DISCONNECT AND REMOVE 3" C, 2" H AND 1" HWR FROM LOCATIONS SHOWN AND PREPARE FOR NEW CONNECTION.
12. REMOVE TEMPERED WATER PIPING COMPLETE.
13. REMOVE SHOWERS AND FLOOR DRAINS COMPLETE.
14. REMOVE DRINKING FOUNTAIN COMPLETE. REMOVE C, SAN AND V PIPING SERVING DRINKING FOUNTAIN COMPLETE.
15. DISCONNECT AND REMOVE ELECTRIC WATER COOLER AND STORE IN A SAFE PLACE FOR REINSTALLATION. COORDINATE REMOVAL WITH EC FOR POWER DISCONNECTION. PREPARE C & SAN ROUGH-IN PIPING FOR NEW CONNECTIONS.



1 FIRST FLOOR PLAN - PLUMBING DEMOLITION
1/8" = 1'-0"



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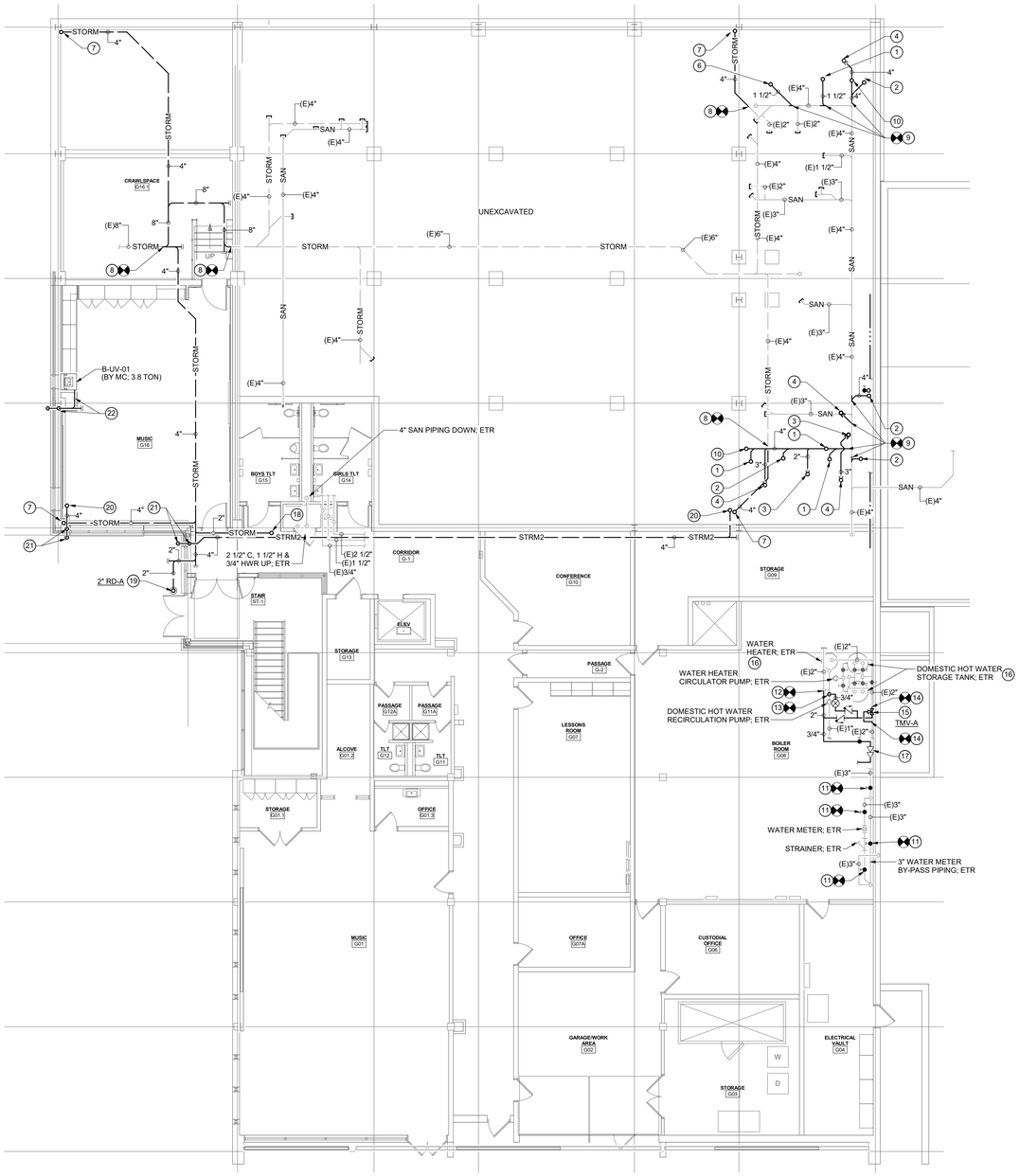
FIRST FLOOR PLAN - PLUMBING DEMOLITION

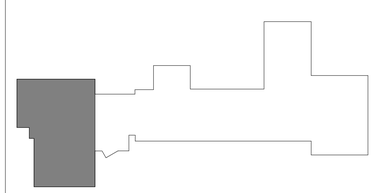
B P0.02



1 FOUNDATION/GROUND FLOOR PLAN - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. PROVIDE 1-1/2" SAN PIPING UP TO LAV.
2. PROVIDE 4" SAN PIPING UP TO WC.
3. PROVIDE 3" SAN PIPING WITH TRAP UP TO MSS.
4. PROVIDE 3" SAN PIPING WITH TRAP UP TO FD. PROVIDE FD WITH INLINE TRAP SEALER. REFER TO FLOOR DRAIN DETAIL ON DRAWING P0.00.
5. PROVIDE 2" SAN PIPING WITH TRAP UP TO SHR.
6. PROVE 1-1/2" SAN PIPING UP TO EWC.
7. PROVIDE 4" STORM PIPING UP TO ABOVE FLOOR.
8. PROVIDE STORM PIPING AND CONNECT TO EXISTING STORM PIPING AT LOCATION SHOWN. PIPE SIZES INDICATED ON PLAN.
9. PROVIDE SAN PIPING AND CONNECT TO EXISTING SAN PIPING AT LOCATION SHOWN. SIZE NOTED ON PLANS. PROVIDE CAMERA INSPECTION OF EXISTING SANITARY MAINS TO BE CONNECTED INTO PRIOR TO CONNECTIONS. REPORT ON ANY DAMAGED OR PROBLEM SECTION TO OWNERS REPRESENTATIVE, ARCHITECT AND/OR ENGINEER.
10. PROVIDE 4" SAN UP TO CLEANOUT.
11. PROVIDE ISOLATION BALL VALVE AND CONNECT TO EXISTING 3" C PIPING AT LOCATIONS SHOWN.
12. PROVIDE 2" C PIPING AND CONNECT TO EXISTING C PIPING AT LOCATION SHOWN.
13. PROVIDE 3/4" HWR PIPING AND CONNECT TO EXISTING HWR PIPING AT LOCATION SHOWN.
14. PROVIDE 2" H PIPING AND CONNECT TO EXISTING H PIPING AT LOCATION SHOWN.
15. PROVIDE THERMOSTATIC MASTER MIXING VALVE COMPLETE. PROVIDE 2" H&C AND 2" TEMPERED HOT WATER PIPING TO MIXING VALVE. SET OUTLET TEMPERATURE TO 120 DEG. F.
16. PROVIDE ADJUSTMENTS TO WATER HEATER, STORAGE TANK AQUASTATS, AND RECIRCULATION PUMP AQUASTAT TO CHANGE THE HOT WATER TEMPERATURE SET POINT TO 140 DEG. F.
17. PROVIDE 3/4" REDUCED PRESSURE ZONE (RPZ) BACKFLOW PREVENTER FOR HVAC MAKE-UP WATER CONNECTION. COORDINATE WITH MC FOR CONNECTION TO MECHANICAL EQUIPMENT. PROVIDE 3/4" C TO/FROM RPZ. PROVIDE 1 1/2" INDIRECT WASTE FROM RPZ RELIEF PORT DRAIN TO NEAREST FLOOR DRAIN.
18. PROVIDE 2" STORM UP TO ABOVE FLOOR.
19. PROVIDE 2" STORM UP TO AND INCLUDING ROOF DRAIN.
20. PROVIDE 4" SECONDARY STORM PIPING UP TO ABOVE FLOOR.
21. PROVIDE 4" SECONDARY STORM PIPING DOWN TO 2'-0" ABOVE FINISHED GRADE AND THROUGH EXTERIOR WALL WITH DOWNSPOUT NOZZLE. SEAL EXTERIOR WALL PENETRATION WEATHER TIGHT.
22. PROVIDE 1" INDIRECT WASTE TO UNIT VENTILATOR. UNIT VENTILATOR PROVIDED BY MC. PROVIDE 1" INDIRECT WASTE PIPING DOWN TO 2'-0" ABOVE FINISHED GRADE AND THROUGH EXTERIOR WALL WITH DOWN-TURN ELBOW AND INSECT SCREEN ON OUTLET. PAINT EXPOSED EXTERIOR PIPING AND FITTINGS WITH 2 COATS OF PRIMER AND TWO COATS OF EXTERIOR GRADE PAINT. COLOR TO MATCH WALL COLOR. SEAL WALL PENETRATION WEATHER TIGHT. COORDINATE WITH MC AND GC. REFER TO UNIT VENTILATOR DETAIL ON DRAWING B P0.00. PROVIDE DRYWELL BELOW INDIRECT WASTE OUTLET FLUSH WITH FINISHED GRADE. DRYWELL SHALL BE 12" DIAMETER BY 18" DEEP MINIMUM FILLED WITH #2 CRUSHED STONE.



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KEY PLAN

king + king ARCHITECTS

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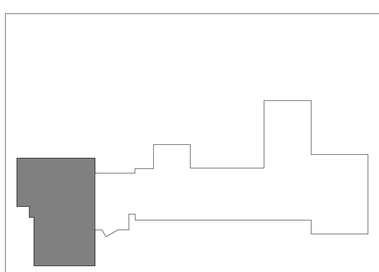
FOUNDATION/GROUND FLOOR PLAN - PLUMBING

B P1.01

1 FIRST FLOOR PLAN - PLUMBING
1/8" = 1'-0"

DRAWING NOTES:

1. CONNECT H, C , HWR PIPING TO EXISTING PIPING AT POINTS INDICATED. SIZE AS INDICATED ON PLAN.
2. PROVIDE LAVATORY COMPLETE. PROVIDE 1-1/2" V, 1/2" H&C PIPING DOWN TO LAV.
3. PROVIDE WATER CLOSET COMPLETE. PROVIDE 2" V, 1" C PIPING DOWN TO WC.
4. PROVIDE MOP SERVICE SINK COMPLETE. PROVIDE 2" V, 3/4" H&C PIPING DOWN TO MSS. PROVIDE 2" V PIPING DOWN TO BELOW FLOOR.
5. PROVIDE SHOWER COMPLETE. PROVIDE 2" V, 1/2" H&C PIPING DOWN TO SHR.
6. PROVIDE ELECTRIC WATER COOLER COMPLETE. PROVIDE 1-1/2" V, 1/2" C PIPING DOWN TO EWC.
7. PROVIDE RECESSED HOSE BIBB OR WALL HYDRANT COMPLETE. PROVIDE 3/4" C PIPING DOWN TO HOSE BIBB (HB) OR WALL HYDRANT (WH).
8. PROVIDE 2" V UP; 3" VTR.
9. PROVIDE 4" STORM PIPING DOWN TO BELOW FLOOR. PROVIDE WPCO AT BASE OF STACK 18" MINIMUM ABOVE FINISHED FLOOR.
10. PROVIDE 4" PRIMARY AND 4" SECONDARY STORM PIPING UP TO AND INCLUDING ROOF DRAIN. COORDINATE ROOF DRAIN FLASHING AND SEALING WITH GC.
11. PROVIDE 3" STORM PIPING UP TO AND INCLUDING ROOF DRAIN. COORDINATE ROOF DRAIN FLASHING AND SEALING WITH GC.
12. PROVIDE 2" STORM PIPING UP TO AND INCLUDING ROOF DRAIN. COORDINATE ROOF DRAIN FLASHING AND SEALING WITH GC.
13. PROVIDE RE-INSTALLATION OF EXISTING ELECTRIC WATER COOLER AT LOCATION SHOWN. COORDINATE WITH GC FOR WALL PATCHING REQUIREMENTS. COORDINATE WITH EC FOR POWER RECONNECTION. PROVIDE EXTENSION OF EXISTING C AND SAN ROUGH-IN PIPING AS REQUIRED FOR REINSTALLATION.
14. PROVIDE 2" STORM DOWN TO BELOW FLOOR.
15. PROVIDE 4" SECONDARY STORM PIPING DOWN TO 18" ABOVE FINISHED GRADE. PROVIDE 4" SECONDARY STORM PIPING THROUGH EXTERIOR WALL WITH DOWNSPOUT NOZZLE ON PIPE TERMINATION FLUSH WITH FINISHED EXTERIOR WALL. SEAL WALL PENETRATION WEATHER TIGHT.
16. PROVIDE 4" SECONDARY STORM PIPING DOWN TO BELOW FLOOR.
17. PROVIDE 3/4" INDIRECT WASTE TO FAN COIL UNIT CONDENSATE PUMP DISCHARGE. PROVIDE 1 1/2" STORM PIPING WITH P-TRAP AND FUNNEL AND ROUTE INDIRECT WASTE TO ABOVE P-TRAP WITH IDIRECT CONNECTION TO P-TRAP.
18. COORDINATE ROUTING OF INDIRECT WASTE PIPING IN THIS LOCATION WITH ROOF HATCH SUCH THAT INDIRECT WASTE PIPING DOES NOT INTERFERE WITH ROOF HATCH ACCESS. COORDINATE WITH GC.



PROJECT NORTH
KEY PLAN

king + king ARCHITECTS

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FIRST FLOOR PLAN - PLUMBING

B P1.02

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
(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
V	AUDIO/VIDEO OUTLET WITH CABLING. REFER TO DETAILS.

FIRE ALARM

SYMBOL	DESCRIPTION
S	SMOKE DETECTOR
S D	DUCT MOUNTED SMOKE DETECTOR
DTS	DUCT SMOKE DETECTOR TEST SWITCH
H	HEAT DETECTOR
B T	BEAM SMOKE DETECTOR TRANSMITTER
B R	BEAM SMOKE DETECTOR RECEIVER
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	WALL MOUNTED AUDIBLE NOTIFICATION APPLIANCE (SPEAKER)
F	CEILING MOUNTED AUDIBLE NOTIFICATION APPLIANCE (SPEAKER)
DH	ELECTROMAGNETIC DOOR HOLD OPEN
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
OS	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
OS-D	HIGH BAY CEILING MOUNTED PASSIVE INFRARED OCCUPANCY SENSOR
PC	PHOTOSENSOR
PC	PHOTOCELL
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)
	LINEAR LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	WALL MOUNTED LUMINAIRE (DESIGNATION REFERS TO LUMINAIRE SCHEDULE)
	ROUND DOWNLIGHT (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)

LINE STYLES

SYMBOL	DESCRIPTION
	INDICATES NEW DEVICE OR EQUIPMENT
	INDICATES EXISTING DEVICE OR EQUIPMENT
	INDICATES EXISTING DEVICE OR EQUIPMENT TO BE REMOVED
—E—	ELECTRIC
—UE—	UNDERGROUND ELECTRIC

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
	SPECIAL PURPOSE RECEPTACLE
X	HARD WIRED CONNECTION "X" INDICATES CIRCUIT NUMBER
J	JUNCTION BOX
M 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
HD	HAND DRYER
B	BELL OR BUZZER
	EXISTING PANELBOARD
	PANELBOARD, REFER TO PANELBOARD SCHEDULES
2 S2 S2	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 E2	LOWER CASE LETTER ADJACENT TO LUMINAIRE INDICATES SWITCHING ARRANGEMENT
RB 2a	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
S	PROFESSIONAL OR HORN TYPE SPEAKER
	WALL MOUNTED CLOCK
PA	PUBLIC ADDRESS SYSTEM HEAD END RACK

SCHEMATICS

SYMBOL	DESCRIPTION
	PANELBOARD
	TRANSFORMER
M	CURRENT TRANSFORMER CABINET WITH METER
A/ P	THERMAL MAGNETIC CIRCUIT BREAKER
AT AF SST	SOLID STATE / ELECTRONIC TRIP CIRCUIT BREAKER

SECURITY

SYMBOL	DESCRIPTION
CR	CARD READER
DC	DOOR CONTACT
DS	DOOR STRIKE
ER	EXIT REQUEST MOTION DETECTOR
PR	PROXIMITY READER
CCTV	SECURITY CAMERA

SITE

SYMBOL	DESCRIPTION
	ONE SITE LUMINAIRE ON POLE
	TWO SITE LUMINAIRES ON POLE
HH	HAND HOLE. LETTER DESIGNATES TYPE OF SERVICE: E-ELECTRIC T-TELECOMMUNICATIONS

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 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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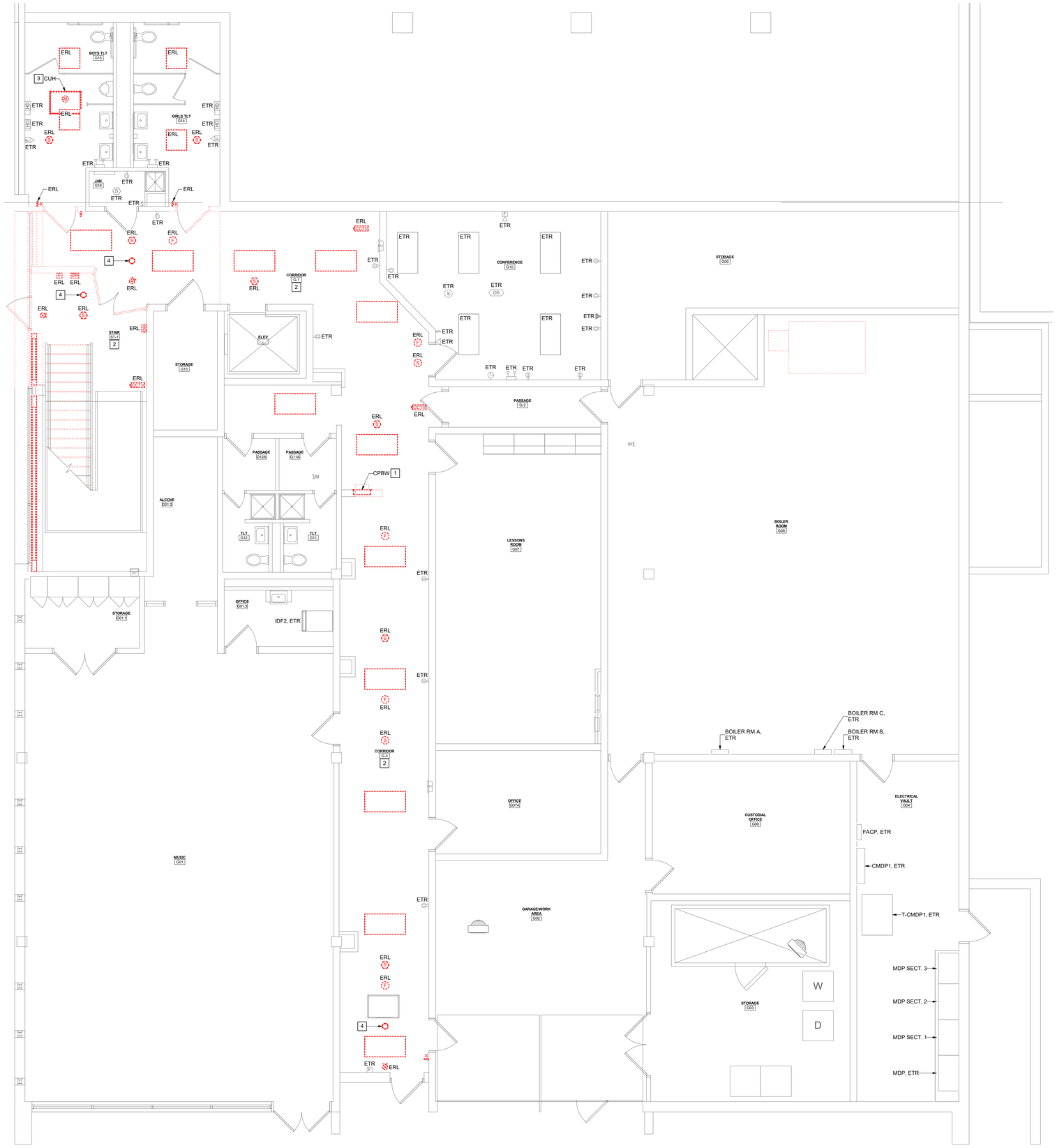
GENERAL NOTES & LEGENDS - ELECTRICAL

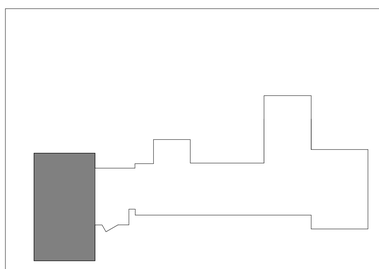
B E0.00

REMOVAL NOTES:

1. DISCONNECT AND REMOVE FLUSH PANELBOARD. REMOVE (9) 20A/1P BRANCH CIRCUITS TO ABOVE CEILING, TAG AND LABEL FOR REINSTALLATION IN REPLACEMENT PANELBOARD. REMOVE FEEDER CONDUCTORS BACK TO SOURCE. FEEDER CONDUIT SHALL REMAIN AND BE REUSED WITH REPLACEMENT CONDUCTORS.
2. DISCONNECT AND REMOVE LUMINAIRES AND LIGHTING CONTROLS IN THIS AREA. RETAIN THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT LUMINAIRES.
3. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO THE CEILING CABINET UNIT HEATER.
4. DISCONNECT AND REMOVE EMERGENCY LIGHTING DOWNLIGHT AND BRANCH CIRCUITING BACK TO SOURCE.



1 GROUND FLOOR PLAN - ELECTRICAL DEMOLITION
1/4" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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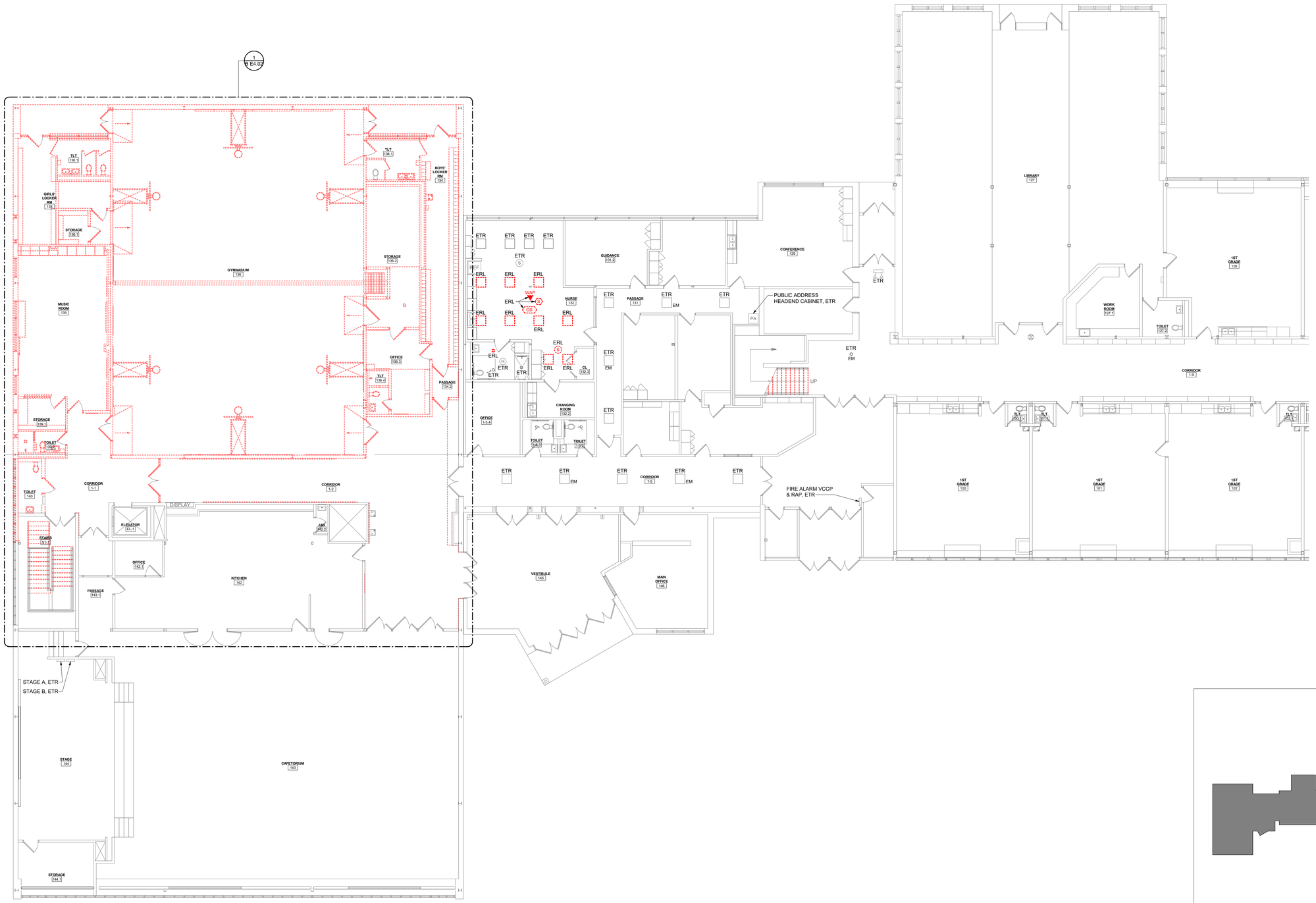
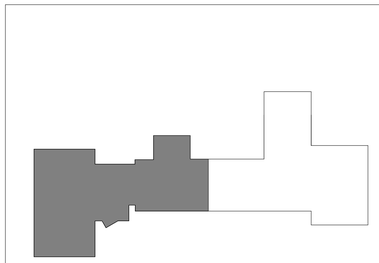
GROUND FLOOR PLAN - ELECTRICAL DEMOLITION

B E0.01



1 FIRST FLOOR PLAN - AREA A - ELECTRICAL DEMOLITION
1/8" = 1'-0"



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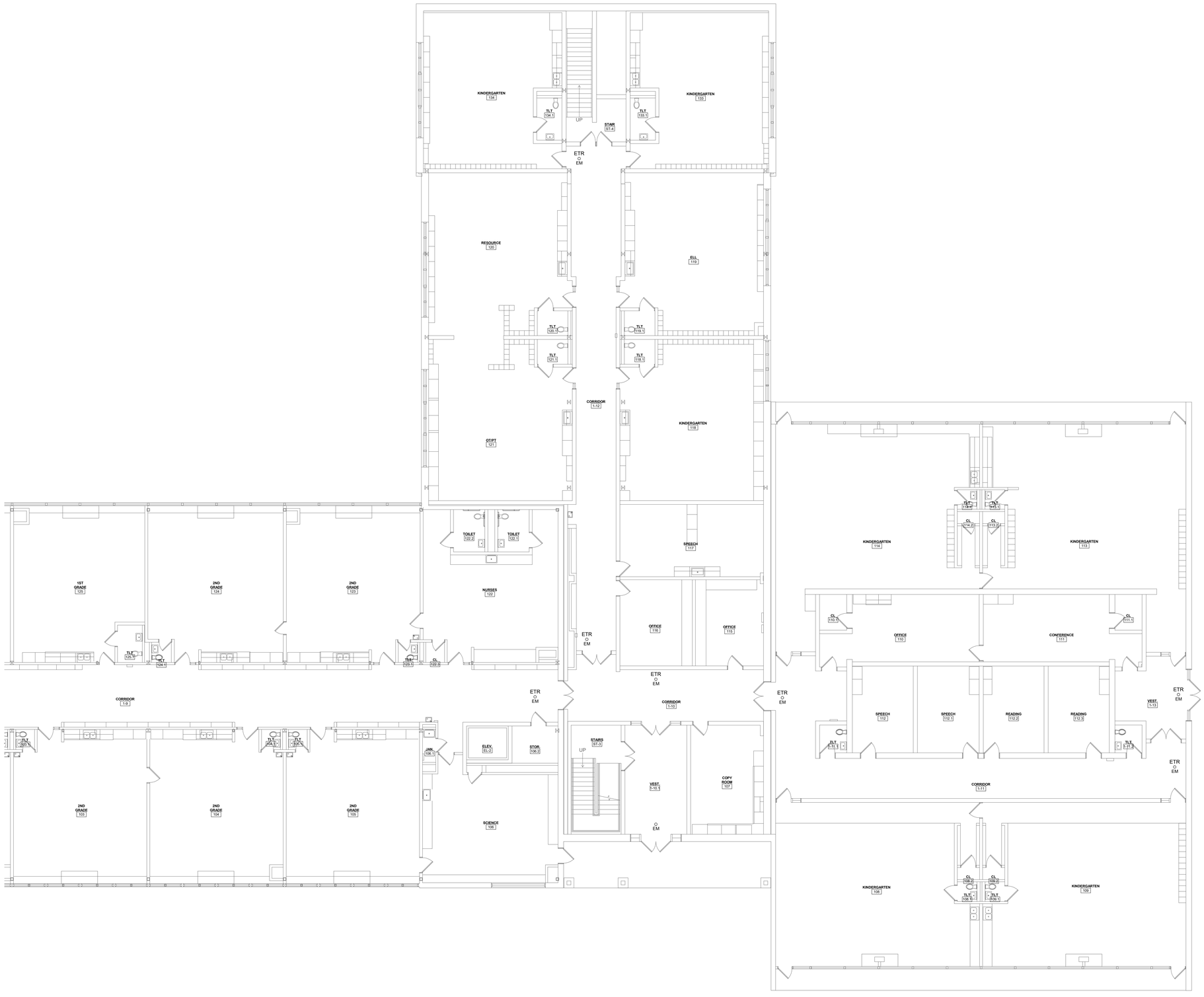
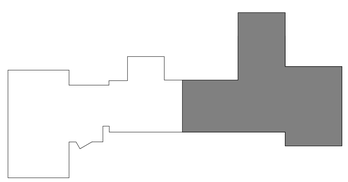
FIRST FLOOR PLAN - AREA A - ELECTRICAL DEMOLITION

B E0.02



1 FIRST FLOOR PLAN - AREA B - ELECTRICAL DEMOLITION
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

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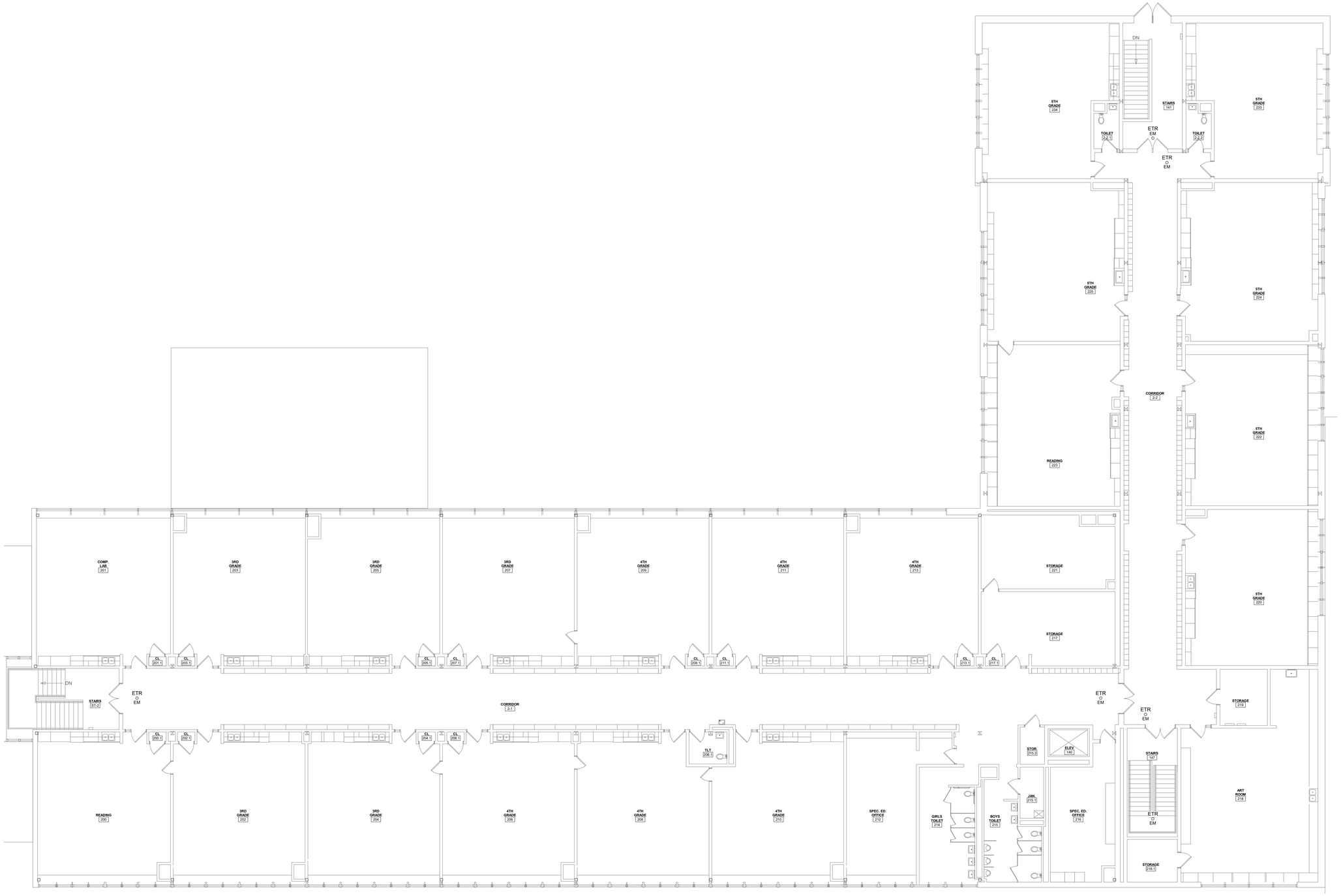
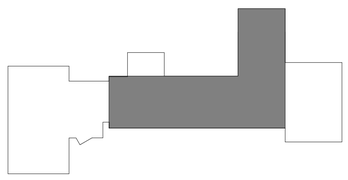
FIRST FLOOR PLAN - AREA B - ELECTRICAL DEMOLITION

B E0.03



1 SECOND FLOOR PLAN - ELECTRICAL DEMOLITION
1/8" = 1'-0"



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KEY PLAN

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DRAWING TITLE:

SEDCOND FLOOR PLAN - ELECTRICAL DEMOLITION

B E0.04

GENERAL SHEET NOTES:

A. LUMINAIRES WITH AN ADJACENT "NL" DESIGNATION SHALL BE UNSWITCHED.

B. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT TYPE EA AND XB LUMINAIRES TO THE LINE SIDE OF THE LOCAL LIGHTING BRANCH CIRCUIT.

C. UNLESS OTHERWISE NOTED, ALL RECEPTACLE AND LIGHTING BRANCH CIRCUITING SHOWN ON THIS SHEET SHALL BE CIRCUITED BACK TO PANELBOARD PP2.

D. ALL HORIZONTAL CABLING SHOWN ON THIS SHEET SHALL BE ROUTED BACK TO IDF2.

DRAWING NOTES:

1. PROVIDE NEW SURFACE MOUNTED PANELBOARD. MODIFY AND EXTEND (9) EXISTING TO REMAIN 20A/1P BRANCH CIRCUITS WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT AS REQUIRED TO RECONNECT TO CIRCUIT BREAKERS WITHIN THE NEW PANELBOARD. CONNECT CIRCUITS TO THE SAME CIRCUIT BREAKER NUMBER AS EXISTING. PROVIDE NEW FEEDER AS NOTED ON THE ONE-LINE RISER DIAGRAM ON SHEET B E5.01.
2. DEVICES FOR INTERACTIVE DISPLAY MONITOR. COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO ROUGH-IN.
3. DEVICES FOR TEACHER'S STATION. COORDINATE LOCATIONS WITH THE ARCHITECT PRIOR TO ROUGH-IN.
4. PROVIDE 120V CONNECTION (2-#10 AND 1-#10EG IN 3/4" CONDUIT) TO LIGHTING CONTACTOR CONTROL COIL FROM PANELBOARD BOILER ROOM A.
5. PROVIDE (2)-#10 AND (1)-#10EG IN 3/4" CONDUIT TO TYPE RD LUMINAIRES THROUGH THE LIGHTING CONTACTOR LOCATED IN CRAWLSPACE G16.1.
6. PROVIDE 25VA EMERGENCY LIGHTING INVERTER TO SERVE TYPE SC LUMINAIRE. INSTALL INVERTER ABOVE THE ACT CEILING IN STAIRWELL ST-1.
7. SUSPEND ALL LUMINAIRES IN THIS ROOM WITH THE BOTTOM OF THE FIXTURE AT THE SAME ELEVATION AS THE ACOUSTICAL SUSPENDED CLOUDS (APPROXIMATELY 10'-4" A.F.F.). COORDINATE FINAL ELEVATION WITH THE ARCHITECT.
8. PROVIDE CORNER MOUNT STYLE TYPE OS-8 OCCUPANCY SENSOR INSTALLED AT 9'-0" A.F.F. ANGLE THE SENSOR TO PROVIDE MAXIMUM COVERAGE OF THE SPACE.
9. INSTALL DOOR HOLD TO THE WALL PARTITION BELOW THE WINDOW.
10. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO ACCESS CONTROL POWER SUPPLY.

2 GROUND FLOOR PLAN - LIGHTING
1/8" = 1'-0"

1 GROUND FLOOR PLAN - POWER & SYSTEMS
1/8" = 1'-0"

PROJECT NORTH

KEY PLAN

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

king + king ARCHITECTS

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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SCALE: **AS NOTED**

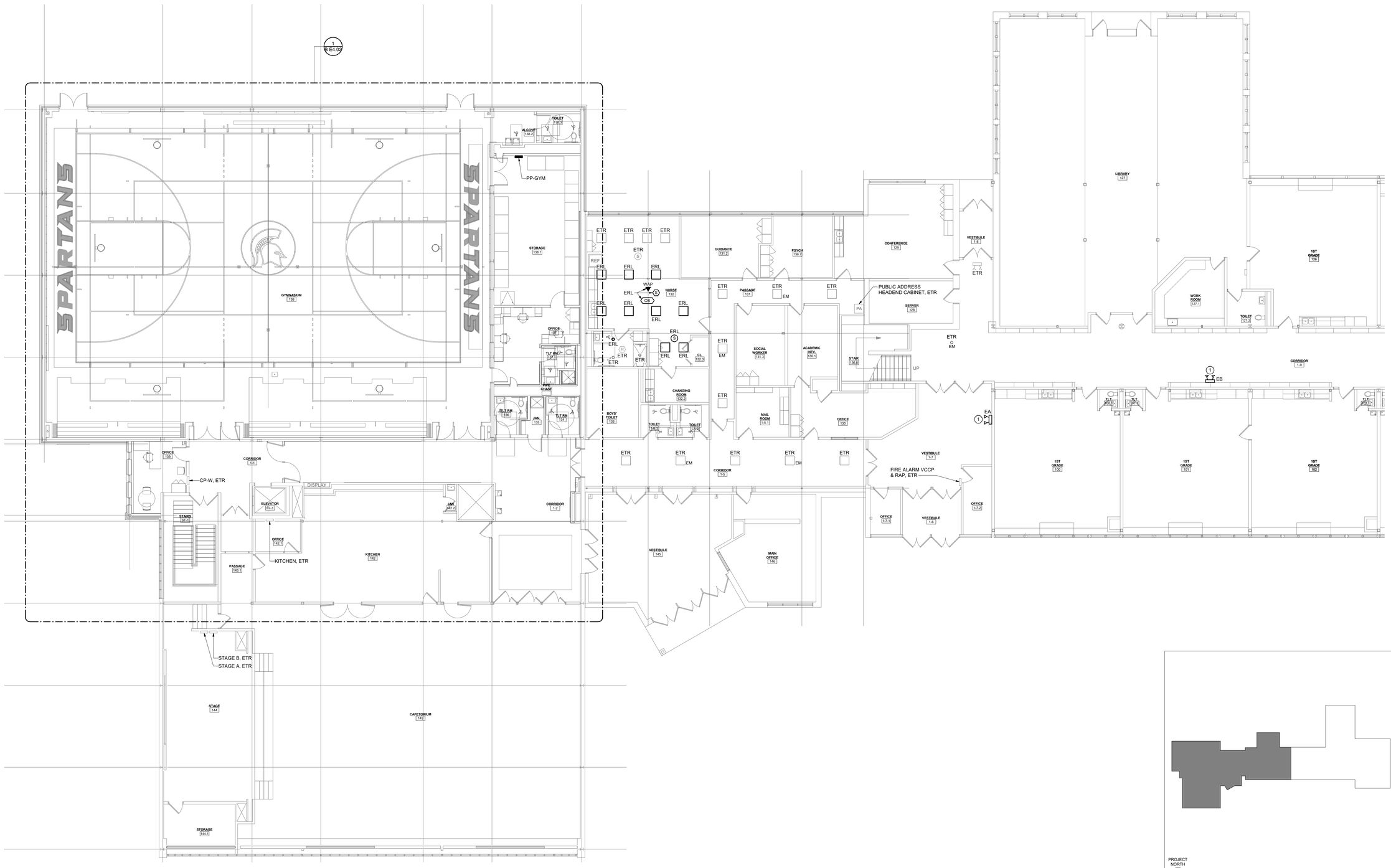
DRAWING TITLE:

GROUND FLOOR PLAN - ELECTRICAL

B E1.01

DRAWING NOTES:

1. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT EMERGENCY BATTERY PACK TO THE LINE SIDE OF THE LOCAL LIGHTING BRANCH CIRCUIT.



1 FIRST FLOOR PLAN - AREA A - ELECTRICAL
1/8" = 1'-0"

PROJECT NORTH

KEY PLAN

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SCALE: **AS NOTED**

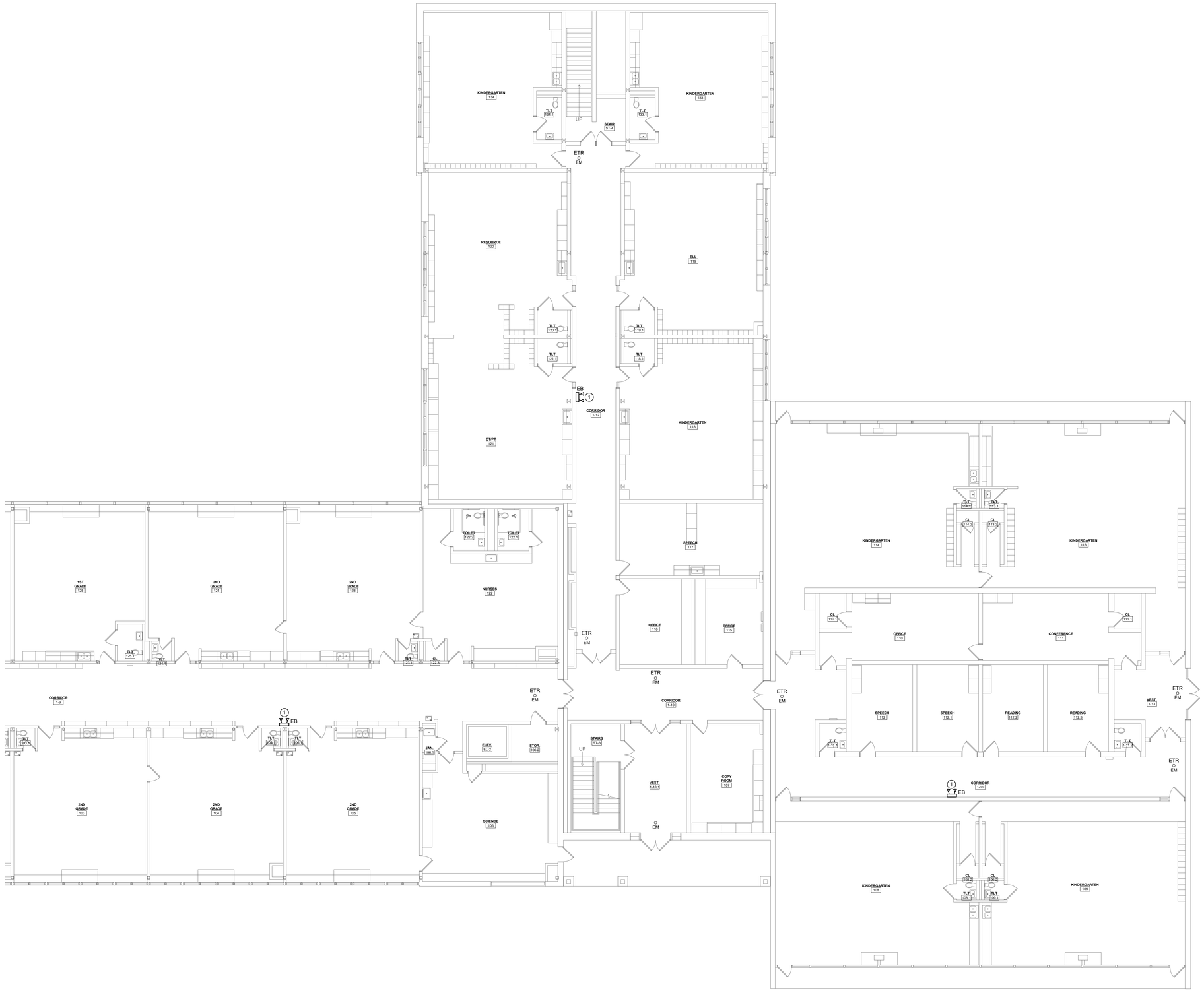
DRAWING TITLE:

FIRST FLOOR PLAN - AREA A - ELECTRICAL

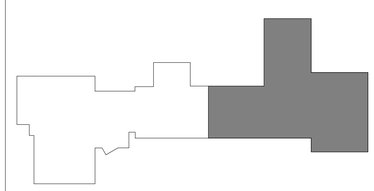
B E1.02

DRAWING NOTES:

1. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT EMERGENCY BATTERY PACK TO THE LINE SIDE OF THE LOCAL LIGHTING BRANCH CIRCUIT.



1 FIRST FLOOR PLAN - AREA B - ELECTRICAL
1/8" = 1'-0"



PROJECT NORTH

KEY PLAN

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DRAWING TITLE:

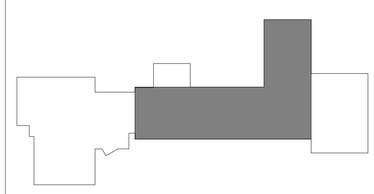
FIRST FLOOR PLAN - AREA B - ELECTRICAL

B E1.03

DRAWING NOTES:

1. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT EMERGENCY BATTERY PACK TO THE LINE SIDE OF THE LOCAL LIGHTING BRANCH CIRCUIT.

1 SECOND FLOOR PLAN - ELECTRICAL
1/8" = 1'-0"



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KEY PLAN

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SCALE: **AS NOTED**

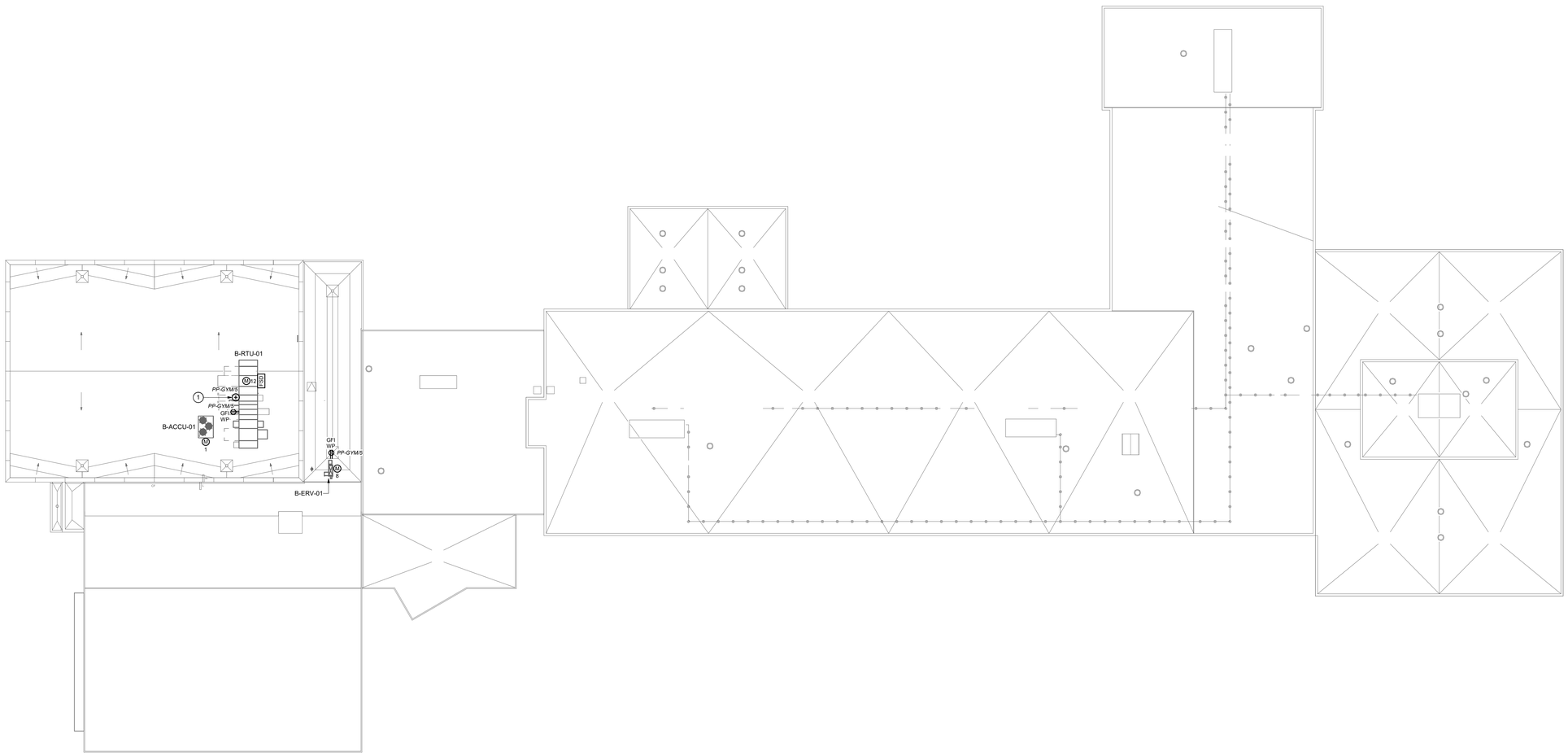
DRAWING TITLE:

SECOND FLOOR PLAN - ELECTRICAL

B E1.04

DRAWING NOTES:

1. PROVIDE 120V CONNECTION (2-#12 AND (1)-#12EG IN 3/4" CONDUIT) TO B-RTU-01 FOR PACKAGED LIGHTING AND SWITCH.



1 ROOF PLAN - ELECTRICAL
1/16" = 1'-0"

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KEY PLAN

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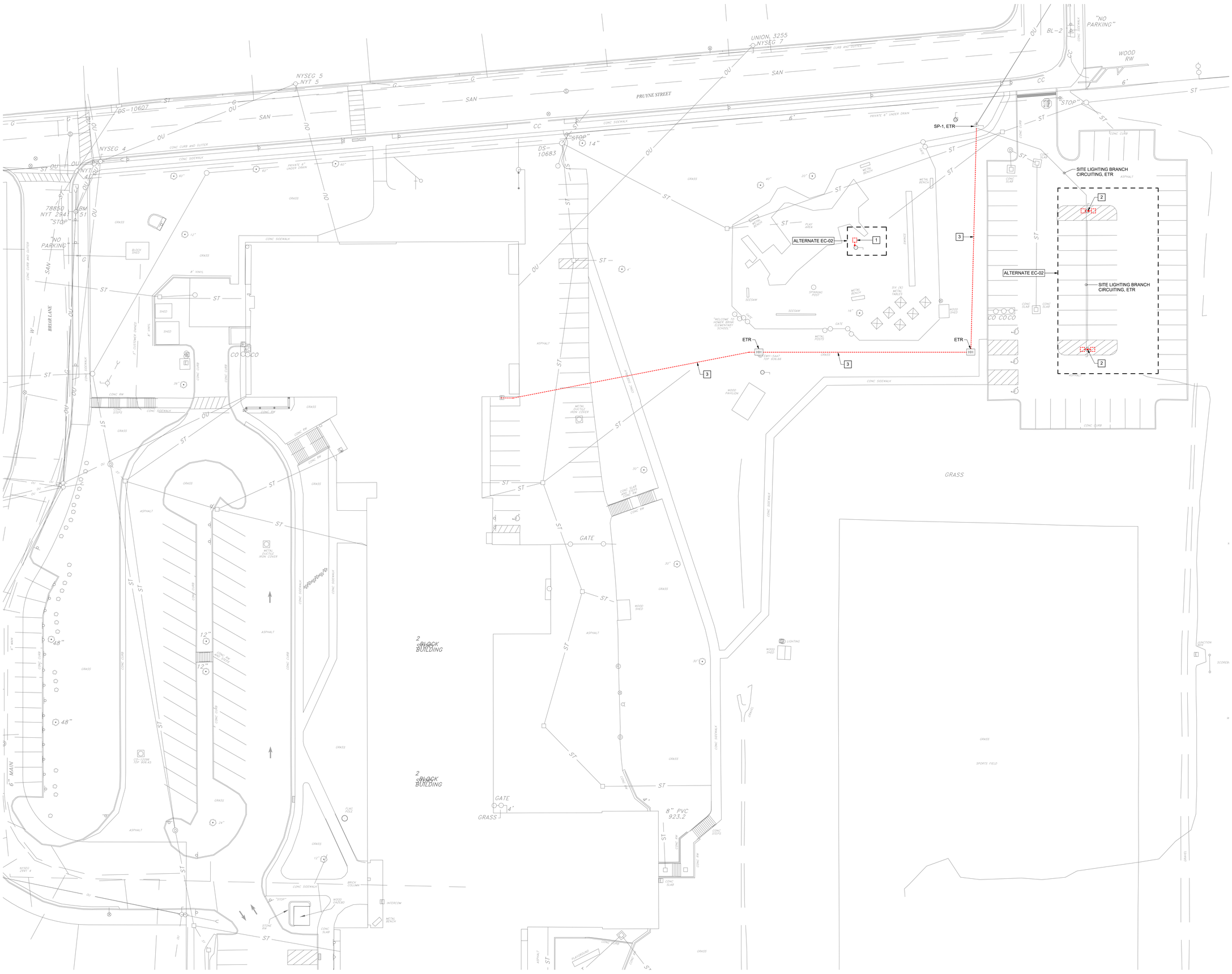
DRAWING TITLE:

ROOF PLAN - ELECTRICAL

B E1.05

REMOVAL NOTES:

1. DISCONNECT AND REMOVE SITE LIGHTING LUMINAIRE, POLE, BASE AND BRANCH CIRCUITING.
2. DISCONNECT AND REMOVE (2) SITE LIGHTING LUMINAIRE HEADS ON EXISTING POLE. EXISTING POLE, CONCRETE BASE AND BRANCH CIRCUITING SHALL REMAIN AND BE REUSED WITH REPLACEMENT LUMINAIRES. TURN LUMINAIRES OVER TO THE OWNER.
3. DISCONNECT 6-STRAND OPTICAL FIBER CABLING AND (3) CAT. 6 CABLES AND PULL BACK TO THE INTERIOR OF THE SCHOOL. LEAVE PULL STRINGS IN THE EXISTING CONDUIT TO ALLOW FOR CABLING TO BE PULLED BACK THROUGH THE CONDUIT.



1 SITE PLAN - ELECTRICAL DEMOLITION
1" = 20'-0"

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SCALE: **AS NOTED**

DRAWING TITLE:

SITE PLAN - ELECTRICAL DEMOLITION

B E3.01

DRAWING NOTES:

1. PROVIDE (2)-#10 AND (1)-#10EG IN 1" SCHEDULE 80 PVC CONDUIT TO SITE LUMINAIRE FROM BOILER ROOM PANELBOARD A.
2. PROVIDE (2)-#10 AND (1)-#10EG IN 1" SCHEDULE 80 PVC CONDUIT TO SITE LUMINAIRE FROM PANELBOARD SP-1.
3. PROVIDE 1" RGS CONDUIT TO STUB ABOVE GRADE AT APPROXIMATELY 24" TO PENETRATE INTO THE BUILDING.
4. PROVIDE NEW SITE LIGHTING LUMINAIRE HEADS INSTALLED TO THE EXISTING SITE LIGHTING POLE AND CONNECT TO THE EXISTING BRANCH CIRCUITING.
5. PULL EXISTING 6-STRAND OPTICAL FIBER CABLING AND (3) CAT. 6 CABLES THROUGH THE EXISTING UNDERGROUND CONDUITS AND RECONNECT TO THE EXISTING DEVICES.

1 SITE PLAN - ELECTRICAL
1" = 20'-0"

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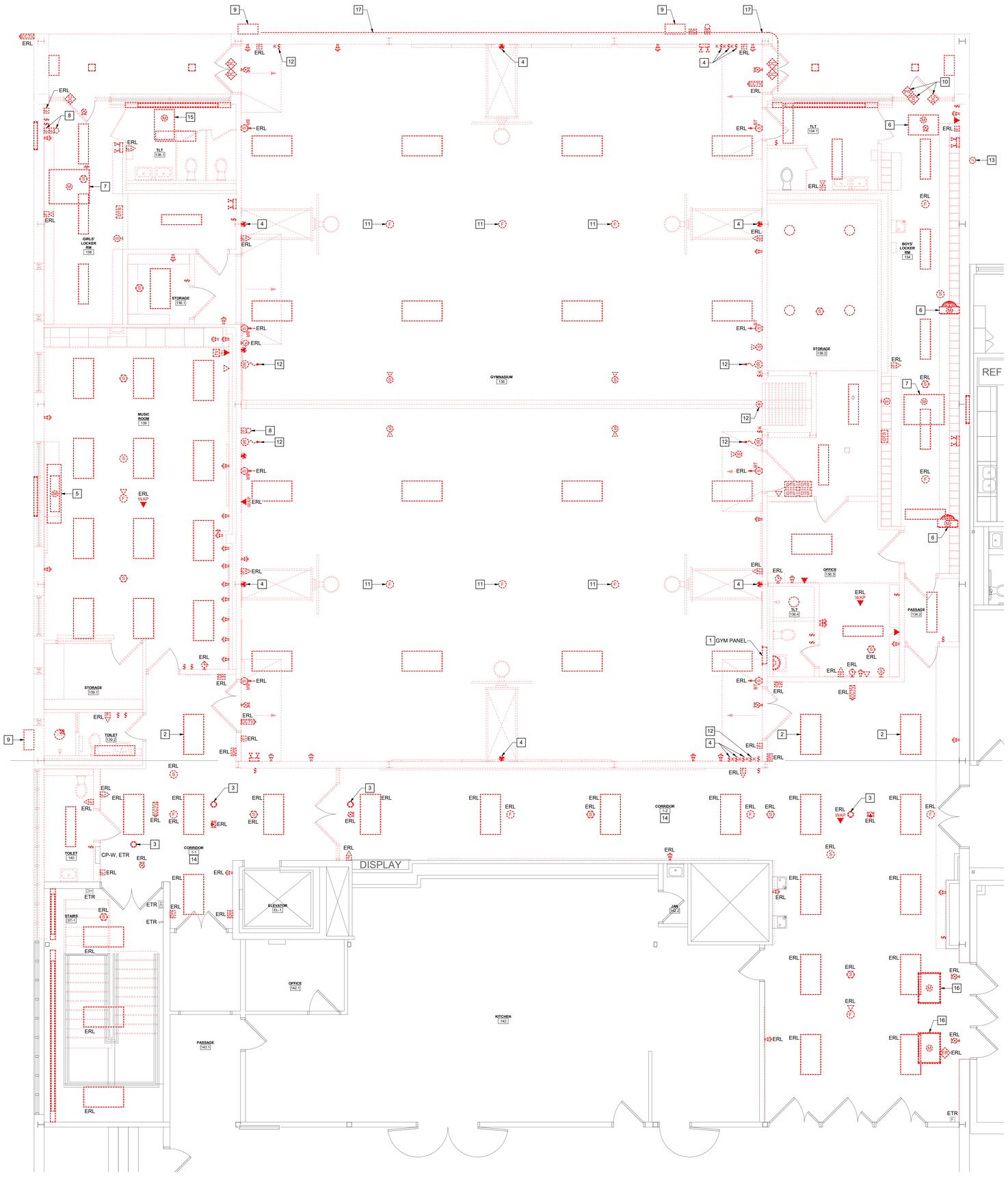
DRAWING TITLE:

SITE PLAN - ELECTRICAL

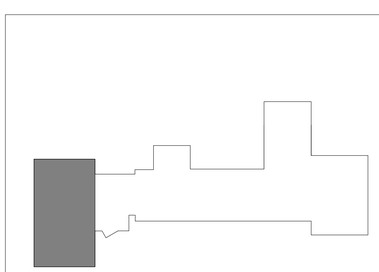
B E3.02



1 ENLARGED PLAN - GYMNASIUM - ELECTRICAL DEMOLITION
1/4" = 1'-0"

REMOVAL NOTES:

1. DISCONNECT AND REMOVE FLUSH PANELBOARD. REMOVE (7) 20A/1P BRANCH CIRCUITS (CIRCUITS #2, 8, 12, 29, 30, 31, 32) TO ABOVE CEILING, TAG AND LABEL FOR REINSTALLATION IN REPLACEMENT PANELBOARD. REMOVE FEEDER CONDUCTORS BACK TO SOURCE. RETAIN FEEDER CONDUIT AND PREPARE FOR CONDUIT EXTENSION TO NEW PANELBOARD.
2. DISCONNECT LED LUMINAIRE AND TURN OVER TO THE OWNER.
3. DISCONNECT AND REMOVE EMERGENCY LIGHTING DOWNLIGHT AND BRANCH CIRCUITING BACK TO SOURCE.
4. DISCONNECT AND REMOVE RECEPTACLE SERVING BACKBOARD WINCH MOTOR. REMOVE ALL WIRING AND CONDUIT BETWEEN THE WINCH AND KEY SWITCH OPERATOR.
5. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO UNIT VENTILATOR.
6. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO UNIT HEATER.
7. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO AIR HANDLING UNIT. REMOVE ALL ASSOCIATED STARTERS, DISCONNECT SWITCHES AND FIRE ALARM CONNECTIONS.
8. DISCONNECT AND REMOVE ABANDONED FIRE ALARM DEVICE. REMOVE ALL ASSOCIATED WIRING.
9. DISCONNECT EXTERIOR LUMINAIRE AND TURN OVER TO THE OWNER. REMOVE EXPOSED CONDUIT AND BRANCH CIRCUITING BETWEEN FIXTURES..
10. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO ACCESS CONTROL POWER SUPPLY. REMOVE ALL ACCESS CONTROL WIRING.
11. DISCONNECT FIRE ALARM SPEAKER AND TURN OVER TO THE OWNER.
12. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO GYMNASIUM OPERABLE PARTITION. REMOVE ALL SAFETY SENSOR, OPERATORS AND SYSTEM WIRING AND CONDUIT.
13. DISCONNECT AND REMOVE SURFACE MOUNTED JUNCTION BOX AND EXPOSED CONDUIT. PULL 6-STRAND OPTICAL FIBER CABLING AND (3) CAT. 6 CABLES BACK INSIDE THE BUILDING AND PROTECT FOR THE DURATION OF CONSTRUCTION. REFER TO SHEET B E3.01 FOR SITE ROUTING OF CABLING.
14. REMOVE SWITCHING FOR CORRIDOR LUMINAIRES. RETAIN THE LIGHTING BRANCH CIRCUIT HOMERUN FOR REUSE WITH REPLACEMENT SWITCHING.
15. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO EXHAUST FAN.
16. DISCONNECT AND REMOVE BRANCH CIRCUIT CONNECTION TO CABINET UNIT HEATER.
17. DISCONNECT AND REMOVE COMMUNICATIONS CABLES INSTALLED ON THE EXTERIOR OF THE BUILDING BACK TO THE UTILITY POLE ALONG PRUYNE STREE.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

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ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

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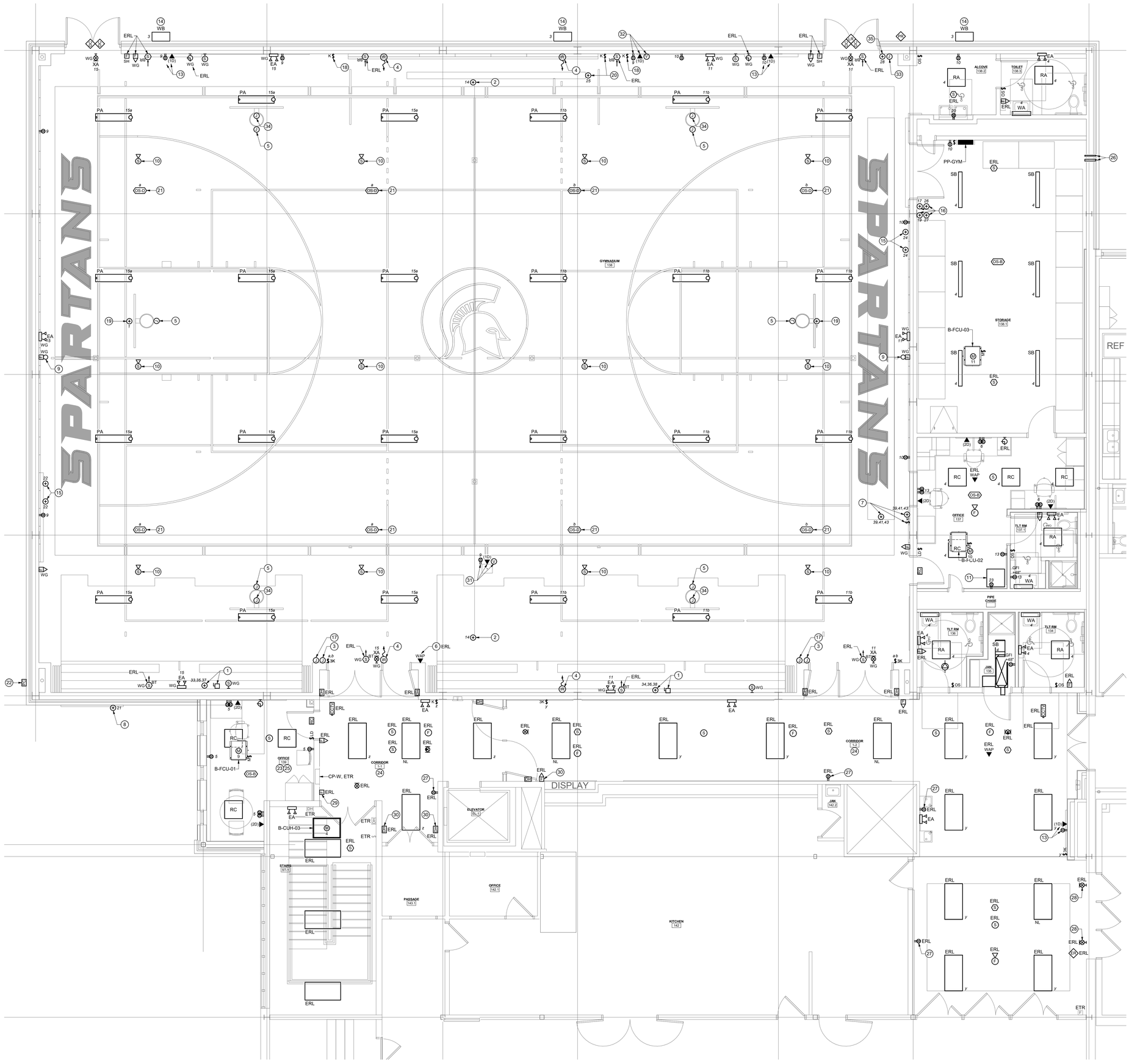
DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

ENLARGED PLAN - GYMNASIUM - ELECTRICAL DEMOLITION

B E4.01



1 ENLARGED PLAN - GYMNASIUM - ELECTRICAL
1/4" = 1'-0"

GENERAL SHEET NOTES:

A. UNLESS OTHERWISE NOTED, ALL BRANCH CIRCUITING SHOWN ON THIS SHEET SHALL BE CIRCUITED TO PANELBOARD PP-GYM.

B. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO TYPE EA AND XA LUMINAIRES TO THE LINE SIDE OF THE LOCAL LIGHTING BRANCH CIRCUIT.

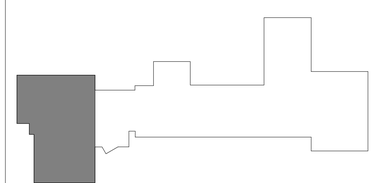
C. ALL LUMINAIRES WITH A NIGHT LIGHT "NL" DESIGNATION SHALL BE UNSWITCHED.

D. TYPE PA LUMINAIRES SHALL BE SUSPENDED WITH THE BOTTOM OF FIXTURE AT 20'-0" A.F.F.

E. WALL MOUNTED SPEAKERS, CLOCKS, DIVIDER CURTAIN SAFETY SENSORS AND TYPE EA EMERGENCY LIGHTING IN THE GYMNASIUM SHALL BE INSTALLED AT 10'-0" A.F.F.

DRAWING NOTES:

1. PROVIDE 208V CONNECTION (3-#12 AND 1-#12EG IN 3/4" CONDUIT) TO MOTORIZED BLEACHERS. PROVIDE DISCONNECT SWITCH WITH 5A FUSES AHEAD OF THE FINAL CONNECTION TO THE MOTOR.
2. PROVIDE 4" SQUARE JUNCTION BOX AND INSTALL 3-POLE TWISTLOCK RECEPTACLE FURNISHED WITH THE DIVIDER CURTAIN EQUIPMENT PACKAGE. LOCATE JUNCTION BOX WITHIN 3-FEET OF THE DIVIDER CURTAIN SYNCHRONIZING CONTROL PANEL. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO TWISTLOCK RECEPTACLE. PROVIDE TERMINATIONS OF THE 4-WIRE SJO CORD INTO THE TWISTLOCK RECEPTACLE FOR THE MOTOR AT THE OPPOSITE END OF THE SYNCHRONIZING CONTROL PANEL PER THE MANUFACTURER'S SPECIFICATIONS.
3. PROVIDE 4" SQUARE JUNCTION BOX FOR DIVIDER CURTAIN KEY SWITCH OPERATOR. PROVIDE 1/2" CONDUIT BETWEEN JUNCTION BOXES AND BACK TO THE DIVIDER CURTAIN CONTROLLER FOR CONTROL WIRING.
4. PROVIDE 4" SQUARE JUNCTION BOX FOR DIVIDER CURTAIN SAFETY SENSOR. PROVIDE 1/2" CONDUIT BACK TO THE DIVIDER CURTAIN FOR CONTROL WIRING. PROVIDE WIRE GUARD OVER THE SENSOR.
5. PROVIDE 4" SQUARE JUNCTION BOX AND INSTALL TWISTLOCK RECEPTACLE FURNISHED WITH THE BACKSTOP EQUIPMENT PACKAGE. PROVIDE (3)-#12 THHN WIRING IN 1/2" CONDUIT FROM THE BACKSTOP CONTROL PANEL TO THE RECEPTACLE. JUNCTION BOX AND RECEPTACLE SHALL BE INSTALLED WITHIN 2'-0" OF THE WINCH. COORDINATE EXACT LOCATION WITH THE GENERAL CONTRACTOR.
6. PROVIDE HINGED POLYCARBONATE ENCLOSURE WIRELESS ACCESS POINT. COORDINATE LOCATION OF WIRELESS ACCESS POINT WITH THE OWNER.
7. PROVIDE 208V CONNECTION (3-#12 AND 1-#12EG IN 3/4" CONDUIT) TO MAT LIFT CONTROL PANEL. PROVIDE (3)-#12 AND (1)-#12EG IN 3/4" CONDUIT FROM THE CONTROL PANEL TO THE MAT LIFT MOTOR. PROVIDE (3)-#18AWG STP WIRES IN 1/2" CONDUIT FROM THE CONTROL PANEL TO THE MOMENTARY KEY SWITCH OPERATOR PROVIDED WITH THE MAT LIFT EQUIPMENT PACKAGE. PROVIDE 4" SQUARE JUNCTION BOX AND INSTALL MOMENTARY KEY SWITCH.
8. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO ILLUMINATED SIGNAGE.
9. PROVIDE LARGE VENUE FIRE ALARM SPEAKER.
10. PROVIDE SOUND SYSTEM SPEAKER SUSPENDED WITH THE BOTTOM OF THE SPEAKER AT 20'-0" A.F.F. REFER TO THE GYMNASIUM SOUND SYSTEM RISER DIAGRAM ON SHEET B E5.02 AND SPECIFICATION 274116 FOR ADDITIONAL INFORMATION.
11. PROVIDE SOUND SYSTEM HEAD END EQUIPMENT AS DESCRIBED IN SPECIFICATION 274116. REFER TO THE GYMNASIUM SOUND SYSTEM RISER DIAGRAM ON SHEET B E5.02 FOR ADDITIONAL INFORMATION.
12. REINSTALL ALL CEILING MOUNTED LUMINAIRES, FIRE ALARM DEVICES, PUBLIC ADDRESS SPEAKERS, WIRELESS ACCESS POINTS AND SECURITY CAMERAS IN THIS AREA. CONNECT TO THE EXISTING BRANCH CIRCUITING AND SYSTEM WIRING.
13. PROVIDE RECEPTACLE AND DATA OUTLET INSTALLED BEHIND MONITOR. COORDINATE EXACT LOCATION WITH THE ARCHITECT.
14. INSTALL LUMINAIRE BELOW WINDOW. APPROXIMATE LUMINAIRE ELEVATION SHALL BE 18'-0" TO TOP OF FIXTURE. COORDINATE EXACT HEIGHT WITH THE FINAL WINDOW ELEVATION.
15. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO SCOREBOARD.
16. INSTALL (2) BACKSTOP CONTROL PANELS FURNISHED WITH THE BACKSTOP EQUIPMENT PACKAGE. PROVIDE (2) 120V CONNECTIONS (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO EACH BACKSTOP CONTROL PANEL.
17. PROVIDE 4"x4"x2.5" JUNCTION BOX FOR BACKSTOP TOUCHPAD CONTROLLER. PROVIDE (4)-#18 SHIELDED CABLES IN 1/2" CONDUIT FROM THE BACKSTOP CONTROL PANEL TO THE BACKSTOP TOUCHPAD CONTROLLER.
18. INSTALL MOMENTARY KEY SWITCH OPERATOR FOR DIVIDER CURTAIN FURNISHED WITH THE DIVIDER CURTAIN EQUIPMENT PACKAGE. PROVIDE (3)-#18 STP WIRES IN 1/2" CONDUIT FROM THE SYNCHRONIZING CONTROL PANEL TO THE KEY SWITCH OPERATORS. KEY SWITCH OPERATORS SHALL BE WIRED IN SERIES TO HAVE BOTH SWITCHES ACTIVATED AT THE SAME TIME TO OPERATE THE CURTAIN.
19. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO SHOT CLOCK INSTALLED IN MAIN COURT BACKSTOP.
20. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO MOTORIZED PROJECTION SCREEN. PROVIDE KEY SWITCH OPERATOR INSTALLED IN SERIES WITH THE PROJECTION SCREEN FOR OPERATION.
21. PROVIDE HIGH-BAY OCCUPANCY SENSOR INSTALLED TO THE UNDERSIDE OF STRUCTURAL STEEL.
22. PROVIDE PHOTOCELL INSTALLED ON BUILDING EXTERIOR FOR ILLUMINATED SIGNAGE AND CANOPY LIGHTING CONNECTED TO THE LIGHTING CONTACTOR CONTROL COIL LOCATED IN THE GROUND FLOOR MUSIC STORAGE ROOM.
23. PROVIDE CONNECTION OF RECEPTACLES IN THIS ROOM TO STAGE PANEL A.
24. PROVIDE REPLACEMENT SWITCHING TO CONTROL CORRIDOR LUMINAIRES. MODIFY AND EXTEND THE EXISTING LIGHTING BRANCH CIRCUIT HOMERUN WITH (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT AS REQUIRED TO CONNECT TO SWITCHES. PROVIDE SWITCHING AS SHOWN.
25. PROVIDE (2)-#12 AND (1)-#12EG IN 3/4" CONDUIT TO CONNECT LUMINAIRES IN THIS ROOM TO THE CORRIDOR LIGHTING BRANCH CIRCUIT HOMERUN.
26. EXTEND THE EXISTING 1" AND 2" CONDUITS STUBBED ABOVE GRADE UP THROUGH THE NEW WALL WITH RGS CONDUIT AND ELBOW INTO THE ABOVE CEILING SPACE. PULL THE EXISTING 6-STRAND OPTICAL FIBER CABLING AND (3) CAT. 6 CABLES THROUGH THE 2" CONDUIT AND ROUTE TO THE EXISTING DEVICES UP TO THE PLAYGROUND AND PARKING LOT. PROVIDE A PULL STRING IN THE 1" CONDUIT AND CAP.
27. PROVIDE JUNCTION BOX EXTENSION OVER THE EXISTING BACK BOX TO ALLOW FOR RECEPTACLE TO BE FLUSH WITH THE NEW WALL TILE.
28. REINSTALL EXIT SIGN BELOW THE NEW SOFFIT.
29. PROVIDE JUNCTION BOX EXTENSION OVER THE EXISTING BACK BOX TO EXTEND FIRE ALARM DEVICE TO THE FACE OF THE NEW WALL TILE.
30. REINSTALL FIRE ALARM DEVICE AND SURFACE RACEWAY OVER THE NEW WALL TILE.
31. PROVIDE RECEPTACLE, DATA OUTLET AND A/V OUTLET FOR PROJECTOR INSTALLED TO STRUCTURE. PROVIDE 1" CONDUIT FROM THE PROJECTOR A/V OUTLET LOCATION TO THE WALL STATION FOR CABLING.
32. PROVIDE RECEPTACLE, DATA OUTLET AND A/V OUTLET FOR PROJECTOR WALL STATION.
33. PROVIDE 4-GANG JUNCTION BOX AND INSTALL BACKSTOP HEIGHT ADJUSTMENT KEY SWITCHES FURNISHED WITH THE BACKSTOP EQUIPMENT PACKAGE. PROVIDE (3)-#12 THHN WIRING FROM THE BACKSTOP CONTROL PANEL TO THE KEY SWITCH AND (3)-#12 THHN WIRING FROM THE KEY SWITCH TO THE ASSOCIATED MOTOR. PROVIDE LABELING ON EACH KEY SWITCH TO INDICATE WHICH BACKSTOP IT CONTROLS.
34. PROVIDE 4" SQUARE JUNCTION BOX FOR BACKSTOP HEIGHT ADJUSTER. COORDINATE EXACT LOCATION WITH THE GENERAL CONTRACTOR.
35. PROVIDE 120V CONNECTION (2-#12 AND 1-#12EG IN 3/4" CONDUIT) TO ACCESS CONTROL POWER SUPPLY.



PROJECT NORTH

KEY PLAN

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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	10/12/26	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

ENLARGED PLAN - GYMNASIUM - ELECTRICAL

B E4.02

FEEDER SCHEDULE

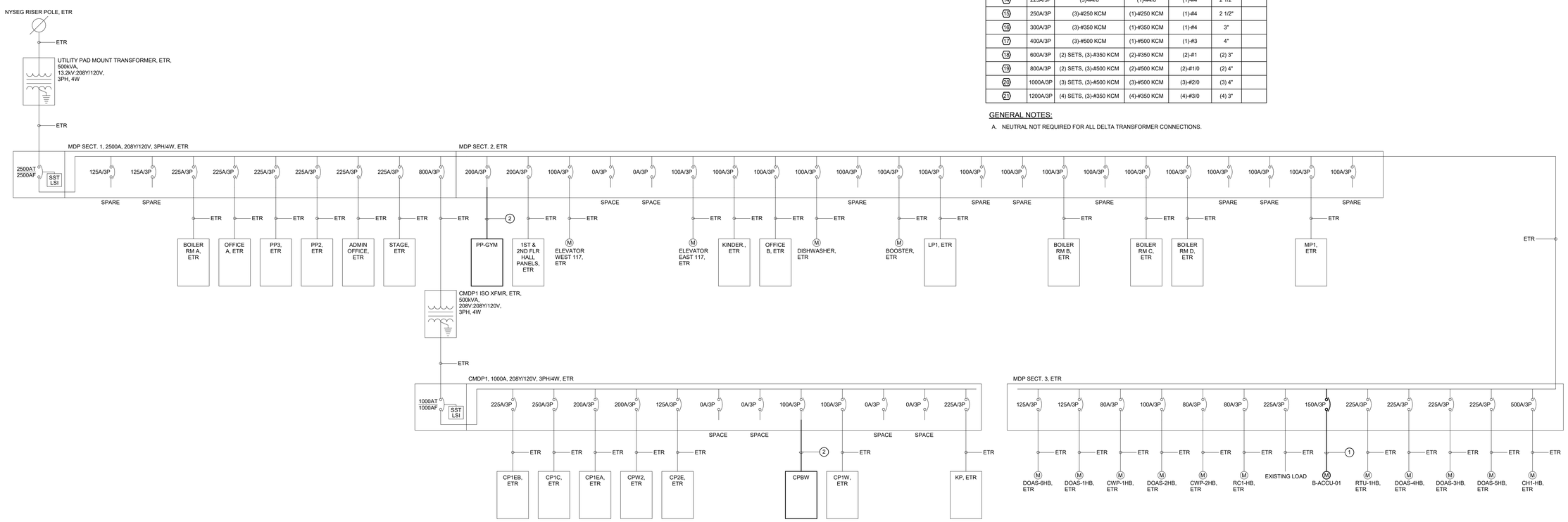
DESIGNATION	OCPD	PHASE	NEUTRAL	GROUND	CONDUIT	NOTES
1	20A/3P	(3)-#12	(1)-#12	(1)-#12	1/2"	
2	30A/3P	(3)-#10	(1)-#10	(1)-#10	3/4"	
3	40A/3P	(3)-#8	(1)-#8	(1)-#10	3/4"	
4	50A/3P	(3)-#6	(1)-#6	(1)-#10	1"	
5	60A/3P	(3)-#6	(1)-#6	(1)-#10	1"	
6	70A/3P	(3)-#4	(1)-#4	(1)-#8	1 1/4"	
7	80A/3P	(3)-#2	(1)-#2	(1)-#8	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"	

GENERAL NOTES:

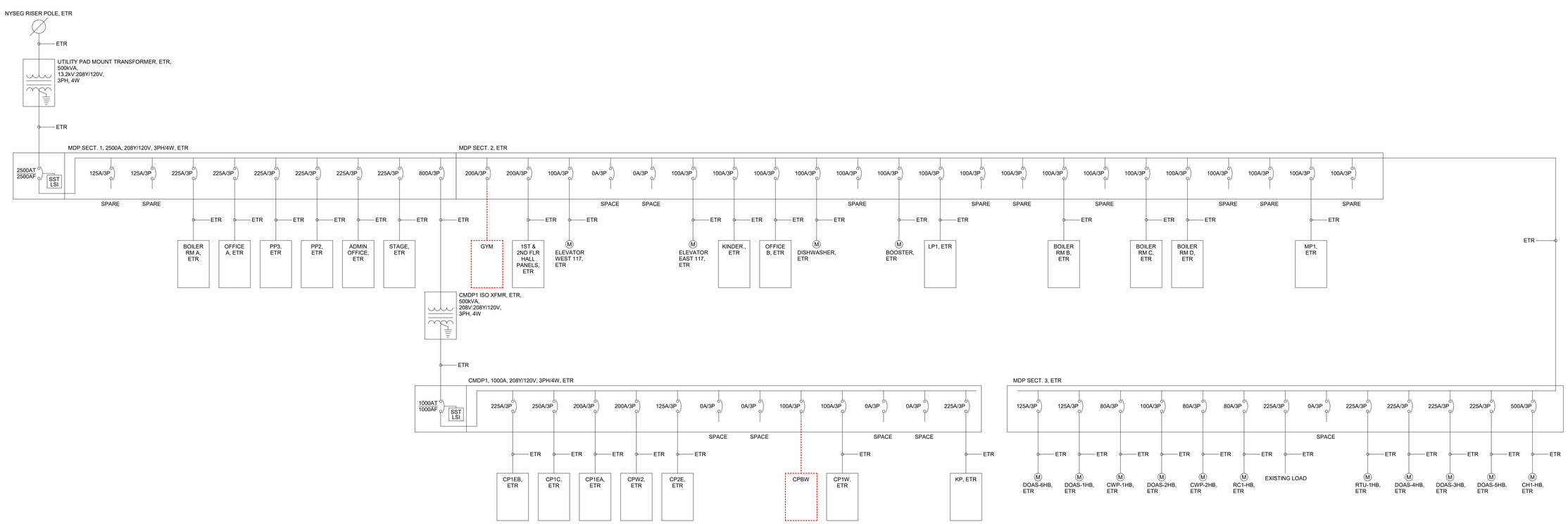
A. NEUTRAL NOT REQUIRED FOR ALL DELTA TRANSFORMER CONNECTIONS.

DRAWING NOTES:

1. REFER TO THE ELECTRIC EQUIPMENT AND CONTROL SCHEDULE FOR BRANCH CIRCUIT INFORMATION.
2. EXTEND THE EXISTING CONDUIT PATHWAY WITH THE CONDUIT SIZE NOTED ON THE FEEDER SCHEDULE. PROVIDE NEW FEEDER CONDUCTORS FOR THE ENTIRE LENGTH OF THE FEEDER.



2 ONE-LINE RISER DIAGRAM - ELECTRICAL
NTS



1 ONE-LINE RIDER DIAGRAM - ELECTRICAL DEMOLITION
NTS

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

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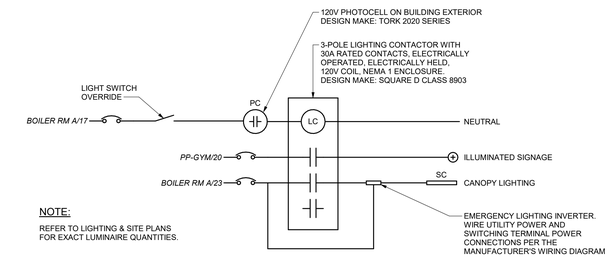
SCALE: **AS NOTED**

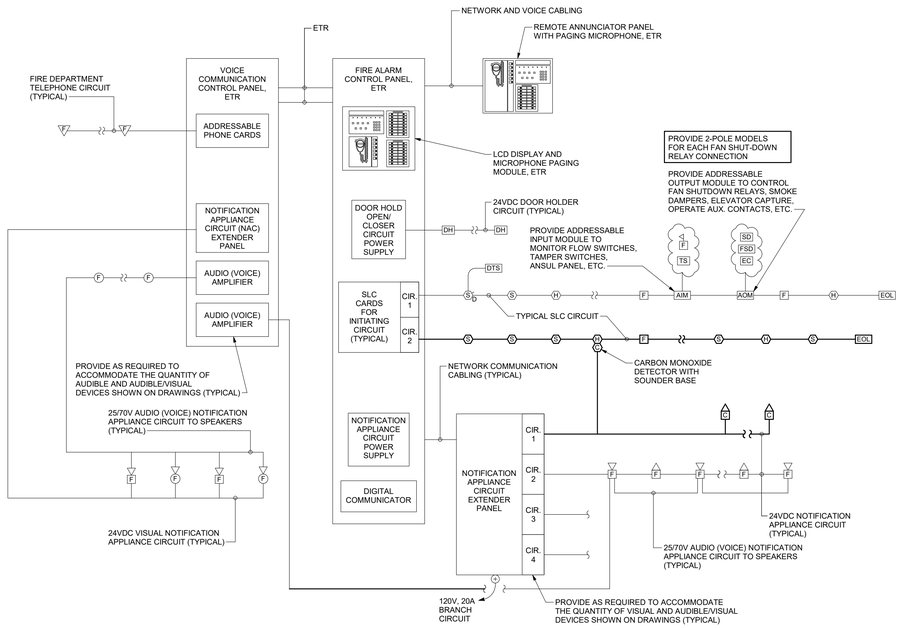
DRAWING TITLE:

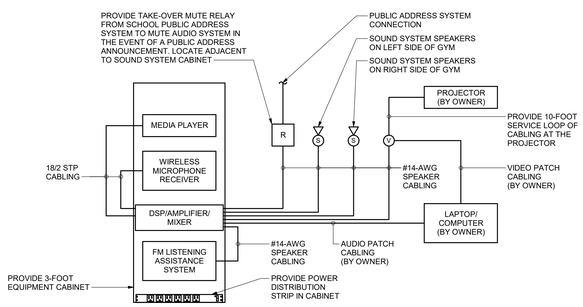
RISERS - ELECTRICAL

B E5.01



2 LIGHTING CONTACTOR WIRING SCHEMATIC
NTS





RISER NOTES:

A. THIS RISER IS DIAGRAMMATIC, NOT ALL DEVICES OR INTERCONNECTS ARE SHOWN.

B. PROVIDE ALL WIRING TYPES, SIZES AND INTERCONNECTIONS RECOMMENDED BY THE MANUFACTURER.

3 GYMNASIUM SOUND SYSTEM RISER DIAGRAM - ELECTRICAL
NTS

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
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
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ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

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DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

RISERS - ELECTRICAL

B E5.02

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	B-ACCU-01	ROOF	---	40.64 kVA	208 V	3	MDP SECT. 3	1	150 A	(3)-#1/0, (1)-#6EG IN 1 1/2"C	(3)-#1/0, (1)-#6EG IN 1 1/2"C	- - -	- - -	10	- - -	- - -	
2	B-CUH-01	STAIR ST-1	---	0.10 kVA	120 V	1	PP2	42	15 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	- - -	- - -	10	- - -	- - -	
3	B-CUH-02	CORRIDOR G-1	---	0.10 kVA	120 V	1	PP2	42	15 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	- - -	- - -	10	- - -	- - -	
4	B-CUH-03	STAIR ST-1	---	0.26 kVA	120 V	1	STAGE B	23	15 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	- - -	- - -	- - -	- - -	- - -	
5	B-CWP-01	BOILER ROOM G08	1 1/2	2.38 kVA	208 V	3	BOILER RM C	13,15,17	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	PKGD WITH ASD	- - -	6	AU	1	
6	B-CWP-02	BOILER ROOM G08	1 1/2	2.38 kVA	208 V	3	BOILER RM C	14,16,18	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	PKGD WITH ASD	- - -	6	AU	1	
7	B-EF-01	MUSIC G16	1/6	0.53 kVA	120 V	1	PP2	42	15 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	- - -	- - -	2	AU	1	
8	B-ERV-01	ROOF	---	1.03 kVA	208 V	2	PP-GYM	16,18	20 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	PKGD	- - -	10	- - -	- - -	
9	B-FCU-01	OFFICE 139	---	0.26 kVA	120 V	1	STAGE B	23	15 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	- - -	- - -	1	AU	1	
10	B-FCU-02	OFFICE 137	---	0.26 kVA	120 V	1	PP-GYM	7	15 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	- - -	- - -	1	AU	1	
11	B-FCU-03	STORAGE 138.1	---	0.26 kVA	120 V	1	PP-GYM	7	15 A	(2)-#12, (1)-#12EG IN 3/4"C	(2)-#12, (1)-#12EG IN 3/4"C	- - -	- - -	1	AU	1	
12	B-RTU-01	ROOF	---	26.89 kVA	208 V	3	PP-GYM	40,42,44	100 A	(3)-#2, (1)-#8EG IN 1 1/2"C	(3)-#2, (1)-#8EG IN 1 1/2"C	- - -	- - -	10, 14	- - -	- - -	
13	B-UV-01	MUSIC G16	---	1.25 kVA	120 V	1	PP2	36	20 A	(2)-#10, (1)-#10EG IN 3/4"C	(2)-#10, (1)-#10EG IN 3/4"C	- - -	- - -	10	- - -	- - -	
14	B-WSHP-01	BOILER ROOM G08	---	10.38 kVA	208 V	3	BOILER RM A	11,13,15	40 A	(3)-#8, (1)-#10EG IN 3/4"C	(3)-#8, (1)-#10EG IN 3/4"C	60A	NF	10	AU	1	

MOTOR STARTER/CONTROLLER NOTES:

1. MOTOR RATED SWITCH
2. MANUAL MOTOR STARTER
3. MANUAL MOTOR STARTER WITH RELAY
4. MAGNETIC STARTER
5. COMBINATION MAGNETIC STARTER
6. ADJUSTABLE SPEED DRIVE
7. COMBINATION TWO SPEED MAGNETIC STARTER
8. COMBINATION REDUCED VOLTAGE MAGNETIC STARTER
9. DUPLEX CONTROLLER WITH ALTERNATION CIRCUIT
10. PACKAGED CONTROL UNIT
11. H-O-A SELECTOR SWITCH IN COVER
12. PILOT LIGHT IN COVER
13. REMOTE START-STOP PUSHBUTTONS
14. FIRE ALARM FAN SHUTDOWN
15. LINE-VOLTAGE THERMOSTAT

GENERAL NOTES:

A. ALL DEVICES PROVIDE BY THE DIVISION 26 CONTRACTOR.
B. ITEM NUMBER INDICATES EQUIPMENT NUMBER.
C. ALL CONTROL DEVICES ARE TO BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.
D. PROVIDE OVERLOADS, SIZE AS REQUIRED BY NATIONAL ELECTRICAL CODE.
E. "ALI" INDICATES CONTROL DEVICE IS LOCATED AT UNIT.
F. "NF" INDICATES NON-FUSED.

ADJUSTABLE-SPEED DRIVE SCHEDULE

ITEM NO.	ITEM NAME	LOCATION	MOTOR HP	VOLTAGE	PHASE	DRIVE TYPE	BYPASS	UL ENCLOSURE RATING	DESIGN MAKE	REMARKS
4	B-CWP-01	BOILER ROOM	1.5	208 V	3	STANDARD 6-PULSE	NO	NEMA 1	ABB ACH580	
5	B-CWP-02	BOILER ROOM	1.5	208 V	3	STANDARD 6-PULSE	NO	NEMA 1	ABB ACH580	

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 NICKED CADMIUM BATTERY. SUITABLE FOR 50-FOOT SPACING.	LED DRIVER	1 WATT	120V	SURE-LITES - SEL SERIES	EMERGENSEE, EMERGI-LITE, EXITRONIX, LITHONIA
EB	HIGH PERFORMANCE 2-LAMP EMERGENCY LED WALL PACK, IMPACT RESISTANCE INJECTION MOLDED ABS THERMOPLASTIC CONSTRUCTION, EXTRUDED ALUMINUM HEAT SINKS, SELF-TESTING AND DELF-DIAGNOSTICS, INTEGRAL TEST SWITCH AND STATUS INDICATOR, LITHIUM IRON PHOSPHATE BATTERY SUITABLE WITH 90-MINUTE DURATION, SUITABLE FOR 114-FOOT ON-CENTER SPACING, WHITE FINISH	LED DRIVER	(2) 6 WATT LAMPS, 1300 LUMEN TOTAL OUTPUT	120V	EVENLITE - TELESIS TEBL SERIES	APPROVED EQUIVALENT
LA	SINGLE HEADED LED AREA LUMINAIRE, DIE-CAST ALUMINUM CONSTRUCTION, TYPE 4 FORWARD THROW DISTRIBUTION, BLACK FINISH. PROVIDE WITH A 15-FOOT, 4" ROUND ALUMINUM POLE WITH MATCHING FINISH. PROVIDE WITH INTEGRAL PHOTOCELL AND MOTION SENSOR TO DIM THE LUMINAIRE AFTER 15-MINUTES OF INACTIVITY. INCLUDE WITH PROGRAMMING REMOTE.	LED DRIVER SUITABLE FOR -40C TO 40C AMBIENT ENVIRONMENT	82 WATTS, 11,418 LUMENS, 4000K	120V	MCGRAW-EDISON - GALN SERIES	BEACON, GARDCO, LITHONIA
LB	DUAL HEADED (180-DEGREE) LED AREA LUMINAIRE, DIE-CAST ALUMINUM CONSTRUCTION, TYPE 3 AND TYPE 4-WIDE DISTRIBUTION, BLACK FINISH. PROVIDE WITH A 25-FOOT, 6" ROUND ALUMINUM POLE WITH MATCHING FINISH. PROVIDE WITH INTEGRAL PHOTOCELL AND MOTION SENSOR TO DIM THE LUMINAIRE AFTER 15-MINUTES OF INACTIVITY. INCLUDE ONE PROGRAMMING REMOTE.	LED DRIVER SUITABLE FOR -40C TO 40C AMBIENT ENVIRONMENT	TYPE 3: 121 WATTS, 16,845 LUMENS, 4000K. TYPE 4-WIDE: 121 WATTS, 16,999 LUMENS, 4000K	208V	MCGRAW-EDISON - GALN SERIES	BEACON, GARDCO, LITHONIA
LC	LED AREA LUMINAIRE, DIE-CAST ALUMINUM CONSTRUCTION, TYPE 4 FORWARD THROW DISTRIBUTION, DARK BRONZE FINISH. FIXTURE IS TO BE MOUNTED TO AN EXISTING SQUARE POLE. PROVIDE WITH INTEGRAL PHOTOCELL AND MOTION SENSOR TO DIM THE LUMINAIRE AFTER 15-MINUTES OF INACTIVITY. INCLUDE ONE PROGRAMMING REMOTE.	LED DRIVER SUITABLE FOR -40C TO 40C AMBIENT ENVIRONMENT	121 WATTS, 16,949 LUMENS, 4000K	120V	MCGRAW-EDISON - GALN SERIES	BEACON, GARDCO, LITHONIA
PA	45" L x 10" W PENDANT MOUNTED HIGH BAY LUMINAIRE, STEEL HOUSING AND CENTER CHANNEL, WIDE DISTRIBUTION, WHITE ENAMEL FINISH. PROVIDE WITH AIRCRAFT CABLE SUSPENSION KITS TO SUSPEND LUMINAIRE.	0-10V DIMMABLE LED DRIVER (1%-100%)	105 WATTS, 17,064 LUMENS, 3500K	120V	METALUX LIGHTING - OHBL SERIES	APPROVED EQUIVALENT
PB	4" WIDE x 5" DEEP x 9' LONG PENDANT MOUNTED LED LUMINAIRE, AIRCRAFT CABLE SUSPENSION, ALUMINUM CONSTRUCTION, WELDED END CAPS, SATIN FLUSH, HIGH DIFFUSION GLARE-FREE LENS, STEEL REFLECTORS, ELECTROSTATICALLY APPLIED POLYESTER POWDER COAT PAINTED FINISH SELECTED BY THE ARCHITECT	0-10V DIMMABLE LED DRIVER (1%-100%)	PER FOOT: 2.9 WATTS, 350 LUMENS, 3500K	120V	NEORAY - DEFINE SERIES	APPROVED EQUIVALENT
PC	4" WIDE x 5" DEEP x 16' LONG PENDANT MOUNTED LED LUMINAIRE, AIRCRAFT CABLE SUSPENSION, ALUMINUM CONSTRUCTION, WELDED END CAPS, SATIN FLUSH, HIGH DIFFUSION GLARE-FREE LENS, STEEL REFLECTORS, ELECTROSTATICALLY APPLIED POLYESTER POWDER COAT PAINTED FINISH SELECTED BY THE ARCHITECT	0-10V DIMMABLE LED DRIVER (1%-100%)	PER FOOT: 2.9 WATTS, 350 LUMENS, 3500K	120V	NEORAY - DEFINE SERIES	APPROVED EQUIVALENT
PD	4" WIDE x 5" DEEP x 6' LONG PENDANT MOUNTED LED LUMINAIRE, AIRCRAFT CABLE SUSPENSION, ALUMINUM CONSTRUCTION, WELDED END CAPS, SATIN FLUSH, HIGH DIFFUSION GLARE-FREE LENS, STEEL REFLECTORS, ELECTROSTATICALLY APPLIED POLYESTER POWDER COAT PAINTED FINISH SELECTED BY THE ARCHITECT	0-10V DIMMABLE LED DRIVER (1%-100%)	PER FOOT: 4.9 WATTS, 575 LUMENS, 3500K	120V	NEORAY - DEFINE SERIES	APPROVED EQUIVALENT
PE	4" WIDE x 5" DEEP x 16' LONG PENDANT MOUNTED LED LUMINAIRE, AIRCRAFT CABLE SUSPENSION, ALUMINUM CONSTRUCTION, WELDED END CAPS, SATIN FLUSH, HIGH DIFFUSION GLARE-FREE LENS, STEEL REFLECTORS, ELECTROSTATICALLY APPLIED POLYESTER POWDER COAT PAINTED FINISH SELECTED BY THE ARCHITECT	0-10V DIMMABLE LED DRIVER (1%-100%)	PER FOOT: 4.9 WATTS, 575 LUMENS, 3500K	120V	NEORAY - DEFINE SERIES	APPROVED EQUIVALENT
RA	2 ' x 2' RECESSED SPECIFICATION GRADE ARCHITECTURAL LED FLAT PANEL LED LUMINAIRE, 2" THICK PROFILE, ALUMINUM BEZEL WITH STEEL BACK PLATE, INTEGRAL GRID-LOCKING CLIPS, SCRATCH/IMPACT RESISTANT WHITE FROSTED ACRYLIC LENS	0-10V DIMMABLE LED DRIVER (1%-100%)	29.2 WATTS, 3307 LUMENS, 3500K	120V	METALUX LIGHTING - FP SERIES	COLUMBIA, DAY-BRITE, LITHONIA
RB	2' x 2' RECESSED SPECIFICATION GRADE ARCHITECTURAL TROFFER WITH COLD ROLLED STEEL HOUSING, FULLY LUMINOUS OPAL WHITE ANGLED SIDE LENSES, CENTER DIFFUSER WITH OPAL ACRYLIC LENS, REFLECTIVE WHITE ENAMEL FINISH, MAXIMUM 4" DEPTH.	0-10V DIMMABLE LED DRIVER (1%-100%)	26.6 WATTS, 3155 LUMENS, 3500K	120V	METALUX LIGHTING - RLN SERIES	AXIS DIA SERIES, FINELITE HPR SERIES, DAY-O-LITE HARMONY SERIES, ZUMTOBEL MELLOW LIGHT SERIES
RC	2' x 2' RECESSED SPECIFICATION GRADE ARCHITECTURAL TROFFER WITH COLD ROLLED STEEL HOUSING, FULLY LUMINOUS OPAL WHITE ANGLED SIDE LENSES, CENTER DIFFUSER WITH OPAL ACRYLIC LENS, REFLECTIVE WHITE ENAMEL FINISH, MAXIMUM 4" DEPTH.	0-10V DIMMABLE LED DRIVER (1%-100%)	30.57 WATTS, 3558 LUMENS, 3500K	120V	METALUX LIGHTING - RLN SERIES	AXIS DIA SERIES, FINELITE HPR SERIES, DAY-O-LITE HARMONY SERIES, ZUMTOBEL MELLOW LIGHT SERIES
SA	47" L x 6" W FULL METAL LINEAR FIXTURE WITH FIBERGLASS REINFORCED POLYESTER WATER TIGHT HOUSING. HIGH IMPACT POLYCARBONATE FROSTED PRISMATIC LENS. WET LOCATION AND IP67 RATED	LED DRIVER	44 WATTS, 5818 LUMENS, 3500K	120V	METALUX LIGHTING - VAPORTITE LED	COLUMBIA, DAY-BRITE, LITHONIA
SB	4' LONG x 5" WIDE SURFACE MOUNTED LED LUMINAIRE, FIE-FORMED COLD ROLLED STEEL CONSTRUCTION, INJECTION MOLDED END PLATES, FULL FROSTED WIDE DISTRIBUTION LENS, HIGH REFLECTIVE POST PAINTED WHITE FINISH	LED DRIVER	32.8 WATTS, 3573 LUMENS, 3500K	120V	METALUX - SWLED SERIES	COLUMBIA, DAY-BRITE, LITHONIA
SC	3" WIDE x 4.5" TALL x 10' LONG SURFACE MOUNTED LED LUMINAIRE, IP66 RATED AND RATED FOR OUTDOOR USE, EXTRUDED ALUMINUM HOUSING, DIE CAST ALUMINUM END CAPS WITH POWDER COATED STEEL END PLATE, UV STABILIZED POLYCARBONATE LENS, ELECTROSTATICALLY APPLIED POLYESTER POWDER COAT PAINT FINISH SELECTED BY ARCHITECT	0-10V DIMMABLE LED DRIVER (1%-100%) SUITABLE FOR OPERATION IN -40C TO 40C AMBIENT ENVIRONMENT	PER FOOT: 5.1 WATTS, 350 LUMENS, 4000K	120V	NEORAY - TORRENT SERIES	APPROVED EQUIVALENT
WA	25" W x 3' D LINEAR WALL MOUNTED VANITY LUMINAIRE WITH OPAL MATTE ARCYLIC LENS, SOLID ALUMINUM END CAPS, WHITE POWDER COAT FINISH.	0-10V DIMMABLE LED DRIVER (1%-100%)	18 WATTS, 1242 LUMENS, 3500K	120V	SCOTT ARCHITECTURAL LIGHTING - S3875 SERIES	APPROVED EQUIVALENT
WB	WALL MOUNTED ARCHITECTURAL LED OUTDOOR WALL PACK, CYLINDER SHAPE, TYPE 4 FORWARD THROW DOWNLIGHT DISTRIBUTION, DIE-CAST ALUMINUM HOUSING, BLACK FINISH. PROVIDE WITH INTEGRAL PHOTOCELL AND MOTION SENSOR TO DIM THE LUMINAIRE AFTER 15-MINUTES OF INACTIVITY. PROVIDE WITH COLD WEATHER BATTERY BACKUP.	LED DRIVER SUITABLE FOR -40C TO 40C AMBIENT ENVIRONMENT	58.2 WATTS, 7099 LUMENS, 4000K	120V	MCGRAW-EDISON - ISC SERIES	BEACON, GARDCO, LITHONIA
XA	SINGLE FACE WALL MOUNTED LED EXIT SIGN WITH RED LETTERING, DIE-CAST ALUMINUM HOUSING, SEALED NICKEL CADMIUM BATTERY BACKUP, INTEGRAL TEST SWITCH AND POWER INDICATOR LIGHT.	LED DRIVER	1 WATT	120V	SURE-LITES - CX SERIES	EMERGENSEE, EMERGI-LITE, EXITRONIX, LITHONIA
XB	SINGLE FACE EDGE LIT LED EXIT SIGN WITH RED LETTERING, CEILING RECESSED MOUNTED, CLEAR LENS, DIE-CAST ALUMINUM CONSTRUCTION, SEALED NICKEL CADMIUM BATTERY BACKUP, INTEGRAL TEST SWITCH AND POWER INDICATOR LIGHT, WHITE FINISH	LED DRIVER	2 WATTS	120V	SURE-LITES - ARCEL SERIES	EMERGENSEE, EMERGI-LITE, 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.

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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MARK	DATE	DESCRIPTION
	10/12/26	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS

DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

SCHEDULES - ELECTRICAL

B E6.01

Branch Panelboard: SP-1

Location: PLAYGROUND
Supply From: NYSEG POLE
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: Square D QO

Volts: 120/208 Single
Phases: 1
Wires: 3

A.I.C. Rating: 10,000
Mains Type: MCB
Mains Rating: 100 A
MCB Rating: 100 A
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					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	***PLAYGROUND LIGHTING***	***20 A***	***1***			0.3	0.0			1	20 A	EXISTING CIRCUIT	8
9	Space	--	1	--	--					1	--	Space	10
11	Space	--	1			--	--			1	--	Space	12
		Total Load:		0.0 kVA		0.3 kVA		0.0 kVA					
		Total Amps:		0 A		3 A		0 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	328 VA	100.00%	328 VA		
				Total Conn. Load:	0.3 kVA
				Total Est. Demand:	0.3 kVA
				Total Conn. Current:	2 A
				Total Est. Demand Current:	2 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: STAGE A

Location: STAGE 144
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: Siemens P1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
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	HOUSE LIGHTS	20 A	1	0.0	0.0					1	20 A	HOUSE LIGHTS	2
3	HOUSE LIGHTS	20 A	1			0.0	0.0			1	20 A	HOUSE LIGHTS	4
5	***Receptacle OFFICE 139***	20 A	1					1.1	0.0	1	20 A	HOUSE LIGHTS	6
7	WAFER FOUNTAIN IN CAFETERIA	20 A	1	0.0	0.0					1	20 A	HOUSE LIGHTS	8
9	MILK COOLER IN HALL	20 A	1			0.0	0.0			1	20 A	ICE CREAM COOLER IN HALL	10
11	LIGHT ABOVE PANEL	20 A	1					0.0	0.0	1	20 A	RECEPTACLE BY OVERHEAD FANS	12
13	KITCHEN LIGHTS	20 A	1	0.0	0.0					1	20 A	KITCHEN LIGHTS	14
15	KITCHEN LIGHTS	20 A	1			0.0	0.0			1	20 A	RECEPTACLE/EMERGENCY LIGHTS	16
17	CLOCK RECEPTACLE	20 A	1					0.0	0.0	1	20 A	EXISTING LOAD	18
19	RECEPTACLE CLOSET EAST	20 A	1	0.0	0.0					1	20 A	RECEPTACLE STORAGE WEST	20
21	RECEPTACLE STAGE REAR	20 A	1			0.0	0.0			1	20 A	STAGE LIGHTS 1ST & 3RD ROW	22
23	CLOSET	20 A	1					0.0	0.0	1	20 A	EXISTING LOAD	24
25	Space	--	1	--	--					1	--	Space	26
27	Space	--	1			--	--			1	--	Space	28
29	Space	--	1					--	--	1	--	Space	30
		Total Load:		0.0 kVA		0.0 kVA		1.1 kVA					
		Total Amps:		0 A		0 A		9 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Receptacle	1080 VA	100.00%	1080 VA		
				Total Conn. Load:	1.1 kVA
				Total Est. Demand:	1.1 kVA
				Total Conn. Current:	3 A
				Total Est. Demand Current:	3 A

Existing Panelboard Note:
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Branch Panelboard: BOILER RM A

Location: BOILER ROOM G08
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: Siemens P1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
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	AIR DRYER	20 A	1	0.0	0.0					2	20 A	UV AC ROOM G07	2
3	***BUS LOOP LIGHTING***	20 A	2			0.2	0.0						4
5								0.2	0.0	1	20 A	ALC TRANSFORMER	6
7	REFRIG RECEPT	20 A	1	0.0	0.0					1	20 A	SIGN ID CAB (TOP)	8
9	FREEZER LIGHTS	20 A	1			0.0	0.0			1	20 A	SIGN LED A	10
11								3.5	0.0	1	20 A	SIGN LED B	12
13	***WSHP-01***	***40 A***	***3***	3.5	0.0					1	20 A	SPARE	14
15						3.5	0.0			1	20 A	SPARE	16
17	***LIGHTING CONTACTOR***	20 A	1					0.0	0.0	1	20 A	SPARE	18
19	EXISTING CIRCUIT	20 A	1	0.0	0.0					1	20 A	SPARE	20
21	FREEZER LIGHTS	20 A	1			0.0	0.0			1	20 A	SPARE	22
23	***Lighting***	20 A	1					0.0	0.0	1	20 A	SPARE	24
25	WALK IN COOLER LIGHTS	20 A	1	0.0	0.0					3	20 A	FOOD PROCESSOR	26
27	WALK IN COOLER FAN UNIT	20 A	1			0.0	0.0						28
29	Spare	20 A	1					0.0	0.0				30
31				0.0	0.0								32
33	P-1 #2	35 A	3			0.0	0.0			3	40 A	P-1 #1	34
35								0.0	0.0				36
37				0.0	0.0					2	20 A	WALK IN COOLER CONDENSING UNIT	38
39	WALK IN FREEZER	30 A	3			0.0	0.0						40
41								0.0	--	1	--	SPACE	42
		Total Load:		3.5 kVA		3.7 kVA		3.7 kVA					
		Total Amps:		29 A		31 A		31 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	506 VA	100.00%	506 VA		
Other	0 VA	0.00%	0 VA	**Total Conn. Load:**	10.9 kVA
HVAC	10375 VA	100.00%	10375 VA	**Total Est. Demand:**	10.9 kVA
				Total Conn. Current:	30 A
				Total Est. Demand Current:	30 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: STAGE B

Location: STAGE 144
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: Siemens P1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
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	STAGE LIGHT RECEPT. 1	20 A	1	0.0	0.0					1	20 A	STAGE LIGHT RECEPT. 2	2
3	STAGE LIGHT RECEPT. 3	20 A	1			0.0	0.0			1	20 A	STAGE LIGHT RECEPT. 4	4
5	STAGE LIGHT RECEPT. 5	20 A	1					0.0	0.0	1	20 A	STAGE LIGHT RECEPT. 6	6
7	STAGE LIGHT RECEPT. 7	20 A	1	0.0	0.0					1	20 A	STAGE LIGHT RECEPT. 8	8
9	STAGE LIGHT RECEPT. 9	20 A	1			0.0	0.0			1	20 A	STAGE LIGHT RECEPT. 10	10
11	STAGE LIGHT RECEPT. 11	20 A	1					0.0	0.0	1	20 A	STAGE LIGHT RECEPT. 12	12
13	STAGE FRONT LIGHTS	20 A	1	0.0	0.0					1	20 A	RECEPTACLE FLOOR POCKET RIGHT	14
15	RECEPTACLE FLOOR POCKET RIGHT	20 A	1			0.0	0.0			1	20 A	RECEPTACLE FLOOR POCKET RIGHT	16
17	RECEPTACLE FLOOR POCKET LEFT	20 A	1					0.0	0.0	1	20 A	RECEPTACLE FLOOR POCKET LEFT	18
19	RECEPTACLE FLOOR POCKET LEFT	20 A	1	0.0	0.0					1	20 A	LIGHTS PIT SPOT CEILING FRONT STAGE	20
21	LIGHTS PIT SPOT CEILING FRONT STAGE	20 A	1			0.0	0.0			1	20 A	LIGHTS PIT SPOT CEILING FRONT STAGE	22
23	B-FCU-01	20 A	1					0.5	0.0	1	20 A	STAGE LIGHT CONTROL BOX	24
25	DAMPER NEW HEATING/ AIR BLOWER	20 A	1	0.0	0.0					1	20 A	SMOKE DETECT./DUCT FAN HTR/AIR UNIT	26
27	***B-FCU-05***	***15 A***	***1***			0.3	--			1	--	Space	28
29	***B-EF-01***	***15 A***	***1***					0.7	--	1	--	Space	30
		Total Load:		0.0 kVA		0.3 kVA		1.2 kVA					
		Total Amps:		0 A		3 A		11 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	1488 VA	100.00%	1488 VA		
				Total Conn. Load:	1.5 kVA
				Total Est. Demand:	1.5 kVA
				Total Conn. Current:	4 A
				Total Est. Demand Current:	4 A

Existing Panelboard Note:
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Branch Panelboard: BOILER RM C

Location: BOILER ROOM G08
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Make-Model: Siemens P1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
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				0.0	0.0					3	20 A	R-2	2
3	MAKE UP AIR STAGE	20 A	3			0.0	0.0						4
5								0.0	0.0				6
7				0.0	0.0					3	20 A	R-2 EXHAUST FAN	8
9	SPARE	20 A	3			0.0	0.0						10
11								0.0	0.0				12
13				0.8	0.8					3	20 A	***B-CWP-02***	14
15	***B-CWP-01***	20 A	3			0.8	0.8						16
17								0.8	0.8				18
19				0.0	0.0					3	20 A	GIRLS LOCKER ROOM AHU	20
21	P-3 BOILER ROOM	20 A	3			0.0	0.0						22
23								0.0	0.0				24
25				0.0	0.0					3	20 A	EYE WASH STATION	26
27	BOYS LOCKER ROOM AHU	20 A	3			0.0	0.0						28
29								0.0	0.0				30
		Total Load:		1.6 kVA		1.6 kVA		1.6 kVA					
		Total Amps:		13 A		13 A		13 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
HVAC	4756 VA	100.00%	4756 VA		
				Total Conn. Load:	4.8 kVA
				Total Est. Demand:	4.8 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: PP-GYM

Location: STORAGE 138.1
Supply From: MDP
Mounting: Surface
Enclosure: NEMA 1, Hinged Cover
Design Make: Square D NQ

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
Mains Type: MLO
Mains Rating: 225 A
MCB Rating:
Lug Accessory:

Notes:
1. CIRCUITS NOTED IN BOLD/ITALIC TEXT ARE EXISTING CIRCUITS FROM THE REMOVED GYM PANELBOARD THAT ARE TO BE EXTENDED AND TERMINATED IN THE CIRCUIT BREAKER SPACE NOTED.
2. PROVIDE A CLASS A GFCI CIRCUIT BREAKER FOR "GYM DRINKING FOUNTAIN" CIRCUIT #20

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	SHOT CLOCKS	20 A	1	0.2	0.0					1	20 A	***COKE MACHINE***	2
3	EXTERIOR GYM LIGHTING	20 A	1			0.2	0.6			1	20 A	Lighting Room 138.3, 138.2, 136, 134, 137.1...	4
5	ROOFTOP RECEPT	20 A	1					0.5	0.7	1	20 A	Receptacle GYM OFFICE 137	6
7	B-FCU-02 & B-FCU-03	20 A	1	0.5	0.0					1	20 A	***CORRIDOR RECEPTACLE***	8
9	Receptacle GYMNASIUM 138 NORTH	20 A	1			1.1	1.1			1	20 A	Receptacle GYMNASIUM 138 SOUTH	10
11	SOUTH GYM LIGHTING	20 A	1					1.3	0.0	1	20 A	***ICE MACHINE***	12
13	Receptacle GYM OFFICE 137 & TOILET...	20 A	1	0.9	1.2					1	20 A	DIVIDER CURTAIN	14
15	NORTH GYM LIGHTING	20 A	1			1.3	0.5			2	20 A	B-ERV-01	16
17	BACKSTOP CONTROL PANEL	20 A	1					1.5	0.5				18
19	BACKSTOP CONTROL PANEL	20 A	1	1.5	0.2					1	20 A	GYM DRINKING FOUNTAIN	20
21	ILLUMINATED SIGNAGE	20 A	1			0.2	0.6			1	20 A	NORTH SCOREBOARD	22
23	SOUND SYSTEM CABINET	20 A	1					0.2	0.6	1	20 A	SOUTH SCOREBOARD	24
25	GYM PROJECTOR SCREEN	20 A	1	0.6	1.5					1	20 A	Receptacle STORAGE 138.1	26
27	Receptacle STORAGE 138.1	20 A	1			1.5	0.1			1	20 A	GYM ACCESS CONTROL POWER SUPPLY	28
29	***WATER FOUNTAIN (BY KITCHEN)***	20 A	1					0.0	0.0	1	20 A	***PASSAGE LIGHTS***	30
31	***FOYER LIGHTS***	20 A	1	0.0	0.0					1	20 A	***LOBBY LIGHTS***	32
33						0.3	0.3						34
35	NORTH MOTORIZED BLEACHERS	20 A	3					0.3	0.3	3	20 A	SOUTH MOTORIZED BLEACHERS	36
37				0.3	0.3								38
39						1.3	9.0						40
41	WRESTLING MAT LIFT	20 A	3					1.3	9.0	3	100 A	B-RTU-01	42
43				1.3	9.0								44
45	Spare	20 A	1			0.0	--			1	--	Space	46
47	Spare	20 A	1					0.0	--	1	--	Space	48
49	Spare	20 A	1	0.0	--					1	--	Space	50
51	Spare	20 A	1			0.0	--			1	--	Space	52
53	Spare	20 A	1					0.0	--	1	--	Space	54
		Total Load:		16.5 kVA		17.1 kVA		15.3 kVA					
		Total Amps:		139 A		144 A		128 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	3323 VA	100.00%	3323 VA		
Receptacle	19664 VA	75.43%	14832 VA	**Total Conn. Load:**	48.9 kVA
HVAC	28449 VA	100.00%	28449 VA	**Total Est. Demand:**	44.4 kVA
				Total Conn. Current:	136 A
				Total Est. Demand Current:	123 A

Branch Panelboard: PP2

Location: MUSIC G07
Supply From: MDP
Mounting: Flush
Enclosure: NEMA 1, Hinged Cover
Make-Model: Siemens S1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 22,000
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	LOBBY LIGHTS	15 A	1	0.0	0.0					1	15 A	BATHROOMS, MUSIC RMS	2
3	LTGS STAIRWELL - 2ND CENTER	15 A	1			0.0	0.0			1	15 A	ENT UNIT B	4
5	LIGHTING - 2ND SOUTH	15 A	1					0.0	0.0	1	15 A	FIRE ALARM	6
7	EM LIGHTS GIRLS & BOYS ROOM	20 A	1	0.0	0.0					1	20 A	LIGHTS MUSIC RM	8
9	FIRE PANEL	15 A	1			0.0	0.0			1	15 A	MICROWAVE	10
11	VENDING MACHINES, EXIT CENETR	20 A	1					0.0	0.0	1	20 A	EXSITING CIRCUIT	12
13	EXITS UP STAIRS	20 A	1	0.0	0.0					1	20 A	CUSTODIAL OFFICE LIGHTS	14
15	EXISTING CIRCUIT	20 A	1			0.0	0.0			1	20 A	BOILER ROOM LIGHTS & STORAGE	16
17	***CORRIDOR & MUSIC G16 LIGHTING***	20 A	1					1.0	0.0	1	20 A	BOILER ROOM & TELEPHONE RECEPT	18
19	TABLE SAW	20 A	1	0.0	0.0					1	20 A	HEATER IN G03	20
21	LIGHTS THIS ROOM	20 A	1			0.0	0.0			1	20 A	EXISTING CIRCUIT	22
23	ORCHESTRA STORAGE LIGHTS	20 A	1					0.0	0.0	1	20 A	BAND ROOM RECEPT	24
25	EXISTING CIRCUIT	20 A	1	0.0	0.0					1	20 A	EXISTING CIRCUIT	26
27	EXISTING CIRCUIT	20 A	1			0.0	0.0			1	20 A	EXISTING CIRCUIT	28
29	BAND STORAGE LIGHTS	20 A	1					0.0	0.0	1	20 A	EXISTING CIRCUIT	30
31	LOBBY RECEPT, BAND ROOM RECEPT	20 A	1	0.0	0.0					1	20 A	CHILLED BEAM CONTROLLERS	32
33	BAND ROOM LIGHTS	20 A	1			0.0	0.0			1	20 A	ABANDONED (BAND LIGHTS)	34
35	BAND ROOM & GARAGE RECEPT	20 A	1					0.0	1.2	1	20 A	***B-UVI-01***	36
37	CUSTODIAL OFFICE RECEPT, ICE CREAM	20 A	1	0.0	1.1					1	20 A	***Receptacle MUSIC G16***	38
39	ELECTRIC & STORAGE RM LIGHTS	20 A	1			0.0	0.9			***1***	***20 A***	***Receptacle MUSIC G16***	40
41	GARAGE LIGHTS & LOUNGE	20 A	1					0.0	0.9	***1***	***20 A***	***B-CUH-01 & 02, B-EF-01, ACCESS...***	42
		Total Load:		1.1 kVA		0.9 kVA		3.0 kVA					
		Total Amps:		9 A		8 A		25 A					

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals	
Lighting	952 VA	100.00%	952 VA		
Receptacle	2160 VA	100.00%	2160 VA	**Total Conn. Load:**	4.9 kVA
HVAC	1976 VA	100.00%	1976 VA	**Total Est. Demand:**	4.9 kVA
				Total Conn. Current:	14 A
				Total Est. Demand Current:	14 A

Existing Panelboard Note:
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king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

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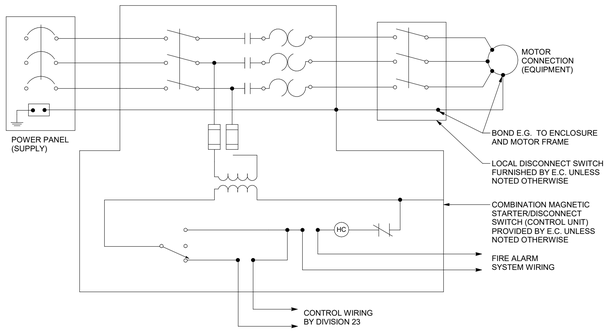
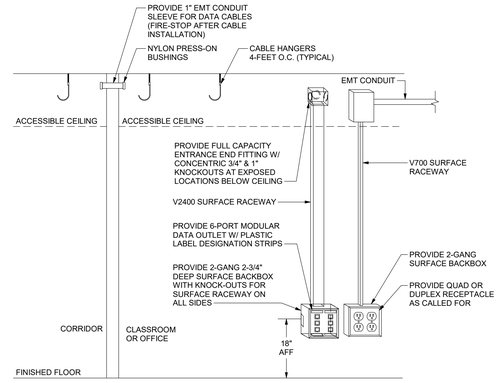
MARK	DATE	DESCRIPTION
	10/12/26	ISSUED FOR BID

100% CONSTRUCTION DOCUMENTS
DRAWING DATE: **11/10/2025**
SCALE: **AS NOTED**
DRAWING TITLE:
SCHEDULES - ELECTRICAL

B E6.02



9 THREE-PHASE MOTOR CONNECTION DETAIL
NTS



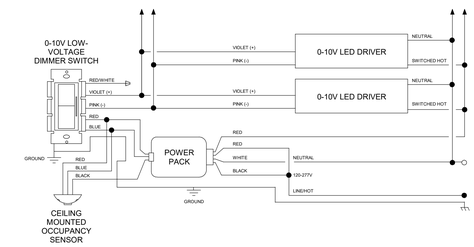
DETAIL GENERAL NOTES:

A. PROVIDE ALL SURFACE RACEWAY, SURFACE BACKBOXES, COVERPLATES, DATA JACKS, DATA CABLING AND SLEEVES.

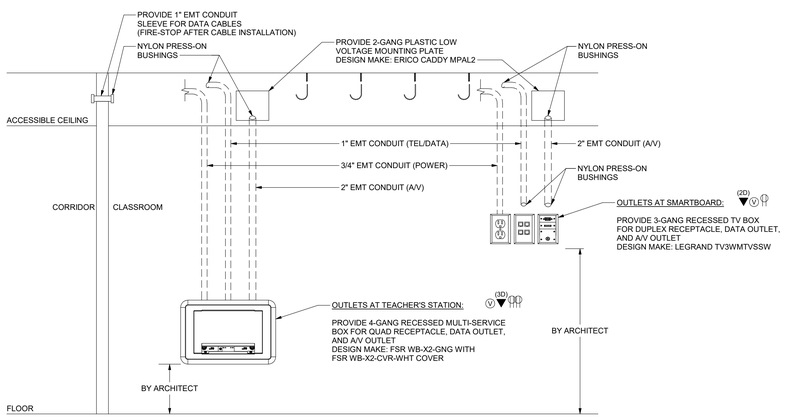
B. PROVIDE OPEN TOP CABLE HANGERS 4-FEET O.C. ACROSS CLASSROOM, OFFICE, AND CORRIDOR DROP CEILING SPACE IN PATHWAY OF NEW INSTALLED CABLES.

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 REQUIREMENTS.

6 SURFACE MOUNT POWER/DATA OUTLET DETAIL
NTS



3 LOW-VOLTAGE DIMMER WITH OCCUPANCY SENSOR WIRING DIAGRAM
NTS



DETAIL GENERAL NOTES:

A. PROVIDE ALL RACEWAY, BACKBOXES, COVERPLATES, DATA JACKS, DATA CABLING AND SLEEVES.

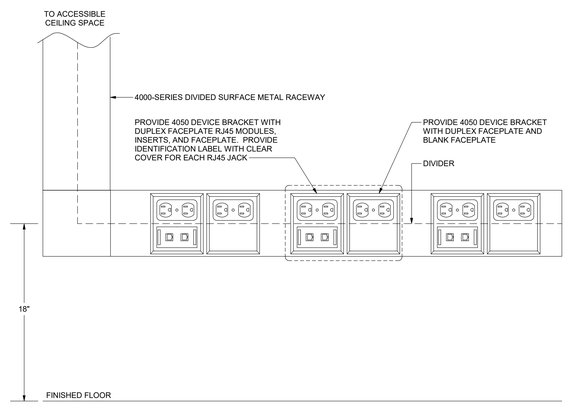
B. PROVIDE OPEN TOP CABLE HANGERS 3-FEET O.C. ACROSS CEILING SPACE FOR ALL TELE/DATA CABLING NOT RUN IN CONDUIT OR CABLE TRAY.

C. PROVIDE MODULAR DUST COVER(S) ON ALL UNUSED PORTS AS REQUIRED.

D. PROVIDE LABELING PER SPECIFICATIONS.

E. COORDINATE EXACT LOCATIONS WITH OTHER TRADES PRIOR TO ROUGH-IN.

8 NEW CONSTRUCTION SMARTBOARD DETAIL
NTS



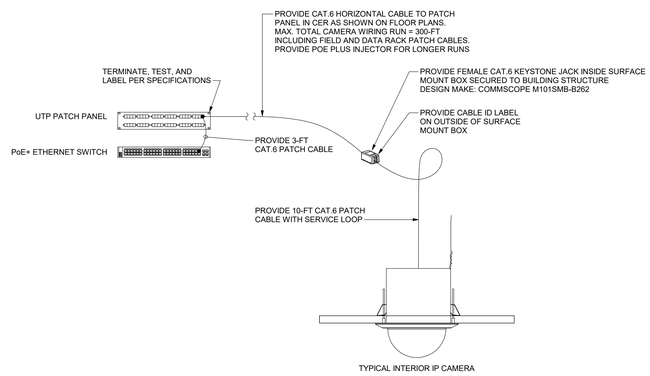
DETAIL GENERAL NOTES:

A. PROVIDE ALL RACEWAY, BACKBOXES, COVERPLATES, DATA JACKS, DATA CABLING AND SLEEVES.

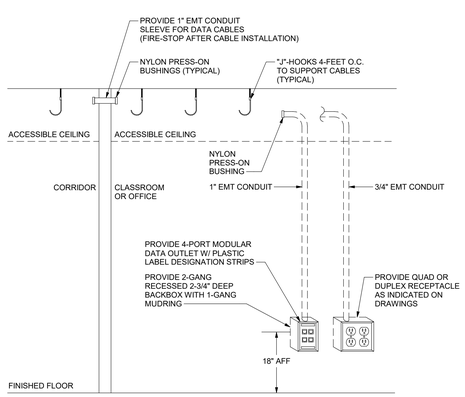
B. PROVIDE OPEN TOP CABLE HANGERS 4-FEET O.C. ACROSS CLASSROOM, OFFICE, AND CORRIDOR DROP CEILING SPACE IN PATHWAY OF NEW INSTALLED CABLES.

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.

5 POWER/DATA SURFACE RACEWAY DETAIL
NTS



2 INTERIOR CAMERA INSTALLATION DETAIL
NTS

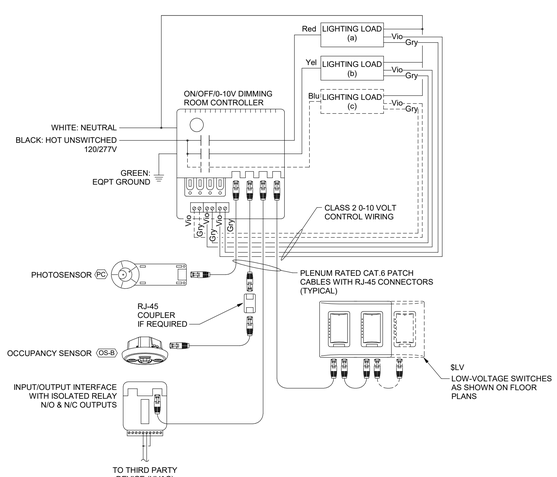


DETAIL GENERAL NOTES:

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.

7 NEW CONSTRUCTION POWER/DATA OUTLET DETAIL
NTS



DETAIL GENERAL NOTES:

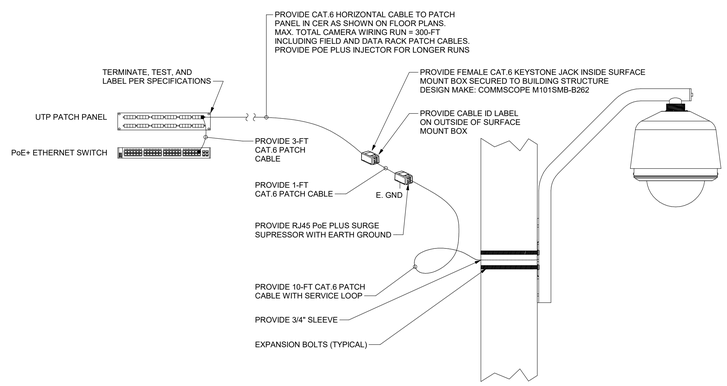
A. CONTROLLER SHALL BE PROGRAMMED SUCH THAT ALL LIGHTING LOADS REQUIRE MANUAL-ON CONTROL.

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 LIGHTING CONTROL CHANNELS (SWITCH-LEGS). PROVIDE ADDITIONAL NETWORKED ROOM CONTROLLERS AND SWITCHING WHERE LIGHTING CONTROL CHANNELS IN A ROOM EXCEEDS THREE.

4 LIGHTING ROOM CONTROLLER DETAIL
NTS



LIGHTNING PROTECTION NOTES:

A. EACH SURGE SUPRESSOR SHALL BE LOCATED CLOSE TO THE POINT OF ENTRY OF WIRING TRAVELING OUTSIDE THE BUIDLING. PROTECTOR MUST BE BONDED TO GROUND PER NEC ARTICLE 800.100 IV GROUNDING METHODS. A GENERAL PURPOSE TYPE ENCLOSURE SHALL BE PROVIDED FOR ALL SURGE PROTECTION DEVICES.

B. THESE DEVICES ARE NOT INTENDED FOR DIRECT EXPOSURE TO THE ELEMENTS. USE A NEMA 4X ENCLOSURE OR SIMILAR FOR OUTDOOR APPLICATIONS.

C. SECURELY MOUNT THESE DEVICES BETWEEN THE FIELD WIRING AND THE EQUIPMENT TO BE PROTECTED WITH SUPPLIED #8 SCREWS PROVIDED.

D. TO ALLOW THE SURGE PROTECTOR REACTION TIME, PROVIDE A MINIMUM OF 3-6 FT OF CONDUCTOR LENGTH BETWEEN THE SURGE SUPPRESSOR AND THE EQUIPMENT TO BE PROTECTED. PROVIDE A GROUND CONNECTOR TO THE EARTH GROUND SHORTER THAN THE DISTANCE BETWEEN THE UNIT AND THE EQUIPMENT.

E. CONNECT A MINIMUM OF #12 AWG WIRE FROM THE GROUND CONNECTOR TO THE EARTH GROUND WITH 25 OHMS OR LESS (5 OHMS PREFERRED). USE ONE COMMON GROUND PER SYSTEM TO ELIMINATE THE POSSIBILITY OF A DIFFERENCE IN GROUND POTENTIALS. ADDITION OF A GROUND ROD MAY BE REQUIRED.

1 EXTERIOR CAMERA INSTALLATION DETAIL
NTS

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES

3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:

B: HOMER BRINK ES: 03-11-01-06-0-001-023

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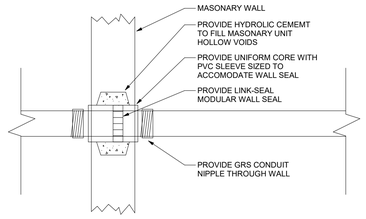
DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

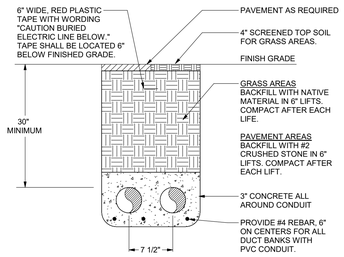
DRAWING TITLE:

DETAILS - ELECTRICAL

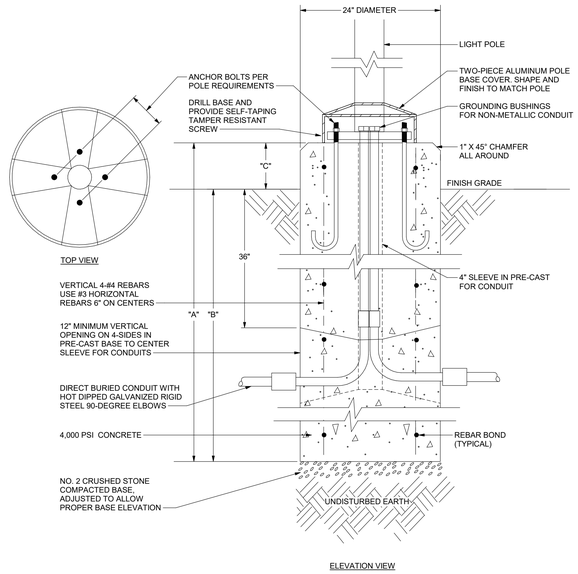
B E9.01



6 LINK-SEAL WALL CONDUIT PENETRATION DETAIL
NTS

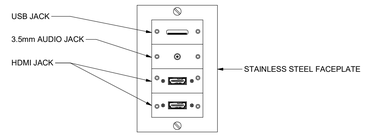


9 CONCRETE ENCASED BURIED CONDUIT DETAIL
NTS



CONCRETE POLE BASE SIZE REQUIREMENTS			
POLE BASE LOCATION	OVERALL HEIGHT "A"	BELOW GRADE "B"	ABOVE GRADE "C"
GRASS AREAS	7'-0"	6'-0"	1'-0"
INSIDE PAVED AREAS	8'-0"	5'-0"	3'-0"

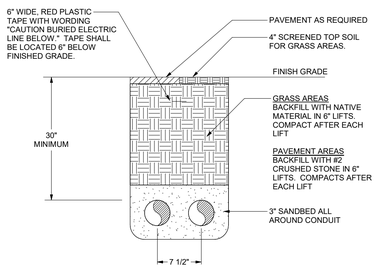
5 CONCRETE SITE LIGHTING POLE BASE DETAIL
NTS



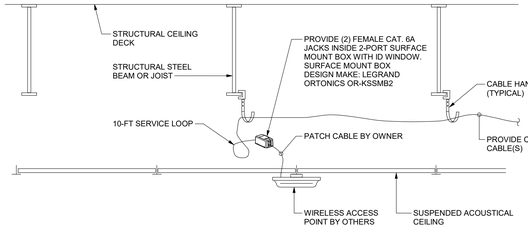
DETAIL GENERAL NOTES:

A. ALL CONNECTORS SHALL BE BARREL TYPE FOR USE WITH FACTORY TERMINATED CABLES.

3 A/V OUTLET DETAIL
NTS



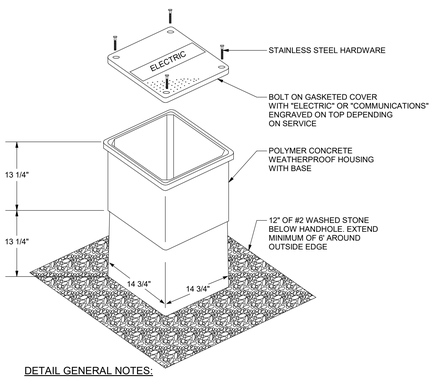
8 DIRECT BURIED CONDUIT DETAIL
NTS



DETAIL GENERAL NOTES:

A. REFER TO SYMBOLS LIST OR FLOOR PLANS FOR CABLE QUANTITIES.

2 CEILING MOUNTED WIRELESS ACCESS POINT DATA OUTLET DETAIL
NTS



DETAIL GENERAL NOTES:

A. ALL OPENINGS FOR CONDUITS SHALL BE MADE IN FIELD ACCORDING TO CONDUIT SIZES AND QUANTITIES.

B. SUITABLE FOR DIRECT BURIAL IN CONCRETE AND GRASS AREAS.

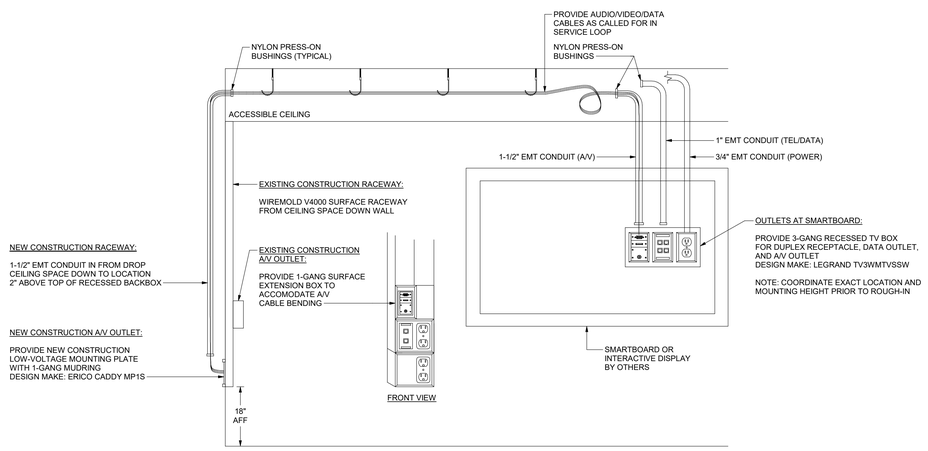
C. COVER SHALL SUPPORT 8,000 LBS.

D. PROVIDE STACKABLE SECTIONS AS REQUIRED FOR A 26" DEPTH.

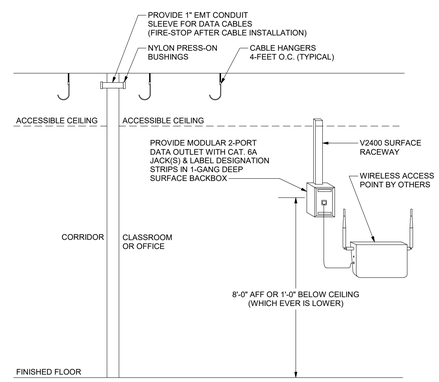
E. RESISTANT TO SUNLIGHT, WEATHERING, AND FREEZING.

F. DESIGN MAKE: STRONGWELL-QUAZITE "PC SERIES" STYLE SERVICE BOX ASSEMBLY

7 POLYMER CONCRETE HANDHOLE DETAIL
NTS



4 INTERACTIVE WHITEBOARD/DISPLAY DETAIL
NTS



DETAIL GENERAL NOTES:

A. PROVIDE CAT. 6A CABLING AS CALLED FOR ON DRAWINGS FROM DATA OUTLET BACK TO INDICATED COMMUNICATIONS EQUIPMENT ROOM (CER).

B. TERMINATE, TEST, AND LABEL ALL NEW DATA CABLES AND OUTLETS.

C. OBTAIN EXACT LOCATION OF OUTLET AND ELEVATION IN ROOM FROM OWNER PRIOR TO ROUGH-IN. DETAIL ONLY INDICATES TYPICAL INSTALLATION LOCATIONS.

1 WALL MOUNTED WIRELESS ACCESS POINT DATA OUTLET DETAIL
NTS

king + king ARCHITECTS

MAINE-ENDWELL CENTRAL SCHOOL DISTRICT
2022 CAPITAL IMPROVEMENT PROJECT - PHASE 5
HOMER BRINK ES
3618 BRIAR LN
ENDWELL, NY 13760

KING + KING PROJ. NO.: **23-44-7956**

SED PROJECT NUMBER:
B: HOMER BRINK ES: 03-11-01-06-0-001-023

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DRAWING DATE: **11/10/2025**

SCALE: **AS NOTED**

DRAWING TITLE:

DETAILS - ELECTRICAL

B E9.02