

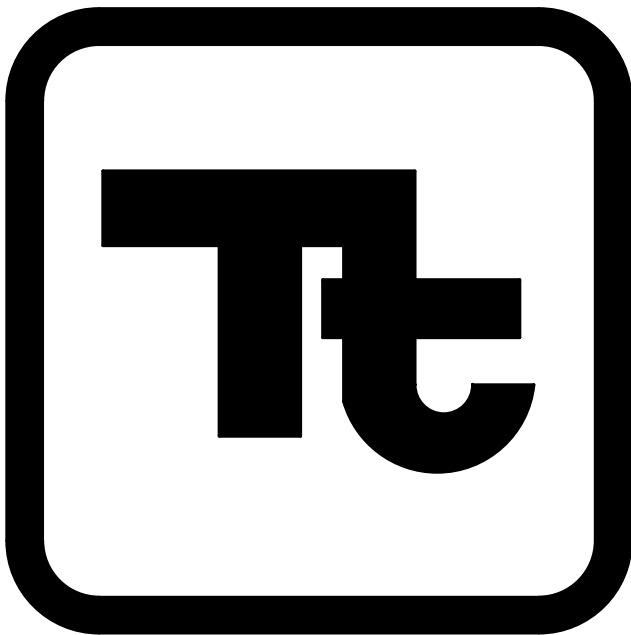
Additions and Alterations to:
Waverly High School

60-01-01-06-0-018-023



Waverly Central School District
Waverly, NY

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Architecture Engineering Planning
& High Performance Facilities

To the best of the Architect's knowledge, information and belief, the design of this project conforms to all applicable provisions of the New York State Uniform Fire Prevention and Building Code, the New York State Energy Conservation Code, and the building standards of the New York State Education Department.

BID SET

Volume 2 of 2

339070-22003
05/19/2023

Set No.



































Drawing Number:

G002




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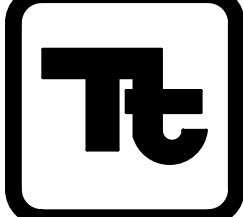
E	EAST
EA	EXHAUST AIR, EACH
EAT	ENTERING AIR TEMPERATURE
EB	ENHANCED CONCRETE
EC	ELECTRICAL CONTRACTOR
ECB	ENHANCED CONCRETE
ECHLORIDE	EXTERIOR INSULATION S
EIFS	EACH FACE, EXHAUST FA
EJ	JOINT, EXPANSION
EL	ELECTRIC (AL)
ELEC	ELECTRIC
ELEM	ELEVATION, ELEVATOR
ELT	ELEMENT
EMT	ELECTRICAL METALLIC T
ENC	ENCLOSURE
END	EDGE OF DECK
E	EQUAL, EQUIVALENT
EOC	EQUIPMENT CONTRACTO
EQUIP	EQUIPMENT
ESP	EXPOSED SURFACE, EX
ESS	ELASTIC SHEET, FLASHI
EW	EACH WAY
EXC	ELECTRIC WATER RECO
EWT	ENTERING WATER TEMPE
EXH	EXHAUSTING
EXP	EXPANSION
EAT	EXTERNAL, EXTERNAL
F	FAHRENHEIT
FA	FIRE ALARM
FAI	FRESH AIR INTAKE
FAN	FAN COOLING UNIT
FCD	FLOOR CURB, FIRE DAM
FE	FIRE EXTINGUISHER
FE	FIRE EXTINGUISHER
FE	FIRE EXTINGUISHER CAR
FF	FINISH FLOOR, FACTORY
FFE	FINISH FLOOR ELEVATIO
FG	FLOOR GRILLE
FGH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FI	FINISH (FI)
FIKT	FIXTURE
FL	FLOOR DUCT
FLD	FLUSH
FLX	FLUX
FLG	FLASING
FLR	FLOOR (ING)
FLUOR	FLUORESCENT
FLM	FLOOR MOUNTED
FMC	FLEXIBLE METAL CONDU
FND	FOUNDATION
FNB	FIXED ON BOARD, FLA
FNG	FUEL OIL, GASE
FOR	FUEL OIL, SUPPLY
FOS	FUEL OIL, RETURN
FPL	FLOOR PLATE

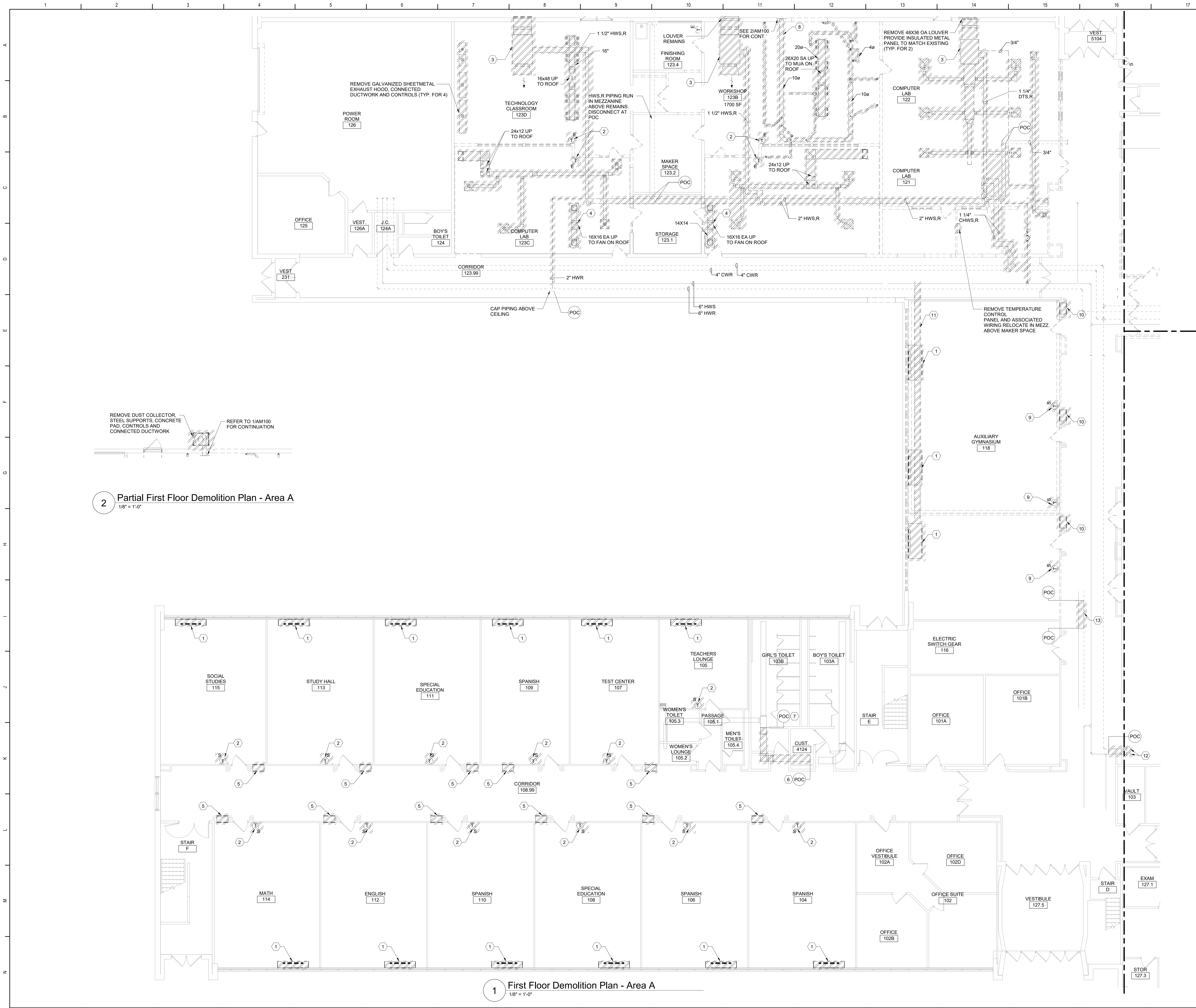
A horizontal number line with a single tick mark labeled '10'.

—ATV	ATMOSPHERIC VENT
—BBD	BOILER BLOW DOWN
—CWS	CHILLED WATER SUPPLY
—CWR	CHILLED WATER RETURN
—CGS	CHILLED GLYCOL SUPPLY
—CGR	CHILLED GLYCOL RETURN
—CD	CONDENSATE DRAIN
—C	CONDENSER WATER SUPPLY
—CR	CONDENSER WATER RETURN
—GS	GLYCOL SUPPLY
—GR	GLYCOL RETURN
—HGS	HOT GLYCOL SUPPLY
—HGR	HOT GLYCOL RETURN
—HPWS	HEAT PUMP SUPPLY
—HPWR	HEAT PUMP RETURN
—HWS	HOT WATER SUPPLY
—HWR	HOT WATER RETURN
—HCS	HOT/CHILLED WATER SUPPLY
—HCR	HOT/CHILLED WATER RETURN
—LPS	LOW PRESSURE STEAM
—LPC	LOW PRESSURE CONDENSATE
—LPWC	LOW PRESSURE STEAM WET (FLOODED) CONDENSATE
—MU	MECHANICAL EQUIPMENT MAKE UP COLD WATER(NON-POTABLE)
—RS	REFRIGERANT SUCTION
—RLR	REFRIGERANT LIQUID
—HG	REFRIGERANT HOT GAS
—PD	PUMP DISCHARGE
-----	REMOVE EXG. DUCT, PIPING, EQUIPMENT
-----	EXISTING HVAC PIPE
	BOTTOM PIPE CONNECTION
	TOP PIPE CONNECTION
	PIPE ELBOW DOWN
	PIPE ELBOW UP
	PIPE DOWN WITH CLEANOUT AT
	PIPE DOWN WITH SHUTOFF VALVE
	CAP OR PLUG
	UNION CONNECTION
	FLANGE CONNECTION
	PIPING REDUCER (CONCENTRIC)
	PIPING REDUCER (ECCENTRIC)
	PIPE ANCHOR
	PIPE GUIDE
	EXPANSION COMPENSATOR
	EXPANSION JOINT
	FLEX CONNECTOR
	TEMPERATURE OR PRESSURE PROBE WELL
	THERMOMETER
	PRESSURE SWITCH
	PRESSURE GAUGE
	TEMPERATURE/ PRESSURE GAUGE
	MANUAL AIR VENT
	AUTOMATIC AIR VENT
	STEAM VENT
	VACUUM BREAKER
	FLOW SWITCH
	FLOW METER
	ORIFICE METER
	VENTURI FLOW METER
	WYE STRAINER
	WYE STRAINER WITH BLOW DOWN
	DIRECTION OF FLOW
	PIPE BREAK
	WATER METER

CABLE TRAY - LADDER TYPE
 CABLE TRAY - BASKET TYPE
 SURFACE RACEWAY
 TYPE AS DESCRIBED ON DWGS.
 COMMUNICATION INTERFACE OUTLET
 CEILING MOUNT SPEAKER
 WALL MOUNT SPEAKER
 VOLUME CONTROL
 HORN SPEAKER
 PROGRAM BELL
 FLOOR BOX
 DOOR RELEASE
 SECURITY ALARM HORN
 SECURITY SENSOR
 (OR - GLASS BREAK
 MD - MOTION DETECTOR
 SD - SOUND DETECTOR
 SECURITY DOOR CONTACT
 SECURITY SYSTEM KEYPAD
 # DENOTES DESIGNATION
 SECURITY CAMERA
 # DENOTES DESIGNATION
 SECURITY REQUEST TO EXIT SENSOR
 LOW-VOLTAGE POWER SUPPLY
 # DENOTES DESIGNATION
 SECURITY ELECTRIC
 LOCKING HARDWARE
 DOOR INTERCOM CALL STATION
 # DENOTES DESIGNATION
 ACCESS CONTROL CARD READER
 # DENOTES DESIGNATION
 ADA PUSH BUTTON
 SECURITY CCTV MONITOR
 SECURITY DURESS BUTTON
 EXISTING PANEL TO REPLACE
 EXISTING PANEL TO REMAIN
 NEW PANEL
 SURGE PROTECTION DEVICE
 MOTOR
 NEW MOTOR
 SEE SCHEDULE FOR DESCRIPTION
 PULL BOX
 JUNCTION BOX
 HAND/HAIR DRYER
 SINGLE RECEPTACLE
 DUPLEX RECEPTACLE
 DOUBLE DUPLEX RECEPTACLE
 SPECIAL PURPOSE RECEPTACLE
 DUPLEX FLOOR RECEPTACLE
 CORD REEL
 TELE./DATA POWER POLE
 NON-FUSED DISCONNECT SWITCH
 FUSED DISCONNECT SWITCH
 MOTOR STARTER
 COMBINATION STARTER
 CONTACTOR
 ENCLOSED CIRCUIT BREAKER
 EQUIPMENT CONNECTION
 EMERGENCY OFF BUTTON
 TRANSFORMER
 # DENOTES DESIGNATION
 REFER TO RISER DIAGRAM
 UTILITY POLE
 UNDERGROUND TELEPHONE
 OVERHEAD TELEPHONE
 UNDERGROUND TELEVISION
 OVERHEAD TELEVISION
 UNDERGROUND LIGHTING
 OVERHEAD LIGHTING
 UNDERGROUND ELECTRIC
 OVERHEAD ELECTRIC
 UNDERGROUND COMPUTER
 OVERHEAD COMPUTER
 AC = ABOVE CEILING
 AUX = AUXILIARY LOCATION
 WP = WEATHERPROOF
 WG = WIRE GUARD
 B = ABOVE (CASEWORK)
 B = BELOW (CASEWORK)
 H = HORIZONTAL
 TK = TOE KICK
 TS = TEACHER STATION
 UN = UNIVERSAL SERIAL BUS

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 <p>TETRA TECH ARCHITECTS & ENGINEERS</p>		
<p>Waverly Central School District Waverly, NY</p>		
<p>Additions and Alterations to: Waverly Jr. Sr. High School</p>		
<p>Symbols and Abbreviations - Volume 2</p>		
<p>Drawn By: TTAE</p>	<p>Date: 05/19/2023</p>	<p>Drawing Number: G101</p>
<p>Project No.: 339070-22003</p>		

		TETRA TECH ARCHITECTS & ENGINEERS	
Waverly Central School District Waverly, NY			
Additions and Alterations to: Waverly Jr. Sr. High School			
Symbols and Abbreviations - Volume 2			
Drawn By: TTAE		Date: 05/19/2023	
Project No.: 339070-22003		Drawing Number: <div style="font-size: 2em; font-weight: bold; text-align: center;">G101</div>	



2 Partial First Floor Demolition Plan - Area A
1/8" = 1'-0"

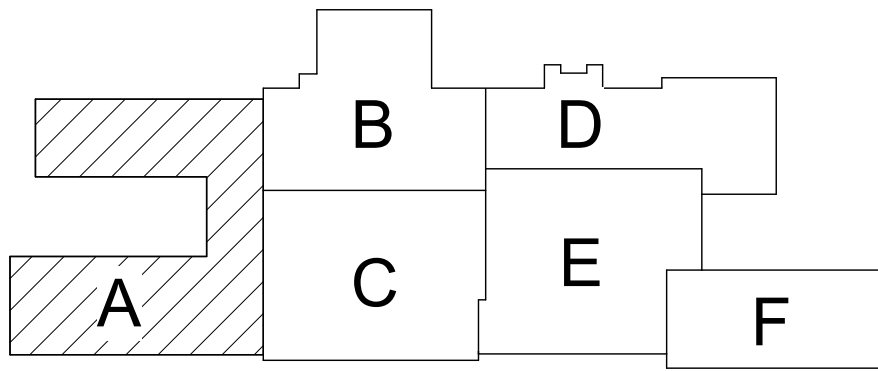
1 First Floor Demolition Plan - Area A
1/8" = 1'-0"

General Notes

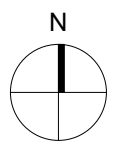
A. REFER TO AM050 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

- 1 REMOVE UNIT VENTILATOR, ASSOCIATED ACCESSORIES, OUTDOOR AIR INTAKE SLEEVE AND LOUVER COMPLETE. REMOVE HWS/R PIPING AS REQUIRED FOR UV REPLACEMENT, INCLUDING ALL NEAR UV PIPING SPECIALTIES. PERFORM WORK SUCH THAT ACM FLOOR RILES BENEATH UV ARE NOT DISTURBED.
- 2 REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES. PREPARE FOR RECONNECTION OF NEW CONTROLS DEVICES.
- 3 REMOVE AIR HANDLING UNIT INCLUDING CONNECTED DUCTWORK, PIPING, CONTROLS, HANGERS AND SUPPORTS.
- 4 REMOVE ROOF MOUNTED EXHAUST FAN CONNECTED DUCTWORK, REGISTERS AND HANGERS
- 5 REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. PREPARE OPENING FOR RECONNECTION.
- 6 REMOVE 18X8 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 7 REMOVE 16X8 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 8 REMOVE EXHAUST DUCT AND ASSOCIATED ACCESSORIES COMPLETE.
- 9 REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES COMPLETE.
- 10 REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE.
- 11 REMOVE PIPING BACK TO MAIN AND CAP WATER TIGHT.
- 12 REMOVE 4"CWR AND 4" HWS TO POC AND CAP WATER TIGHT.
- 13 REMOVE PIPING AS REQUIRED FOR STORM DRAIN LINE. COORDINATE WITH PLUMBING DRAWINGS.



Key Plan
N.T.S.



SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

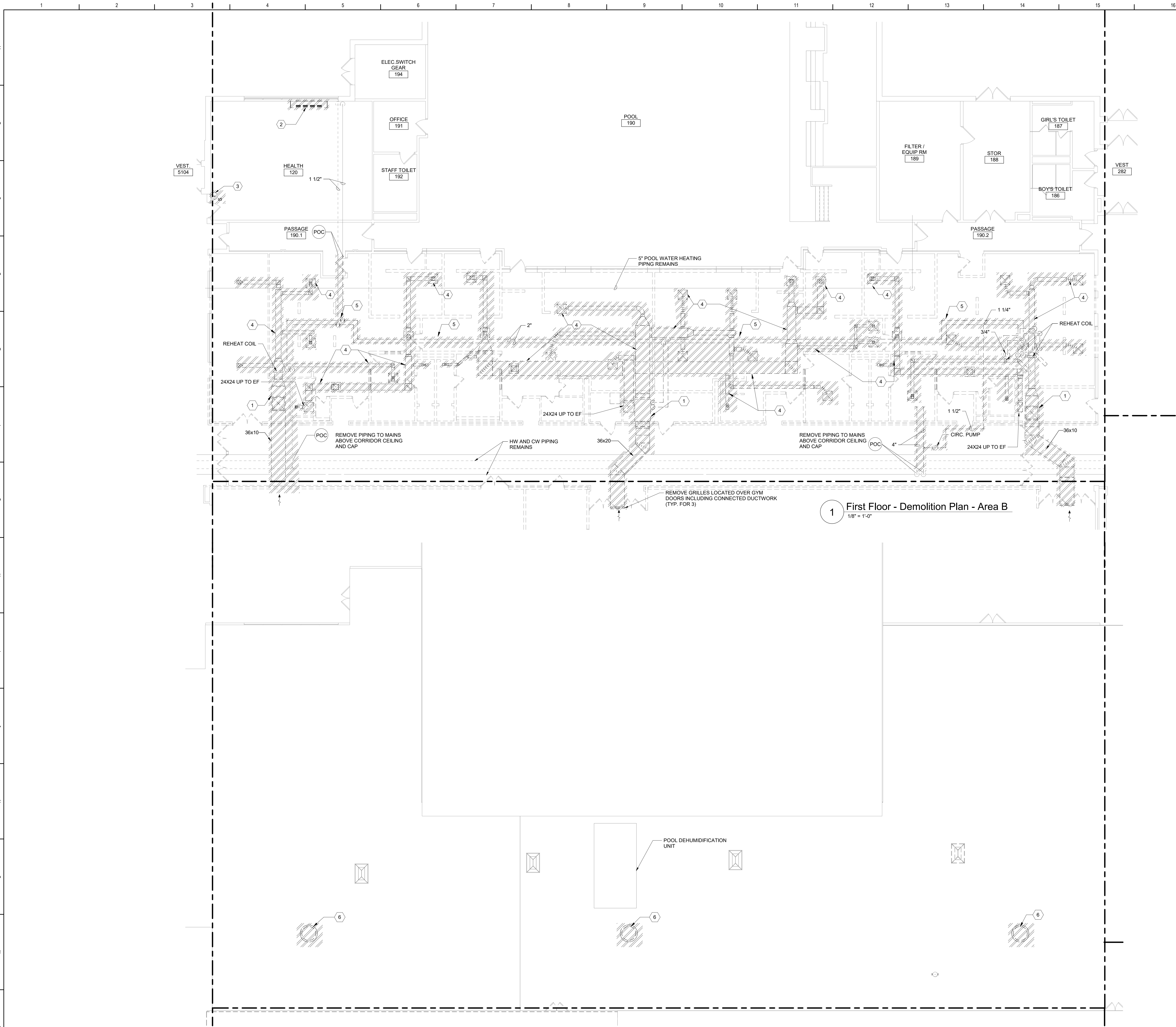
First Floor Demolition Plan - Area A

Drawn By:
DPM/pgm
Project No.:
339070-22003

Date:
05/19/2023

Drawing Number:

AM100



1 First Floor - Demolition Plan - Area B
1/8" = 1'-0"

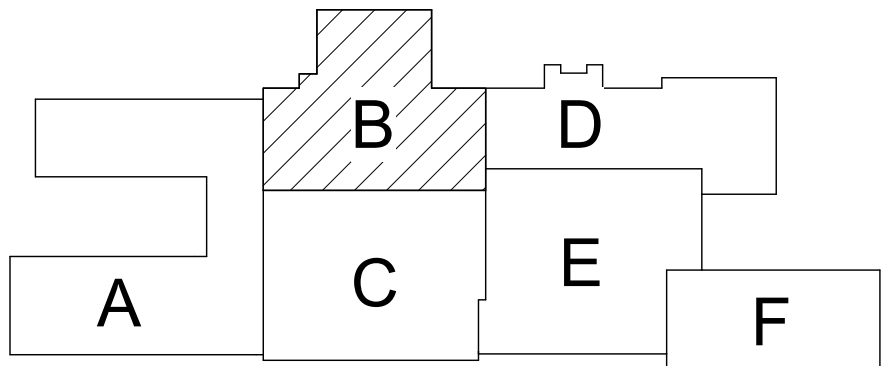
2 Roof Demolition Plan - Area B
1/8" = 1'-0"

General Notes

A. REFER TO AM050 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

- 1 REMOVE AIR HANDLING UNIT INCLUDING CONNECTED DUCTWORK, PIPING, SUPPORTS, HANGERS AND CONTROLS.
- 2 REMOVE UNIT VENTILATOR, ASSOCIATED ACCESSORIES, OUTDOOR AIR INTAKE SLEEVE AND LOUVER COMPLETE. REMOVE HWS/R PIPING AS REQUIRED FOR UV REPLACEMENT, INCLUDING ALL NEAR UV PIPING SPECIALTIES.
- 3 REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES. PREPARE FOR RECONNECTION OF NEW CONTROLS DEVICES.
- 4 REMOVE DUCTWORK INCLUDING HANGERS, SUPPORTS, COILS, CONNECTED PIPING, DIFFUSERS, REGISTERS AND GRILLES.
- 5 REMOVE SUPPLY AND RETURN PIPING INCLUDING HANGERS AND SUPPORTS, PUMPS, VALVES, ETC.
- 6 REMOVE EXHAUST FAN, CURB AND ASSOCIATED CONTROLS



Key Plan
N.T.S.

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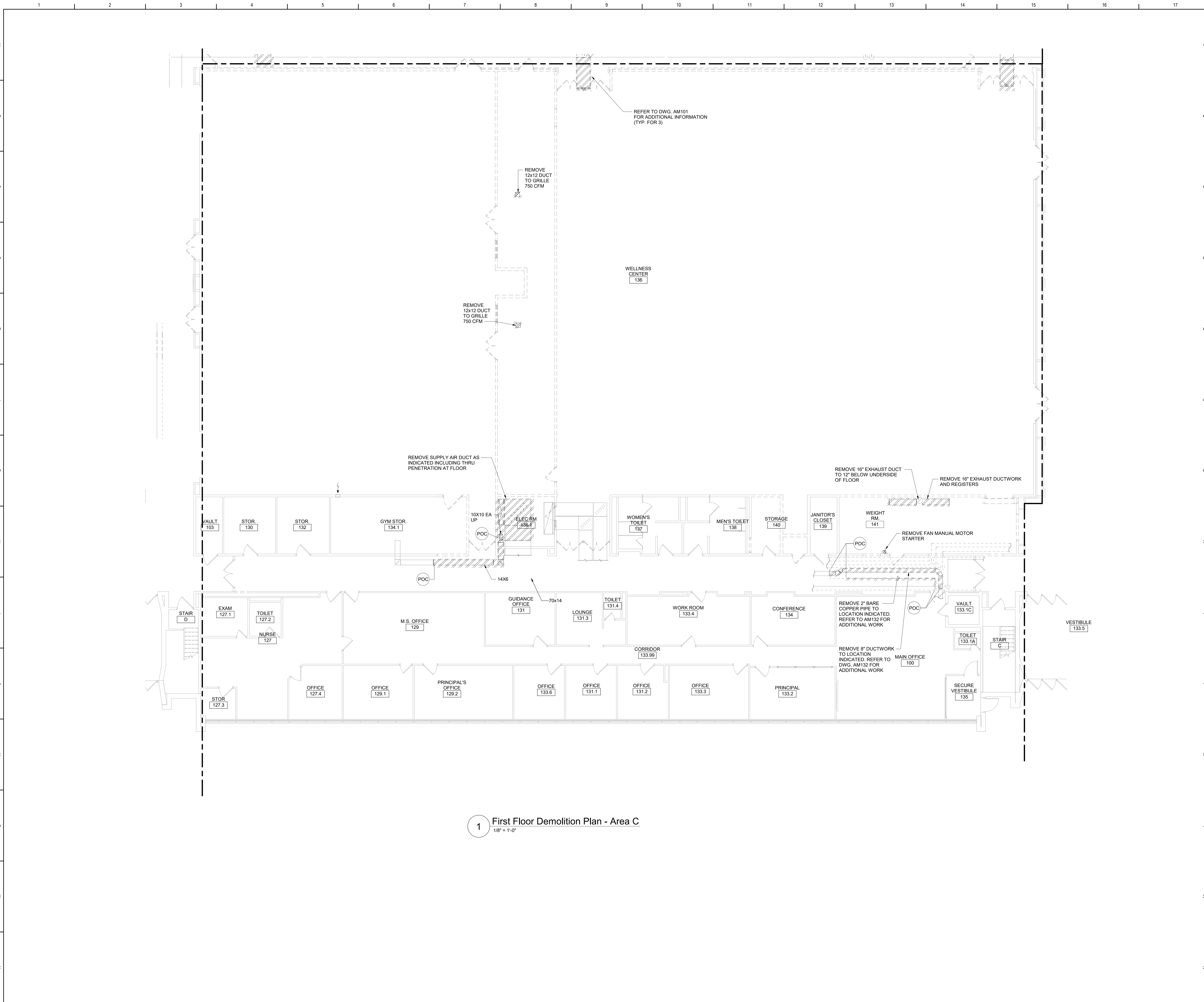
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor and Roof Demolition Plan - Area B

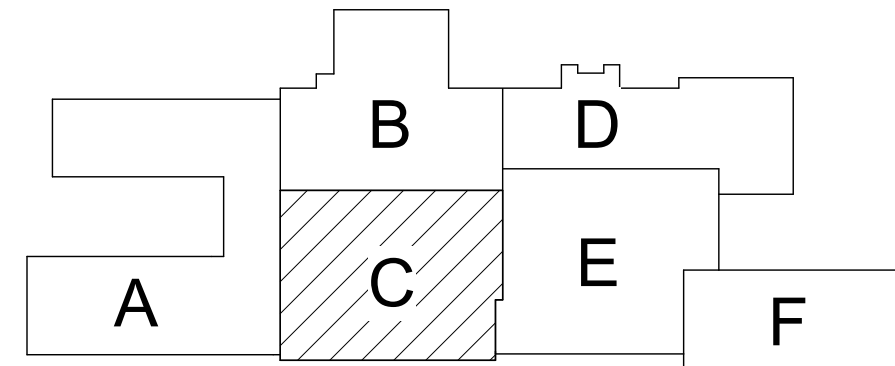
Drawn By: DPM/pgm Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003 **AM101**



1 First Floor Demolition Plan - Area C
1/8" = 1'-0"

General Notes

A. REFER TO AM060 FOR GENERAL NOTES.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area C

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AM102



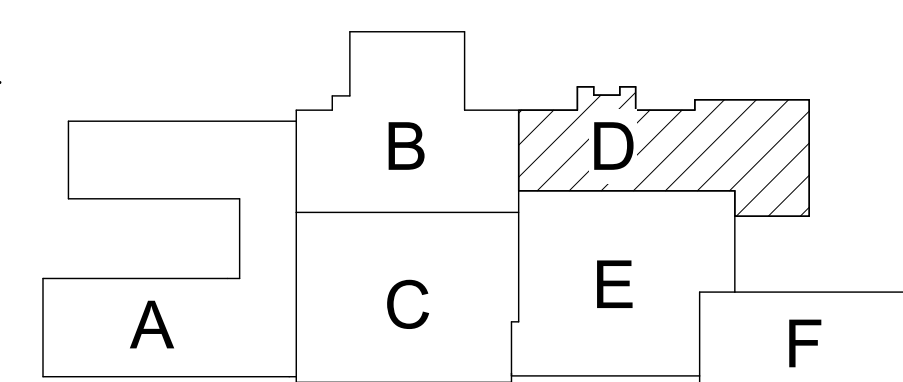
1 First Floor Demolition Plan - Area D
1/8" = 1'-0"

General Notes

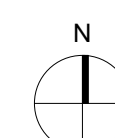
A. REFER TO AM050 FOR GENERAL NOTES

KEYED DEMOLITION NOTES:

- 1 REMOVE UNIT VENTILATOR, ASSOCIATED ACCESSORIES, OUTDOOR AIR INTAKE SLEEVE AND LOUVER COMPLETE. REMOVE HWS/R PIPING AS REQUIRED FOR UV REPLACEMENT, INCLUDING ALL NEAR UV PIPING SPECIALTIES. PERFORM WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.
- 2 REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES. PREPARE FOR RECONNECTION OF NEW CONTROLS DEVICES.



 Key Plan
N.T.S.



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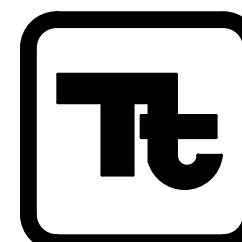
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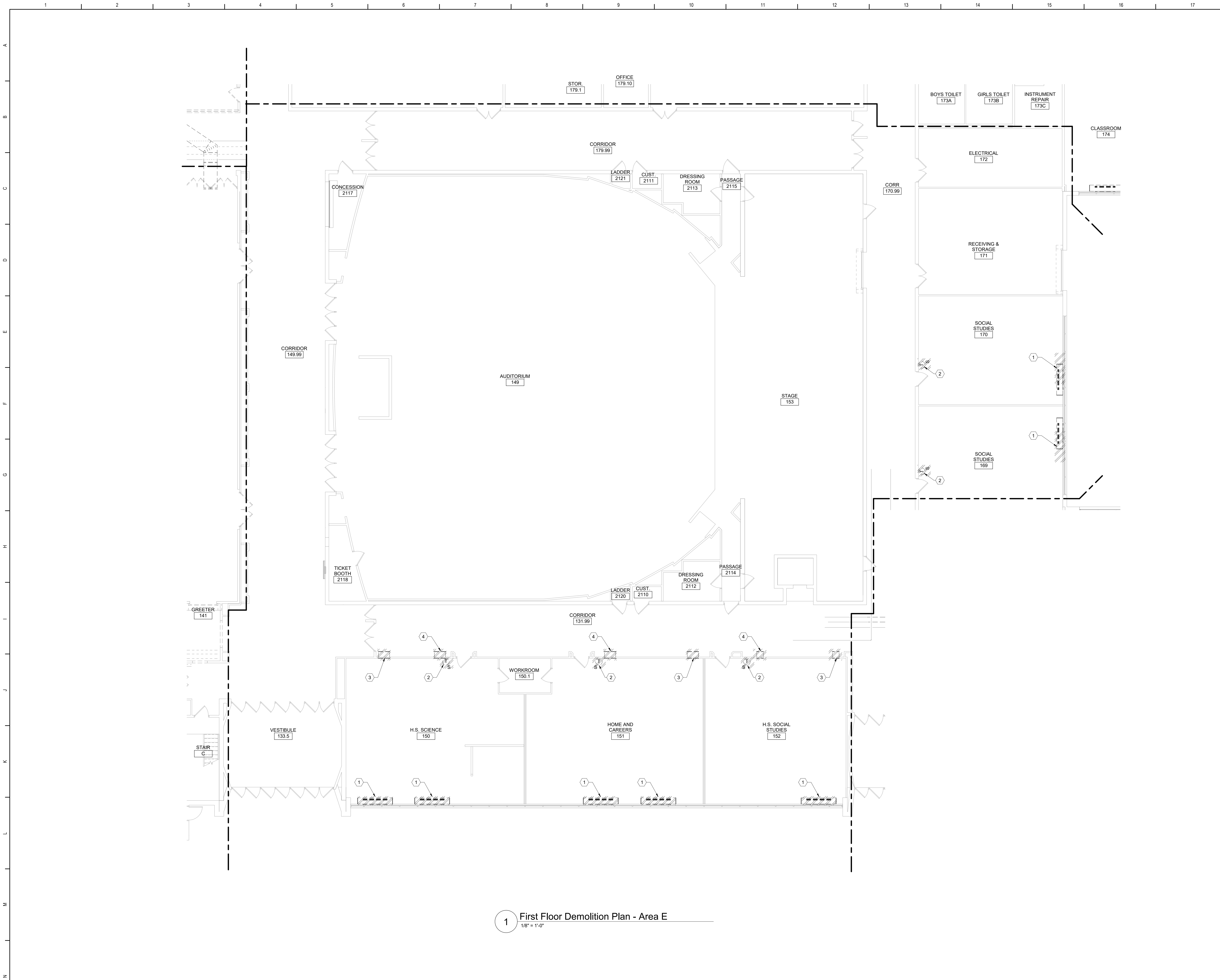
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area D

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AM103



1 First Floor Demolition Plan - Area E
1/8" = 1'-0"

General Notes

A. REFER TO AM050 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

- 1 REMOVE UNIT VENTILATOR, ASSOCIATED ACCESSORIES, OUTDOOR AIR INTAKE SLEEVE AND LOUVER COMPLETE. REMOVE HWS/R PIPING AS REQUIRED FOR UV REPLACEMENT, INCLUDING ALL NEAR UV PIPING SPECIALTIES. PERFORM WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.
- 2 REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES. PREPARE FOR RECONNECTION OF NEW CONTROLS DEVICES.
- 3 REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. PREPARE OPENING FOR RECONNECTION.
- 4 REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. REFER TO ARCH DRAWINGS FOR INFILL DETAILS.

Key Plan
N.T.S.

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Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area E

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number: AM104
Project No.: 339070-22003		



General Notes

A. REFER TO AM050 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

- 1 REMOVE UNIT VENTILATOR, ASSOCIATED ACCESSORIES, OUTDOOR AIR INTAKE SLEEVE AND LOUVER COMPLETE. REMOVE HHWR PIPING AS REQUIRED FOR UV REPLACEMENT, INCLUDING ALL NEAR UV PIPING SPECIALTIES. PERFORM WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.
- 2 REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES. PREPARE FOR RECONNECTION OF NEW CONTROLS DEVICES.
- 3 REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. PREPARE OPENING FOR RECONNECTION.
- 4 REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. REFER TO ARCH DRAWINGS FOR INFILL DETAILS.
- 5 REMOVE 18X8 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 6 REMOVE 16X8 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 7 REMOVE 8X4 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 8 REMOVE 16X16 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 9 REMOVE 2" CHWS/CHWR CHANGEOVER PIPING, VALVES, PUMPS AND ASSOCIATED ACCESSORIES COMPLETE FROM UV SERVED TO POC AS SHOWN. CAP MAIN WATER TIGHT.

Key Plan
N.T.S.

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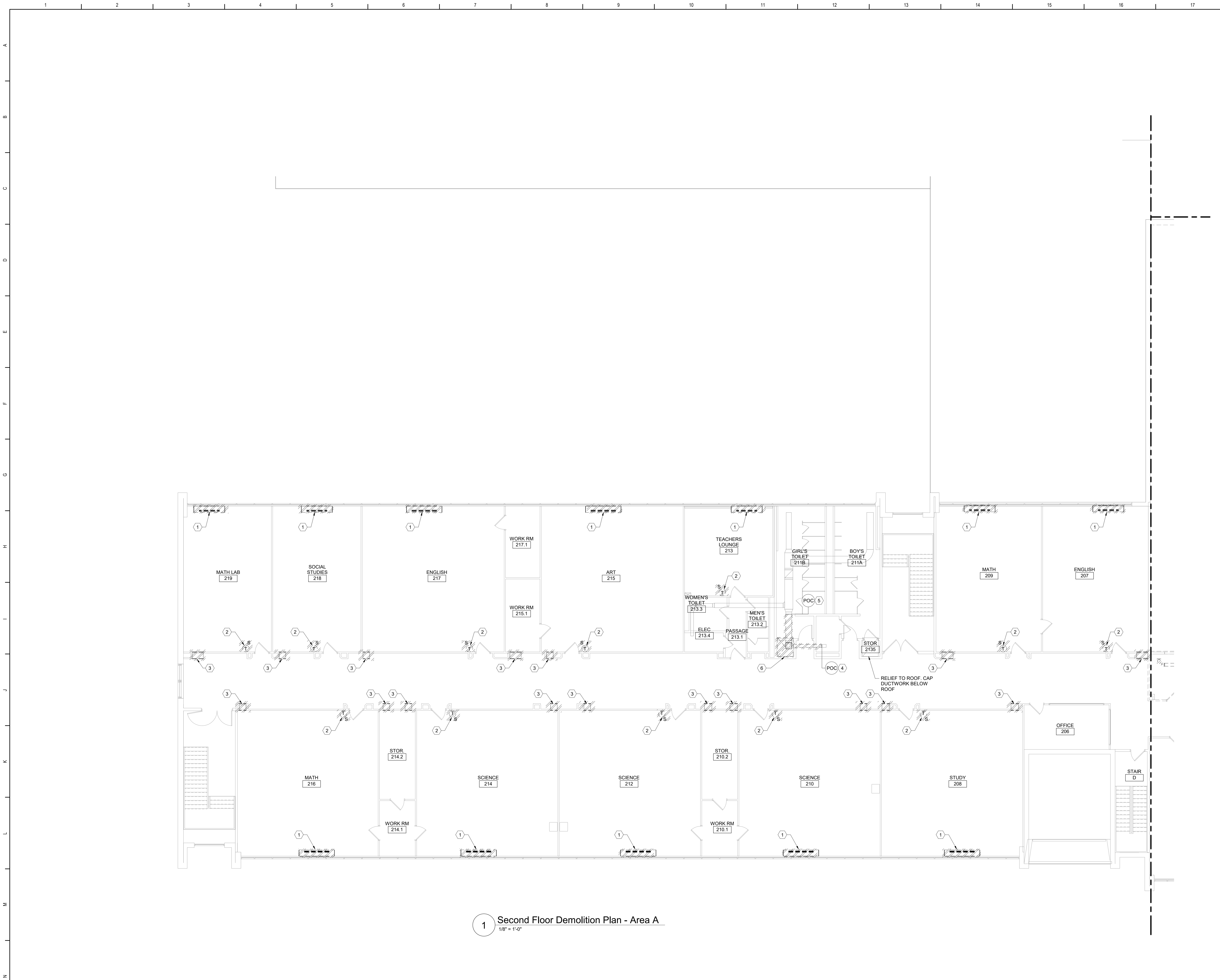
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First and Second Floor Demolition
Plans - Area F

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number: AM105
Project No.: 339070-22003		



1 Second Floor Demolition Plan - Area A
1/8" = 1'-0"

General Notes

A. REFER TO AM050 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

- 1 REMOVE UNIT VENTILATOR, ASSOCIATED ACCESSORIES, OUTDOOR AIR INTAKE SLEEVE AND LOUVER COMPLETE. REMOVE HWSR PIPING AS REQUIRED FOR UV REPLACEMENT, INCLUDING ALL NEAR UV PIPING SPECIALTIES. PERFORM WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.
- 2 REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES. PREPARE FOR RECONNECTION OF NEW CONTROLS DEVICES.
- 3 REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. REFER TO ARCH DRAWINGS FOR INFILL DETAILS.
- 4 REMOVE 8X4 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 5 REMOVE 16X16 DUCT AND ASSOCIATED ACCESSORIES TO POC AS SHOWN. PREPARE FOR RECONNECTION.
- 6 REMOVE 42X50 RELIEF AIR DUCT AND ASSOCIATED ACCESSORIES COMPLETE.

Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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Waverly, NY

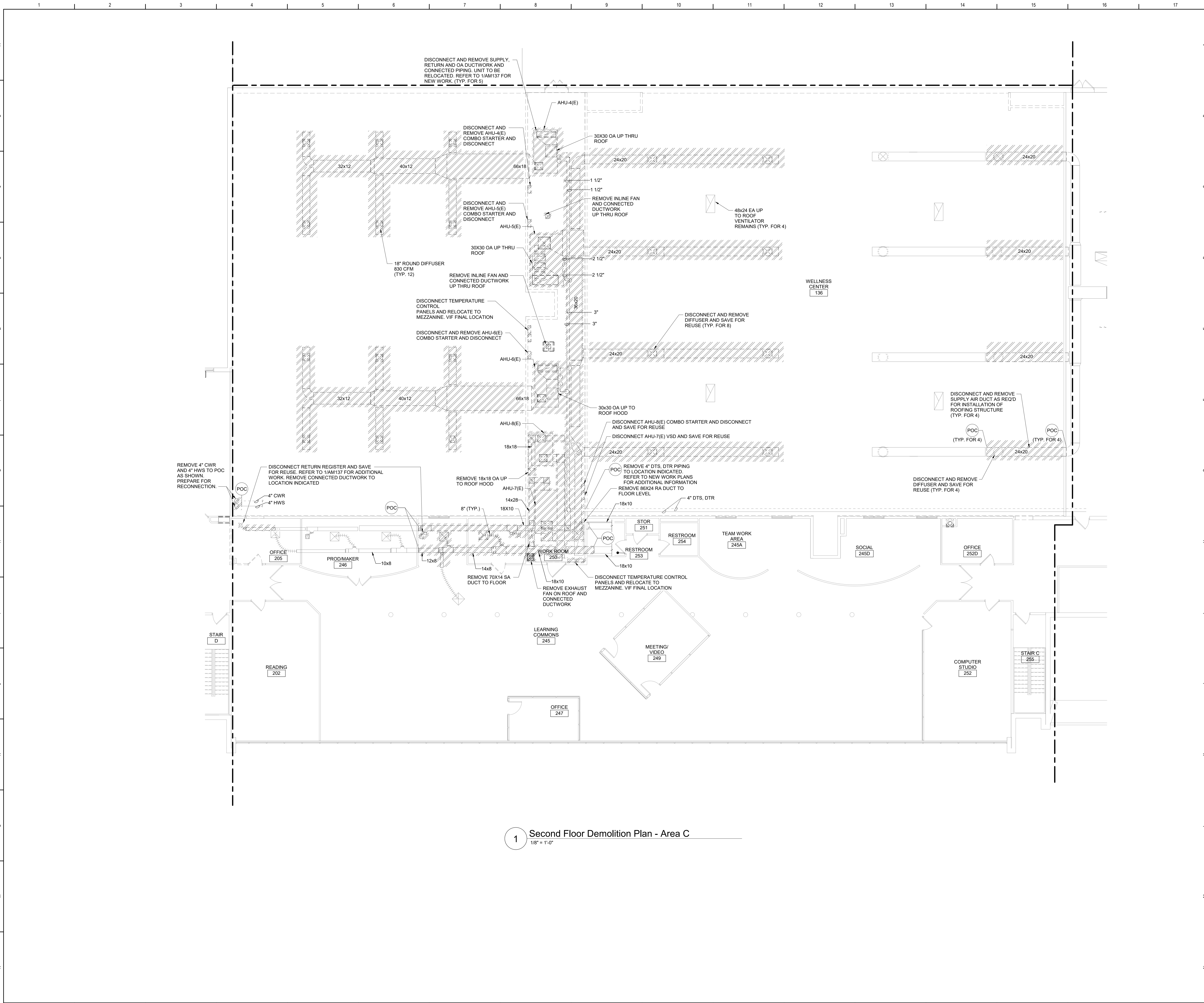
Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Demolition Plan - Area A

Drawn By:	Date:	Drawing Number:
DPM/pgm	05/19/2023	
Project No.:		

339070-22003

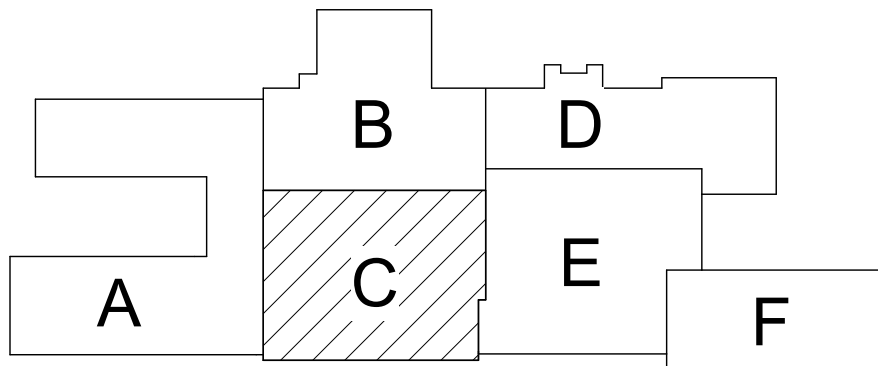
AM106



1 Second Floor Demolition Plan - Area C
1/8" = 1'-0"

General Notes

A. REFER TO AM050 FOR GENERAL NOTES.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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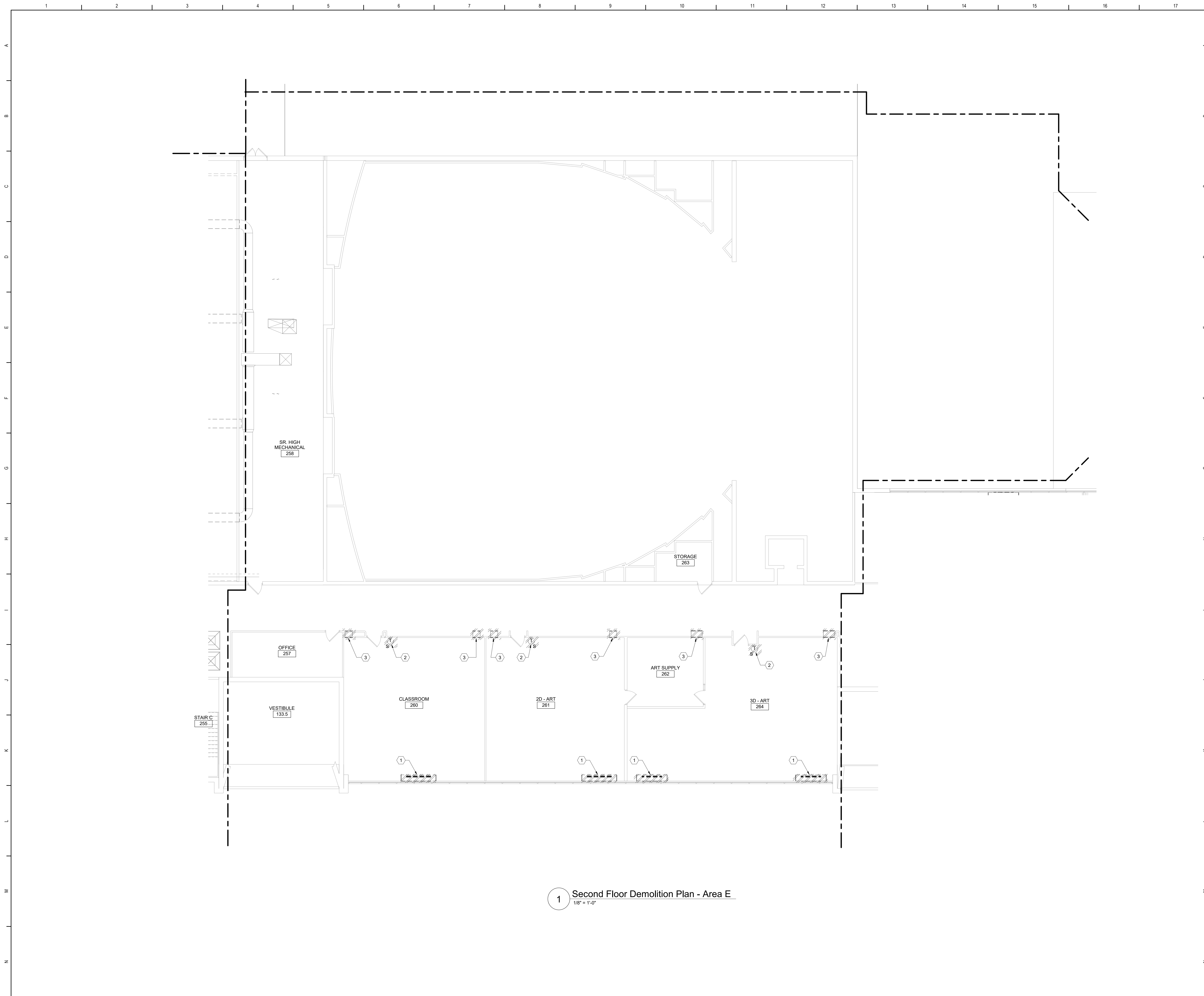


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Demolition Plan - Area C

Drawn By: DPM/pgm Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003
AM107



General Notes

A. REFER TO AM050 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

① REMOVE UNIT VENTILATOR, ASSOCIATED ACCESSORIES, OUTDOOR AIR INTAKE SLEEVE AND LOUVER COMPLETE. REMOVE HVAC PIPING AS REQUIRED FOR UV REPLACEMENT, INCLUDING ALL NEAR UV PIPING SPECIALTIES. PERFORM WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.

② REMOVE THERMOSTAT AND ASSOCIATED ACCESSORIES. PREPARE FOR RECONNECTION OF NEW CONTROLS DEVICES.

③ REMOVE RELIEF AIR GRILLE, DUCT AND ASSOCIATED ACCESSORIES COMPLETE. REFER TO ARCH DRAWINGS FOR INFILL DETAILS.

Key Plan
N.T.S.

N

SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:

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BID SET

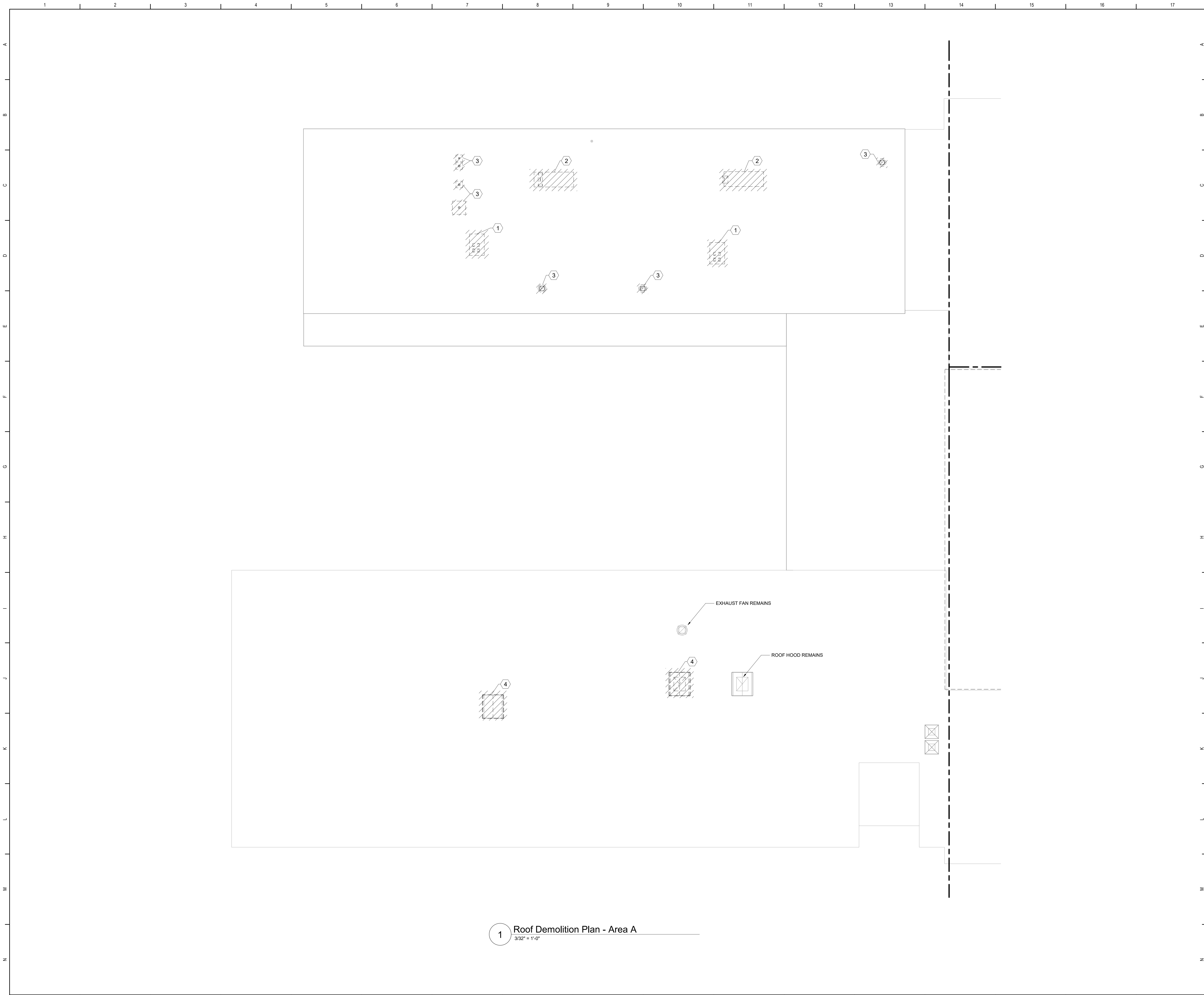
TETRA TECH
ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Demolition Plan - Area E

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number: AM108
Project No.: 339070-22003		

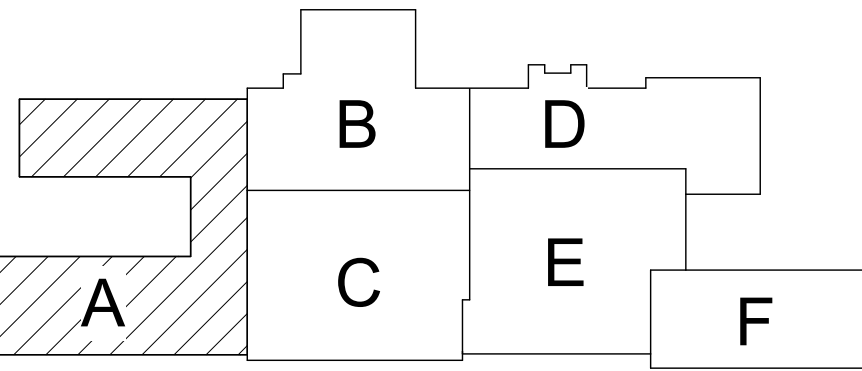


General Notes

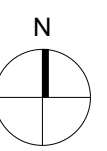
- A. REFER TO AM060 FOR GENERAL NOTES.

KEYED DEMOLITION NOTES:

- 1 REMOVE PACKAGED ROOFTOP UNIT AND CURB, CONNECTED DUCTWORK AND ASSOCIATED CONTROLS. EVACUATE AND LEGALLY DISPOSE OF REFRIGERANT. REFER TO STRUCTURAL DRAWINGS FOR ROOFING INFILL DETAIL.
- 2 REMOVE GAS-FIRED MAKE-UP AIR UNIT AND CURB, CONNECTED DUCTWORK AND ASSOCIATED CONTROLS. REFER TO STRUCTURAL DRAWINGS FOR ROOFING INFILL DETAIL.
- 3 REMOVE ROOF MOUNTED EXHAUST FANS, CONNECTED DUCTWORK, CURB AND ASSOCIATED CONTROLS. REFER TO STRUCTURAL DRAWINGS FOR ROOFING INFILL DETAIL.
- 4 REMOVE RTH, CURB AND ASSOCIATED ACCESSORIES COMPLETE. PREPARE OPENING FOR RECONNECTION. REFER TO STRUCTURAL DRAWINGS FOR ROOFING INFILL DETAIL.



Key Plan
N.T.S.



SED Control No. 60-01-01-06-0-018-023

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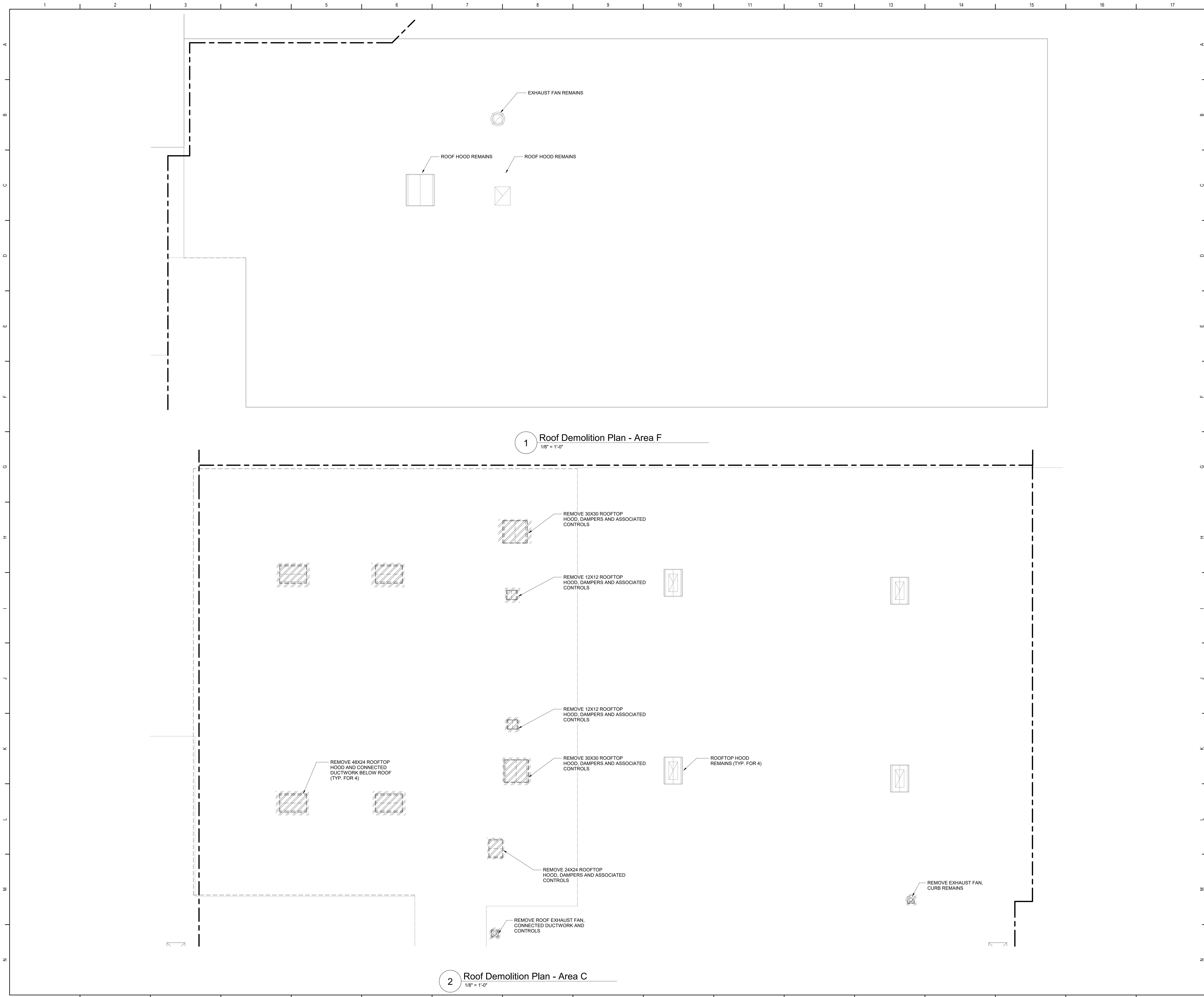


Waverly Central School District
Waverly, NY

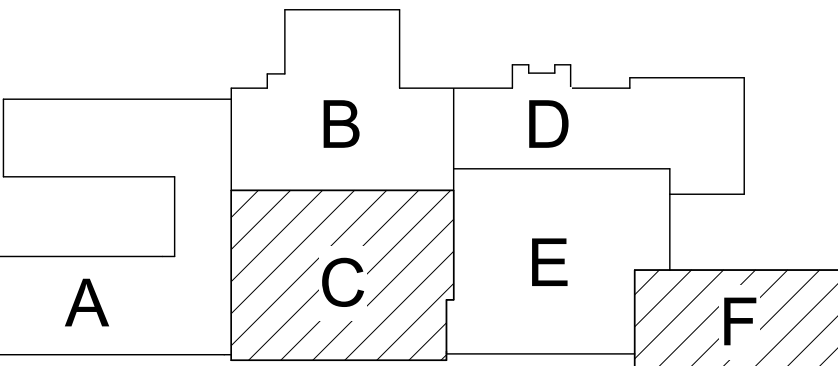
Additions and Alterations to:
Waverly Jr. Sr. High School

Roof Demolition Plan - Area A

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AM109



General Notes
A. REFER TO AM050 FOR GENERAL NOTES.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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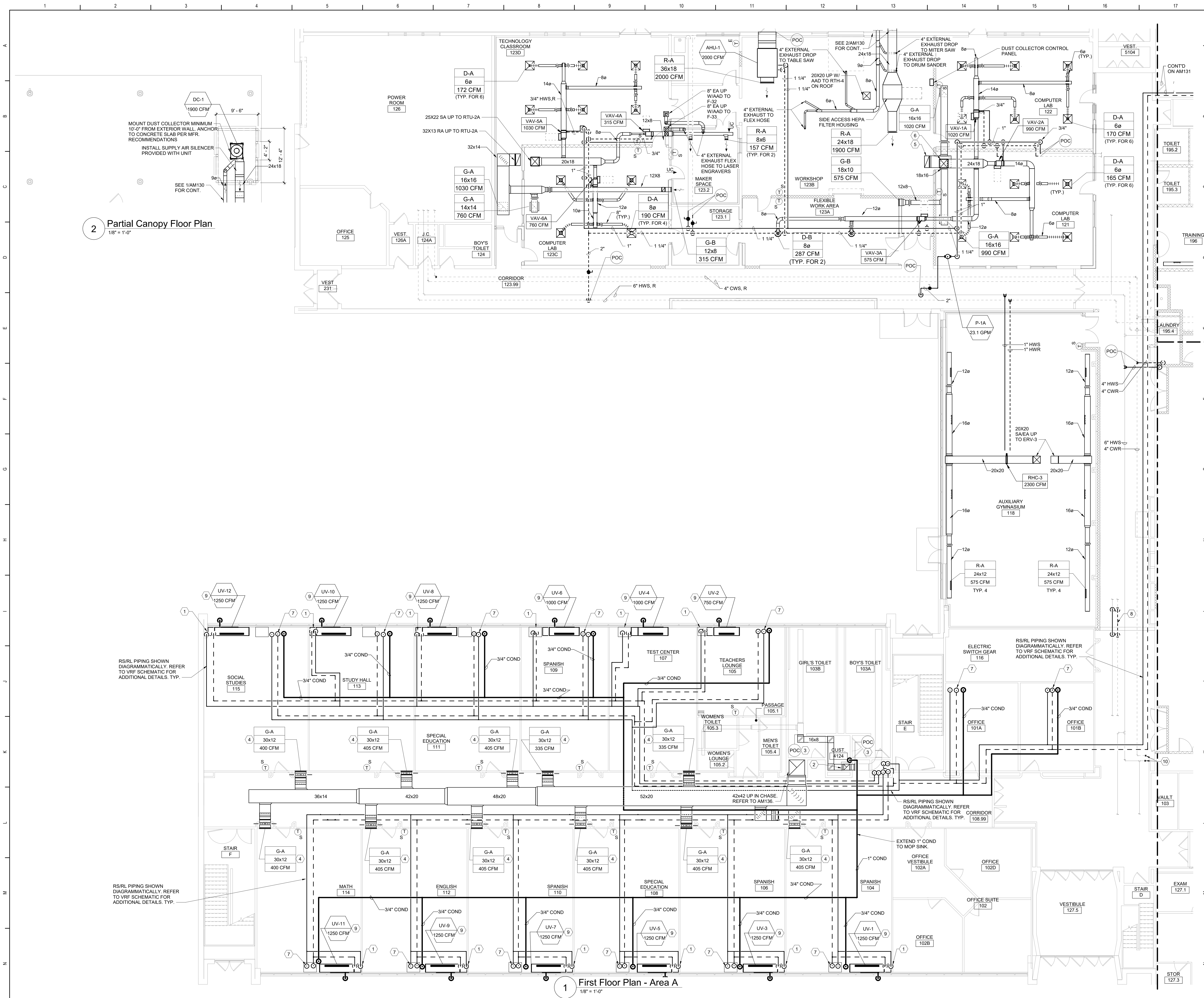


Waverly Central School District
Waverly, NY

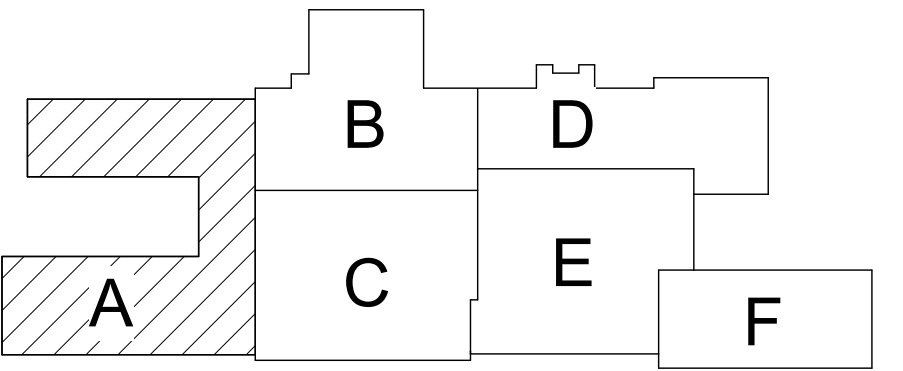
Additions and Alterations to:
Waverly Jr. Sr. High School

Roof Demolition Plans - Areas C and F

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AM110	



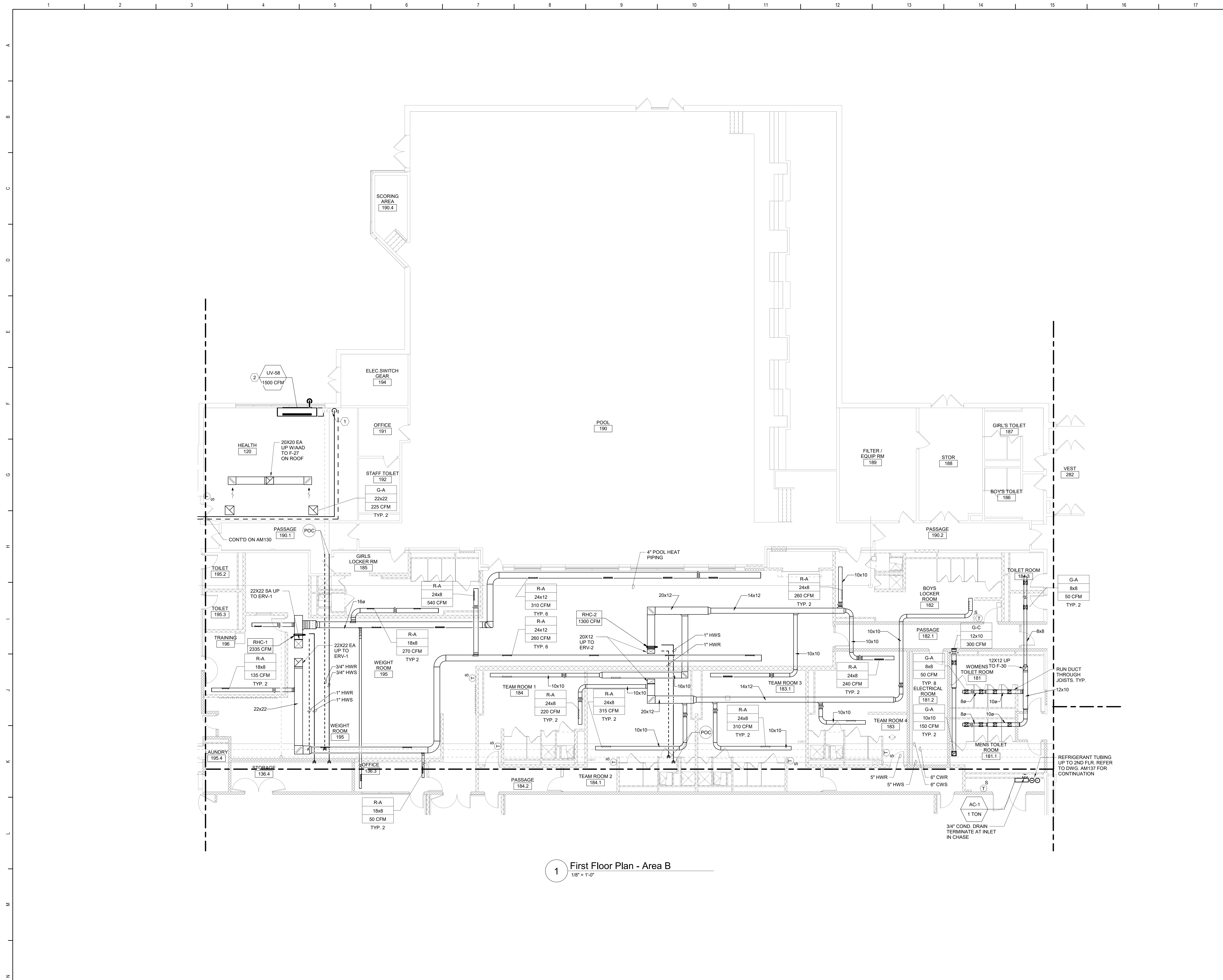
- General Notes**
- A. REFER TO AM500 FOR GENERAL NOTES.
B. PERFORM UNIT VENTILATOR WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.
- KEYED NOTES:**
1. PROVIDE SHEET METAL PIPE ENCLOSURE AND TEMPRINATE IN PIPING CABINET. VERIFY EXACT DIMENSIONS IN FIELD. REFER TO AM500 FOR ENCLOSURE DETAIL.
 2. 16X16 EA DUCT UP.
 3. RECONNECT DUCT AT POC AS SHOWN.
 4. REUSE EXISTING OPENING. MODIFY AS REQUIRED FOR INSTALLATION OF DUCTWORK, REGISTER AND ASSOCIATED ACCESSORIES.
 5. RA UP TO RTU-1-A.
 6. SA UP TO RTU-1-A.
 7. RS/RL UP TO UNIT ON FLOOR ABOVE. REFER TO VRF SCHEMATIC FOR ADDITIONAL DETAILS.
 8. PROVIDE OFFSET IN HWS/R PIPING TO CREATE SPACE FOR PLUMBING WORK. OFFSET PIPING TIGHT TO STRUCTURE AND COORDINATE WITH PLUMBING DRAWINGS FOR EXACT LOCATION.
 9. PROVIDE CUSTOM DEPTH END PANEL EXTENSIONS AS REQUIRED TO INFILL THE SPACE BETWEEN THE CASEWORK TO REMAIN AND THE UV.
 10. PROVIDE CAP FOR 4\"/>



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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TETRA TECH ARCHITECTS & ENGINEERS		
Waverly Central School District Waverly, NY		
Additions and Alterations to: Waverly Jr. Sr. High School		
First Floor Plan - Area A		
Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AM130



1 First Floor Plan - Area B
1/8" = 1'-0"

General Notes

A REFER TO AM050 FOR GENERAL NOTES.

KEYED NOTES:

1

PROVIDE SHEET METAL PIPE ENCLOSURE. VERIFY EXACT DIMENSIONS IN FIELD. RUN RS/RL PIPING ADJACENT TO EXISTING HWS/HWR PIPING. REFER TO AM500 FOR ENCLOSURE DETAIL.

2

PROVIDE CUSTOM DEPTH END PANEL EXTENSIONS AS REQUIRED TO INFILL THE SPACE BETWEEN THE CASEWORK TO REMAIN AND THE UV.

A

B

C

D

E


F

Key Plan

N.T.S.

SED Control No. 60-01-01-06-0-018-023

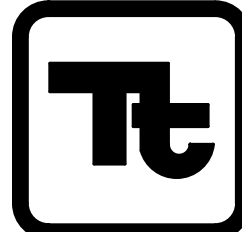
Rev. No.:	Date:	Description:



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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

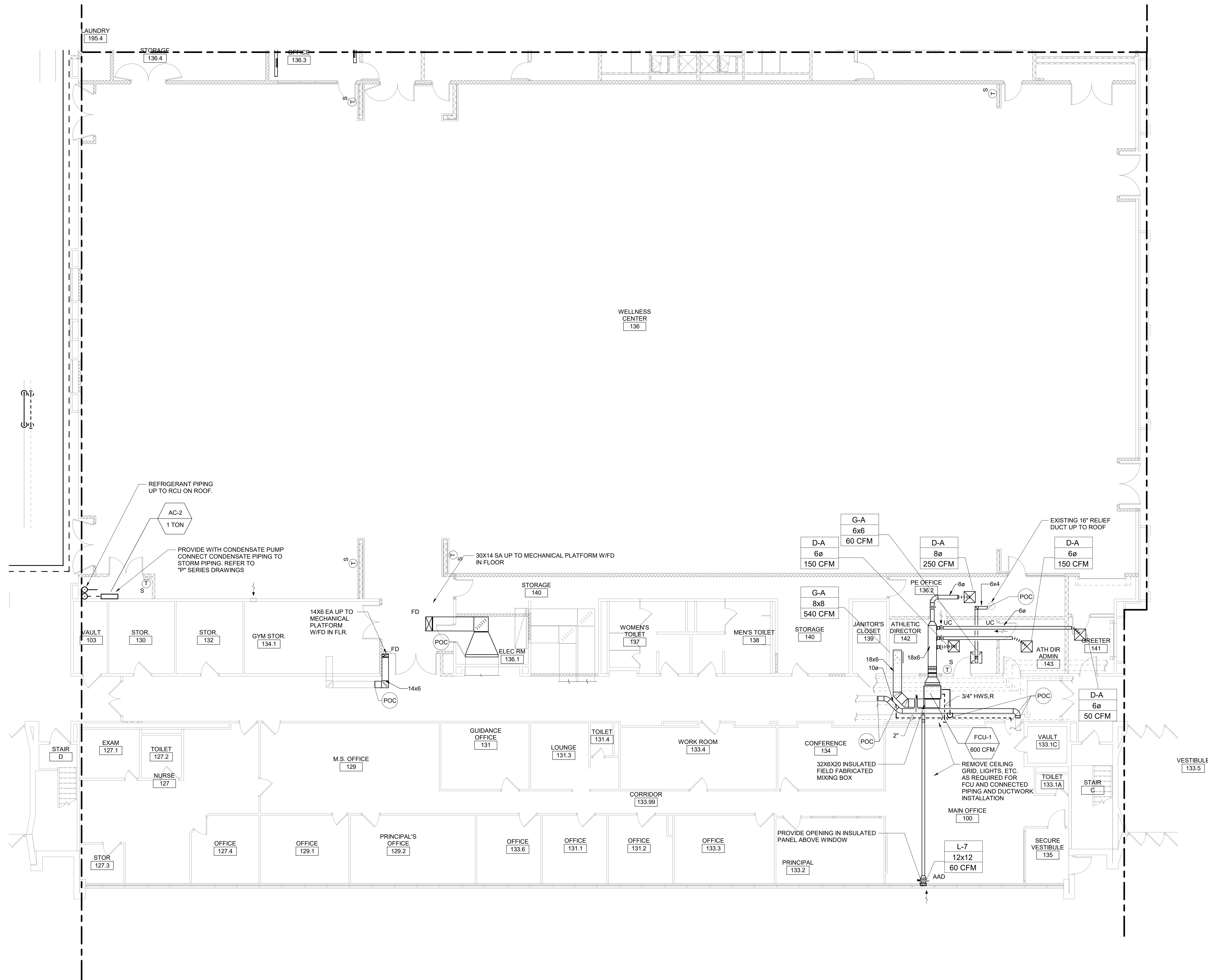
First Floor Plan - Area B

Drawn By:
DPM/pgm

Date:
05/19/2023

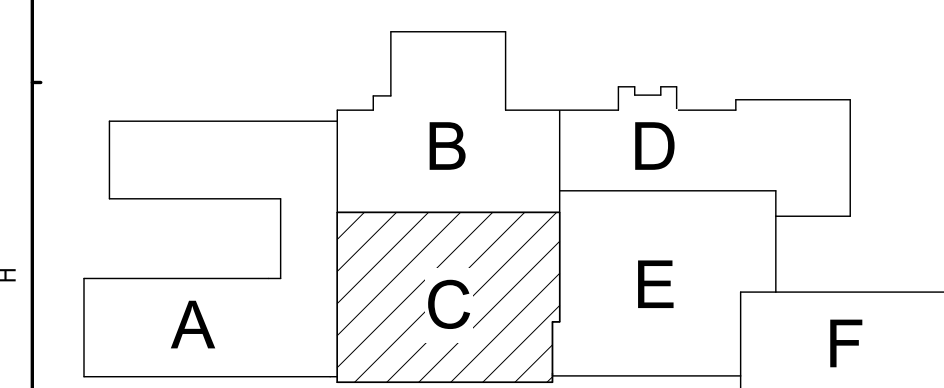
Project No.:
339070-22003

Drawing Number:
AM131



1 First Floor Plan - Area C
1/8" = 1'-0"

General Notes
A. REFER TO AM050 FOR GENERAL NOTES.



Key Plan
N.T.S.
SED Control No. 60-01-01-06-0-018-023

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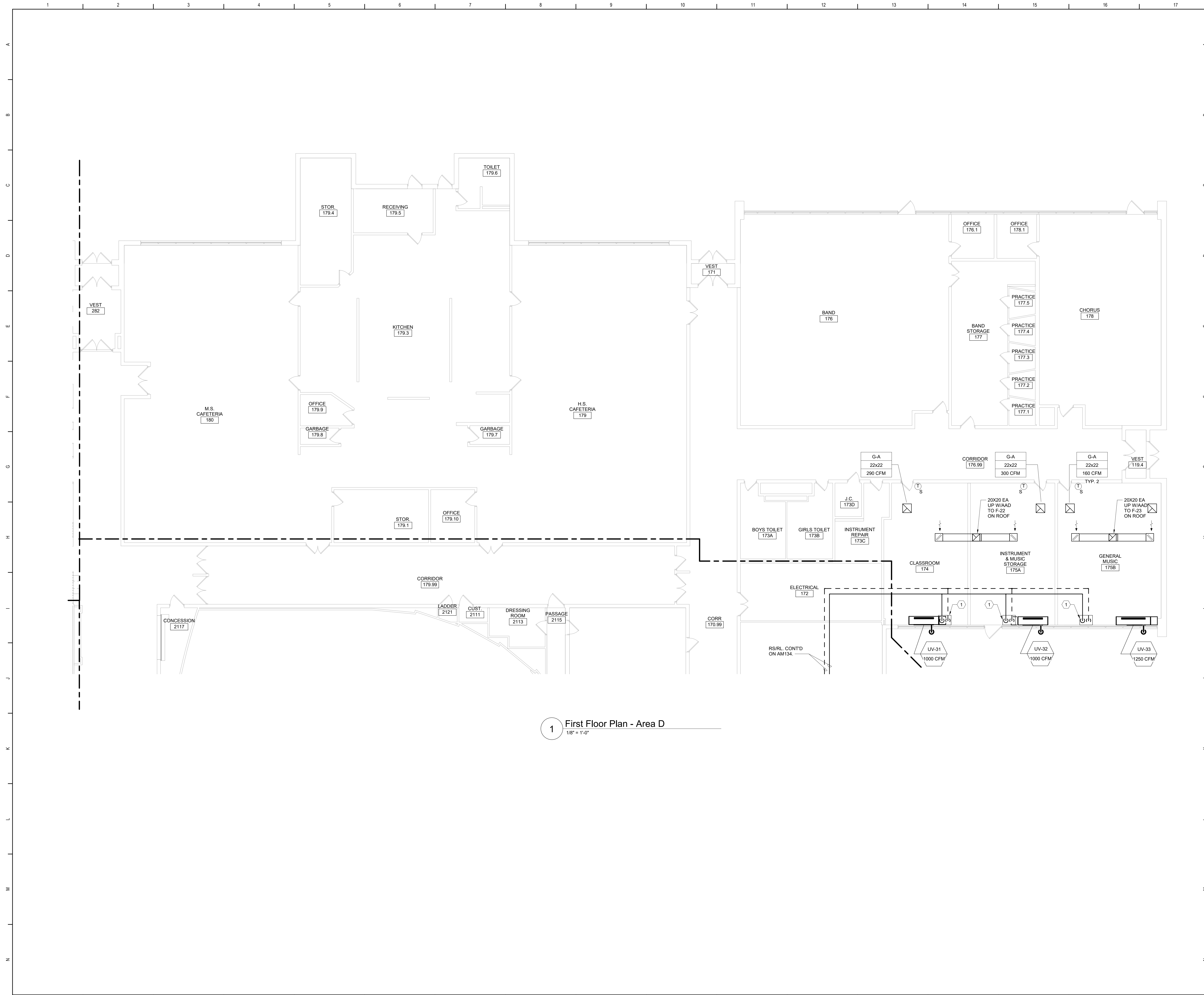


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Plan - Area C

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AM132	



General Notes

A. REFER TO AM00 FOR GENERAL NOTES.
B. PERFORM UNIT VENTILATOR WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.

KEYED NOTES:

(1) PROVIDE SHEET METAL PIPE ENCLOSURE. VERIFY EXACT DIMENSIONS IN FIELD. RUN RS/RL PIPING ADJACENT TO EXISTING HW/SHWR PIPING. REFER TO AM000 FOR ENCLOSURE DETAIL.

Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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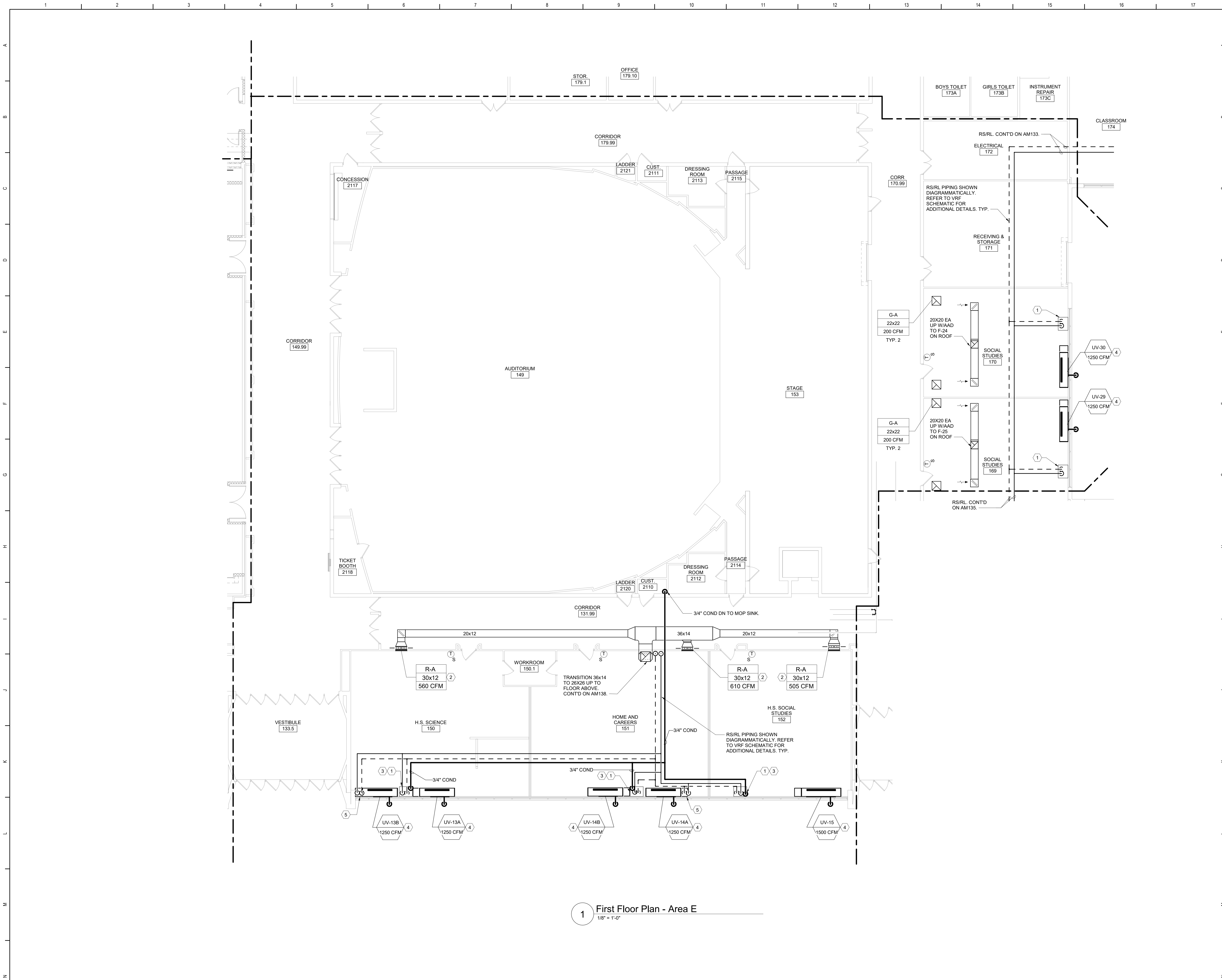
TETRA TECH
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

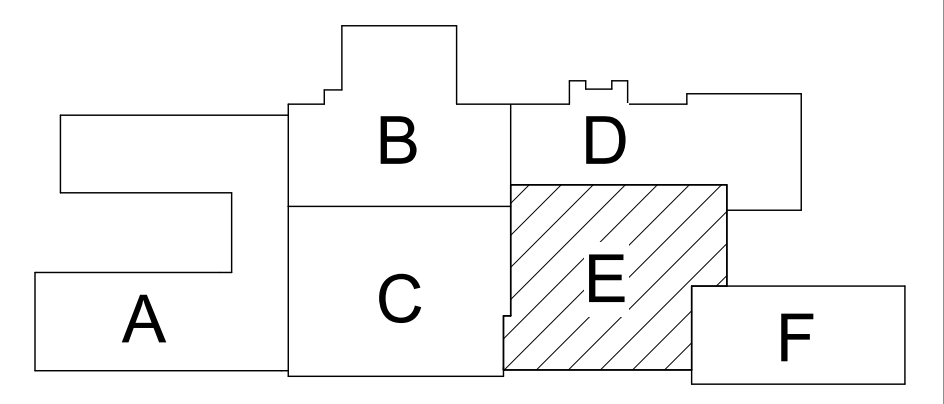
First Floor Plan - Area D

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number: AM133
Project No.: 339070-22003		



1 First Floor Plan - Area E
1/8" = 1'-0"

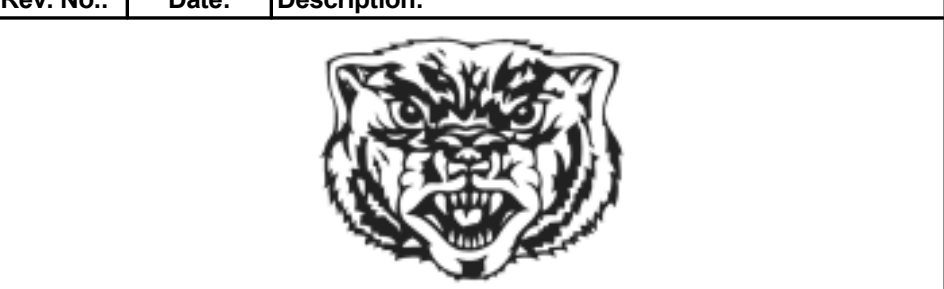
- General Notes**
- A. REFER TO AM500 FOR GENERAL NOTES.
 - B. PERFORM UNIT VENTILATOR WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.
- KEYED NOTES:**
- 1. PROVIDE SHEET METAL PIPE ENCLOSURE. VERIFY EXACT DIMENSIONS IN FIELD. RUN RS/RL PIPING ADJACENT TO EXISTING HWSHWR PIPING. REFER TO AM500 FOR ENCLOSURE DETAIL.
 - 2. REUSE EXISTING OPENING. MODIFY AS REQUIRED FOR INSTALLATION OF DUCTWORK, REGISTER AND ASSOCIATED ACCESSORIES.
 - 3. RS/RL DOWN IN SHEET METAL PIPE ENCLOSURE AND UP TO UNIT ON FLOOR ABOVE. REFER TO VRF SCHEMATIC FOR ADDITIONAL DETAILS.
 - 4. PROVIDE CUSTOM DEPTH END PANEL EXTENSIONS AS REQUIRED TO INFILL THE SPACE BETWEEN THE CASEWORK TO REMAIN AND THE UV.
 - 5. PROVIDE SHEET METAL PIPE ENCLOSURE. VERIFY EXACT DIMENSIONS IN FIELD.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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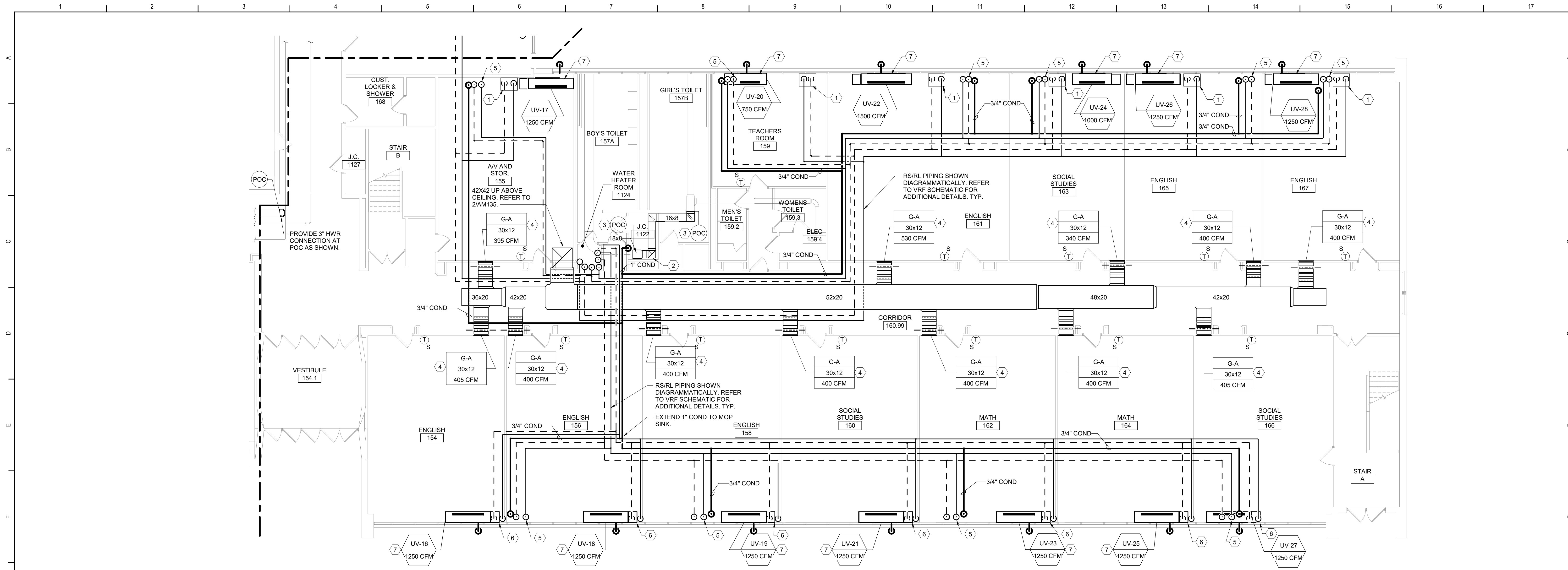
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Waverly, NY

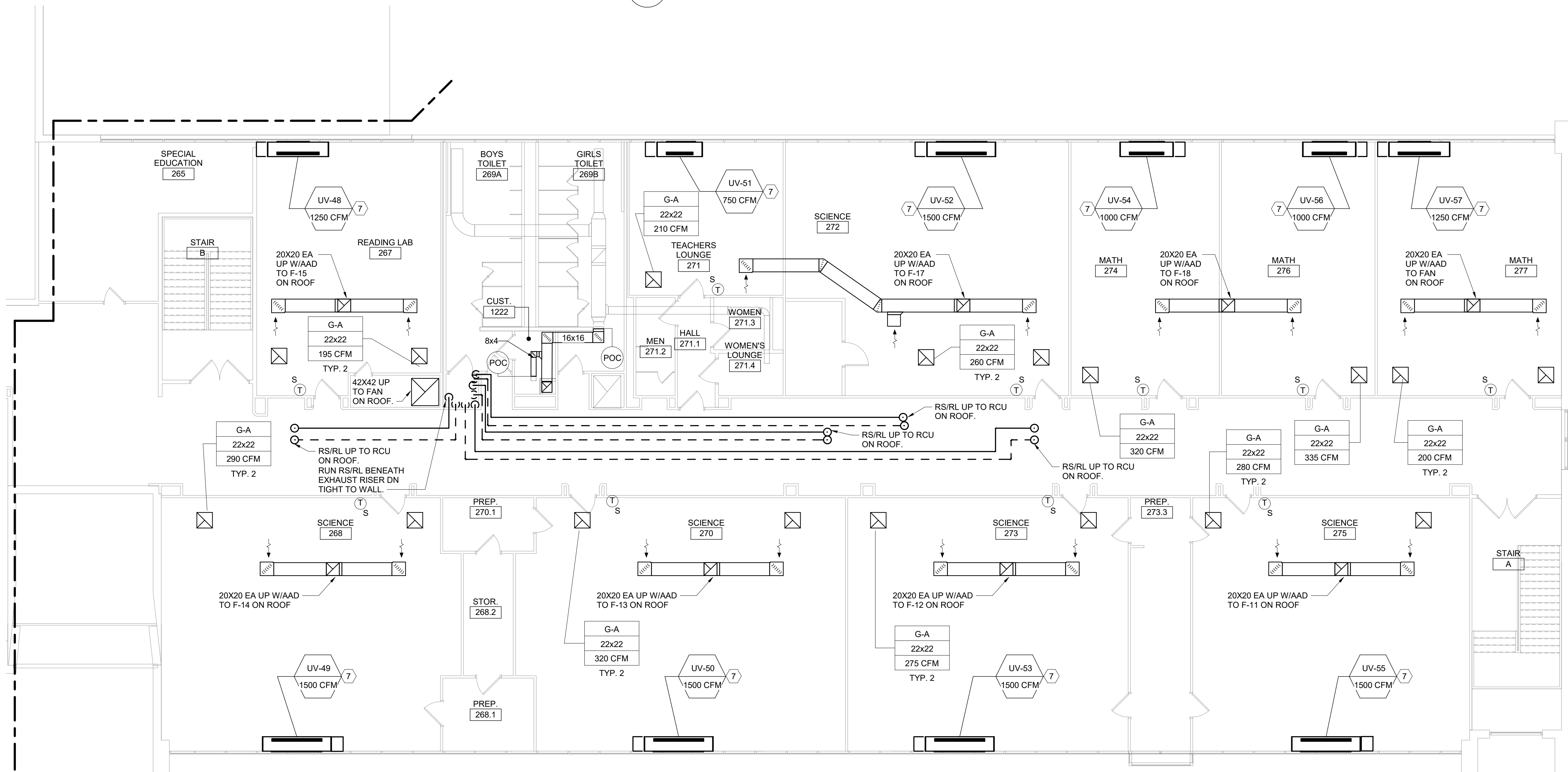
Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Plan - Area E

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number: AM134
Project No.: 339070-22003		



1 First Floor Plan - Area F
1/8" = 1'-0"



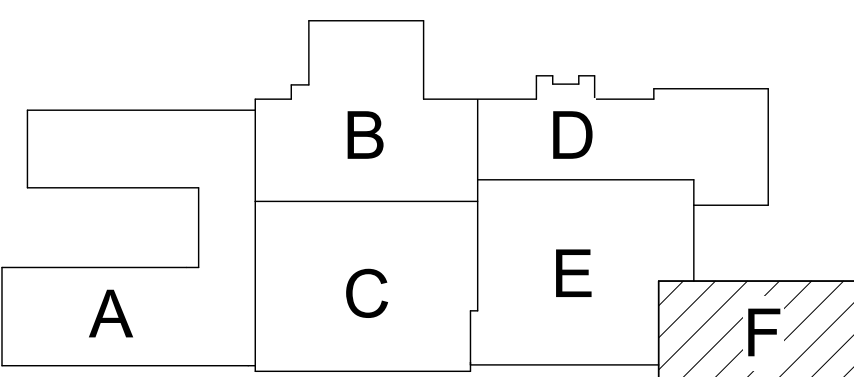
2 Second Floor Plan - Area F
1/8" = 1'-0"

General Notes

- REFER TO AM050 FOR GENERAL NOTES.
- PERFORM UNIT VENTILATOR WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.

KEYED NOTES:

- PROVIDE SHEET METAL PIPE ENCLOSURE. VERIFY EXACT DIMENSIONS IN FIELD. RUN RS/RL PIPING ADJACENT TO EXISTING HW/SHWR PIPING. REFER TO AM500 FOR ENCLOSURE DETAIL.
- 16X16 EA DUCT UP.
- RECONNECT DUCT AT POC AS SHOWN.
- REUSE EXISTING OPENING. MODIFY AS REQUIRED FOR INSTALLATION OF DUCTWORK, REGISTER AND ASSOCIATED ACCESSORIES.
- RS/RL UP TO UNIT ON FLOOR ABOVE. REFER TO VRF SCHEMATIC FOR ADDITIONAL DETAILS.
- PROVIDE SHEET METAL PIPE ENCLOSURE. ROUTE RS/RL INTO PIPE CABINET.
- PROVIDE CUSTOM DEPTH END PANEL EXTENSIONS AS REQUIRED TO INFILL THE SPACE BETWEEN THE CASEWORK TO REMAIN AND THE UV.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First and Second Floor Plans - Area F

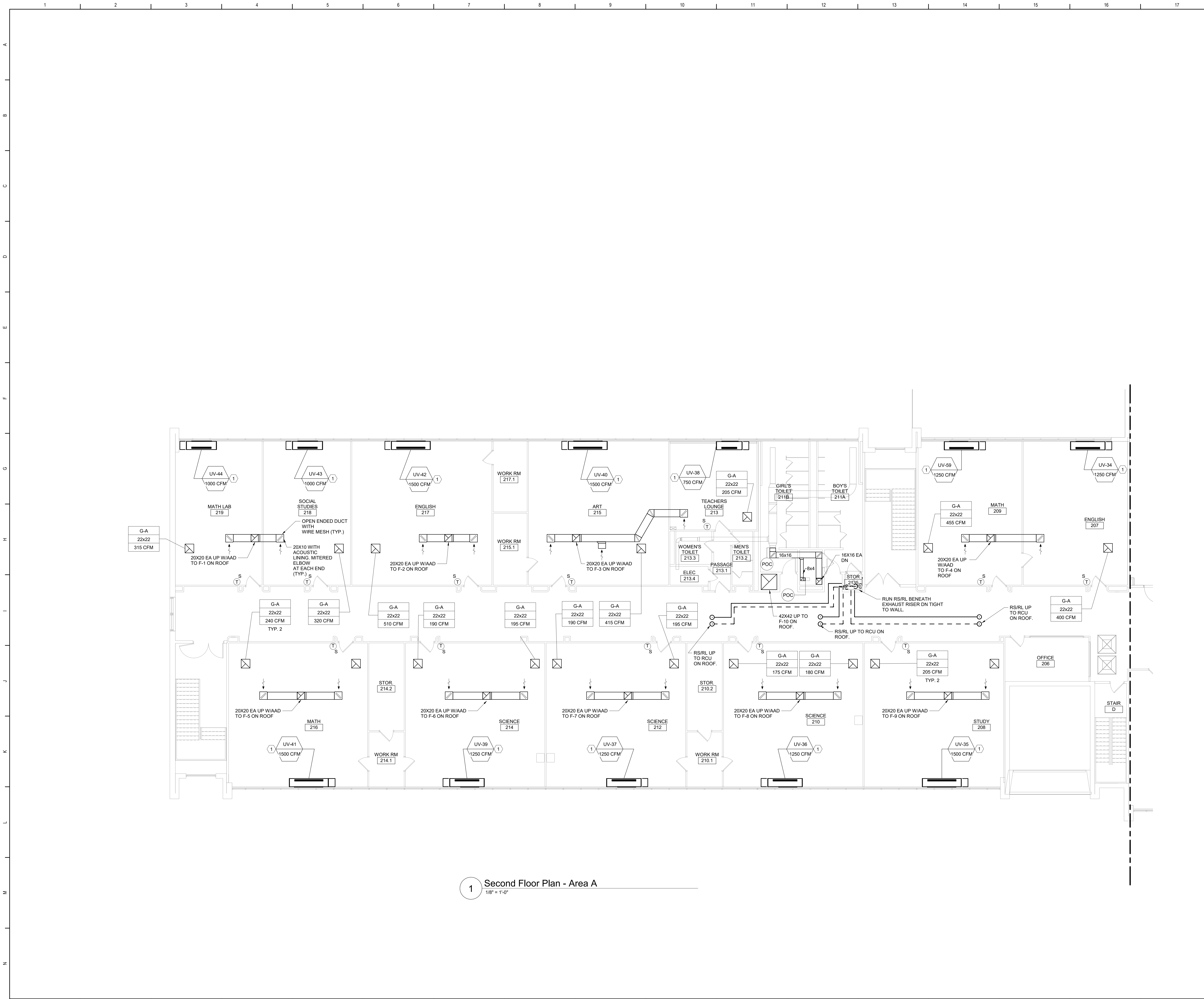
Drawn By:
DPM/pgm
Project No.:
339070-22003

Date:
05/19/2023

Drawing Number:

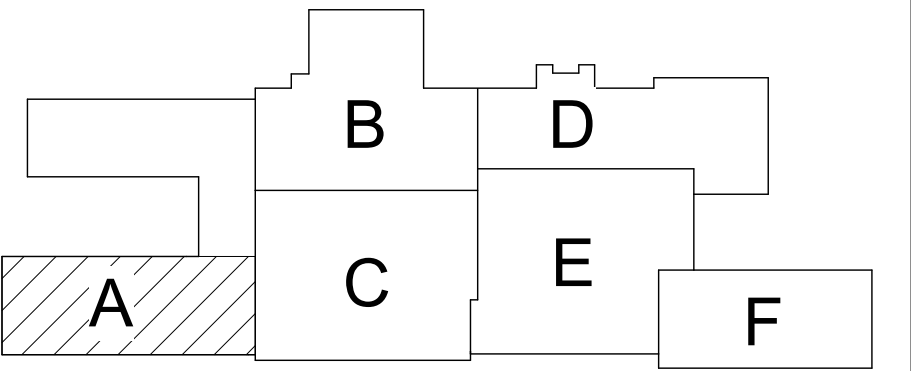
AM135

BID SET



General Notes
A. REFER TO AM000 FOR GENERAL NOTES.
B. PERFORM UNIT VENTILATOR WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.

KEYED NOTES:
(1) PROVIDE CUSTOM DEPTH END PANEL EXTENSIONS AS REQUIRED TO INFILL THE SPACE BETWEEN THE CASEWORK TO REMAIN AND THE UV.



Key Plan
N.T.S.
SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:



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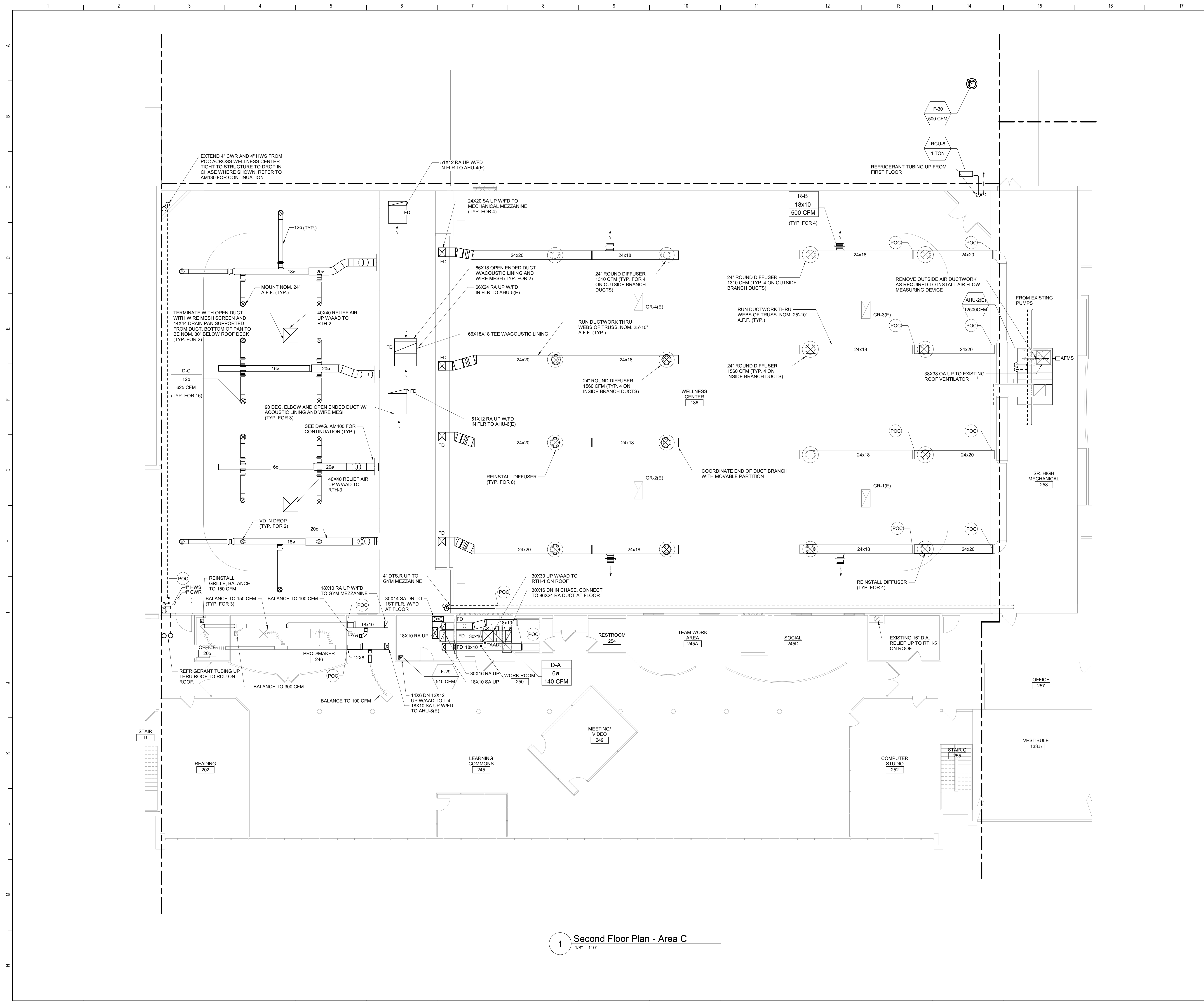


Waverly Central School District
Waverly, NY

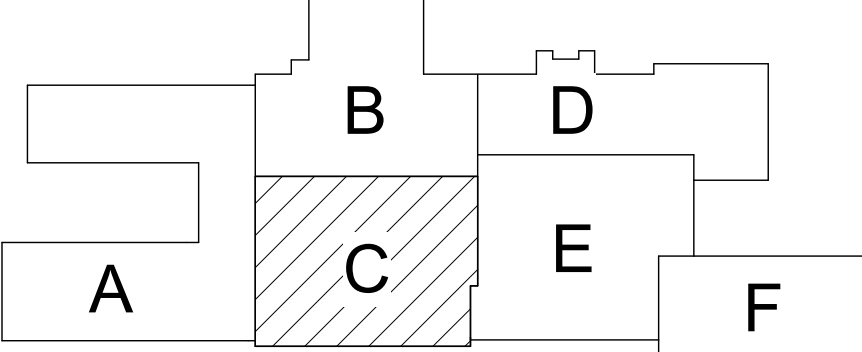
Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Plan - Area A

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AM136	



General Notes
A. REFER TO AM050 FOR GENERAL NOTES.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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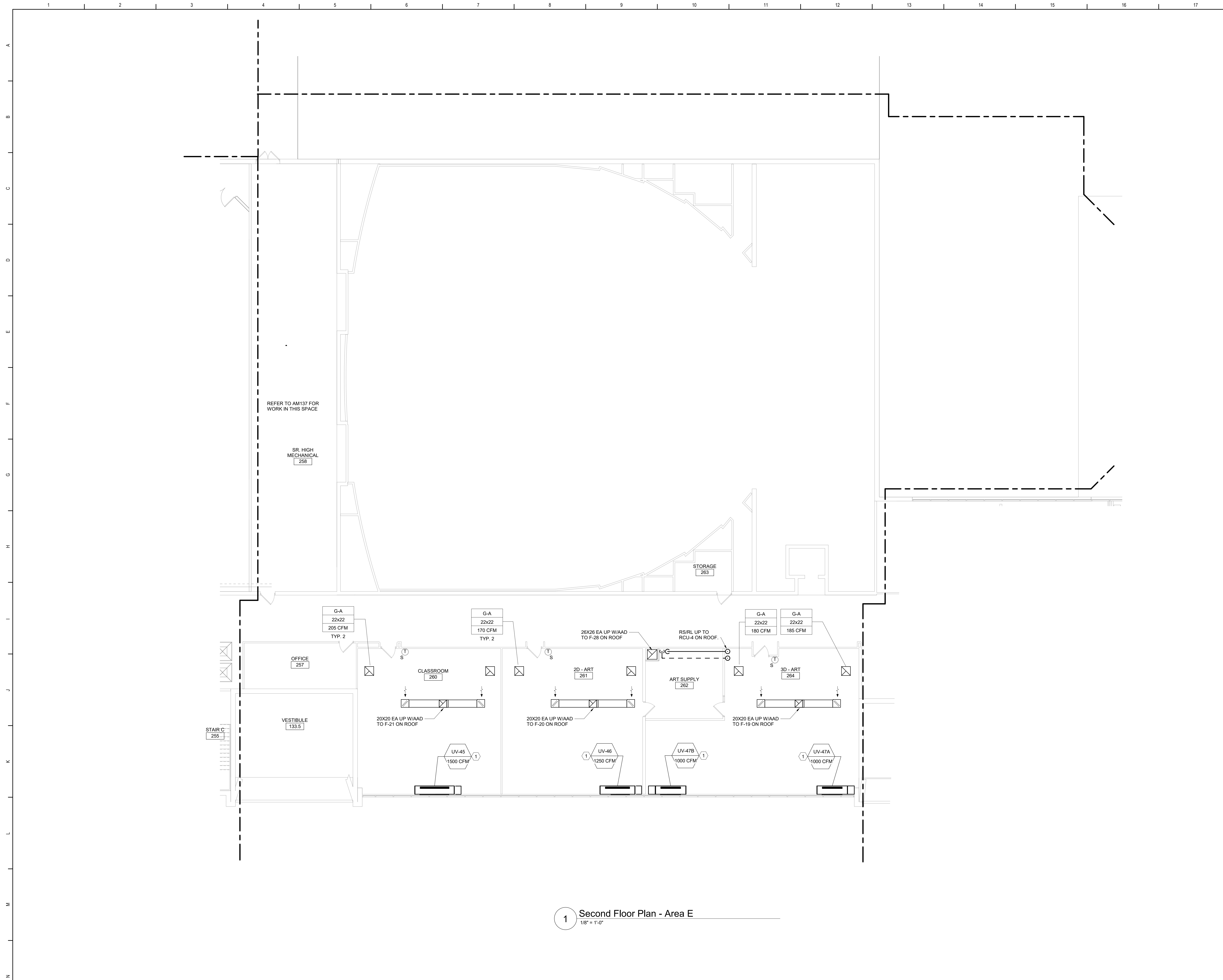


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Plan - Area C

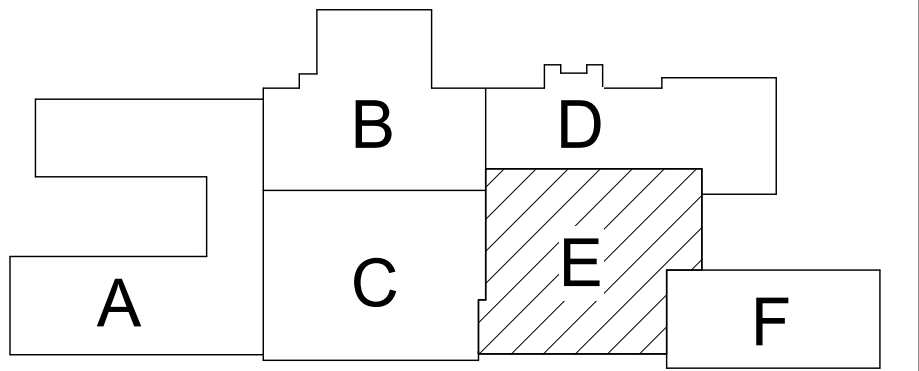
Drawn By: DPM/pgm Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003 **AM137**



1 Second Floor Plan - Area E
1/8" = 1'-0"

General Notes
A. REFER TO AM000 FOR GENERAL NOTES.
B. PERFORM UNIT VENTILATOR WORK SUCH THAT ACM FLOOR TILES BENEATH UV ARE NOT DISTURBED.

KEYED NOTES:
(1) PROVIDE CUSTOM DEPTH END PANEL EXTENSIONS AS REQUIRED TO INFILL THE SPACE BETWEEN THE CASEWORK TO REMAIN AND THE UV.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:



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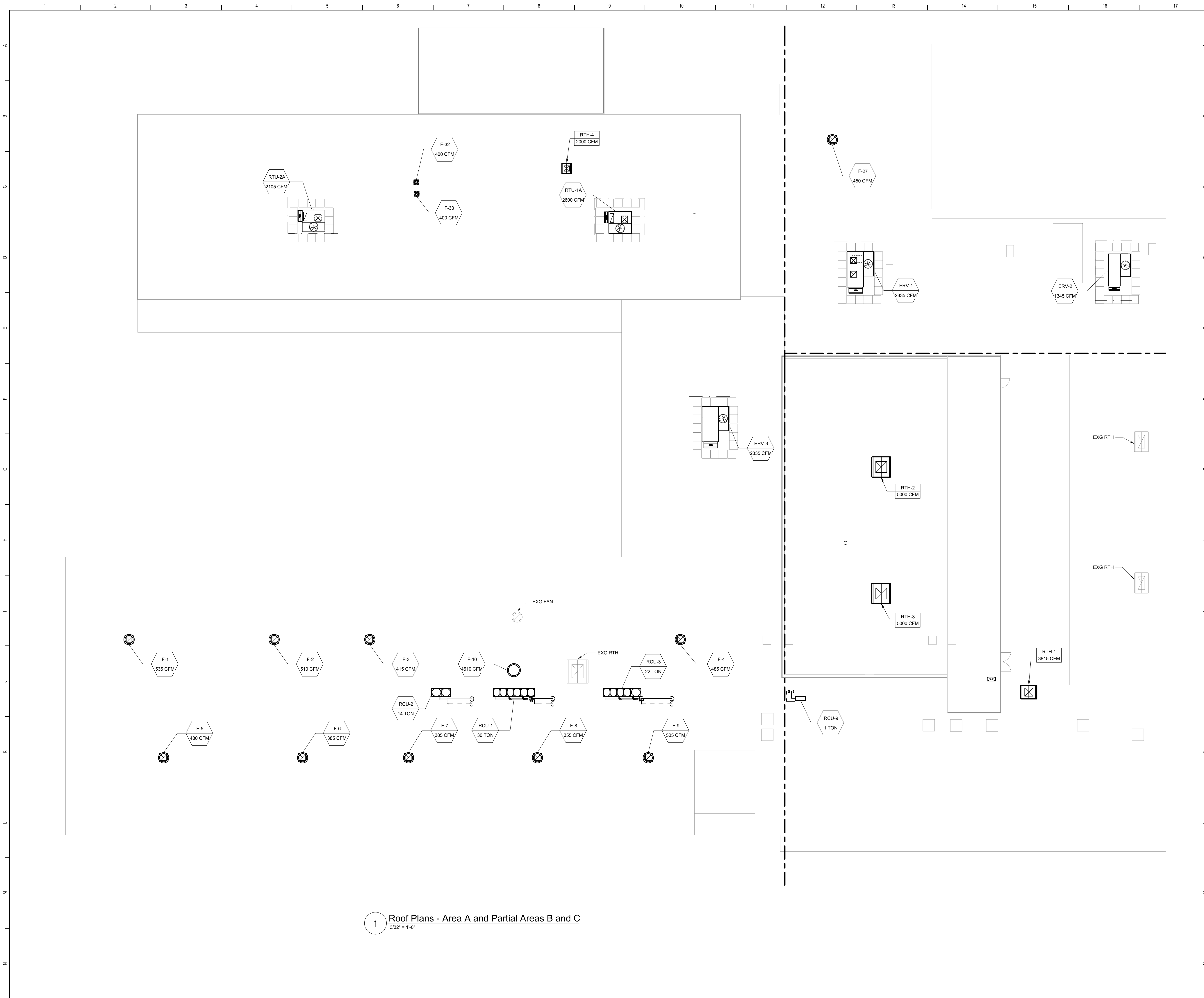


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Plan - Area E

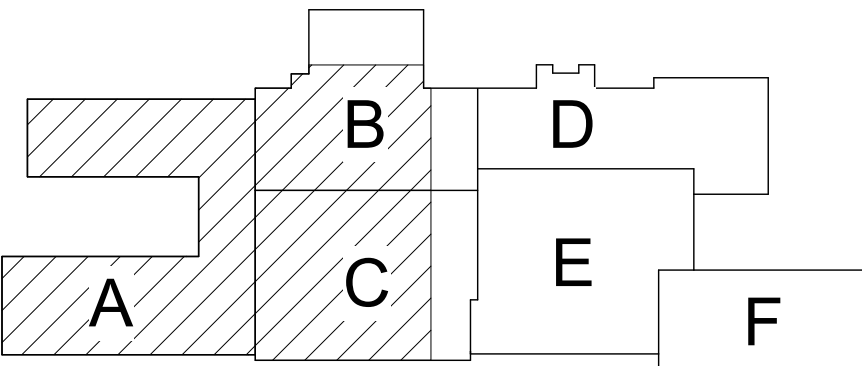
Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AM138	



1 Roof Plans - Area A and Partial Areas B and C
3/32" = 1'-0"

General Notes

A. REFER TO AM050 FOR GENERAL NOTES.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Roof Plans - Area A and Partial Areas
B and C

Drawn By:
DPM/pgm

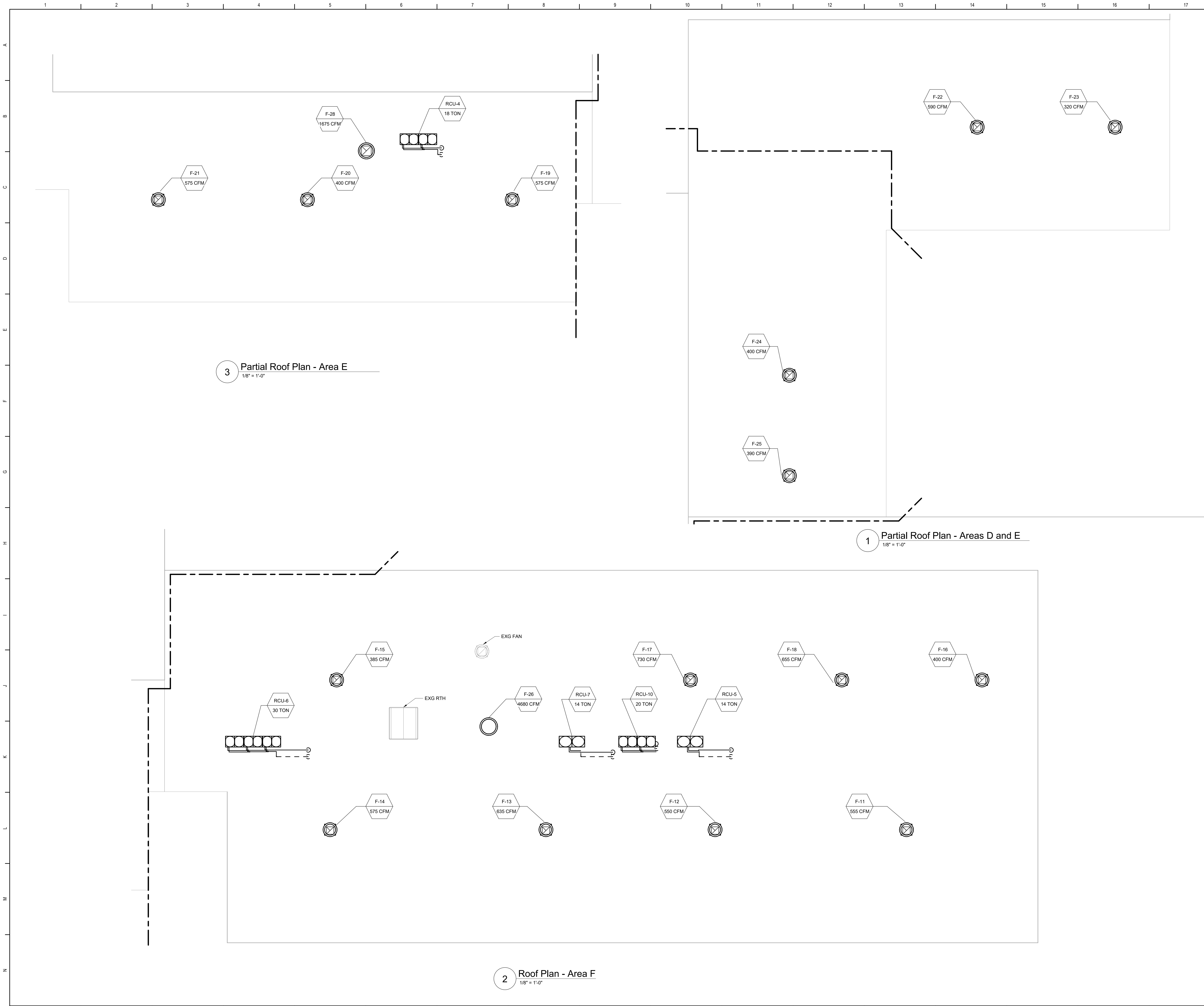
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05/19/2023

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Project No.:

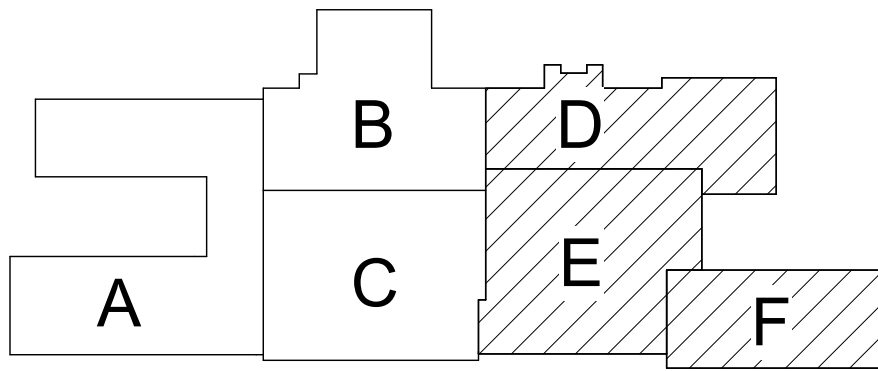
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AM139

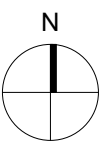


General Notes

A. REFER TO AM050 FOR GENERAL NOTES.



Key Plan
N.T.S.



SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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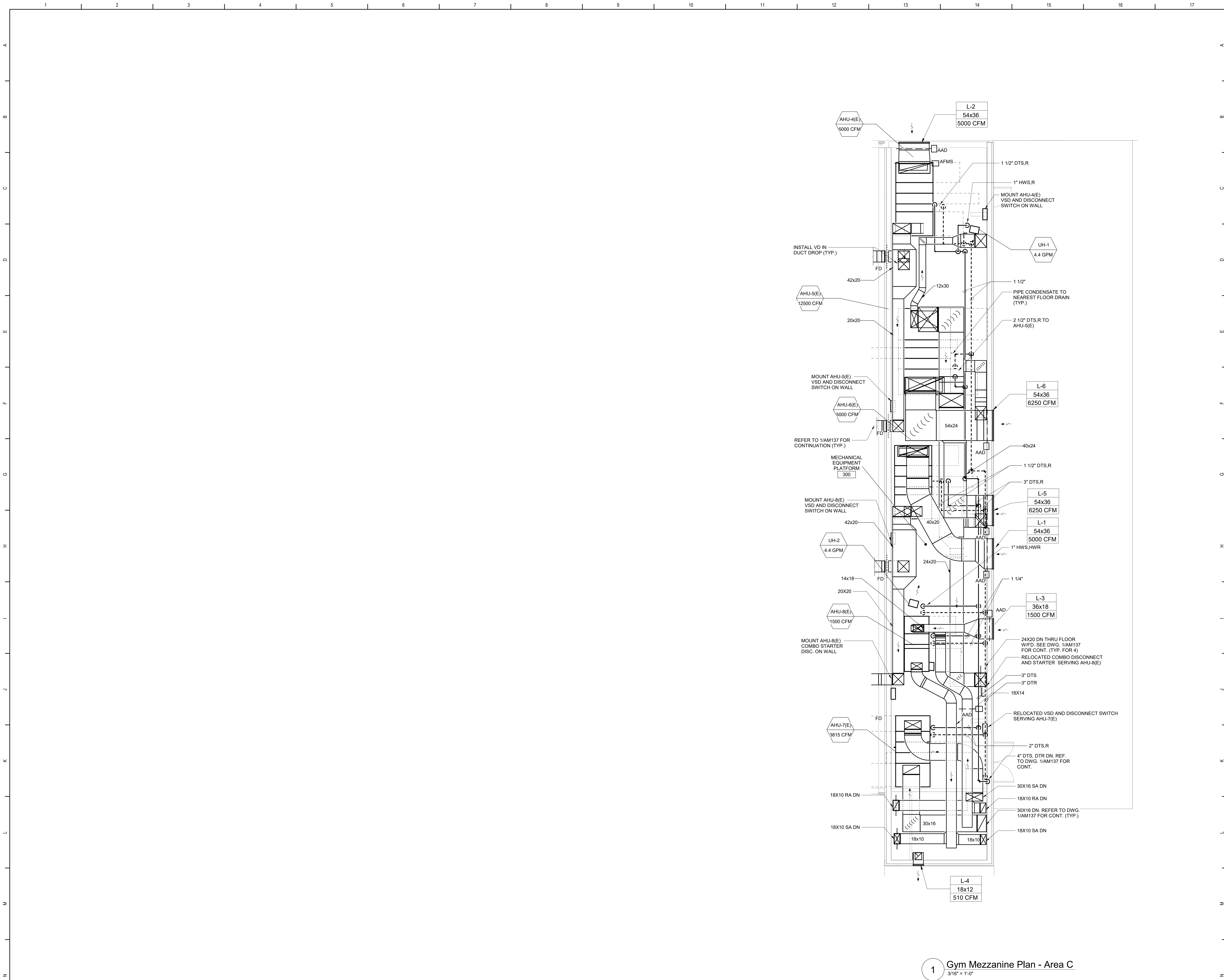


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

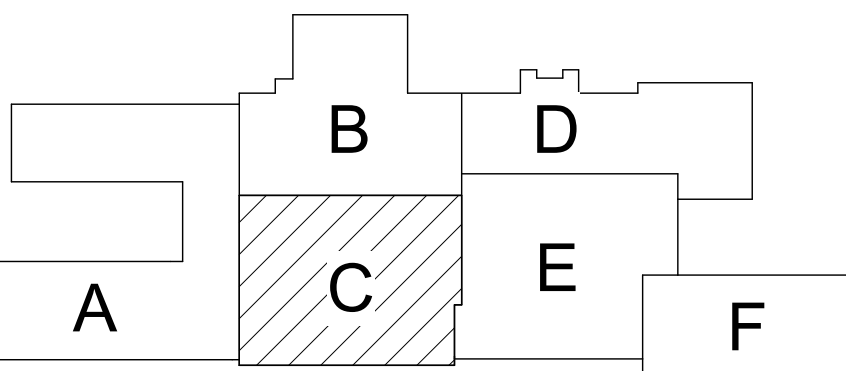
Roof Plans - Area F and Partial Areas
D and E

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AM140



General Notes

- A. REFER TO AM050 FOR GENERAL NOTES.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Mechanical Equipment Platform Plan
and Sections

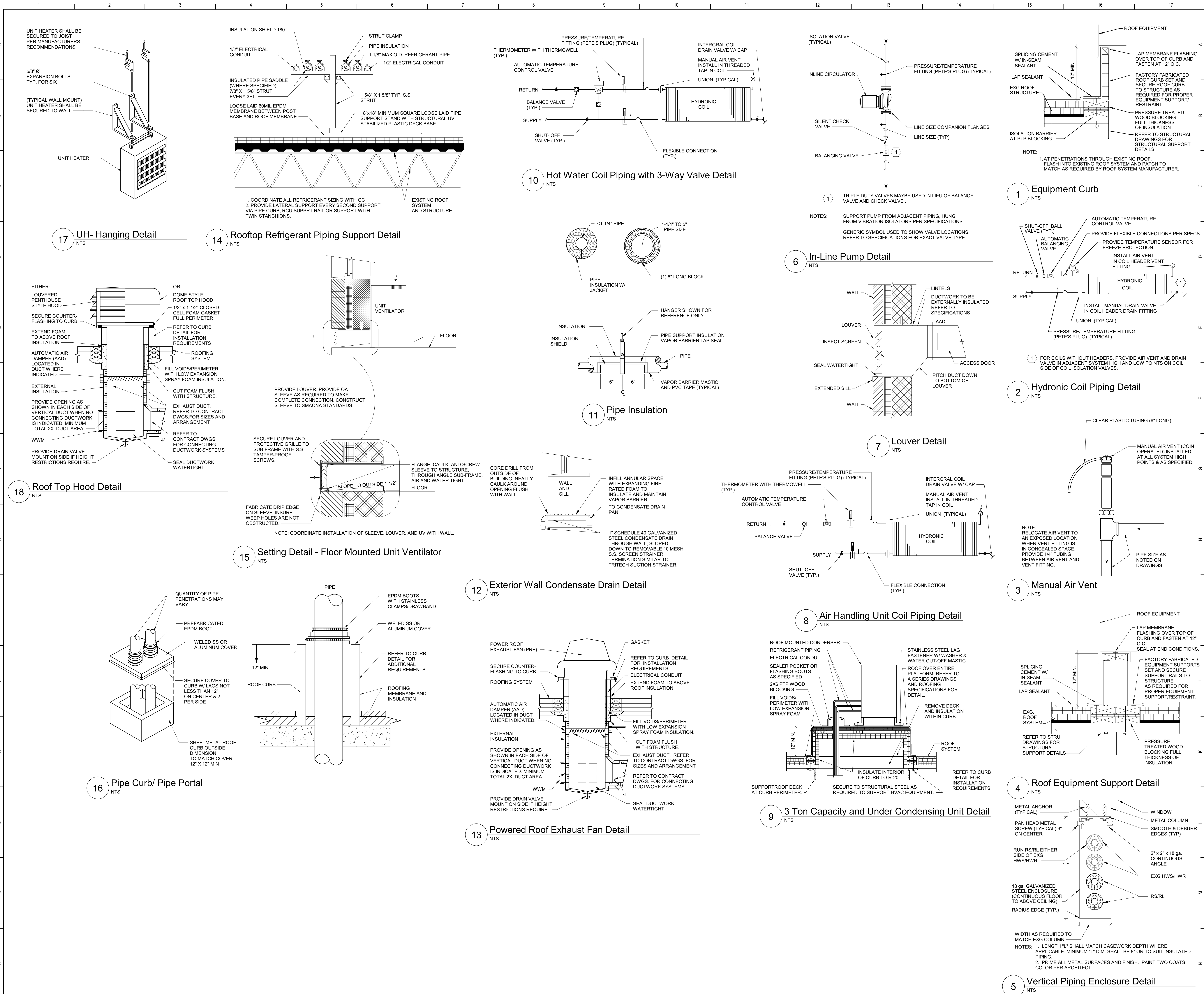
Drawn By:
DPM/pgm

Date:
05/19/2023

Project No.:
339070-22003

Drawing Number:

AM400



SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:

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Tetra Tech Engineers, Architects & Landscape Architects, P.C.

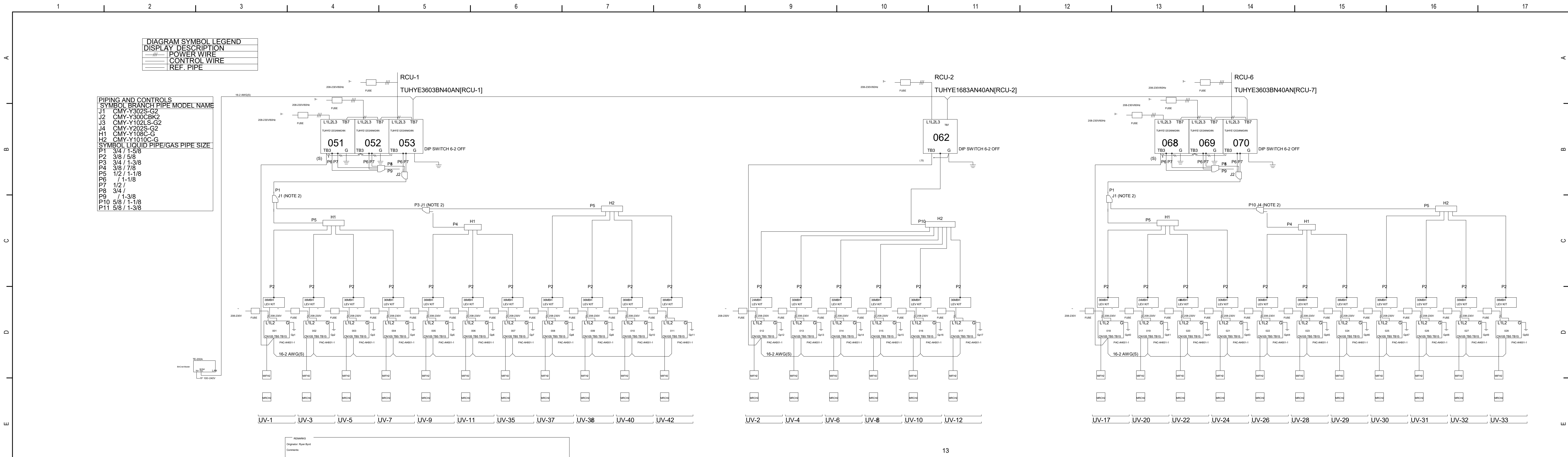


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

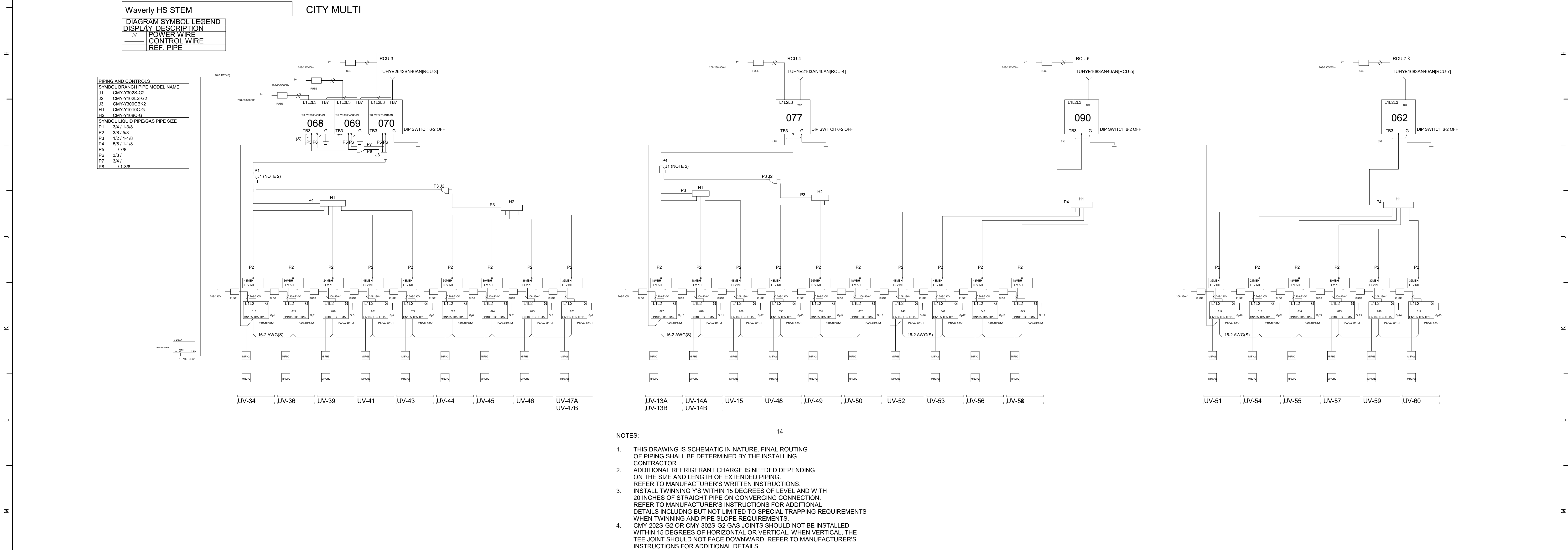
Details

Drawn By: DPM/pgm Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003
AM500



- NOTES:
- THIS DRAWING IS SCHEMATIC IN NATURE. FINAL ROUTING OF PIPING SHALL BE DETERMINED BY THE INSTALLING CONTRACTOR.
 - ADDITIONAL REFRIGERANT CHARGE IS NEEDED DEPENDING ON THE SIZE AND LENGTH OF EXTENDED PIPING. REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - INSTALL TWINNING Y'S WITHIN 15 DEGREES OF LEVEL AND WITH 20 INCHES OF STRAIGHT PIPE ON CONVERGING CONNECTION. REFER TO MANUFACTURER'S INSTRUCTIONS FOR ADDITIONAL DETAILS INCLUDING BUT NOT LIMITED TO SPECIAL TRAPPING REQUIREMENTS WHEN TWINNING AND PIPE SLOPE REQUIREMENTS.
 - CMY-202S-G2 OR CMY-302S-G2 GAS JOINTS SHOULD NOT BE INSTALLED WITHIN 15 DEGREES OF HORIZONTAL OR VERTICAL. WHEN VERTICAL, THE TEE JOINT SHOULD NOT FACE DOWNWARD. REFER TO MANUFACTURER'S INSTRUCTIONS FOR ADDITIONAL DETAILS.

1 VRF Schematic 1
NTS



- NOTES:
- THIS DRAWING IS SCHEMATIC IN NATURE. FINAL ROUTING OF PIPING SHALL BE DETERMINED BY THE INSTALLING CONTRACTOR.
 - ADDITIONAL REFRIGERANT CHARGE IS NEEDED DEPENDING ON THE SIZE AND LENGTH OF EXTENDED PIPING. REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
 - INSTALL TWINNING Y'S WITHIN 15 DEGREES OF LEVEL AND WITH 20 INCHES OF STRAIGHT PIPE ON CONVERGING CONNECTION. REFER TO MANUFACTURER'S INSTRUCTIONS FOR ADDITIONAL DETAILS INCLUDING BUT NOT LIMITED TO SPECIAL TRAPPING REQUIREMENTS WHEN TWINNING AND PIPE SLOPE REQUIREMENTS.
 - CMY-202S-G2 OR CMY-302S-G2 GAS JOINTS SHOULD NOT BE INSTALLED WITHIN 15 DEGREES OF HORIZONTAL OR VERTICAL. WHEN VERTICAL, THE TEE JOINT SHOULD NOT FACE DOWNWARD. REFER TO MANUFACTURER'S INSTRUCTIONS FOR ADDITIONAL DETAILS.

2 VRF Schematic 2
NTS

SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

VRF Schematic

Drawn By: DPM/pgm

Date: 05/19/2023

Drawing Number:

Project No.:

339070-22003

AM501

ROOFTOP UNIT (RTU) SCHEDULE

UNIT VENTILATOR (UV) SCHEDULE

EXISTING AIR HANDLING UNIT (AHU-XE) SCHEDULE

SPLIT SYSTEM AC UNIT (AC) SCHEDULE

REMOTE CONDENSING UNIT (RCU) SCHEDULE

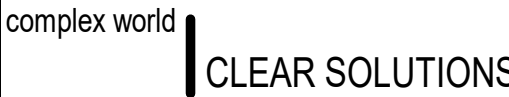
AIR HANDLING UNIT (AHU) SCHEDULE

DUST COLLECTOR (DC) SCHEDULE

VAV SCHEDULE

PUMP (P) SCHEDULE

Rev. No.:	Date:	Description:



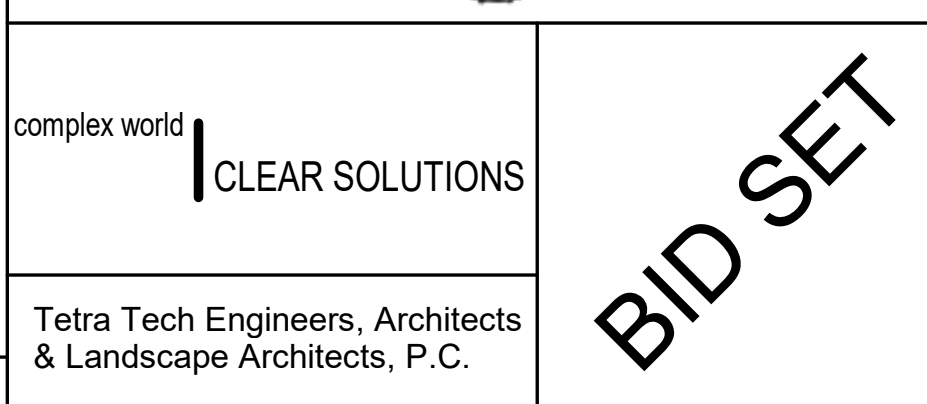
BID SET



Additions and Alterations to:
Waverly Jr. Sr. High School

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
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AM600

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TETRA TECH
ARCHITECTS & ENGINEERS

Waverly Central School District Waverly, NY
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Additions and Alterations to:
Waverly Jr. Sr. High School

Schedules

Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number: AM601
Project No.: 339070-22003		

BUILDING/EQUIPMENT VENTILATION CALCULATIONS

EQUIPMENT NUMBER	ZONE ID				MINIMUM VENTILATION RATES									DESIGN	
	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/ Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM)	Vpz (CFM)	Zp
FCU-1	136.2	PE OFFICE	Office space	220	5	1	5	6	0.06	13	19	0.8	25	200	0.13
	141	GREETER	Office space	80	5	1	5	5	0.06	5	10	0.8	10	100	0.10
	142	ATHLETIC DIR.	Office space	185	5	1	5	5	0.06	11	16	0.8	20	185	0.11
	143	ATH DIR ADMIN	Office space	112	5	1	5	3	0.06	7	10	0.8	10	115	0.09

NOTES:

Rp = PEOPLE OUTDOOR AIR RATE, Ra = AREA OUTDOOR AIR RATE, Vbz = BREATHING ZONE OUTDOOR AIRFLOW , Ez = AIR DISTRIBUTION CONFIGURATION, Voz = ZONE OUTDOOR AIRFLOW

Vpz = ZONE PRIMARY AIRFLOW, Zpz = PRIMARY OUTDOOR AIR FRACTION, Vps = SYSTEM PRIMARY AIRFLOW, Vot = OUTDOOR AIR INTAKE FLOW,

Vou = UNCORRECTED OUTDOOR AIR INTAKE, D = OCCUPANT DIVERSITY, Ev = SYSTEM VENTILATION EFFICIENCY

SYSTEM VALUES AHU-X

Vps	600	(UNCORRECTED OA) Vou	54
(CORRECTED OA) Vot	55	D	1.00
OA%	9	Ev	0.96
ADDITIONAL OA%	2		

BUILDING/EQUIPMENT VENTILATION CALCULATIONS

EQUIPMENT NUMBER	ZONE ID				MINIMUM VENTILATION RATES									
	ROOM NUMBER	ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/ Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	E2	Voz (CFM)	
ERV-1	136.3	OFFICE	OFFICE SPACES	108	5	1	5	3	0.06	6	9	0.8	15	
ERV-2	182	BOYS LOCKER ROOM	SPORTS LOCKER ROOMS	524	0	0	0	0	0.5	262	262	1	265	
ERV-2	183	TEAM ROOM	SPORTS LOCKER ROOMS	484	0	0	0	0	0.5	242	242	1	245	
ERV-2	183.1	TEAM ROOM	SPORTS LOCKER ROOMS	618	0	0	0	0	0.5	309	309	1	310	
ERV-2	184	TEAM ROOM	SPORTS LOCKER ROOMS	437	0	0	0	0	0.5	219	219	1	220	
ERV-2	184.1	TEAM ROOM	SPORTS LOCKER ROOMS	627	0	0	0	0	0.5	314	314	1	315	
ERV-1	185	GIRLS LOCKER ROOM	SPORTS LOCKER ROOMS	425	0	0	0	0	0.5	213	213	1	215	
ERV-1	195	WEIGHT ROOM	HEALTH CLUB/WEIGHT ROOM	3486	10	35	20	697	0.06	209	906	0.8	1135	
ERV-1	196	TRAINING	HEALTH CLUB/WEIGHT ROOM	282	10	3	20	56	0.06	17	73	0.8	95	

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BUILDING/EQUIPMENT VENTILATION CALCULATIONS

EQUIPMENT NUMBER	ROOM NUMBER	ZONE ID				MINIMUM VENTILATION RATES								
		ROOM NAME	OCCUPANCY CLASSIFICATION	Az - AREA (SF)	Pz - ZONE OCCU. #/1000 FT	ZONE OCCU.	Rp (CFM/Person)	RpP	Ra (CFM/SF)	RaA	Vbz (CFM)	EZ	Voz (CFM)	
UV-1	104	Spanish	Classrooms (age 9 plus)	778	35	27	10	272	0.12	93	366	0.9	405	
UV-2	105	Teachers Lounge	Classrooms (age 9 plus)	394	35	14	10	138	0.12	47	185	0.9	205	
UV-3	106	Spanish	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	
UV-4	107	Test Center	Classrooms (age 9 plus)	641	35	22	10	224	0.12	77	301	0.9	335	
UV-5	108	Special Education	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	
UV-6	109	Spanish	Classrooms (age 9 plus)	641	35	22	10	224	0.12	77	301	0.9	335	
UV-7	110	Spanish	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	
UV-8	111	Special Education	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	
UV-9	112	English	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	
UV-10	113	Study Hall	Classrooms (age 9 plus)	771	35	27	10	270	0.12	93	362	0.9	405	
UV-11	114	Math	Classrooms (age 9 plus)	767	35	27	10	268	0.12	92	360	0.9	400	
UV-12	115	Social Studies	Classrooms (age 9 plus)	767	35	27	10	268	0.12	92	360	0.9	400	
AHU-4E, 6E	136	Wellness Center	Gym, sports arena (play area)	3994	7	28	20	559	0.18	719	1278	0.8	1600	
AHU-2E, 5E	136	Wellness Center	Spectator areas	1388	150	208	7.5	1562	0.06	83	1645	0.8	2055	
		Wellness Center	Gym, sports arena (play area)	7496	7	52	20	1049	0.18	1349	2399	0.8	3000	
UV-13	150	H.S. Science	Science Laboratories	2185	150	411	7.5	3079	0.06	164	3243	0.8	4055	
UV-14	161	Harris and Capers	Classrooms (age 9 plus)	1769	35	44	10	269	0.12	147	340	0.9	310	
UV-15	152	H.S. Social Studies	Classrooms (age 9 plus)	967	35	34	10	338	0.12	116	454	0.9	505	
UV-17	155	AV and Stor.	Classrooms (age 9 plus)	753	35	26	10	264	0.12	90	354	0.9	385	
UV-20	159	Teachers Room	Classrooms (age 9 plus)	400	35	14	10	140	0.12	48	188	0.9	210	
UV-22	161	English	Classrooms (age 9 plus)	1015	35	36	10	355	0.12	122	477	0.9	530	
UV-24	163	Social Studies	Classrooms (age 9 plus)	647	35	23	10	226	0.12	78	304	0.9	340	
UV-26	165	English	Classrooms (age 9 plus)	766	35	27	10	268	0.12	92	360	0.9	400	
UV-28	167	English	Classrooms (age 9 plus)	764	35	27	10	267	0.12	92	359	0.9	400	
UV-29	169	Social Studies	Classrooms (age 9 plus)	760	35	27	10	266	0.12	91	357	0.9	395	
UV-30	170	Social Studies	Classrooms (age 9 plus)	764	35	27	10	267	0.12	92	359	0.9	400	
UV-31	174	Classroom	Classrooms (age 9 plus)	557	35	19	10	195	0.12	67	262	0.9	290	
UV-32	175A	Music Storage	Classrooms (age 9 plus)	572	35	20	10	200	0.12	69	269	0.9	300	
UV-33	175B	General Music	Music/theater/dance	700	35	25	10	245	0.06	42	287	0.9	320	
UV-34	209	English	Classrooms (age 9 plus)	768	35	27	10	269	0.12	92	361	0.9	400	
UV-35	208	Study	Classrooms (age 9 plus)	966	35	34	10	338	0.12	116	454	0.9	505	
UV-36	210	Science	Science Laboratories	741	25	19	10	185	0.18	133	319	0.9	355	
UV-37	212	Science	Science Laboratories	806	25	20	10	202	0.18	145	347	0.9	385	
UV-38	213	Teachers Lounge	Classrooms (age 9 plus)	394	35	14	10	138	0.12	47	185	0.9	205	
UV-39	214	Science	Science Laboratories	806	25	20	10	202	0.18	145	347	0.9	385	
UV-40	215	Art	Art classroom	978	20	20	10	196	0.18	176	372	0.9	415	
UV-41	216	Math	Classrooms (age 9 plus)	922	35	32	10	323	0.12	111	433	0.9	480	
UV-42	217	English	Classrooms (age 9 plus)	978	35	34	10	342	0.12	117	460	0.9	510	
UV-43	218	Social Studies	Classrooms (age 9 plus)	608	35	21	10	213	0.12	73	286	0.9	320	
UV-44	219	Math Lab	Classrooms (age 9 plus)	605	35	21	10	212	0.12	73	284	0.9	315	
UV-45	260	Classroom	Classrooms (age 9 plus)	976	35	34	10	342	0.12	117	459	0.9	510	
UV-46	261	2D - Art	Art classroom	807	20	16	10	161	0.18	145	307	0.9	340	
UV-47	264	3D - Art	Art classroom	866	20	17	10	173	0.18	156	329	0.9	365	
UV-48	267	Reading Lab	Classrooms (age 9 plus)	740	35	26	10	259	0.12	89	348	0.9	385	
UV-49	268	Science	Science Laboratories	1207	25	30	10	302	0.18	217	519	0.9	575	
UV-50	270	Science	Science Laboratories	1332	25	33	10	333	0.18	240	573	0.9	635	
UV-51	271	Teachers Lounge	Classrooms (age 9 plus)	400	35	14	10	140	0.12	48	188	0.9	210	
UV-52	272	Science	Science Laboratories	1086	25	27	10	272	0.18	195	467	0.9	520	
UV-53	273	Science	Science Laboratories	1151	25	29	10	288	0.18	207	495	0.9	550	
UV-54	274	Math	Classrooms (age 9 plus)	615	35	22	10	215	0.12	74	289	0.9	320	
UV-55	275	Science	Science Laboratories	1166	25	29	10	292	0.18	210	501	0.9	555	
UV-56	276	Math	Classrooms (age 9 plus)	637	35	22	10	223	0.12	76	299	0.9	335	
UV-57	277	Math	Classrooms (age 9 plus)	764	35	27	10	267	0.12	92	359	0.9	400	
UV-58	120	Health	Classrooms (age 9 plus)	866	35	30	10	303	0.12	104	407	0.9	450	
UV-59	207	Math	Classrooms (age 9 plus)	867	35	30	10	303	0.12	104	407	0.9	455	
ERV-3	118	Aux Gym	Gym, stadium, arena (play area)	2390	7	17	20	335	0.18	430	765	0.8	955	

NOTES:

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SED Control No. 60-01-01-06-0-018-023

1	10/13/23	SED Addendum #2
Rev. No.:	Date:	Description:



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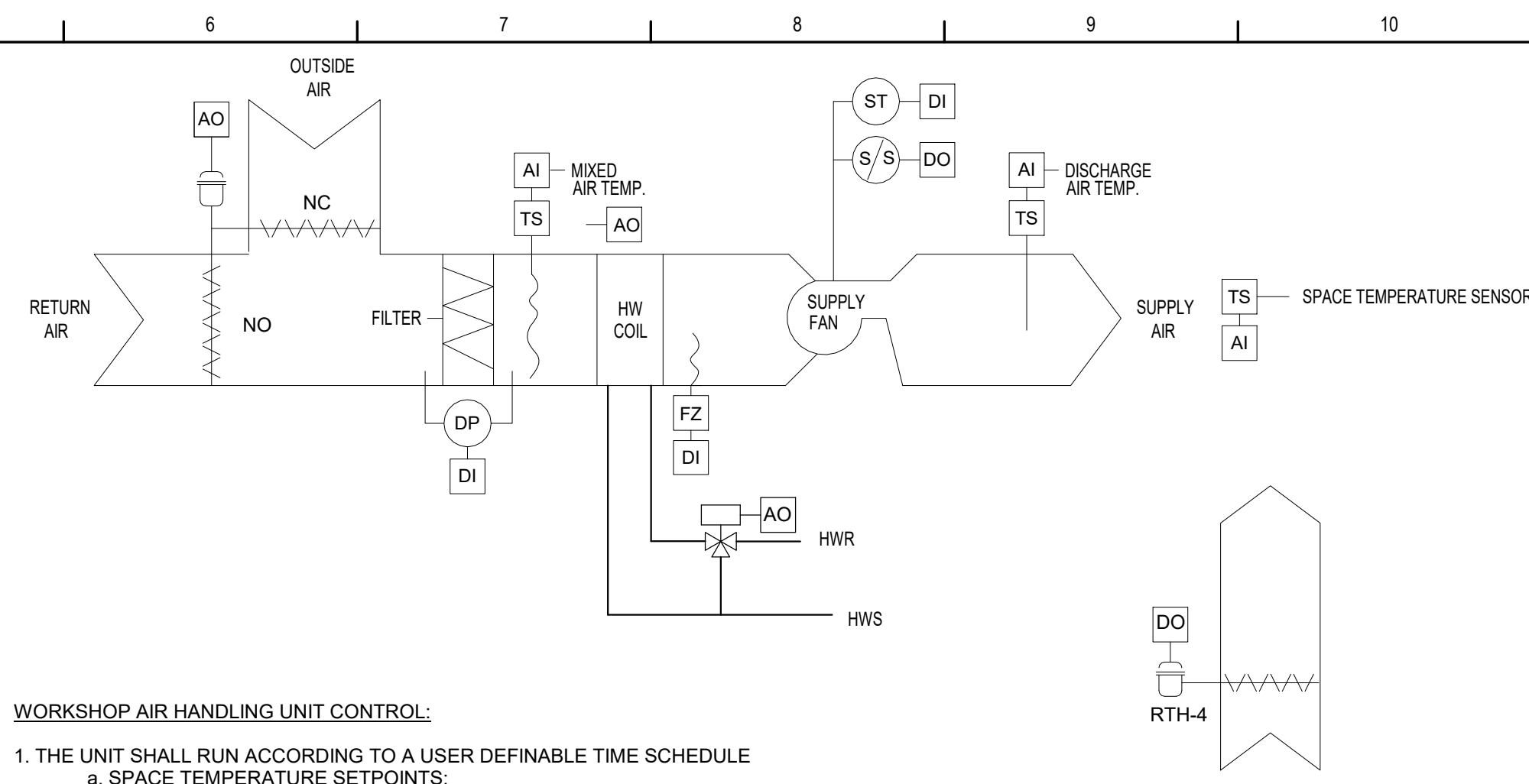
Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Schedules

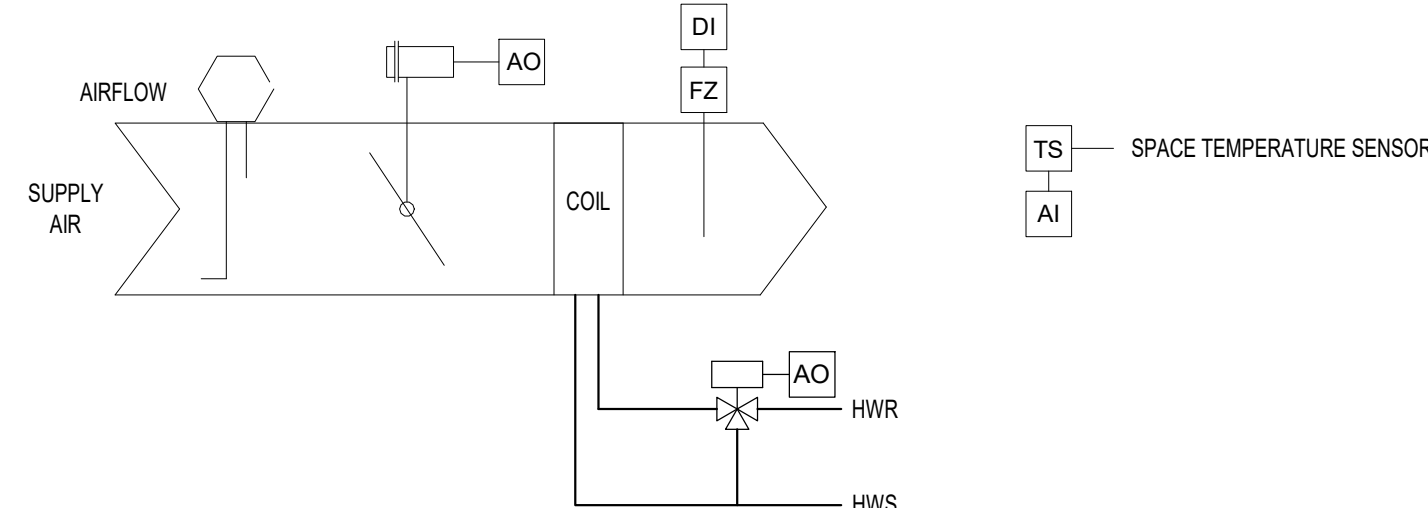
Drawn By: DPM/pgm	Date: 05/19/2023	Drawing Number:
Project No.:		AM602
339070-22003		

Project No.:
339070-22003



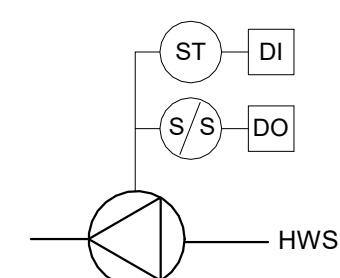
5 Heating Only Fan Coil Unit (FCU-1)
NTS

3 Workshop Air Handling Unit Control (AHU-1)



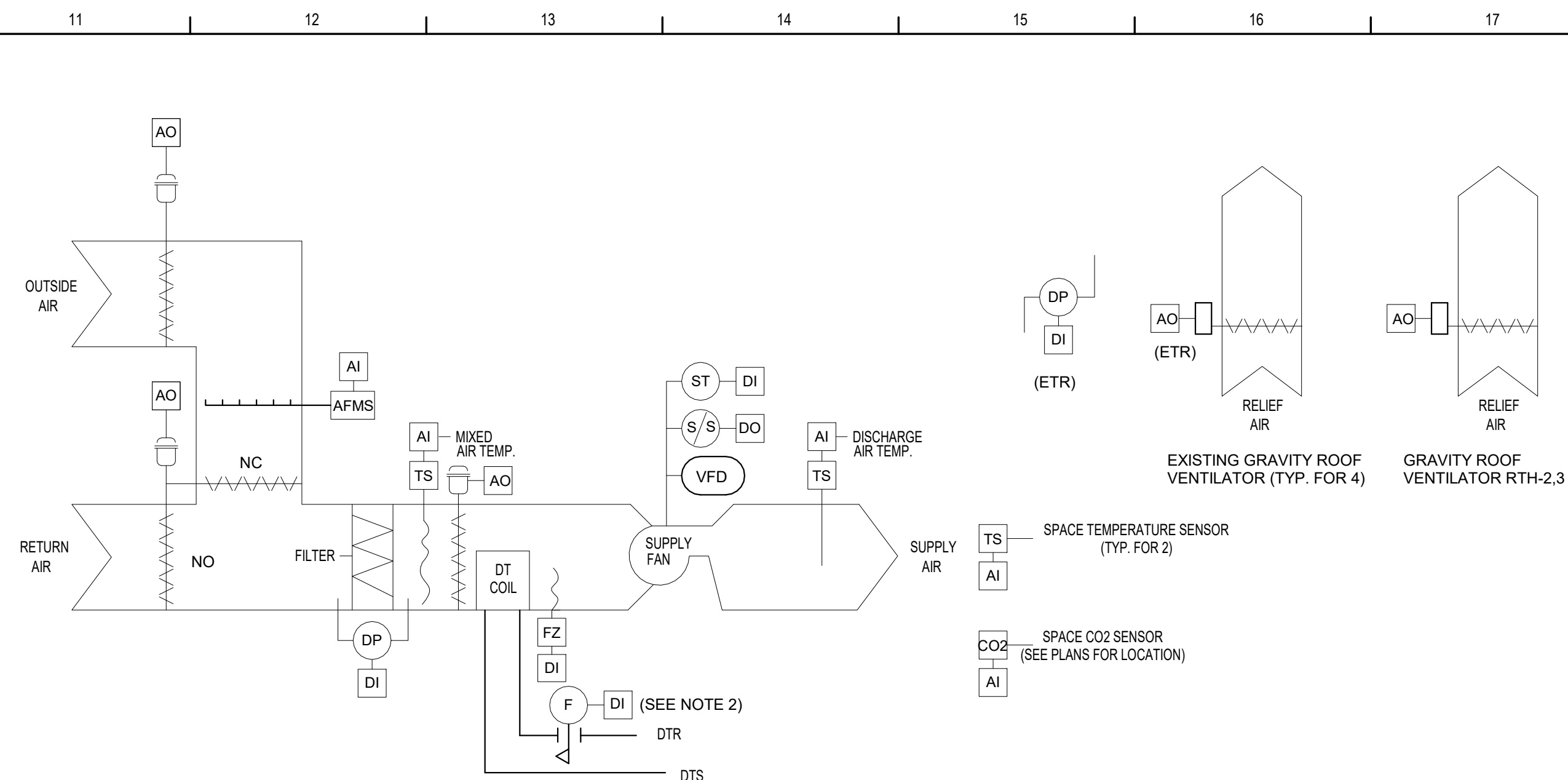
5. SAFETIES

4 VAV Box with Hot Water Reheat Coil
NTS



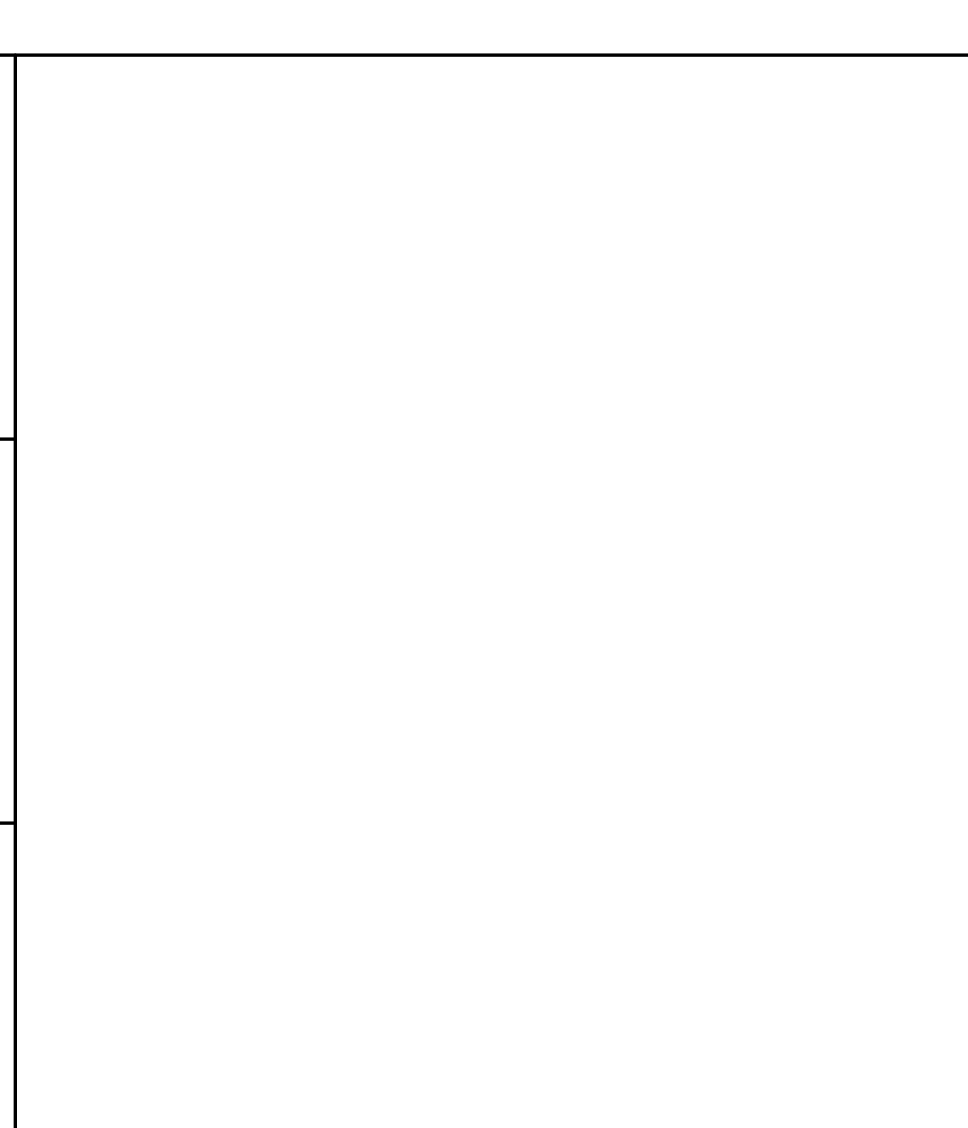
1. WHEN THE BMS SENSES HOT WATER SUPPLY TEMPERATURE FROM THE BOILER ROOM IS 140 DEG. F. (ADJ.) OR HIGHER, START PUMP
2. UPON A FAILURE OF THE PUMP, AS SENSED BY A CURRENT SENSING STATUS SWITCH, AND ALARM SHALL BE ACTIVATED.

2 Zone Pump P-1A Control



- a. FAN FAILURE: COMMANDED ON BUT STATUS IS OFF.
- b. RUN TIME EXCEEDED.
- c. MANUAL RESET FREEZESTAT.
- d. FIRE ALARM SHUTDOWN: DISABLE SUPPLY FAN, CLOSE OUTSIDE AIR DAMPERS AND DISABLE EXHAUST FAN.

1 Wellness Center Air Handling Unit Control AHU-2,4,5,6(E)
NTS



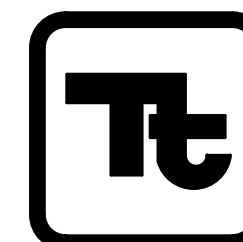
SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:
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ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Controls

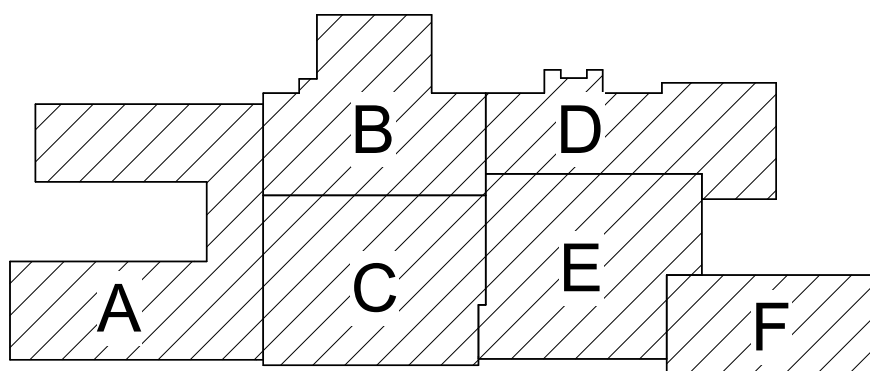
Drawn By: DPM/PGM	Date: 05/19/2023	Drawing Number: AM701
Project No.: 339070-22003		

Asbestos Awareness - CMU Wall Paint

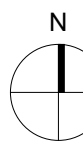
1. CMU WALL PAINT IS ASBESTOS CONTAINING AND IS PRESENT IN AREAS OF SCHEDULED WORK. ASBESTOS PAINT IS LIMITED TO CMU WALLS.
2. PERFORM WORK SUCH THAT NO PAINTED CMU WALL SURFACES ARE DISTURBED. DISTURBANCE INCLUDES, BUT IS NOT LIMITED TO DETACHMENT OF EXISTING ITEMS FROM THE WALL. ATTACHMENT OF NEW ITEMS TO THE WALL.
3. ADDITIONAL ASBESTOS CONTAINING ITEMS ARE PRESENT AND INDICATED ELSEWHERE WITHIN THE FACILITIES. REFER TO ON-SITE ASBESTOS DOCUMENTATION FOR FURTHER INFORMATION. SHOULD ANY PAINTED CMU WALL SURFACE BE REQUIRE TO BE IMPACTED OR DISTURBED, CONSULT THE OWNER'S ENVIRONMENTAL CONSULTANT.
5. THESE NOTES ARE TYPICAL FOR ALL SHEETS.

General Notes

- A. COORDINATE ALL ELECTRICAL WORK AND POWER OUTAGES WITH OWNER AND OTHER TRADES PRIOR TO THE START OF CONSTRUCTION. NO POWER OUTAGES SHALL OCCUR WITHOUT OWNER'S PRIOR KNOWLEDGE AND CONSENT.
- B. REFER TO DRAWING G100 FOR STANDARD SYMBOLS AND ABBREVIATIONS.
- C. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACK BOXES IF IN GOOD CONDITION. WIRING REUSED WHERE SPECIFIED. EXTENDING/INSTALL NEW CONDUIT/RACEWAY AS REQUIRED FOR PROPER MOUNTING OF DEVICE. CONCEAL ABOVE CEILINGS OR WITHIN WALLS WHERE POSSIBLE. REFER TO SPECIFICATION SECTION 26 05 33.
- D. CIRCUIT WIRING FOR ALL LIGHTING CIRCUITS SHALL BE IN 1/2" EMT CONDUIT (MIN) OR TYPE MC CABLE CONCEALED ABOVE CEILINGS AND IN WALLS (REFER TO SPECIFICATION SECTION 26 05 33 FOR LOCATIONS WHERE MC CABLE IS ACCEPTABLE). ALL CIRCUIT CONDUCTORS SHALL BE #12AWG COPPER (MIN) 90°C THHN THERMOPLASTIC INSULATION.
- E. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS AND J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
- F. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
- G. UNLESS NOTED ELSEWHERE ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:
 - a. SWITCHES AND PANIC STATIONS.....48" (TO TOP)
 - b. RECEPTACLES.....16"
 - c. COMPUTER RECEPTACLES.....16"
 - d. FIRE ALARM PULL STATIONS.....48" (TO TOP)
 - e. FIRE ALARM AUDIO VISUAL UNITS.....88" (OR 6" BELOW CEILING, WHICHEVER IS LOWER)
 - f. POWER PANELS.....72" (TO TOP)
 - g. DISCONNECT SWITCHES.....60" (TO TOP)THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE.
- H. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.
- I. WIRE EMERGENCY BATTERY PACKS, EXITS AND NIGHT LIGHTS TO UNSWITCHED LIGHTING CIRCUIT SUPPLYING SPACE SERVED BY EMERGENCY BATTERY PACK.
- J. LIFE SAFETY CIRCUITS TO BE ROUTED SEPARATELY FROM NORMAL POWER.
- K. CIRCUIT BREAKER(S) ADDED TO EXISTING PANELBOARD(S) SHALL BE LISTED/LABELED FOR USE WITH THE EXISTING PANELBOARD(S) AND SHALL MATCH THE PANELBOARD'S AIC RATINGS.
- L. ALL WIRING TO EQUIPMENT IS TO THE MEANS OF DISCONNECT. CONTROLLERS AND DISCONNECTS PROVIDED BY EQUIPMENT MANUFACTURER OR FURNISHED BY CONTRACTOR. COORDINATE WITH OTHER TRADES FOR LOCATION PRIOR TO ROUGH-IN.
- M. ALL CIRCUITS REQUIRE (2#12, 1#12 G IN 1/2" C AND 20A-1P CIRCUIT BREAKER, UNLESS OTHERWISE NOTED.
- N. CONNECT LUMINAIRES TO EXISTING LIGHTING CIRCUITS IN AREA, UNLESS NOTED OTHERWISE.
- P. FOR EXISTING TO REMAIN DEVICES, PRESERVE WIRING AND DEVICE OR DISCONNECT AS NECESSARY. EXTEND WIRING AND CONDUIT IF NEEDED TO ACCOMMODATE ADJACENT DEMOLITION.
- Q. FOR RELOCATED DEVICES, EXTEND WIRING AND CONDUIT TO LOCATION INDICATED.
- R. GFCI RECEPTACLES CANNOT BE WIRED AS "FEED THROUGH". SUPPLY INDIVIDUAL GFCI RECEPTACLES WIRED IN SERIES OR PROVIDE GFCI PROTECTION WITH A GFCI BREAKER. FOR RECEPTACLES SUPPLIED BY A GFCI PROTECTED BRANCH CIRCUIT, PROVIDE "GFCI PROTECTED" LABELING AT EACH RECEPTACLE. LABELING SHALL MEET REQUIREMENTS OF SPECIFICATION 26 05 33.



Key Plan
N.T.S.



SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First and Second Floor Key Plans

Drawn By:
AEL/CR/sas
Project No.:
339070-22003

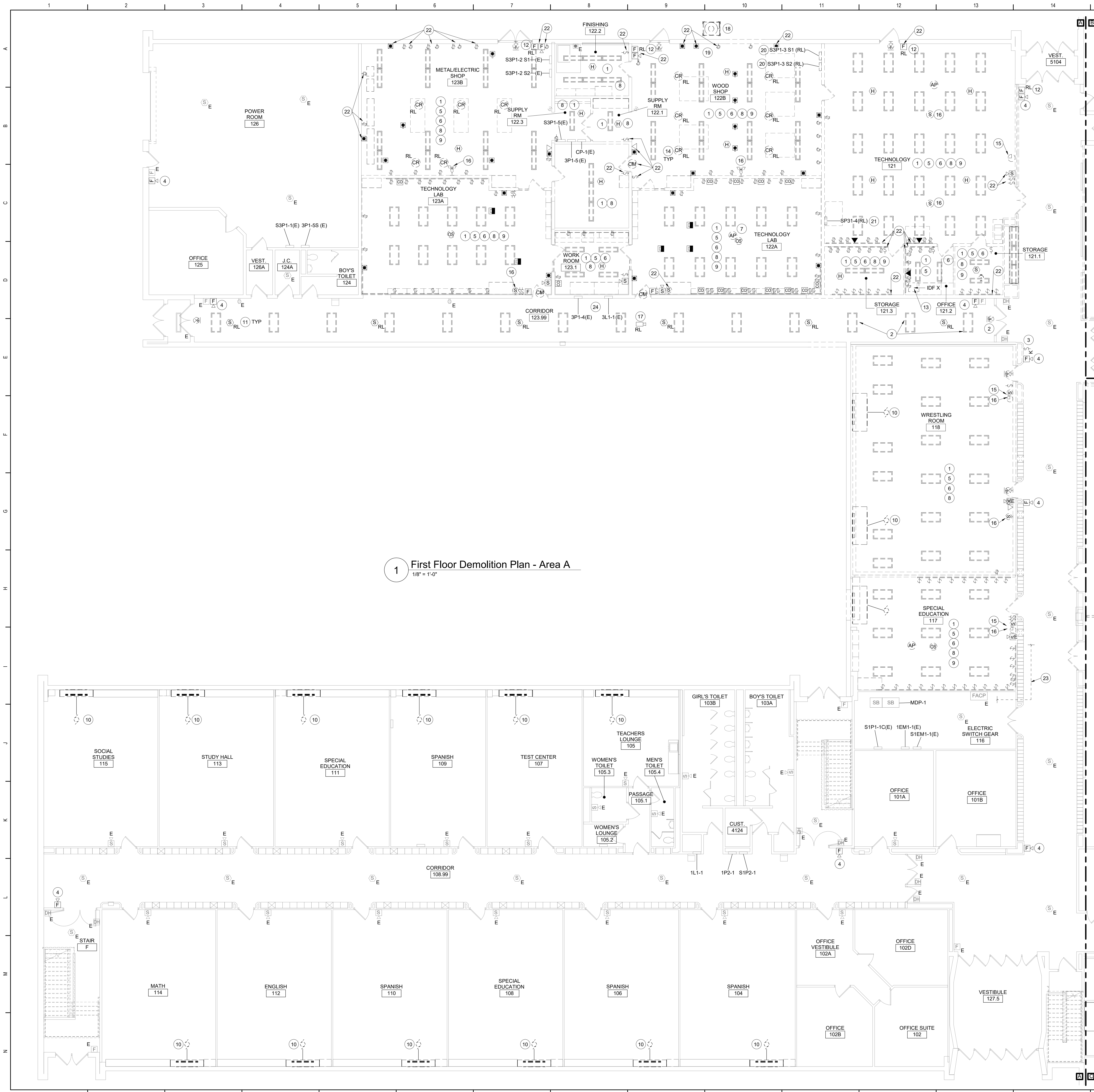
Date:
05/19/2023

Drawing Number:

AE050

1 First Floor - Key Plan
1" = 30'-0"

2 Second Floor - Key Plan
1" = 30'-0"



1 First Floor Demolition Plan - Area A
1/8" = 1'-0"

Keyed Notes (continued)

- 13 DISCONNECT OPTICAL FIBER FEEDING IDF X FROM MDF. COIL AND PRESERVE FOR EXTENSION AND RECONNECTION TO NEW IDF LOCATION. DISCONNECT CABLING FOR EXISTING-TO-REMAIN POINTS. COORDINATE STORAGE OF IDF RACK AND ASSOCIATED SWITCHES WITH OWNER.
- 14 UNPLUG AND STORE CORD REELS FOR REINSTALLATION AFTER RENOVATION.
- 15 REMOVE, CLEAN, AND STORE WIRELESS CLOCKS FOR REINSTALLATION AFTER RENOVATION.
- 16 COORDINATE DISCONNECTION AND REMOVAL OF PA SPEAKERS WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT. REMOVE ASSOCIATED WIRING FROM PA SYSTEM.
- 17 REMOVE, CLEAN, AND STORE CAMERA. PROTECT CABLING FOR RECONNECTION TO REINSTALLED CAMERA.
- 18 DISCONNECT POWER TO DUST COLLECTOR. REMOVE WIRING BACK TO SOURCE.
- 19 DISCONNECT AND REMOVE POWER AND FIRE ALARM CONNECTIONS TO FIRE SUPPRESSION SYSTEM. REMOVE ALL ASSOCIATED WIRING BACK TO SOURCE.
- 20 COORDINATE DISCONNECTION, REMOVAL, CLEANING, AND STORAGE OF ELECTRICAL PANEL BACKBOX, BUSBAR, AND COVER AND ASSOCIATED CONTRACTOR WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT. STORE BREAKERS FOR REUSE. PULL FEEDERS BACK TO JUNCTION POINT FOR EXTENSION TO NEW PANEL LOCATIONS. REFER TO SHEET AE160 FOR NEW LOCATIONS.
- 21 COORDINATE DISCONNECTION, REMOVAL, CLEANING, AND STORAGE OF ELECTRICAL PANEL BACKBOX, BUSBAR, AND COVER WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT. STORE BREAKERS FOR REUSE. PULL FEEDERS BACK TO JUNCTION POINT FOR EXTENSION TO NEW PANEL LOCATIONS. REFER TO SHEET AE160 FOR NEW LOCATIONS.
- 22 COORDINATE REMOVAL OF INDICATED ITEMS WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT.
- 23 COORDINATE DISCONNECTION AND RELOCATION OF SERVICE CONDUCTORS, FEEDERS, AND/OR BRANCH CIRCUITS WHICH INTERFERE WITH PLACEMENT OF SECONDARY STORM PIPING. COORDINATE ALL WORK WITH PLUMBING CONTRACTOR.
- 24 COORDINATE ALL WORK IN PANELS 3P1-4 AND 3L1-1 WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT.

Demolition Work General Notes

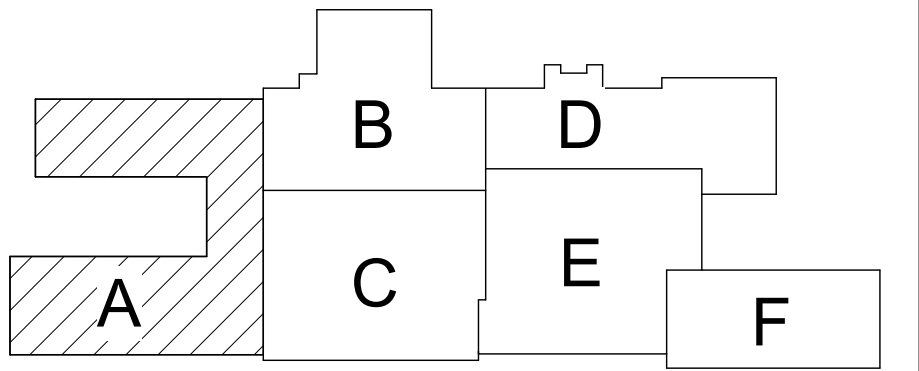
- A. ALL ELECTRICAL DEVICES INTERFERING WITH DEMOLITION WORK SHALL BE DISCONNECTED AND REMOVED, UNLESS OTHERWISE NOTED. EXISTING CIRCUIT WIRING SHALL BE REMOVED BACK TO SOURCE AND PANEL DIRECTORIES MODIFIED ACCORDINGLY.
- B. ANY DEVICE INTERFERING WITH DEMOLITION WORK NOT SHOWN ON THESE DRAWINGS SHALL NOT BE REMOVED WITHOUT COORDINATION WITH THE OWNER'S REPRESENTATIVE OR THE ENGINEER.
- C. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.
- D. DISCONNECT AND REMOVE POWER AND LIGHTING BRANCH CIRCUITS BACK TO SOURCE FOR AREA DEMOLITIONED EQUIPMENT AND HVAC REMOVED EQUIPMENT.
- E. REFER TO SPECIFICATIONS SECTION 26 05 00 FOR DEMOLITION REQUIREMENTS.
- F. PROVIDE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED LIGHT FIXTURES AND BALLASTS THAT MAY CONTAIN PCBs (POLYCHLORINATED BIPHENYLS), IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS. REFER TO SPECIFICATIONS SECTION 26 05 01.
- G. PROVIDE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED FLUORESCENT LIGHT TUBES THAT MAY CONTAIN MERCURY, IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS. REFER TO SPECIFICATIONS SECTION 26 05 01.

Keyed Notes

- 1 REMOVE ALL LUMINAIRES AND CONTROLS. REMOVE CIRCUITING BACK TO SOURCE.
- 2 REMOVE LUMINAIRES. PRESERVE CIRCUITRY FOR AREA OUTSIDE OF DEMOLITION AREA.
- 3 REMOVE KEYSWITCH, REMOVE CIRCUITRY BACK TO SOURCE.
- 4 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 5 DISCONNECT AND REMOVE ALL RECEPTACLES AND HARDWARE CONNECTIONS TO EQUIPMENT IN ROOM. REMOVE ALL DISCONNECTS. REMOVE ALL WIRING, AND CONDUIT BACK TO SOURCE. UPDATE PANELBOARD SCHEDULES TO REFLECT DEMOLISHED LOADS.
- 6 DISCONNECT AND REMOVE ALL DATA OUTLETS. REMOVE CABLING BACK TO DATA RACK.
- 7 REMOVE ALL WIRELESS ACCESS POINTS. TURN OVER TO OWNER. REMOVE ALL ASSOCIATED DATA OUTLETS AND CABLING BACK TO DATA RACK.
- 8 REMOVE ALL FIRE ALARM DETECTION AND NOTIFICATION DEVICES AND ASSOCIATED WIRING BACK TO SOURCE.
- 9 DISCONNECT POWER TO ALL DEMOLISHED HVAC EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO SOURCE.
- 10 DISCONNECT POWER TO UVS. COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.
- 11 REMOVE, CLEAN, AND STORE SMOKE ALARMS INDICATED FOR RELOCATION. COIL AND PROTECT FIRE ALARM WIRING FOR RECONNECTION TO SAME DEVICES INSTALLED ON NEW CEILING.
- 12 REMOVE, CLEAN, AND STORE PULL STATIONS FOR RELOCATION. COIL AND PROTECT FIRE ALARM WIRING FOR RECONNECTION TO SAME DEVICES INSTALLED IN NEW LOCATIONS.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B. ITEMS ASSOCIATED WITH ASBESTOS-CONTAINING DEMOLISHED WALLS WILL BE REMOVED BY CONTRACTOR RESPONSIBLE FOR ABATEMENT.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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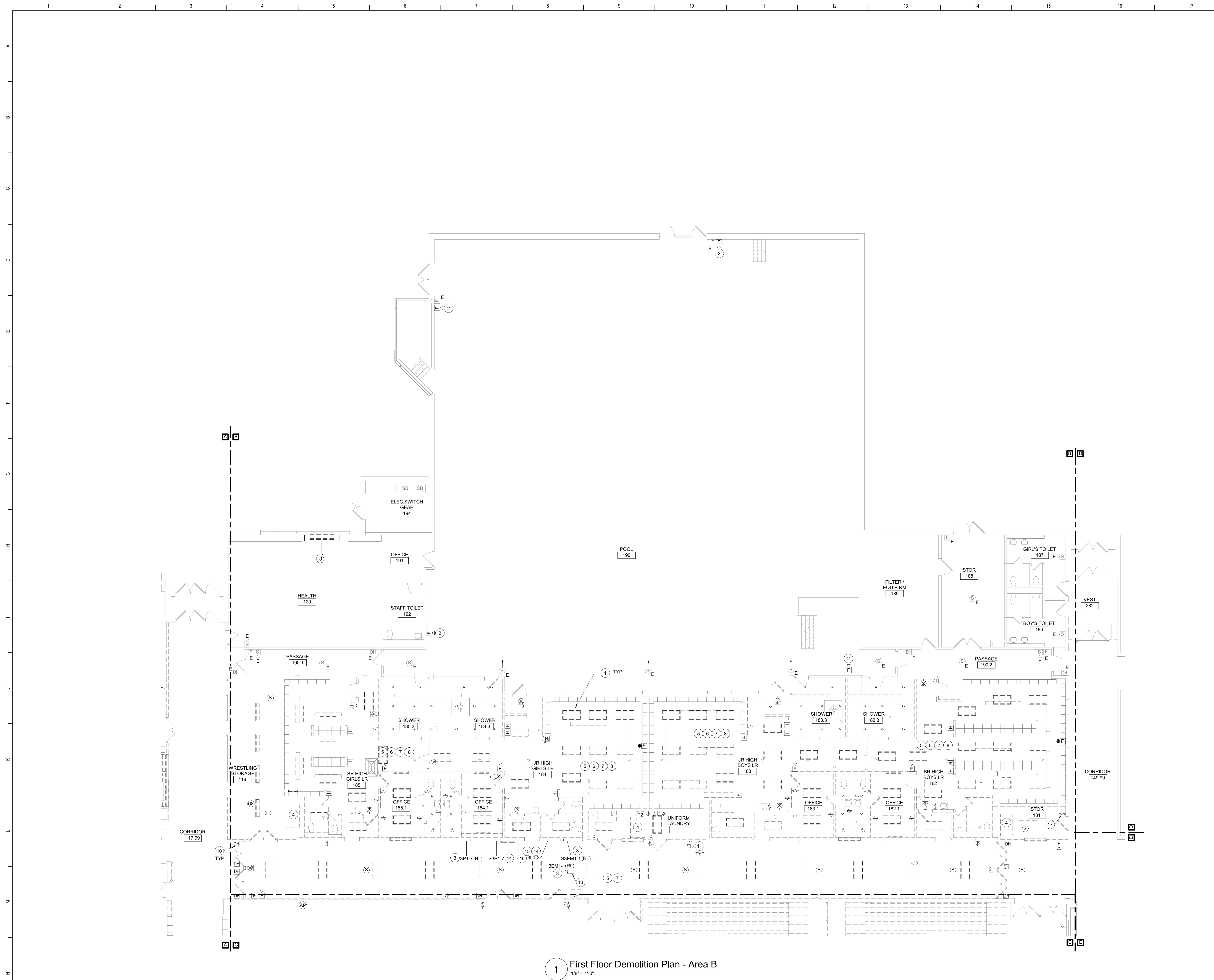


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area A

Drawn By: AEL/CR/sas	Date: 05/19/2023	Drawing Number: AE100
Project No.: 339070-22003		



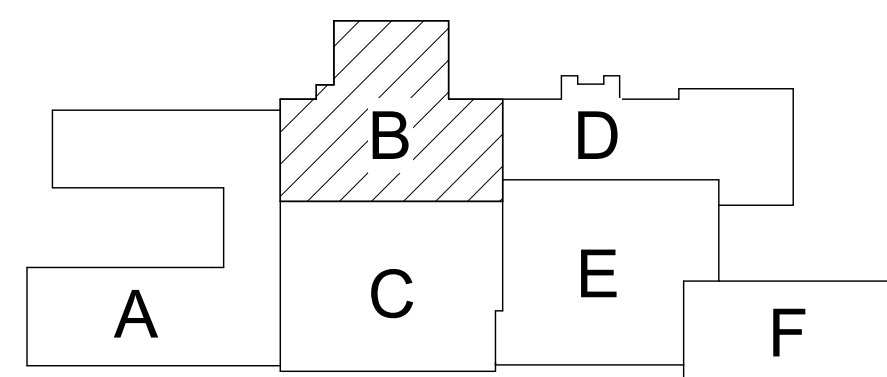
1 First Floor Demolition Plan - Area B
1/8" = 1'-0"

Keyed Notes

- 1 REMOVE ALL LUMINAIRES AND CONTROLS. REMOVE CIRCUITING BACK TO SOURCE.
- 2 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 3 DISCONNECT, REMOVE, CLEAN, AND STORE ELECTRICAL PANEL BACKBOX, BUSBAR, AND COVER. STORE BREAKERS FOR REUSE. PULL FEEDERS BACK TO JUNCTION POINT FOR EXTENSION TO NEW PANEL LOCATIONS. REFER TO SHEET AE162 FOR LOCATIONS.
- 4 DISCONNECT POWER TO MECHANICAL UNIT. REMOVE WIRING AND CONDUIT BACK TO SOURCE PANEL. DISCONNECT FIRE ALARM WIRING TO ALL ASSOCIATED DUCT SMOKE DETECTORS AND FIRE SMOKE DAMPERS. PRESERVE ADDRESSABLE MODULES FOR REUSE.
- 5 DISCONNECT AND REMOVE ALL RECEPTACLES AND HARDWIRE CONNECTIONS TO EQUIPMENT IN ROOM. REMOVE ALL DISCONNECTS. REMOVE ALL WIRING, AND CONDUIT BACK TO SOURCE.
- 6 DISCONNECT AND REMOVE ALL DATA OUTLETS. REMOVE CABLING BACK TO DATA RACK.
- 7 REMOVE ALL FIRE ALARM DETECTION AND NOTIFICATION DEVICES AND ASSOCIATED WIRING.
- 8 DISCONNECT POWER TO ALL DEMOLISHED HVAC EQUIPMENT. REMOVE WIRING AND CONDUIT BACK TO SOURCE.
- 9 DISCONNECT POWER TO UV'S. COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.
- 10 DISCONNECT DEMOLISHED DOOR HOLDERS FROM FIRE ALARM SYSTEM. REMOVE ASSOCIATED WIRING.
- 11 REMOVE, CLEAN, AND STORE WIRELESS CLOCKS FOR REINSTALLATION AFTER RENOVATION.
- 12 DISCONNECT AND REMOVE PA SPEAKERS. REMOVE ASSOCIATED WIRING FROM PA SYSTEM.
- 13 REMOVE CAMERA. TURN OVER TO OWNER. REMOVE ASSOCIATED CABLING BACK TO DATA RACK.
- 14 DISCONNECT AND REMOVE PANEL. PULL CONDUCTORS FOR EXISTING-TO-REMAN LOADS BACK TO JUNCTION BOX. PREPARE FOR EXTENSION TO BREAKERS IN NEW PANEL IN ELECTRICAL ROOM 181.2.
- 15 DISCONNECT CIRCUITS TO POOL LIGHTING AND POOL LIGHTING CONTACTOR FROM PANEL 3L1-2. PREPARE CIRCUITS FOR EXTENSION TO BREAKERS IN PANEL 2L1-3.
- 16 DISCONNECT CIRCUIT TO CIRCULATION PUMP FROM PANEL 3L1-2. PREPARE CIRCUIT FOR EXTENSION TO BREAKER IN PANEL 2P1-3.
- 17 INDICATED ITEMS ARE TO BE REMOVED BY CONTRACTOR RESPONSIBLE FOR ABATEMENT.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
B. FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.
C. ITEMS ASSOCIATED WITH ASBESTOS-CONTAINING DEMOLISHED WALLS WILL BE REMOVED BY CONTRACTOR RESPONSIBLE FOR ABATEMENT.



SED Control No. 60-01-01-06-0-018-023

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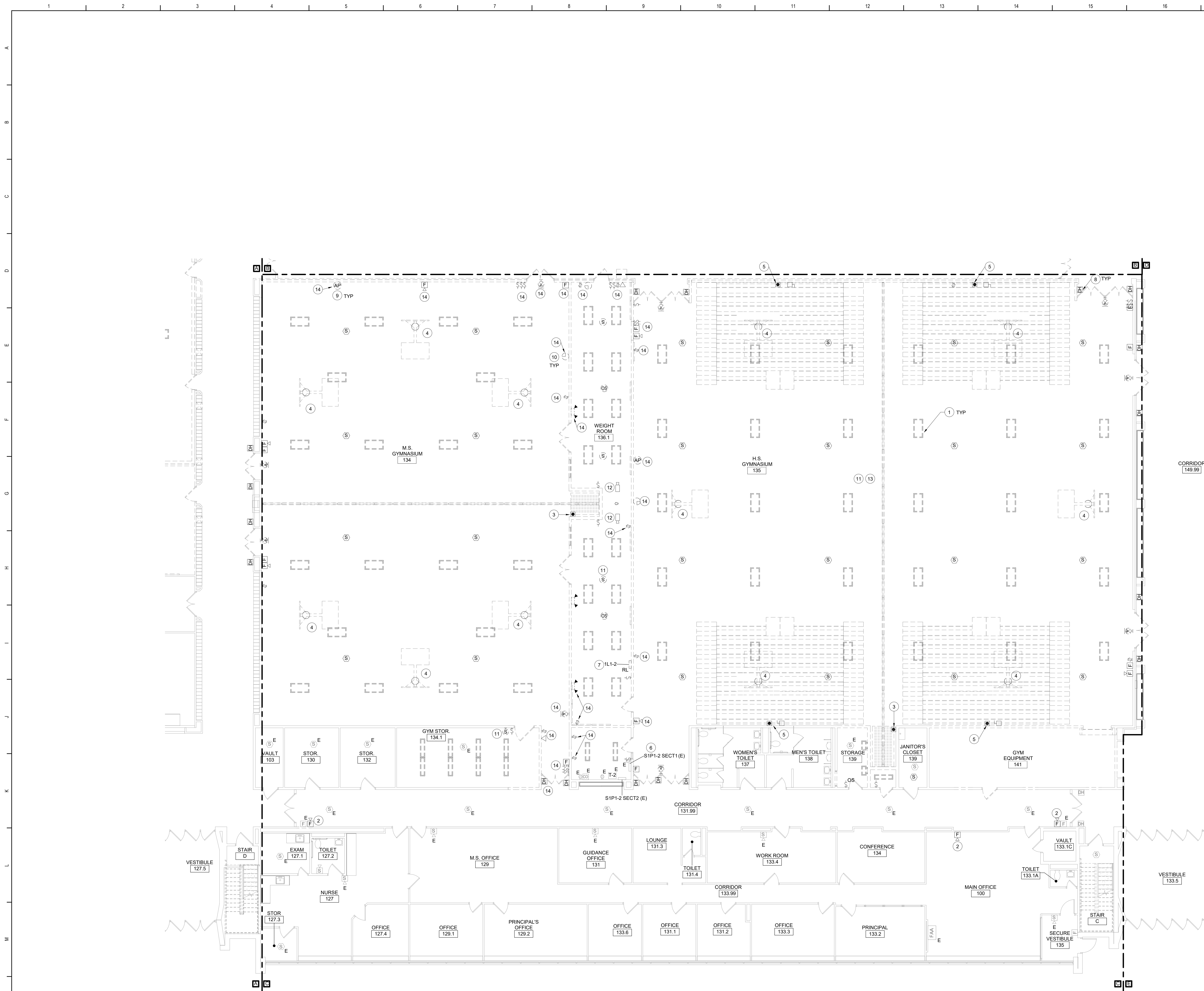


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area B

Drawn By: AEL/CR/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AE101



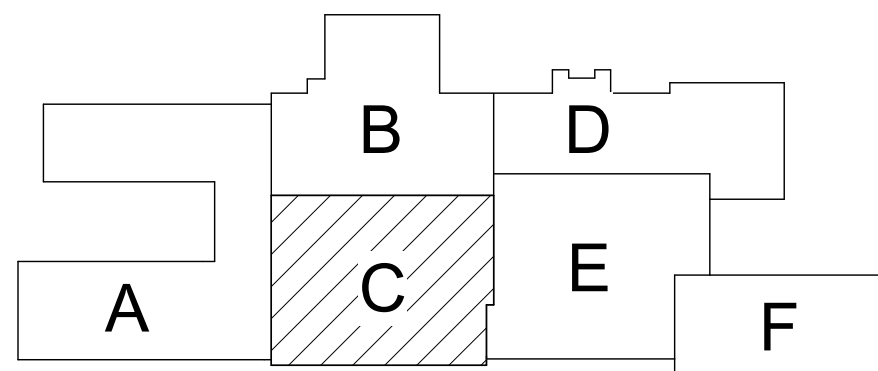
1 First Floor Demolition Plan - Area C
1/8" = 1'-0"

Keyed Notes

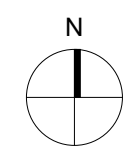
- 1 REMOVE ALL LUMINAIRES AND CONTROLS. REMOVE CIRCUITING BACK TO SOURCE.
- 2 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 3 DISCONNECT POWER TO ELECTRONICALLY OPERATED WALL DIVIDER. REMOVE WIRE AND CONDUIT BACK TO SOURCE. TURN OFF BREAKER AND MARK AS SPARE.
- 4 DISCONNECT POWER TO ALL BASKETBALL HOOP RETRACTING MOTORS AND CONTROLS. REMOVE WIRE AND CONDUIT BACK TO SOURCE. TURN OFF BREAKER AND MARK AS SPARE.
- 5 COORDINATE DISCONNECTION OF POWER TO BLEACHER TELESCOPING MOTOR WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT. COIL AND PROTECT WIRING FOR EXTENSION TO RELOCATED BLEACHERS.
- 6 DISCONNECT FEEDER TO TRANSFORMER T-2 (FEEDING PANEL S1P1-2 SECTION 1) FROM PANEL IP2-3 IN JR HIGH MECHANICAL 250. REMOVE 60A-3P BREAKER FROM PANEL. TURN OVER TO OWNER. PREPARE WIRING TO BE SPICED AND EXTENDED TO SWITCHBOARD IN ELECTRICAL SWITCHGEAR 116 IN AREA A.
- 7 DISCONNECT EXISTING-TO-REMAIN LIGHTING LOADS (SERVING OFFICES). PREPARE FOR EXTENSION TO PANEL 1L1-1. COORDINATE REMOVAL, CLEANING, AND STORAGE OF PANEL 1L1-2 WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT. DISCONNECT FEEDERS AND PREPARE WIRING TO BE SPICED AND EXTENDED TO NEW PANEL LOCATION. REFER TO SHEET AE102 FOR NEW LOCATION.
- 8 DISCONNECT DEMOLISHED DOOR HOLDERS FROM FIRE ALARM SYSTEM. REMOVE ASSOCIATED WIRING.
- 9 REMOVE ALL WIRELESS ACCESS POINTS, TURN OVER TO OWNER. REMOVE ALL ASSOCIATED DATA CABLING BACK TO DATA RACK.
- 10 REMOVE, CLEAN, AND STORE WIRELESS CLOCKS FOR REINSTALLATION AFTER RENOVATION.
- 11 DISCONNECT AND REMOVE PA SPEAKERS. REMOVE ASSOCIATED WIRING FROM PA SYSTEM.
- 12 REMOVE CAMERA. TURN OVER TO OWNER. REMOVE ASSOCIATED CABLING BACK TO DATA RACK.
- 13 DISCONNECT AND REMOVE EXISTING SOUND SYSTEM, INCLUDING SPEAKERS, CONDUIT, WIRING, AND AUDIO INPUT JACKS.
- 14 COORDINATE REMOVAL OF INDICATED ITEMS WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
B. FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.



Key Plan
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area C

Drawn By:
AEL/CR/sas
Project No.:
339070-22003

Date:
05/19/2023

Drawing Number:

AE102



1 First Floor Demolition Plan - Area D
1/8" = 1'-0"

Keyed Notes

- 1 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 2 DISCONNECT POWER TO UV'S. COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.
- 3 DISCONNECT INDICATED DEVICES, AS REQUIRED TO SUPPORT WALL TILING. PRESERVE WIRING AND BACKBOXES.

General Notes

A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
B. FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.

Key Plan
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SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area D

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number: AE103
Project No.: 339070-22003		



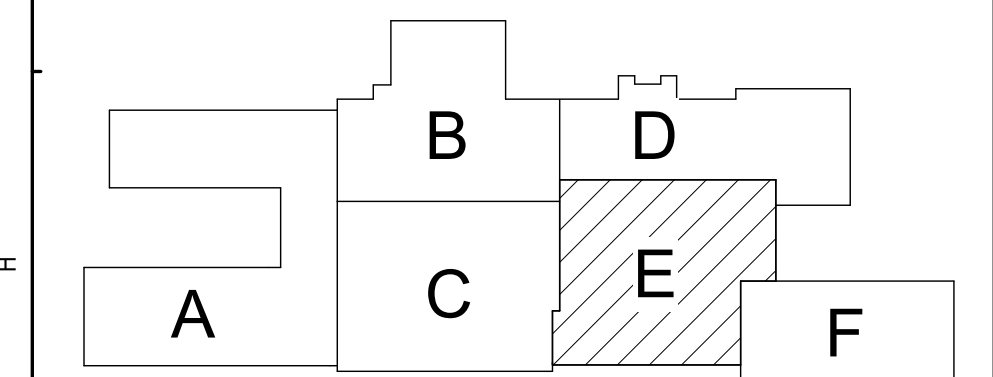
1 First Floor Demolition Plan - Area E
1/8" = 1'-0"

Keyed Notes

- 1 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 2 DISCONNECT POWER TO UV'S. COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.

General Notes

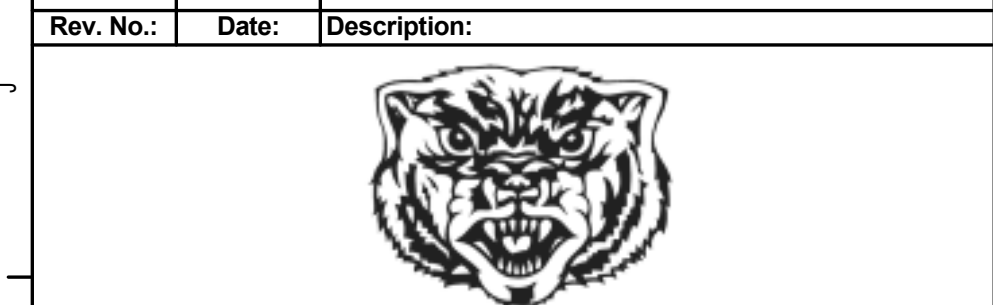
- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B. FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.



Key Plan
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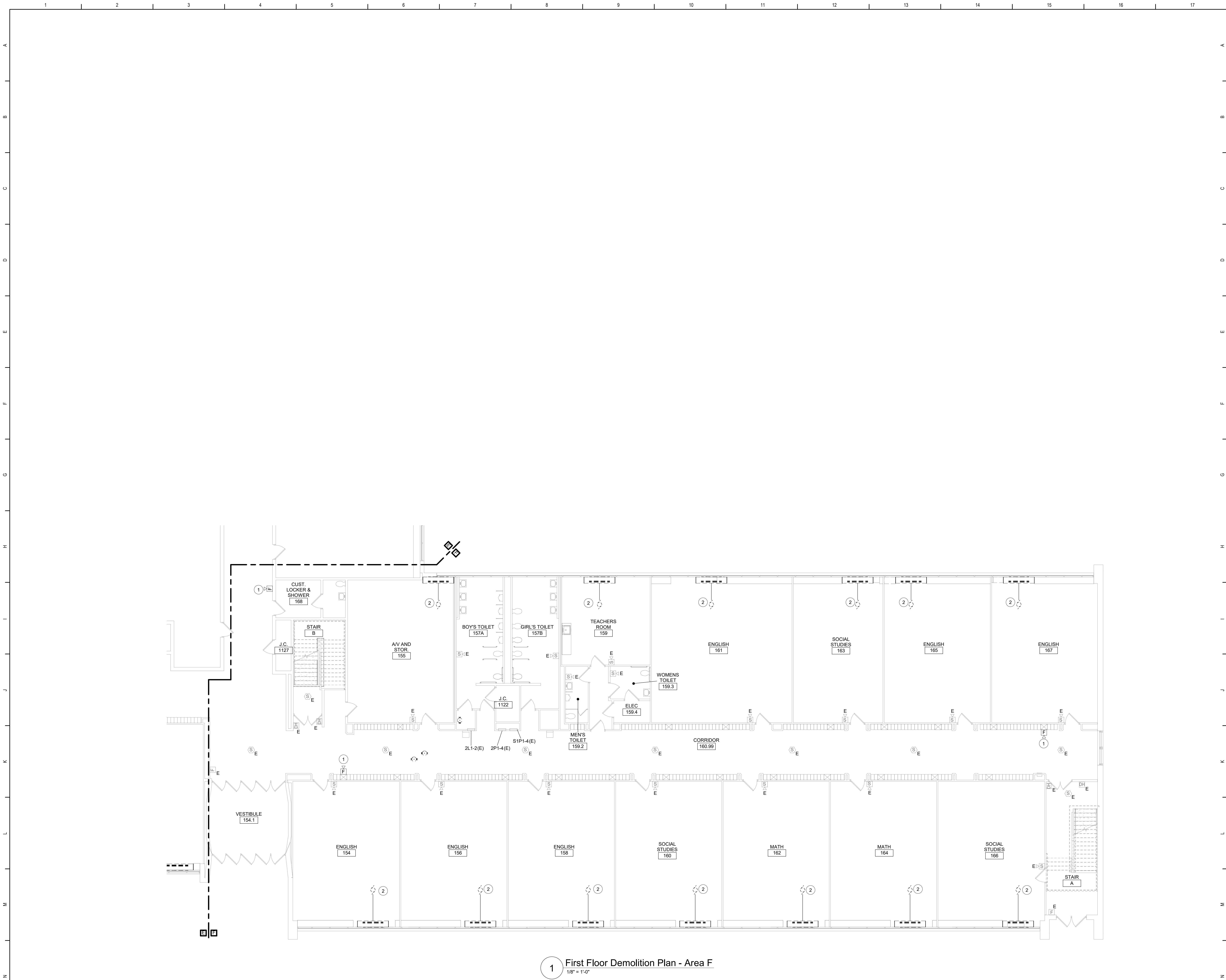


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area E

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number: AE104
Project No.: 339070-22003		



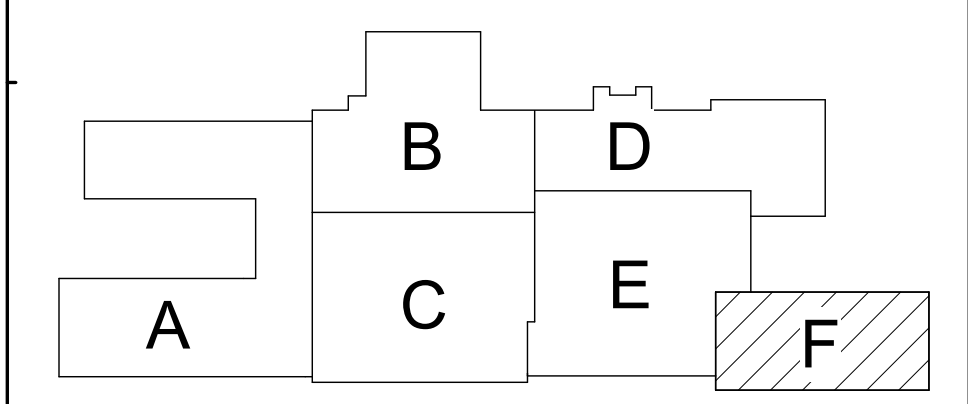
1 First Floor Demolition Plan - Area F
1/8" = 1'-0"

Keyed Notes

- 1 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 2 DISCONNECT POWER TO UV'S, COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.

General Notes

- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.



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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan - Area F

Drawn By: AEL/sas Date: 05/19/2023 Drawing Number: 339070-22003
Project No.: AE105

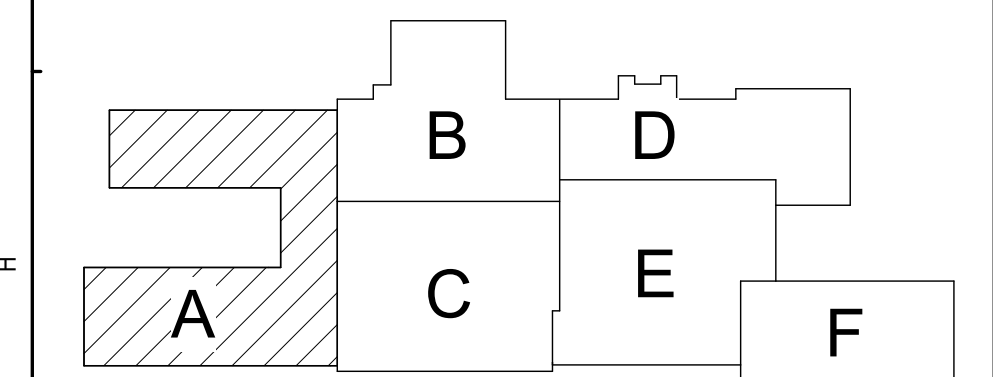


Keyed Notes

- 1 DISCONNECT POWER TO EXISTING AIR COMPRESSOR. PRESERVE CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.
- 2 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 3 DISCONNECT POWER TO UV'S. COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.
- 4 DISCONNECT AND REMOVE ALL RECEPTACLES AND HARDWIRE CONNECTIONS TO EQUIPMENT IN ROOM. COIL AND PROTECT CIRCUITING FOR RECONNECTION TO NEW DEVICES.
- 5 DISCONNECT AND REMOVE ALL DATA OUTLETS. REMOVE CABLING BACK TO DATA RACK.
- 6 REMOVE ALL FIRE ALARM NOTIFICATION DEVICES. PRESERVE WIRING FOR RECONNECTION TO NEW FIRE ALARM DEVICES.
- 7 DISCONNECT AND REMOVE CABLING FROM TV ANTENNAE. REMOVE CABLING BACK TO HEAD END EQUIPMENT.
- 8 REMOVE (3) 3-POLE POLE BREAKERS FROM PANEL 1P2-1. TURN OVER BREAKERS TO OWNER. PREPARE PANEL SPACES FOR NEW BREAKERS.

General Notes

- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.
- C ITEMS ASSOCIATED WITH ASBESTOS-CONTAINING DEMOLISHED WALLS WILL BE REMOVED BY CONTRACTOR RESPONSIBLE FOR ABATEMENT.



Key Plan
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Demolition Plan - Area A

Drawn By: AEL/CR/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AE106	



- 1 REMOVE FIRE ALARM HORN-STROBES. MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 2 DISCONNECT POWER TO MECHANICAL UNIT. REMOVE WIRING AND CONDUIT BACK TO SOURCE PANEL (1P-2). MAINTAIN BREAKERS FOR RELOCATION TO LOCATION TO BE EXIST. DISCONNECT FIRE ALARM WIRING TO ALL ASSOCIATED DUCT SMOKE DETECTORS AND FIRE SMOKE DAMPERS. PRESERVE ADDRESSABLE MODULES FOR REUSE.
- 3 DISCONNECT PANEL. PREPARE FOR RELOCATION. REMOVAL OF CAPTIVE BRANCH CIRCUIT CONDUIT TO FASTENER TO THE WALL, WILL BE BY CONTRACTOR RESPONSIBLE FOR ABATEMENT. CAPTURE FEEDERS AND PREPARE TO SPLICE AND EXTEND TO NEW PANEL LOCATION. DISCONNECT EXISTING TO REMAIN LOADS. PICTURE WIRING FOR RECONNECTION TO SAME BREAKERS IN RELOCATED PANEL.
- 4 DISCONNECT POWER TO RTU-WEST (ON ROOF) FROM PANEL 1P-2.2. CAPTURE BRANCH CIRCUIT CONDUIT TO FASTENER TO THE WALL, WILL BE BY CONTRACTOR RESPONSIBLE FOR ABATEMENT. EXTENSION TO PANEL 2P-3.3R SR HIGH SCHOOL, MECHANICAL ROOM 256.
- 5 DISCONNECT POWER TO RTU-EAST (ON ROOF) FROM PANEL 1P-2.2. CAPTURE BRANCH CIRCUIT CONDUITS. PREPARE FOR EXTENSION TO PANEL 2P-3.3R SR HIGH SCHOOL, MECHANICAL ROOM 256.
- 6 DISCONNECT TRANSFORMER T-1 (FEEDING PANEL 1P-2.3) FROM PANEL 1P-2.3. PREPARE FEEDERS FOR CONNECTION TO TRANSFORMER BRANCH CIRCUIT CONDUIT TO FASTENER TO SR HIGH SCHOOL, MECHANICAL ROOM 256. MARK 50A-3P BREAKER AS SPARE.
- 7 REMOVE ALL FIRE ALARM NOTIFICATION AND DETECTION DEVICES IN JR HIGH MECHANICAL 250. DISCONNECT WIRING FROM DUCT SMOKE DETECTORS. REMOVE ALL WIRING BACK TO SOURCE.
- 8 REMOVE RECEPTACLES IN WORK ROOM. REMOVE WIRING BACK TO SOURCE (PANEL 1P-2.3). TURN OFF BREAKER AND READY FOR CONNECTION TO NEW CIRCUIT. REFER TO KEYED NOTE 11 ON AE168.
- 9 INDICATED ITEMS ARE TO BE REMOVED BY CONTRACTOR RESPONSIBLE FOR ABATEMENT.
- 10 DISCONNECT AND REMOVE INDICATED RECEPTACLES FROM CIRCUIT. MAINTAIN WIRING TO REMAINING DEVICES ON CIRCUIT. REMOVE FEEDER BREAKER AND FIRE ALARM DEVICES - COIL AND PRESERVE WIRING FOR RECONNECTION TO RELOCATED DEVICES. REMOVE DATA RECEPTACLE AND ASSOCIATED WIRING.
- 11 REMOVE LUMINAIRES AND CONTROL BACK TO SOURCE.
- 12 COORDINATE REMOVAL OF CEILING-MOUNTED LUMINAIRES AND DEVICES WITH STRUCTURAL REINFORCEMENT WORK. COORDINATE REMOVAL OF CASE OR CASES ABOVE CEILING WITH STRUCTURAL REINFORCEMENT WORK.

A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
B. FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.
C. ITEMS ASSOCIATED WITH ASBESTOS-CONTAINING DEMOLISHED WALLS WILL BE REMOVED BY CONTRACTOR RESPONSIBLE FOR ABATEMENT.



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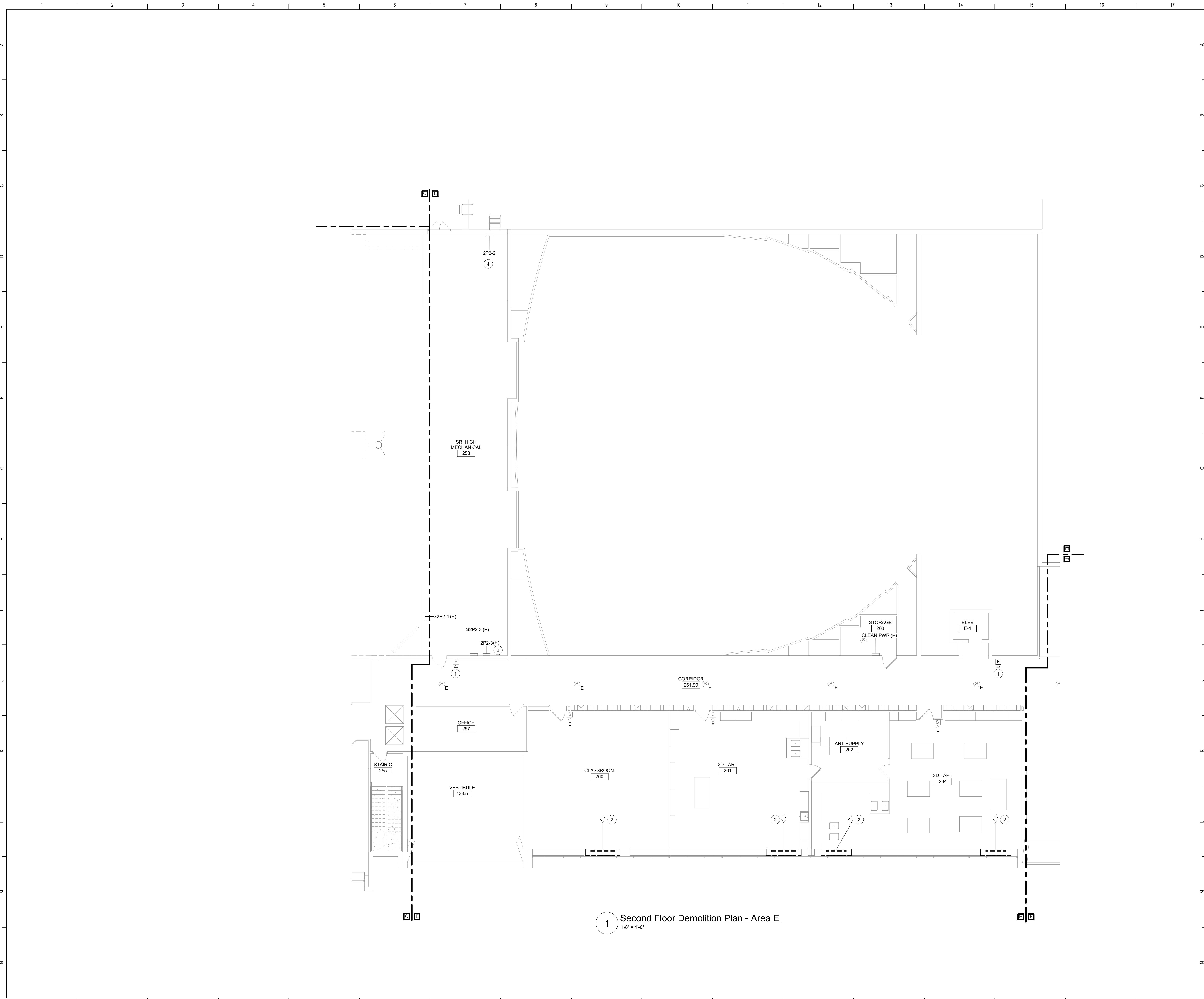
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Second Floor Demolition Plan - Area C

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AE107

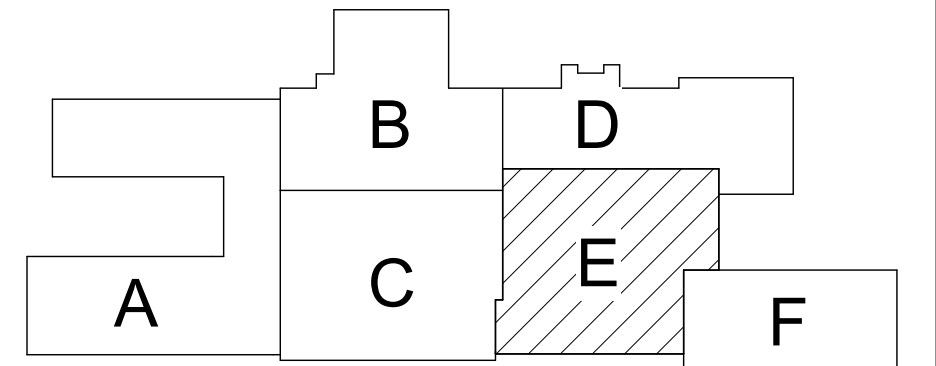


Keyed Notes

- 1 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 2 DISCONNECT POWER TO UV'S. COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.
- 3 REMOVE SPARE 40A-3P BREAKER FROM PANEL 2P2-3. RETURN BREAKER TO OWNER. PREPARE SPACE FOR NEW BREAKER.
- 4 REMOVE (4) 20A-3P BREAKERS FROM PANEL 2P2-2. TURN BREAKERS OVER TO OWNER. PREPARE SPACES FOR NEW BREAKERS.

General Notes

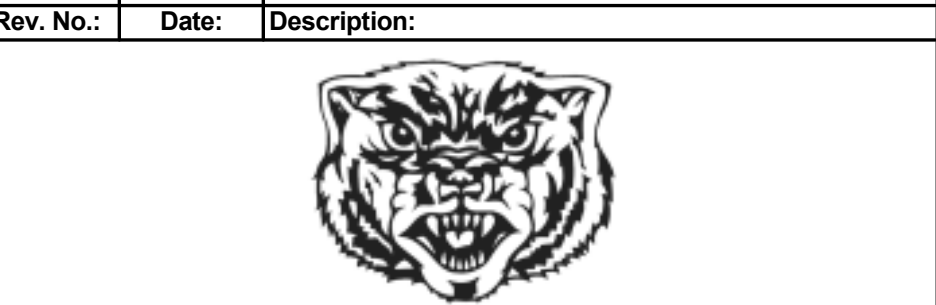
- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.



Key Plan
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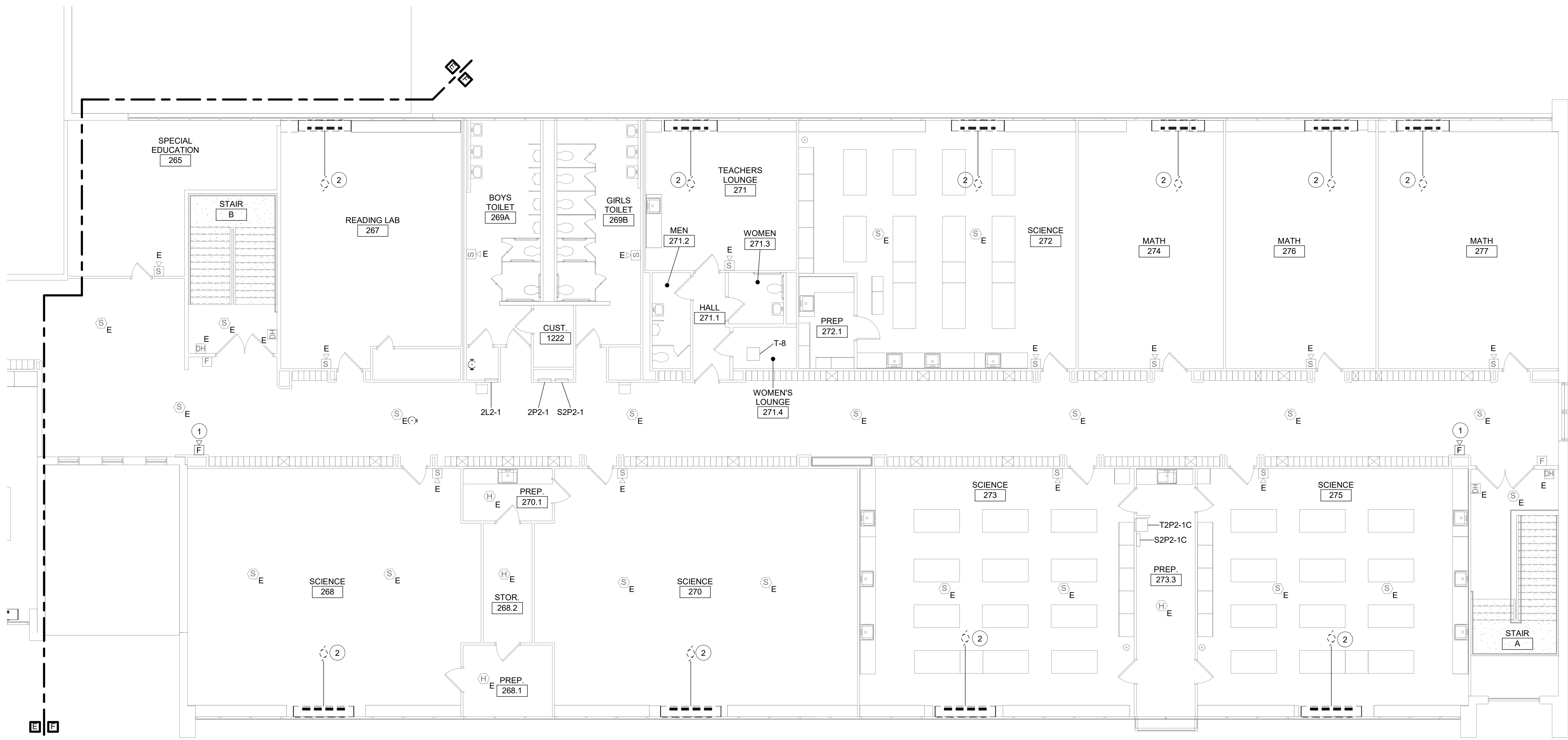


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Demolition Plan - Area E

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number: AE108
Project No.: 339070-22003		



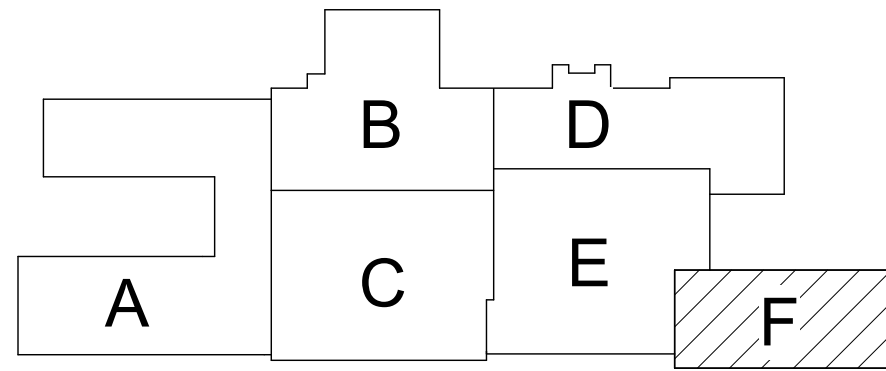
1 Second Floor Demolition Plan - Area F
1/8" = 1'-0"

Keyed Notes

- 1 REMOVE FIRE ALARM HORN-STROBES, MAINTAIN WIRING FOR CONNECTION TO NEW DEVICE.
- 2 DISCONNECT POWER TO UV'S. COIL AND PROTECT CIRCUITRY FOR RECONNECTION TO REPLACEMENT UNIT.

General Notes

- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:
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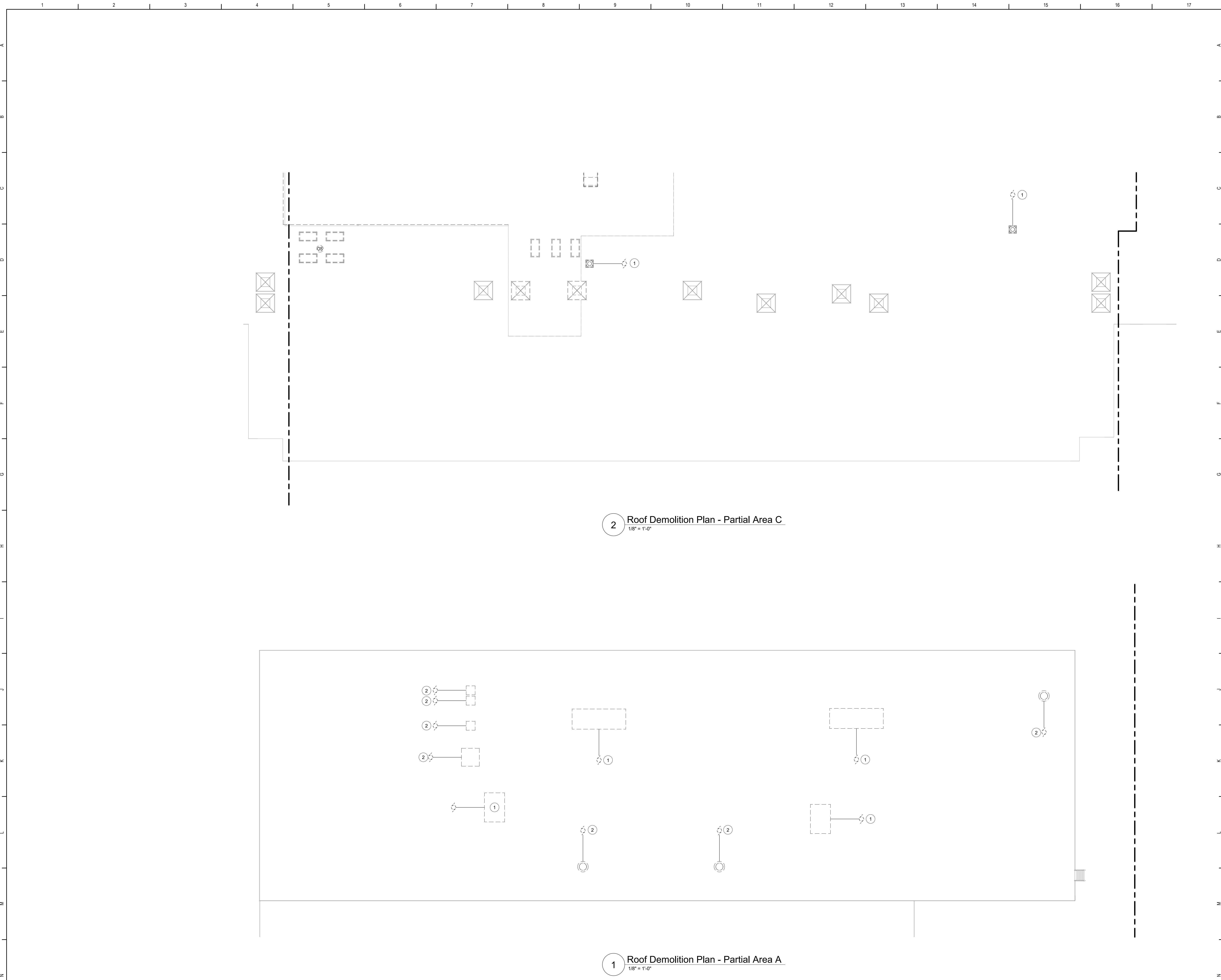


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

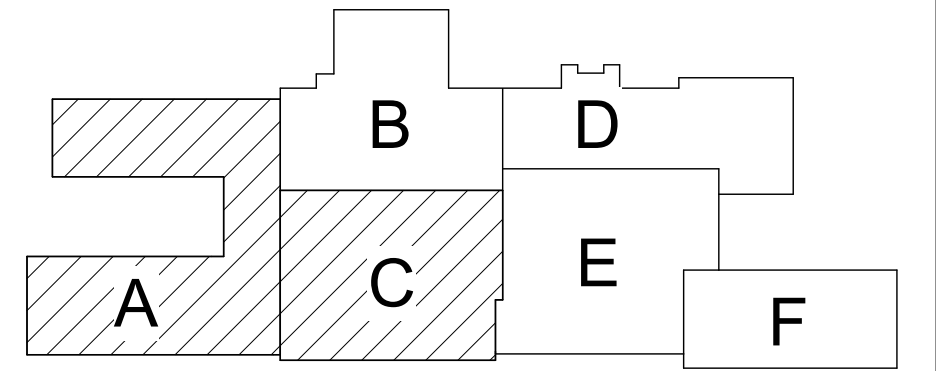
Second Floor Demolition Plan - Area F

Drawn By:	Date:	Drawing Number:
Author	05/19/2023	
Project No.:		
339070-22003		AE109



- Keyed Notes**
- 1 DISCONNECT POWER TO MECHANICAL UNIT AND/OR ASSOCIATED CONTROLLER. REMOVE WIRING AND CONDUIT BACK TO SOURCE PANEL. DISCONNECT FIRE ALARM WIRING TO ANY ASSOCIATED DUCT SMOKE DETECTORS AND FIRE SMOKE DAMPERS. PRESERVE ADDRESSABLE MODULES FOR REUSE.
 - 2 DISCONNECT POWER TO EXHAUST FAN AND/OR ASSOCIATED CONTROLLER. REMOVE WIRING AND CONDUIT BACK TO SOURCE PANEL. DISCONNECT FIRE ALARM WIRING TO ANY ASSOCIATED SHUTDOWN MODULES. PRESERVE ADDRESSABLE MODULES FOR REUSE.

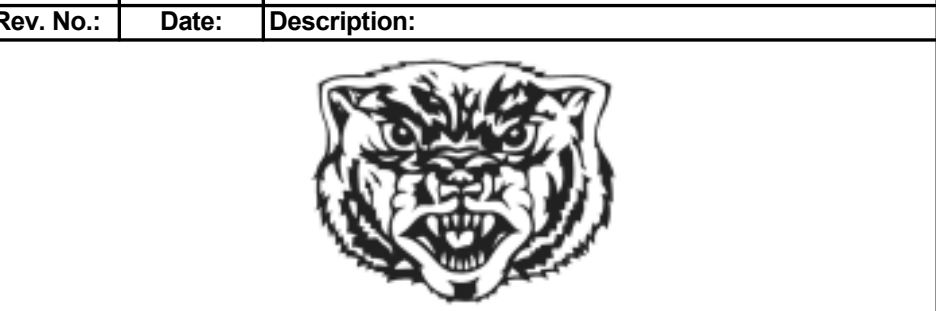
- General Notes**
- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
 - B. FOR GENERAL DEMOLITION NOTES, REFER TO DRAWING AE100.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:



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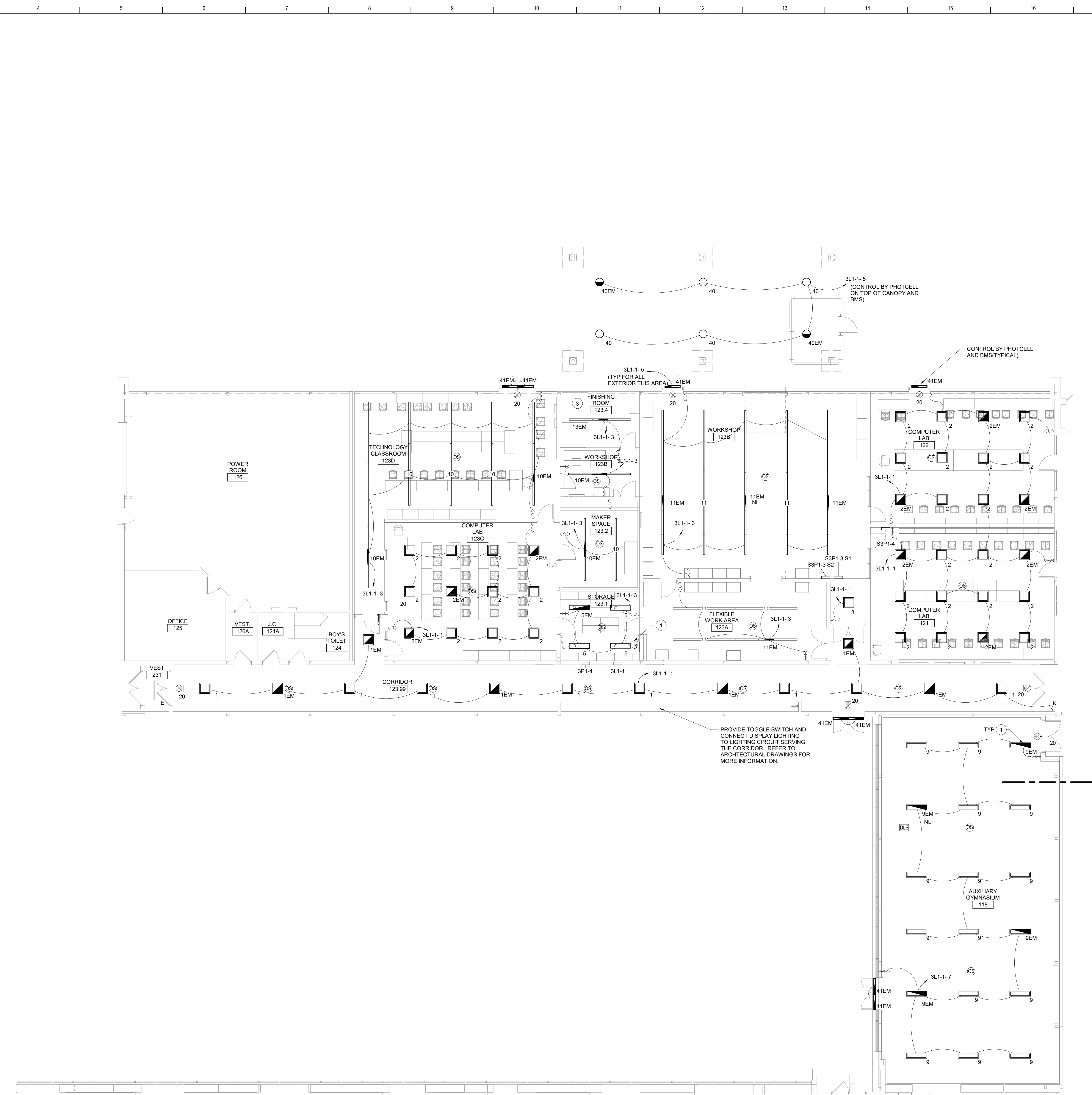
TETRA TECH
ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Roof Demolition Plan - Partial Areas A & C

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AE110	



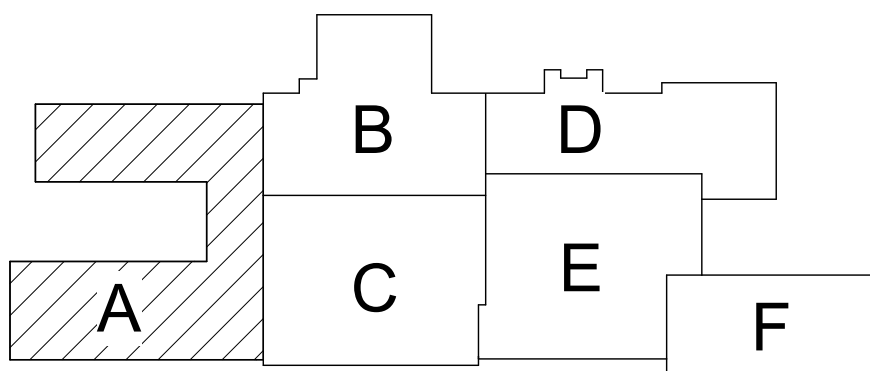
1 First Floor - Lighting Plan - Area A
1/8" = 1'-0"

Keyed Notes

- 1 CONNECT EMERGENCY LUMINAIRES (TYPE 9EM) TO MINIATURE INVERTER BASED ON MODEL VESTA MAX MODEL VST-MAX-375W-UNV-40K, MOUNTED AT 72" AFF. COORDINATE FINAL LOCATION WITH OWNER. REFER TO WIRING DIAGRAM ON DRAWING AE500.
- 2 CONNECT MINIATURE INVERTER IN LINE WITH CIRCUIT AT PANEL 3L1-1 TO EMERGENCY LUMINAIRES (TYPE 9EM).
- 3 ALL DEVICES AND WIRING WITHIN THIS AREA SHALL BE CONFORM TO THE REQUIREMENTS OF A CLASS 1 DIV 1 LOCATION.

General Notes

- A. REFER TO DRAWING AE050 FOR GENERAL NOTES.
- B. LIGHTING CONTROL SEQUENCES:
- TOILETS:
- PERSON ENTERS THE ROOM AND LUMINAIRES TURN ON TO 100% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. ON/OFF OVERRIDE CONTROL BY KEYSWITCH.
- CLASSROOMS:
- (2) ZONE: TEACHING WALL AND GENERAL CLASSROOM EACH OPERATED WITH A (4) BUTTON LOW VOLTAGE LIGHTING CONTROL. BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAYBE BE MANUALLY ADJUSTED BY EACH LOW VOLTAGE LIGHTING CONTROL PER ZONE. IF LUMINAIRES ARE LEFT ON AND CLASSROOM IS UNOCCUPIED LUMINAIRES WILL TURN OFF WITHIN 15 MINUTES. ONCE ROOM BECOMES OCCUPIED AGAIN LUMINAIRES WILL TURN ON TO LAST LEVEL OR LAST LEVEL SELECTED.
- OFFICES:
- PERSON ENTERS THE ROOM AND LUMINAIRES TURN ON TO 50% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. LOW VOLTAGE LIGHTING CONTROL. BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAYBE BE MANUALLY ADJUSTED BY BUTT.
- CORRIDORS:
- PERSON ENTERS CORRIDOR AND LUMINAIRES TURN ON TO 100% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE CORRIDOR THE OCCUPANCY SENSOR WILL TURN DIM LUMINAIRES TO 50% AFTER 15 MINUTES. ON/OFF OVERRIDE CONTROL BY KEYSWITCH.
- EXTERIOR:
- EXTERIOR LIGHTING ON BY PHOTOCELL WITH PROGRAMMABLE SETTINGS BY BUILDING MANAGEMENT SYSTEM (BMS).
- C. UNLESS NOTED OTHERWISE ALL LIGHTING BRANCH CIRCUITS ARE (2)W12, (1)W12S, IN 1/2" CONDUIT.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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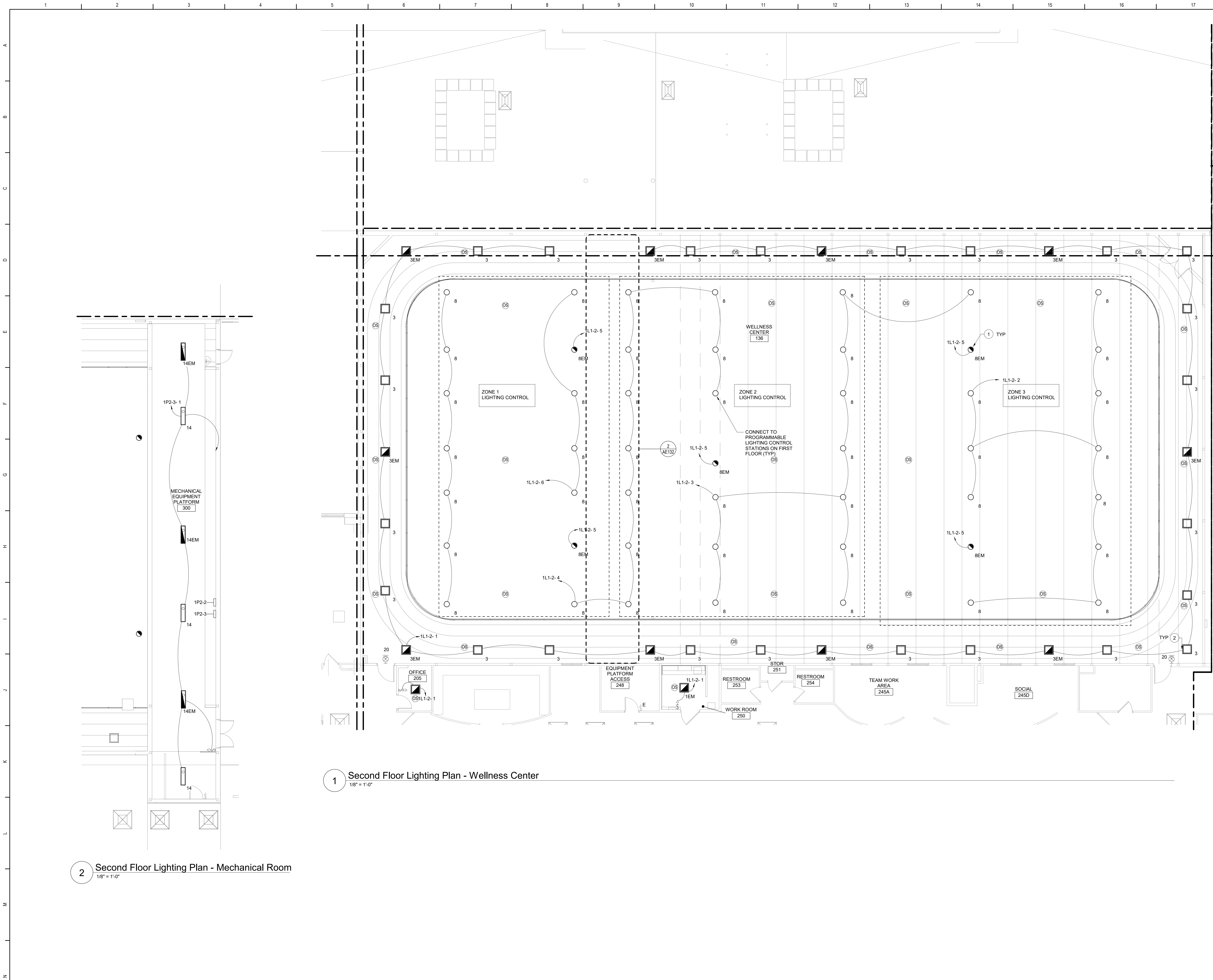
Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Lighting Plan - Area A

Drawn By: CR Date: 05/19/2023 Drawing Number: AE130
Project No.: 339070-22003

$$1/8'' = 1'-0''$$

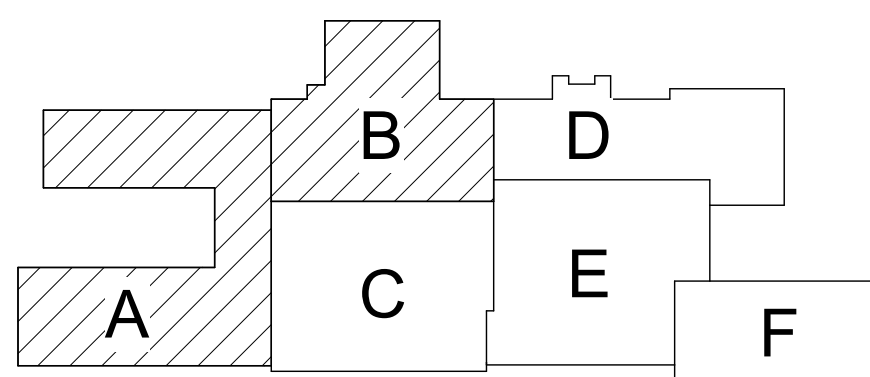


Keyed Notes

- CONNECT EMERGENCY LUMINAIRES (TYPE 8EM) TO MINIATURE INVERTER (LOCATED IN ROOM 136.1) BASED ON MODEL VESTA MAX MODEL VST-MAX-375W-LUNY-4CK, MOUNTED AT 72" AFF. OUTPUT 20%. COORDINATE FINAL LOCATION WITH OWNER. REFER TO WIRING DIAGRAM ON DRAWING AE500.
- CONTROL BY PRE-PROGRAMMABLE LIGHTING CONTROL STATIONS ON FIRST FLOOR.

General Notes

- A. REFER TO DRAWING AE500 FOR GENERAL NOTES.
- B. LIGHTING CONTROL SEQUENCES:
- TOILETS:
PERSON ENTERS THE ROOM AND LUMINAIRES TURN ON TO 100% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. LOW VOLTAGE LIGHTING CONTROL. BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAYBE BE MANUALLY ADJUSTED BY BUTTON.
- OFFICES:
PERSON ENTERS THE ROOM AND LUMINAIRES TURN ON TO 50% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE ROOM THE OCCUPANCY SENSOR WILL TURN OFF THE LUMINAIRES AFTER 15 MINUTES. LOW VOLTAGE LIGHTING CONTROL. BUTTON CAPABLE OF ON/OFF, 50% AND 100% MAYBE BE MANUALLY ADJUSTED BY BUTTON.
- CORRIDORS/STAIRS:
PERSON ENTERS CORRIDOR AND LUMINAIRES TURN ON TO 100% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE CORRIDOR THE OCCUPANCY SENSOR WILL TURN DIM LUMINAIRES TO 50% AFTER 15 MINUTES. ON/OFF OVERRIDE CONTROL BY KEYED SWITCH.
- WELLNESS CENTER:
PERSON ENTERS SPACE AND LUMINAIRES TURN ON TO 100% OUTPUT BY OCCUPANCY SENSOR. WHEN PERSON EXITS THE SPACE THE OCCUPANCY SENSOR WILL TURN LUMINAIRES OFF AFTER 15 MINUTES. ON/OFF OVERRIDE CONTROL BY HYBRID DMX0-1 PRE-PROGRAMMABLE LOCKOUT SCREEN ON FIRST FLOOR.
- EXTERIOR:
EXTERIOR LIGHTING ON BY PHOTOCELL WITH PROGRAMMABLE SETTINGS BY BUILDING MANAGEMENT SYSTEM.
- C. UNLESS NOTED OTHERWISE ALL LIGHTING BRANCH CIRCUITS ARE (2#12, 1#12G, IN 1/2" CONDUIT).



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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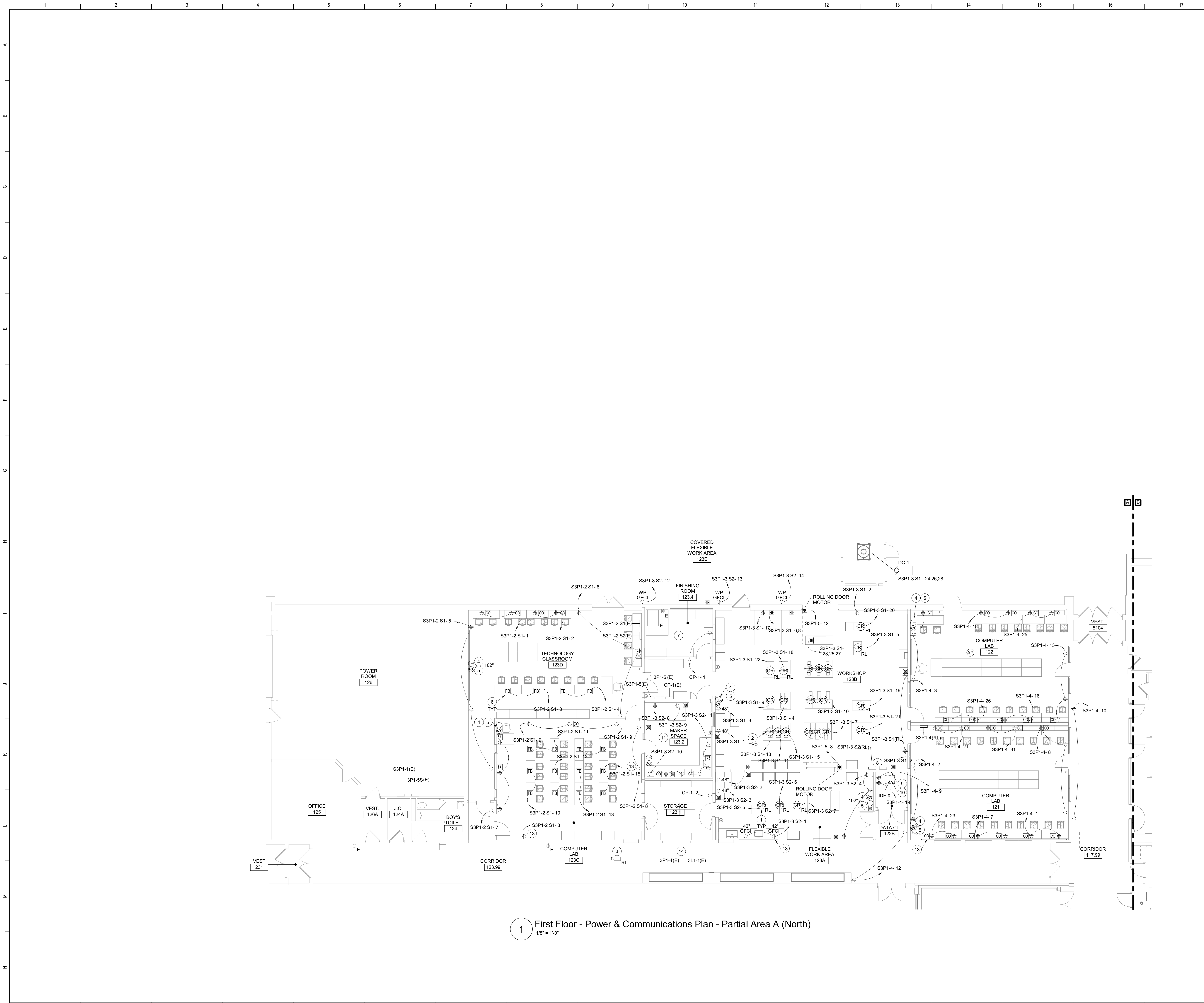


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Lighting Plan - Area A
and C

Drawn By: CR Date: 05/19/2023 Drawing Number: 339070-22003
Project No.: AE132



Keyed Notes

- 1 REINSTALL CORD REELS PROTECTED DURING DEMOLITION. AT EACH INSTANCE OF A CORD REEL, PROVIDE RECEPTACLE AT CEILING.
- 2 PROVIDE CORD REEL WITH DOUBLE DUPLEX RECEPTACLE.
- 3 REINSTALL CAMERA PROTECTED DURING DEMOLITION. RECONNECT PROTECTED CABLING.
- 4 REINSTALL WIRELESS CLOCKS PROTECTED DURING DEMOLITION. COORDINATE RECALIBRATION OF CLOCKS WITH EXISTING CLOCK SYSTEM WITH OWNER.
- 5 INSTALL NEW SPEAKER, FURNISHED BY OWNER. PROVIDE CAT6 WIRING TO SPEAKER FROM DATA RACK.
- 6 PROVIDE FLOOR BOX WITH DOUBLE DUPLEX AND SINGLE DATA PLATE WITH (2) DATA JACKS AND (2) CAT6 CABLES.
- 7 ALL DEVICES AND WIRING WITHIN THIS AREA SHALL BE CONFORM TO THE REQUIREMENTS OF A CLASS 1 DIV 1 LOCATION.
- 8 REINSTALL ELECTRICAL PANELS AND ASSOCIATED CONTACTOR. EXTEND FEEDERS IN KIND TO NEW PANEL LOCATION. PROVIDE NEW EMERGENCY BUTTONS TO INTEGRATE INTO PANEL CONTACTOR.
- 9 PROVIDE TELECOMMUNICATIONS GROUND BUS FOR NEW DATA RACK. CONNECT TO FURNISHED DATA RACK AND BUILDING GROUND.
- 10 EXTEND PRESERVED FIBER OPTIC CABLE TO NEW RACK LOCATION. DATA RACK AND SWITCHES FURNISHED BY OWNER. COORDINATE CONNECTION TO EQUIPMENT WITH OWNER.
- 11 MOUNT ALL DATA AND POWER RECEPTACLES IN MAKER SPACE 123.2 AT 42" AFF.
- 12 COORDINATE ALL WORK IN PANELS 3P1-4 AND 3L1-1 WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT.
- 13 PROVIDE SURFACE-MOUNTED DATA AND POWER RECEPTACLE(S).
- 14 COORDINATE ALL WORK IN PANELS 3P1-4 AND 3L1-1 WITH CONTRACTOR RESPONSIBLE FOR ABATEMENT.

General Notes

A. FOR GENERAL NOTES, REFER TO DRAWING AE050.

Key Plan

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SED Control No. 60-01-01-06-0-018-023

Rev. No.	Date	Description

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TETRA TECH

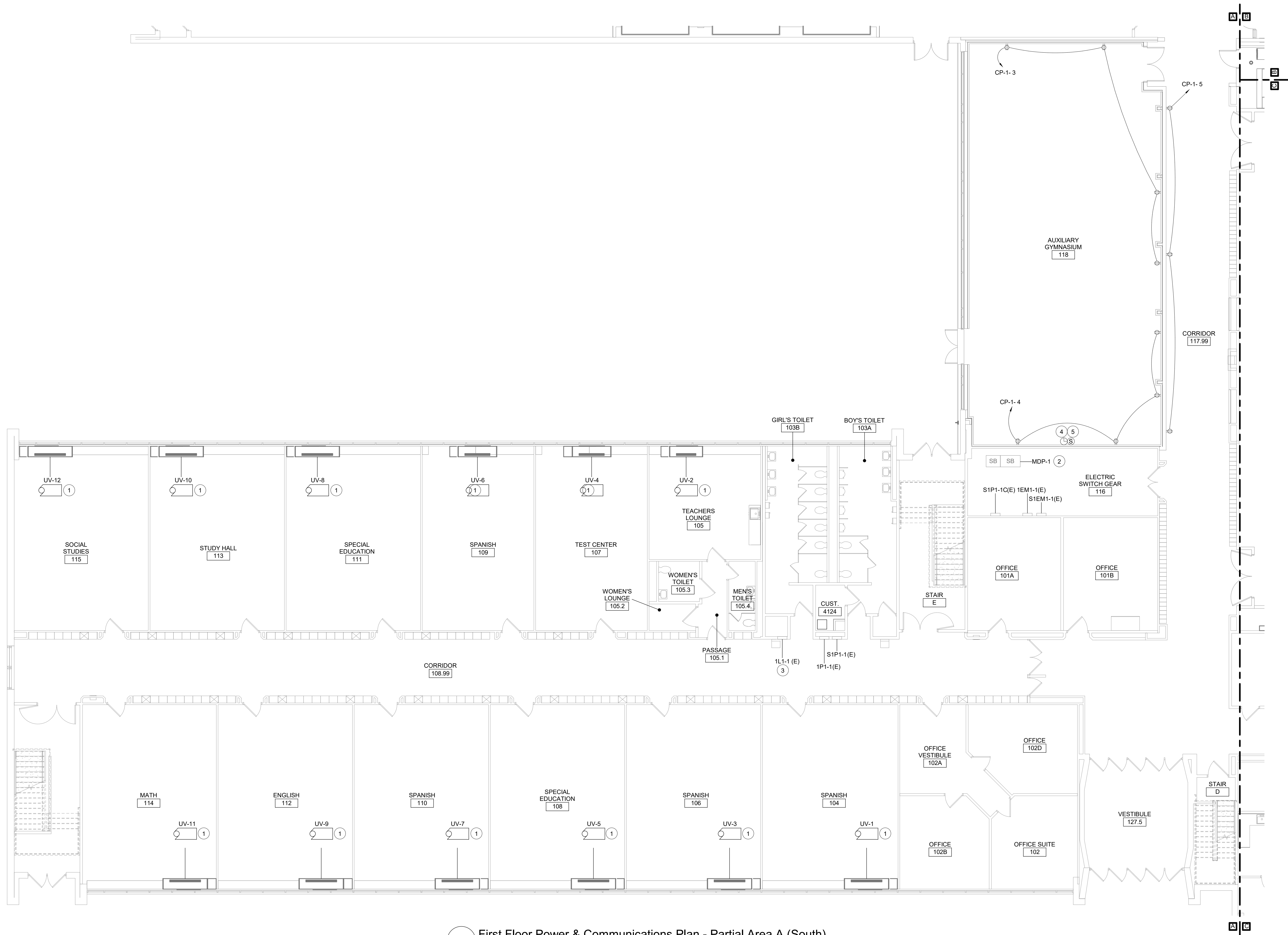
ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Power & Communications
Plan - Partial Area A (North)

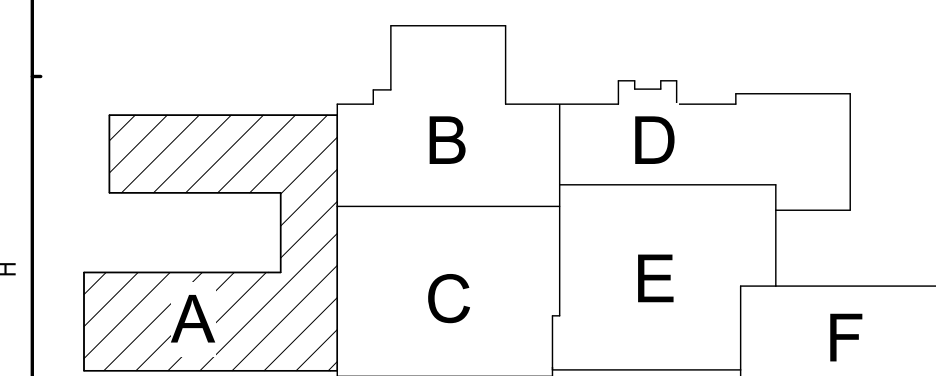
Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number: <h1>AE160</h1>
Project No.: 339070-22003		



1 First Floor Power & Communications Plan - Partial Area A (South)
1/8" = 1'-0"

Keyed Notes

- 1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S. EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.
- 2 PROVIDE 50A-3P BREAKER IN AVAILABLE SPACE IN SWITCHBOARD MDP-1 TO FEED TRANSFORMER T-2 IN ELEC RM 136.1. NEW BREAKER SHALL BE UL LISTED FOR USE IN SWITCHBOARD AND MEET OR EXCEED AIC RATING OF EXISTING SWITCHBOARD. LABEL BREAKER ACCORDINGLY.
- 3 PROVIDE (4) 20A-1P BREAKERS FOR RELOCATED LIGHTING LOADS FROM PANEL 1L1-2. REFER TO KEYED NOTE 7 ON AE102. NEW BREAKERS SHALL BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. UPDATE PANEL SCHEDULE ACCORDINGLY.
- 4 INSTALL NEW SPEAKER, FURNISHED BY OWNER. PROVIDE CAT6 WIRING TO SPEAKER FROM DATA RACK.
- 5 INSTALL WIRELESS CLOCK, FURNISHED BY OWNER. COORDINATE CALIBRATION OF CLOCK WITH EXISTING CLOCK SYSTEM WITH OWNER.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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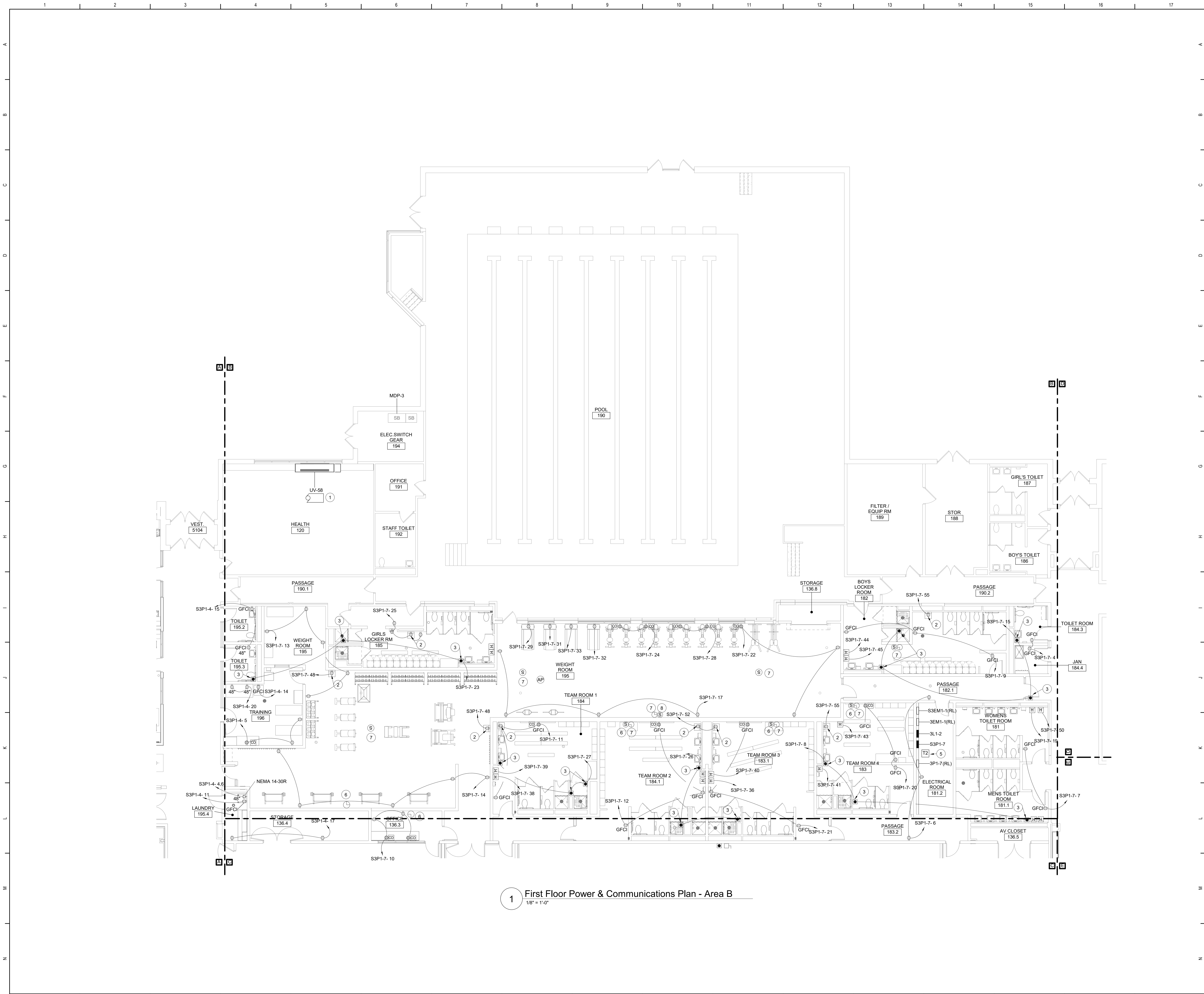


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Power & Communications
Plan - Partial Area A (South)

Drawn By: AEL Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003
AE161



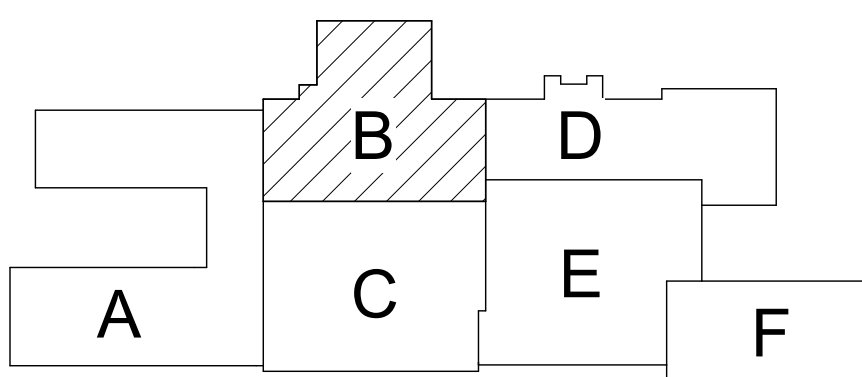
1 First Floor Power & Communications Plan - Area B
1/8" = 1'-0"

Keyed Notes

- 1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S. EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.
- 2 COORDINATE INSTALLATION OF GFCI RECEPTACLE FOR WATER COOLERS WITH PLUMBING CONTRACTOR.
- 3 COORDINATE ELECTRICAL CONNECTION TO HEAT TAPE CONTROLLER (ABOVE CEILING) WITH PLUMBING CONTRACTOR.
- 4 INSTALL PROTECTED ELECTRICAL BACKBOXES, BUSBARS, AND COVERS. SPLICE PROTECTED FEEDERS AND EXTEND TO NEW LOCATIONS WITH NEW WIRE AND CONDUIT.
- 5 INSTALL PROTECTED TRANSFORMER. RECONNECT TO S3P1-7.
- 6 REINSTALL WIRELESS CLOCKS PROTECTED DURING DEMOLITION. COORDINATE RECALIBRATION OF CLOCKS WITH EXISTING CLOCK SYSTEM WITH OWNER.
- 7 INSTALL NEW SPEAKER. FURNISHED BY OWNER. PROVIDE CAT6 WIRING TO SPEAKER FROM DATA RACK.
- 8 INSTALL WIRELESS CLOCK. FURNISHED BY OWNER. COORDINATE CALIBRATION OF CLOCK WITH EXISTING CLOCK SYSTEM WITH OWNER.
- 9 COORDINATE RECEPTACLE REQUIREMENTS WITH OWNER FURNISHED EQUIPMENT.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Power & Communications
Plan - Area B

Drawn By:
AEL/sas

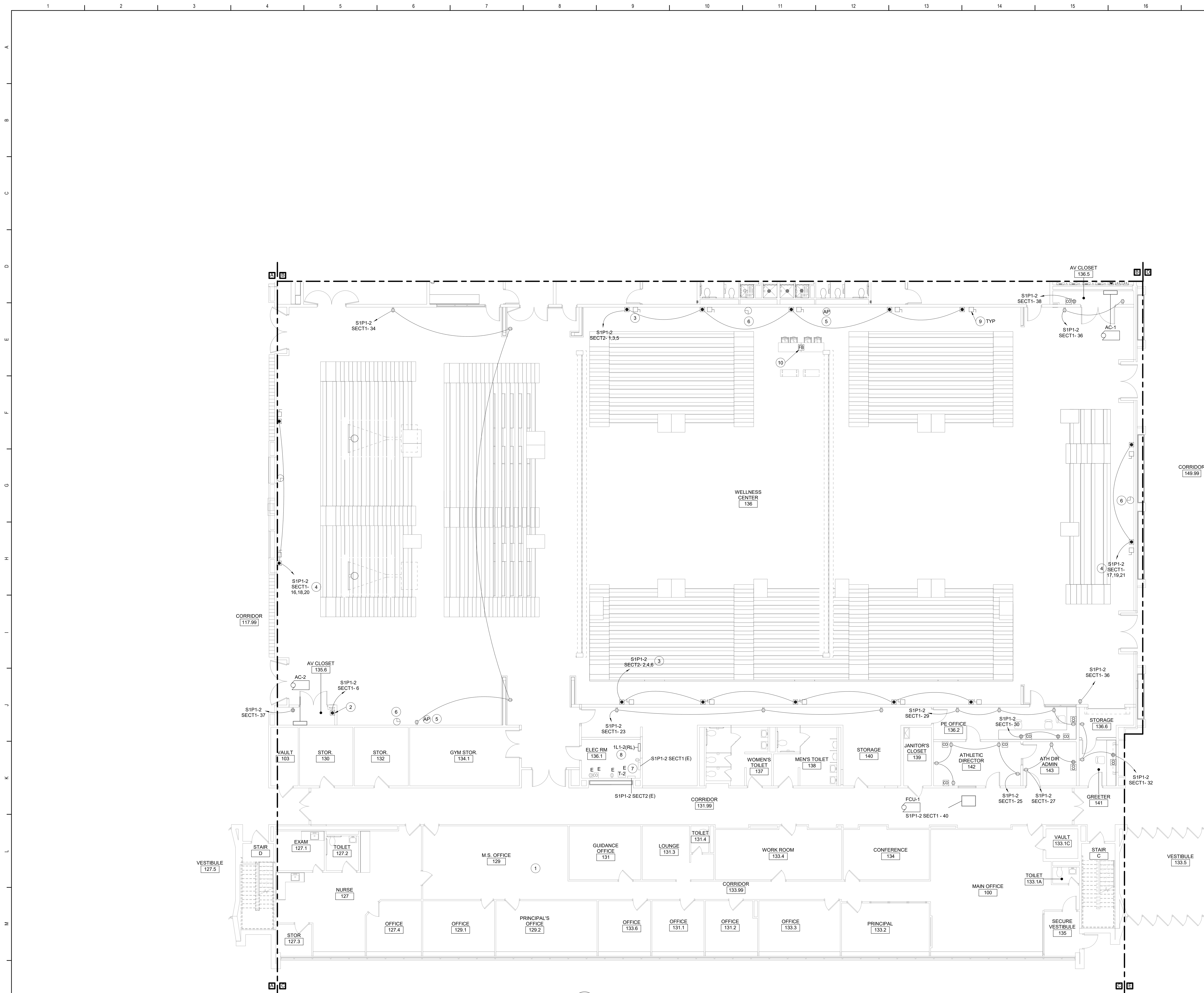
Date:
05/19/2023

Drawing Number:

Project No.:
339070-22003

AE162

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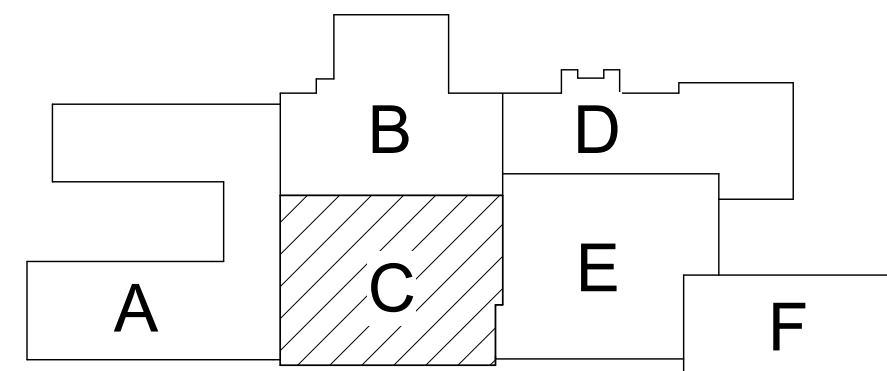
1 First Floor Power & Communications Plan - Area C
1/8" = 1'-0"

Keyed Notes

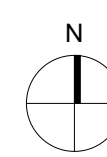
- 1 SPLICE CONDUCTORS AND EXTEND (4) LIGHTING CIRCUITS SERVING OFFICE AREA TO PANEL 1L1-1. WIRE SIZING FOR CIRCUIT SHALL BE MINIMUM (2) #12, #12G IN 3/4" C, AND SHALL MATCH EXISTING WIRE SIZE.
- 2 PROVIDE POWER TO CONTROL PANEL FOR BACKSTOPS. PROVIDE CAT6 CABLE FROM DATA RACK TO CONTROL PANEL.
- 3 RECONNECT PROTECTED CIRCUITS TO RELOCATED TELESOPING STANDS. EXTEND/MODIFY WIRING AS NECESSARY.
- 4 PROVIDE CONNECTION TO NEW TELESOPING STANDS FROM NEW BREAKERS IN EXISTING PANELS AS INDICATED.
- 5 PROVIDE (2) CAT6 CABLING TO EACH WIRELESS ACCESS POINT. INSTALL WAP FURNISHED BY OWNER. COORDINATE FINAL LOCATIONS WITH OWNER.
- 6 REINSTALL WIRELESS CLOCKS PROTECTED DURING DEMOLITION. COORDINATE RECALIBRATION OF CLOCKS WITH EXISTING CLOCK SYSTEM WITH OWNER.
- 7 REFER TO KEYED NOTE 2 ON AE161. PROVIDE 60A-3P UNFUSED DISCONNECT WITHIN SIGHT OF TRANSFORMER T-2 (FEEDING PANEL S1P2-SECTION 1). CONNECT EXISTING PRIMARY CONDUCTORS FROM TRANSFORMER TO LOAD SIDE OF SWITCH. EXTEND PRIMARY WIRING IN KIND TO PROVIDED BREAKER IN SWITCHBOARD. WIRING SHOULD MATCH EXISTING AND SIZED NO SMALLER THAN (3) #6, #10G IN 1" C.
- 8 REINSTALL PANEL 1L1-2. SPLICE AND EXTEND FEEDERS TO NEW LOCATION.
- 9 AT EACH CONNECTION TO A BLEACHER MOTOR, PROVIDE A 30A 208V-3PH UNFUSED DISCONNECT. COORDINATE TYPE AND LOCATION OF CONNECTION TO BLEACHER MOTORS WITH PRODUCT MANUFACTURER.
- 10 PROVIDE (4) 2" C WITH PULLSTRINGS FROM FLOOR BOX IN TRACK TO AUDIO/VIDEO RACK IN AV CLOSET 136.5 FOR VIDEOBOARD, SCOREBOARD, AND AUDIO CONNECTIONS. WIRING BY OTHERS. COORDINATE TERMINATIONS WITH VENDOR. COORDINATE FINAL FLOOR BOX LOCATION WITH OWNER.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Power & Communications
Plan - Area C

Drawn By:
AEL/sas
Project No.:
339070-22003

Date:
05/19/2023

Drawing Number:

AE163

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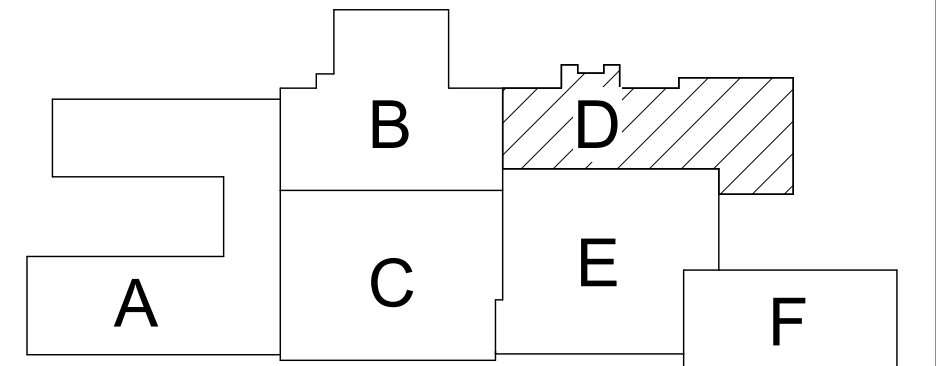
1 First Floor Power Plan - Area D
1/8" = 1'-0"

Keyed Notes

- 1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S. EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.
- 2 EXTEND WIRING FOR CIRCUITS FEEDING POOL LIGHTING AND POOL LIGHTING CONTACTOR. CONNECT TO EXISTING SPARE BREAKERS IN PANEL 2L1-3. REFER TO KEYED NOTE 15 ON SHEET AE101.
- 3 PROVIDE NEW 20A-3P BREAKER IN PANEL 2P1-3. EXTEND CIRCUIT FOR CIRCULATION PUMPS TO BREAKER. REFER TO KEYED NOTE 16 ON SHEET AE101.
- 4 REINSTALL DEVICES REMOVED FOR WALL TILING. RECONNECT TO PROTECTED WIRING.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

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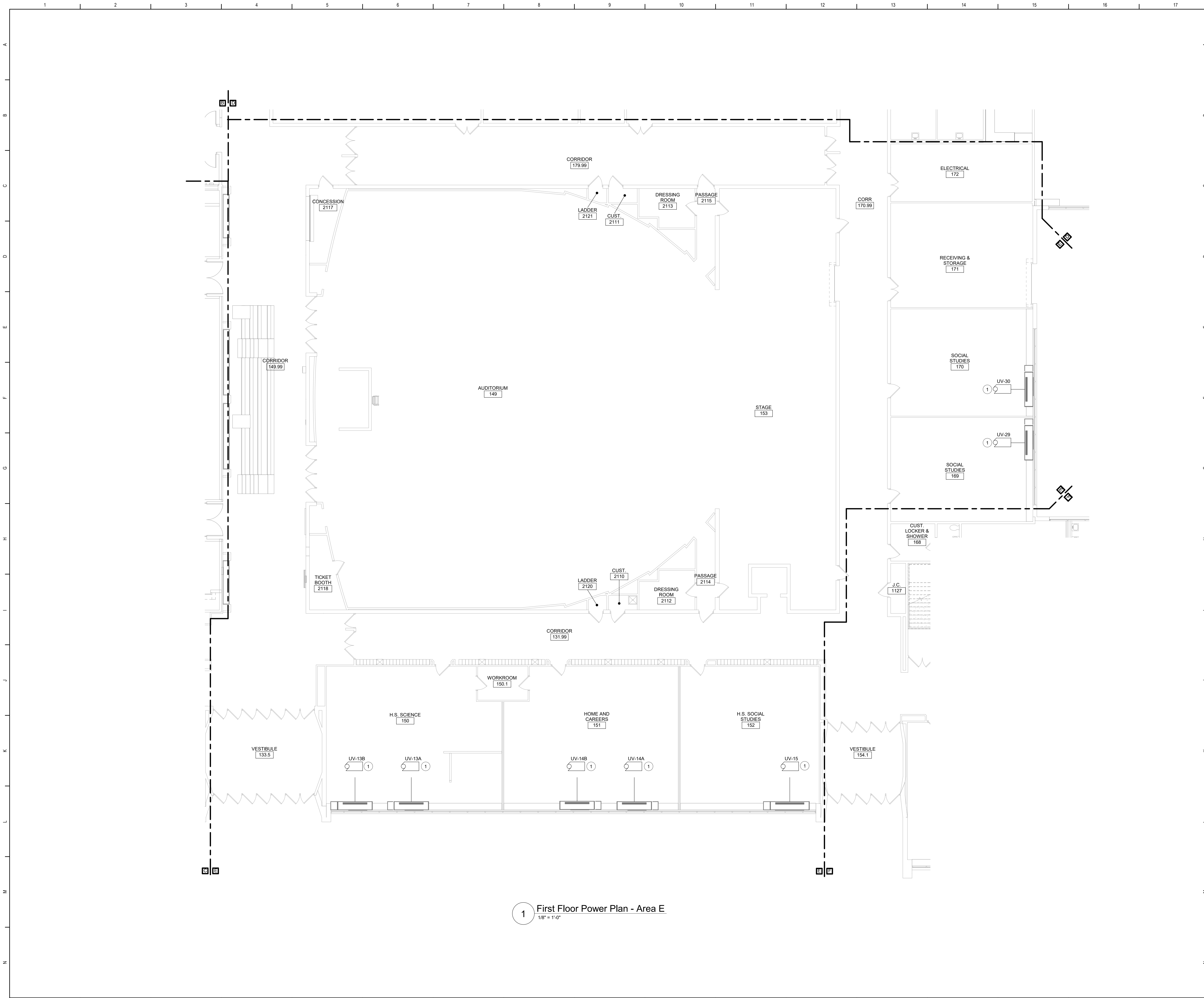
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ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Power Plan - Area D

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AE164	



1 First Floor Power Plan - Area E
1/8" = 1'-0"

Keyed Notes

1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S.
EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.

General Notes

A. FOR GENERAL NOTES, REFER TO DRAWING AE050.

Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:

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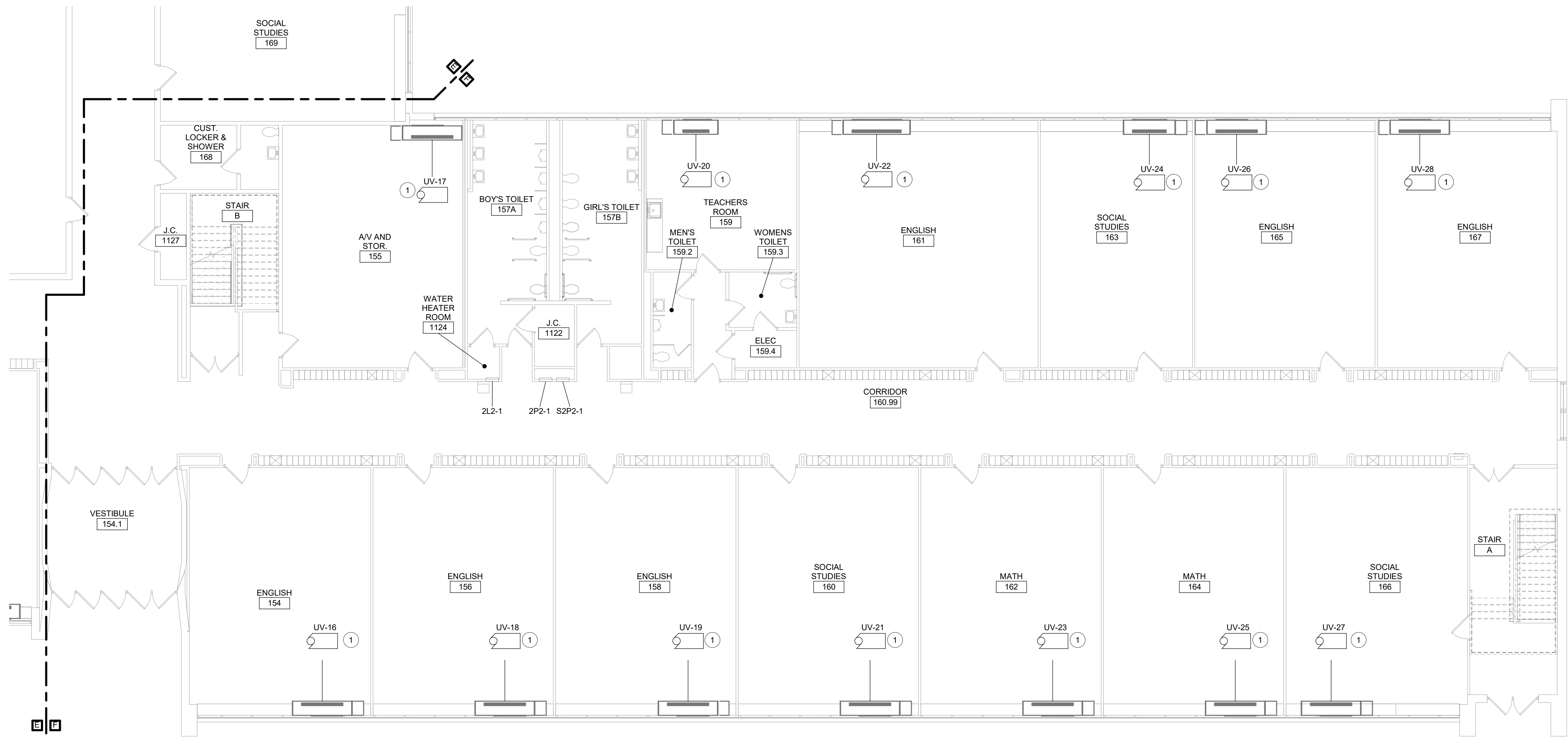
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Power Plan - Area E

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number: AE165
Project No.: 339070-22003		



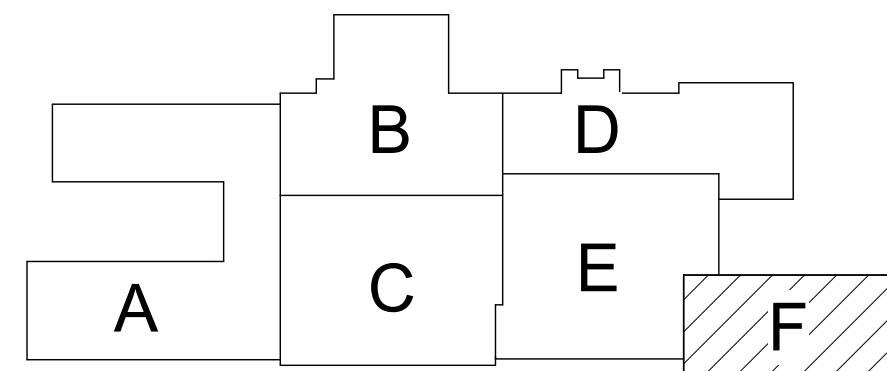
1 First Floor Power Plan - Area F
1/8" = 1'-0"

Keyed Notes

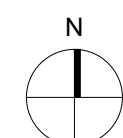
- 1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S.
EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.



Key Plan
N.T.S.



SED Control No. 60-01-01-06-0-018-023

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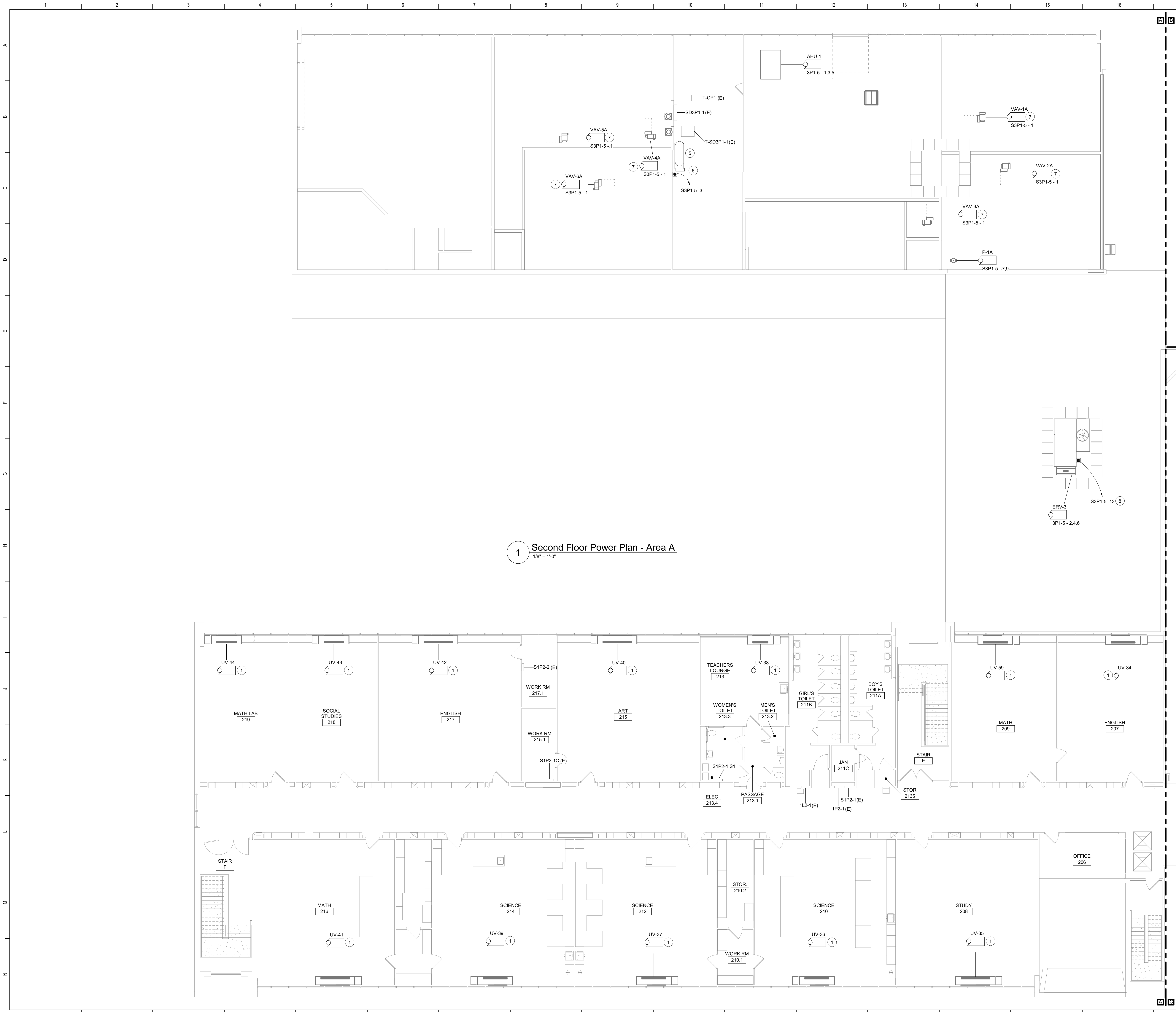


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Power Plan - Area F

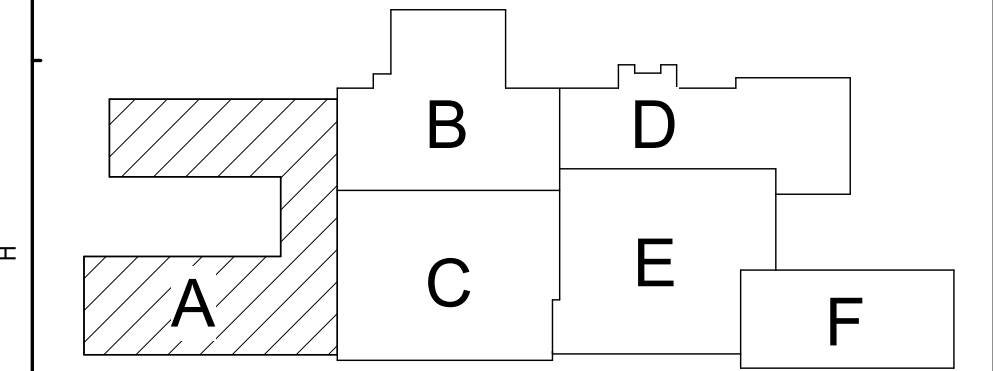
Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AE166



- Keyed Notes**
- 1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S. EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.
 - 2 PROVIDE NEW 20A-1P BREAKER IN PANEL 1P2-1. POWER UNIT VENTILATORS FROM BREAKER WITH (2) #12, #12G IN 3/4".
 - 3 RECONNECT EXISTING CIRCUITRY, PROTECTED DURING DEMOLITION, TO NEW RECEPTACLES.
 - 4 PROVIDE NEW 20A-1P BREAKER IN PANEL S1P2-1C. POWER DEVICES FROM BREAKERS WITH (2) #12, #12G IN 3/4".
 - 5 RECONNECT PROTECTED CIRCUITRY TO COMPRESSOR.
 - 6 PROVIDE CONNECTION TO AIR DRYER. POWER UNIT FROM EXISTING 20A-1P BREAKER IN PANEL S3P1-5.
 - 7 COORDINATE POWER TO VAV BOXES AND CONTROLLERS WITH TEMPERATURE CONTROL CONTRACTOR.
 - 8 PROVIDE CONNECTION TO INTEGRAL GFCI RECEPTACLE ON ERV-3.

General Notes

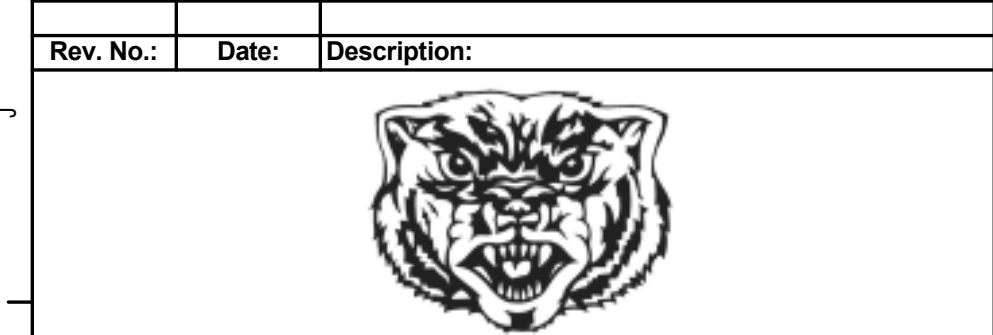
A. FOR GENERAL NOTES, REFER TO DRAWING AE050.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.	Date	Description



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ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Power Plan - Area A

Drawn By: AEL/sas Date: 05/19/2023 Drawing Number: AE167

Project No.: 339070-22003



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AEL/sas | Date:
05/19/2023 | Drawing Number:

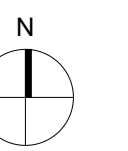
AE168 |
| Project No.:
339070-22003 | | |

Project No.:	339070-22003	AE168
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- 1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S. EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.
- 2 PROVIDE NEW 50A-3P BREAKER IN PANEL 2P2-3 FOR CONNECTION TO TRANSFORMER FEEDING PANEL SP2-3. REFER TO KEYED NOTE 3 ON SHEET AE168 FOR ASSOCIATED WORK CONNECTING TO PANEL. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND NOT EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
- 3 WALL FASTENERS AND ASSOCIATED HARDWARE IN THIS ROOM SHALL BE INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR ABATEMENT.

A. FOR GENERAL NOTES, REFER TO DRAWING AE050.



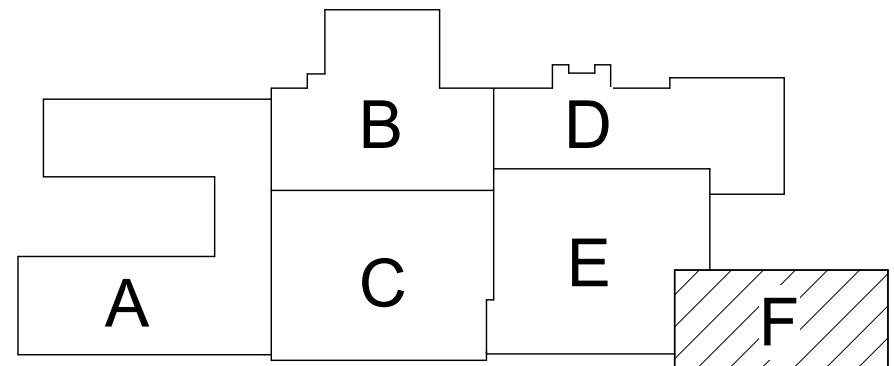


AE169

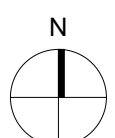


Keyed Notes

- 1 RECONNECT PROTECTED CIRCUITRY TO NEW UV'S. EXTEND/MODIFY CONDUIT AND WIRING AS NECESSARY.
- 2 PROVIDE NEW 50A-3P BREAKER IN PANEL 2P2-3 FOR CONNECTION TO TRANSFORMER FEEDING PANEL S1P2-3. REFER TO KEYED NOTE 3 ON SHEET AE168 FOR ASSOCIATED WORK CONNECTING TO PANEL. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.



Key Plan
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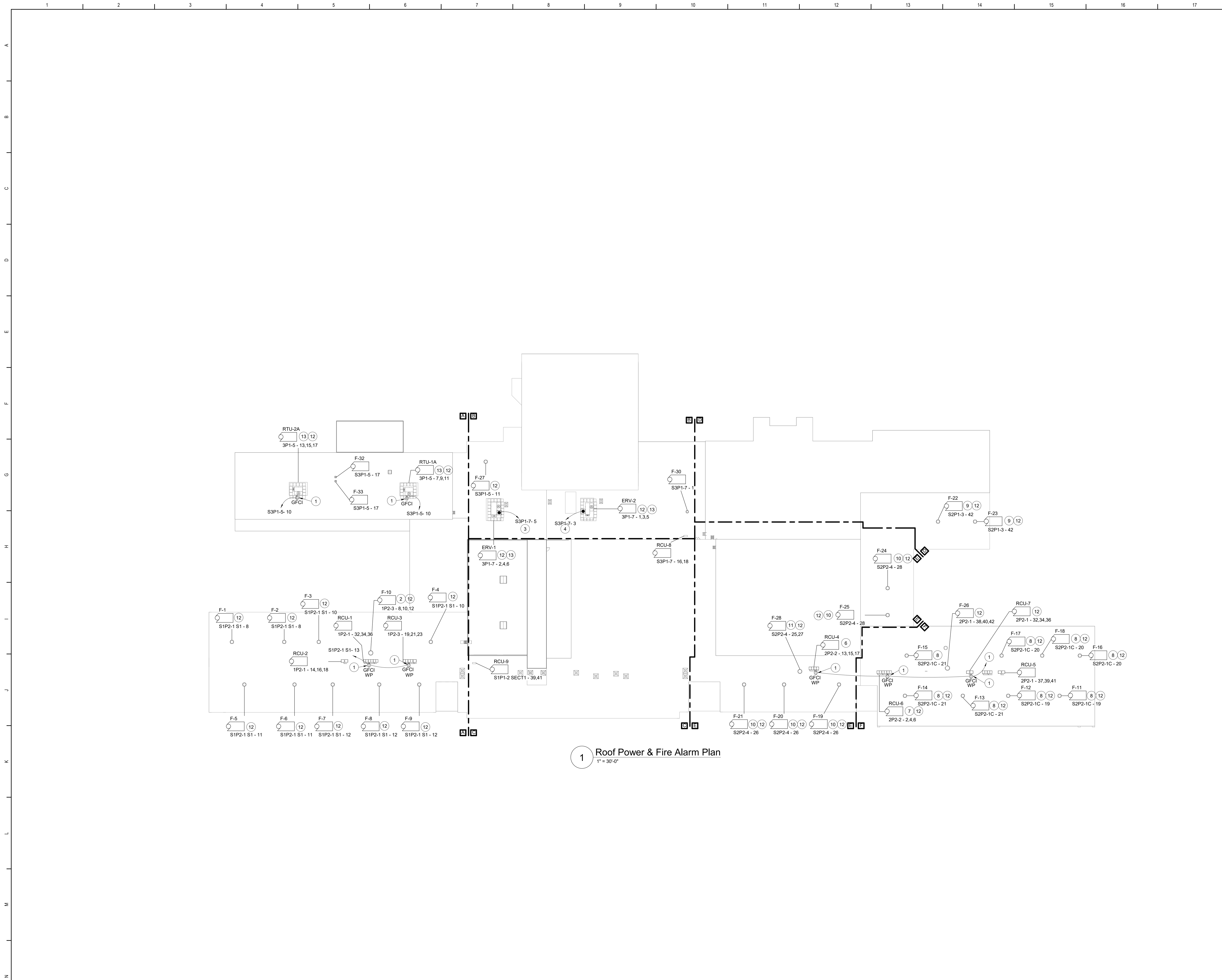


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Power Plan - Area F

Drawn By: AEL	Date: 05/19/2023	Drawing Number: AE170
Project No.: 339070-22003		



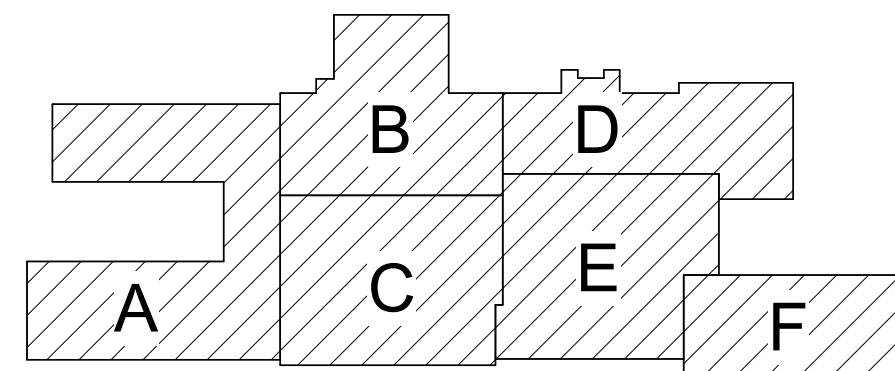
1 Roof Power & Fire Alarm Plan
1" = 30'-0"

Keyed Notes

- 1 PROVIDE WEATHERPROOF GFCI RECEPTACLE WITHIN 25' EQUIPMENT. PROVIDE 20A-1P BREAKER IN PANEL S2P2-3 IN SR HIGH MECHANICAL 258. COORDINATE MOUNTING OF RECEPTACLE WITH MECHANICAL CONTRACTOR.
- 2 CONNECT TO VFD FOR FAN F-10 FROM EXISTING 20A-3P SPARE BREAKER IN PANEL 1P2-3. REFER TO PANEL SCHEDULE ON AE603 FOR WIRE SIZING.
- 3 PROVIDE CONNECTION TO INTEGRAL GFCI RECEPTACLE ON ERV-1.
- 4 PROVIDE CONNECTION TO INTEGRAL GFCI RECEPTACLE ON ERV-2.
- 5 PROVIDE (3) 25A-3P BREAKERS IN PANEL 1P2-1. PROVIDE (3) CONNECTIONS TO RCU-1 FROM BREAKERS. REFER TO PANEL SCHEDULE ON SHEET AE602 FOR WIRE SIZING. UPDATE PANELBOARD SCHEDULE WITH NEW LOAD INFORMATION.
- 6 PROVIDE 50A-3P BREAKER IN PANEL 2P2-2 IN SR HIGH MECHANICAL 258. POWER RCU-4 FROM BREAKER. REFER TO PANEL SCHEDULE ON AE602 FOR WIRE SIZING. UPDATE PANELBOARD SCHEDULE WITH NEW LOAD INFORMATION.
- 7 PROVIDE (3) 25A-3P BREAKERS IN PANEL 2P2-2. PROVIDE (3) CONNECTIONS TO RCU-1 FROM BREAKERS. REFER TO PANEL SCHEDULE ON SHEET AE602 FOR WIRE SIZING. UPDATE PANELBOARD SCHEDULE WITH NEW LOAD INFORMATION.
- 8 PROVIDE (3) 20A-1P BREAKERS IN PANEL S2P2-1C IN PREP 273.2. POWER FANS AS INDICATED. UPDATE PANELBOARD SCHEDULE WITH NEW LOAD INFORMATION.
- 9 PROVIDE 20A-1P BREAKER IN PANEL S2P1-3 IN CORRIDOR 176.99. POWER FANS AS INDICATED. UPDATE PANELBOARD SCHEDULE WITH NEW LOAD INFORMATION.
- 10 PROVIDE (2) 20A-1P BREAKERS IN PANEL S2P2-4 IN SR HIGH MECHANICAL ROOM 258. POWER FANS AS INDICATED. UPDATE PANELBOARD SCHEDULE WITH NEW LOAD INFORMATION.
- 11 PROVIDE 20A-2P BREAKER IN PANEL S2P2-4 IN SR HIGH MECHANICAL ROOM 258. POWER FAN AS INDICATED. UPDATE PANELBOARD SCHEDULE WITH NEW LOAD INFORMATION.
- 12 PROVIDE SHUTDOWN RELAY AND WIRE TO EXISTING FIRE ALARM SYSTEM. WIRE MOTOR CONTROLLER TO FAN SHUTDOWN RELAY.
- 13 PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AND RETURN DUCT. CONNECT INTO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.

GENERAL NOTES:

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.



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Waverly Central School District
Waverly, NY

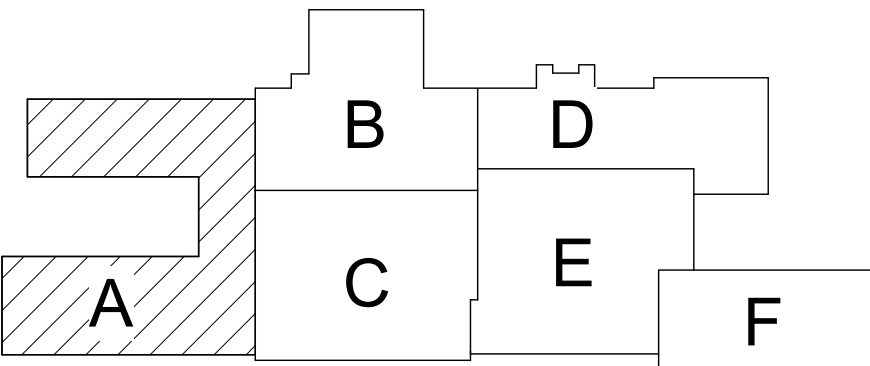
Additions and Alterations to:
Waverly Jr. Sr. High School

Roof Power & Fire Alarm Plan

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AE171	



- ## General Notes
- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B. ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
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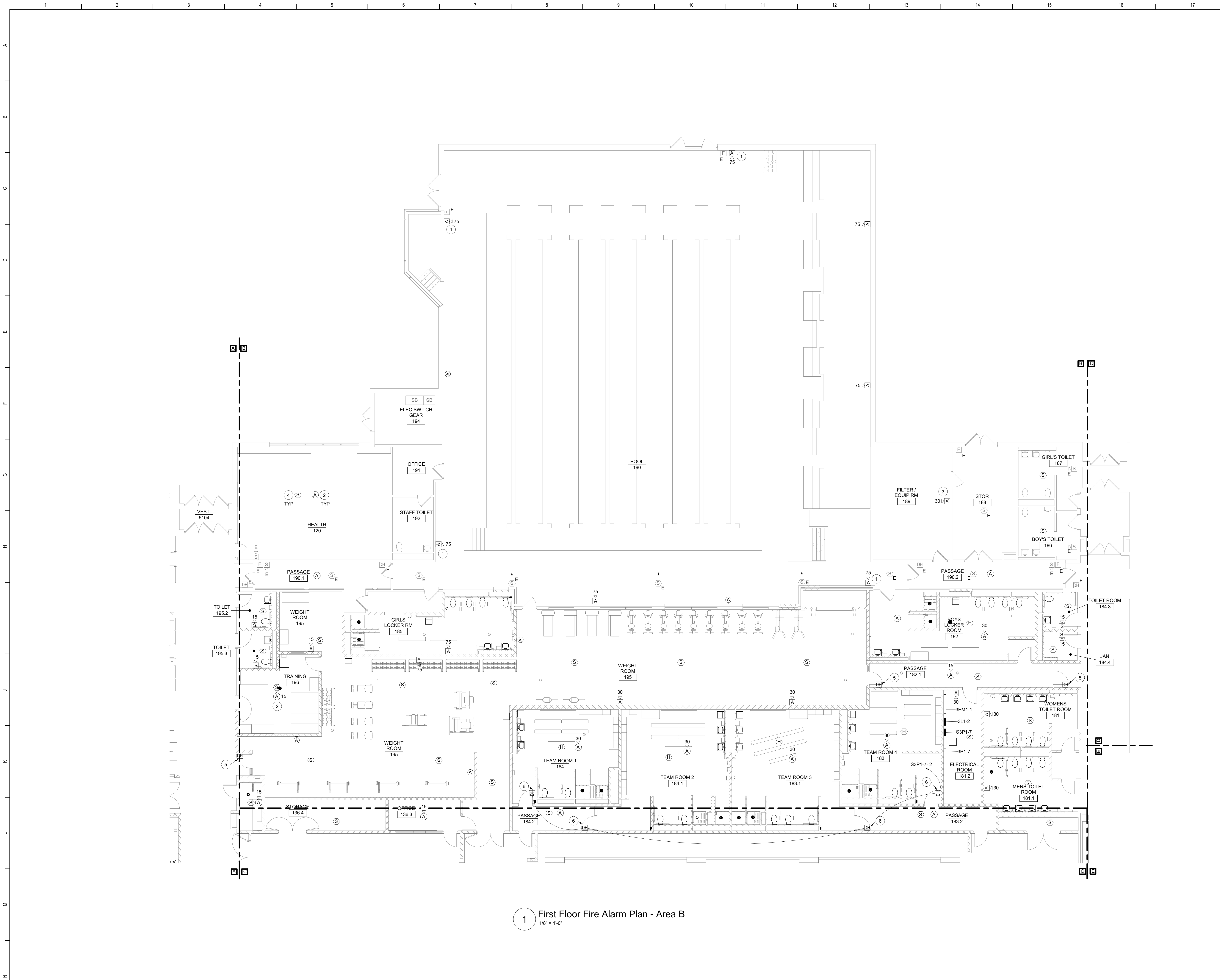


Waverly Central School District
Waverly, NY

Additions and Alterations to: Waverly Jr. Sr. High School

First Floor Fire Alarm Plan - Area A

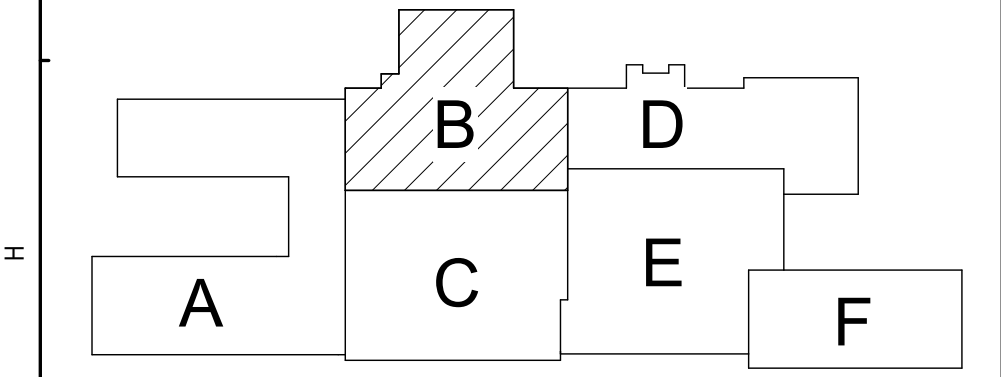
Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number: AE200
Project No.: 339070-22003		



1 First Floor Fire Alarm Plan - Area B
1/8" = 1'-0"

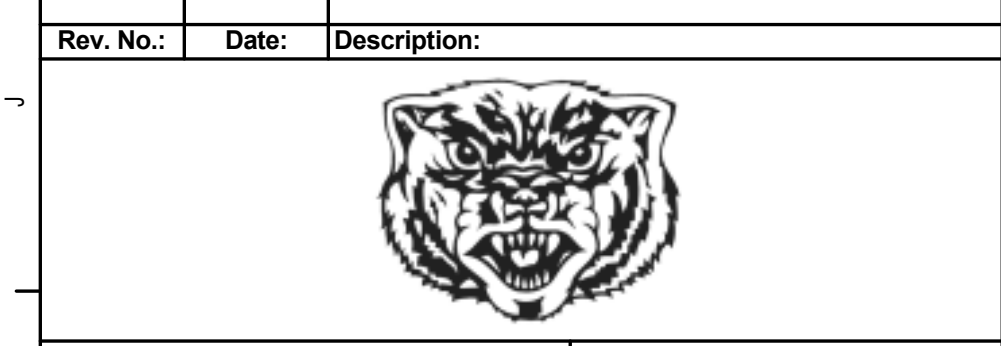
- Keyed Notes**
- 1 PROVIDE FIRE ALARM SPEAKER STROBE DEVICE. RECONNECT STROBE TO PROTECTED FIRE ALARM WIRING. WIRE SPEAKER TO VOICE NOTIFICATION LOOP.
 - 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
 - 3 WALL FASTENERS AND ASSOCIATED HARDWARE IN THIS ROOM SHALL BE INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR ABATEMENT.
 - 4 SMOKE AND HEAT DETECTORS ARE PROVIDED IN STUDENT OCCUPIED SPACES. AS INDICATED, IN ACCORDANCE WITH THE RECOMMENDATION OF THE 2022 NYS ED MANUAL OF PLANNING STANDARDS. CONNECT TO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING.
 - 5 INSTALL FURNISHED DOOR HOLDERS. WIRE INDICATED DOOR HOLDERS TO FIRE ALARM DOOR HOLDER CIRCUIT.
 - 6 INSTALL FURNISHED DOOR HOLDERS. POWER DOOR HOLDERS FROM CIRCUIT AS INDICATED.

- General Notes**
- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
B ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023



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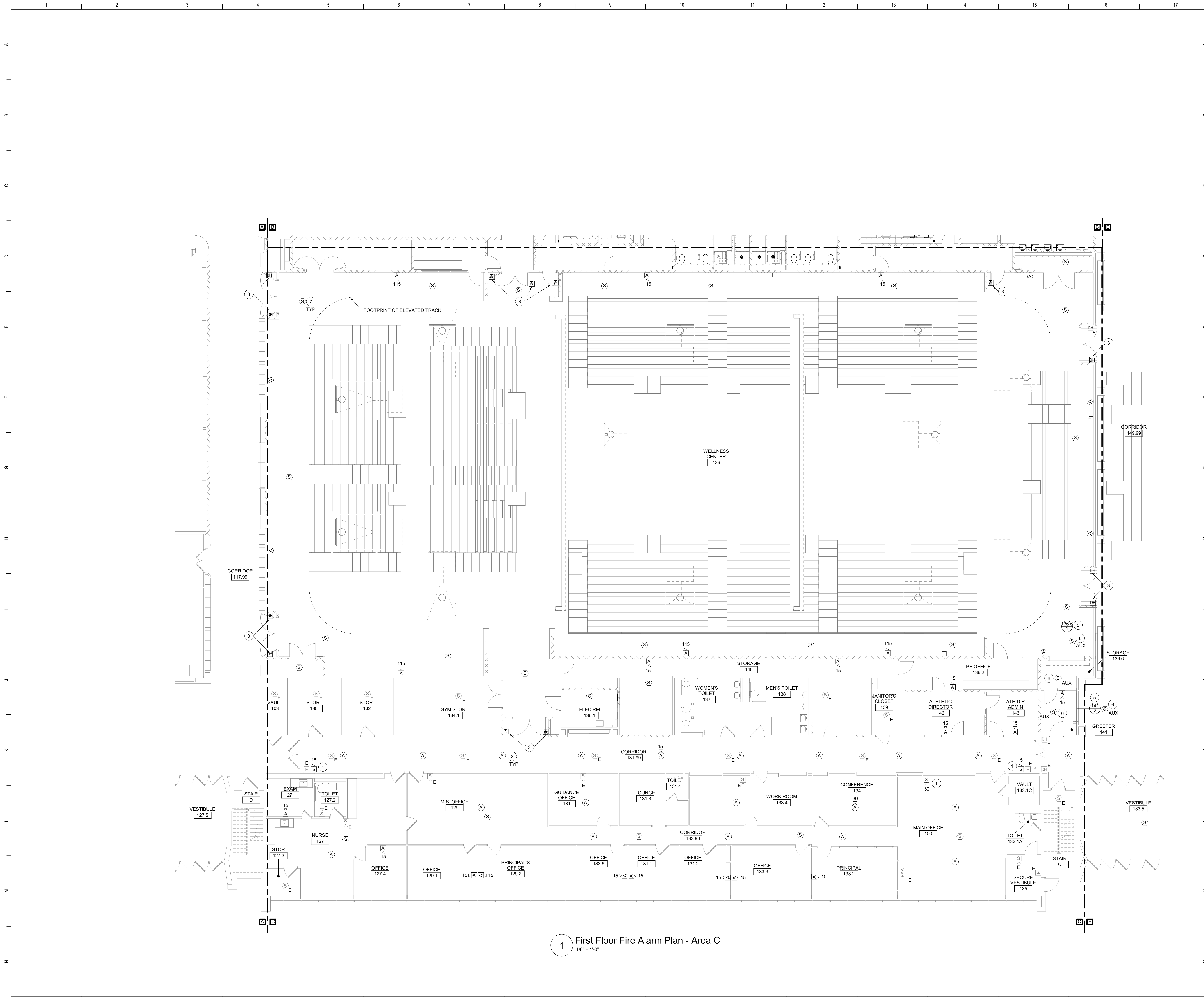


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Fire Alarm Plan - Area B

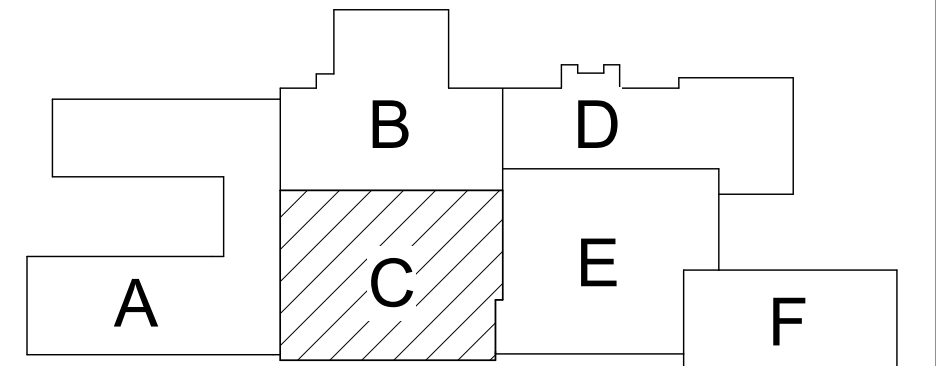
Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AE201



1 First Floor Fire Alarm Plan - Area C
1/8" = 1'-0"

- Keyed Notes**
- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
 - 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
 - 3 INSTALL FURNISHED DOOR HOLDERS. WIRE INDICATED DOOR HOLDERS TO FIRE ALARM DOOR HOLDER CIRCUIT.
 - 4 INSTALL FURNISHED DOOR HOLDERS. POWER DOOR HOLDERS FROM CIRCUIT AS INDICATED.
 - 5 PROVIDE 24V CONNECTION FROM FIRE ALARM PANEL TO FIRE DOOR OPERATOR ON MANUAL COILING DOOR ON GREETER 141.
 - 6 PROVIDE DETECTORS WITH AUXILIARY RELAY AT INDICATED LOCATIONS. PROVIDE CONNECTION BETWEEN AUXILIARY RELAY AND FIRE SHUTTER DOOR RELEASE.
 - 7 PROVIDE DETECTOR MOUNTED TO UNDERSIDE OF ELEVATED TRACK.

- General Notes**
- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
B ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
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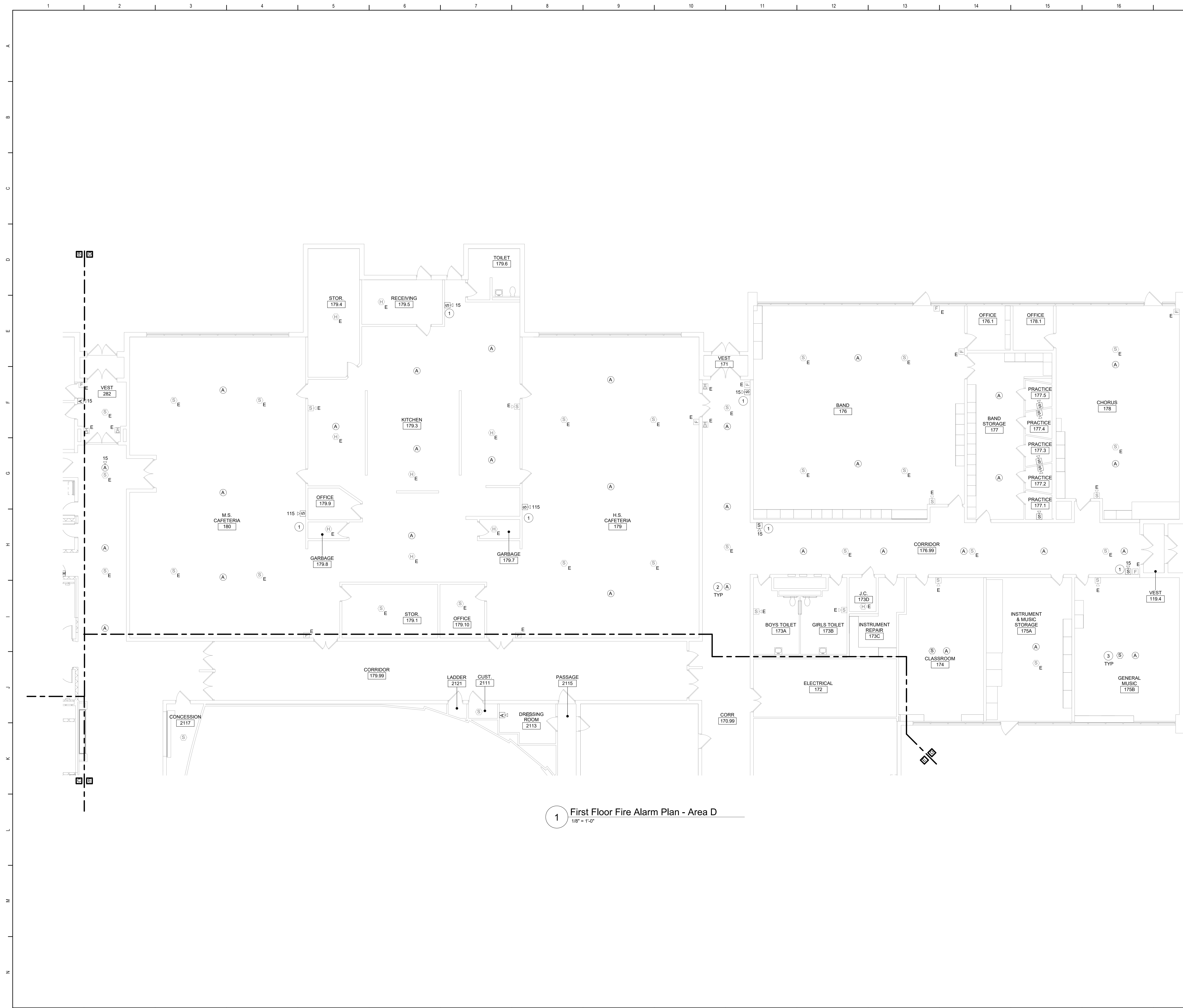


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

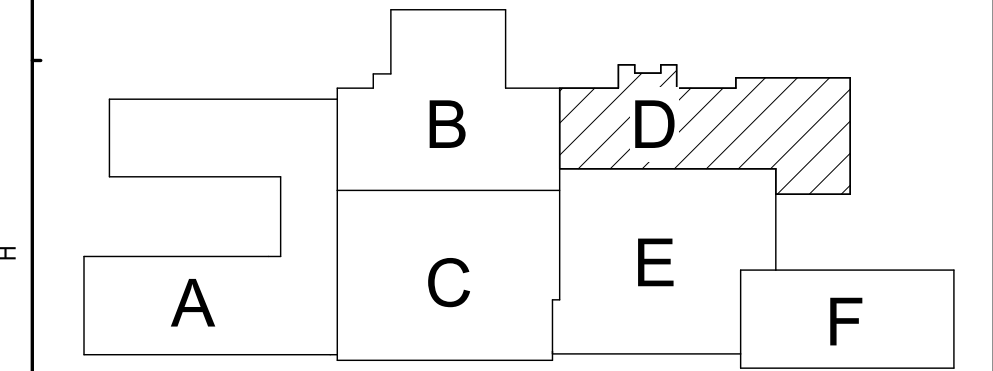
First Floor Fire Alarm Plan - Area C

Drawn By: AEL/sas Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003
AE202



- Keyed Notes**
- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
 - 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
 - 3 SMOKE AND HEAT DETECTORS ARE PROVIDED IN STUDENT OCCUPIED SPACES, AS INDICATED, IN ACCORDANCE WITH THE RECOMMENDATION OF THE 2022 NYSFD MANUAL OF PLANNING STANDARDS. CONNECT TO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING.

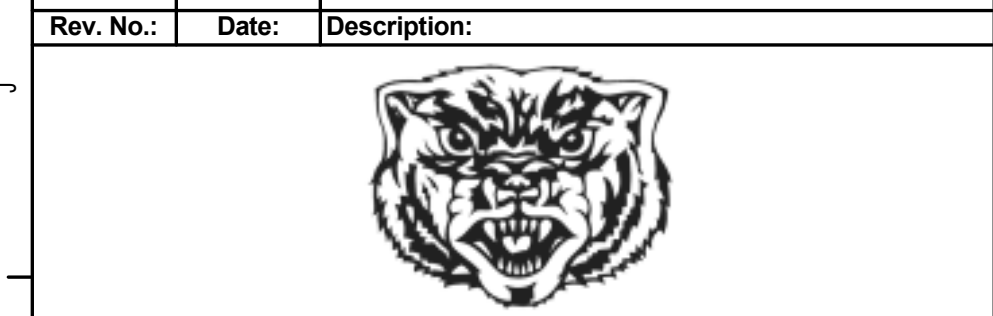
- General Notes**
- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
 - B ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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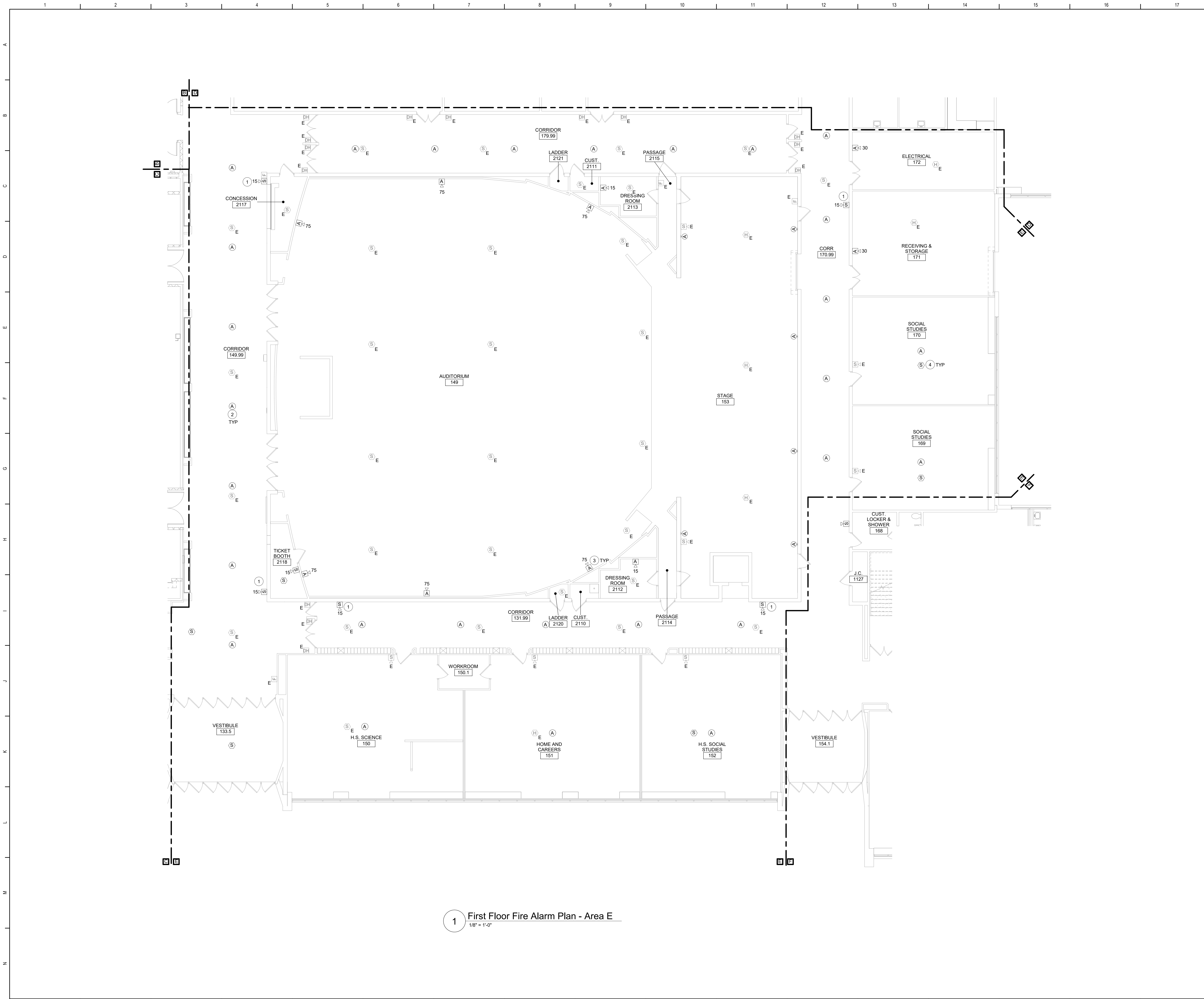


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Fire Alarm Plan - Area D

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AE203	

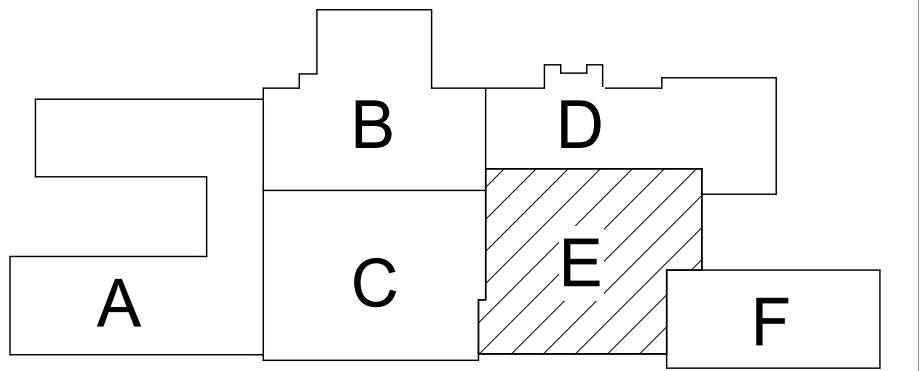


Keyed Notes

- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
- 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
- 3 WALL-MOUNTED SPEAKER STROBES SHALL TIE INTO EXISTING NOTIFICATION LOOP AND NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING.
- 4 SMOKE AND HEAT DETECTORS ARE PROVIDED IN STUDENT OCCUPIED SPACES, AS INDICATED, IN ACCORDANCE WITH THE RECOMMENDATION OF THE 2022 NYSED MANUAL OF PLANNING STANDARDS. CONNECT TO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING.

General Notes

- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
- B ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
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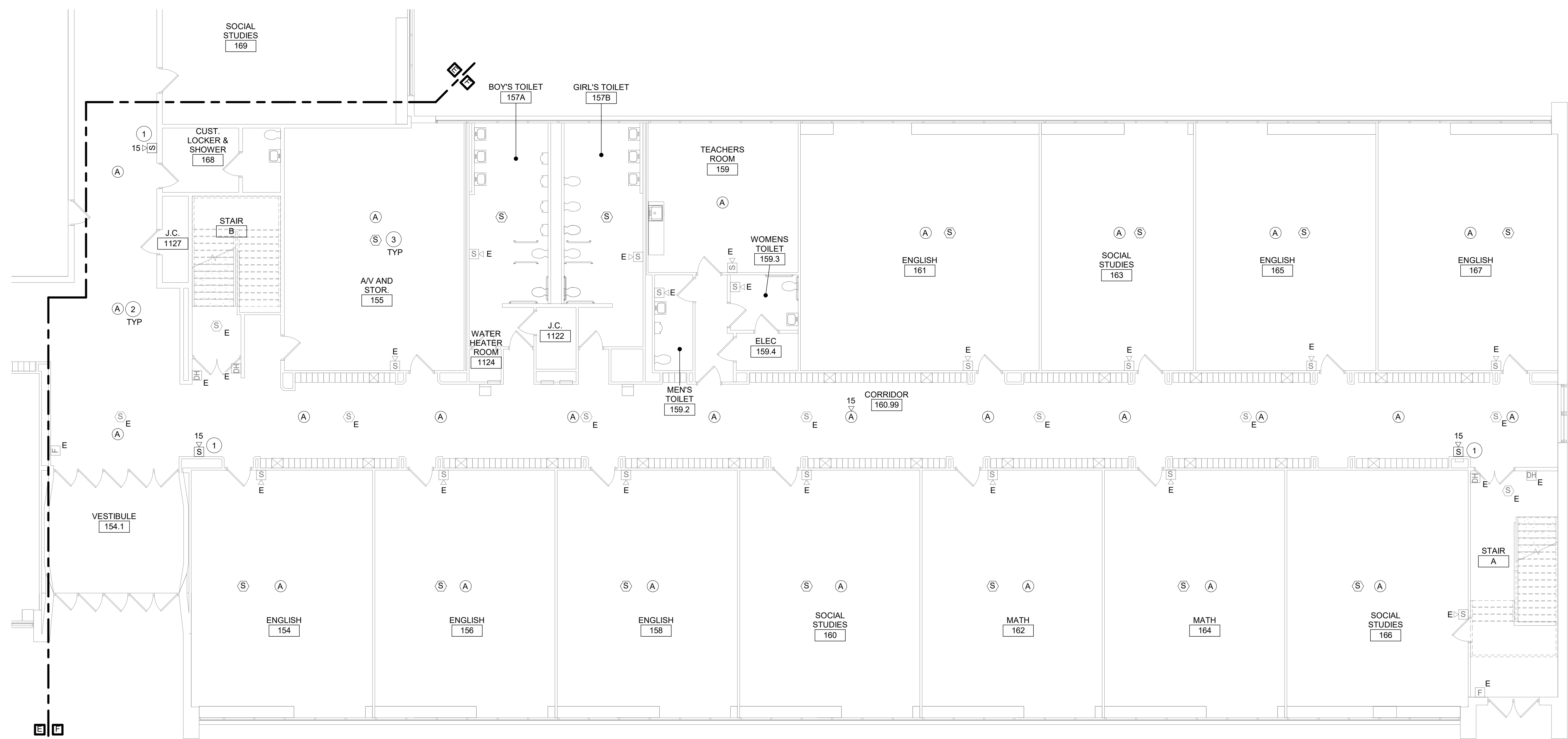


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Fire Alarm Plan - Area E

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AE204	



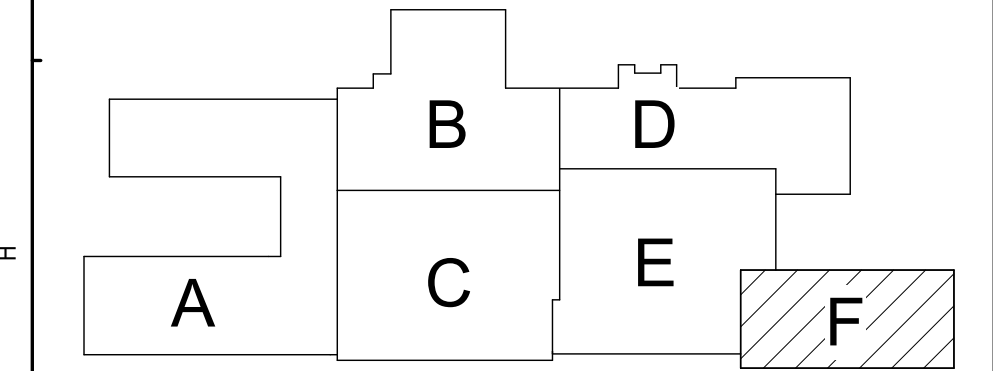
1 First Floor Fire Alarm Plan - Area F
1/8" = 1'-0"

Keyed Notes

- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
- 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
- 3 SMOKE AND HEAT DETECTORS ARE PROVIDED IN STUDENT OCCUPIED SPACES, AS INDICATED, IN ACCORDANCE WITH THE RECOMMENDATION OF THE 2022 NYSSED MANUAL OF PLANNING STANDARDS. CONNECT TO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING.

General Notes

- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
B ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
N.T.S.

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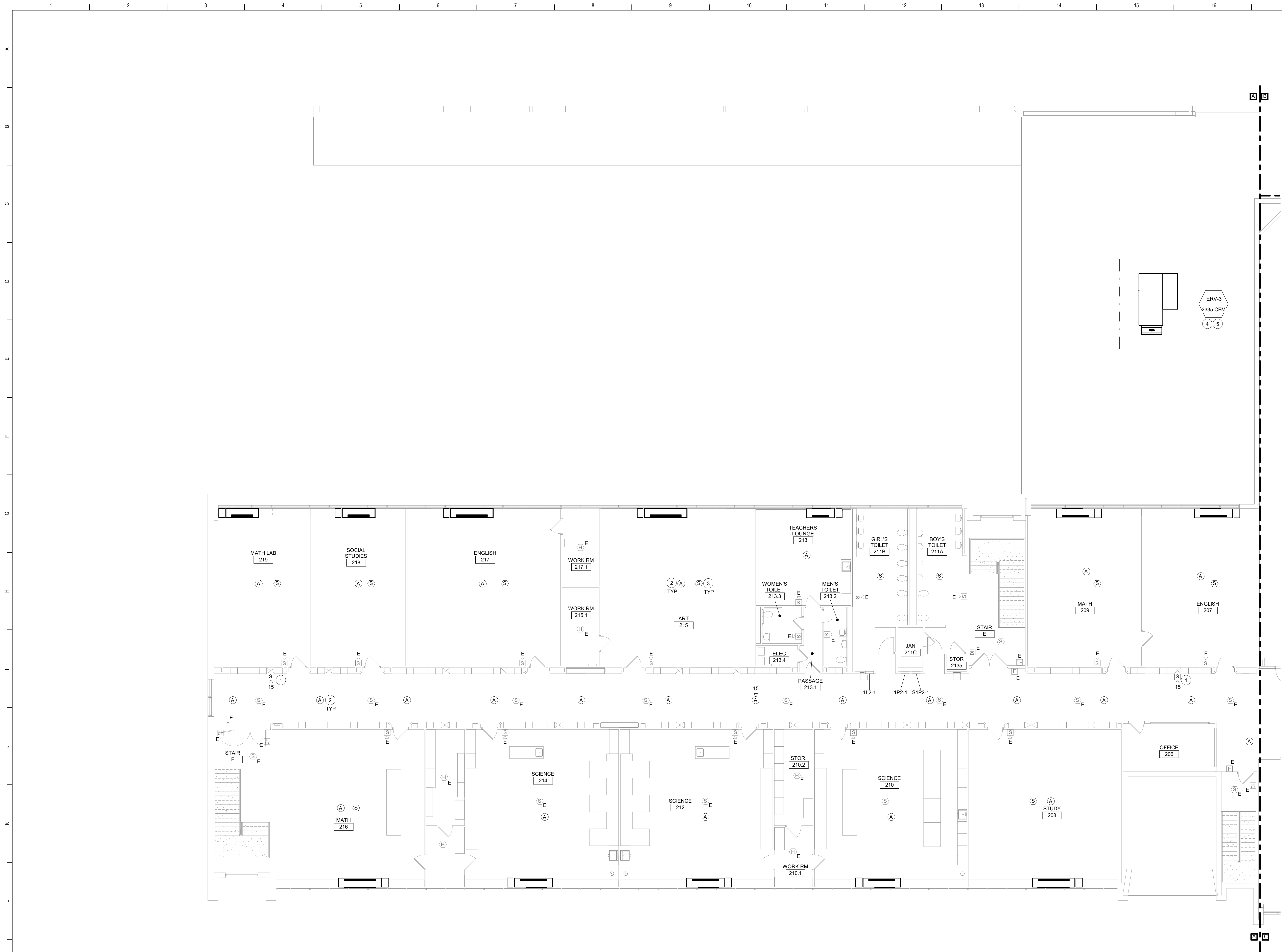


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Fire Alarm Plan - Area F

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AE205



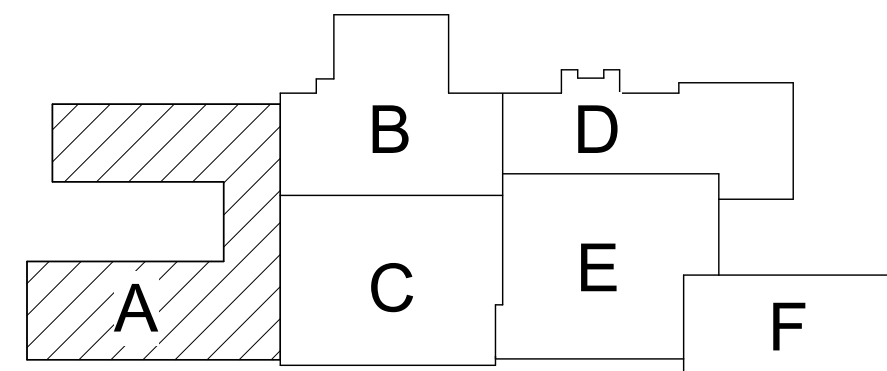
1 Second Floor Fire Alarm Plan - Area A
1/8" = 1'-0"

Keyed Notes

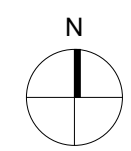
- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
- 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
- 3 SMOKE AND HEAT DETECTORS ARE PROVIDED IN STUDENT OCCUPIED SPACES, AS INDICATED, IN ACCORDANCE WITH THE RECOMMENDATION OF THE 2022 NYS ED MANUAL OF PLANNING STANDARDS. CONNECT TO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING.
- 4 PROVIDE SHUTDOWN RELAY AND WIRE TO EXISTING FIRE ALARM SYSTEM. WIRE MOTOR CONTROLLER TO FAN SHUTDOWN RELAY.
- 5 PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AND RETURN DUCT. CONNECT INTO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.

General Notes

- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
B ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Fire Alarm Plan - Area A

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AE206

2 Second Floor Fire Alarm Plan - Mechanical 300
1/8" = 1'-0"

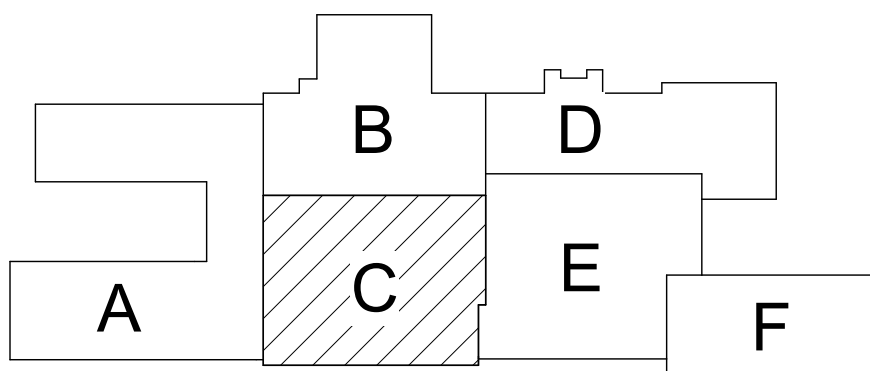
1 Second Floor Fire Alarm Plan - Area C
1/8" = 1'-0"

Keyed Notes

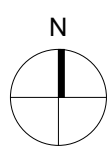
- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
- 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
- 3 PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AND RETURN DUCTS OF AHU's. CONNECT INTO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. COORDINATE INSTALLATION WITH MECHANICAL CONTRACTOR.
- 4 PROVIDE SHUTDOWN RELAY AND WIRE TO EXISTING FIRE ALARM SYSTEM. WIRE MOTOR CONTROLLER TO FAN SHUTDOWN RELAY.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
B. ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Fire Alarm Plan - Area C

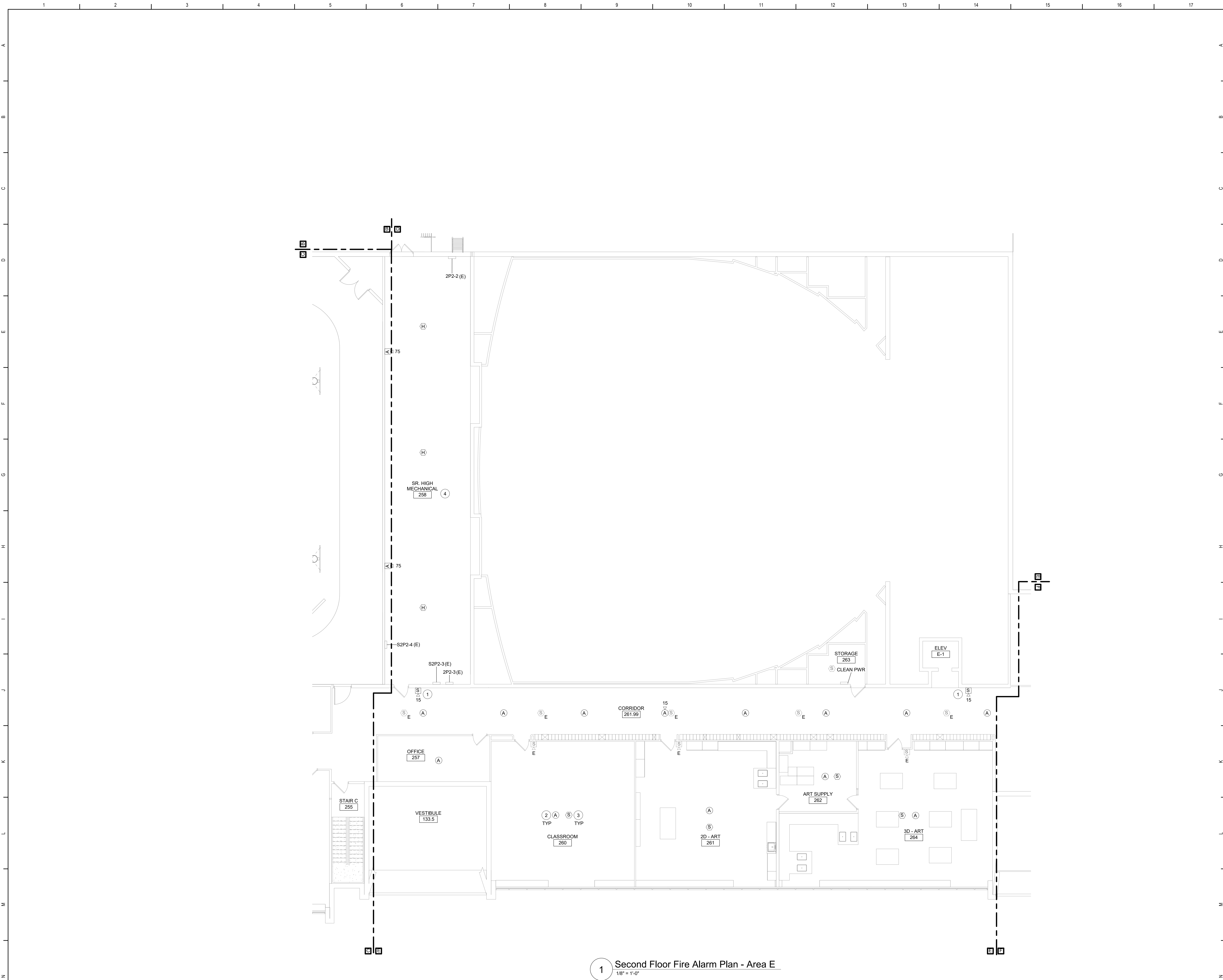
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AEL/sas

Date:
05/19/2023

Drawing Number:

Project No.:
339070-22003

AE207



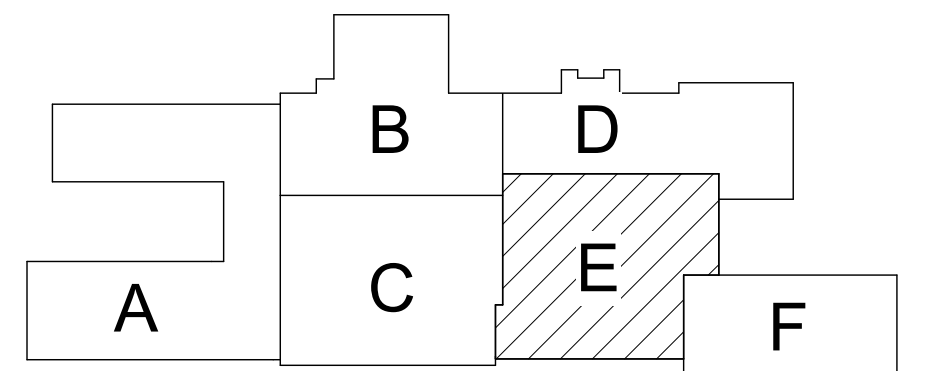
1 Second Floor Fire Alarm Plan - Area E
1/8" = 1'-0"

Keyed Notes

- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
- 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
- 3 SMOKE AND HEAT DETECTORS ARE PROVIDED IN STUDENT OCCUPIED SPACES. AS INDICATED, IN ACCORDANCE WITH THE RECOMMENDATION OF THE 2022 NYSFD MANUAL OF PLANNING STANDARDS. CONNECT TO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING.
- 4 WALL FASTENERS AND ASSOCIATED HARDWARE IN THIS ROOM SHALL BE INSTALLED BY THE CONTRACTOR RESPONSIBLE FOR ABATEMENT.

General Notes

- A FOR GENERAL NOTES, REFER TO DRAWING AE050.
B ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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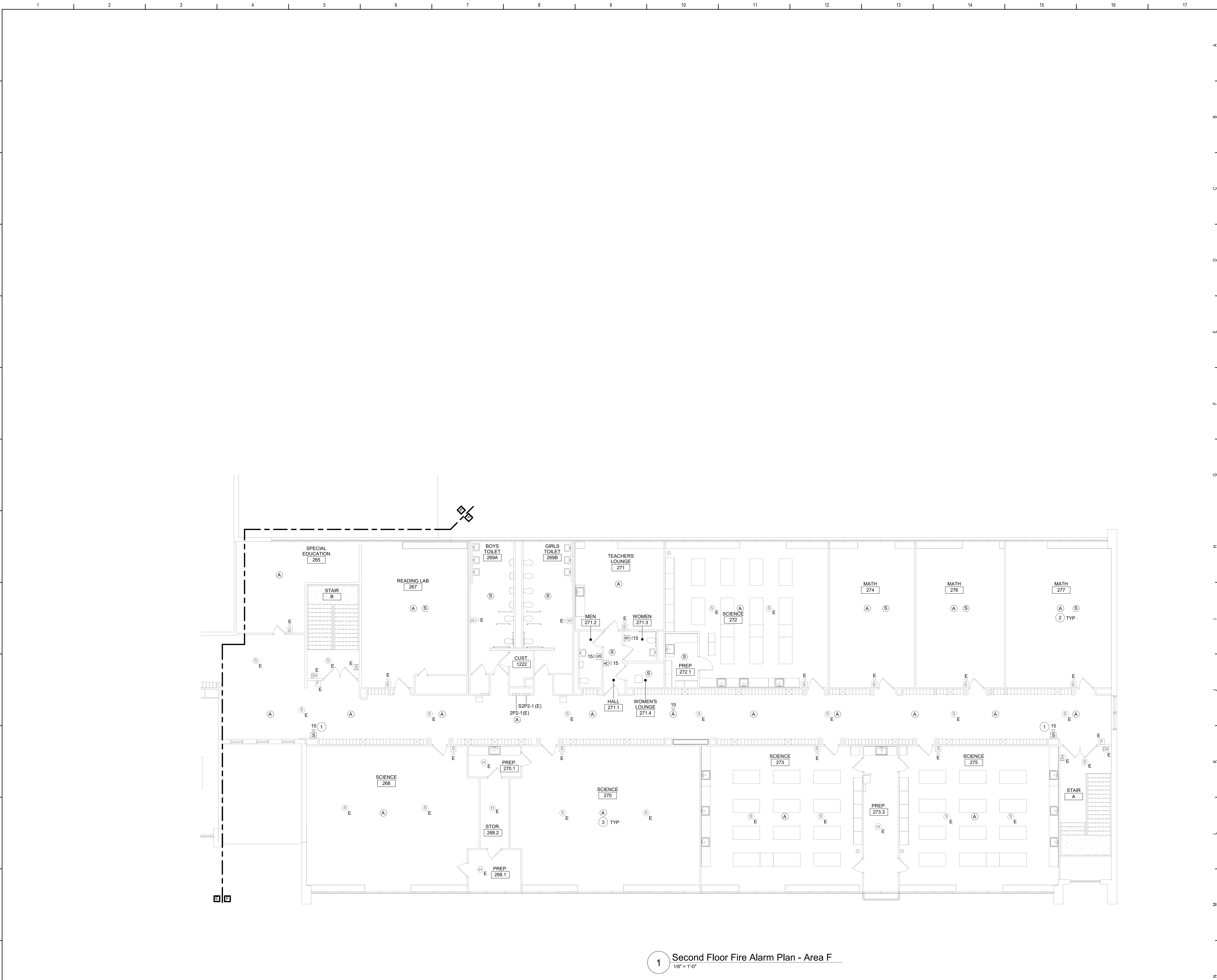


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Fire Alarm Plan - Area E

Drawn By: AEL/sas	Date: 05/19/2023	Drawing Number: AE208
Project No.: 339070-22003		



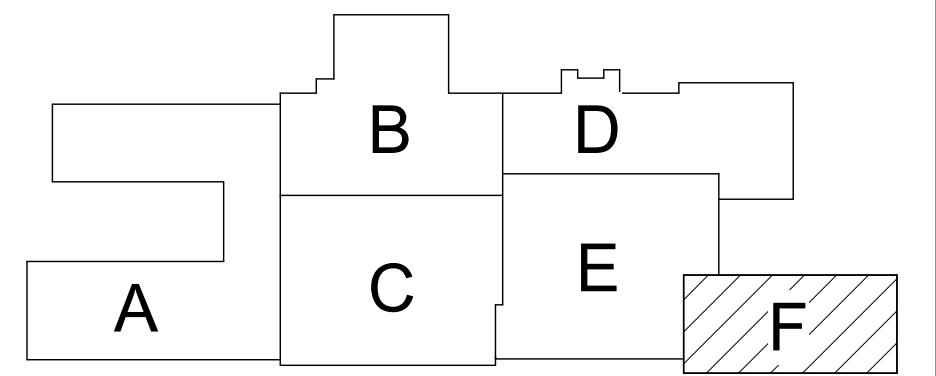
1 Second Floor Fire Alarm Plan - Area F
1/8" = 1'-0"

Keyed Notes

- 1 PROVIDE FIRE ALARM STROBE DEVICE. RECONNECT TO PROTECTED FIRE ALARM WIRING.
- 2 PROVIDE CEILING-MOUNTED SPEAKER. CONNECT TO NEW VOICE MODULE AT EXISTING FIRE ALARM PANEL WITH NEW WIRING. COORDINATE ALL LOCATIONS WITH EXISTING CEILING DEVICES.
- 3 SMOKE AND HEAT DETECTORS ARE PROVIDED IN STUDENT OCCUPIED SPACES. AS INDICATED, IN ACCORDANCE WITH THE RECOMMENDATION OF THE 2022 NYS ED MANUAL OF PLANNING STANDARDS. CONNECT TO EXISTING FIRE ALARM SYSTEM WITH NEW WIRING.

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE050.
B. ALL NEW FIRE ALARM DEVICES SHALL TIE INTO THE EXISTING FIRE ALARM SYSTEM WITH NEW WIRING. RELOCATED FIRE ALARM DEVICES SHALL BE CONNECTED TO THE EXISTING WIRING, EXTENDING THE EXISTING WIRING AS NECESSARY.



Key Plan
N.T.S.

SED Control No. 60-01-01-06-0-018-023

Rev. No.	Date	Description

Rev. No.: Date: Description:



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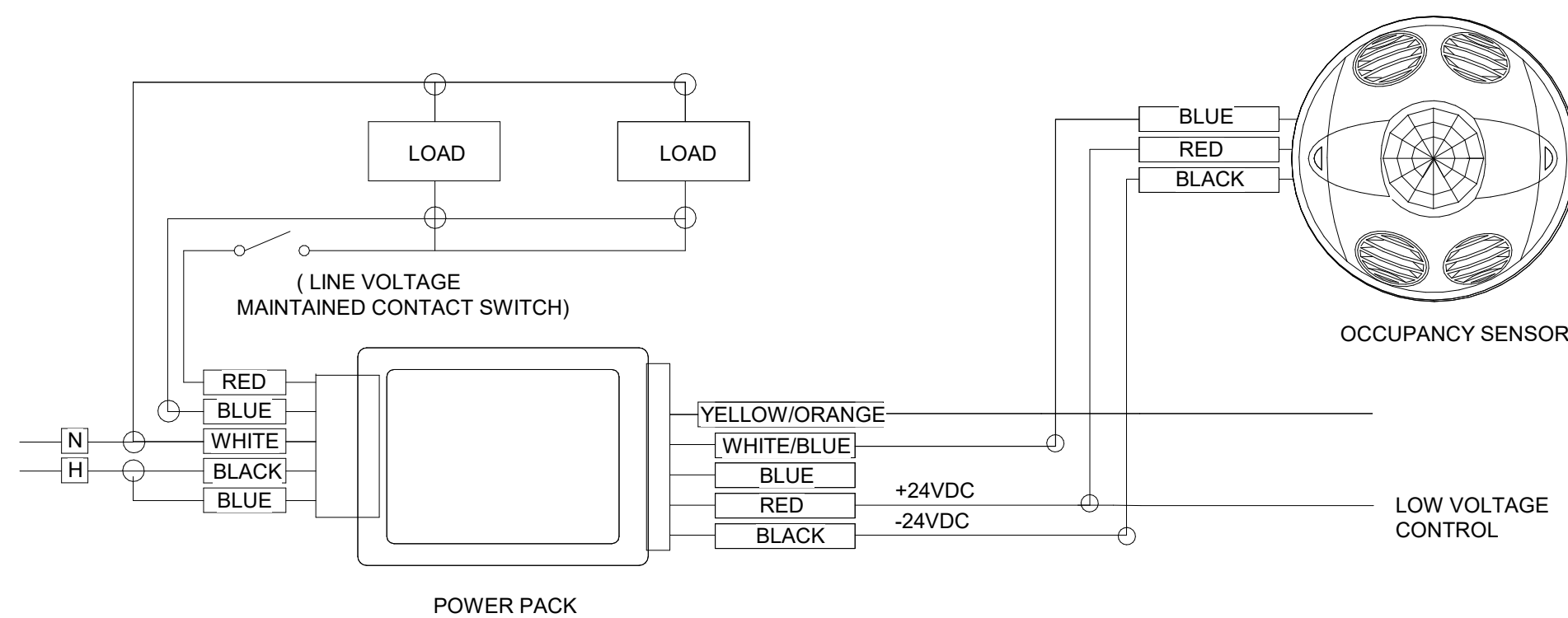


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Fire Alarm Plan - Area F

Drawn By: AEL Date: 05/19/2023 Drawing Number: 339070-22003
Project No.: AE209

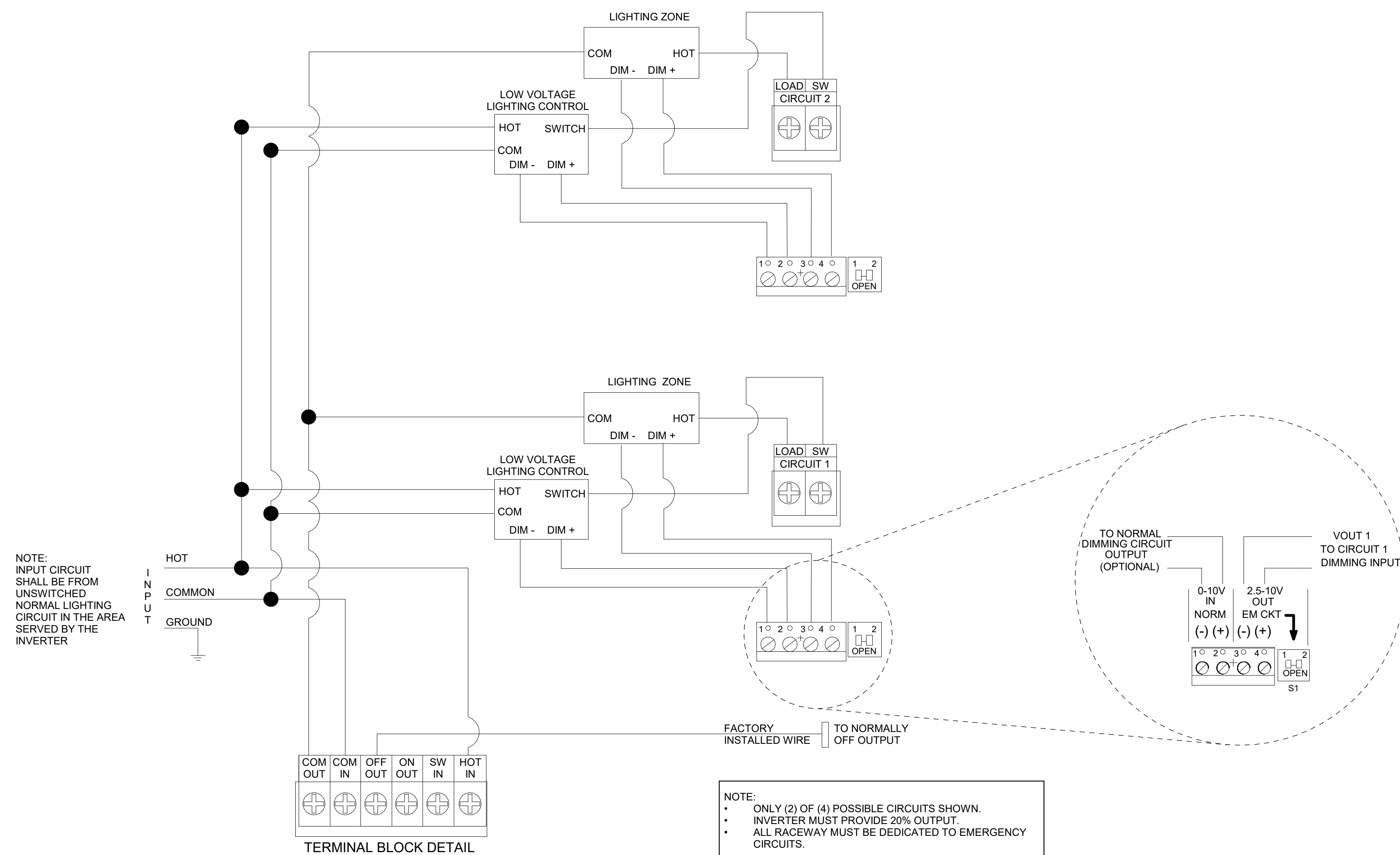


NOTES:

- PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).
- PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.
- ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. APPLY MASKING SEGMENTS TO DETECTION HEAD WHERE REQUIRED.
- POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.
- CORRIDOR LIGHTING, INCLUDING EMERGENCY LIGHTING, CONTROL SHALL CONSIST OF:
 - ALL LUMINAIRES ARE AT 50%.
 - PERSON ENTERING CORRIDOR AND/OR STAIRWELL, ALL LUMINAIRES TURN ON TO 100% BRIGHTNESS.
 - OCCUPANCY SENSOR TURNS ALL LIGHTS TO 50% BRIGHTNESS WITHIN 15 MINUTES AFTER LAST PERSON LEAVES AREA.
 - UPON LOSS OF POWER, EMERGENCY EGRESS BY MINIATURE INVERTOR (MIN 90 MINUTES) WITH REMOTE TEST SWITCH.
- ROOM LIGHTING CONTROL SHALL CONSIST OF:
 - WHEN AN OCCUPANT ENTERS THE ROOM, THE LIGHT SWITCH WILL AUTOMATICALLY TURN ON AND OPERATE AT 50% LIGHT OUTPUT. MANUAL ACTIVATION OF THE LIGHT SWITCH WILL INCREASE THE LIGHTING LEVEL TO 100%. ACTIVATING THE LIGHT SWITCH ONCE AGAIN WILL TURN OFF THE LIGHTING. IF THE LIGHTING IS NOT MANUALLY TURNED OFF, THE OCCUPANCY SENSOR WILL TURN OFF THE LIGHTING AFTER A PRESET AMOUNT OF TIME.
- VACANCY ROOM LIGHTING CONTROL SHALL CONSIST OF:
 - WHEN AN OCCUPANT ENTERS THE ROOM, THE LIGHT SWITCH SHALL BE MANUALLY ACTIVATED AND THE LIGHTING WILL AUTOMATICALLY TURN ON AND OPERATE AT 50% LIGHT OUTPUT. ANOTHER ACTIVATION OF THE LIGHT SWITCH WILL INCREASE THE LIGHTING LEVEL TO 100. IF THE LIGHTING IS NOT MANUALLY TURNED OFF, THE VACANCY SENSOR WILL TURN OFF THE LIGHTING AFTER A PRESET AMOUNT OF TIME.

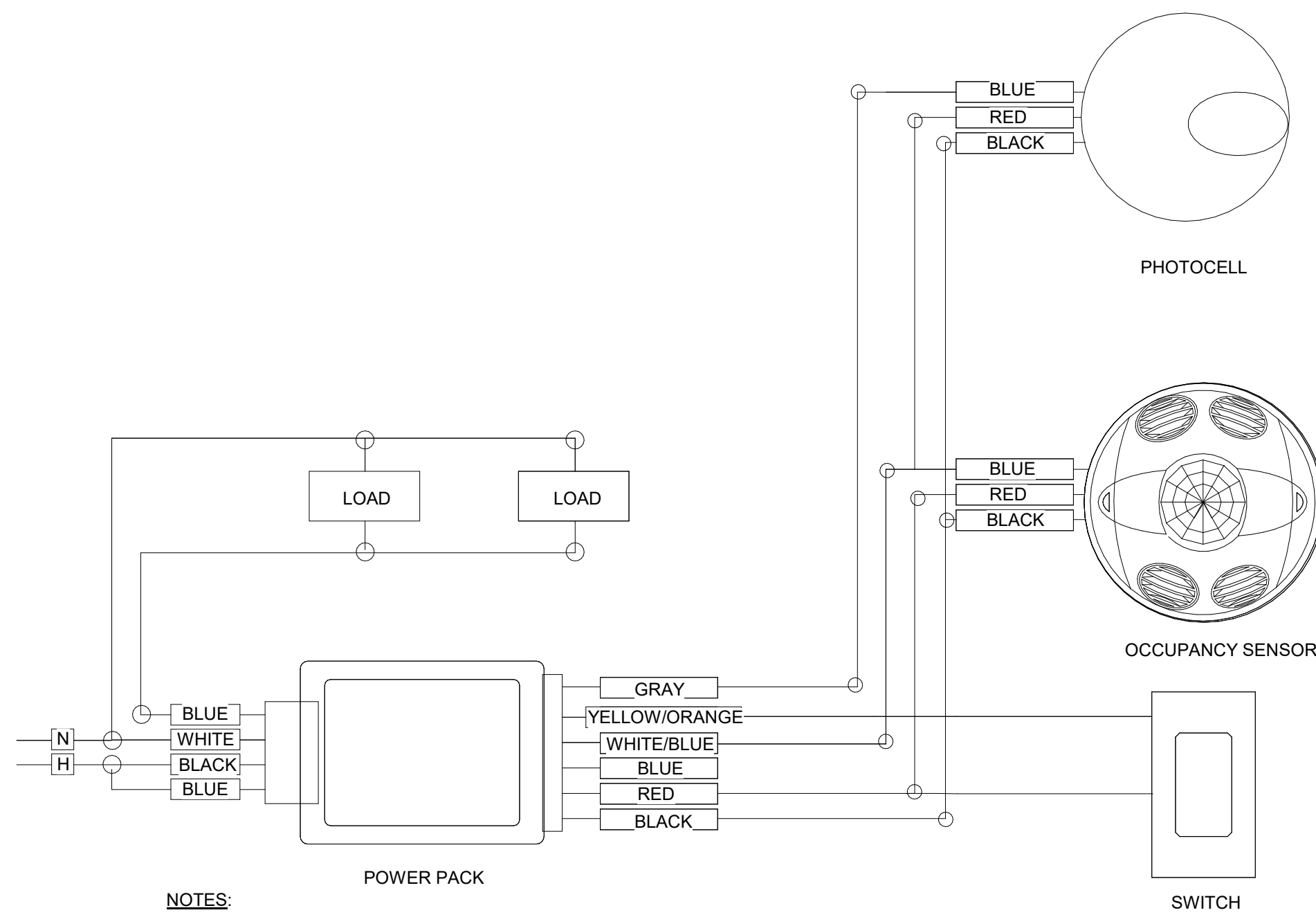
3 Occupancy/Vacancy Sensor Wiring Diagram

NTS



1 Miniature Inverter Wiring Diagram

NTS

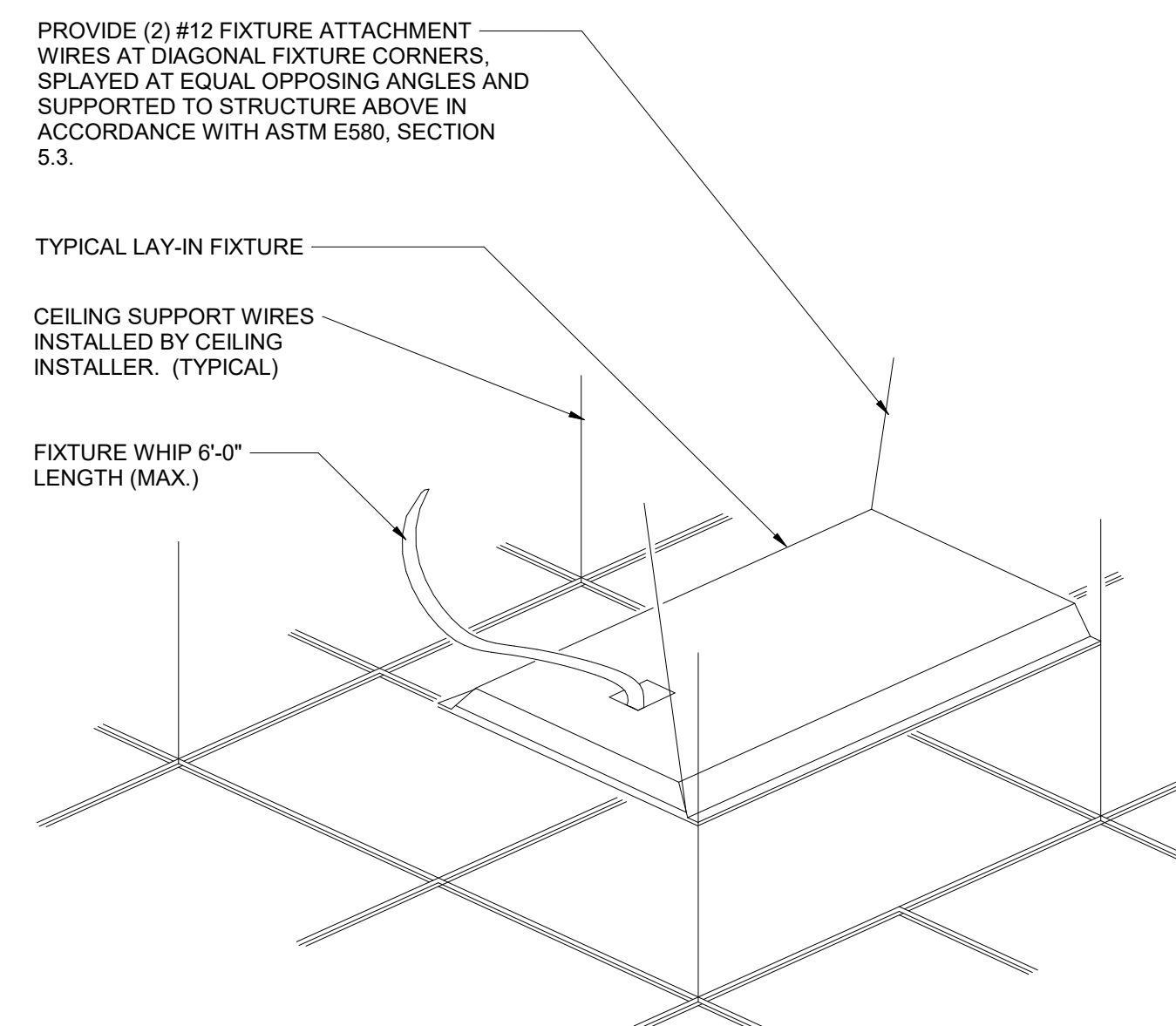


NOTES:

- PAINT ALL SURFACE RACEWAY AND BOXES TO MATCH EXISTING SURFACES. (WHERE APPLICABLE).
- PROVIDE RELAYS WHERE TWO OR MORE CIRCUITS FEED LIGHTING IN SAME ROOM.
- ADJUST SENSITIVITY OF EACH OCCUPANCY SENSOR TO DETECT HUMAN MOVEMENT BUT NOT HVAC EQUIPMENT. ADJUST TIME DELAY FOR OPTIMUM PERFORMANCE. APPLY MASKING SEGMENTS TO DETECTION HEAD WHERE REQUIRED.
- POWER PACK AND THE LOAD SWITCHED BY THE POWER PACK MUST BE FED FROM THE SAME PHASE.
- CONTROL SEQUENCE: ROW OF LIGHTING WITHIN FLOOR DISTANCE EQUAL TO WINDOW HEIGHT WILL AUTOMATICALLY DIM OR TURN OFF TO A PRESET LEVEL WHEN THERE IS ENOUGH DAYLIGHT ENTERING THE SPACE AND INCREASE THE LEVEL OF LIGHT WHEN THERE IS NOT SUFFICIENT DAYLIGHT ENTERING THE SPACE TO MAINTAIN CODE COMPLIANT ILLUMINATION AT WORK SURFACE WHILE CONSERVING ENERGY.

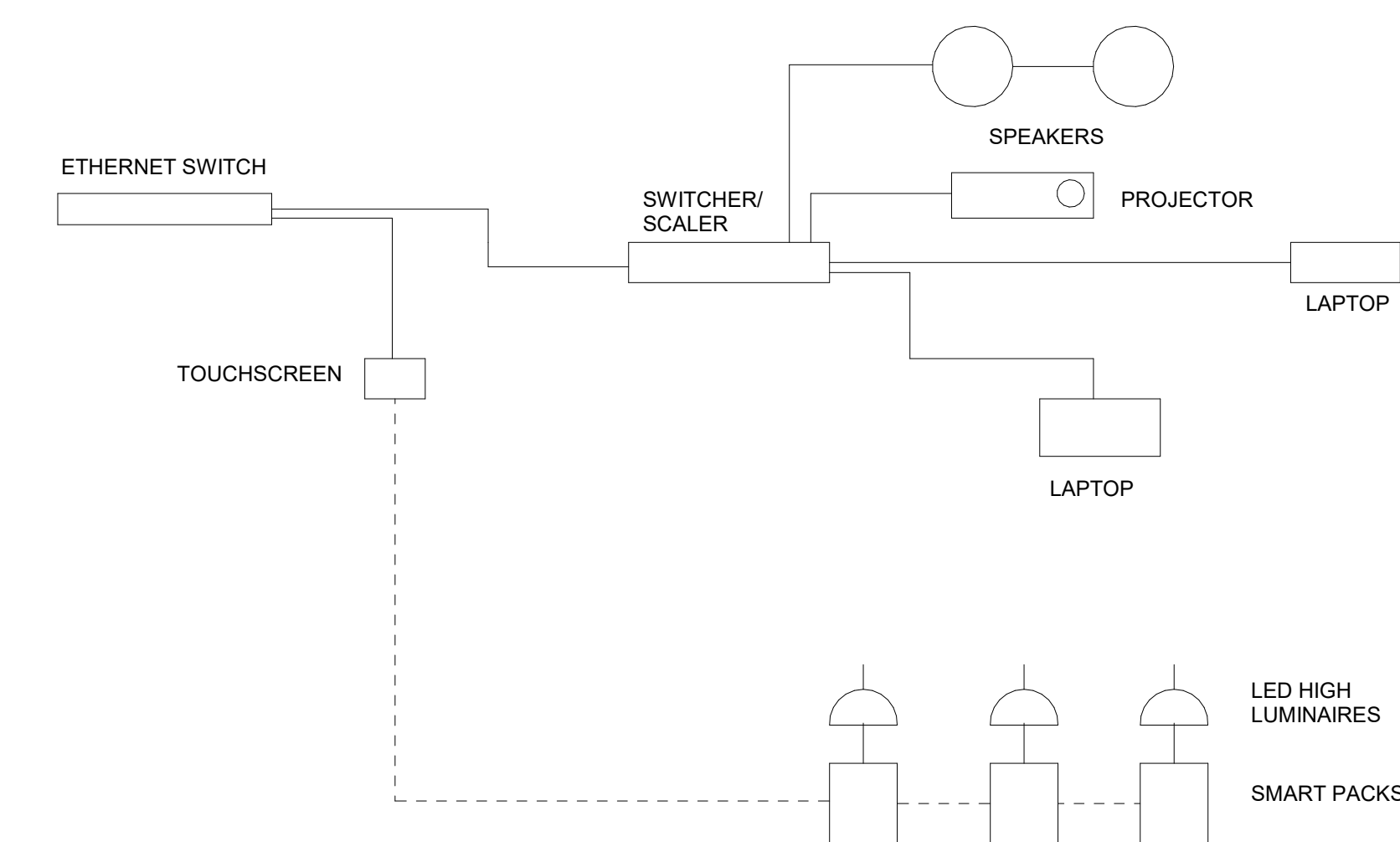
5 Daylight Responsive Controls Wiring Diagram

12" = 1'-0"



4 Typical Grid Mounted Luminaire Mounting Detail

12" = 1'-0"



2 Customizable Lighting Control Wiring Diagram

12" = 1'-0"

SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

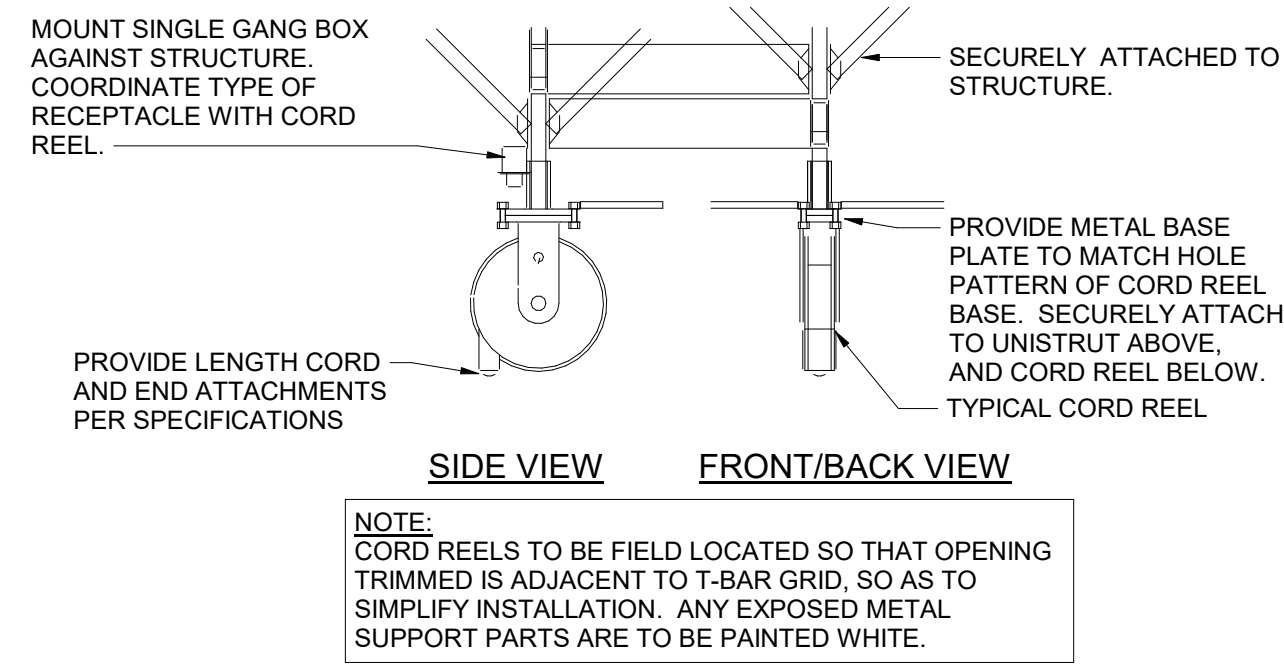
Additions and Alterations to:
Waverly Jr. Sr. High School

Details

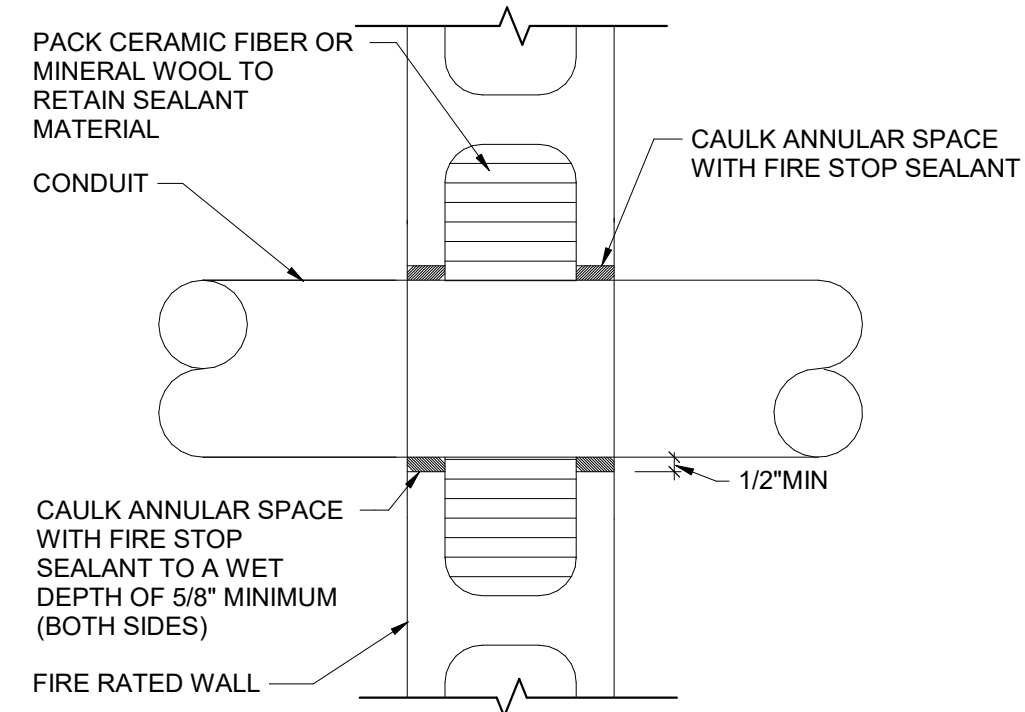
Drawn By: AEL/CR Date: 05/19/2023 Drawing Number:

Project No.: 339070-22003

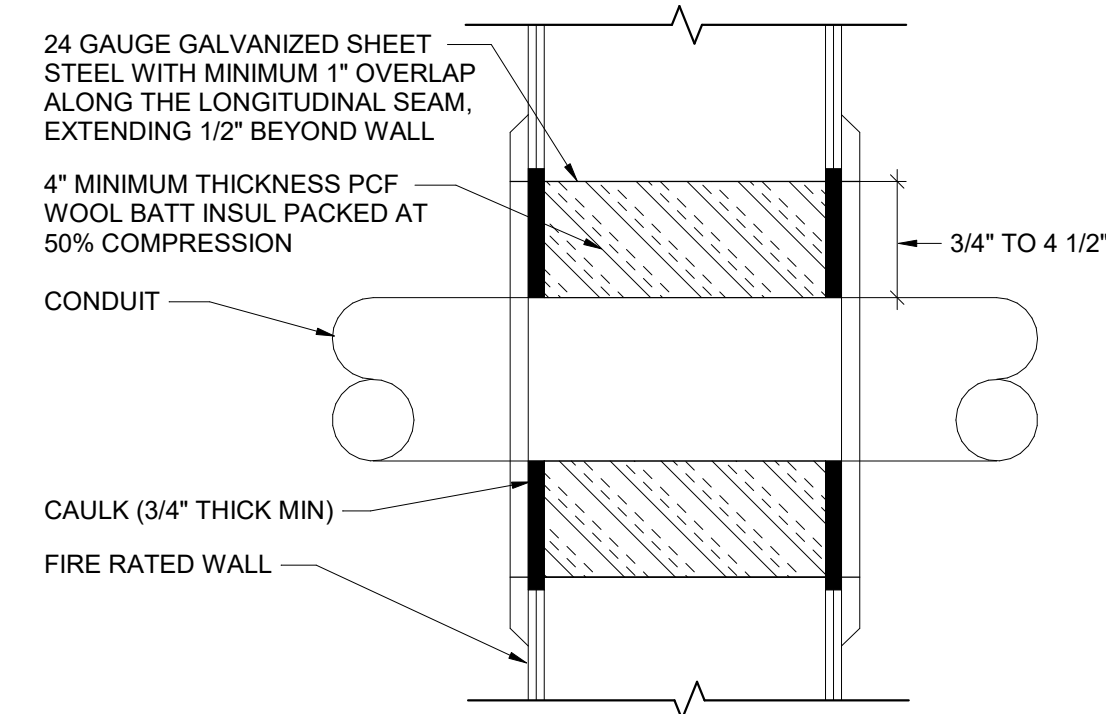
AE500



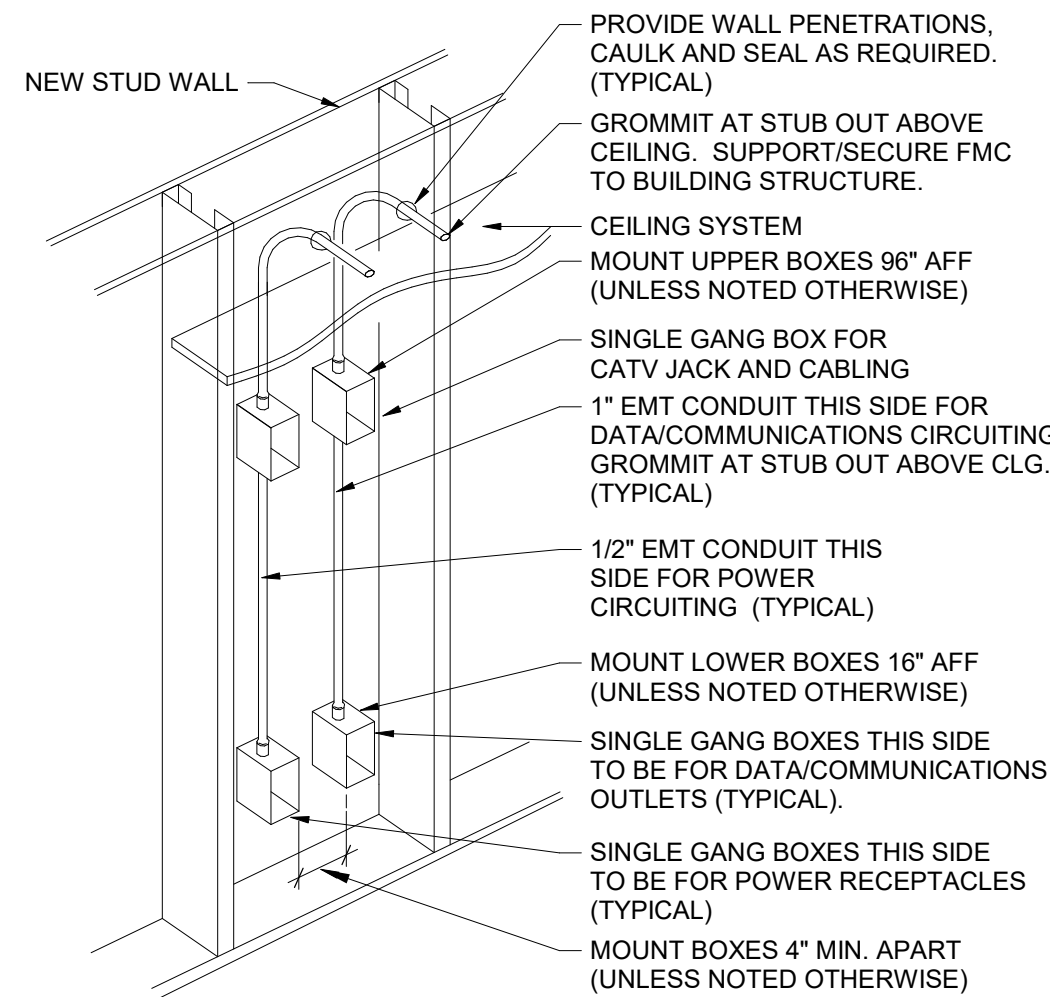
4 Cord Reel Mounting Detail
NTS



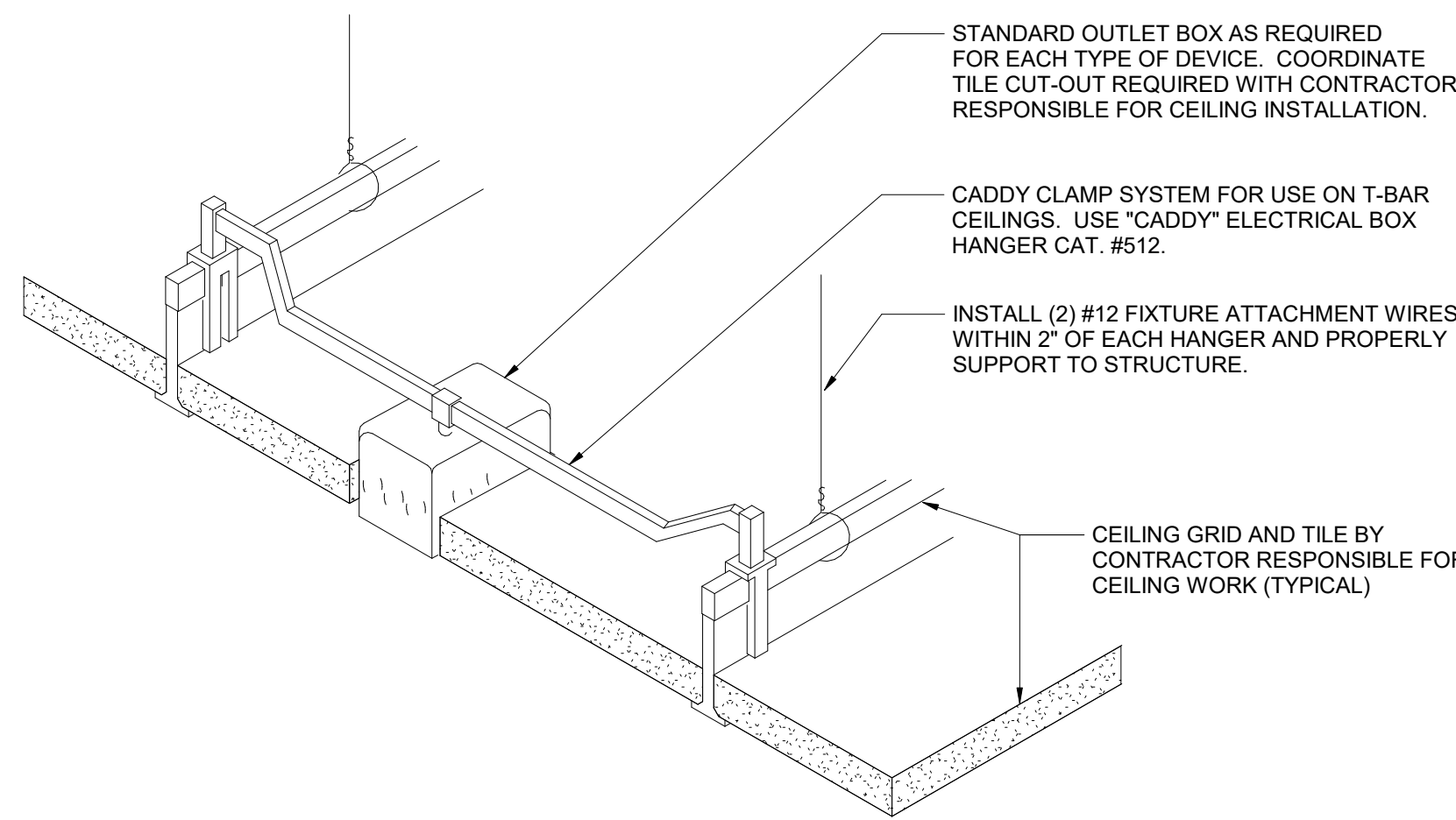
7 Fire Rated CMU Wall Conduit Penetration Detail
NTS



8 Fire Rated Metal Stud Conduit Penetration Detail
NTS

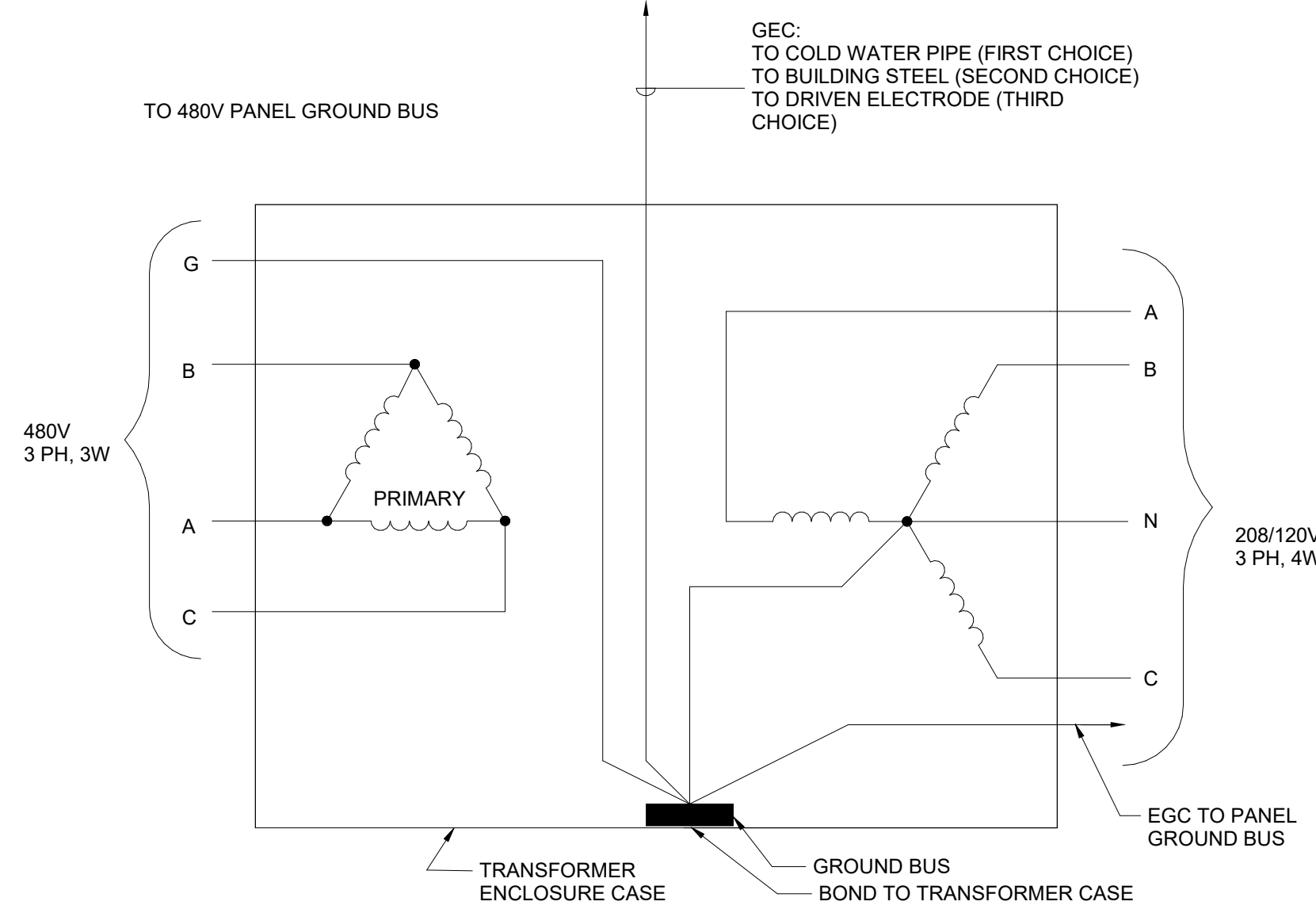


3 Conduit/Backbox Installation Detail
NTS



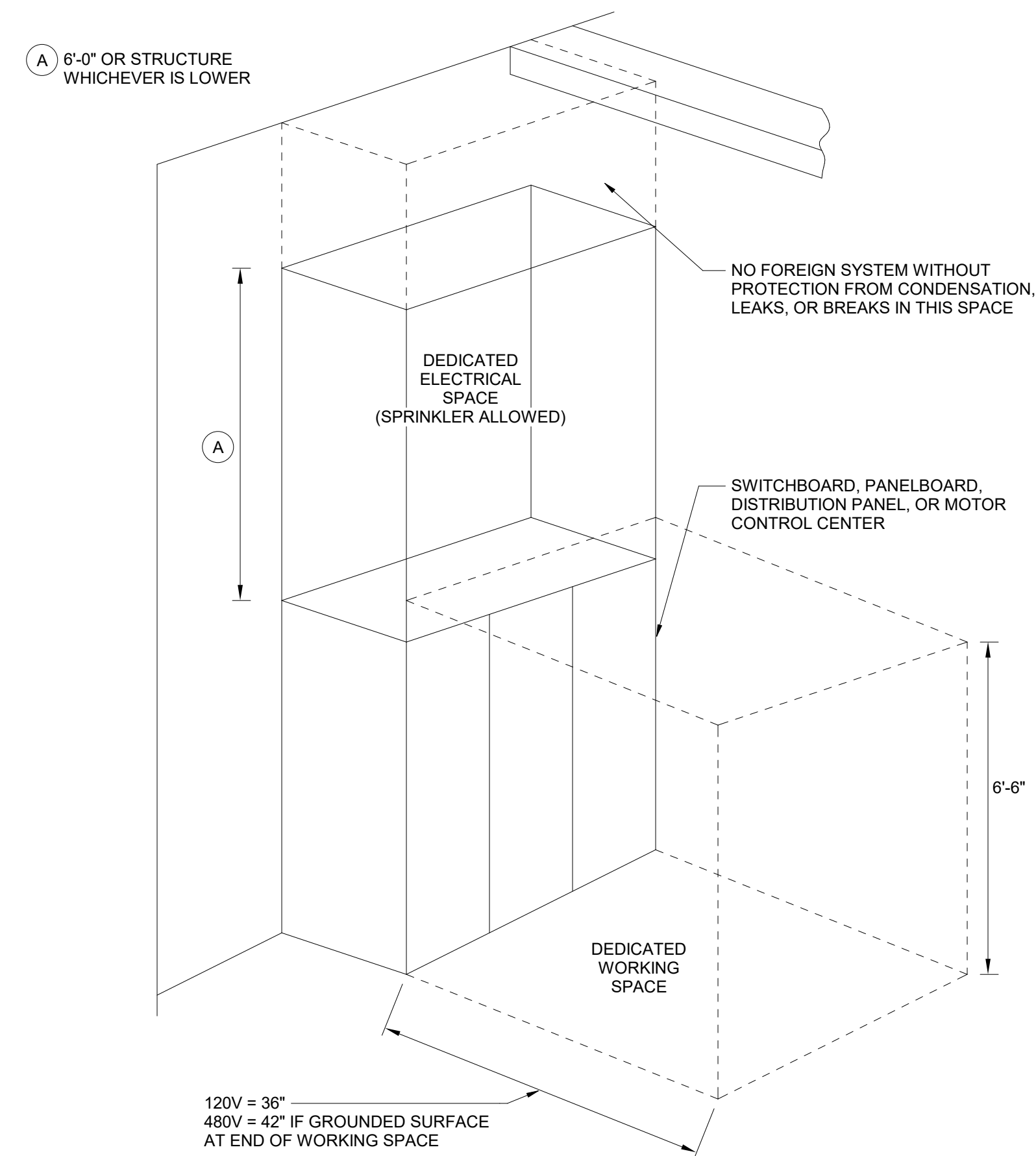
DETAIL NOTES:
A. IN AREAS RECEIVING NEW CEILINGS ALL CEILING MOUNTED ITEMS (DETECTORS, SPEAKERS, ETC) ARE TO BE CENTERED WITHIN THE PATTERN OF THE CEILING PANEL. A 2'x4' PANEL SCORED TO A 2'x2' PATTERN SHALL HAVE ITEMS CENTERED IN THE 2'x2' PORTION.
B. PROVIDE ADDITIONAL SUPPORT FOR EXIT SIGNS, WHERE REQUIRED.

5 Ceiling Mounting Device Detail
NTS

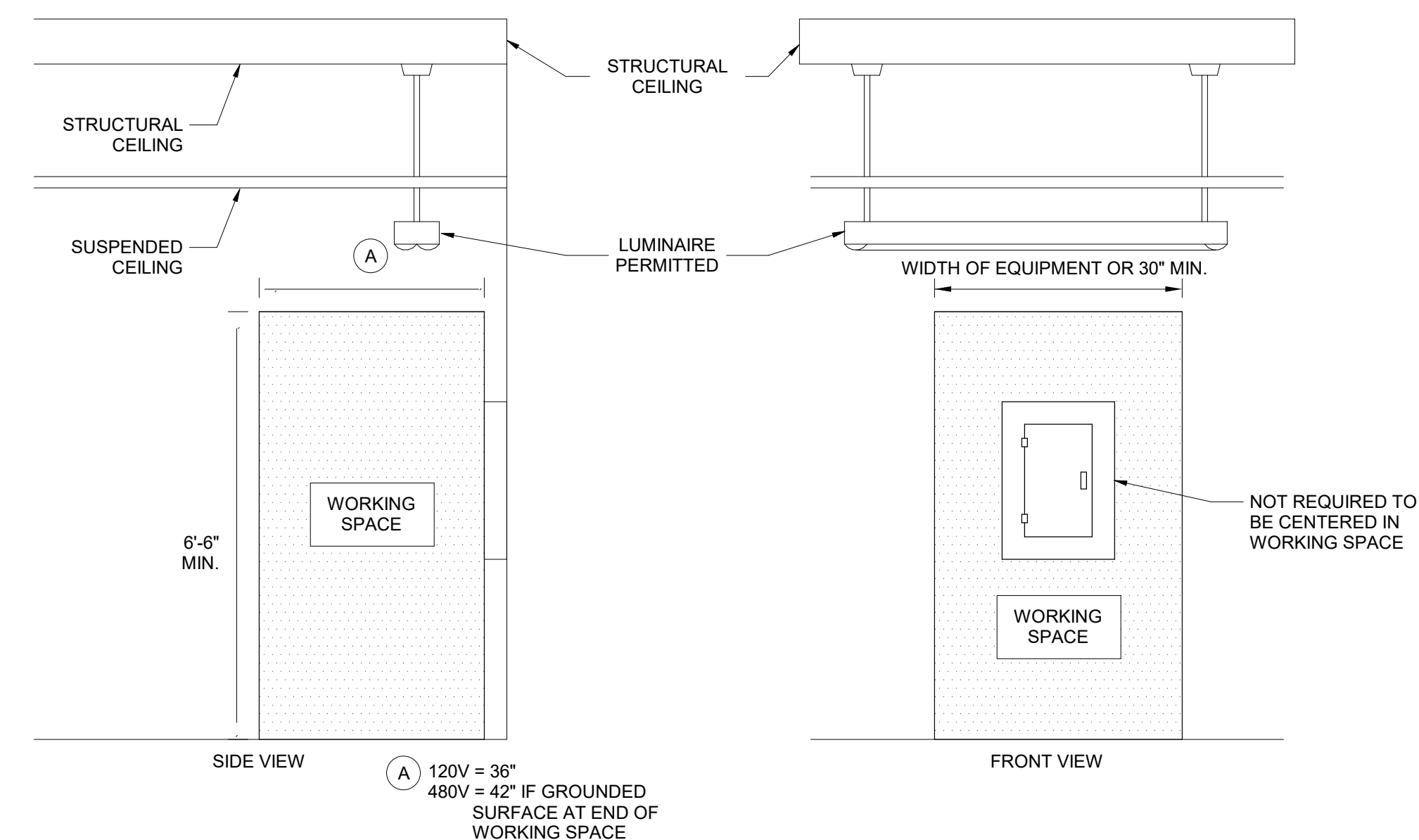


GENERAL NOTES:
A. GROUNDING ELECTRODE CONDUCTOR (GEC): SIZE PER NEC TABLE 250.66
B. EQUIPMENT GROUNDING CONDUCTOR (EGC): SIZE PER NEC TABLE 250.122

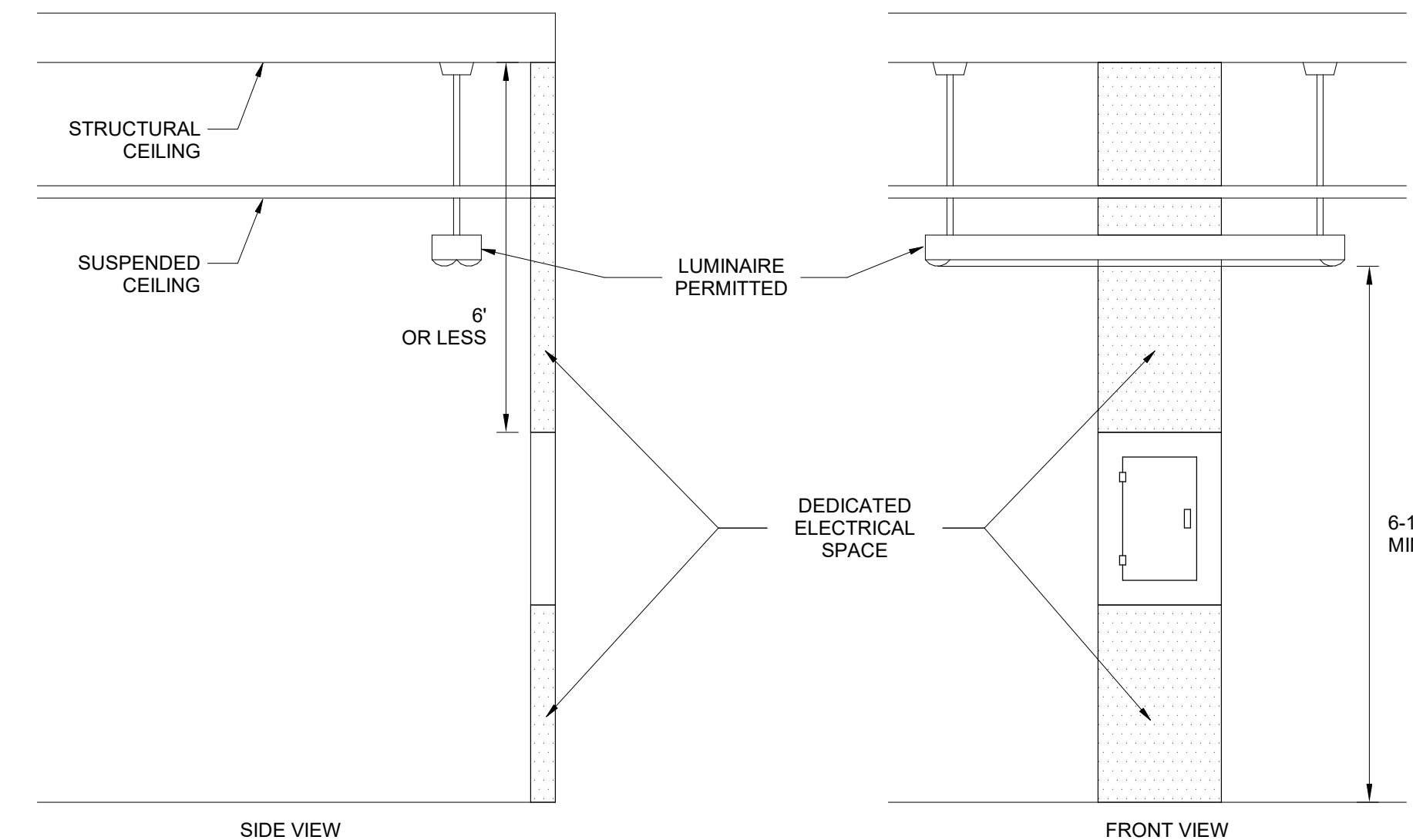
6 Typical Transformer Connection Separately Derived System
NTS



1 Working Space/Dedicated Space at Panelboard
NTS



2 Working Space/ Dedicated Space at Panelboard
NTS



SED Control No. 60-01-01-06-0-018-023

Rev. No.:	Date:	Description:



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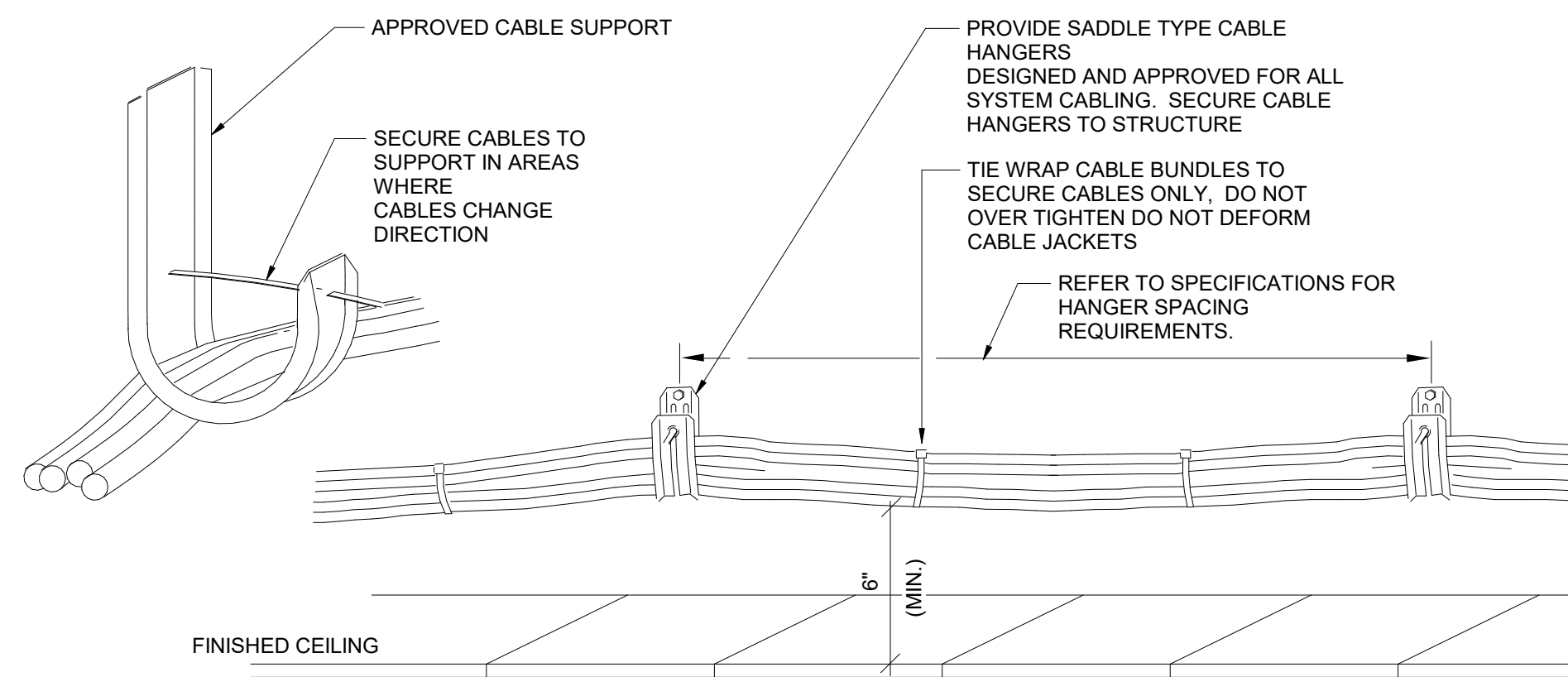


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Details

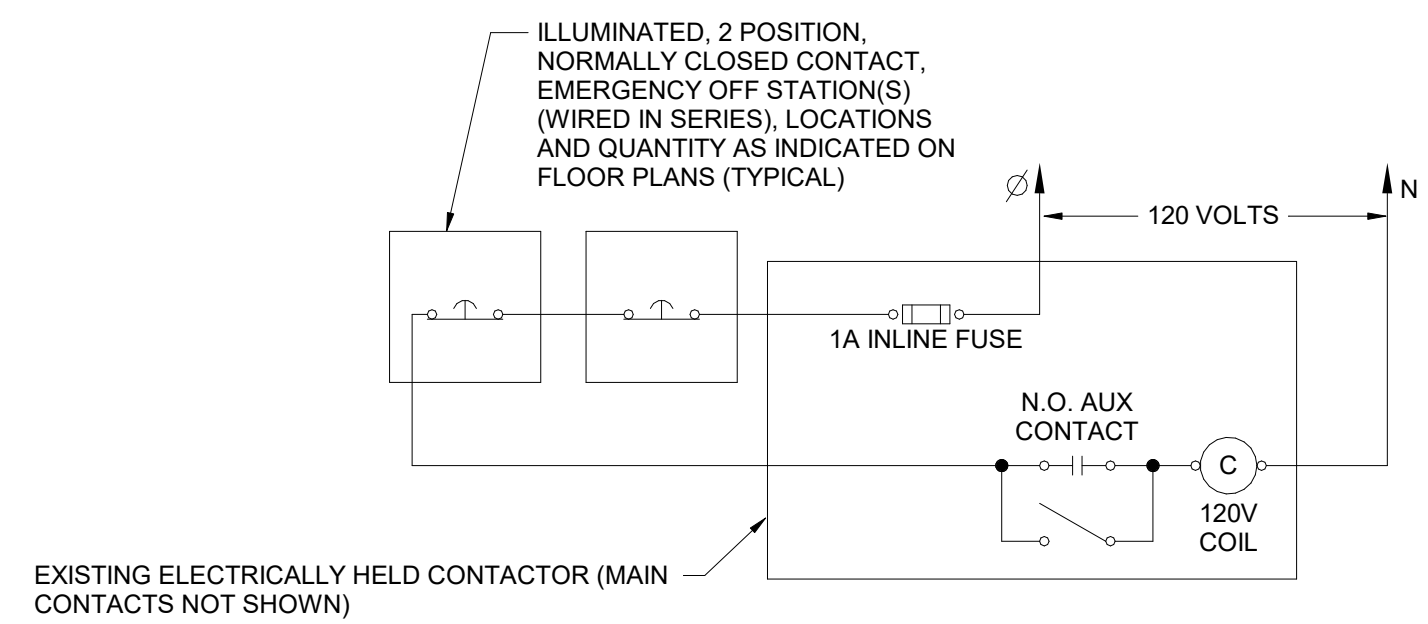
Drawn By: AEL	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AE501



INSTALLATION NOTES

1. LOCATE CABLE BUNDLES A MINIMUM OF 6" ABOVE REMOVABLE CEILINGS TO MAINTAIN CLEARANCE (ALONG WALLS WHERE POSSIBLE). LOCATE IN AREAS THAT ARE ACCESSIBLE.
2. USE 2 OR MORE CABLE HANGERS AT ALL TURNS TO MAINTAIN MANUFACTURER'S BEND RADIUS REQUIREMENTS.
3. REFER TO SPECIFICATIONS FOR ADDITIONAL CABLE AND HANGER INSTALLATION REQUIREMENTS.

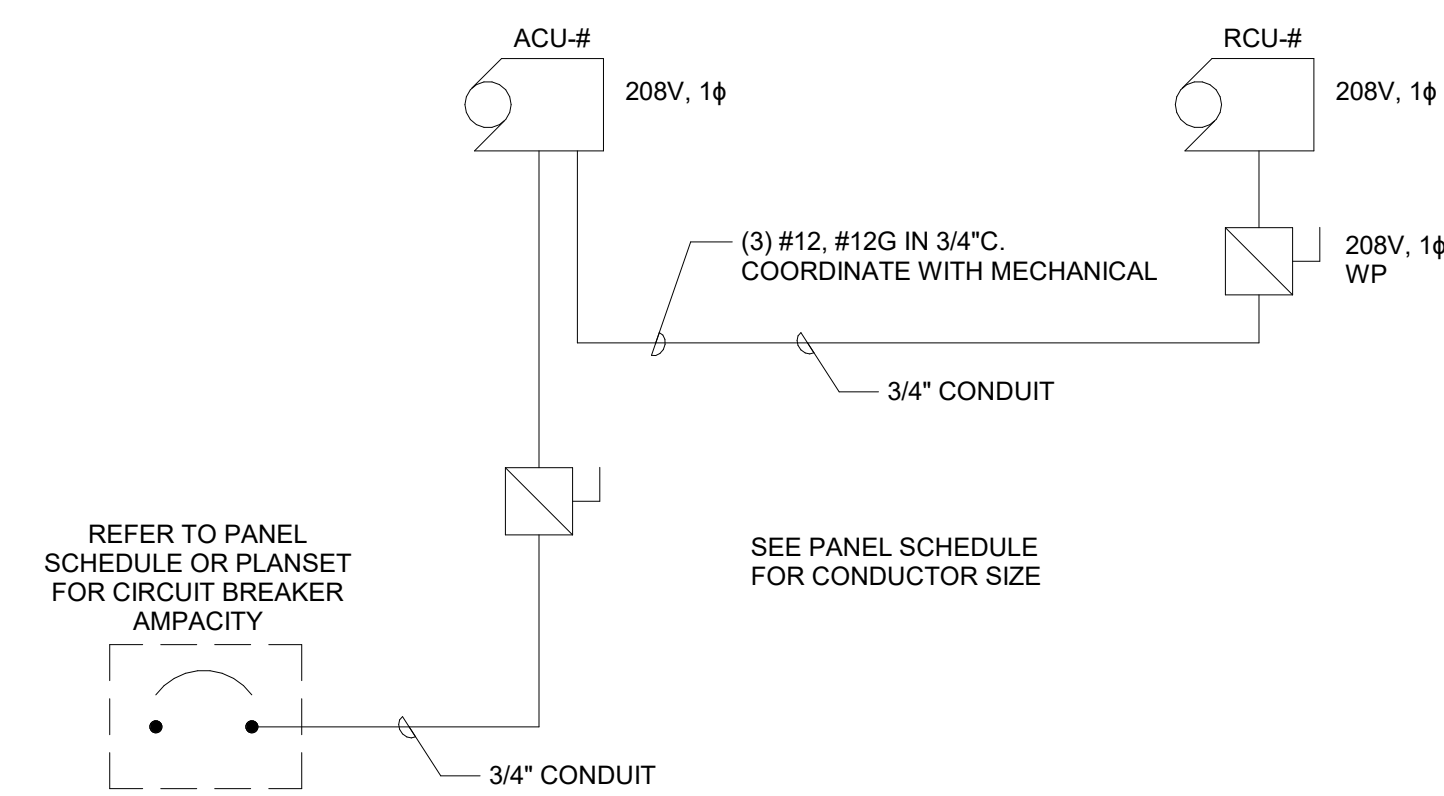
4 Typical Installation with Cable Hangars
NTS



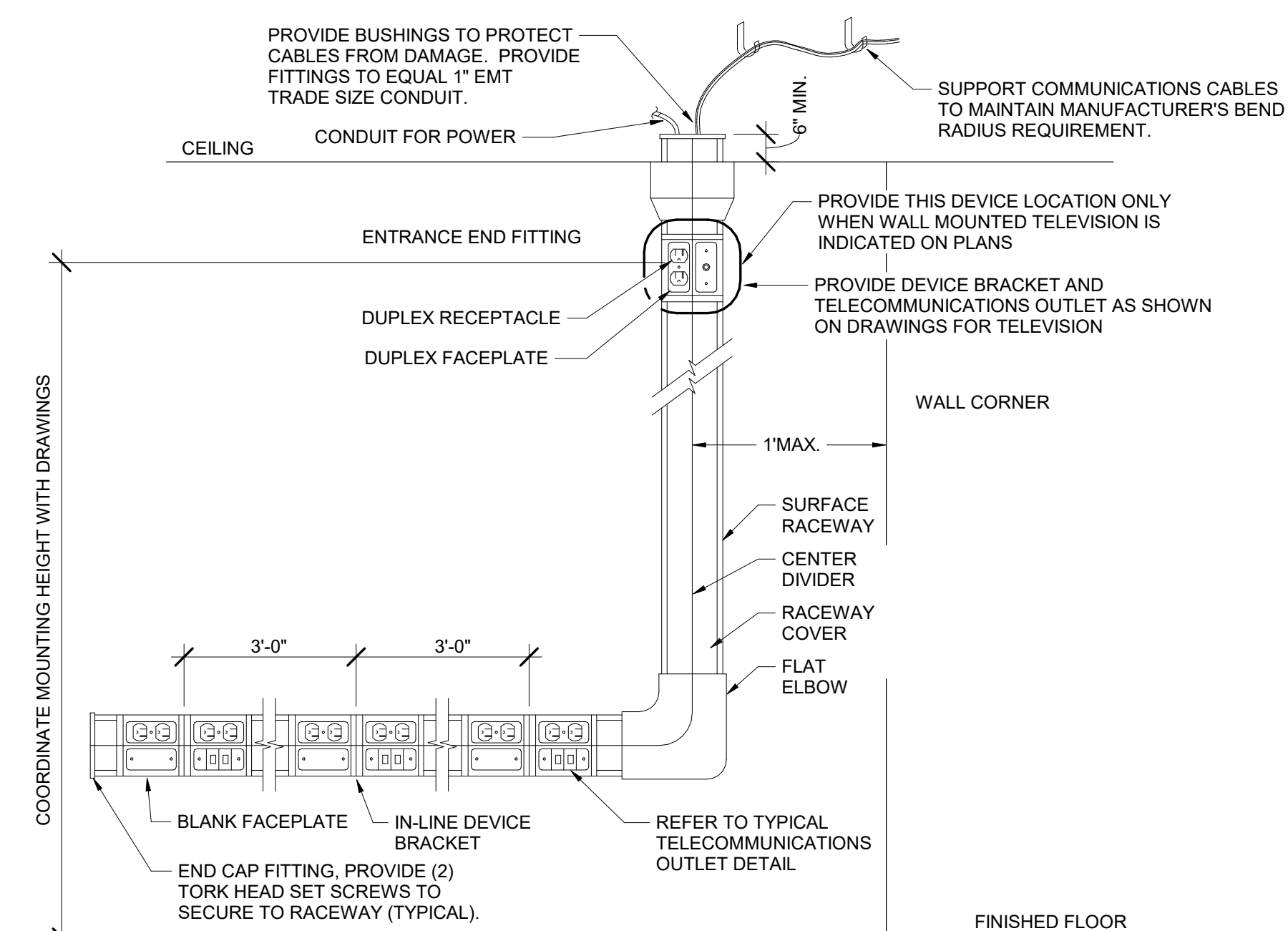
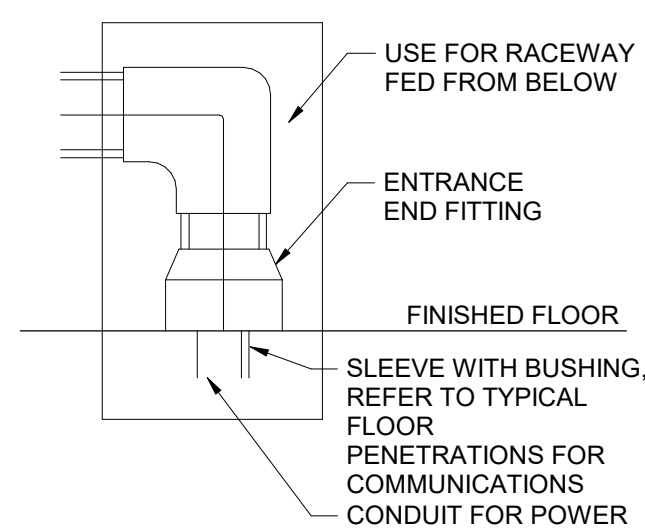
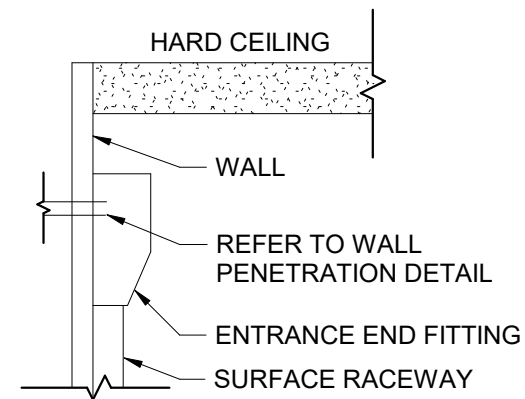
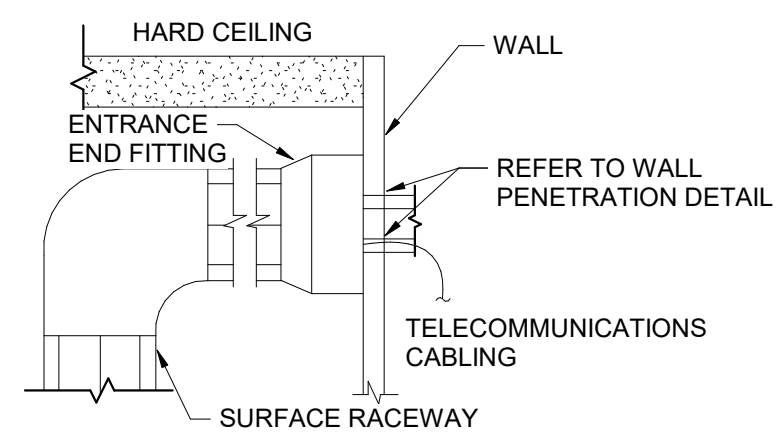
PROVIDE A 6" x 9" ALUMINUM SIGN WITH RED SCREEN PRINTED LETTERS ON WHITE BAKED ENAMEL BACKGROUND. MOUNTED ABOVE EACH EMERGENCY OFF STATION. (MOUNT USING A MINIMUM OF 4 TAMPER RESISTANT SCREWS).



1 Emergency Shut-Off System Wiring Diagram
NTS



2 ACU/RCU Wiring Diagram
NTS



DETAIL NOTES:

1. EXACT ROUTING AND CONFIGURATION OF RACEWAY TO BE VERIFIED IN FIELD WITH OWNER PRIOR TO ROUGH-IN. EC SHALL PROVIDE RACEWAY AND ALL REQUIRED BRACING, FITTINGS, BUSHINGS, RECEPTACLES, AND DEVICE BRACKETS. PROVIDE COVERPLATES ON ALL UNUSED DEVICE OPENINGS. (TYPICAL)
2. CONTRACTOR RESPONSIBLE FOR TELECOM WORK SHALL PROVIDE ALL DATA, TELEPHONE, AND TELEVISION OUTLETS, TELECOMMUNICATIONS CABLING, AND ASSOCIATED SUPPORTS (UNLESS NOTED OTHERWISE).
3. REFER TO FLOOR PLANS FOR EXACT TYPE AND QUANTITY OF OUTLETS.
4. ALL SURFACE RACEWAY COMPONENTS SHALL BE IVORY IN COLOR (UNO).

3 Typical Dual Channel Surface Raceway Installation Detail
NTS

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

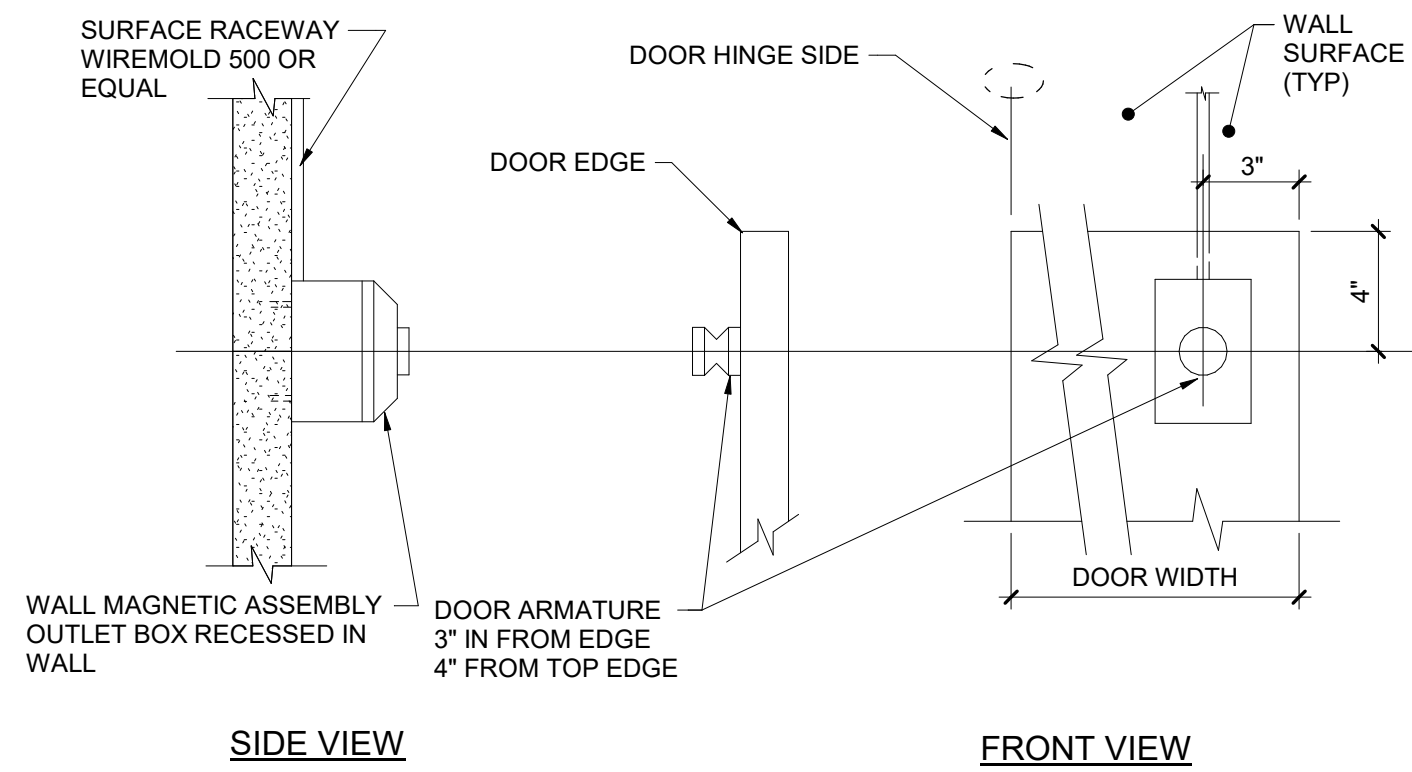
Details

Drawn By: AEL Date: 05/19/2023 Drawing Number: 339070-22003

AE502

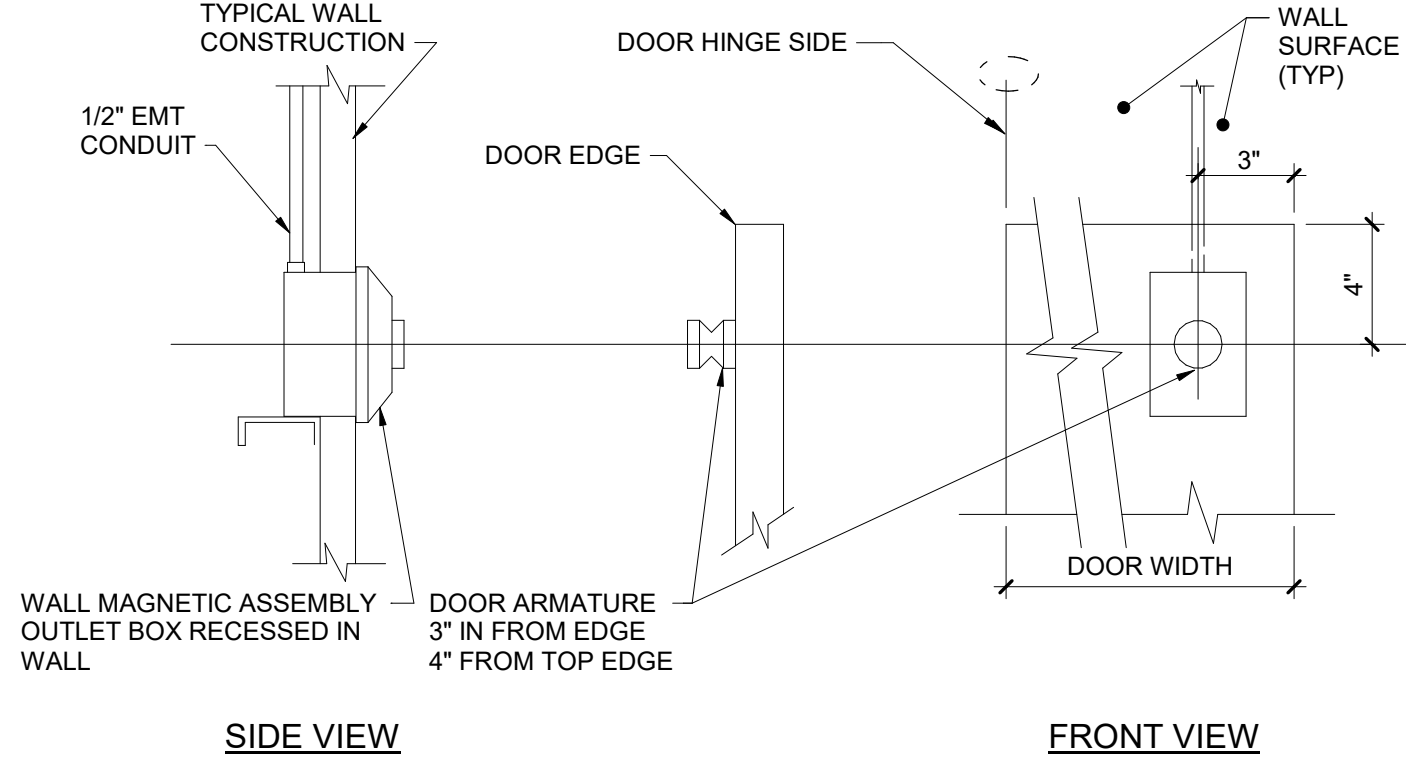
DETECTOR LOCATION REQUIREMENTS (NFPA 72)			
d = DEPTH OF WALL SECTION ABOVE DOOR	DOOR FRAME MOUNTED (SMOKE DETECTOR LISTED FOR FRAME MOUNTING OR AS PART OF CLOSER ASSEMBLY)	CEILING MOUNTED (SMOKE DETECTOR)	
0-24" ON BOTH SIDES OF DOORWAY	 DETECTOR OR DETECTOR CLOSER MOUNTED ON EITHER SIDE	A	B ONE DETECTOR MOUNTED ON EITHER SIDE
over 24" ON ONE SIDE ONLY	 DETECTOR OR DETECTOR CLOSER MOUNTED ON HIGHER SIDE	C	D DETECTOR MOUNTED ON HIGHER SIDE
over 24" ON BOTH SIDES	 DETECTOR OR DETECTOR CLOSER MOUNTED ON EITHER SIDE	E	F TWO DETECTORS REQUIRED
over 60"	MIGHT REQUIRE ADDITIONAL DETECTORS		

4 Smoke Detector Mounting Requirements (per NFPA 72)
NTS



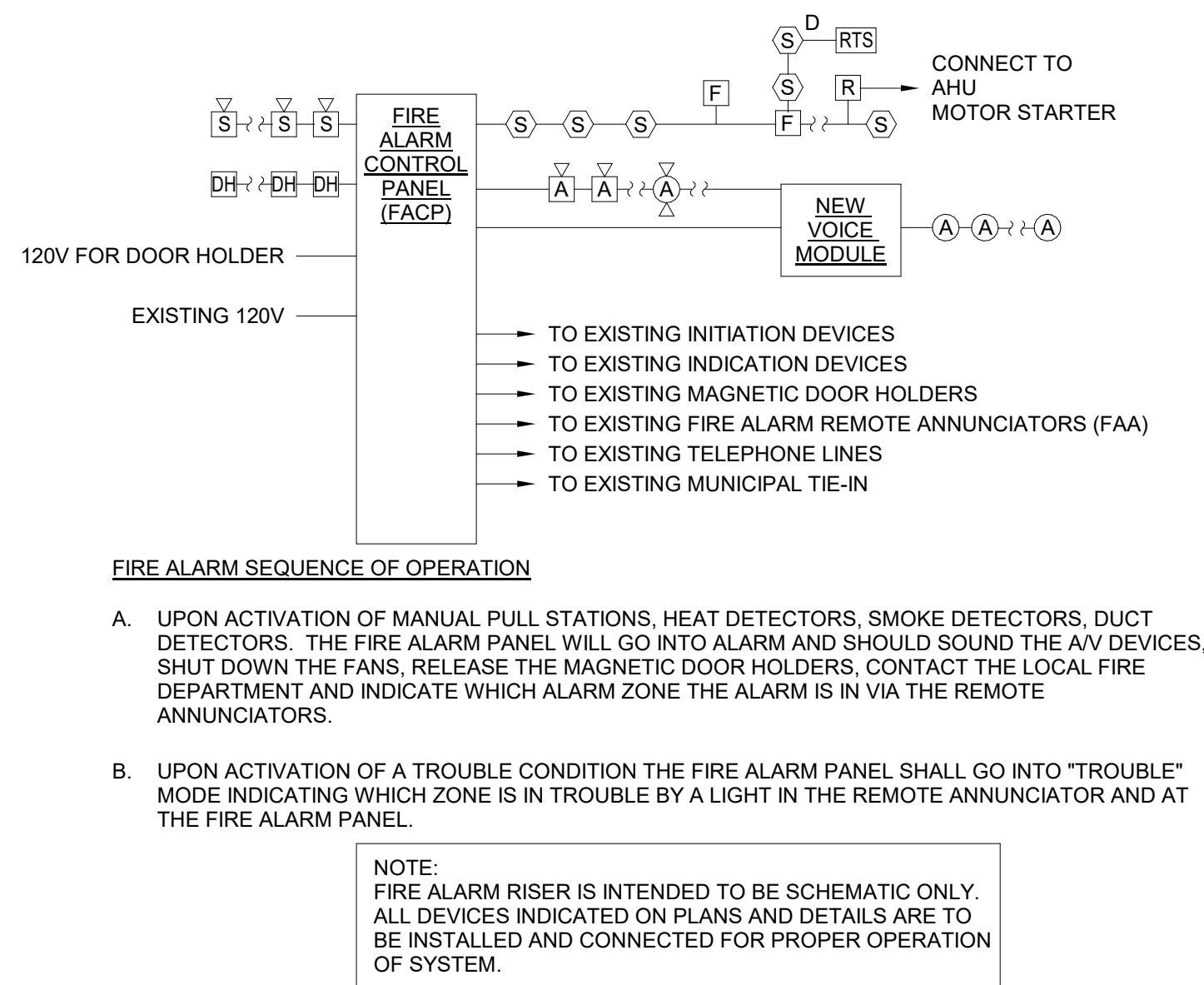
- GENERAL NOTES:
- SUPPORT OUTLET BOX SECURELY TO WALL CONSTRUCTION. USE MINIMUM OF TWO ANCHOR BOLTS PER OUTLET BOX.
 - CHECK EXACT ALIGNMENT PRIOR TO MOUNTING DOOR ARMATURE.

5 Surface Mounted Magnetic Door Holder Installation Detail
NTS



- GENERAL NOTES:
- SUPPORT OUTLET BOX SECURELY TO WALL CONSTRUCTION. USE MINIMUM OF TWO ANCHOR BOLTS PER OUTLET BOX.
 - CHECK EXACT ALIGNMENT PRIOR TO MOUNTING DOOR ARMATURE.

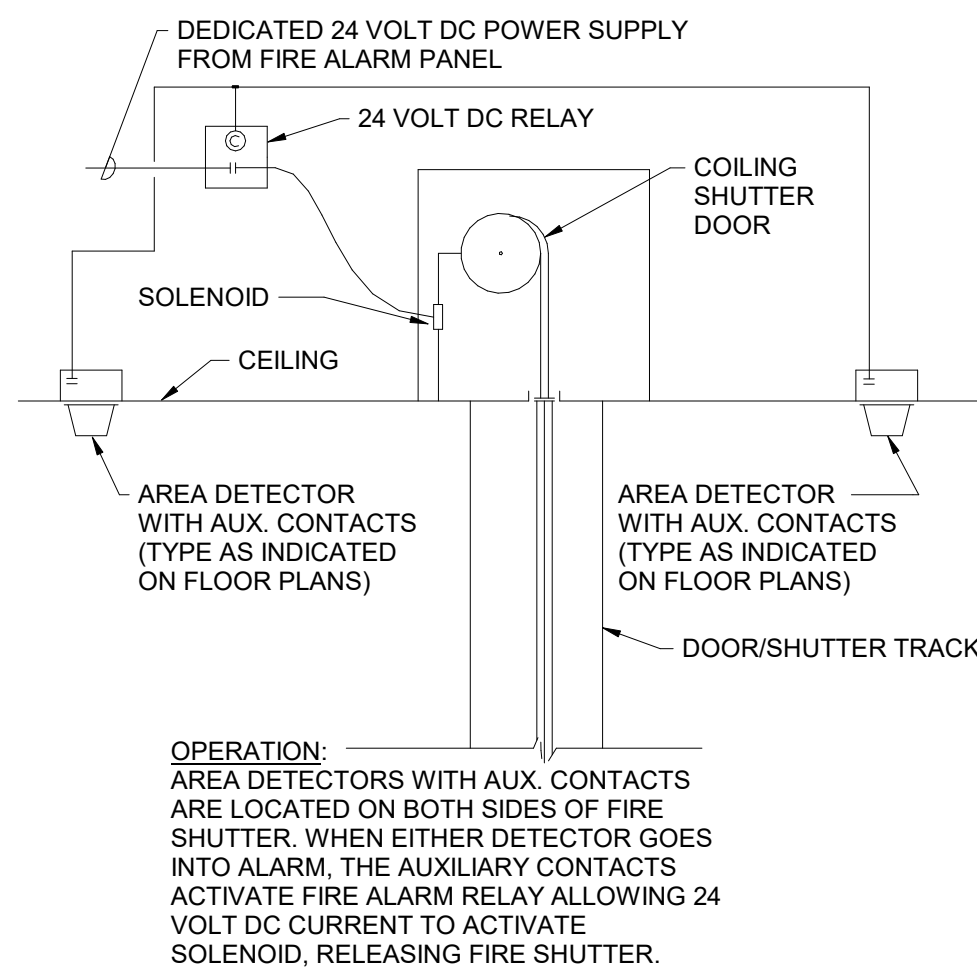
6 Recessed Magnetic Door Holder Installation Detail
NTS



- FIRE ALARM SEQUENCE OF OPERATION
- UPON ACTIVATION OF MANUAL PULL STATIONS, HEAT DETECTORS, SMOKE DETECTORS, DUCT DETECTORS, THE FIRE ALARM PANEL WILL GO INTO ALARM AND SHOULD SOUND THE AV DEVICES. SHUT DOWN THE FANS, RELEASE THE MAGNETIC DOOR HOLDERS, CONTACT THE LOCAL FIRE DEPARTMENT AND INDICATE WHICH ALARM ZONE THE ALARM IS IN VIA THE REMOTE ANNUNCIATORS.
 - UPON ACTIVATION OF A TROUBLE CONDITION THE FIRE ALARM PANEL SHALL GO INTO "TROUBLE" MODE INDICATING WHICH ZONE IS IN TROUBLE BY A LIGHT IN THE REMOTE ANNUNCIATOR AND AT THE FIRE ALARM PANEL.

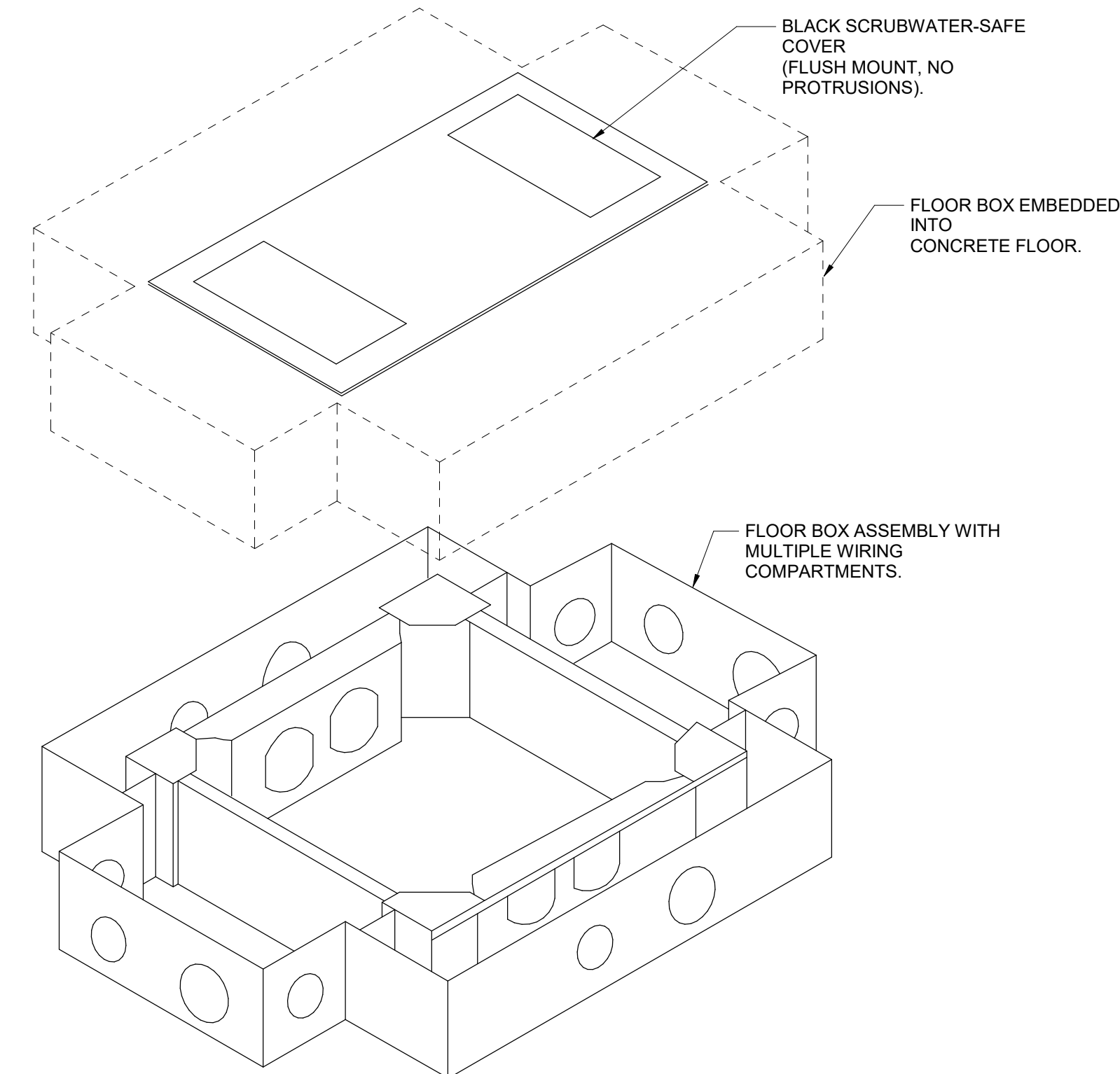
NOTE:
FIRE ALARM RISER IS INTENDED TO BE SCHEMATIC ONLY.
ALL DEVICES INDICATED ON PLANS AND DETAILS ARE TO
BE INSTALLED AND CONNECTED FOR PROPER OPERATION
OF SYSTEM.

7 Fire Alarm System Wiring Diagram
NTS



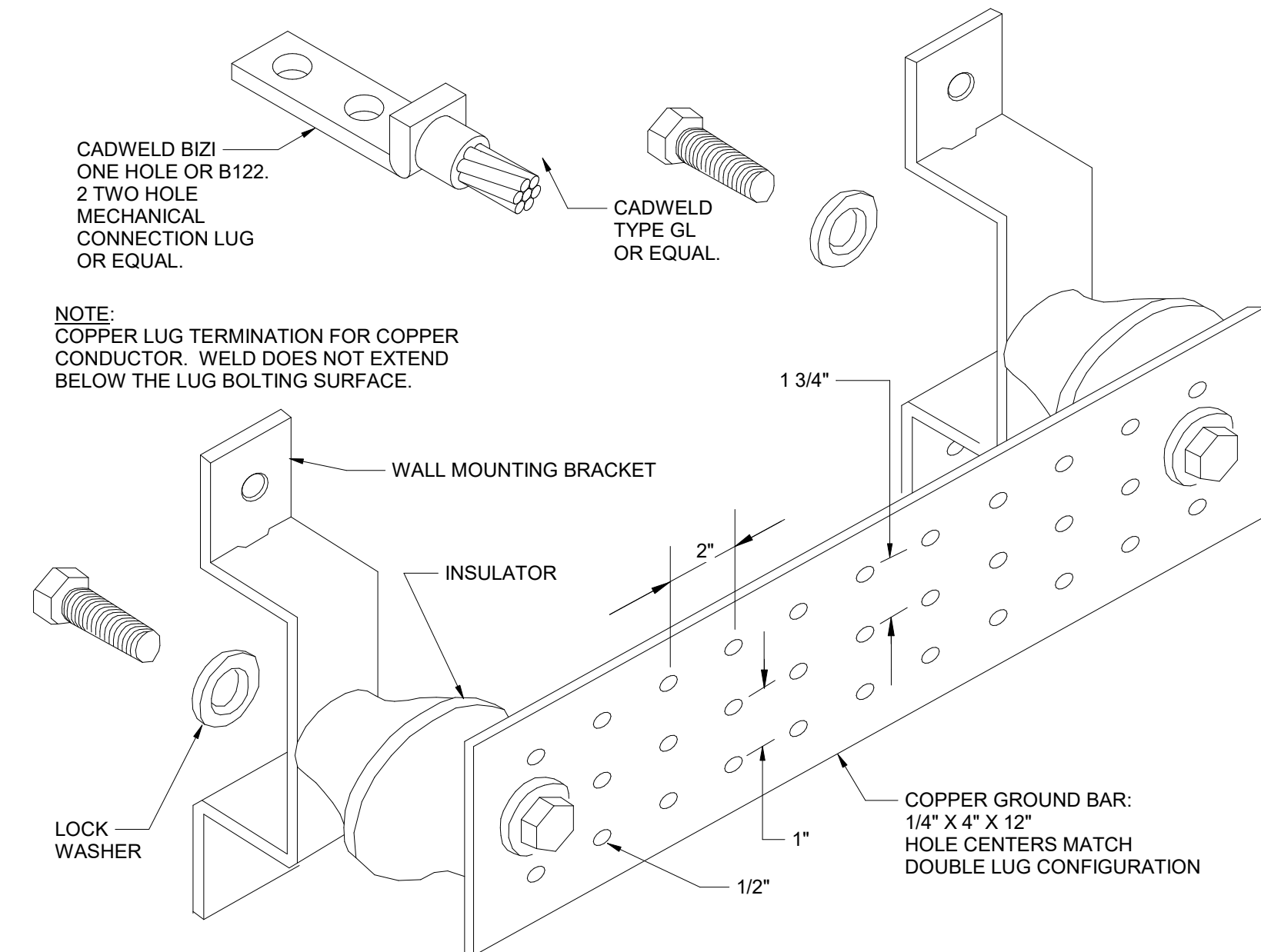
OPERATION:
AREA DETECTORS WITH AUX. CONTACTS
ARE LOCATED ON BOTH SIDES OF FIRE
SHUTTER. WHEN EITHER DETECTOR GOES
INTO ALARM, THE AUXILIARY CONTACTS
ACTIVATE FIRE ALARM RELAY ALLOWING 24
VOLT DC CURRENT TO ACTIVATE
SOLENOID, RELEASING FIRE SHUTTER.

8 Fire Shutter Wiring Diagram
NTS

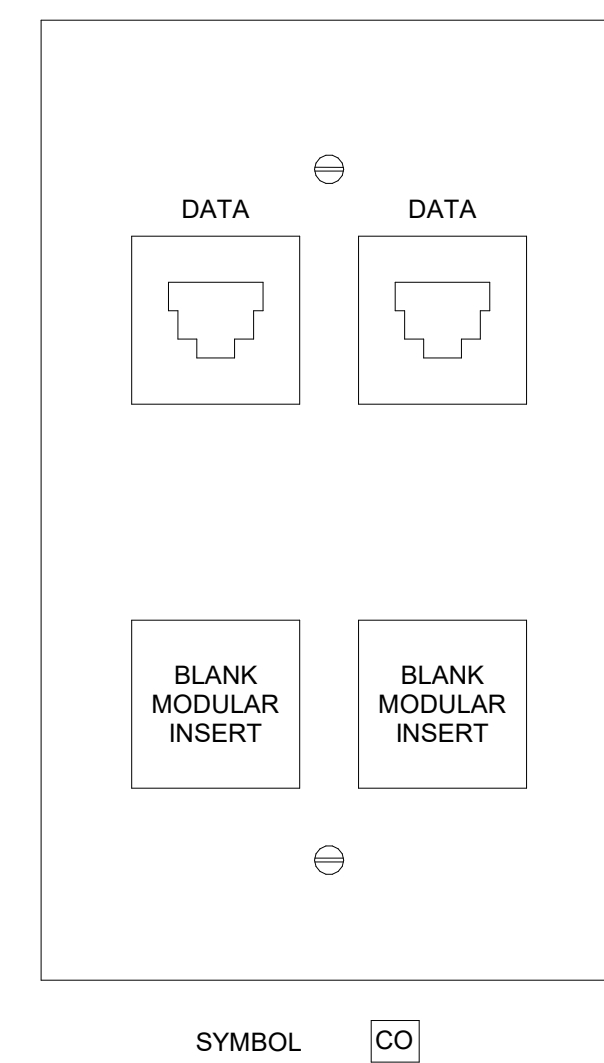


- NOTES:
- PROVIDE FLUSH MOUNTED FLOOR BOX WITH COVER PLATES TO MATCH DEVICES INDICATED ON PLANSET. INCLUDE CUSTOM FLUSH COVER FLOOR BOX IS TO BE INSTALLED EMBEDDED INTO CONCRETE WITH COVER FLUSH WITH FINISHED FLOOR.

1 Floor Box
NTS



2 Service Ground and Lug Detail
NTS



3 Typical Data Outlet Faceplate Configuration
12" = 1'-0"

SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Details

Drawn By: AEL	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AE503	

PANELBOARD: S3P1-3 S2 (RELOCATED)																			
Location: WORKSHOP 123B						Surface MOUNTED		10k		SYM. A.I.C....		ENCLOSURE TYPE Type 1							
225 AMP MAIN (LUGS) OR						AMP MAIN BREAKER WITH						AMP TRIP							
208Y/120 VOLTS						3 PHASE		4 WIRE		60 HERTZ		225 AMP BUS		SE LABEL					
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GRN AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.	
1	1	20 A					RCPTS - 123A #	360 VA 180 VA			RCPTS - 123A #					20 A	1	2	
3	1	20 A					RCPTS - 123A #		180 VA 540 VA		RCPTS - 123A #					20 A	1	4	
5	1	20 A					CR - 123A #			360 VA 360 VA	CR - 123A					20 A	1	6	
7	1	20 A					CR - 123A #	360 VA 180 VA			RCPT - LASER (123.2)					20 A	1	8	
9	1	20 A					RCPT - LASER (123.2) #		180 VA 540 VA		RCPTS - 123.2					20 A	1	10	
11	1	20 A					RCPTS - 123.2 #			540 VA 180 VA	RCPT - EXT					20 A	1	12	
13	1	20 A					RCPT - EXT #	180 VA 180 VA			RCPT - EXT					20 A	1	14	
15									0 VA 0 VA									16	
17	3	20 A					SPARE #			0 VA 0 VA	SPARE #					30 A	3	18	
19								0 VA 0 VA										20	
21	2	40 A					SPARE #		0 VA 0 VA	0 VA 0 VA								22	
23										0 VA 0 VA	SPARE #					30 A	3	24	
25								0 VA 0 VA										26	
27	3	30 A					SPARE #		0 VA 0 VA	0 VA 0 VA								28	
29										0 VA 0 VA	SPARE #					30 A	3	30	
31								0 VA 0 VA										32	
33	3	30 A					SPARE #		0 VA 0 VA	0 VA 0 VA								34	
35										0 VA 0 VA	SPARE #					30 A	3	36	
37								0 VA 0 VA										38	
39	3	30 A					SPARE #		0 VA 0 VA	0 VA 0 VA	SPARE #					30 A	1	40	
41										0 VA 0 VA	SPARE					20 A	1	42	
TOTAL CONNECTED LOAD PER PHASE...								1440 VA	1440 VA	1440 VA	# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...								
* -GFCI BREAKER ** -SHUNT TRIP BREAKER								A	B	C									
TOTAL CONNECTED LOAD: 12 A																			
TOTAL CONNECTED LOAD: 4.320 KVA								SUPPLIED FROM: _____											

PANELBOARD: S3P1-2 S1 (EXISTING)																							
Location: TECHNOLOGY...						Surface MOUNTED		10K		SYM. A.I.C....		ENCLOSURE TYPE Type 1											
AMP MAIN (LUGS) OR 225						AMP MAIN BREAKER WITH 225						AMP TRIP											
208Y/120 VOLTS						3 PHASE		4 WIRE		60 HERTZ		225 AMP BUS		SE LABEL									
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN AWG	CONDUIT INCH	LOAD SERVED		A		B		C		LOAD SERVED		CONDUIT INCH	GRN AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1	1	20 A					RCPTS - 123D #	360 VA	360 VA						RCPTS - 123D #						20 A	1	2
3	1	20 A					FLOOR BOXES - 123...			720 VA	720 VA				FLOOR BOXES - 123...						20 A	1	4
5	1	20 A					RCPTS - 123D #					540 VA	540 VA		FLOOR BOXES - 123...						20 A	1	6
7	1	20 A					RCPTS - 123C #	720 VA	540 VA						RCPTS - 123C #						20 A	1	8
9	1	20 A					RCPTS - 123C #			540 VA	720 VA				FLOOR BOXES - 123...						20 A	1	10
11	1	20 A					FLOOR BOXES - 123...					720 VA	720 VA		FLOOR BOXES - 123...						20 A	1	12
13	1	20 A					FLOOR BOXES - 123...	720 VA	720 VA						FLOOR BOXES - 123...						20 A	1	14
15	1	20 A					FLOOR BOXES - 123...			720 VA	0 VA												16
17												0 VA	0 VA		SPARE #						20 A	3	18
19	3	20 A					SPARE #	0 VA	0 VA														20
21										0 VA	0 VA				SPARE #								22
23												0 VA	0 VA										24
25	3	20 A					SPARE #	0 VA	0 VA						SPARE #						20 A	3	26
27										0 VA	0 VA												28
29												0 VA	0 VA		SPARE #						20 A	3	30
31	3	20 A					SPARE #	0 VA	0 VA														32
33										0 VA	0 VA												34
35												0 VA	0 VA		SPARE #						20 A	3	36
37	2	50 A					SPARE #	0 VA	0 VA														38
39	2	50 A					SPARE #			0 VA	0 VA				SPARE #						20 A	1	40
41												0 VA	0 VA		SPARESPARE #						20 A	1	42
TOTAL CONNECTED LOAD PER PHASE...								3420 VA		3420 VA		2520 VA		# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...									
* -GFCI BREAKER ** -SHUNT TRIP BREAKER								A		B		C											
TOTAL CONNECTED LOAD: 26 A																							
TOTAL CONNECTED LOAD: 9.360 KVA								SUPPLIED FROM: SD3P1-1															

NOTE: BREAKERS SHOWN FOR S3P1-2 S1 AND S3P1-2 S2 REPRESENT THE TOTAL NUMBER OF EXISTING BREAKERS BETWEEN THE TWO PANELS. BREAKERS WILL NEED TO BE RELOCATED BETWEEN THE TWO PANELS TO ACCOMPLISH THE PROVIDED SCHEDULES.

PANELBOARD: S3P1-4 (RELOCATED)																																		
Location: COMPUTER LAB 121					Surface MOUNTED					10k					SYM. A.I.C....					ENCLOSURE TYPE Type 1														
225 AMP MAIN (LUGS) OR										AMP MAIN BREAKER WITH										AMP TRIP														
208Y/120 VOLTS										3 PHASE					4 WIRE					60 HERTZ					225 AMP BUS					SE LABEL				
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.													
1	1	20 A					RCPTS - 121 #	360 VA	360 VA					RCPTS - 121 #					20 A	1	2													
3	1	20 A					RCPTS - 122 #			540 VA	2500 VA			RCPT - DRYER (195.4)					30 A	2	4													
5	1	20 A					RCPTS - 196 #					540 VA	2500 VA								6													
7	1	20 A					RCPTS - 121 #	360 VA	540 VA					RCPTS - 121 #					20 A	1	8													
9	1	20 A	#8	3	#10	3/4"	RCPT - 122B #			180 VA	360 VA			RCPTS - CORR 117.9...					20 A	1	10													
11	1	20 A					RCPT - WASH (195.4) #					180 VA	360 VA	RCPTS - CORR 123.9...					20 A	1	12													
13	1	20 A					RCPTS - 122 #	540 VA	1000 VA					RCPT - ICE (196) #					20 A	1	14													
15	1	20 A					RCPTS - 195.2/195.3 #			360 VA	360 VA			RCPTS - 122 #					20 A	1	16													
17	1	20 A					RCPTS - 195.4, 136.4 #					360 VA	360 VA	RCPTS - 122 #					20 A	1	18													
19	1	20 A					RCPT - 122B #	180 VA	360 VA					RCPTS - 196 #					20 A	1	20													
21	1	20 A					RCPTS - 121 #			360 VA	0 VA			SPARE #					20 A	1	22													
23	1	20 A					RCPTS - 121 #					360 VA	0 VA	SPARE #					20 A	1	24													
25	1	20 A					RCPTS - 122 #	360 VA	360 VA					RCPTS - 122 #					20 A	1	26													
27	1	20 A					SPARE #			0 VA	0 VA			SPARE #					20 A	1	28													
29	1	20 A					SPARE #					0 VA	0 VA	SPARE #					20 A	1	30													
31	1	20 A					RCPTS - 121 #	360 VA	0 VA					SPARE #					20 A	1	32													
33	1	20 A					SPARE #			0 VA	0 VA			SPARE #					20 A	1	34													
35	1	20 A					SPARE #					0 VA	0 VA	SPARE #					20 A	1	36													
37	1	20 A					SPARE #	0 VA	0 VA					SPARE #					20 A	1	38													
39	1	20 A					SPARE #			0 VA	0 VA			SPARE #					20 A	1	40													
41	1	20 A					SPARE #					0 VA	0 VA	SPARE #					20 A	1	42													
TOTAL CONNECTED LOAD PER PHASE...								4780 VA		4660 VA		4660 VA		# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...																				
* -GFCI BREAKER ** -SHUNT TRIP BREAKER								A		B		C																						
TOTAL CONNECTED LOAD: 39 A																																		
TOTAL CONNECTED LOAD: 14,100 KVA																																		
SUPPLIED FROM: SD3P1-1																																		

PANELBOARD: S1P1-2 SECT2 (EXISTING)																							
Location: ELEC RM 136.1						Surface MOUNTED				10K				SYM. A.I.C....				ENCLOSURE TYPE Type 1					
100 AMP MAIN (LUGS) OR						AMP MAIN BREAKER WITH						AMP TRIP						SE LABEL					
208Y/120		VOLTS		3		PHASE		4		WIRE		60		HERTZ		100		AMP BUS					
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG	CONDUIT INCH	LOAD SERVED	A		B		C		LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.		
1	3	15 A	#12	3	#12	3/4"	NORTH BLEACHERS #	1322 VA	1322 VA					SOUTH BLEACHERS #	3/4"	#12	3	#12	20 A	3	2		
3							EXISTING LOAD #	0 VA	1173 VA					EXISTING LOAD #					15 A	1	8		
5							EXISTING LOAD #			0 VA	0 VA			EXISTING LOAD #					20 A	1	10		
7							EXISTING LOAD #					0 VA	0 VA	EXISTING LOAD #					20 A	1	12		
9							BACKSTOP	1173 VA	1173 VA					BACKSTOP					15 A	1	14		
11							BACKSTOP			1173 VA	1173 VA			BACKSTOP					15 A	1	16		
13							BACKSTOP					1173 VA	1173 VA	BACKSTOP					15 A	1	18		
15							BACKSTOP	1173 VA	1173 VA					BACKSTOP					15 A	1	20		
17							BACKSTOP			1173 VA	1173 VA			BACKSTOP					15 A	1	22		
19							BACKSTOP					1173 VA	1173 VA	BACKSTOP					20 A	1	24		
21							BACKSTOP	437 VA	100 VA					ROLL CURTAIN (136) #					20 A	1	26		
23							RCPTS - MECH 300 #			720 VA	1200 VA			CONN. VBOARD...					20 A	1	28		
25	--	--					SPACE					0 VA	240 VA	RCPTS - SHOT CLOCK					20 A	1	30		
27	--	--					SPACE	0 VA	0 VA					SPACE				--	--	32			
29	--	--					SPACE			0 VA	0 VA			SPACE				--	--	34			
31	--	--					SPACE					0 VA	0 VA	SPACE				--	--	36			
33	--	--					SPACE	0 VA	0 VA					SPACE				--	--	38			
35	--	--					SPACE			0 VA	0 VA			SPACE				--	--	40			
37	--	--					SPACE					0 VA	0 VA	SPACE				--	--	42			
39	--	--					SPACE							SPACE				--	--				
41	--	--					SPACE							SPACE				--	--				
TOTAL CONNECTED LOAD PER PHASE...								9045 VA		9255 VA		6839 VA		# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...									
* -GFCI BREAKER ** -SHUNT TRIP BREAKER								A		B		C											
TOTAL CONNECTED LOAD: 70 A																							
TOTAL CONNECTED LOAD: 25.140 KVA																							
								SUPPLIED FROM: _____															

PANELBOARD: 1P2-1																																																	
Location: CORRIDOR 212.99					Recessed MOUNTED					20k					SYM. A.I.C....					ENCLOSURE TYPE Type 1																													
400 AMP MAIN (LUGS) OR					AMP MAIN BREAKER WITH					AMP TRIP					SE LABEL																																		
480Y/277					VOLTS					3					PHASE					4					WIRE					60					HERTZ					400					AMP BUS				
CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.																															
1	1	20 A					HEATER 214a #	0 VA	0 VA							20 A	1	2																															
3	1	20 A					HEATER 210a #		0 VA	0 VA						20 A	1	4																															
5	1	20 A					HEATER 208 #	0 VA	0 VA		0 VA	0 VA				20 A	1	6																															
7	1	20 A					HEATER 210/212 #		0 VA	0 VA		0 VA	0 VA			20 A	1	8																															
9	1	20 A					HEATER 210/212									20 A	3	10																															
11	--	--					SPACE				0 VA	0 VA						12																															
13								0 VA	6928 VA									14																															
15	3	20 A	EXG	EXG	EXG	EXG	FAN RM 210 (EXG) #		0 VA	6928 VA						RCU-2 (ROOF) #	3/4"	#10	3																														
17											0 VA	6928 VA						16																															
19								0 VA	0 VA									18																															
21	3	50 A	EXG	EXG	EXG	EXG	PANEL 21P2-1C (EXG) #		0 VA	0 VA						XFMR 5-3 S1P2-1 (EXG) #	EXG	EXG	EXG																														
23																EXG	EXG	EXG	50 A																														
25								0 VA	0 VA									24																															
27	3	50 A	EXG	EXG	EXG	EXG	XFMR T-4 (EXG) #			0 VA	0 VA					PANEL S1P1-1 (EXG) #	EXG	EXG	EXG																														
29												0 VA	0 VA			EXG	EXG	EXG	40 A																														
31								0 VA	4988 VA									30																															
33	3	30 A	EXG	EXG	EXG	EXG	HEATER 213/215/217/218 (EXG) #		0 VA	4988 VA		0 VA	4988 VA			RCU-1 (COMP1)	3/4"	#10	3																														
35													0 VA	4988 VA			#10	25 A	3																														
37								4988 VA	4988 VA									36																															
39	3	25 A	#10	3	#10	3/4"	RCU-1 (COMP2)		4988 VA	4988 VA		4988 VA	4988 VA			RCU-1 (COMP3)	3/4"	#10	3																														
41																		38																															
TOTAL CONNECTED LOAD PER PHASE...								21893 VA	21893 VA	21893 VA	# -PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...																																						
* -GFCI BREAKER ** -SHUNT TRIP BREAKER								A	B	C																																							
TOTAL CONNECTED LOAD: 79 A								SUPPLIED FROM: _____																																									
TOTAL CONNECTED LOAD: 65.680 KVA																																																	

PANELBOARD: 1P2-2

Location: MECHANICAL...

Surface MOUNTED

35k

SYM. A.I.C....

ENCLOSURE TYPE Type 1

400 AMP MAIN (LUGS) OR

AMP MAIN BREAKER WITH

AMP TRIP

SE LABEL

480Y/277

VOLTS

3

PHASE

4

WIRE

60

HERTZ

400

AMP BUS

CKT NO.	POLES	TRIP AMPS	WIRE AWG	# OF WIRES	GRN. AWG	CONDUIT INCH	LOAD SERVED	A	B	C	LOAD SERVED	CONDUIT INCH	GRN. AWG	# OF WIRES	WIRE AWG	TRIP AMPS	POLES	CKT NO.
1							AHU-5(E) #	5820 VA 0 VA										2
3	3	50 A	#8	3	#10	3/4"			5820 VA 0 VA	5820 VA 0 VA	SPARE #					20 A	3	4
5							SPARE #	0 VA 0 VA										6
7									0 VA 0 VA		SPARE #							8
9	3	40 A							0 VA 0 VA	0 VA 0 VA						30 A	3	10
11										0 VA 0 VA								12
13								0 VA 1381 VA										14
15	3	30 A					SPARE #		0 VA 1381 VA		AHU-6(E) #	3/4"	#12	3	#12	20 A	3	16
17										0 VA 1381 VA								18
19								2106 VA 2106 VA										20
21	3	20 A	#12	3	#12	3/4"	AHU-4(E) #		2106 VA 2106 VA	2106 VA 2106 VA	AHU-7(E) #	3/4"	#12	3	#12	20 A	3	22
23										2106 VA 2106 VA								24
25								0 VA 942 VA										26
27	3	20 A					SPARE #		0 VA 942 VA		AHU-8(E) #	3/4"	#12	3	#12	20 A	3	28
29										0 VA 942 VA								30
31								0 VA 0 VA										32
33	3	20 A					SPARE #		0 VA 0 VA	0 VA 0 VA	SPARE #					20 A	3	34
35										0 VA 0 VA								36
37								0 VA 0 VA			SPARE #					20 A	1	38
39	3	20 A					SPARE #		0 VA 0 VA		SPACE					--	--	40
41										0 VA	SPACE					--	--	42
TOTAL CONNECTED LOAD PER PHASE...								12356 VA	12356 VA	12356 VA								
								A	B	C								

*-GFCI BREAKER ** -SHUNT TRIP BREAKER

TOTAL CONNECTED LOAD: 45 A

TOTAL CONNECTED LOAD: 37.067 KVA

-PROVIDE BREAKER AS REQUIRED BY PANELBOARD MANUFACTURER FOR...

SUPPLIED FROM:

PANELBOARD: 2P2-3
Location: SR. HIGH MECHANIC... Surface MOUNTED 35k SYM. A.I.C.... ENCLOSURE TYPE Type 1
400 AMP MAIN (LUGS) OR AMP MAIN BREAKER WITH AMP TRIP
480Y/277 VOLTS 3 PHASE 4 WIRE 60 HERTZ 600 AMP BUS SE LABEL
Table with 20 columns: CKT NO., POLES, TRIP AMPS, WIRE AWG, # OF WIRES, GRN. AWG, CONDUIT INCH, LOAD SERVED, A, B, C, LOAD SERVED, CONDUIT INCH, GRN. AWG, # OF WIRES, WIRE AWG, TRIP AMPS, POLES, CKT NO.
TOTAL CONNECTED LOAD: 1 A
TOTAL CONNECTED LOAD: 1.226 KVA

PANELBOARD: 1P2-3
Location: MECHANICAL... Surface MOUNTED 35k SYM. A.I.C.... ENCLOSURE TYPE Type 1
400 AMP MAIN (LUGS) OR AMP MAIN BREAKER WITH AMP TRIP
480Y/277 VOLTS 3 PHASE 4 WIRE 60 HERTZ 400 AMP BUS SE LABEL
Table with 20 columns: CKT NO., POLES, TRIP AMPS, WIRE AWG, # OF WIRES, GRN. AWG, CONDUIT INCH, LOAD SERVED, A, B, C, LOAD SERVED, CONDUIT INCH, GRN. AWG, # OF WIRES, WIRE AWG, TRIP AMPS, POLES, CKT NO.
TOTAL CONNECTED LOAD: 38 A
TOTAL CONNECTED LOAD: 31.939 KVA

PANELBOARD: 3L1-1
Location: CORRIDOR 123 99 Recessed MOUNTED 20k SYM. A.I.C.... ENCLOSURE TYPE Type 1
100 AMP MAIN (LUGS) OR AMP MAIN BREAKER WITH AMP TRIP
480Y/277 VOLTS 3 PHASE 4 WIRE 60 HERTZ 100 AMP BUS SE LABEL
Table with 20 columns: CKT NO., POLES, TRIP AMPS, WIRE AWG, # OF WIRES, GRN. AWG, CONDUIT INCH, LOAD SERVED, A, B, C, LOAD SERVED, CONDUIT INCH, GRN. AWG, # OF WIRES, WIRE AWG, TRIP AMPS, POLES, CKT NO.
TOTAL CONNECTED LOAD: 6 A
TOTAL CONNECTED LOAD: 5.028 KVA

PANELBOARD: 2P2-1
Location: CORRIDOR 273 99 Recessed MOUNTED SYM. A.I.C.... ENCLOSURE TYPE Type 1
400 AMP MAIN (LUGS) OR AMP MAIN BREAKER WITH AMP TRIP
480Y/277 VOLTS 3 PHASE 4 WIRE 60 HERTZ 400 AMP BUS SE LABEL
Table with 20 columns: CKT NO., POLES, TRIP AMPS, WIRE AWG, # OF WIRES, GRN. AWG, CONDUIT INCH, LOAD SERVED, A, B, C, LOAD SERVED, CONDUIT INCH, GRN. AWG, # OF WIRES, WIRE AWG, TRIP AMPS, POLES, CKT NO.
TOTAL CONNECTED LOAD: 50 A
TOTAL CONNECTED LOAD: 41.570 KVA

PANELBOARD: 2P2-2
Location: SR. HIGH MECHANIC... Surface MOUNTED 35k SYM. A.I.C.... ENCLOSURE TYPE Type 1
AMP MAIN (LUGS) OR 175 AMP MAIN BREAKER WITH 175 AMP TRIP
480Y/277 VOLTS 3 PHASE 4 WIRE 60 HERTZ 400 AMP BUS SE LABEL
Table with 20 columns: CKT NO., POLES, TRIP AMPS, WIRE AWG, # OF WIRES, GRN. AWG, CONDUIT INCH, LOAD SERVED, A, B, C, LOAD SERVED, CONDUIT INCH, GRN. AWG, # OF WIRES, WIRE AWG, TRIP AMPS, POLES, CKT NO.
TOTAL CONNECTED LOAD: 86 A
TOTAL CONNECTED LOAD: 71.499 KVA

General Notes

- A. FOR GENERAL NOTES, REFER TO DRAWING AE600.
- B. FOR ALL EXISTING OR RELOCATED PANELS, EXISTING BREAKERS ARE INDICATED WITH #.
- C. PROVIDE UPDATED PANEL SCHEDULES IN ALL PANELS THAT RECEIVE NEW LOADS. WHERE AN EXISTING LOAD IS INDICATED, PROVIDE SIMILAR DESCRIPTION AS EXISTING PANEL SCHEDULE. WHERE BREAKERS ARE TO BE REMOVED FROM EXISTING OR RELOCATED PANELS TO MAKE SPACE FOR NEW LOADS, TURN OVER BREAKERS TO OWNER.
- D. SPARE BREAKERS ARE TO BE LEFT IN THE OFF POSITION.

SED Control No. 60-01-01-06-0-018-023

Rev. No.: Date: Description:



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Tetra Tech Engineers, Architects & Landscape Architects, P.C.
BID SET



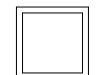

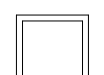

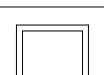

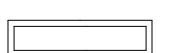

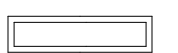
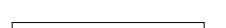











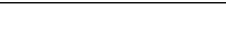
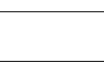

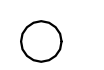

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Panel Schedules

Drawn By: AEL Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003 AE603

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
A																
B																
C																
D																
E																
F																
G																
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LUMINAIRE SCHEDULE 277V								
TYPE	SYMBOL	DESCRIPTION	LAMPS			MANUFACTURERS (OR EQUAL)		
			WATTAGE	LUMENS	TYPE	NAME	MODEL OR SERIES	MOUNTING HEIGHT
1		2' x 2' FLAT PANEL (RECESSED)	25	2900	LED	UTOPIA LIGHTING	ULP-2G-22-L25-3500	GRID
1 EM		SAME AS TYPE 1 - WITH INTEGRAL BATTERY	25	2900	LED	UTOPIA LIGHTING	ULP-2G-22-L25-3500	GRID
2		2' x 2' FLAT PANEL (RECESSED)	30	3390	LED	UTOPIA LIGHTING	ULP-2G-22-L30-3500	GRID
2 EM		SAME AS TYPE 2 - WITH INTEGRAL BATTERY	30	3390	LED	UTOPIA LIGHTING	ULP-2G-22-L30-3500	GRID
3		2' x 2' FLAT PANEL WITH SURFACE MOUNT KIT	40	4404	LED	UTOPIA LIGHTING	ULP-2G-22-L40-3500	SURFACE
3 EM		SAME AS TYPE 3 - WITH INTEGRAL BATTERY	40	4404	LED	UTOPIA LIGHTING	ULP-2G-22-L40-3500	SURFACE
4								
4 EM								
5		1' x 4' INDUSTRIAL	30	3900	LED	UTOPIA LIGHTING	ELS-4-L30-35-UNV	SUSPENDED 8'-0" AFF TO BOTTOM OF LUMINAIRE
5 EM		SAME AS TYPE 2 - WITH INTEGRAL BATTERY	30	3900	LED	UTOPIA LIGHTING	ELS-4-L30-35-UNV	SUSPENDED 8'-0" AFF TO BOTTOM OF LUMINAIRE
6		4' WALL MOUNT VANITY	30	3682	LED	UTOPIA LIGHTING	SS-4-36+3500-80-SF-UNV	WALL MOUNT 7'-0" AFF TO BOTTOM OF LUMINAIRE
7		2.5' LINEAR RECESSED GERMICIAL - SEE LIGHTING PLANS FOR LENGTHS	63	2615	LED	AMERLUX	GRUV2.5-VYV/PL.16AL40	GYP
7 EM		SAME AS TYPE 7 - WITH INTEGRAL BATTERY	63	2615	LED	AMERLUX	GRUV2.5-VYV/PL.16AL40	GYP
8		FULL RGBWW COLOR CHANGING AND TUNABLE WHITE HIGH BAY (SUSPENDED)	346.7	32056	LED	SPORTSBEAMS	CHROMABEAMS LED 350 CRI 90	SUSPENDED 18'-9" AFF TO BOTTOM OF LUMINAIRE
8 EM		SAME AS TYPE 8 - CONNECTED TO MINIATURE INVERTER, 90 MINUTES MINIMUM BACKUP, 20% OUTPUT	346.7	32056	LED	SPORTSBEAMS	CHROMABEAMS LED 350 CRI 90	SUSPENDED 18'-9" AFF TO BOTTOM OF LUMINAIRE
9		4' GERMICIAL DOWNLIGHT	125	10706	LED	UTOPIA LIGHTING	VR9-4-108LED-35K-UV-UNV-GR	SURFACE MOUNTED TO DECK BETWEEN JOISTS
9 EM		SAME AS TYPE 9 - CONNECTED TO MINIATURE INVERTER, 90 MINUTES MINIMUM BACKUP	125	10706	LED	UTOPIA LIGHTING	VR9-4-108LED 35K-UV-UNV-GR-EM15	SURFACE MOUNTED TO DECK BETWEEN JOISTS
10		1.5' LINEAR RECESSED GERMICIAL - SEE LIGHTING PLANS FOR LENGTHS	11 watts/ft	.012 lumens/watt	LED	AMERLUX	LIN1.5-D-ASY-ASW10-5-LED-3000-HW	SURFACE (GRID AND JOISTS) REFER TO LIGHTING PLANS
10 EM		SAME AS TYPE 10 - WITH INTEGRAL BATTERY	11 watts/ft	.012 lumens/watt	LED	AMERLUX	LIN1.5-D-ASY-ASW10-5-LED-3000-HW	SURFACE (GRID AND JOISTS) REFER TO LIGHTING PLANS
11		1.5' LINEAR - SEE LIGHTING PLANS FOR LENGTHS	10 watts/ft	.3691 lumens/foot	LED	AMERLUX	LIN1.5-D-ASY-ASW10-5-LED-3000-HW	SURFACE (JOISTS) REFER TO LIGHTING PLANS
11 EM		SAME AS TYPE 11 - WITH INTEGRAL BATTERY	10 watts/ft	.3691 lumens/foot	LED	AMERLUX	LIN1.5-D-ASY-ASW10-5-LED-3000-HW	SURFACE (JOISTS) REFER TO LIGHTING PLANS
12		1.5' LINEAR GERMICIAL - SEE LIGHTING PLANS FOR LENGTHS	16 watts/ft	.2615 lumens/foot	LED	AMERLUX	LIN2.5D-VYV/PL.16.AL.40.AW	SURFACE (JOISTS) REFER TO LIGHTING PLANS
12 EM		SAME AS TYPE 12 - WITH INTEGRAL BATTERY	16 watts/ft	.2615 lumens/foot	LED	AMERLUX	LIN2.5D-VYV/PL.16.AL.40.AW	SURFACE (JOISTS) REFER TO LIGHTING PLANS
13 EM		4' EXPLOSION PROOF DOWNLIGHT WITH INTEGRAL BATTERY	80	9560	LED	LDPI	LEXS-L2-L1-V4-V110-C-EM	SURFACE MOUNTED TO DECK BETWEEN JOISTS
20		EXIT SIGN (SINGLE FACE/DBL FACE) CEILING MOUNT WITH INTEGRAL BATTERY - SEE PLANS FOR DIRECTIONAL INDICATORS	4.8		LED	H.E WILLIAMS	EXIT-R-EM-WHT	CEILING OR MOUNTED ABOVE DOOR HEADER
40		SURFACE CANOPY DOWNLIGHT	36	4459	LED	DECO LIGHTING	D500-LED-36-40-UNV	SURFACE CANOPY
40 EM		SAME AS TYPE 40 - WITH INTEGRAL BATTERY	36	4459	LED	DECO LIGHTING	D500-LED-36-40-UNV	SURFACE CANOPY
41 EM		2.7' x 3.6' EXTERIOR WET LOCATION (WALL MOUNT) WITH INTEGRAL BATTERY REFER TO PLANS FOR LENGTH	71 foot	457 lumens/foot	LED	CORONET	LS WET 2.5-X-35-446-SDEMPCCK	WALL MOUNT 3" ABOVE DOOR HEADER

* MANUFACTURER AND MODEL NUMBER ARE PROVIDED TO SHOW BASIS OF DESIGN ONLY.

1 Luminaire Schedule
NTS

SED Control No. 60-01-01-06-0-018-023

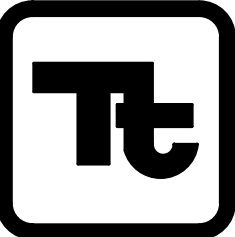
Rev. No.:	Date:	Description:
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ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

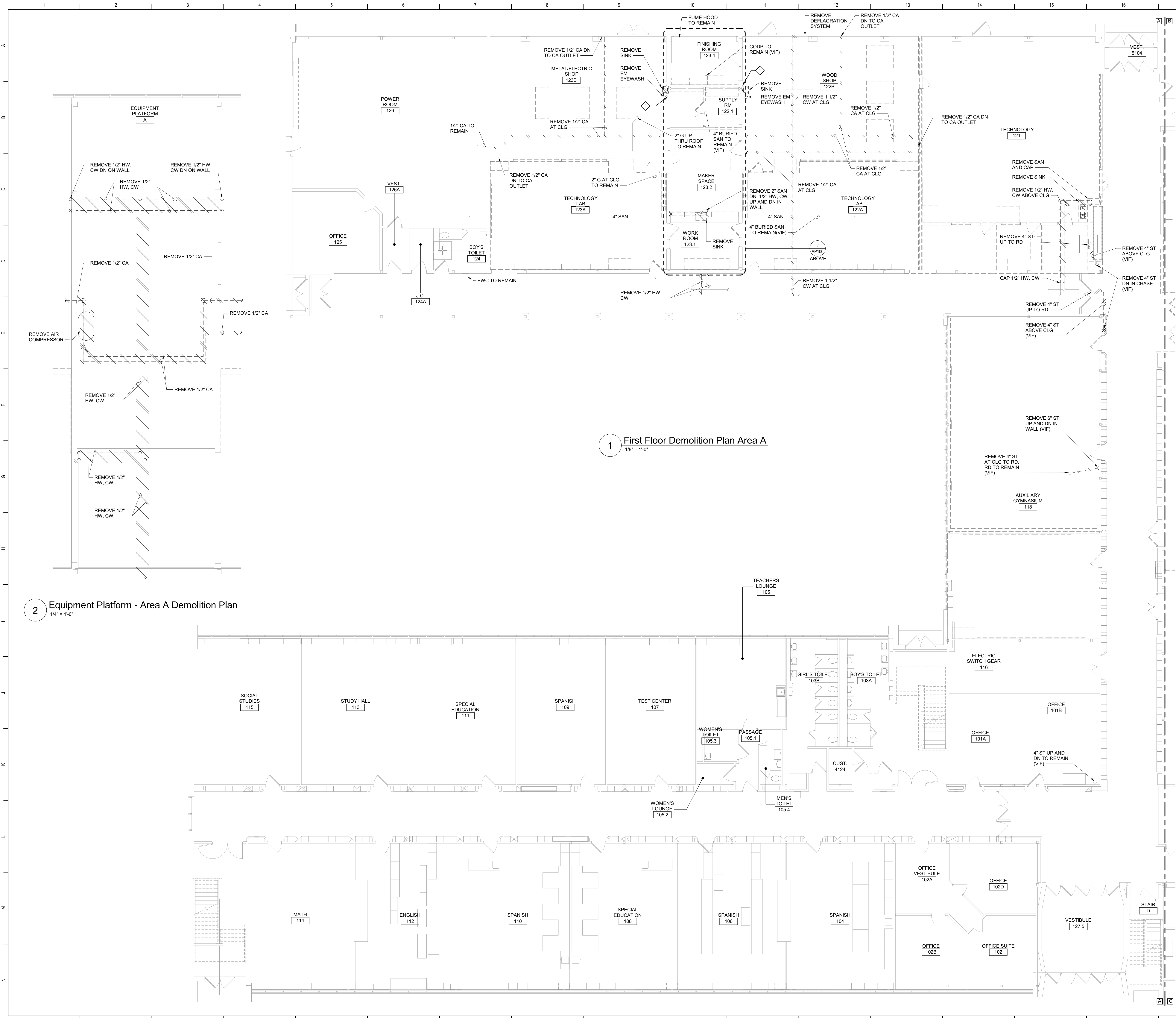
Luminaire Schedule

Drawn By:
CR

Date:
05/19/2023

Project No.:
339070-22003

Drawing Number:
AE604



General Notes

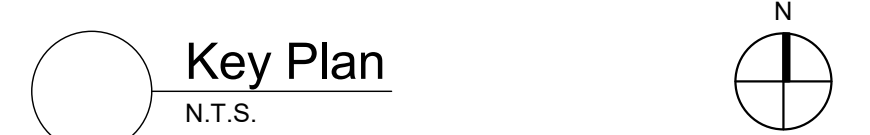
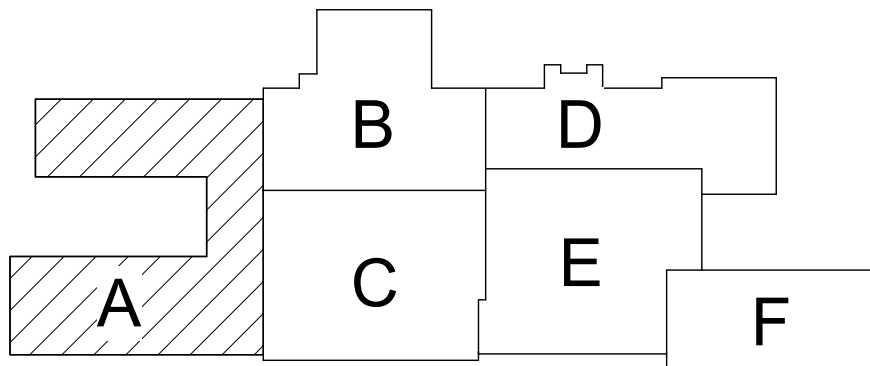
- A. VERIFY ALL PIPING LOCATIONS, SIZES, AND ARRANGEMENTS IN FIELD PRIOR TO BID. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES.
- B. VERIFY IN FIELD INVERT AND DIRECTION OF FLOW IN EXISTING SOIL PIPE WHERE NEW SOIL PIPE IS TO BE CONNECTED TO EXISTING SOIL PIPE.
- C. LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS.
- D. INCLUDE TRENCHING, CUTTING AND PATCHING OF FLOORS, WALLS AND CEILINGS, INCLUDING CEILING TILE REMOVAL AND REPLACEMENT, WHEN REQUIRED FOR PLUMBING WORK. PATCH ABANDONED OPENINGS AND DISTURBED FINISHES TO MATCH EXISTING. TAKE PRECAUTIONS TO PROTECT STRUCTURAL INTEGRITY OF FLOOR OR WALLS WHEN TRENCHING OR CUTTING.
- E. MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.
- F. REFER TO DRAWING AP500 FOR PLUMBING FIXTURE SCHEDULE.
- G. PROVIDE THROUGH PENETRATION FIRESTOPPING FOR FIRE RATED WALLS AND FLOORS. PENETRATIONS THROUGH EXISTING WALLS AND FLOORS ARE CONSIDERED TWO-HOUR PARTITIONS UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO ARCHITECTURE OR CODE COMPLIANCE DRAWINGS FOR LOCATION OF FIRE RATED WALLS AND FLOORS.
- H. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OF BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE WALLS.
- I. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.

Asbestos Awareness - CMU Wall Paint

- 1. CMU WALL PAINT IS ASBESTOS CONTAINING AND IS PRESENT IN AREAS OF SCHEDULED WORK. ASBESTOS PAINT IS LIMITED TO CMU WALLS.
- 2. PERFORM WORK SUCH THAT NO PAINTED CMU WALL SURFACES ARE DISTURBED. DISTURBANCE INCLUDES, BUT IS NOT LIMITED TO DETACHMENT OF EXISTING ITEMS FROM THE WALL, ATTACHMENT OF NEW ITEMS TO THE WALL.
- 3. ADDITIONAL ASBESTOS CONTAINING ITEMS ARE PRESENT AND INDICATED ELSEWHERE WITHIN THE FACILITIES. REFER TO ON-SITE ASBESTOS DOCUMENTATION FOR FURTHER INFORMATION.
- 4. SHOULD ANY PAINTED CMU WALL SURFACE BE REQUIRE TO BE IMPACTED OR DISTURBED, CONSULT THE OWNER'S ENVIRONMENTAL CONSULTANT.

Plumbing Notes

- REMOVE 1/2" HOT WATER, 1/2" COLD WATER, 2" VENT, 3" SANITARY RACKED ON WALL.



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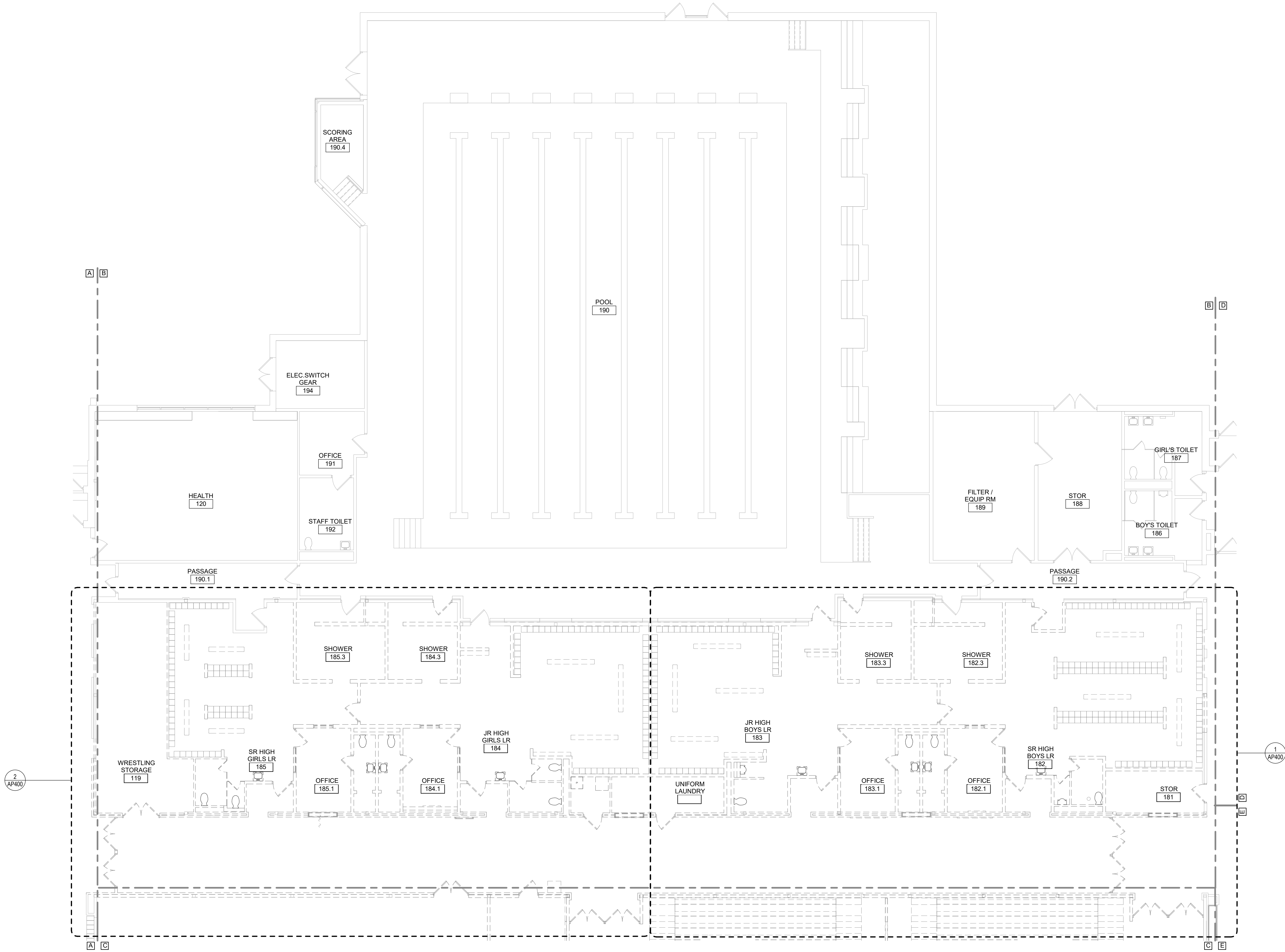


Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

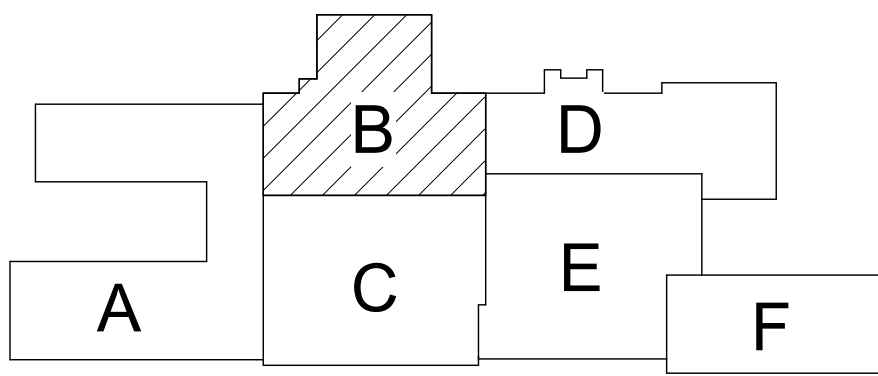
First Floor Demolition Plan Area A and
Enlarged Plans

Drawn By: DCG/ sef	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AP100



1 First Floor Demolition Plan Area B
1/8" = 1'-0"

Plan Notes
A. REFER TO DRAWING AP100 FOR GENERAL NOTES.



Key Plan
N.T.S.
SED Control No. 60-01-01-06-0-018-023

Rev. No.	Date	Description



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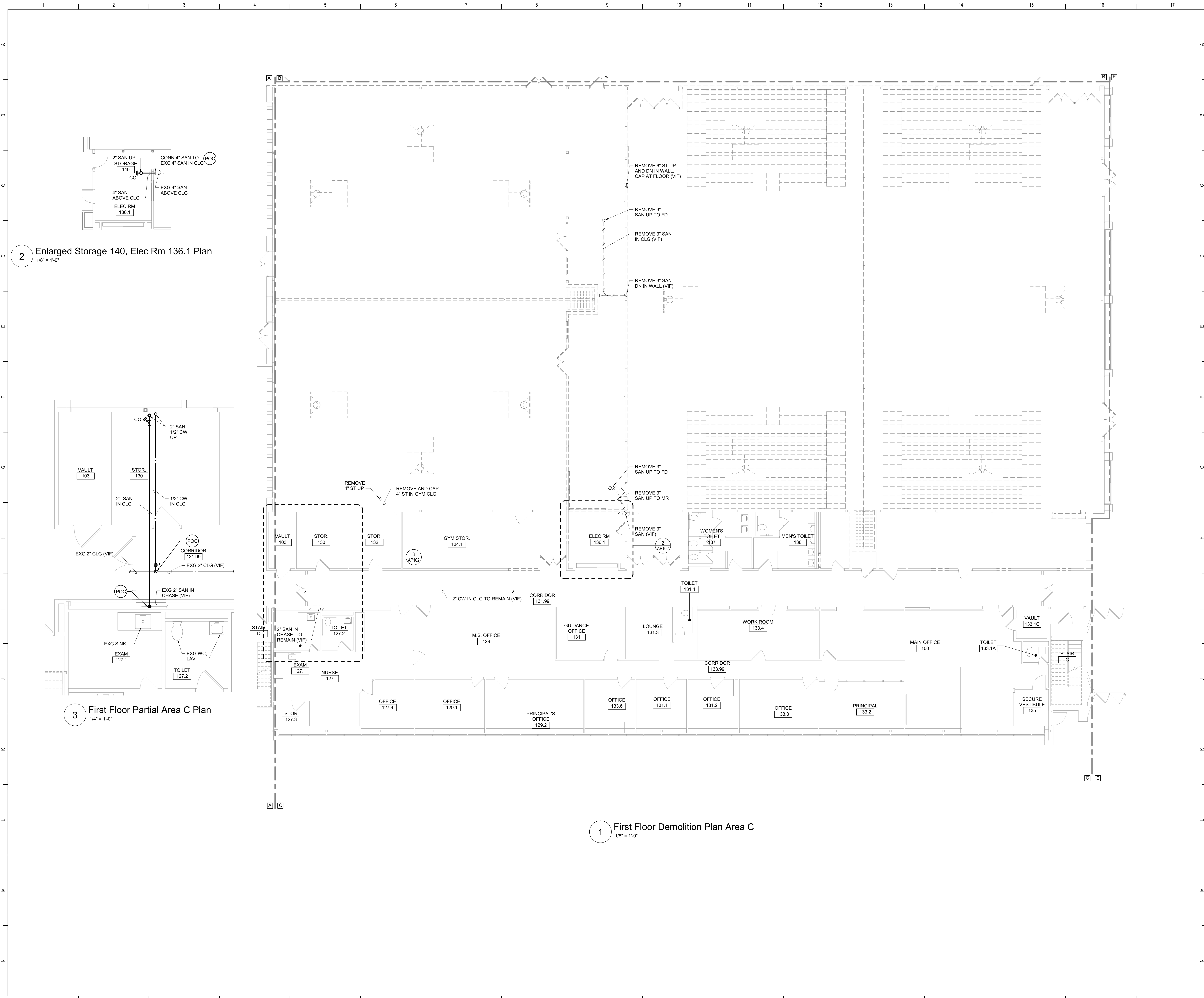
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Waverly Central School District
Waverly, NY

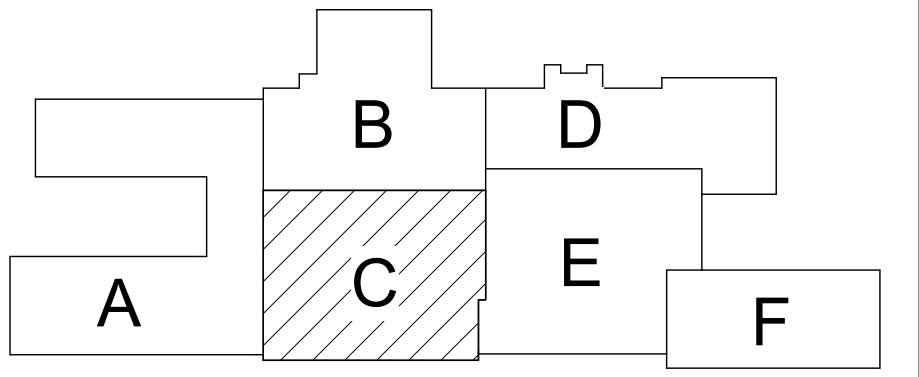
Additions and Alterations to:
Waverly Jr. Sr. High School

First Floor Demolition Plan Area B

Drawn By: DCG/ sef	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AP101



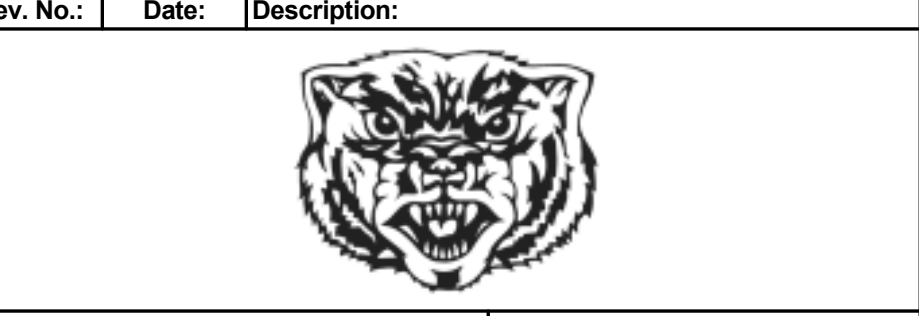
- Plan Notes**
- A. REFER TO DRAWING AP100 FOR GENERAL NOTES.
 - B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.
 - C. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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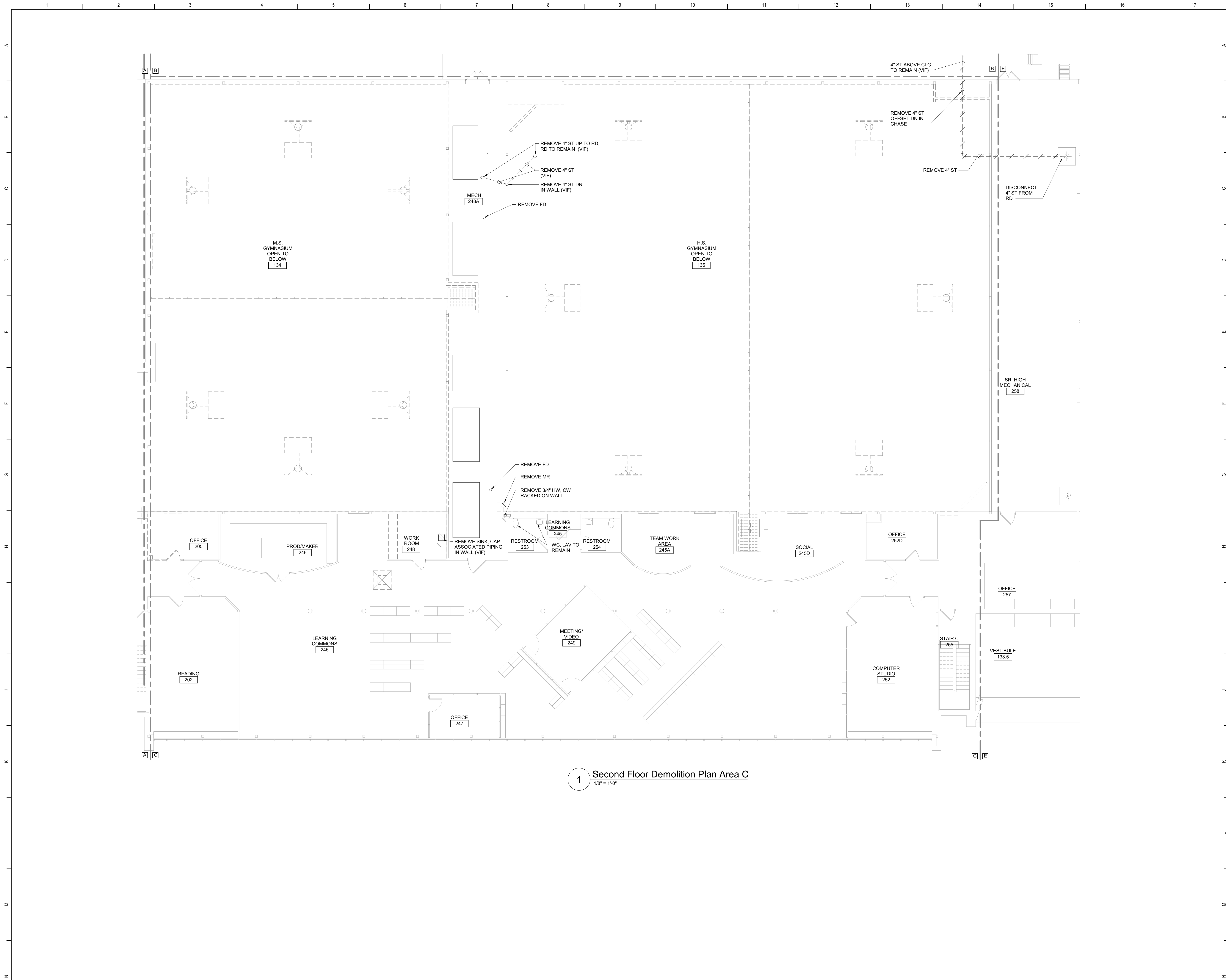
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

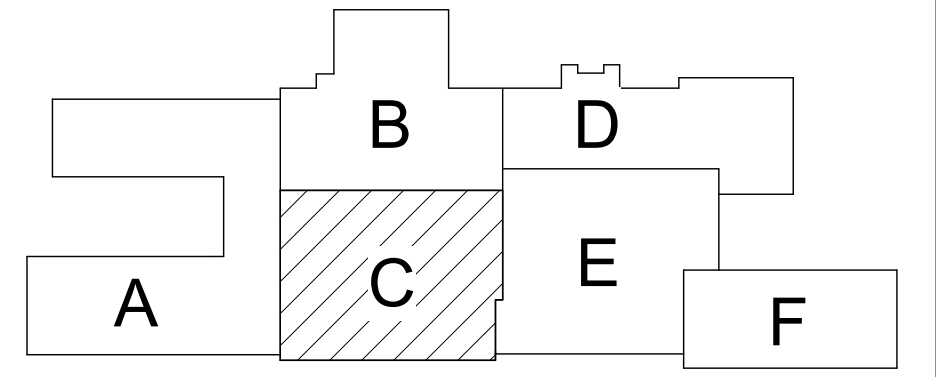
First Floor Plans - Area C

Drawn By: DCG/ sef	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AP102	



1 Second Floor Demolition Plan Area C
1/8" = 1'-0"

- Plan Notes**
- A. REFER TO DRAWING AP100 FOR GENERAL NOTES.
 - B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.
 - C. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.



Key Plan
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Rev. No.: Date: Description:



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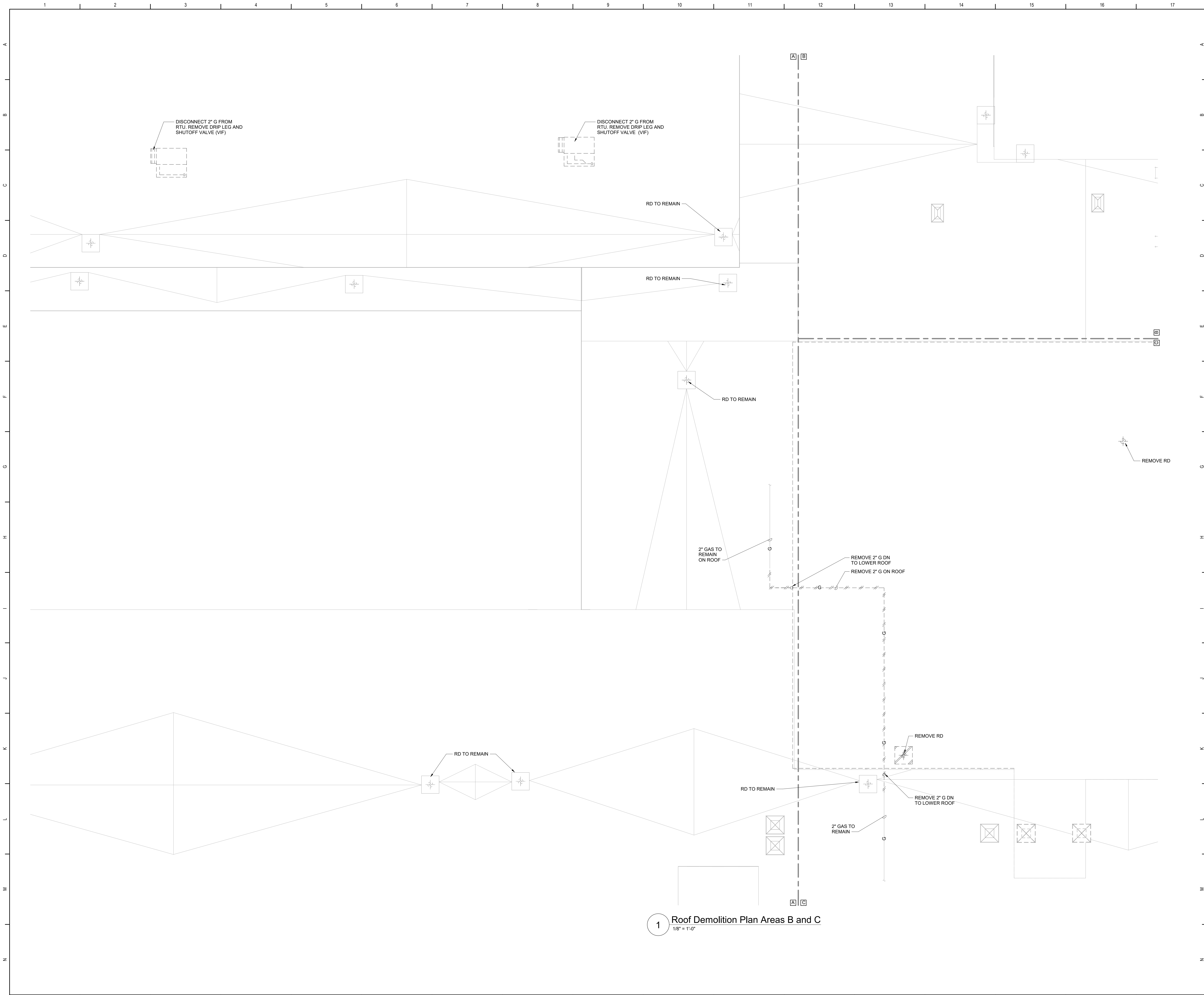


Waverly Central School District
Waverly, NY

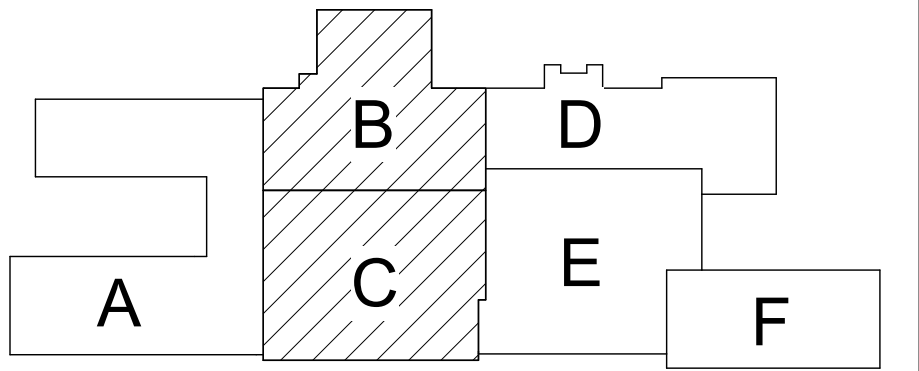
Additions and Alterations to:
Waverly Jr. Sr. High School

Second Floor Demolition Plan Area C

Drawn By: DCG/ sef	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003		AP103

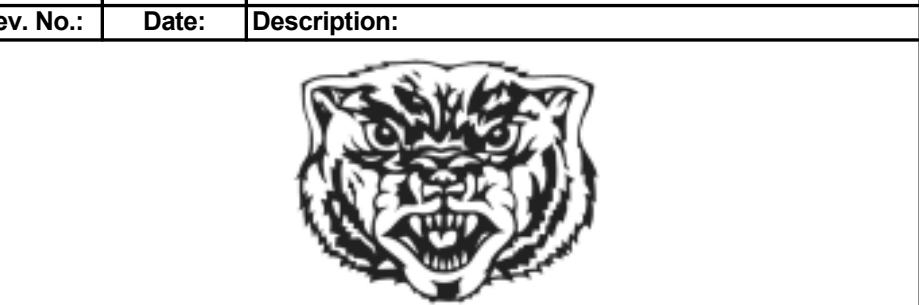


- Plan Notes**
- A. REFER TO DRAWING AP100 FOR GENERAL NOTES.
 - B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.



Key Plan
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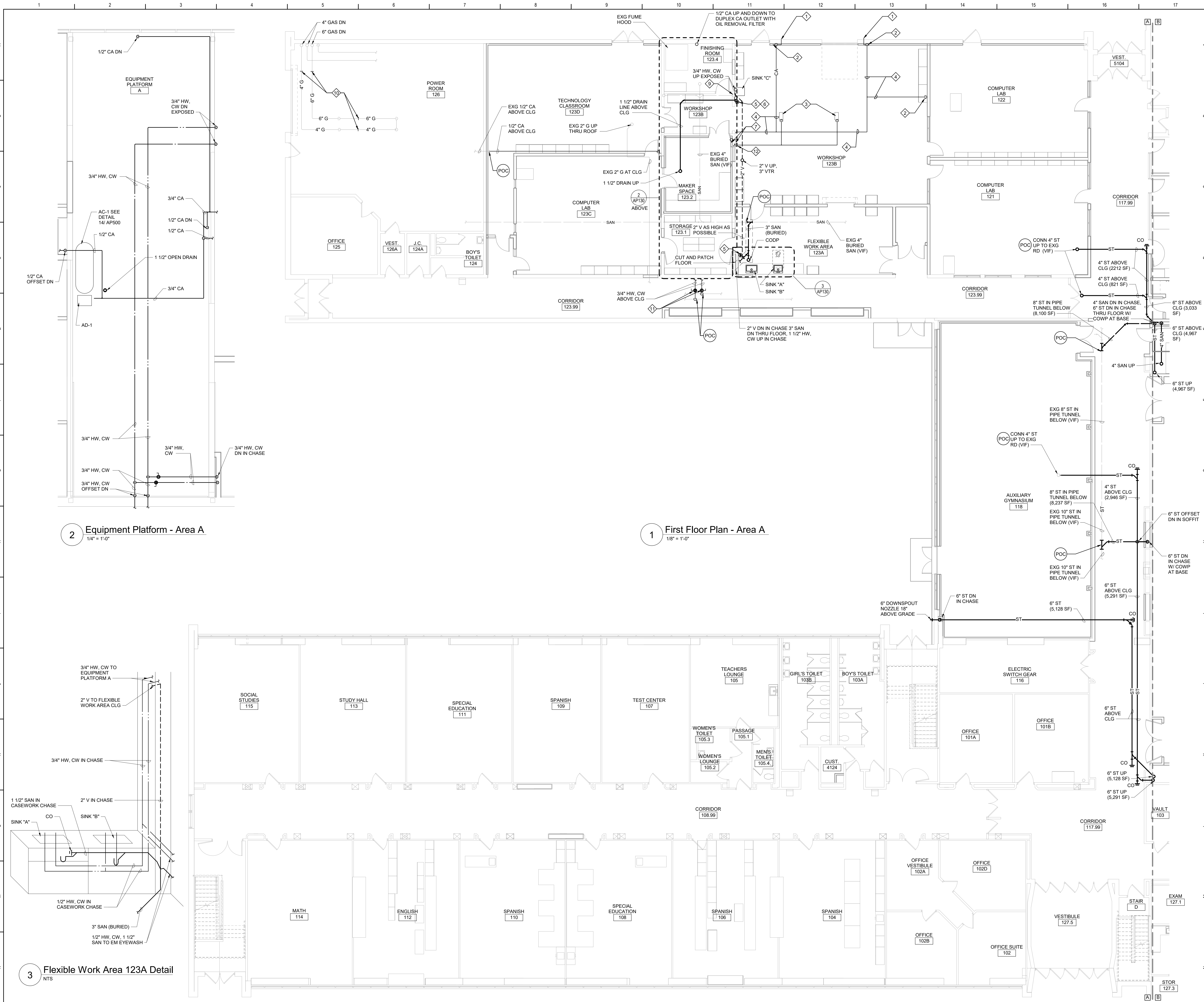


Waverly Central School District
Waverly, NY

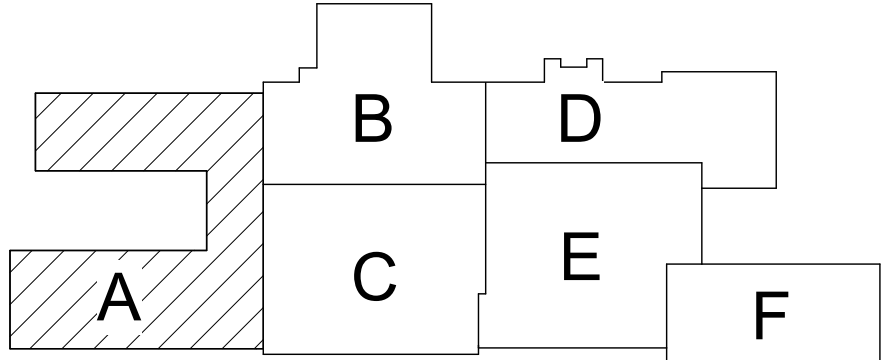
Additions and Alterations to:
Waverly Jr. Sr. High School

Roof Demolition Plan Areas B and C

Drawn By: DCG/ sef	Date: 05/19/2023	Drawing Number: AP104
Project No.: 339070-22003		



- ### Plan Notes
- A. REFER TO DRAWING AP100 FOR GENERAL NOTES.
- ### Plumbing Notes
- 1/2" COMPRESSED AIR DOWN EXPOSED TO EXTERIOR SIMPLEX OUTLET. SEE DETAIL 9/ AP500.
 - 1/2" COMPRESSED AIR DOWN EXPOSED TO DUPLEX OUTLET. SEE DETAIL 10/ AP500.
 - HOSE REEL WITH SIMPLEX COMPRESSED AIR OUTLET. SEE DETAIL 13/ AP500.
 - 3/4" COMPRESSED AIR AS HIGH AS POSSIBLE.
 - EMERGENCY EYEWASH. SEE DETAIL 11/ AP500.
 - CONNECT EMERGENCY EYEWASH SANITARY INTO EXISTING SANITARY IN WALL.
 - COMPRESSED AIR DUPLEX OUTLET WITH 1/2" COMPRESSED AIR UP TO EQUIPMENT PLATFORM A EXPOSED.
 - CONNECT SERVICE SINK SANITARY INTO EXISTING SANITARY IN WALL.
 - 2" VENT DOWN ON WALL EXPOSED. 1 1/2" DRAIN DOWN ON WALL EXPOSED INTO SINK.
 - REPLACE GAS COUPLING WITH WELDED BUTT FITTINGS (TYPICAL OF 4) VERIFY IN FIELD EXACT LOCATIONS.
 - BALL VALVES WITH SIGNAGE ABOVE CEILING. SIGNAGE TO READ " VALVES SERVING EMERGENCY FIXTURES. DO NOT SHUT OFF."
 - 1/2" COMPRESSED AIR DOWN ON WALL WITH FILTER/PRESSURE REGULATOR AND DRIP LEG/ DRAIN VALVE MOUNTED 36" ABOVE FINISHED FLOOR.



Key Plan
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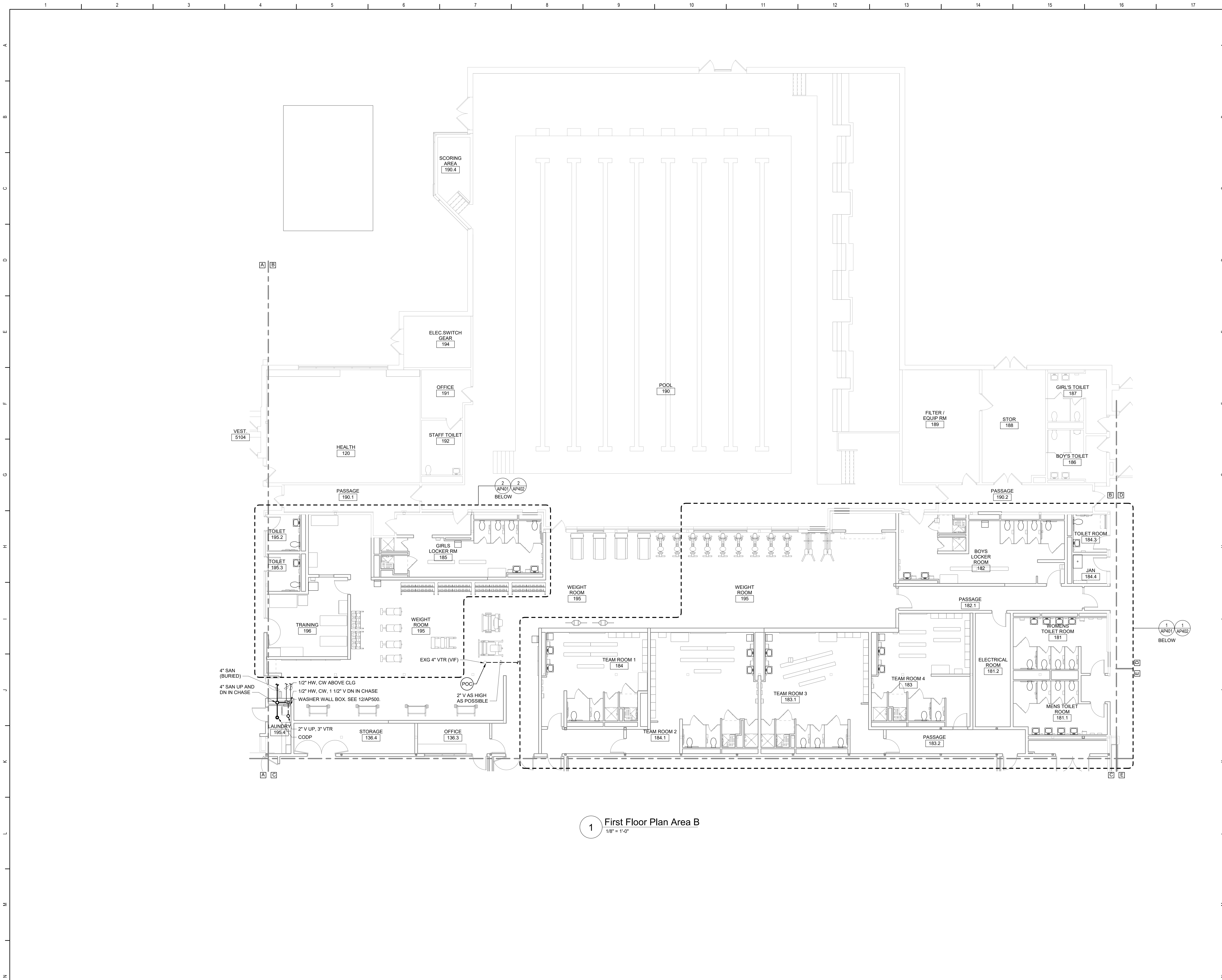
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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

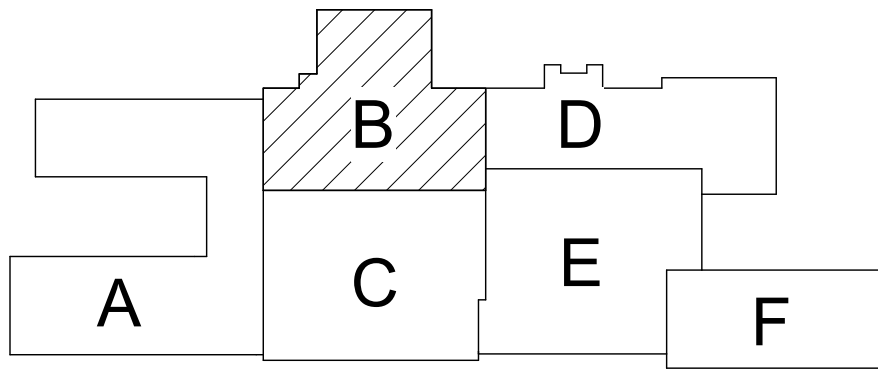
First Floor Plan Area A and Enlarged Plans

Drawn By: DCG/ sef Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003
AP130

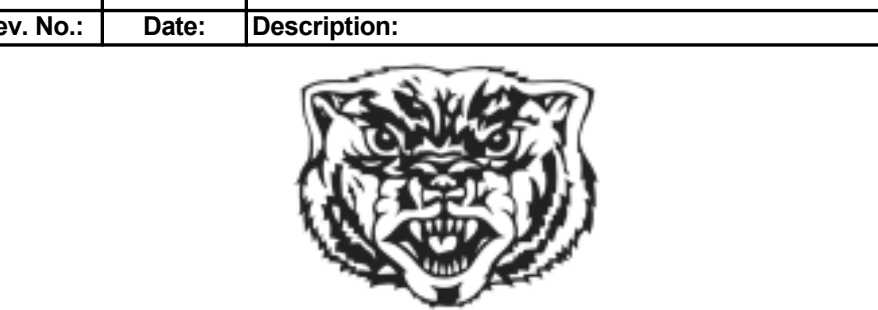


1 First Floor Plan Area B
1/8" = 1'-0"

Plan Notes
A. REFER TO DRAWING AP100 FOR GENERAL NOTES.



Key Plan
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SED Control No. 60-01-01-06-0-018-023



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Waverly Central School District
Waverly, NY

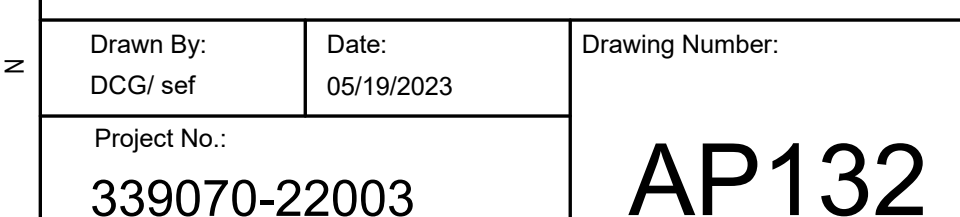
Additions and Alterations to:
Waverly Jr. Sr. High School

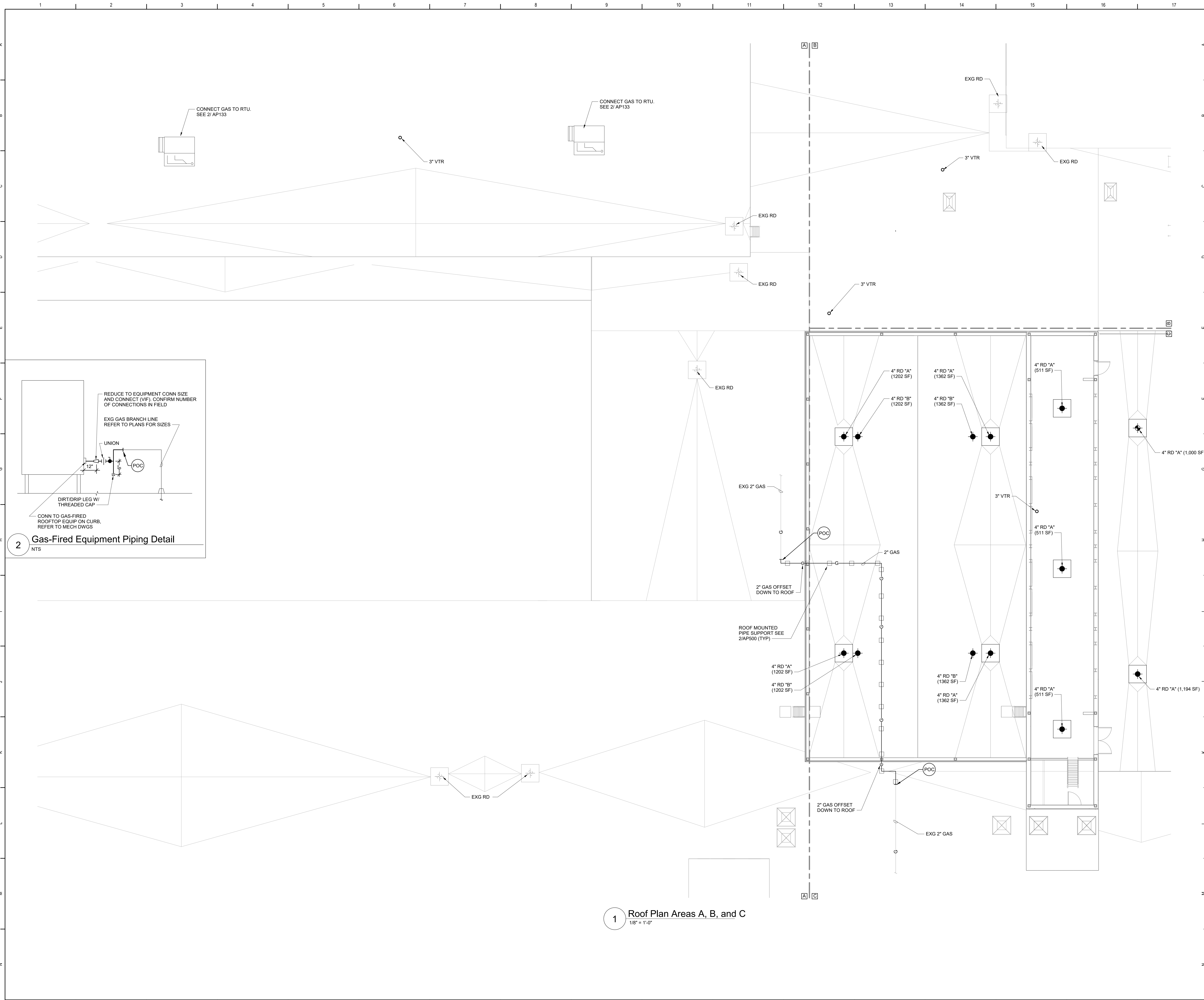
First Floor Area B

Drawn By: DCG/ sef Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003 **AP131**

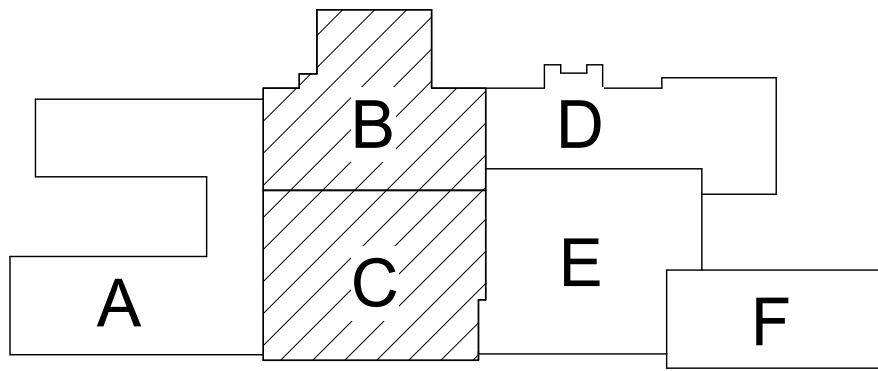


A. REFER TO DRAWING AP100 FOR GENERAL NOTES





Plan Notes
A. REFER TO DRAWING AP100 FOR GENERAL NOTES.



Key Plan
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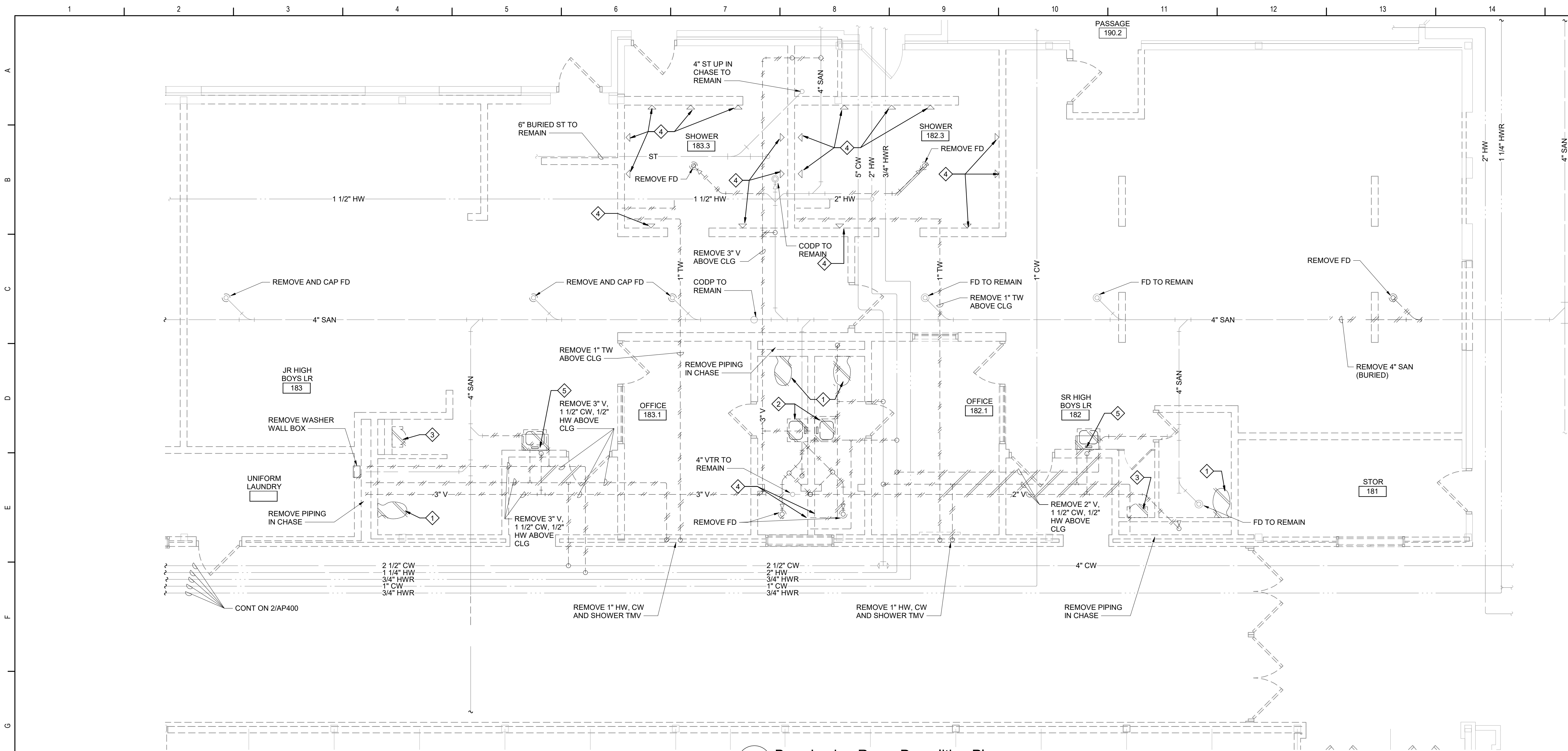


Waverly Central School District
Waverly, NY

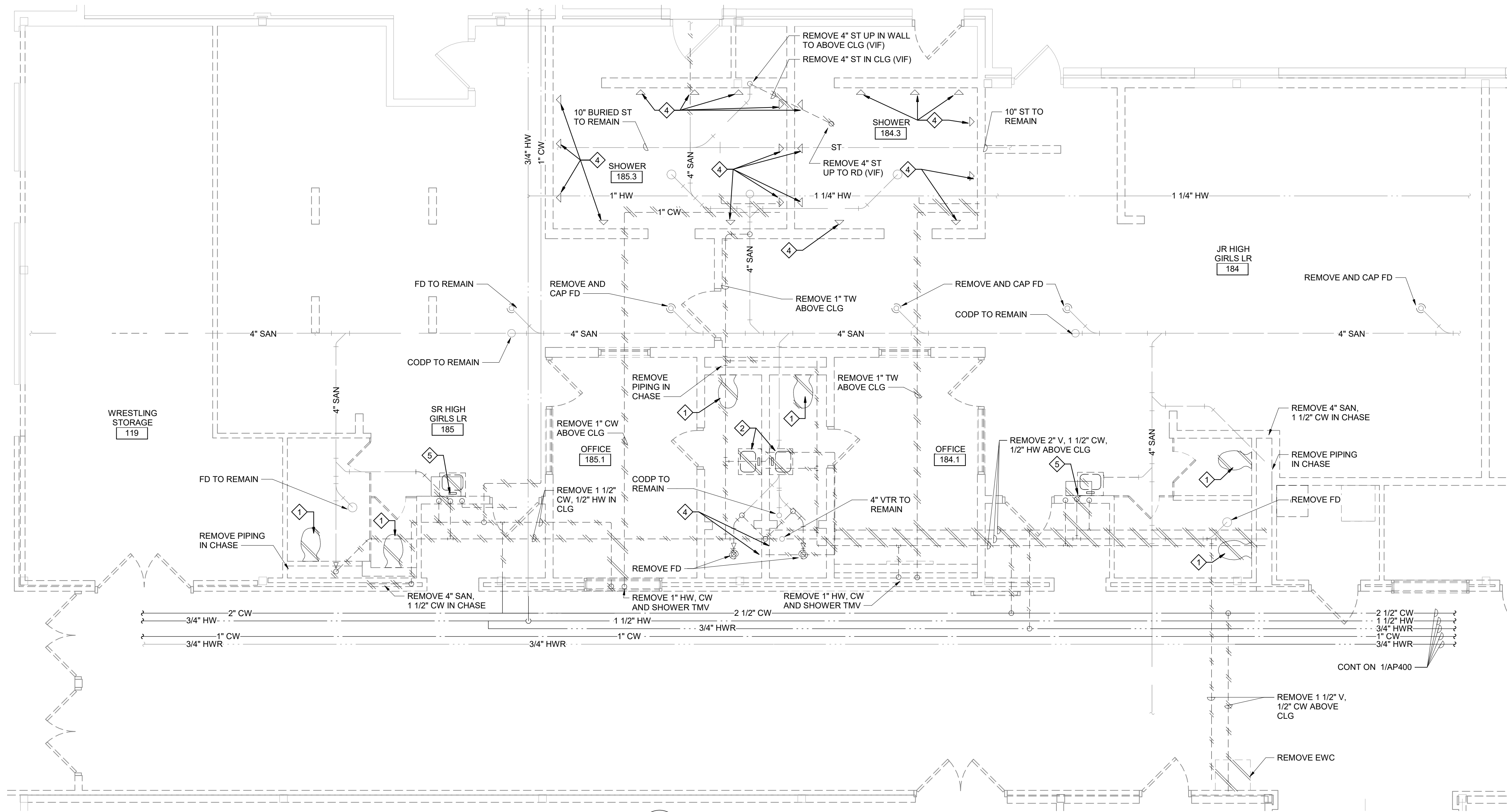
Additions and Alterations to:
Waverly Jr. Sr. High School

Roof Key Plan and Partial Area C
Plans

Drawn By: DCG/ sef	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AP133	



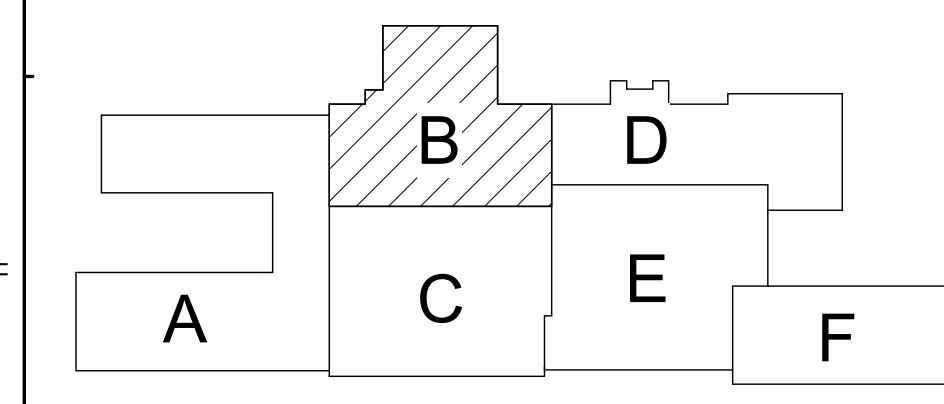
1 Boys Locker Room Demolition Plan
1/4" = 1'-0"



2 Girls Locker Room Demolition Plan
1/4" = 1'-0"

- Plan Notes**
- A. REFER TO DRAWING AP100 FOR GENERAL NOTES.
 - B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.
 - C. REPLACE OR RELOCATE PLUMBING FIXTURE INDICATED. MODIFY AND EXTEND EXISTING PIPING AS REQUIRED TO MEET FIXTURE MFR'S ROUGH-IN RECOMMENDATIONS AND TO MAKE CONNECTIONS. CONCEAL PIPING WITHIN OR BEHIND WALLS, BELOW FLOORS OR ABOVE CEILINGS. PATCH DISTURBED FINISHES TO MATCH EXISTING UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO ARCHITECTURE SERIES DWGS FOR EXACT LOCATION AND RIM ELEVATION OF NEW OR RELOCATED FIXTURES.
 - D. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.

- Plumbing Notes**
- 1 REMOVE WATER CLOSET.
 - 2 REMOVE LAVATORY.
 - 3 REMOVE URINAL.
 - 4 REMOVE SHOWER.
 - 5 REMOVE WASH FOUNTAIN.
 - 6 REMOVE FLOOR DRAIN.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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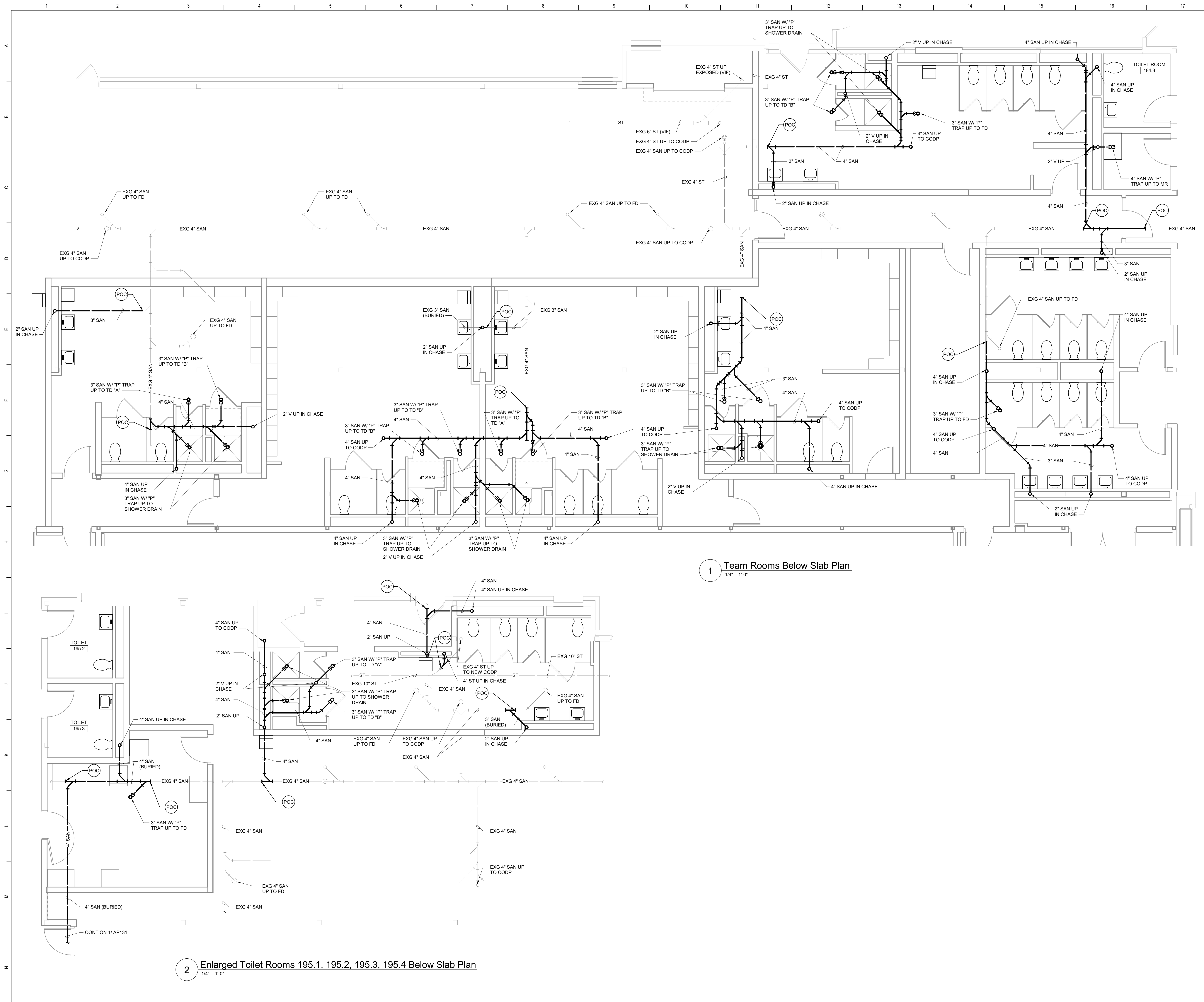


Waverly Central School District
Waverly, NY

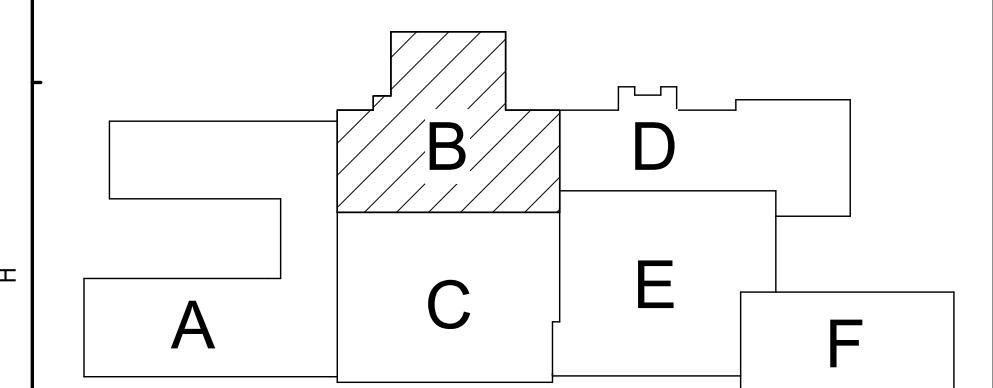
Additions and Alterations to:
Waverly Jr. Sr. High School

Locker Room Demolition Plans

Drawn By: DCG/ sef	Date: 05/19/2023	Drawing Number:
Project No.: 339070-22003	AP400	



- Plan Notes**
- A. REFER TO DRAWING AP100 FOR GENERAL NOTES.
 - B. ALL PIPING SHOWN ON THIS SHEET IS BURIED UNLESS NOTED OTHERWISE.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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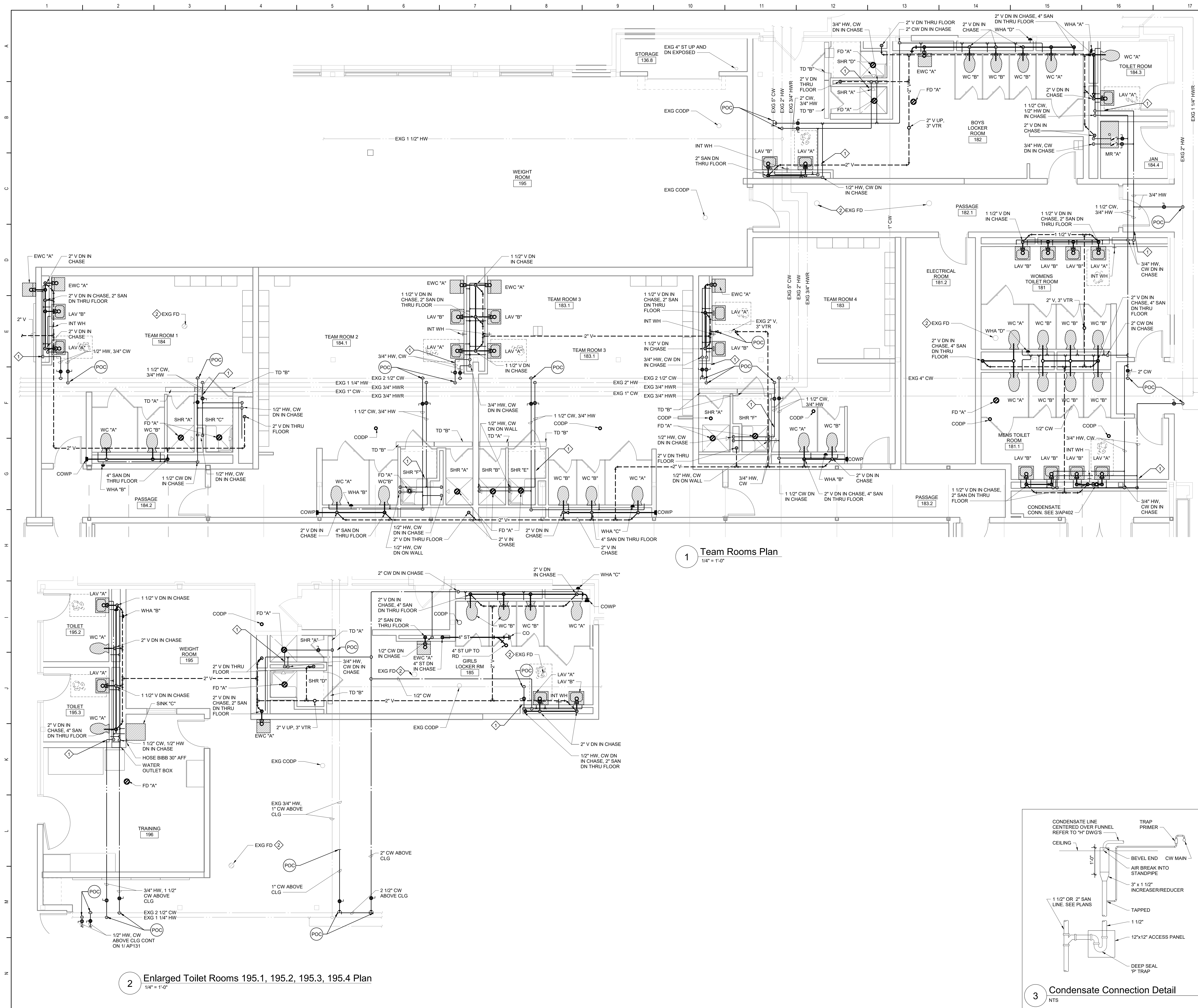
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ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

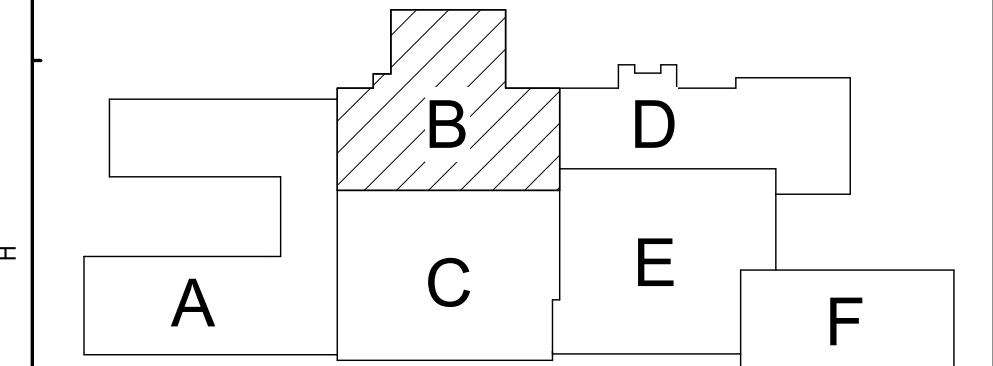
Team Rooms Below Slab Plan

Drawn By: DCG/ sef Date: 05/19/2023 Drawing Number:
Project No.: 339070-22003 **AP401**



- Plan Notes**
- A. REFER TO DRAWING AP100 FOR GENERAL NOTES.
 - B. REMOVE PLUMBING FIXTURES INDICATED, INCLUDING ASSOCIATED PIPING, FASTENERS, SUPPORTS, ETC., BACK TO POINTS OF CONCEALMENT WITHIN OR BEHIND REMAINING WALLS, BELOW FLOORS OR ABOVE CEILINGS.
 - C. REPLACE OR RELOCATE PLUMBING FIXTURE INDICATED. MODIFY AND EXTEND EXISTING PIPING AS REQUIRED TO MEET FIXTURE MFR'S ROUGH-IN RECOMMENDATIONS AND TO MAKE CONNECTIONS. CONCEAL PIPING WITHIN OR BEHIND WALLS, BELOW FLOORS OR ABOVE CEILINGS. PATCH DISTURBED FINISHES TO MATCH EXISTING UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO ARCHITECTURE SERIES DWGS FOR EXACT LOCATION AND RIM ELEVATION OF NEW OR RELOCATED FIXTURES.
 - D. REMOVE ABANDONED ACCESSIBLE PIPING TO MAIN BRANCHES, STACKS OR RISERS AS REQUIRED TO ELIMINATE EXPOSED PIPING AND DEAD END PIPING RUNS LONGER THAN 1'-0". COORDINATE CONCEALMENT OF PIPING WITH FINAL CONSTRUCTION OF WALLS, FLOORS AND CEILINGS.


- Plumbing Notes**
- 1 HEAT TAPE CONTROLLER ABOVE CEILING WITH ACCESS DOOR. RUN HEAT TAPE ON HOT WATER LINE FROM EXISTING POINT OF CONNECTION TO FURTHEST FIXTURE.
 - 2 REPLACE STRAINER ON EXISTING FLOOR DRAIN.



Key Plan
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SED Control No. 60-01-01-06-0-018-023

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Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Enlarged Area B Plans

Drawn By: DCG/ sef Date: 05/19/2023 Drawing Number: 339070-22003

AP402

Plumbing Fixture Schedule

DWG LABEL	ROUGH-IN CONNECTION SIZE (INCHES)				BARRIER FREE	AGE GROUP	RIM HEIGHT	DESCRIPTION	NOTES
	SAN	VENT	CW	HW					
WC "A"	4	2	1	-	YES	ADULT	16.5"	ACCESSIBLE, VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, TOP SPUD, SENSOR FLUSH VALVE AND SEAT.	1, 2, 3
WC "B"	4	2	1	-	NO	ADULT	15"	VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, TOP SPUD, SENSOR FLUSH VALVE AND SEAT.	1, 2, 3
LAV "A"	1 1/2	1 1/2	1/2	1/2	YES	ADULT	34"	ACCESSIBLE, VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, ACCESSIBLE, MANUAL, TWO-HANDLE COMMERCIAL FAUCET, SUPPLIES, TEMPERATURE LIMITING DEVICE, OFFSET TAILPIECE AND VANDAL RESISTANT TRAP.	1, 2, 3
LAV "B"	1 1/2	1 1/2	1/2	1/2	NO	ADULT	31"	VITREOUS CHINA, WALL MOUNTED WITH SUPPORT, MANUAL, TWO-HANDLE COMMERCIAL FAUCET, SUPPLIES, TEMPERATURE LIMITING DEVICE, TAILPIECE AND TRAP.	1, 2, 3
SINK "A"	1 1/2	1 1/2	1/2	1/2	YES	ADULT	-	ACCESSIBLE, LARGE, STAINLESS STEEL, COUNTER MOUNTED SINK W/ MANUAL, SINGLE CONTROL MIXING FAUCET W/ SWING SPOUT, SUPPLIES, OFFSET DRAIN FITTING AND TRAP.	1, 2
SINK "B"	1 1/2	1 1/2	1/2	1/2	NO	ADULT	-	LARGE, DEEP BOWL, STAINLESS STEEL, COUNTER MOUNTED SINK W/ MANUAL, SINGLE CONTROL MIXING FAUCET W/ SWING SPOUT, SUPPLIES, DRAIN FITTING AND TRAP.	1, 2
SINK "C"	3	1 1/2	3/4"	3/4	-	-	-	HEAVY DUTY POLYETHYLENE, SINGLE BOWL, LAUNDRY TUB WITH LEGS, FAUCET, INTEGRAL DRAIN WITH PLUG, TRAP AND SUPPLY LINE.	1, 2
SHR "A"	-	-	1/2	1/2	NO	ADULT	-	INDIVIDUAL BUILT-IN SHOWER WITH CONCEALED SUPPLIES, HEAVY DUTY PRESSURE BALANCED MIXING VALVE, CHROME PLATED BRASS ARM SEVERE SERVICE HEAD WITH STAINLESS STEEL WALL FLANGE AND FIXED DIRECTION SPRAY PATTERN.	1, 2
SHR "B"	-	-	1/2	1/2	YES	ADULT	-	INDIVIDUAL SURFACE MOUNTED SHOWER CABINET WITH CONCEALED SUPPLIES, HEAVY DUTY PRESSURE BALANCED MIXING VALVE, CHROME PLATED BRASS ARM SEVERE SERVICE HEAD, FIXED DIRECTION SPRAY PATTERN AND STAINLESS-STEEL VERTICAL PIPING SHROUD FROM SHOWER CABINET TO THE CEILING.	1, 2
SHR "C"	-	-	1/2	1/2	YES	ADULT	-	ACCESSIBLE, FACTORY-FABRICATED, RECESSED SHOWER CABINET WITH VALVE ON LEFT/ SEAT ON RIGHT, SEVERE SERVICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRAY, RECESSED SOAP DISH AND VANDAL RESISTANT SCREWS.	1, 2
SHR "D"	-	-	1/2	1/2	YES	ADULT	-	ACCESSIBLE, FACTORY-FABRICATED, RECESSED SHOWER CABINET WITH VALVE ON RIGHT/ SEAT ON LEFT, SEVERE SERVICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRAY, RECESSED SOAP DISH AND VANDAL RESISTANT SCREWS.	1, 2
SHR "E"	-	-	1/2	1/2	YES	ADULT	-	ACCESSIBLE, FACTORY-FABRICATED, SURFACE MOUNTED SHOWER CABINET WITH VALVE ON LEFT/ SEAT ON RIGHT, SEVERE SERVICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRAY, RECESSED SOAP DISH, VANDAL RESISTANT SCREWS AND STAINLESS STEEL VERTICAL PIPING SHROUD FROM SHOWER CABINET TO THE CEILING.	1, 2
SHR "F"	-	-	1/2	1/2	YES	ADULT	-	ACCESSIBLE, FACTORY-FABRICATED, SURFACE MOUNTED SHOWER CABINET WITH VALVE ON RIGHT/ SEAT ON LEFT, SEVERE SERVICE HEAD, DIVERTER VALVE, HAND-HELD SHOWER SPRAY, RECESSED SOAP DISH, VANDAL RESISTANT SCREWS AND STAINLESS STEEL VERTICAL PIPING SHROUD FROM SHOWER CABINET TO THE CEILING.	1, 2
EMERGENCY EYEWASH	1 1/2	1 1/2	1/2	1/2	YES	ADULT	-	ACCESSIBLE, WALL MOUNTED, PLUMBED EYEWASH UNIT WITH THERMOSTATIC MIXING VALVE, SUPPLIES, TAILPIECE AND TRAP.	1, 2, 4
EWV "A"	1 1/2	1 1/2	1/2	-	YES	ADULT	-	WALL MOUNTED, VANDAL-RESISTANT, ACCESSIBLE, PRESSURE WATER COOLER WITH FILTERED BOTTLE FILLING STATION.	1, 2
INT WH	-	-	3/4	-	-	-	-	CONCEALED OUTLET, SELF DRAINING MODERATE CLIMATE WALL HYDRANT.	1, 2
FD "A"	3	2	-	-	-	-	-	MEDIUM DUTY, CAST-IRON FLOOR DRAIN WITH 7" DIAMETER NICKEL BRONZE STRAINER, DEEP-SEAL P-TRAP AND BARRIER TYPE TRAP SEAL PROTECTION DEVICE.	-
FD "B"	4	2	-	-	-	-	-	HEAVY DUTY, CAST-IRON FLOOR DRAIN WITH 7" DIAMETER NICKEL BRONZE STRAINER, SEDIMENT BUCKET, DEEP-SEAL P-TRAP AND BARRIER TYPE TRAP SEAL PROTECTION DEVICE.	-
TD "A"	2	2	-	-	-	-	-	MEDIUM DUTY, STAINLESS STEEL TRENCH DRAIN WITH 2" WIDTH STRAINER, 3-3" LENGTH, STAINLESS STEEL WAVE GRATE, DEEP-SEAL P-TRAP AND TRAP GUARD.	-
TD "B"	2	2	-	-	-	-	-	MEDIUM DUTY, STAINLESS STEEL TRENCH DRAIN WITH 2" WIDTH STRAINER, 4-3" LENGTH, STAINLESS STEEL WAVE GRATE, DEEP-SEAL P-TRAP AND TRAP GUARD.	1, 2
WATER OUTLET BOX	-	-	1/2	-	-	-	-	RECESSED WATER OUTLET BOX WITH QUARTER TURN SHUT-OFF VALVE.	1, 2
WASHER WALL BOX	2	2	1/2	1/2	-	-	-	RECESSED WASHER WALL BOX WITH QUARTER TURN SUPPLY STOPS AND DRAIN CONNECTION.	1, 2
RD "A"	VARIES	-	-	-	-	-	-	CAST-IRON, LARGE-SUMP, GENERAL-PURPOSE ADJUSTABLE ROOF DRAIN.	-
RD "B"	VARIES	-	-	-	-	-	-	CAST-IRON, LARGE-SUMP, GENERAL-PURPOSE ADJUSTABLE ROOF DRAIN WITH INTEGRAL STANDPIPE - SECONDARY DRAINAGE.	-

NOTES:

- PROVIDE TERMINATION STYLE AND SIZE FOR FIXTURE CONNECTIONS AS INDICATED BY FIXTURE MANUFACTURER.
- SIZES INDICATED ARE MINIMUM. LARGER SIZES SPECIFICALLY INDICATED ON DRAWINGS SUPERCEDE MINIMUM SIZES INDICATED IN THIS SCHEDULE.
- REFER TO TOILET ROOM PLANS ON ARCHITECTURE DRAWINGS FOR FIXTURE CENTERLINE DIMENSIONS.
- REFER TO DETAIL 11/AP500 AND SPECIFICATION SECTION 22 45 00 - EMERGENCY FIXTURES FOR ADDITIONAL INFORMATION.

Air Compressor Schedule

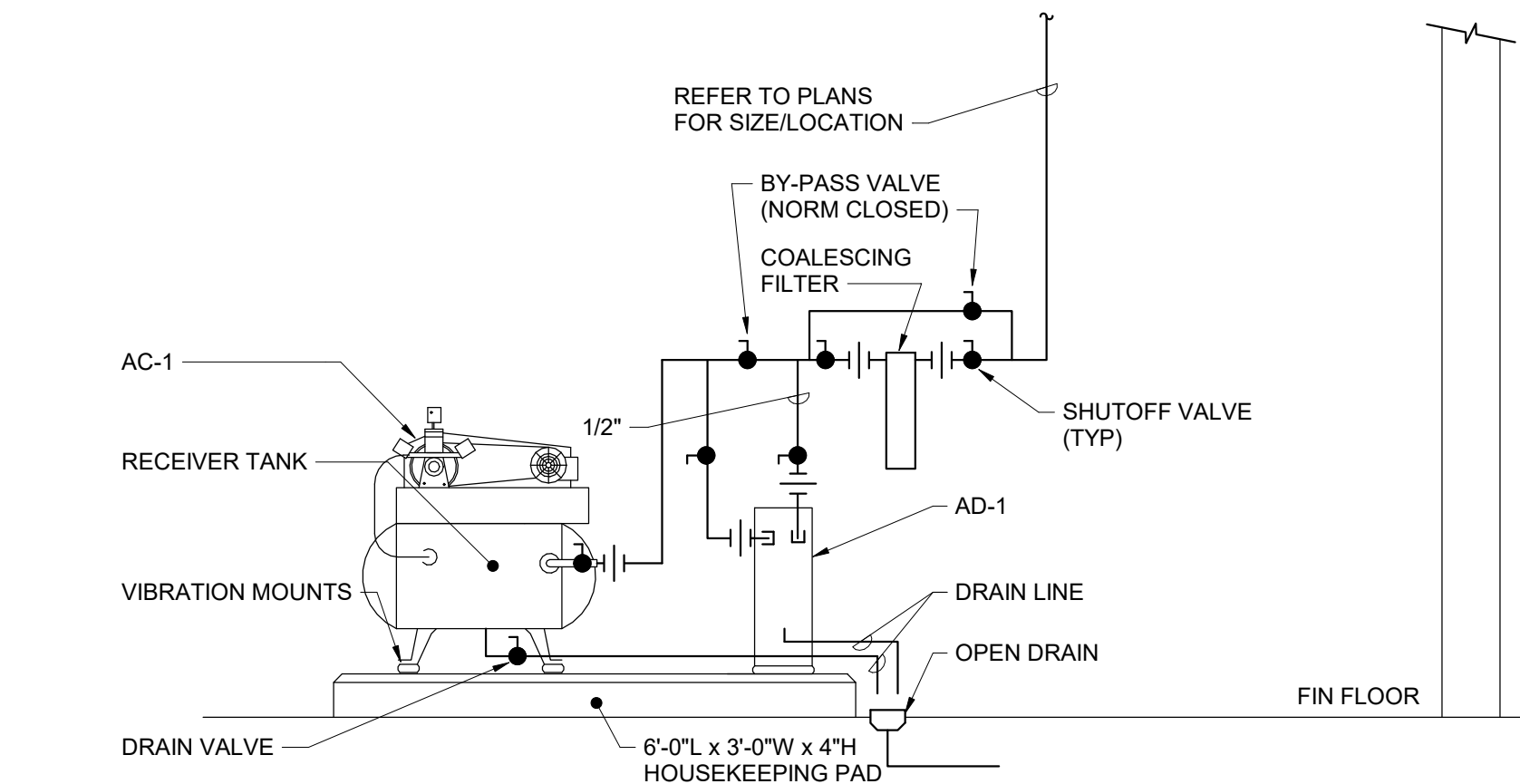
DWG LABEL	LOCATION	DESIGN MAKE AND MODEL	CONFIGURATION		RECEIVER TANK CAPACITY (GALLONS)	ACTUAL AIR CAPACITY EACH COMPRESSOR (ACFM)	EACH MOTOR				LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	APPROX WEIGHT (LBS)	NOTES
			UNIT	TANK			HORSEPOWER	RPM	PHASE	VOLT					
AC-1	EQUIPMENT PLATFORM A	QUINCY NO. QT-5 (x2)	DUPLX	HORIZONTAL	80	17.2	5	942	3	230	69	24	46	920	1

NOTES:

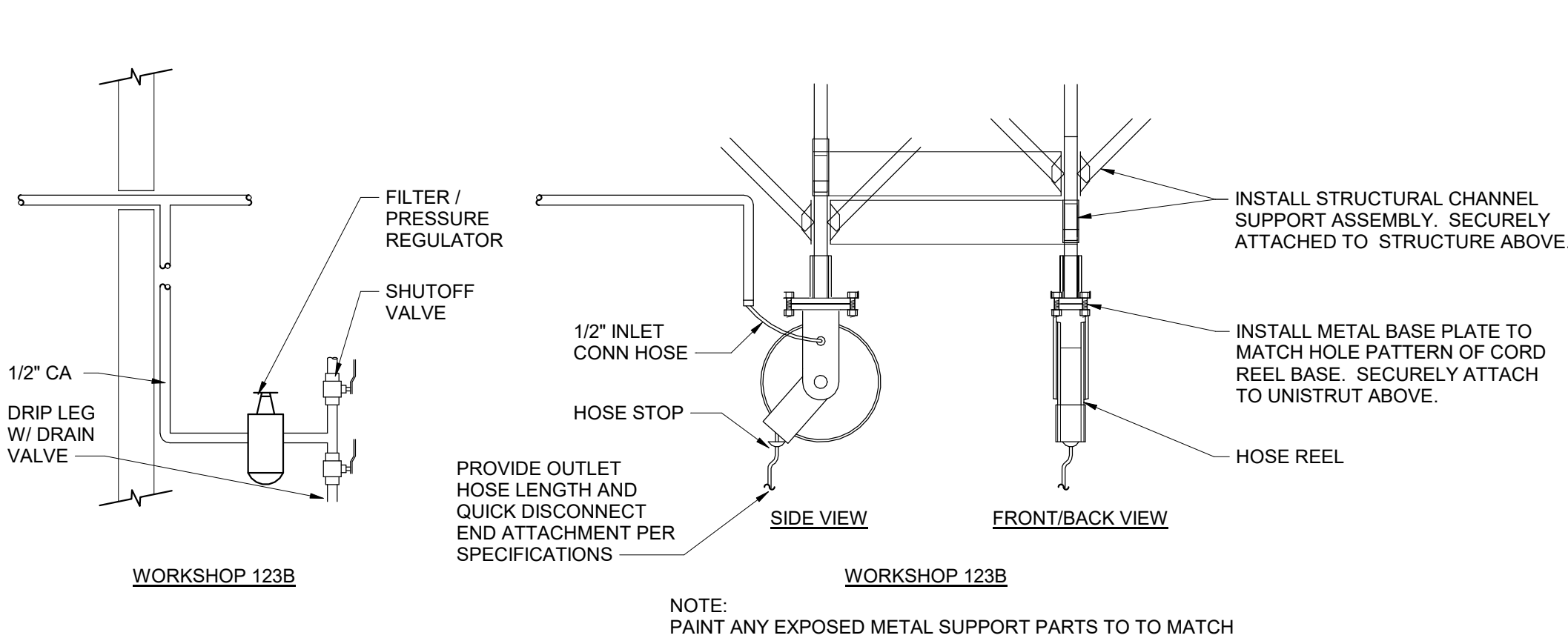
- "QT MAX" PACKAGE INCLUDES MOTOR OVERLOAD PROTECTION, AUTOMATIC START/STOP, AUTOMATIC TANK DRAIN, LOW OIL SHUTDOWN, AIR COOLED AFTERCOOLER.

Air Dryer Schedule

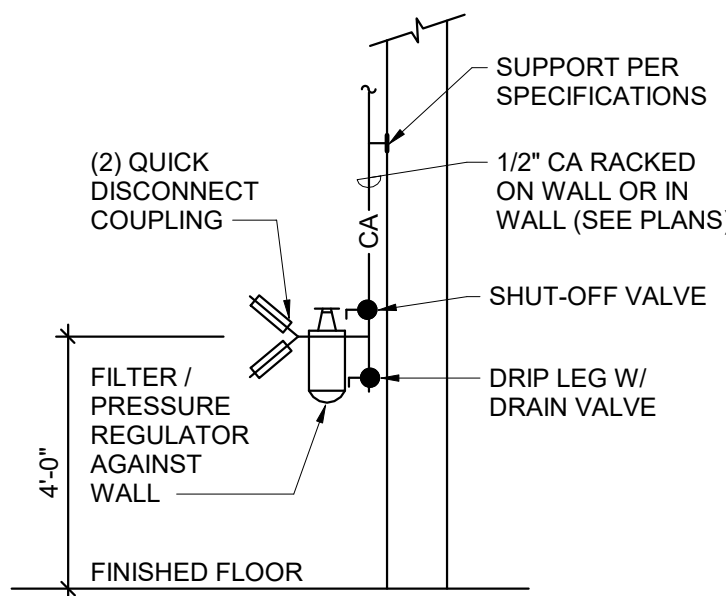
DWG LABEL	LOCATION	DESIGN MAKE AND MODEL	VOLUME AT 100 PSI (ACFM)	LEAVING-AIR DEWPOINT TEMP (deg F)	AMBIENT AIR TEMP (deg F)	PRESSURE (PSI)	ELECTRIC				CONN SIZE (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	APPROX WEIGHT (LBS)	REFRIGERANT GAS
							FULL LOAD (KW)	VOLT	PHASE	HERTZ						
AD-1	EQUIPMENT PLATFORM A	QUINCY NO. QPNC-42	42	37	70	125	0.3	115	1	60	1/2	19	14	18	71	R513a



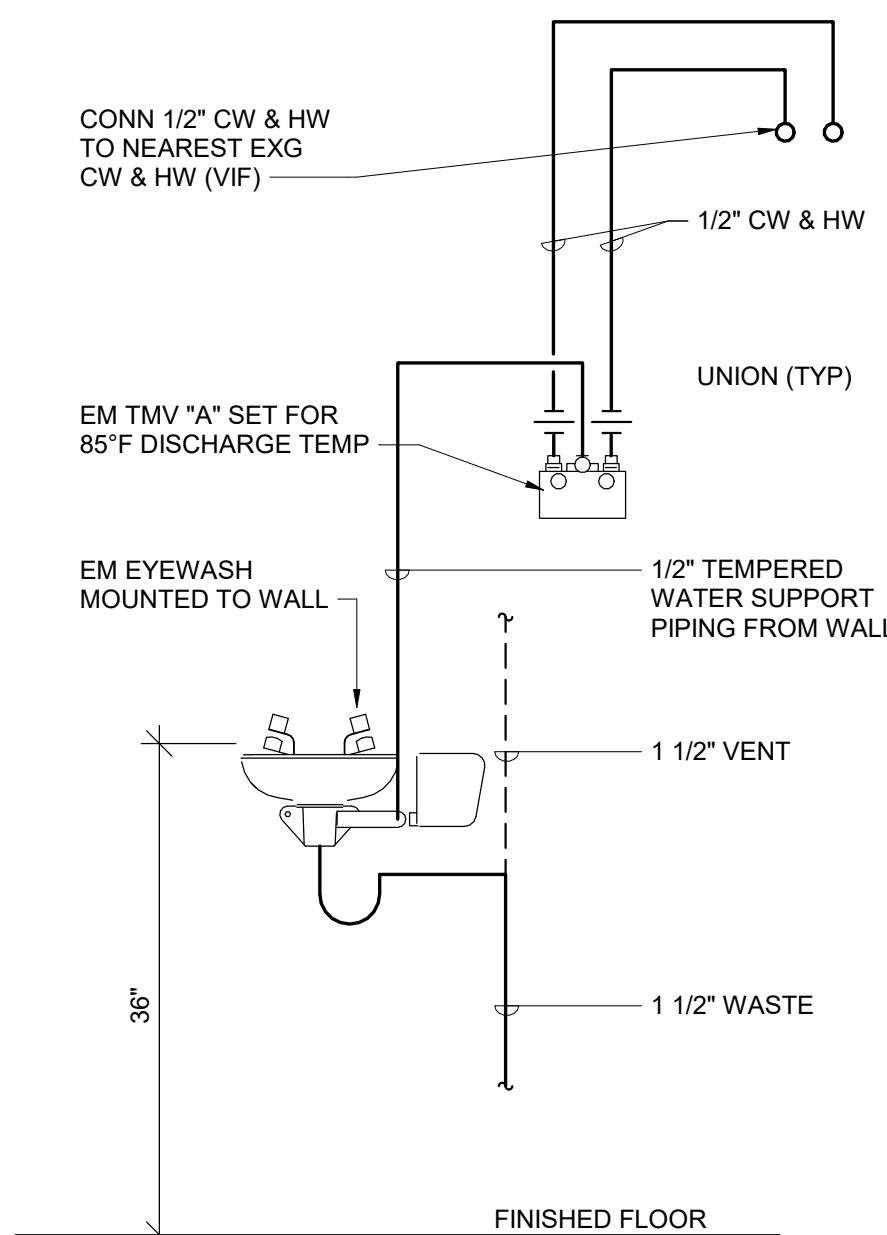
14 Compressed Air System Schematic



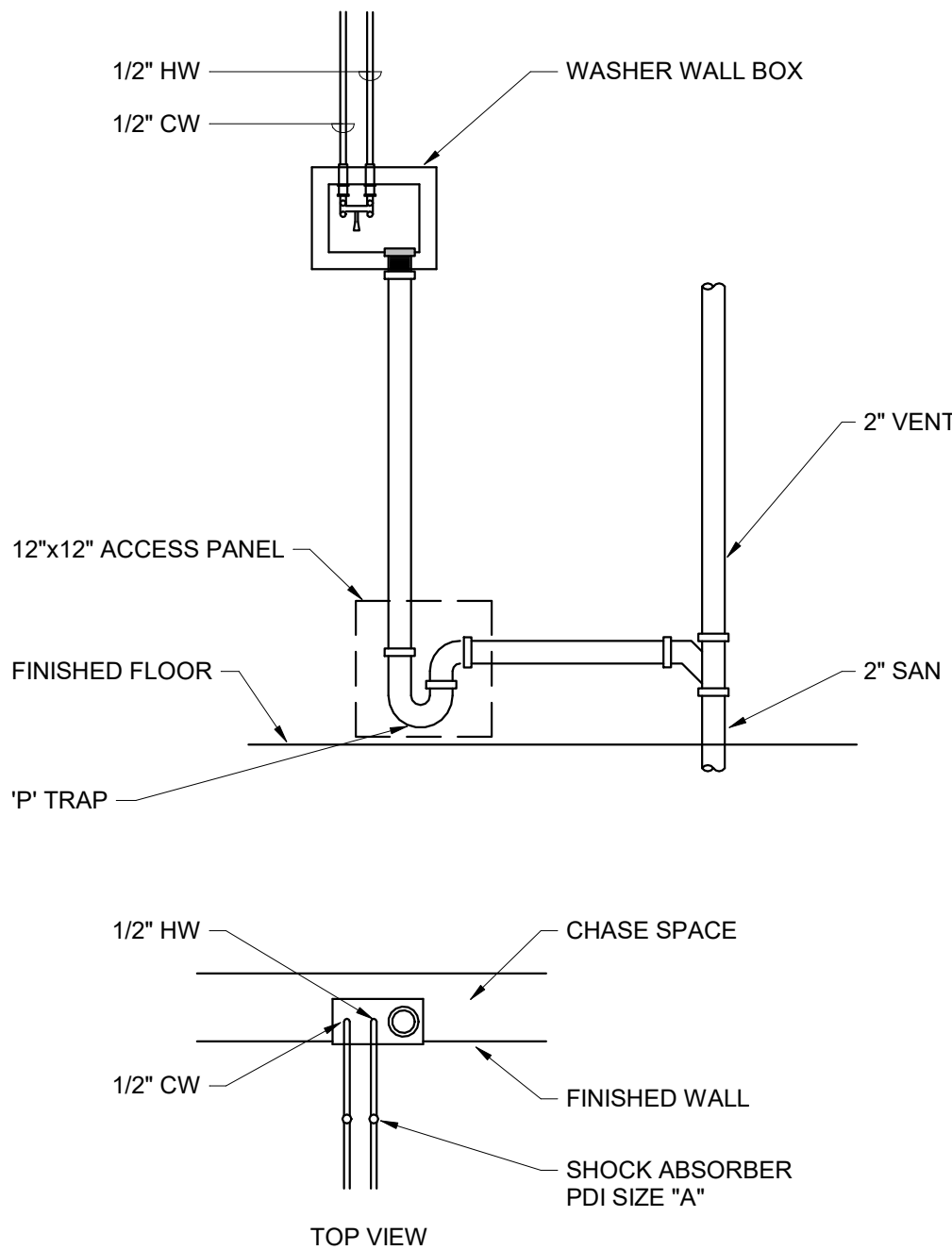
13 Hose Reel Mounting Detail



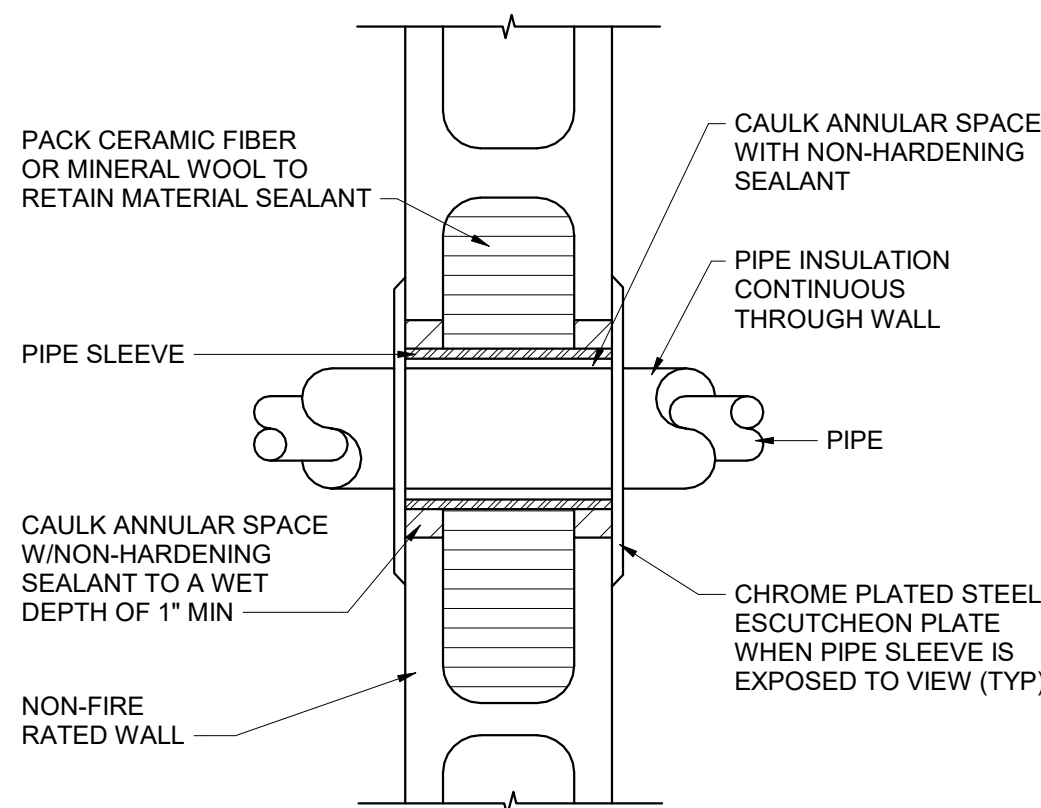
10 Duplex Compressed Air Outlet Detail



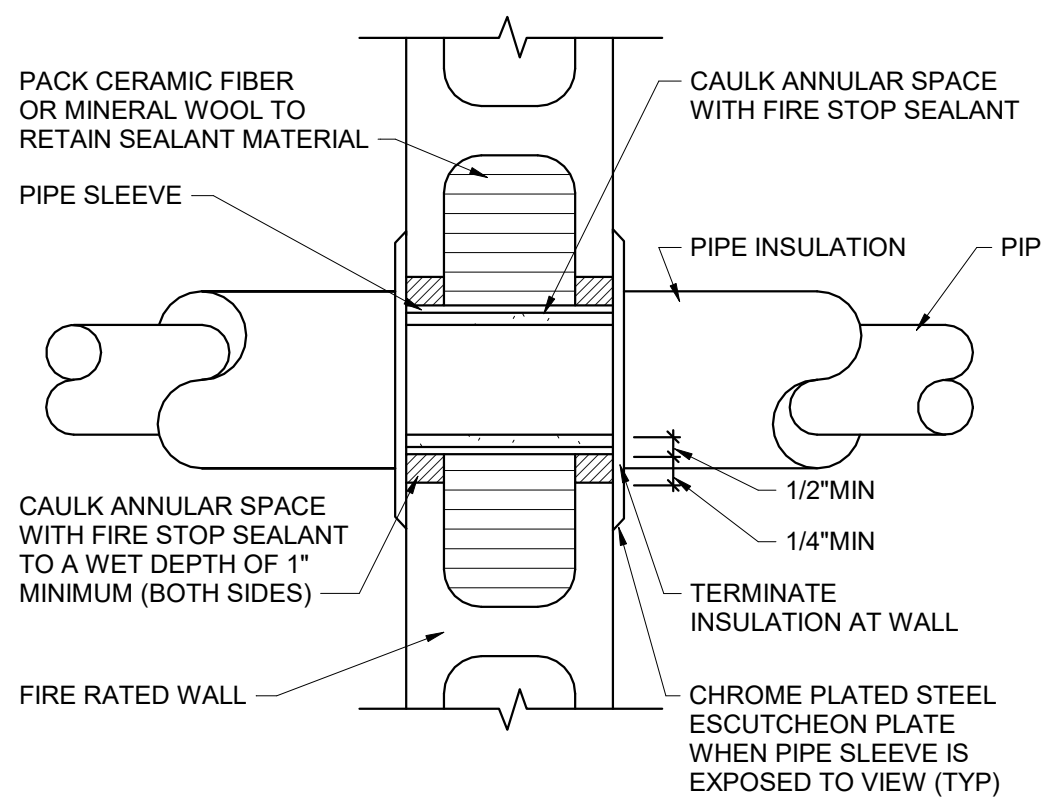
11 Emergency Eyewash Station Detail



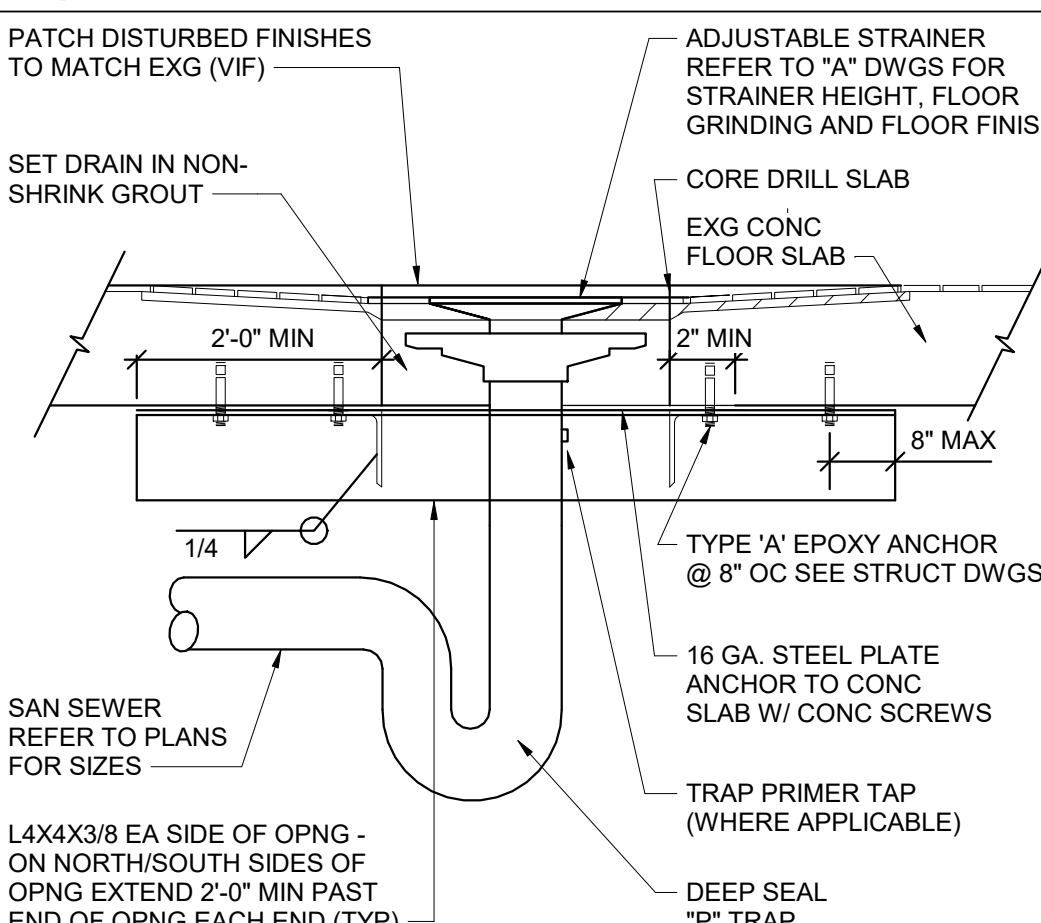
12 Washer Wall Box Detail



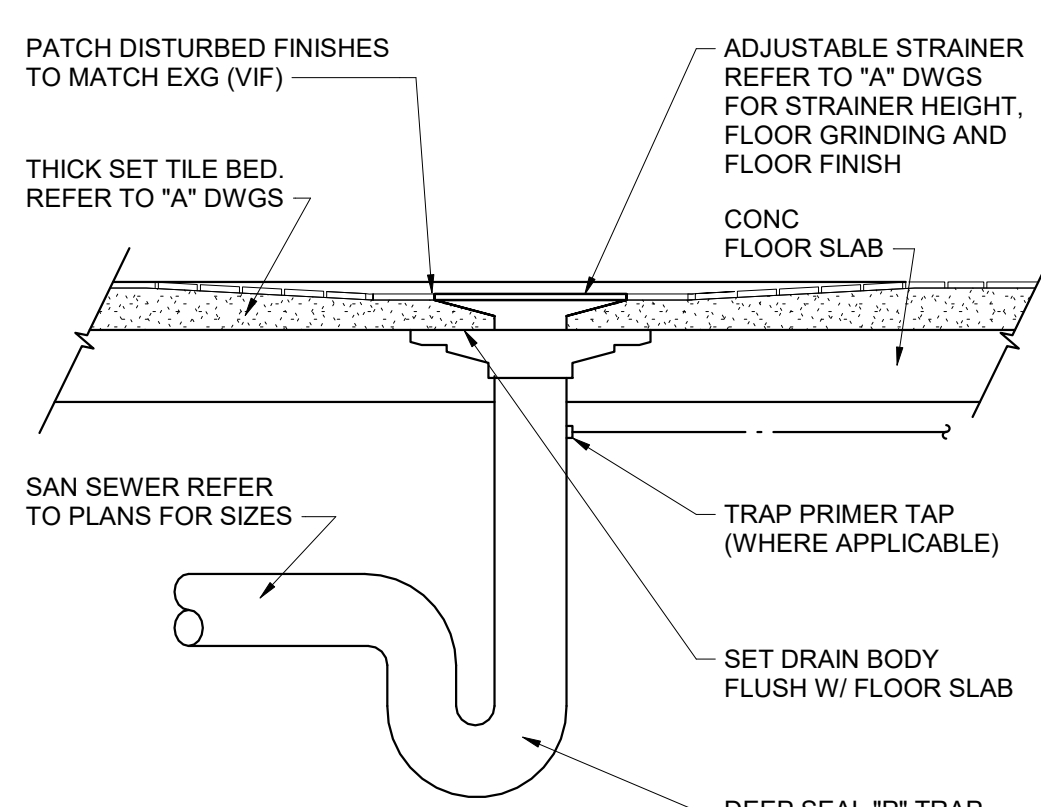
5 CMU Wall Pipe Sleeve Detail



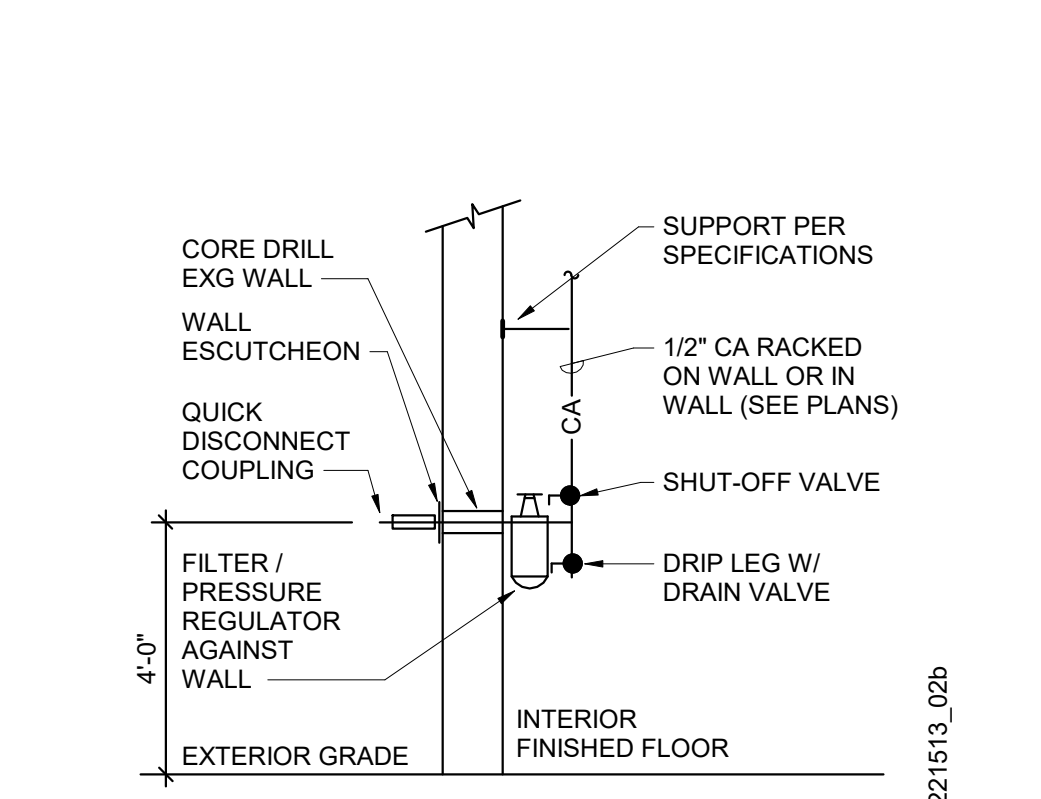
6 Fire Rated CMU Wall Pipe Sleeve Detail



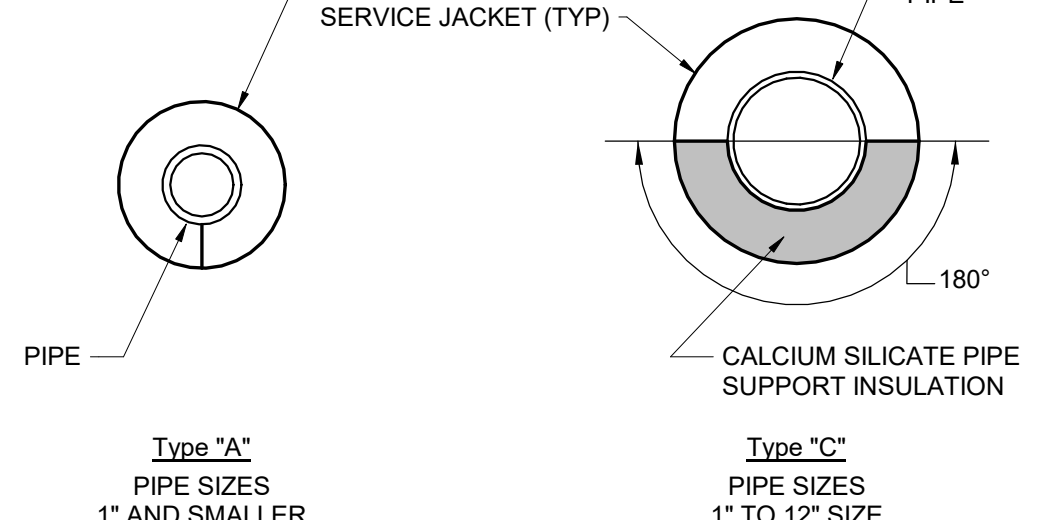
7 Floor Drain in Existing Slab Detail



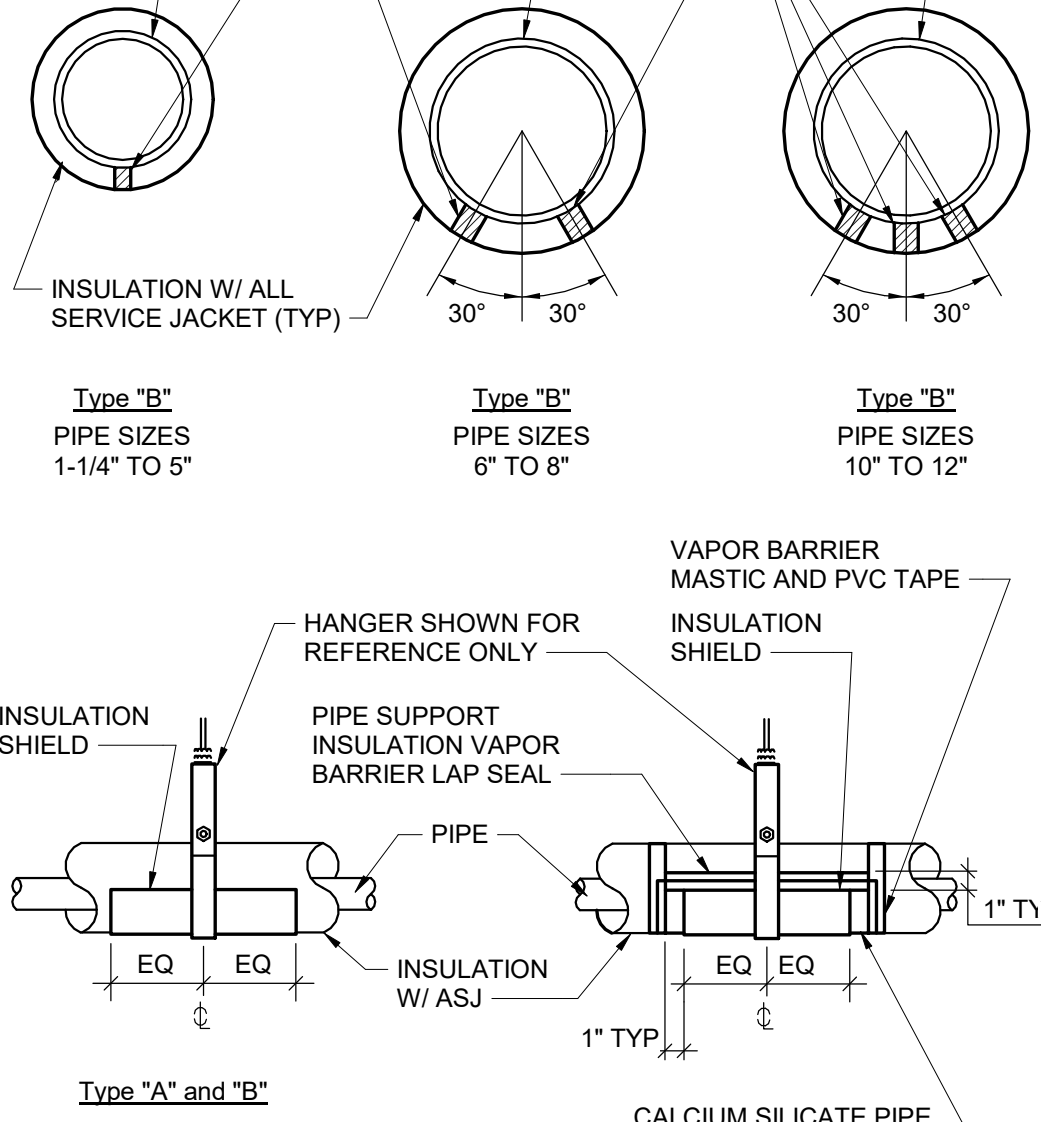
8 Floor Drain in Slab On Grade Detail



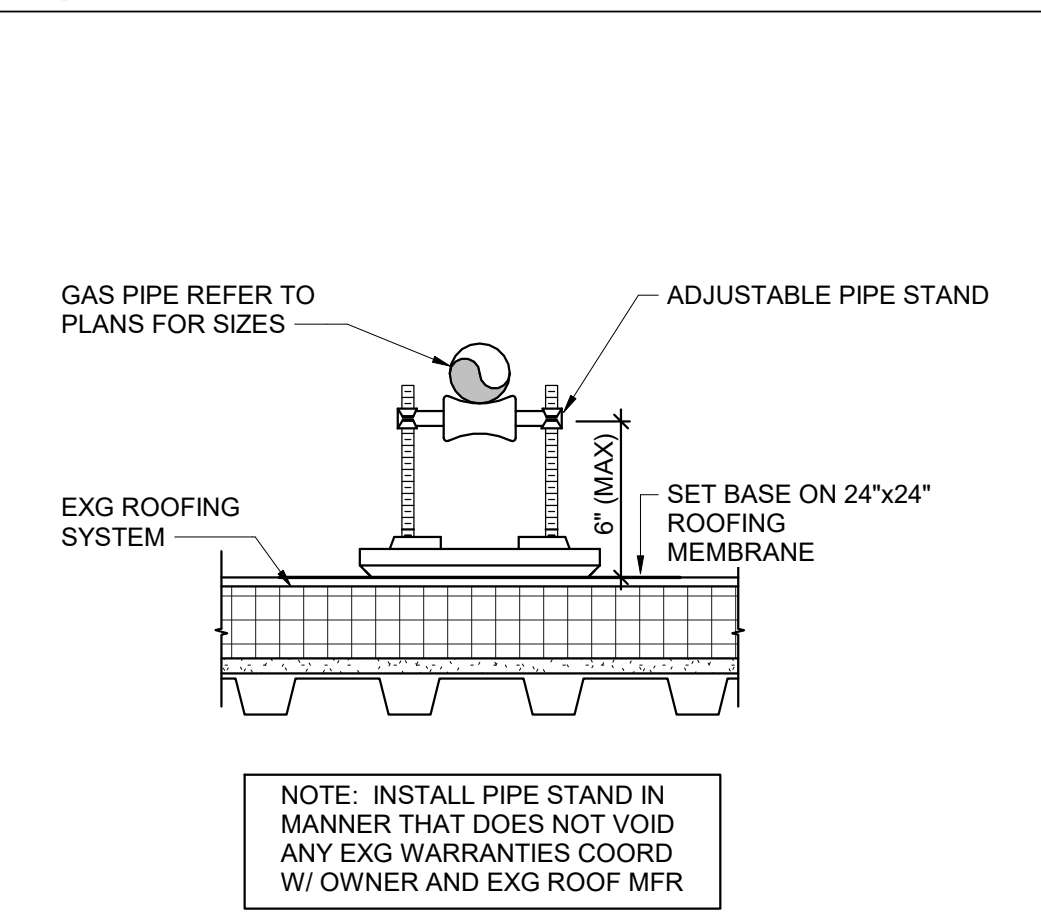
9 Single Compressed Air Exterior Outlet Detail



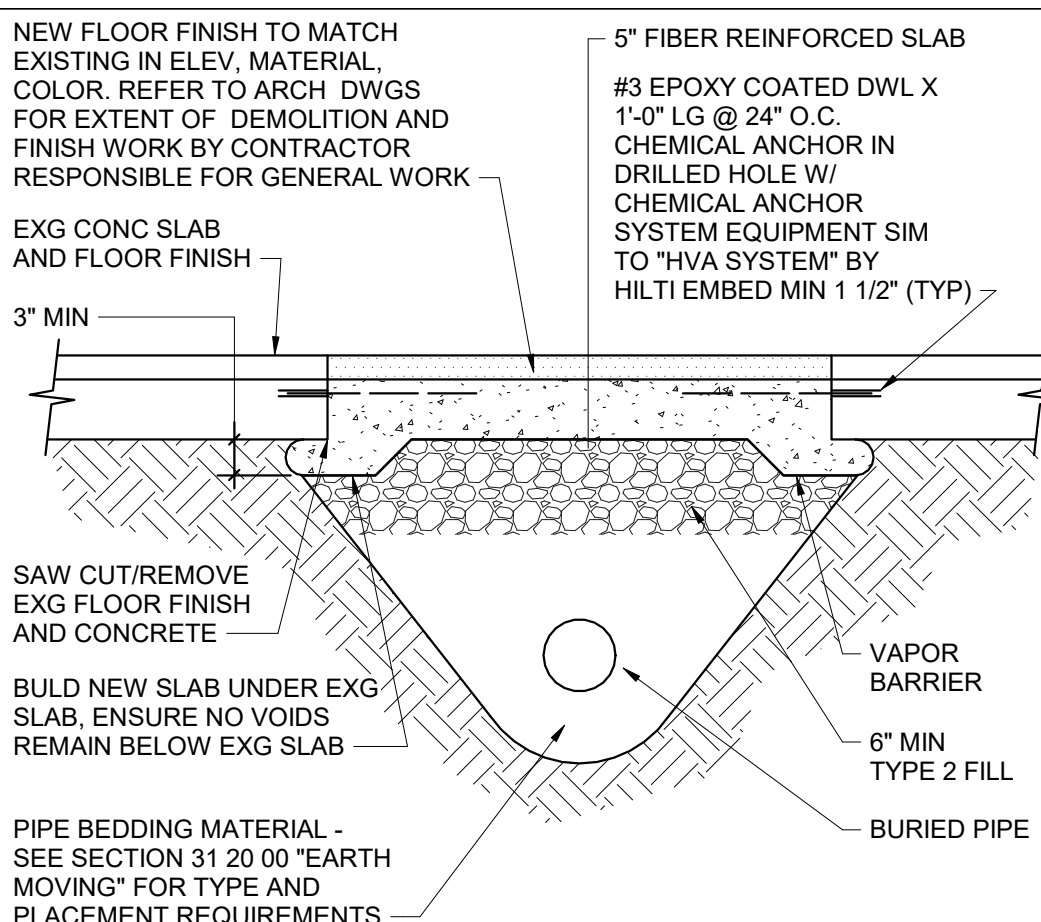
1 Insulated Piping Support Assemblies



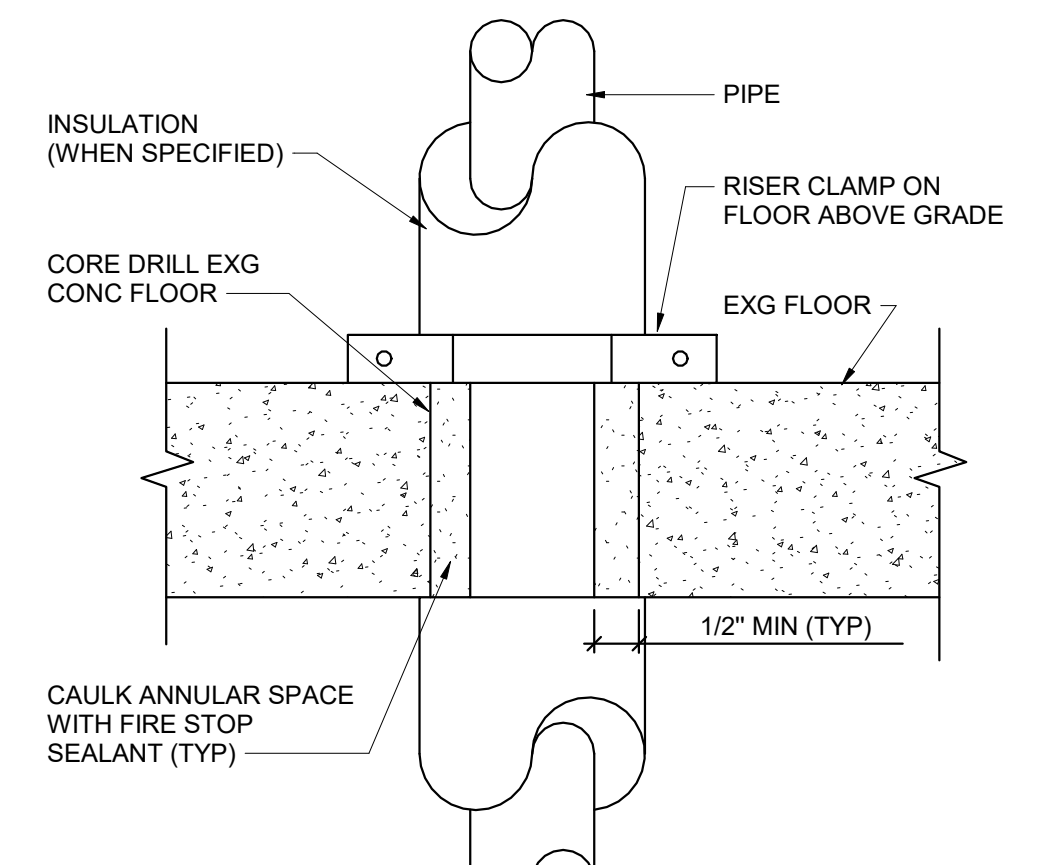
1 Insulated Piping Support Assemblies



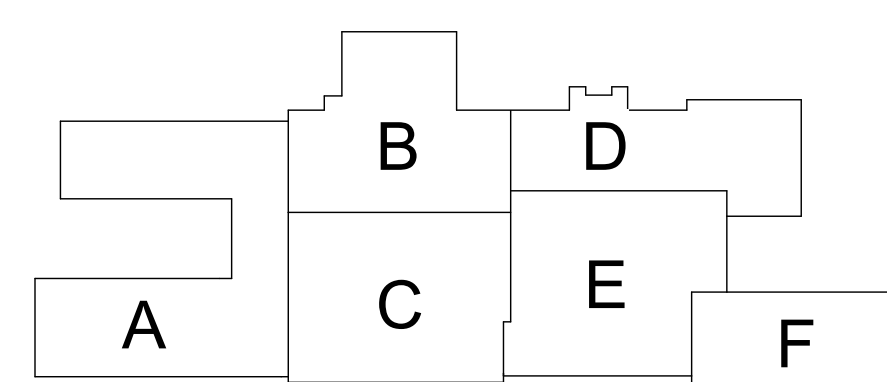
2 Pipe Stand Detail - 6" Pipe and Smaller



3 Trenching Below Existing Slab Detail



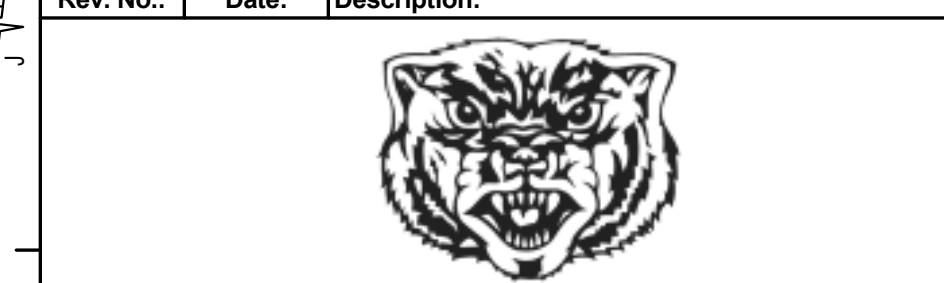
4 Existing Floor Penetration Detail



Key Plan

SED Control No. 60-01-01-06-0-018-023

Rev. No.	Date	Description



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TETRA TECH
ARCHITECTS & ENGINEERS

Waverly Central School District
Waverly, NY

Additions and Alterations to:
Waverly Jr. Sr. High School

Details and Schedules

Drawn By: DCG/ sef Date: 05/19/2023 Drawing Number: 339070-22003

AP500