

General Notes

- DO NOT SCALE DRAWINGS TO OBTAIN DIMENSIONS.
- TAKE FIELD MEASUREMENTS TO FIT THE WORK PROPERLY. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD.
- REFER INCONSISTENCIES TO ARCHITECT PRIOR TO COMMENCING THE WORK IN AFFECTED AREA.
- ITEMS ARE SHOWN DIAGRAMMATICALLY ON DRAWINGS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS TO FIT THE WORK PROPERLY.
- NOTES SHOWN ON ONE DRAWING APPLY TO ALL SIMILAR DRAWINGS.
- DO NOT DISTURB CONSTRUCTION SUSPECTED OF CONTAINING HAZARDOUS MATERIAL IF ENCOUNTERED, IMMEDIATELY NOTIFY ARCHITECT, CONSTRUCTION MANAGER AND OWNER.

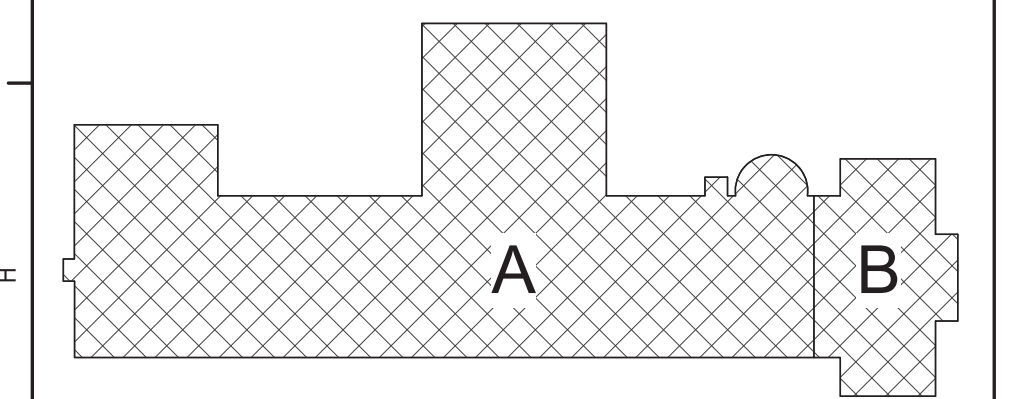
General Code Notes

- REFER TO CODE COMPLIANCE DRAWINGS FOR ADDITIONAL CODE COMPLIANCE INFORMATION.
- COORDINATE WITH FLOOR PLANS, WALL SECTIONS AND PARTITION TYPES FOR RATED WALL TYPES AND LOCATIONS. IMMEDIATELY NOTIFY ARCHITECT OF ANY WALL RATING DISCREPANCIES BETWEEN CODE DRAWINGS AND FLOOR PLANS.
- ALL WALLS, INCLUDING AT CORRIDORS, SHALL EXTEND COMPLETELY TO THE UNDERSIDE OF DECKING, SUPPORTING STRUCTURE OR ROOF ABOVE, TYPICAL UNLESS NOTED OTHERWISE.
- AT AREAS OF PROJECT WORK, COMPLETELY SEAL ALL PENETRATIONS REQUIRED TO COMPLY WITH FIRE RESISTANCE RATINGS IDENTIFIED ON THE CODE DRAWINGS, REGARDLESS IF WALL IS NEW OR EXISTING, TYPICAL UNLESS NOTED OTHERWISE.
- PROVIDE APPLIED FIREPROOFING TO ALL BEAMS, JOISTS AND STRUCTURAL STEEL ELEMENTS AT ALL FIRE BARRIERS, FIRE PARTITIONS, AND OTHER RATED WALLS WHERE INDICATED ON DRAWINGS, AND THAT ARE NOT COMPLETELY PROTECTED WITHIN THE RATED CONSTRUCTION. PROTECTION OF SUCH ELEMENTS SHALL MATCH THE RATING OF THE WALL THAT THE ELEMENTS ARE CONTAINED WITHIN.
- ALL CMU CONSTRUCTION SHALL MEET FIRE RESISTANCE REQUIREMENTS INDICATED. PROVIDED BLOCK TYPE AS REQUIRED TO COMPLY WITH UL DESIGN NUMBERS AND WALL RATINGS INDICATED, REGARDLESS IF NOTED AS SUCH ON PLAN DETAILS.

Legend

ALL WALLS, INCLUDING CORRIDOR WALLS, EXTEND TO THE ROOF DECK OR FLOOR DECK ABOVE UNLESS NOTED OTHERWISE.

- 2-HOUR FIRE BARRIER
- 1-HOUR FIRE BARRIER
- 1-HOUR FIRE PARTITION
- SMOKE PARTITION
- COMMON EGRESS PATH
- EXISTING FIRE EXTINGUISHER LOCATION
- AREA OF REFUGE
- AUTOMATED EXTERNAL DEFIBRILLATOR (AED)
- RESCUE WINDOW
- ALTERATION LEVEL 1 WORK AREA
- ALTERATION LEVEL 2 WORK AREA



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.: Date: Description:



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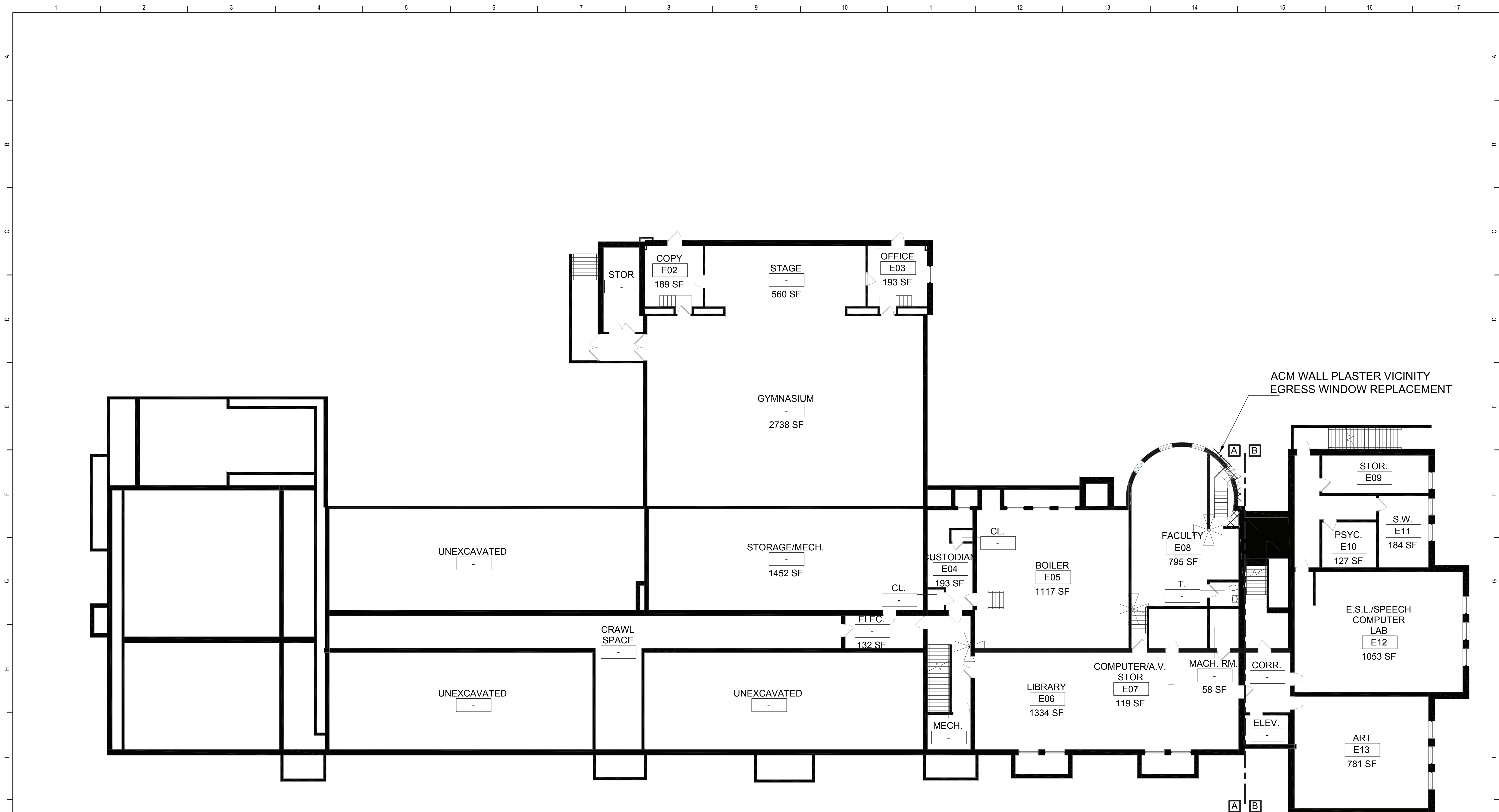


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Code Compliance Ground, First, and
Second Floor Key Plans

Drawn By: TLG Date: 10/28/2022 Drawing Number:
Project No.: 279180-22004 DG351



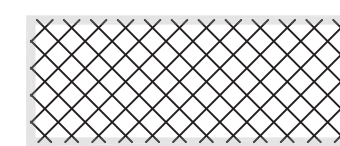
SOUTH AVENUE ELEMENTARY - GROUND FLOOR ABATEMENT PLAN
SCALE: NONE

ASBESTOS ABATEMENT NOTES

ASBESTOS ABATEMENT CONTRACTOR IS RESPONSIBLE FOR TOTAL AND COMPLETE REMOVAL AND DISPOSAL OF ASBESTOS CONTAINING (ACM) PLASTER WALL AND COVERINGS AT LOCATIONS INDICATED.

REFER TO SPECIFICATION SECTION 020800 - SECTION 3.17 FOR A DESCRIPTION OF THE WORK.

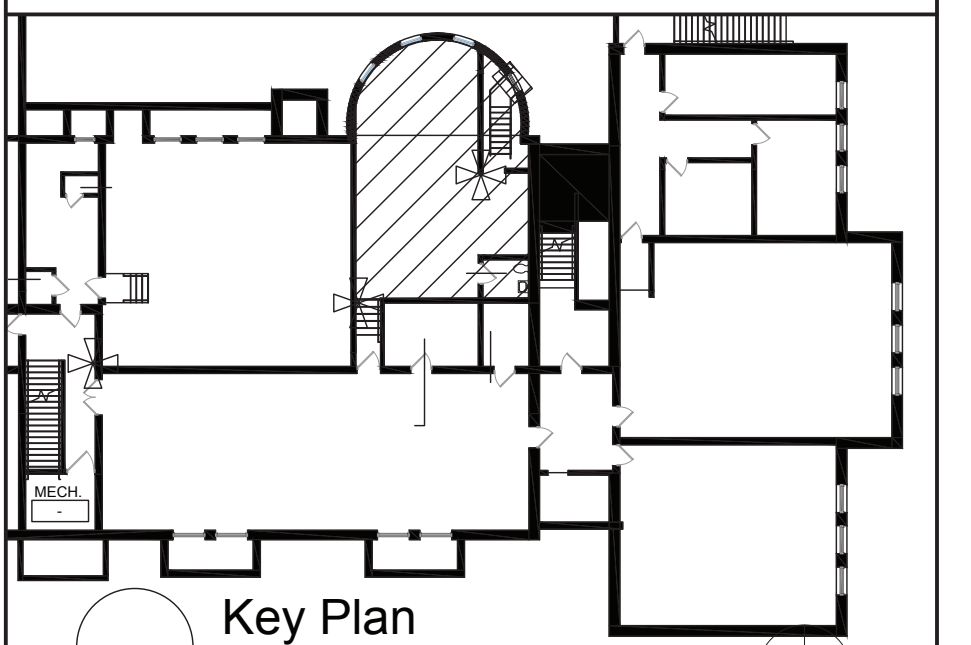
ASBESTOS ABATEMENT LEGEND



ASBESTOS CONTAINING PLASTER WALLS AND CEILINGS.

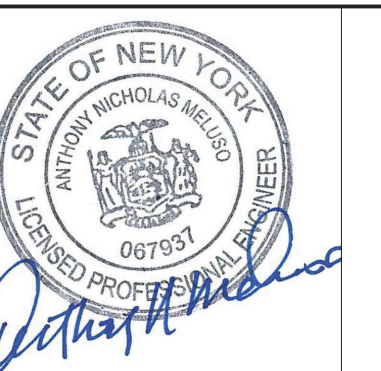
QUALITY ENVIRONMENTAL SOLUTIONS
& TECHNOLOGIES, INC.

1376 NYS ROUTE 9
WAPPINGERS FALLS, NY 12590
TEL : (845) 298-6031



S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.:	Date:	Description:
1	9-13-22	100% SED Submittal

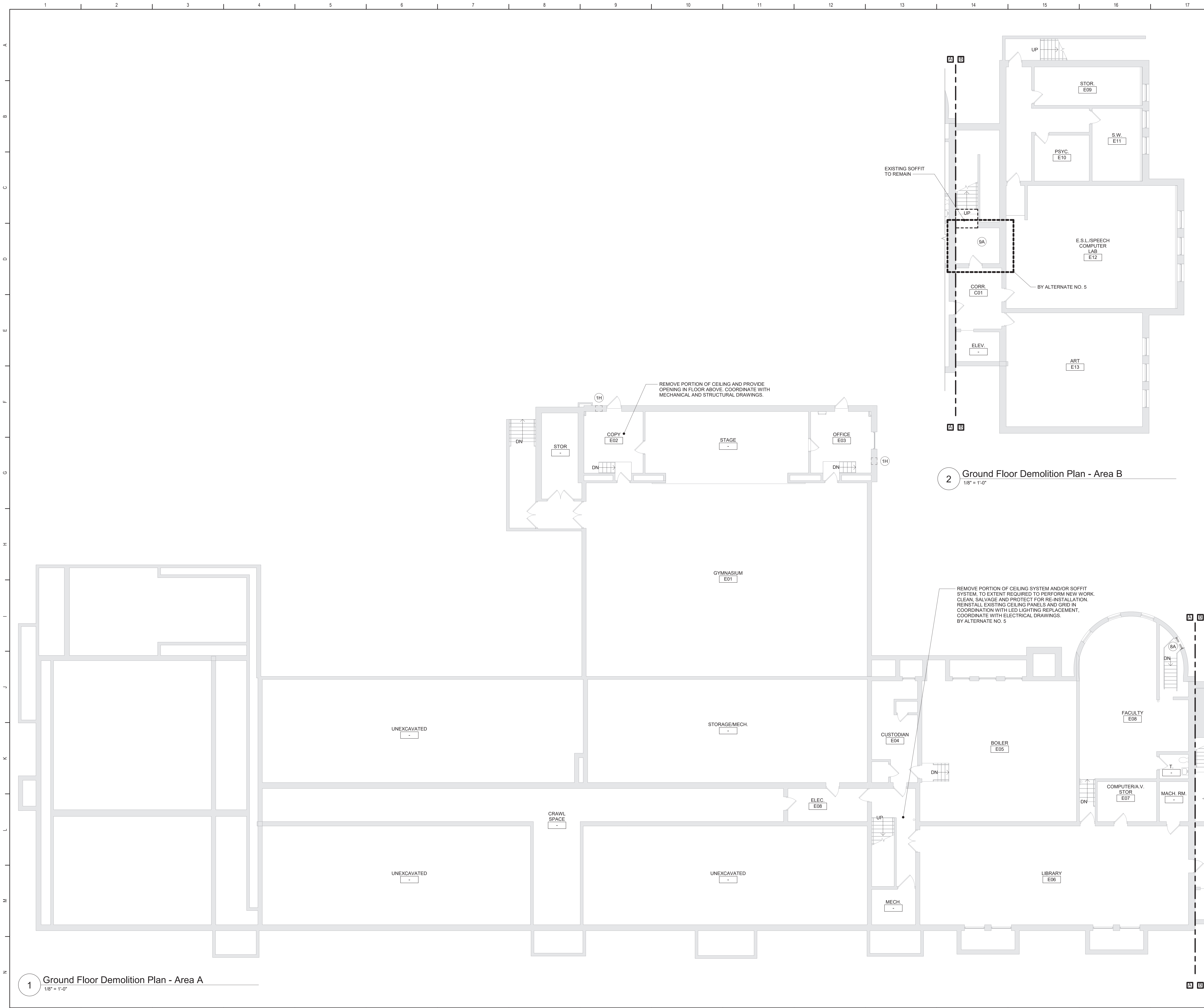


Beacon City School District
Beacon, New York

Reconstruction to:
South Avenue Elementary School

Asbestos Abatement

Drawn By: AM/GD	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004		DH100

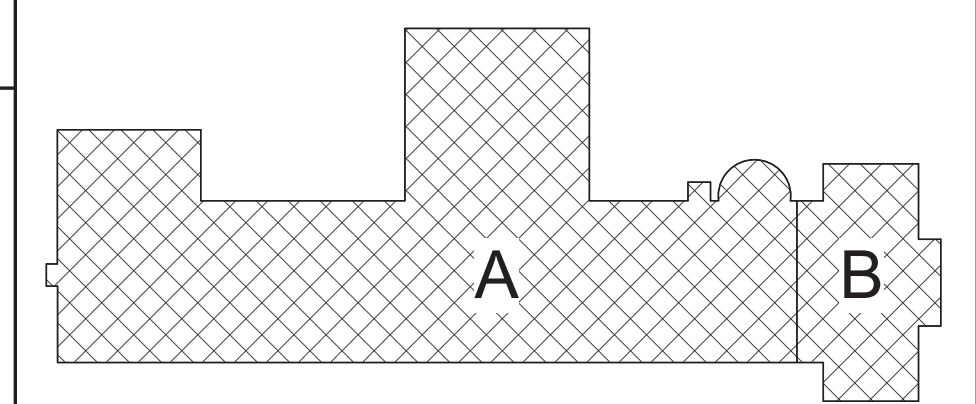


General Demolition Notes

- A. - - - - REMOVE ITEMS INDICATED BY DASHED LINE.
- B. KEYED DEMOLITION TAGS REFER TO SPECIFIC LOCATIONS AS FOLLOWS:
- DEMOLITION TAGS LOCATED WITHIN THE MIDDLE OF A SPACE REFER TO DEMOLITION OF ALL ITEMS OF THAT SAME TYPE WITHIN THAT ENTIRE SPACE.
 - DEMOLITION TAGS PLACED IMMEDIATELY ON OR ADJACENT TO A DASHED LINE INDICATING ITEM REMOVAL OR THAT HAVE A LEADER POINTING TO SPECIFIC ITEM(S) REFER TO DEMOLITION OF THAT SPECIFIC ITEM ONLY OF THAT TYPE WITHIN THAT SPACE.
 - DEMOLITION TAGS IN SERIES REFER TO DEMOLITION OF ALL THOSE ITEMS EITHER WITHIN THAT ENTIRE SPACE OR TO THE SPACE IDENTIFIED BY THAT LEADER.
- C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.
- D. ALL ARTWORK NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK. CONTACT OWNERS AGENT(S) IF ANY ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.
- E. COORDINATE WITH ABATEMENT DRAWINGS PRIOR TO DEMOLITION.

Demolition Key Notes

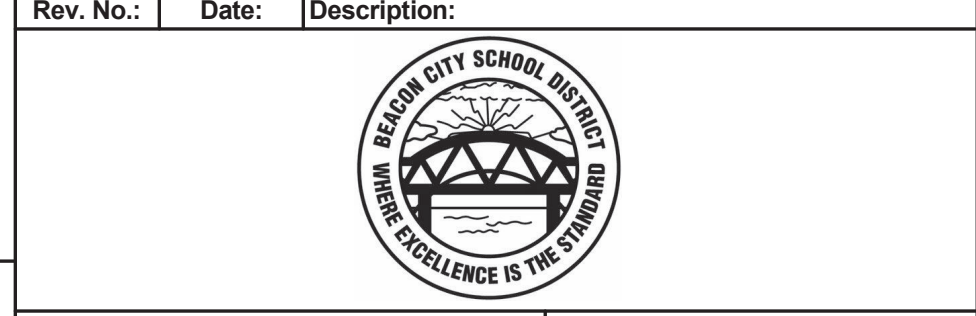
- (1H) PROVIDE NEW OR ENLARGE EXISTING OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. SEE STRU DRAWINGS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. COORDINATE WITH SCHEDULED WORK ON MECHANICAL DRAWINGS.
- (8A) REMOVE WINDOW COMPLETELY. PREPARE OPENING TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. SEE ABATEMENT DRAWINGS.
- (9A) REMOVE CEILING SYSTEM AND/OR SOFFIT SYSTEM IN ITS ENTIRETY.
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- SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):
- A. CERAMIC FLOOR TILE.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.	Date	Description



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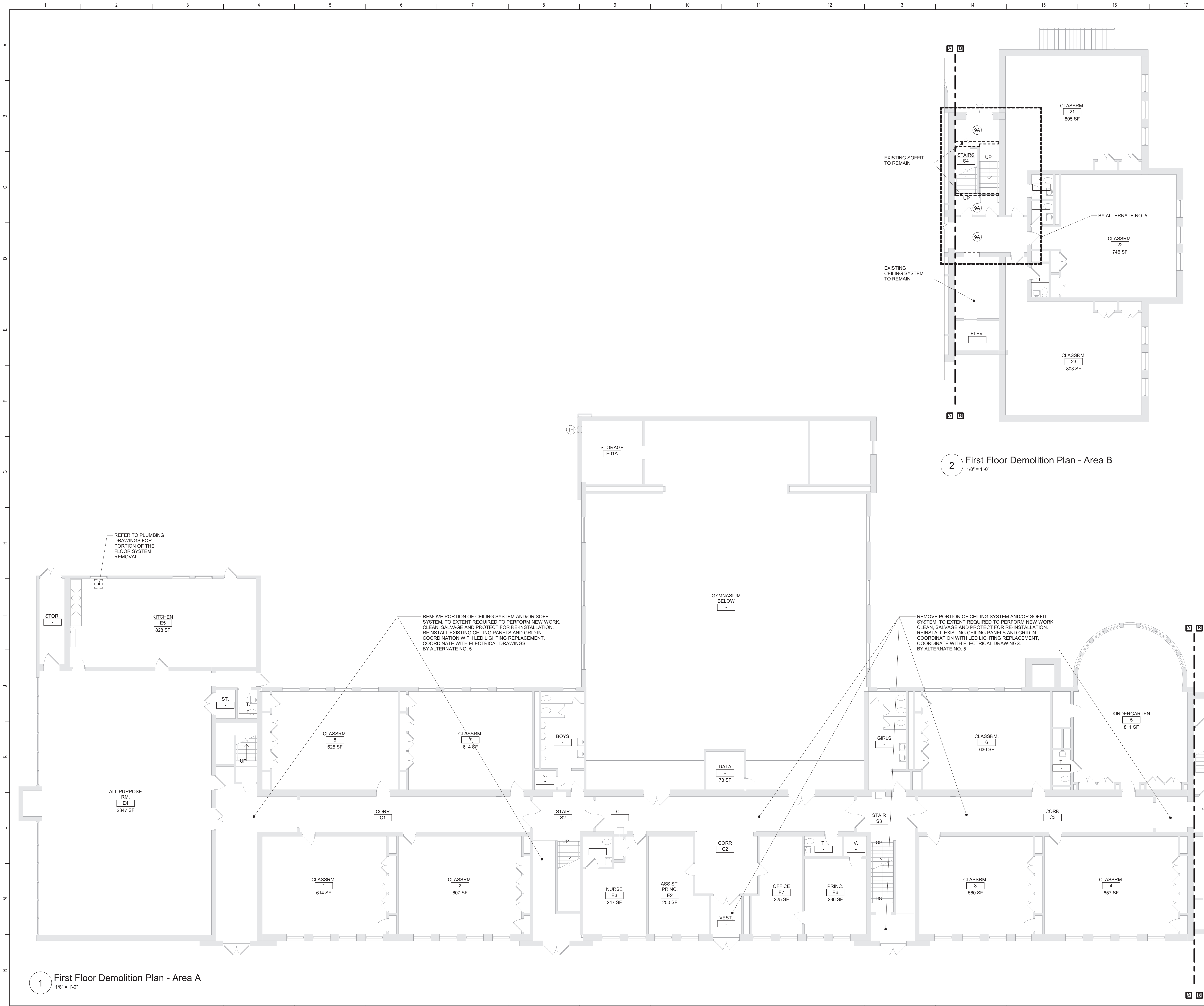


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Ground Floor Demolition Plans - Area
A and B

Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DA100	



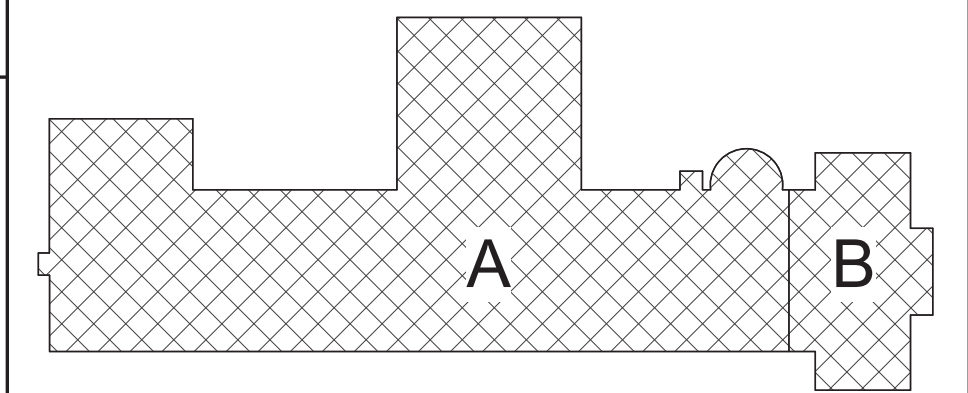
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- C. WHEN AN ITEM IS INDICATED TO BE DEMOLISHED REMOVE ALL ASSOCIATED COMPONENTS AS PART OF THAT WORK.
- D. ALL ARTWORK NOT PERMANENTLY AFFIXED TO EXISTING CONSTRUCTION SHALL BE REMOVED AND STORED BY OWNER PRIOR TO BEGINNING DEMOLITION WORK. CONTACT OWNERS AGENT(S) IF ANY ARTWORK IS ENCOUNTERED PRIOR TO START OF DEMOLITION WORK.
- E. COORDINATE WITH ABATEMENT DRAWINGS PRIOR TO DEMOLITION.

Demolition Key Notes

- (1H) PROVIDE NEW OR ENLARGE EXISTING OPENING IN WALL TO EXTENT REQUIRED TO PERFORM SCHEDULED WORK. PROVIDE LINTEL PER LINTEL SCHEDULE. SEE STRU DRAWINGS. PATCH EXPOSED SURFACES TO MATCH ADJACENT FINISHES / SURFACES. COORDINATE WITH SCHEDULED WORK ON MECHANICAL DRAWINGS.
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SUFFIX KEY (FLOOR FINISH IDENTIFICATIONS):
A. CERAMIC FLOOR TILE.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.: Date: Description:



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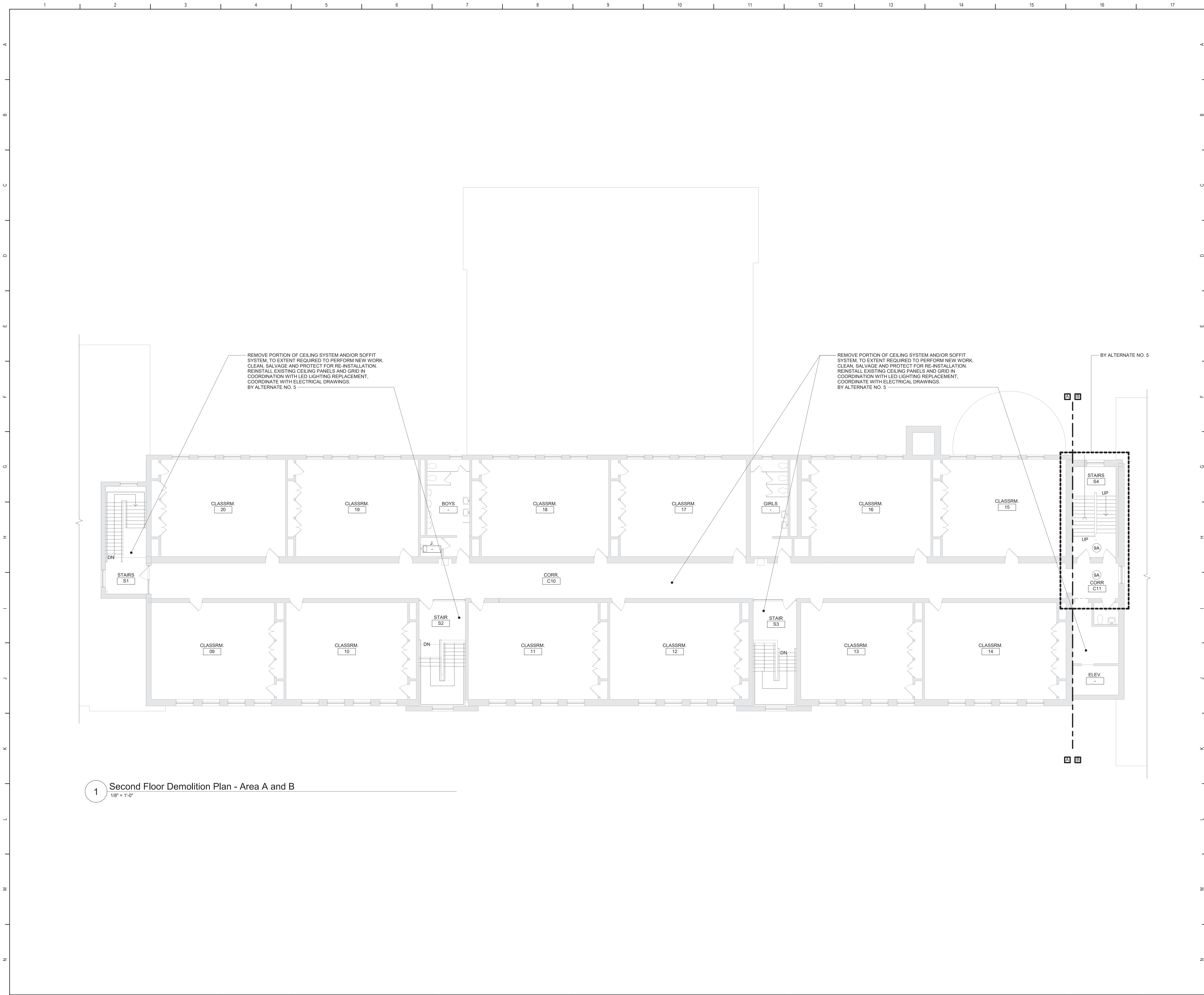


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

First Floor Demolition Plan - Area A and B

Drawn By: TLG Date: 10/28/2022 Drawing Number: DA101
Project No.: 279180-22004



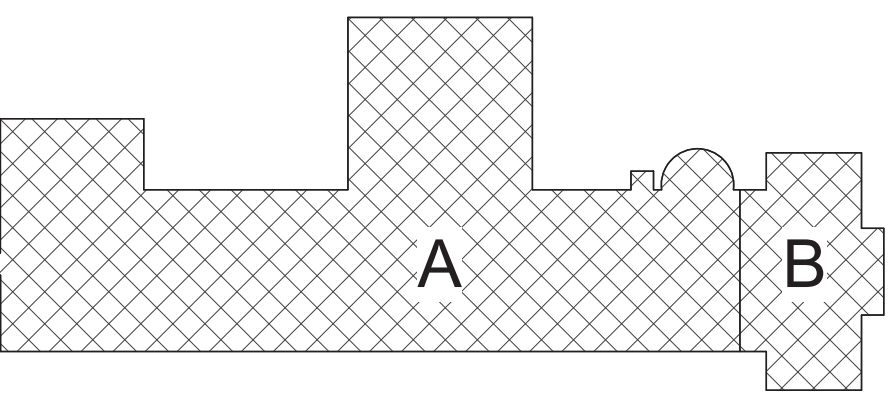
1 Second Floor Demolition Plan - Area A and B
1/8" = 1'-0"

General Demolition Notes

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A. CERAMIC FLOOR TILE.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

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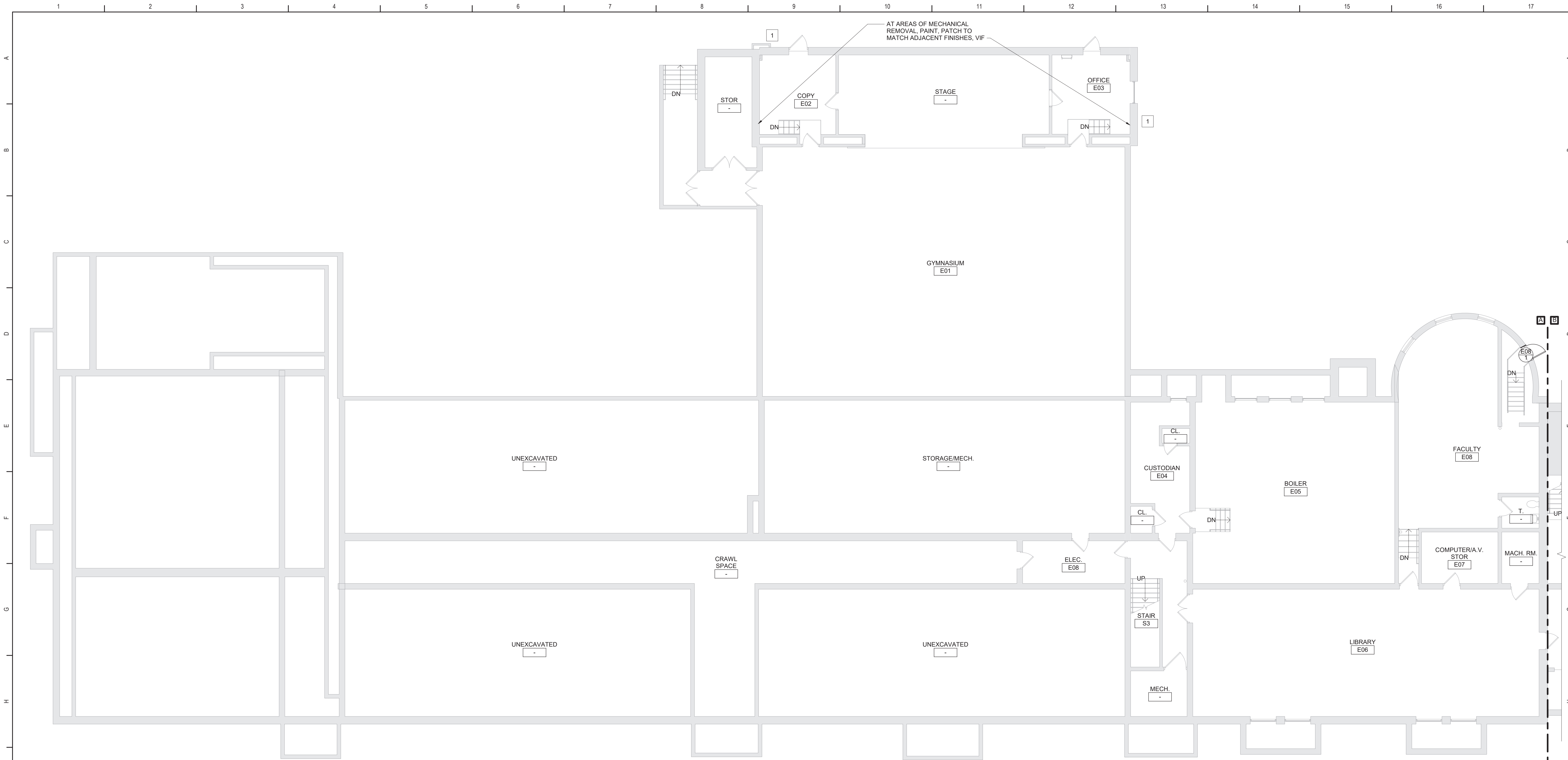


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Second Floor Demolition Plan - Area A and B

Drawn By: TLG	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DA102	

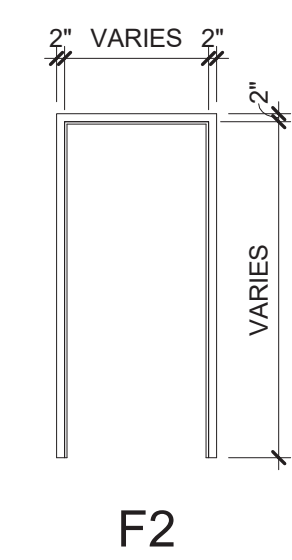


1 Ground Floor Plan - Area A
1/8" = 1'-0"

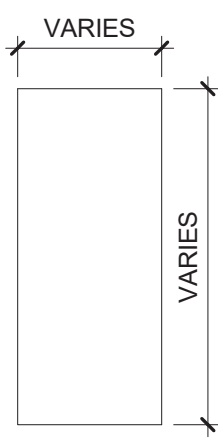
Door Schedule																		
ROOM NUMBER	DOOR NUMBER	DOOR						FRAME									HDW SET	REMARKS
		TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING	TYPE	MATERIAL	WIDTH	HEIGHT	RATING	GLAZING	HEAD	JAMB	SILL		
BASEMENT																		
E08	1	F	FRP	2'-6"	4'-0"	-	-	F2	AL	2'-10"	4'-2"	-	-	4/DA130	5/DA130	6/DA130	15	NOTE 1, 2 AND 3

GENERAL NOTES:
VERIFY ALL DIMENSIONS IN THE FIELD

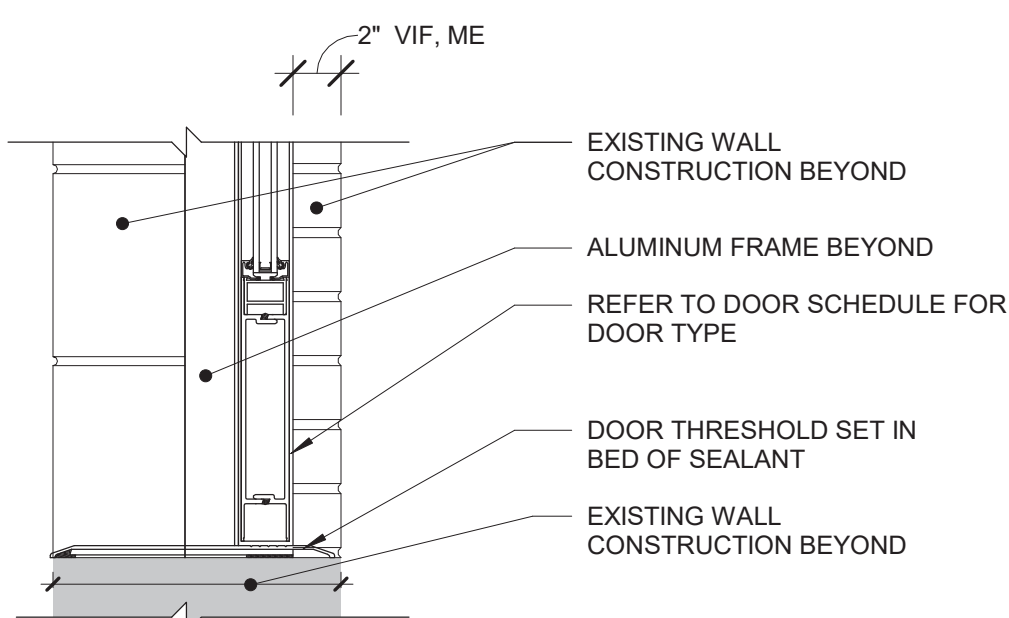
SPECIFIC NOTES:
- NOT APPLICABLE
1. THRESHOLD 2'-11" ABOVE INTERIOR LANDING, LEVEL WITH EXTERIOR GRADE, VIF.
2. MATCH FRAME TO EXISTING OPENING HEIGHT AND WIDTH, VIF.
3. PROVIDE 1" HIGH BUMPER SEAL THRESHOLD. FULL WIDTH OF WALL, VIF



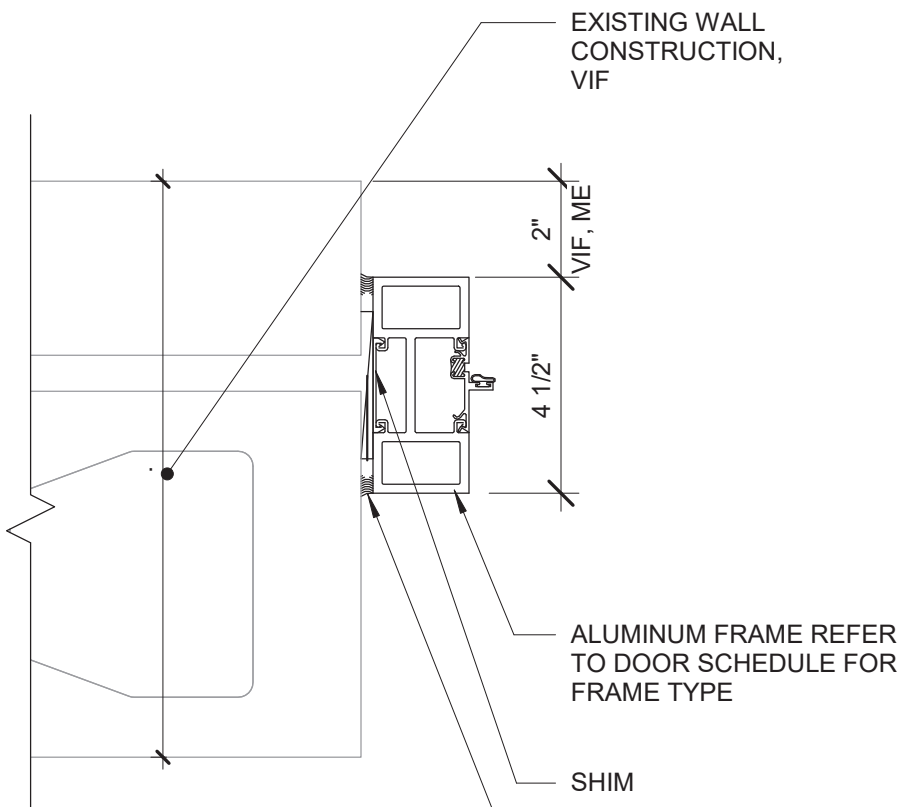
F2
FRAME TYPES



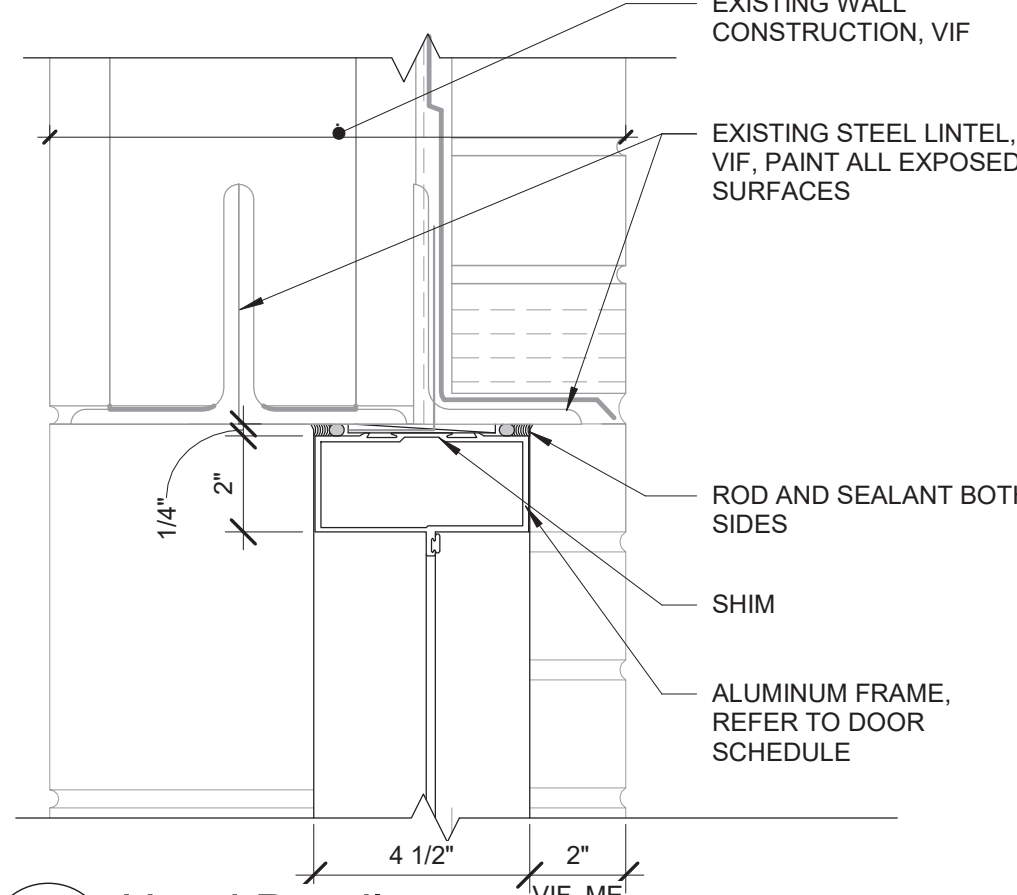
F
DOOR TYPES



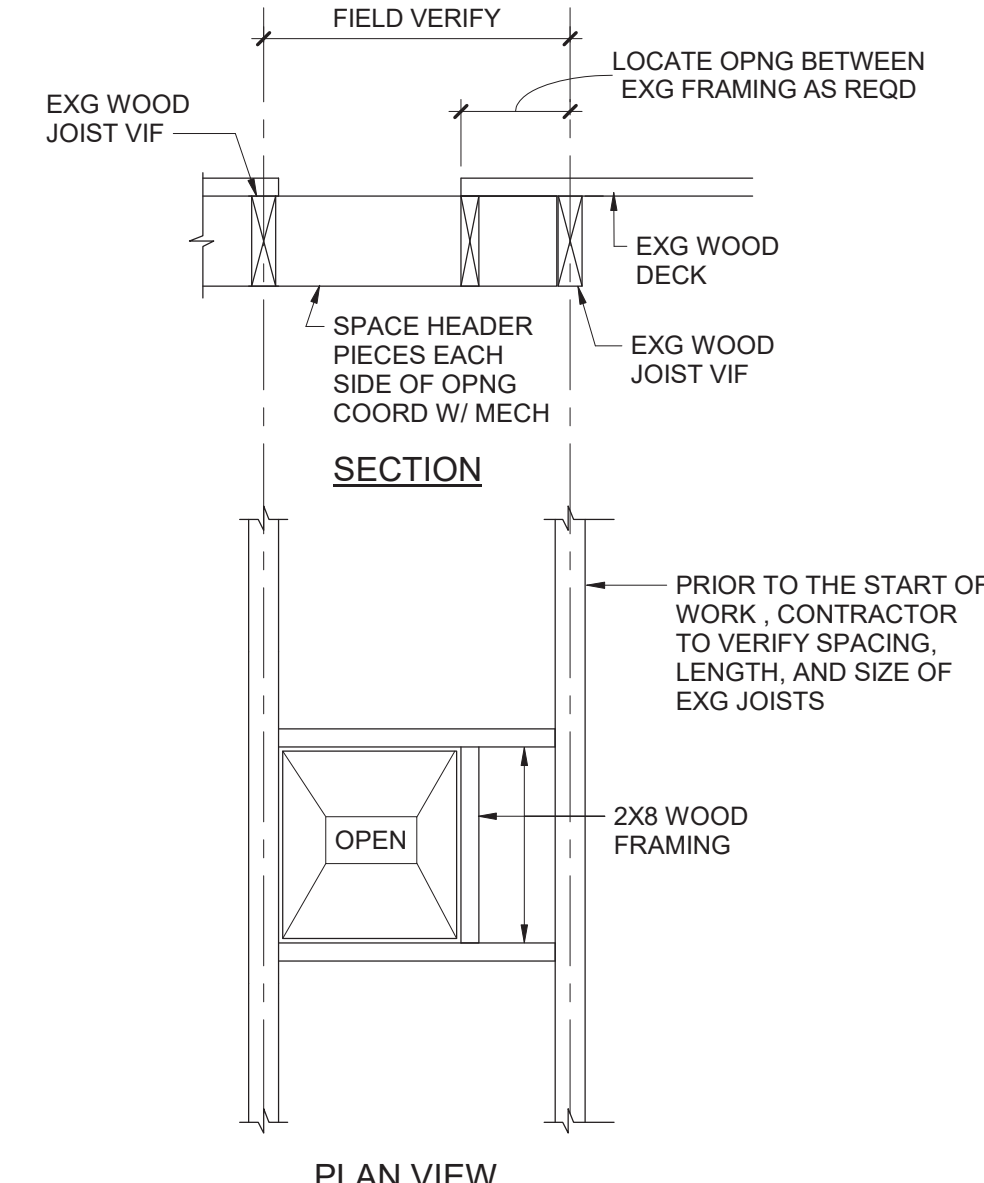
6 Threshold Detail
1 1/2" = 1'-0"



5 Jamb Detail
3" = 1'-0"



4 Head Detail
3" = 1'-0"



3 Typ New Opng at Exg Wood Framed
3/4" = 1'-0"

1. FOR 4" THICK WALLS	MASONRY OPENING UP TO 6'-4"	LINTEL ANGLE MT 6X5.9
2. FOR 6" THICK WALLS	MASONRY OPENING (5)	LINTEL ANGLE
	5'-0"	2- L2 1/2X3 1/2X5/16
	6'-0"	2- L3X2 1/2X5/16 LLV
	7'-0"	2- L3 1/2X2 1/2X5/16 LLV
	8'-0"	2- L3 1/2X2 1/2X5/16 LLV
3. FOR 8", 12", AND 16" THICK WALLS: FOR EACH 4" THICKNESS OF WALL	MASONRY OPENING (3)	LINTEL ANGLE
	5'-0"	L3 1/2X3 1/2X5/16
	6'-0"	L4X3 1/2X 5/16 LLV
	7'-0"	L5X3 1/2X5/16 LLV
	8'-0"	L5X3 1/2X5/16 LLV
	9'-0"	L6X3 1/2X5/16 LLV
	10'-0"	L6X3 1/2X5/16 LLV
LINTEL NOTES		
1. ALL OPENINGS 1'-0" AND OVER REQUIRE LINTELS.		
2. STEEL TO BE A36.		
3. THIS SCHEDULE IS TYPICAL FOR ALL MASONRY OPENINGS IN NON-LOAD BEARING WALLS UNLESS OTHERWISE NOTED.		
4. ALL LINTELS TO HAVE MINIMUM 8" BEARING BOTH ENDS.		
5. BACK TO BACK ANGLES ARE TO BE STITCH WELDED TOGETHER BEFORE PLACEMENT.		
6. ALL LINTELS ARE TO HAVE BOTH ENDS BEAR ON SOLID MASONRY OR SOLIDLY GROUTED HOLLOW MASONRY.		
7. WHERE MINIMUM 8" BEARING LENGTH CANNOT BE PROVIDED DUE TO COLUMN INTERFERENCE, PROVIDE CONNECTION OF LINTEL TO COLUMN.		
8. THIS LINTEL SCHEDULE IS APPLICABLE FOR USE IN EXISTING BUILDING. SHORE EXISTING STRUCTURE AND WALL AS REQD FOR INSTALLATION OF NEW MAS AND LINTEL. SEE ARCHITECTURAL AND MECHANICAL DRAWINGS FOR SIZE AND LOCATION OF OPENINGS.		

2 Lintel Schedule
12" = 1'-0"

General Plan Notes

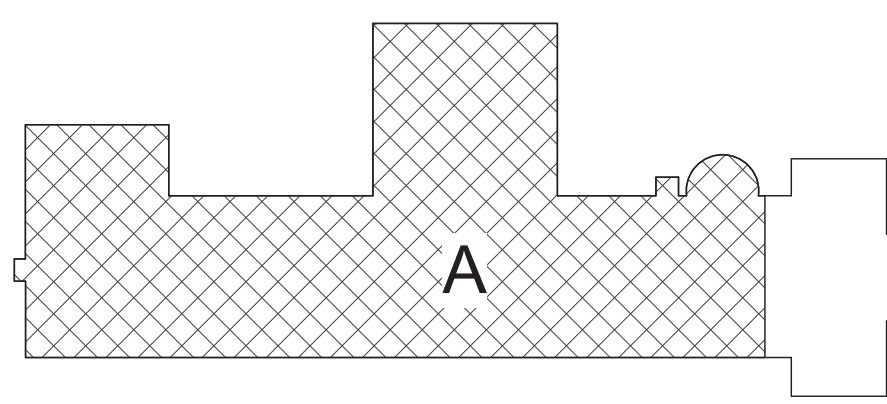
- A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.

General Door Notes

- A. HARDWARE ON DOORS FROM SPACES OF PUPIL OCCUPANCY SHALL BE A TYPE WHICH WILL ALWAYS PERMIT THE DOOR TO BE OPENED FROM THE INSIDE WITHOUT DIRECT MANIPULATION OF ANY TYPE LOCKING DEVICE.
- B. APPLY CONTINUOUS JOINT SEALANT TO ALL JOINTS BETWEEN FRAMES AND WALLS. TYP ALL.
- C. VERIFY SIZES OF ALL EXISTING OPENINGS IN SCHEDULE PRIOR TO FIRST SUBMISSION OF SHOP DRAWINGS. NOTIFY ARCHITECT IF ANY ARE LESS THAN CODE MINIMUM HEIGHT OF 6'-8". ASSUME FOR BIDDING ALL EXISTING OPENINGS ARE AS NOTED IN THE SCHEDULE (VIF, TYP).
- D. MATERIAL DESIGNATION KEY:
- FRP FIBERGLASS REINFORCED PLASTIC
HM HOLLOW METAL
WD WOOD
AL ALUMINUM
STL STEEL
EXG EXISTING
- E. ADDITIONAL DOOR SCHEDULE DESIGNATIONS:
- * EXISTING TO REMAIN
- NOT APPLICABLE
NOT APPLICABLE OR TO BE COORDINATED WITH STOREFRONT TYPE.

Keyed Plan Notes

- 1 INSTALL LOUVER FURNISHED BY OTHERS AT NEW OPENING. COORDINATE WITH MECHANICAL DRAWINGS.



S.E.D. Control No. 13-02-00-01-0-003-016

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Beacon City School District
Beacon, New York

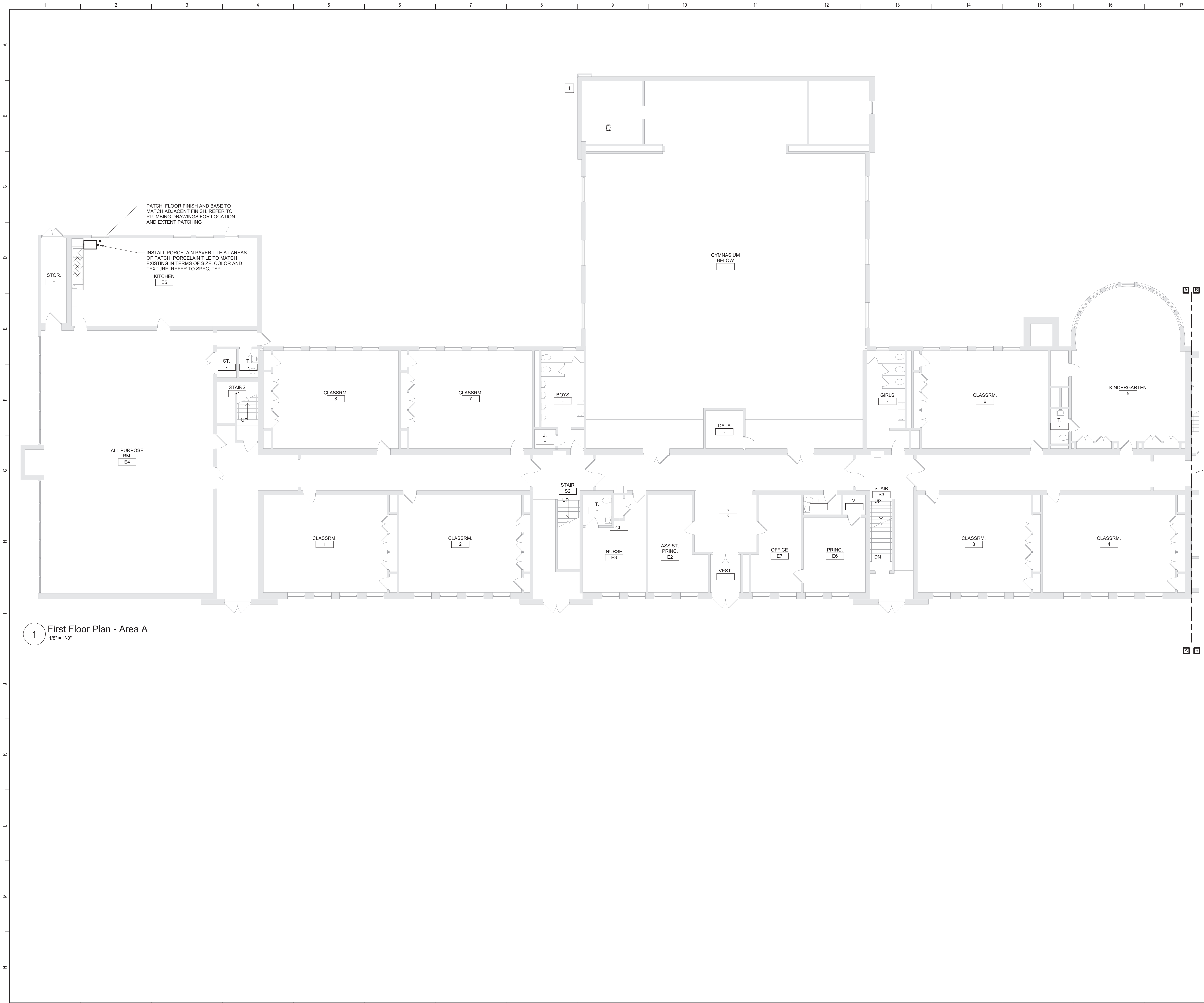
Reconstruction to:
South Ave Elementary School

Ground Floor Plan - Area A, Door Schedule, Door and Frame Types and Details

Drawn By: Date: Drawing Number:

Project No.: 279180-22004

DA130



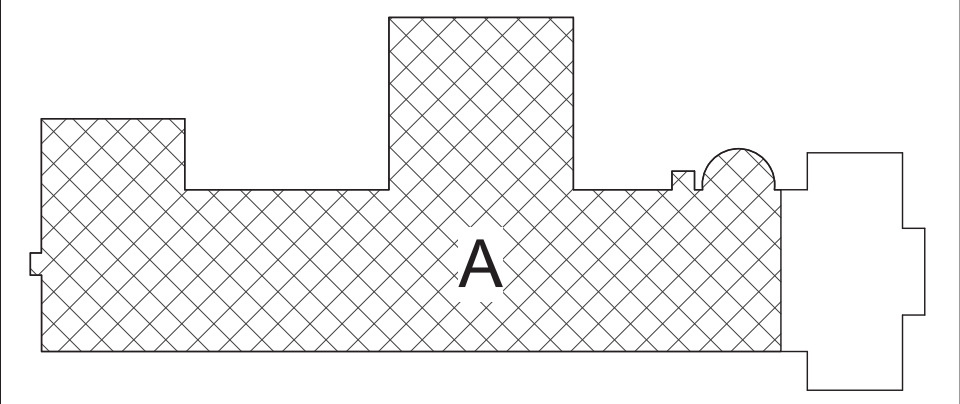
1 First Floor Plan - Area A
1/8" = 1'-0"

General Plan Notes

A. WHERE EXISTING CONSTRUCTION IS DAMAGED OR DISTURBED, PATCH AS REQUIRED TO RESTORE SURFACES TO THEIR ORIGINAL CONDITION.

Keyed Plan Notes

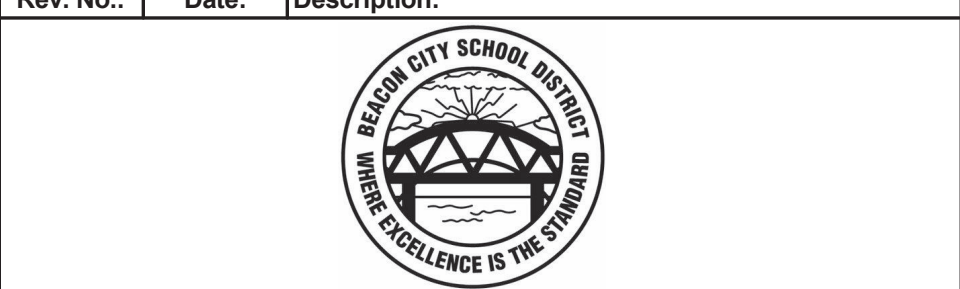
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Key Plan
N.T.S.

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Beacon City School District
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Reconstruction to:
South Ave Elementary School

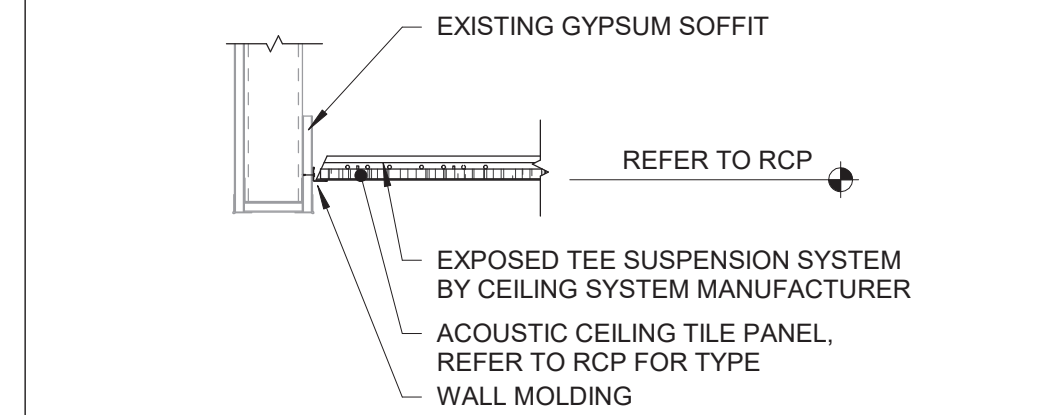
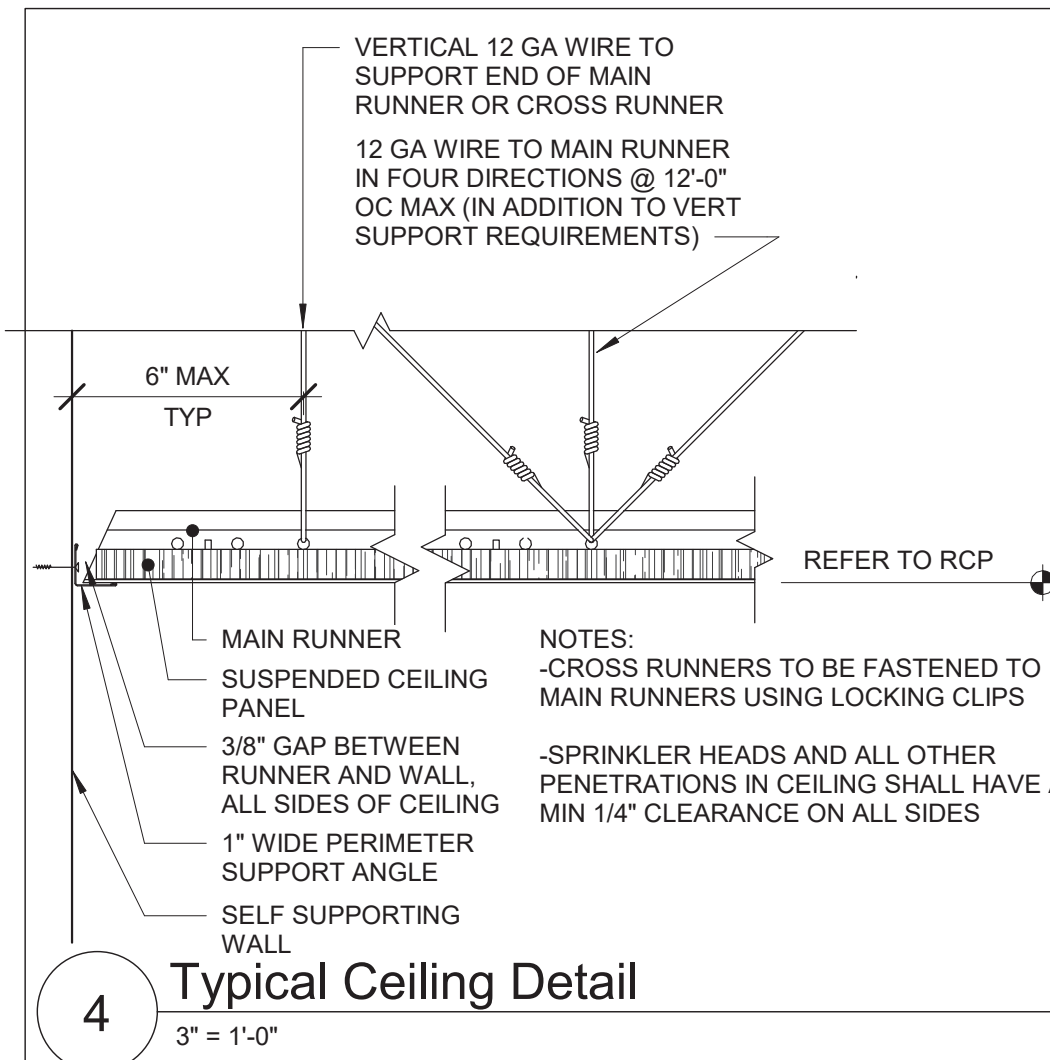
First Floor Plan - Area A

Drawn By: TLG	Date: 10/28/2022	Drawing Number: DA131
Project No.: 279180-22004		

3 Second Floor - Reflected Ceiling Plan - Area B
1/8" = 1'-0"

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

1 Ground Floor - Reflected Ceiling Plan - Area B
1/8" = 1'-0"



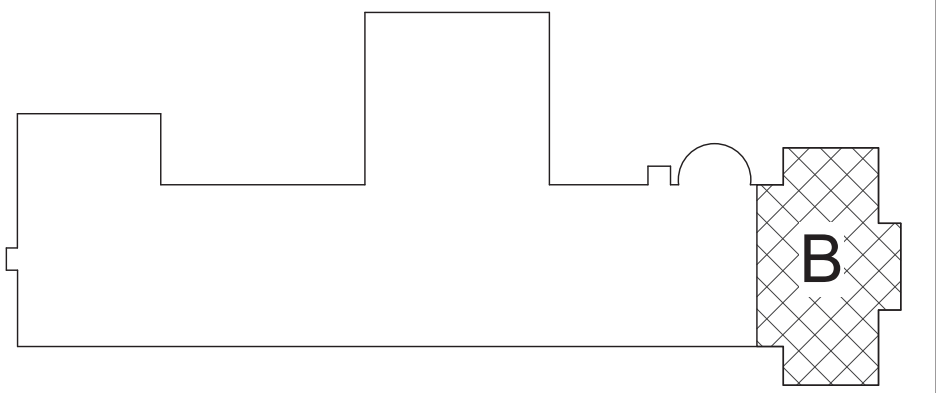
General Ceiling Notes

- LIGHTING AND OTHER CEILING-MOUNTED FIXTURES ARE SHOWN FOR DRAWING CLARITY. COORDINATE ALL CEILING WORK PRIOR TO INSTALLATION OF CEILING GRID.
- CEILING HEIGHT IS 9'-0" ABOVE FINISHED FLOOR (UNO).
- CENTER CEILING-MOUNTED ITEMS (LIGHTS, GRILLES, DETECTORS, SPRINKLER HEAD, ETC) WITHIN THE CEILING PANELS AND GRIDS UNLESS THE PANELS ARE SCORED. CENTER ITEMS WITHIN THE PATTERN OF SCORED PANELS.
- PROVIDE EXPANSION JOINT (EJ) COVERS IN CEILINGS AND SOFFITS AT EJ LOCATIONS.
- PROVIDE CONTROL JOINTS IN GYPSUM BOARD CEILINGS AND SOFFITS AS DETAILED ON DRAWINGS (MAXIMUM 20'-0" OC, EVENLY SPACED, TYP UNO).
- PATCH CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK TO MATCH ADJACENT CONSTRUCTION PRIOR TO PAINTING.
- (X) 9'-0" DESIGNATES BOTTOM OF CEILING ABOVE FINISHED FLOOR AT THAT POINT UNO. DESIGNATION "ME" INDICATES MATCH EXISTING CEILING HEIGHT.
- AT ALL LOCATIONS OF GYPSUM CEILINGS - PROVIDE 24" X 24" CONCEALED FLANGE ACCESS DOOR REGARDLESS OF LOCATION OR REQUIREMENT FOR ACCESS TO EQUIPMENT.

Ceiling Types

A1 X-X' ACOUSTIC PANEL CEILING

NOTE: AT AREAS WITH "+/-", THE INTENT IS TO MATCH EXISTING, VERIFY IN FIELD.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.: Date: Description:



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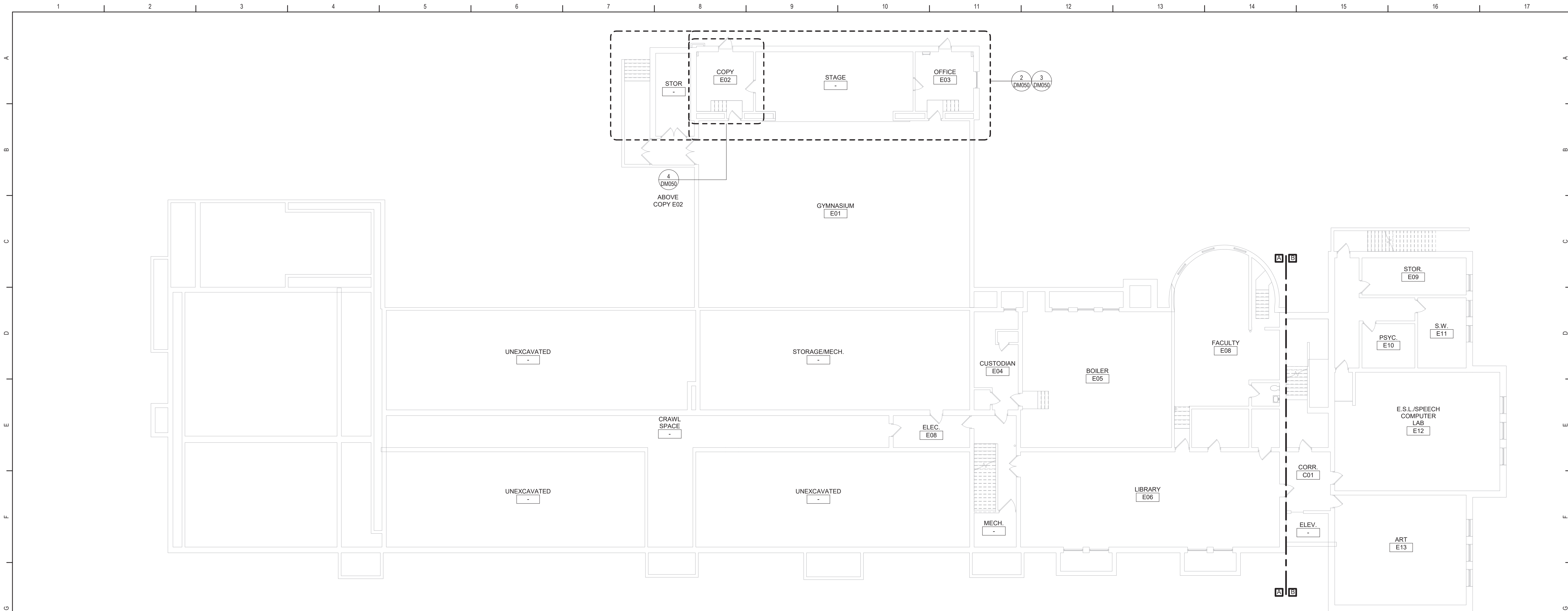


Beacon City School District
Beacon, New York

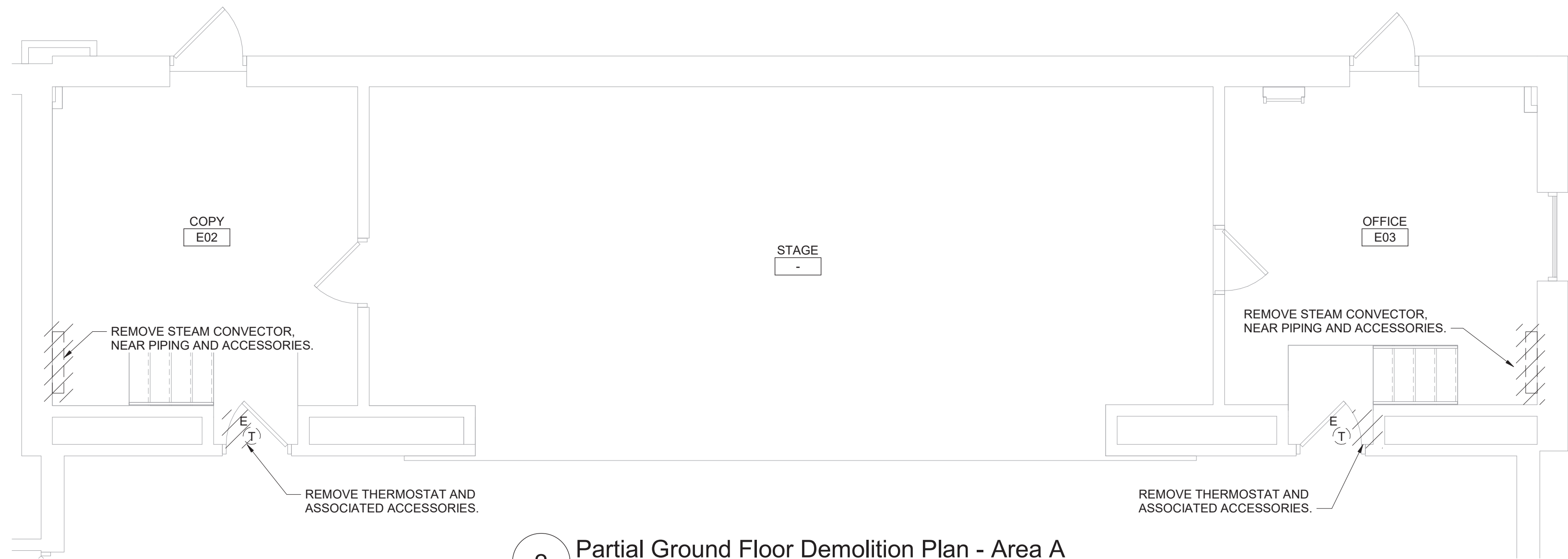
Reconstruction to:
South Ave Elementary School

Reflected Ceiling Plans

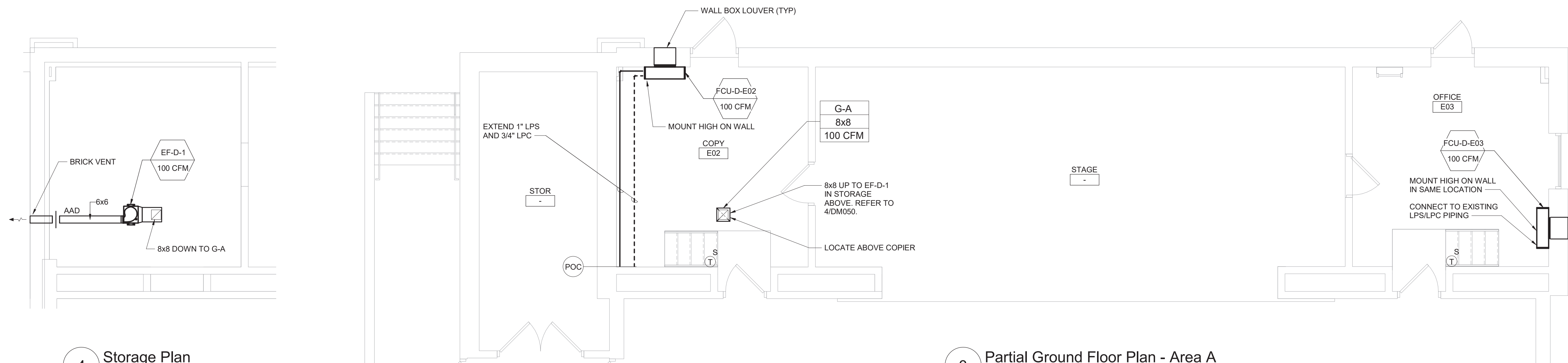
Drawn By: TLG Date: 10/28/2022 Drawing Number: DA160
Project No.: 279180-22004



1 Ground Floor Key Plan
3/32" = 1'-0"



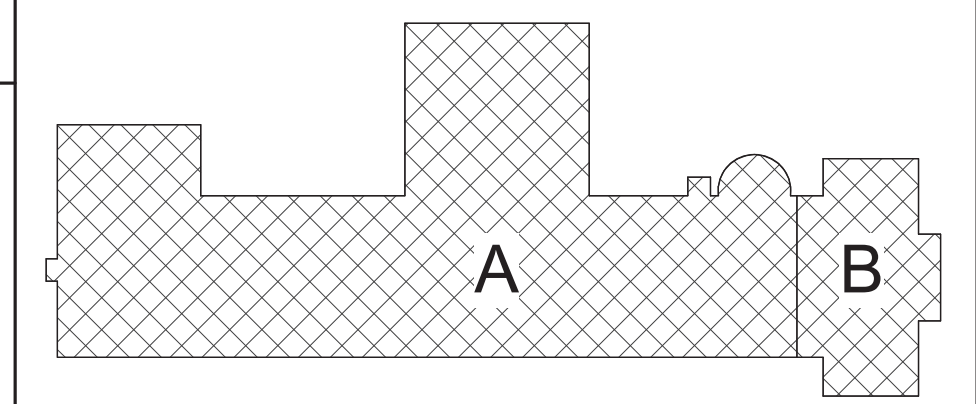
2 Partial Ground Floor Demolition Plan - Area A
1/4" = 1'-0"



3 Partial Ground Floor Plan - Area A
1/4" = 1'-0"

4 Storage Plan
1/4" = 1'-0"

- General Notes**
- THE FOLLOWING GENERAL NOTES APPLY TO ALL "DM" SERIES DRAWINGS.
 - REFER TO ALL CONTRACT DOCUMENTS, DRAWINGS AND SPECIFICATIONS, FOR DETAILED STANDARDS AND REQUIREMENTS.
 - REPORT UNSAFE OR UNSATISFACTORY CONDITIONS IN WRITING TO ARCHITECT AND RESOLVE ISSUES BEFORE PROCEEDING.
 - WORK INCLUDES ALL LABOR AND MATERIALS REQUIRED TO PROVIDE COMPLETE WORKING SYSTEMS.
 - COORDINATE PHASING REQUIREMENTS AT JOB MEETINGS AND ON WORK SCHEDULES.
 - DO NOT SCALE DRAWINGS. PIPING AND DUCTWORK ARE SHOWN DIAGRAMMATICALLY. IT IS NOT POSSIBLE TO SHOW EVERY TRANSITION, FITTING, ASPECT RATIO CHANGE, ETC.; PROVIDE AS REQUIRED TO FIT WITHIN STRUCTURAL CONSTRAINTS. EXAMINE CONDITIONS UNDER WHICH THE WORK IS TO BE PERFORMED AND VERIFY ALL ACCESS, LOCATIONS, DIMENSIONS, ARRANGEMENTS, ELECTRICAL CHARACTERISTICS AND INTERFERENCE IN THE FIELD PRIOR TO BID.
 - VERIFY EXTENT OF CEILING WORK SHOWN ELSEWHERE IN THE CONTRACT DOCUMENTS. PROVIDE FOR ADDITIONAL CEILING SYSTEM REMOVAL, PROTECTION, AND REINSTALLATION AS REQUIRED FOR CONTRACT WORK.
 - DEMOLITION DRAWINGS SHOW THE GENERAL SCOPE OF ITEMS AND SYSTEMS TO BE REMOVED. IT IS NOT THE INTENT TO SHOW ALL ITEMS TO BE REMOVED. FIELD VERIFY AND REMOVE ALL ASSOCIATED ITEMS BACK TO POINT OF CONTINUED SERVICE, UNLESS OTHERWISE NOTED. VERIFY WHAT ALL EQUIPMENT SERVES PRIOR TO REMOVAL.
 - GIVE ALL REMOVED EQUIPMENT TO THE OWNER. DELIVER ON SITE WHERE DESIGNATED BY THE OWNER. PROMPTLY REMOVE FROM THE SITE AND LEGALLY DISPOSE OF ANY SUCH ITEMS DECLINED BY OWNER.
 - IF UNANTICIPATED MECHANICAL, ELECTRICAL, OR STRUCTURAL CONFLICTS ARE ENCOUNTERED, INVESTIGATE AND REPORT BOTH NATURE AND EXTENT OF THE CONFLICT. RE-ROUTE WORK AS REQUIRED.
 - CUT, DRILL, OR OTHERWISE CREATE OPENINGS AS NEATLY AS POSSIBLE, AS REQUIRED FOR THE INDICATED CONTRACT WORK. PROVIDE SUPPORT AS REQUIRED FOR AND USE METHODS LEAST LIKELY TO DAMAGE ELEMENTS TO REMAIN. PRIOR TO WORK, VERIFY LOCATIONS OF ALL STRUCTURAL MEMBERS INCLUDING CROSS BRACINGS, ELECTRICAL WIRING, PLUMBING, ETC. PROMPTLY NOTIFY ARCHITECT OF ANY CONFLICTS. DO NOT CUT ANY STRUCTURAL MEMBERS OR OTHER SERVICES UNTIL SPECIFICALLY DIRECTED TO DO SO. FURNISH RECEIPT OF DIRECTIVE.
 - REARRANGE SCHEDULE AS NECESSARY TO CONTINUE OVERALL JOB PROGRESS WITHOUT DELAY.
 - PATCH ALL DISTURBANCES RESULTING FROM DEMOLITION OR NEW WORK TO MATCH SURROUNDING SURFACES. PATCH FOLLOWING DEMOLITION, AND AGAIN FOLLOWING WORK, WHERE HOLES REMAIN FROM REMOVALS, INFILL AND PATCH TO MATCH UNLESS HOLE IS TO BE REUSED.
 - PROTECT ALL CONTRACT EQUIPMENT. ELEMENTS TO REMAIN, OWNER'S BELONGINGS, AND EQUIPMENT TO BE REUSED OR RETAINED BY OWNER DURING ALL CONTRACT WORK. AT NO ADDITIONAL COST TO OWNER, REPAIR OR REPLACE ITEMS WHICH ARE DAMAGED.
 - THOROUGHLY CLEAN FOLLOWING DEMOLITION AND BEFORE BEGINNING CONTRACT INSTALLATIONS. THOROUGHLY CLEAN AGAIN DURING AND FOLLOWING CONTRACT WORK AS REQUIRED. LEAVE ALL WORK AREAS CLEANER THAN FOUND. LEGALLY DISPOSE OF ALL CONSTRUCTION DEBRIS.
 - PROVIDE TEMPORARY PIPING, DUCT, HEAT, WEATHERPROOFING, ETC. TO SERVICES TO REMAIN UNTIL PERMANENT INSTALLATIONS CAN BE MADE.
 - ALL EXCESS MATERIALS AND SCRAPS ARE CONTRACTOR'S PROPERTY. PROMPTLY REMOVE FROM SITE UNLESS SPECIFICALLY DIRECTED OTHERWISE.
 - EXISTING HVAC COMPONENTS IN THIS BUILDING MAY CONTAIN, BE IN PROXIMITY TO, OR, WORK ON THEM MAY CAUSE DISTURBANCE OF, ASBESTOS CONTAINING OR OTHER HAZARDOUS MATERIALS. REFER TO ABATEMENT SERIES DRAWINGS AND SPECIFICATIONS COMPLETE FOR ADDITIONAL INFORMATION.
 - SEAL ALL FLOOR, WALL AND CEILING PENETRATIONS PER FIRE-RESISTANCE RATINGS NOTED ON AG-SERIES DRAWINGS, BUT NOT LESS THAN 1-HOUR, AND IN ACCORDANCE WITH SECTION 07 84 13 - PENETRATION FIRESTOPPING. THIS INCLUDES ALL NEW PENETRATIONS AND EXISTING UNFIRESTOPPED PENETRATIONS CREATED BY REMOVALS, AS REQUIRED TO PERFORM THE WORK.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.: Date: Description:



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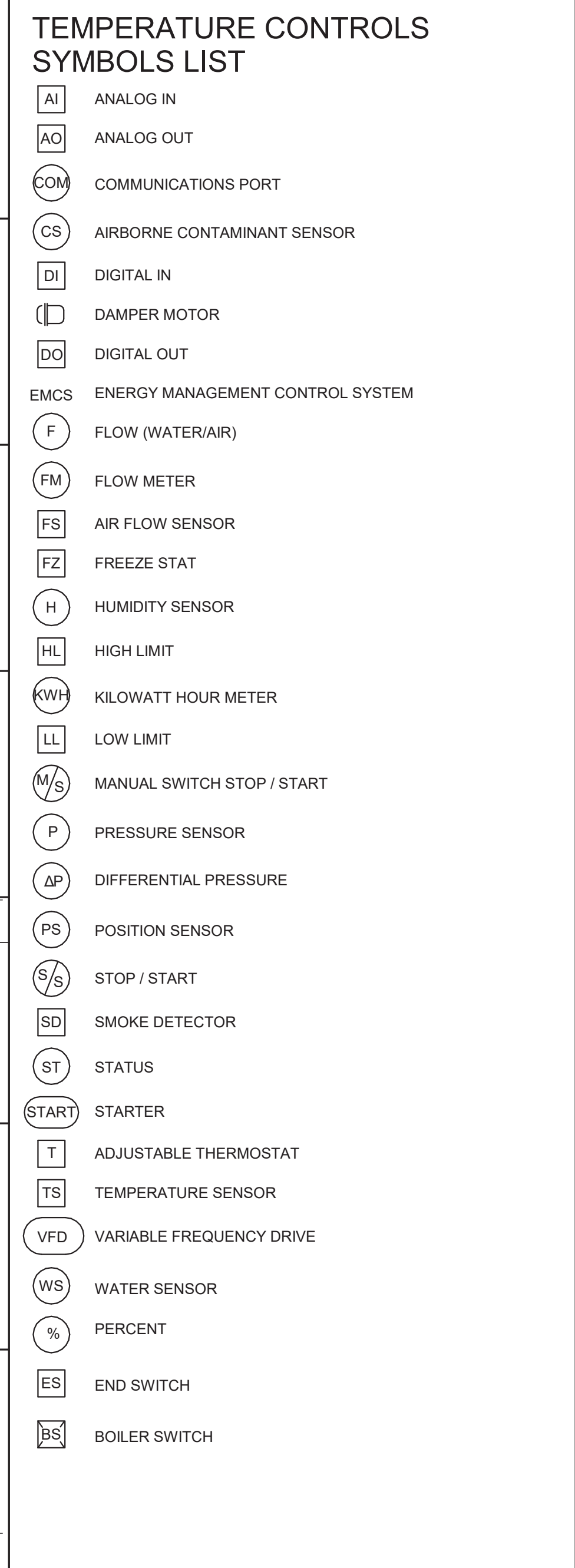
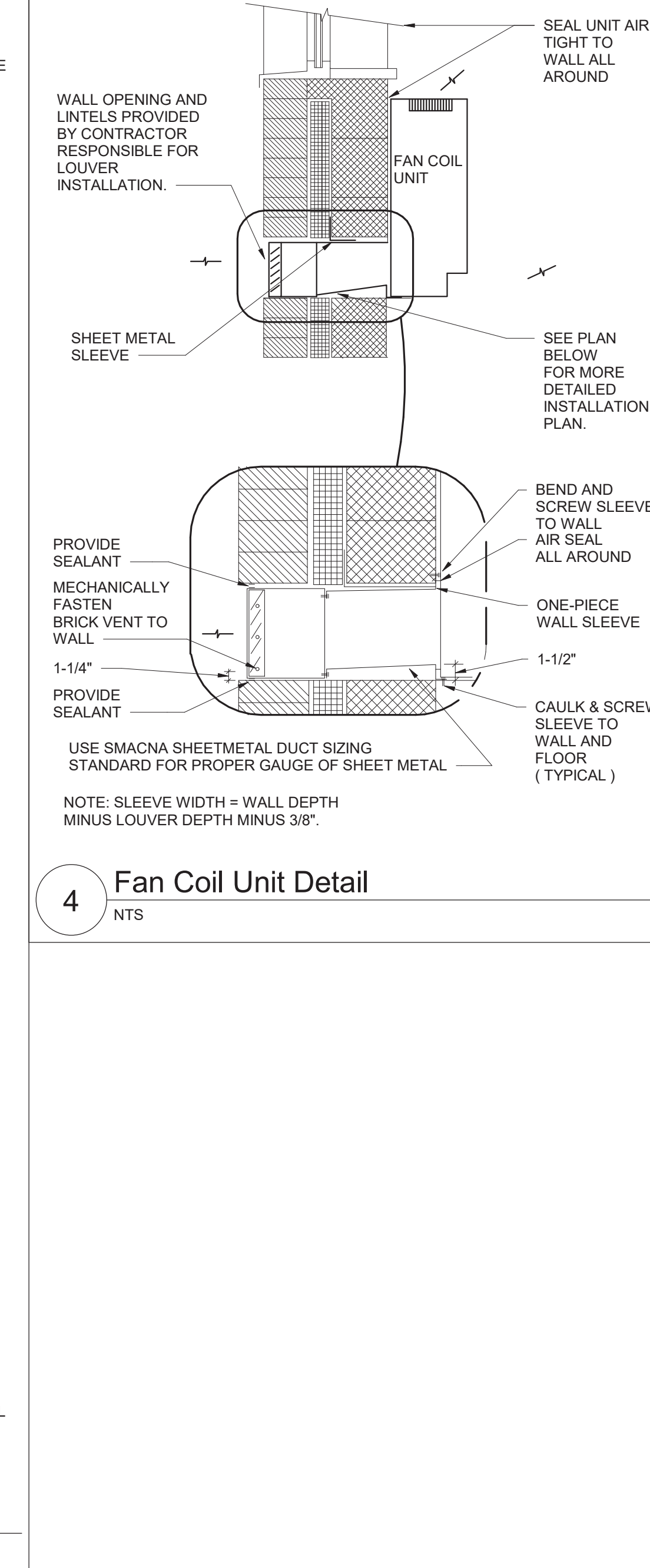


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Ground Floor Floor Key, Demolition
and Floor Plans

Drawn By: JPF/1/pgm Date: 10/28/2022 Drawing Number:
Project No.: 279180-22004
DM050



FAN COIL UNIT (FCU) SCHEDULE																		
		HEATING DATA								SUPPLY FAN			ELECTRICAL					
DWG LABEL	LOCATION	MODEL NO.	SA CFM	MIN. OA	NO. ROW	EAT (°F)	LAT (°F)	CAP. (MBH)	STPM (PSI)	ESP. (IN. WG.)	RPM	MOTOR SIZE (HP)	VPH	FLA	MCA	MOP	NOTES	
FCU-D-002	COPY E-03	FFFB020	100	20	1	56.2	153.3	10.5	2	0.00	0.03	120V1e1a	2.2	2.8	15	1-6		
FCU-D-003	OFFICE E-03	FFFB020	100	20	1	56.2	153.3	10.5	2	0.00	730	0.03	120V1e1a	2.2	2.8	15	1-6	

NOTES:

1. DESIGN BASIS: TRANE

2. VERTICAL WALL HUNG CABINET UNIT

3. PROVIDE 1" MERV13 FILTER.

4. PROVIDE NEMA 1 DISCONNECT SWITCH.

5. VERIFY PIPE AND ELECTRICAL LEFT/RIGHT HAND CONNECTIONS PRIOR TO ORDERING.

6. PROVIDE FRONT BOTTOM INLET, FRONT TOP OUTLET AND BACK FRESH AIR INTAKE WITH WALL BOX LOUVER.

The schematic diagram illustrates the electrical control circuit for an exhaust fan operating at constant speed. It features a three-phase power supply entering from the left through a switch labeled 'EXHAUST AIR'. This supply feeds a motor labeled 'FAN'. The motor's winding is connected to a thermal relay, which is further connected to a three-phase output terminal. A control circuit is connected across two phases of the supply. This circuit includes a stop button ('ST'), a start button ('S'), a normally open contact labeled 'DI' (likely a differential pressure interlock), and a normally closed contact labeled 'DO' (likely a damper position interlock). The control circuit also passes through the thermal relay's stop coil before returning to the power source.

```

graph LR
    ST((ST)) --- S((S))
    S --- DI[DI]
    DI --- DO[DO]
    DO --- TR[Thermal Relay Stop Coil]
    TR --- L1(( ))
    L1 --- L2(( ))
    L1 --- FAN((FAN))
    FAN --- TRL[Thermal Relay]
    TRL --- L3(( ))
    L3 --- L4(( ))
    L3 --- EXHA[EXHAUST AIR]

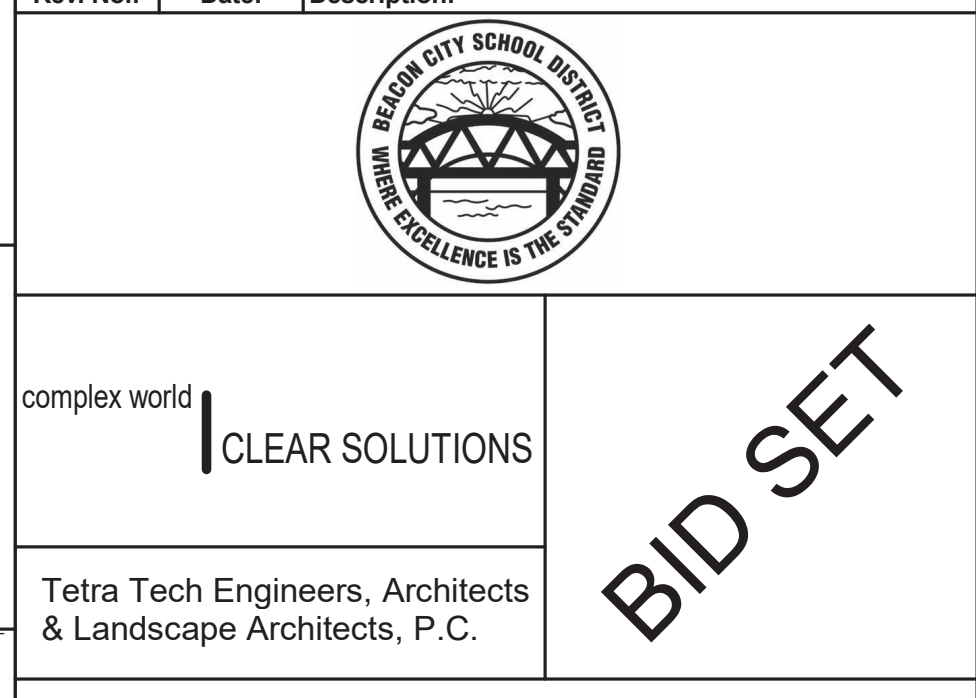
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EXHAUST FAN - CONSTANT SPEED - SEQUENCE OF OPERATIONS:

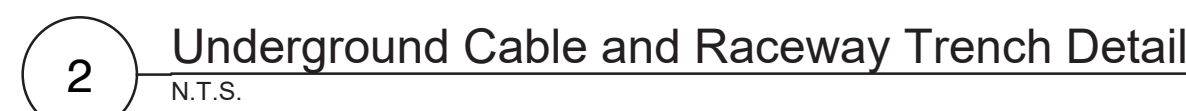
INTERLOCK THE OPERATION OF THE EXHAUST FANS AND AUTOMATIC DAMPERS WITH THEIR RESPECTIVE HEATING AND COOLING EQUIPMENT.

1. OCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL RUN CONTINUOUSLY AND THE AUTOMATIC AIR DAMPER SHALL OPEN.
2. UNOCCUPIED MODE:
 - a. THE EXHAUST FAN SHALL BE OFF AND THE AUTOMATIC AIR DAMPER SHALL BE CLOSED.
3. WARM-UP MODE:
 - a. THE EXHAUST FAN SHALL BE OFF AND THE AUTOMATIC AIR DAMPER SHALL BE CLOSED.
4. SAFETIES:
 - a. UPON A FAILURE OF THE FAN, AS SENSED BY A CURRENT SENSING STATUS SWITCH, AN ALARM SHALL BE ACTIVATED.

Rev. No.:	Date:	Description:
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 <div> TETRA TECH ARCHITECTS & ENGINEERS </div>		
Beacon City School District Beacon, New York		
Reconstruction to: South Ave Elementary School		
Details, Schedules and Controls		
Drawn By: JPF1/jpgm	Date: 10/28/2022	Drawing Number: <div>DM500</div>
Project No.: 279180-22004		



1. REFER TO DRAWING DE100 FOR GENERAL NOTES.

A Keyed Notes

1. PROVIDE SOLAR FLAG POLE LIGHT BASE ON MODEL 1980 LM BY LIGHTING SOLUTIONS.
2. PROVIDE (2) #12, (1) #12 G IN 1/2" CONDUIT FROM 120V PANEL IN ELEC 08 TO HANDHOLE, THEN TO GFCI RECEPTABLES. SEE DRAWINGS DE130 AND DE131 FOR MORE INFORMATION.
3. PROVIDE (2) #12, (1) #12 G IN 1/2" CONDUIT FROM 120V PANEL IN ELEC 08 TO HANDHOLE, THEN TO DIMMERS. SEE DRAWINGS D10 AND D11 FOR MORE INFORMATION.
4. PROVIDE 1" SPARE CONDUIT FROM INSIDE BUILDING TO HANDHOLE FOR FUTURE USE.
5. PROVIDE WATERPROOF CAT 6A CABLE IN 1" CONDUIT FROM NEAREST DATA RACK INSIDE BUILDING TO WIRELESS ACCESS POINT. SEE DRAWING DE131 FOR MORE INFORMATION.

- S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.:	Date:	Description:
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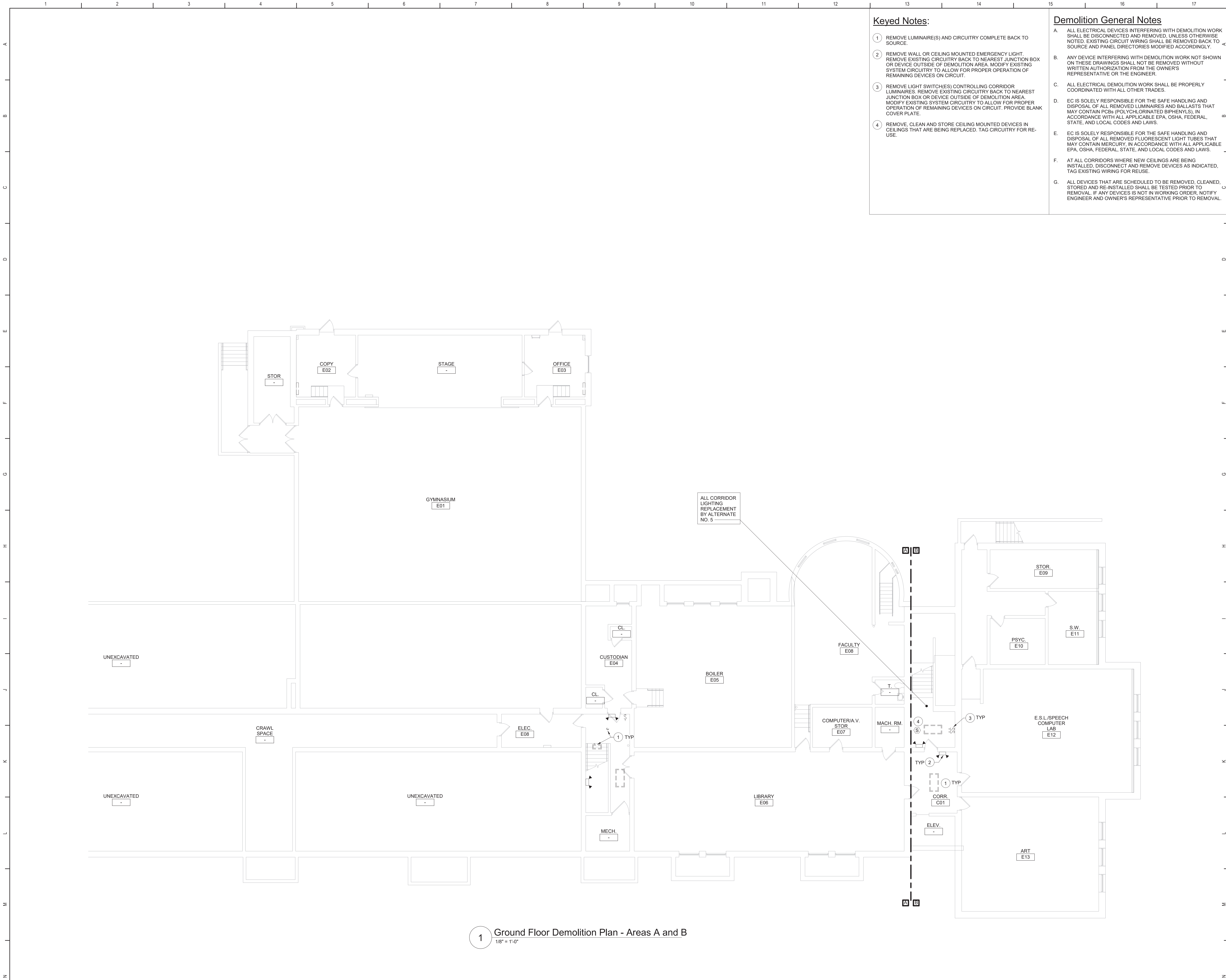


Beacon City School District
Beacon, New York

M	Reconstruction to: South Ave Elementary School
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Electrical Site Plans

N	Drawn by: SAS	Date: 10/28/2022	Drawing No.:
	Project No.: 279180-22004.1		DE001



Keyed Notes:

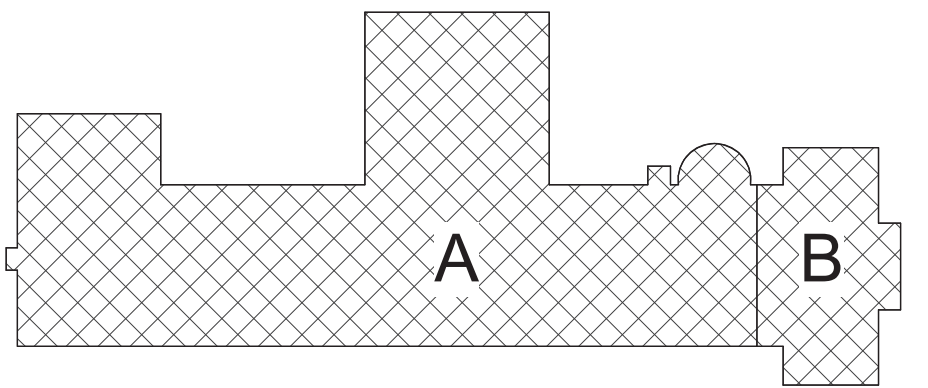
- 1 REMOVE LUMINAIRE(S) AND CIRCUITRY COMPLETE BACK TO SOURCE.
- 2 REMOVE WALL OR CEILING MOUNTED EMERGENCY LIGHT. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX OR DEVICE OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT.
- 3 REMOVE LIGHT SWITCH(ES) CONTROLLING CORRIDOR LUMINAIRES. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX OR DEVICE OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT. PROVIDE BLANK COVER PLATE.
- 4 REMOVE, CLEAN AND STORE CEILING MOUNTED DEVICES IN CEILINGS THAT ARE BEING REPLACED. TAG CIRCUITRY FOR RE-USE.

Demolition 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 WRITTEN AUTHORIZATION FROM THE OWNER'S REPRESENTATIVE OR THE ENGINEER.
- C. ALL ELECTRICAL DEMOLITION WORK SHALL BE PROPERLY COORDINATED WITH ALL OTHER TRADES.
- D. EC IS SOLELY RESPONSIBLE FOR THE SAFE HANDLING AND DISPOSAL OF ALL REMOVED LUMINAIRES AND BALLASTS THAT MAY CONTAIN PCBs (POLYCHLORINATED BIPHENYLS), IN ACCORDANCE WITH ALL APPLICABLE EPA, OSHA, FEDERAL, STATE, AND LOCAL CODES AND LAWS.
- E. EC IS SOLELY RESPONSIBLE 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.
- F. AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, DISCONNECT AND REMOVE DEVICES AS INDICATED, TAG EXISTING WIRING FOR REUSE.
- G. ALL DEVICES THAT ARE SCHEDULED TO BE REMOVED, CLEANED, STORED AND RE-INSTALLED SHALL BE TESTED PRIOR TO REMOVAL. IF ANY DEVICES IS NOT IN WORKING ORDER, NOTIFY ENGINEER AND OWNER'S REPRESENTATIVE PRIOR TO REMOVAL.

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. AT ALL CORRIDORS WHERE NEW CEILINGS ARE BEING INSTALLED, REINSTALL DEVICES ON NEW CEILINGS AS SHOWN ON NEW WORK DRAWINGS AND EXTEND/MODIFY EXISTING CIRCUITRY AS NECESSARY.
 - D. CIRCUIT EXIT AND EMERGENCY LUMINAIRES TO UNSWITCHED HOT LEG OF LIGHTING CIRCUIT OF THE AREA BEING SERVED BY OR ADJACENT TO THE LUMINAIRE. REFER TO PLANS AND DETAILS FOR MINUTURE INVERTER INFORMATION.
 - E. ANY EXISTING CEILING DEVICE(S) IN CONFLICT WITH NEW WORK SHALL BE RELOCATED AND CENTERED IN ADJACENT CEILING T.I.E. EXTEND/MODIFY EXISTING CIRCUITRY AND CONTROLS AS NECESSARY.
 - F. 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.
 - G. PROPERLY IDENTIFY ALL CIRCUITS AT PANELS AND J-BOXES AND IN ACCORDANCE WITH PROJECT SPECIFICATIONS.
 - H. PROVIDE ALL ADAPTERS, COUPLINGS AND ASSOCIATED FITTINGS REQUIRED FOR COMPLETE OPERATIONAL SYSTEM.
 - I. WHEN INSTALLING NEW DEVICES IN EXISTING LOCATIONS, REUSE EXISTING CONDUIT/RACEWAY AND BACK BOXES IF IN GOOD CONDITION. EXTEND/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.
 - J. COORDINATE ALL ELECTRICAL WORK WITH OTHER TRADES.
 - K. TESTS OF ALL ELECTRICAL WORK SHALL BE PERFORMED IN THE PRESENCE OF THE ENGINEER OR ARCHITECT. AS EQUIPMENT IS INSTALLED AND AS SYSTEMS ARE COMPLETED. IN ADDITION AN ELECTRIC APPROVED CERTIFICATE SHALL BE ISSUED BY AN ELECTRICAL INSPECTION AGENCY.
 - L. UNLESS NOTED ELSEWHERE, ON THE CONTRACT DOCUMENTS, THE FOLLOWING LIST REPRESENTS THE TYPICAL MOUNTING HEIGHTS FOR THE DEVICES SHOWN:
 - 1. SWITCHES AND PANIC STATIONS.....48" (TO TOP)
 - 2. RECEPTACLES.....16"
 - 3. COMPUTER RECEPTACLES.....48" (TO TOP)
 - 4. WALL (W) TELEPHONE AND CALL SWITCHES.....48" (TO TOP)
 - 5. TELEPHONE OUTLETS (UNLABELED).....16"
 - 6. VOLUME CONTROLS.....48" (TO TOP)
 - 7. TELEVISION OUTLETS.....16"
 - 8. FIRE ALARM PULL STATIONS.....48" (TO TOP)
 - 9. FIRE ALARM AUDIO/VISUAL UNITS.....88" (OR 6" BELOW CEILING, WHICHEVER IS LOWER)
 - 10. POWER PANELS.....72" (TO TOP)
 - 11. DISCONNECT SWITCHES.....60" (TO TOP)
 - 12. MOTOR STARTERS.....60" (TO TOP)
- THE HEIGHTS INDICATED SHALL BE NOMINAL TO THE BOTTOM OF THE BOX UNLESS NOTED OTHERWISE. MAINTAIN HEIGHT CONSISTENCY BETWEEN NEW AND EXISTING DEVICES.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

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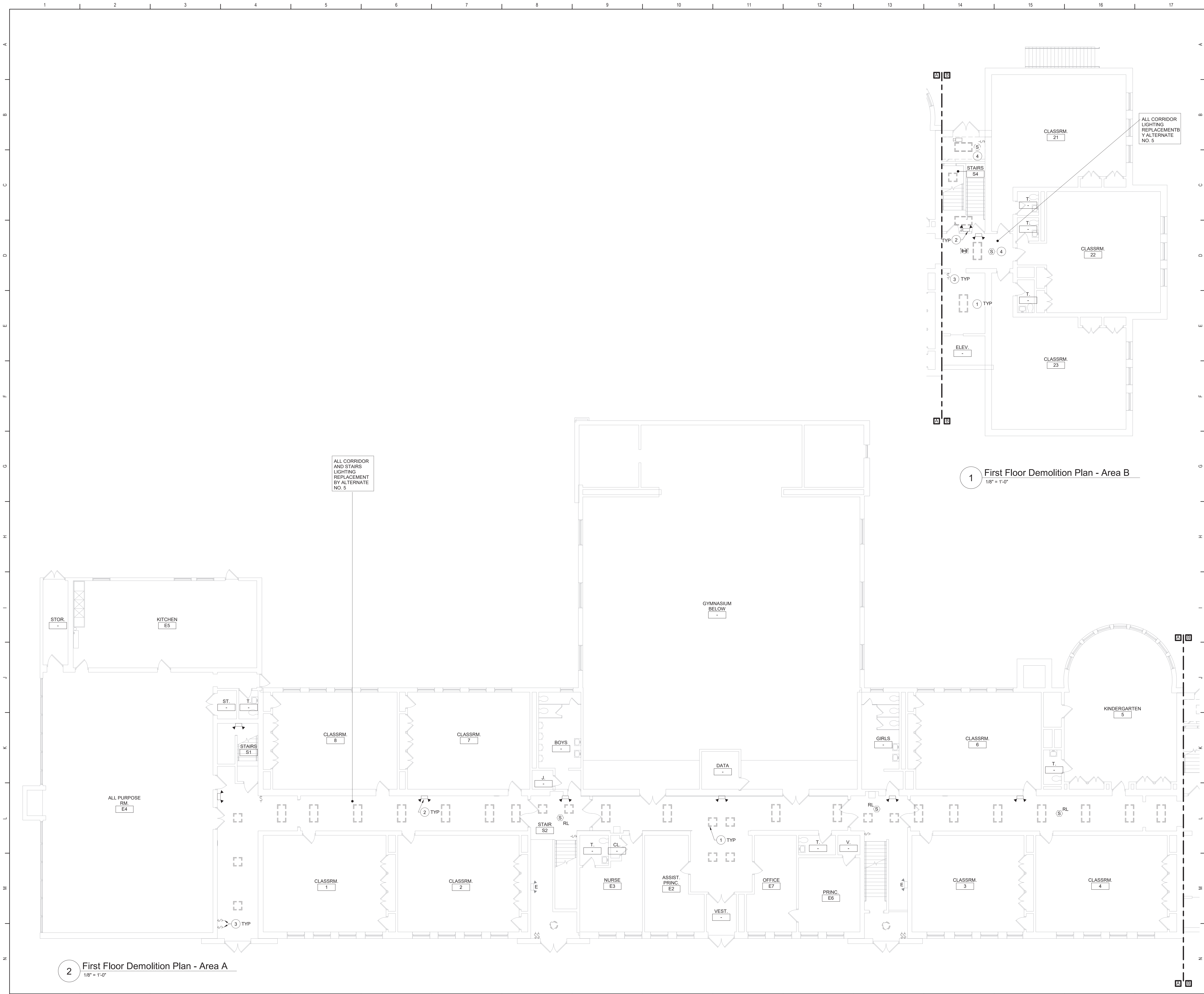


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Ground Floor Demolition Plan - Areas
A and B

Drawn By: SAS Date: 10/28/2022 Drawing Number:
Project No.: 279180-22004 DE100

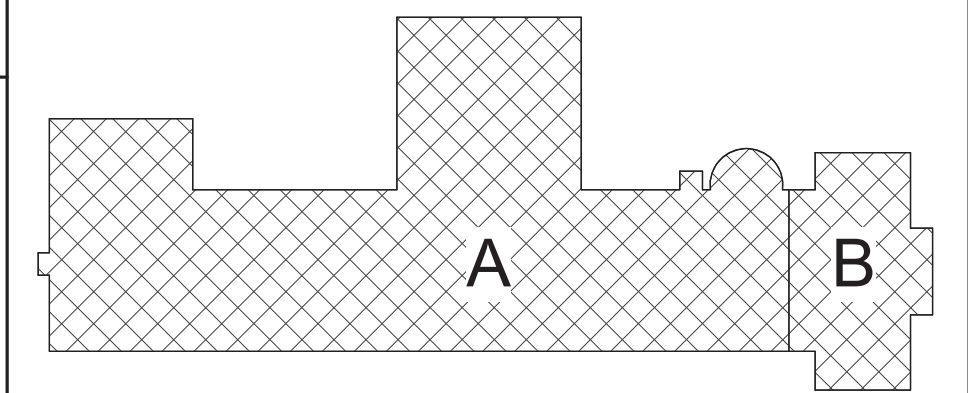


Keyed Notes:

- 1 REMOVE LUMINAIRE(S) AND CIRCUITRY COMPLETE BACK TO SOURCE.
- 2 REMOVE WALL OR CEILING MOUNTED EMERGENCY LIGHT. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX OR DEVICE OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT.
- 3 REMOVE LIGHT SWITCH(IES) CONTROLLING CORRIDOR LUMINAIRES. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX OR DEVICE OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT. PROVIDE BLANK COVER PLATE.
- 4 REMOVE, CLEAN AND STORE CEILING MOUNTED DEVICES IN CEILINGS THAT ARE BEING REPLACED. TAG CIRCUITRY FOR RE-USE.

General Notes:

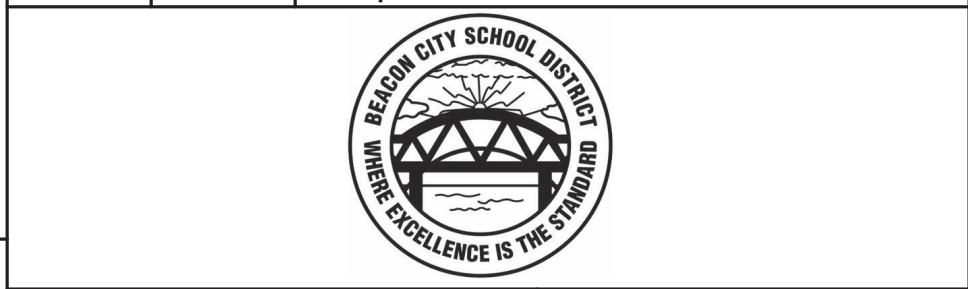
A. REFER TO DRAWING DE100 FOR GENERAL NOTES



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.:	Date:	Description:



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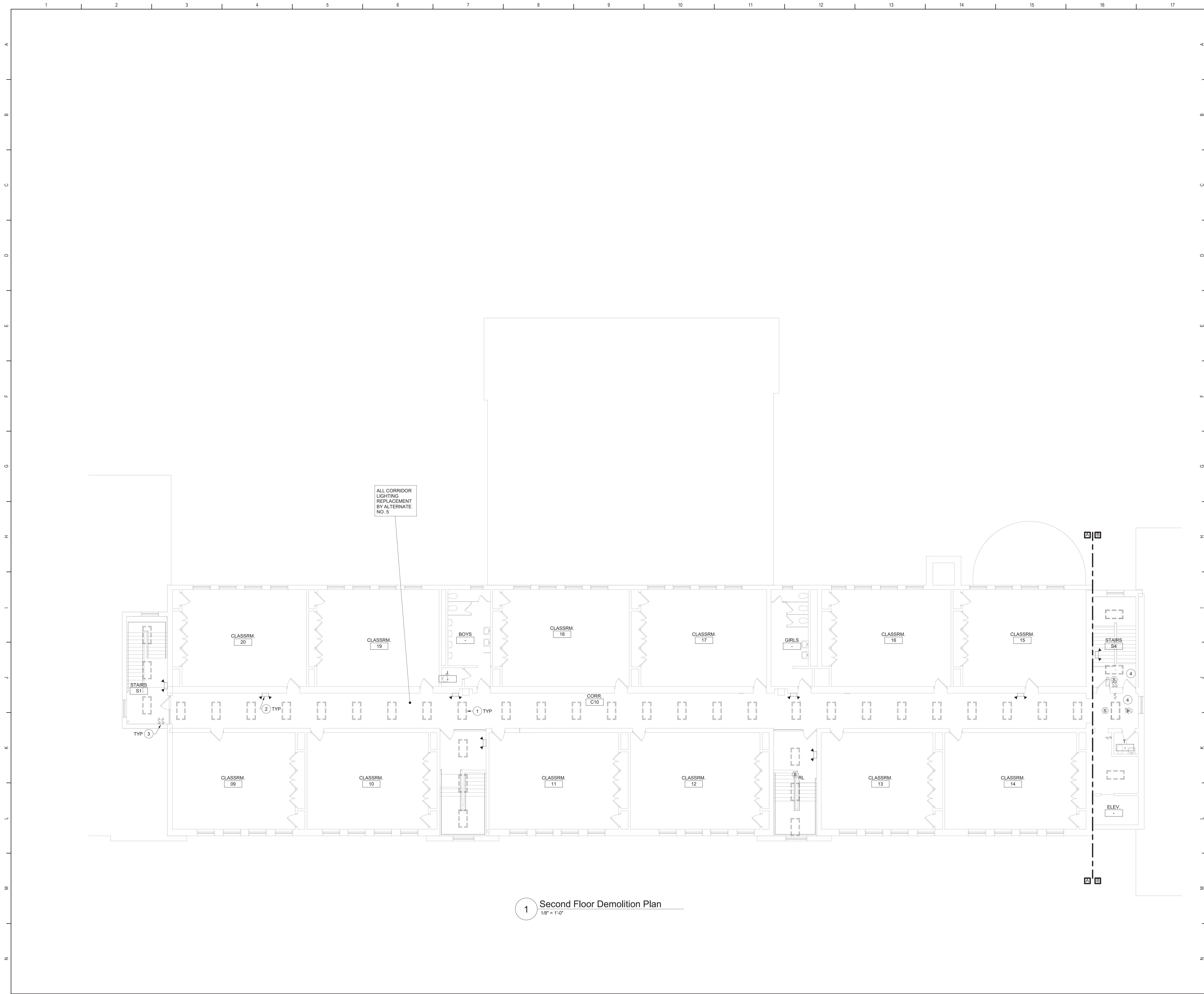
TETRA TECH
ARCHITECTS & ENGINEERS

Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

First Floor Demolition Plan - Areas A and B

Drawn By: SAS	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DE101	

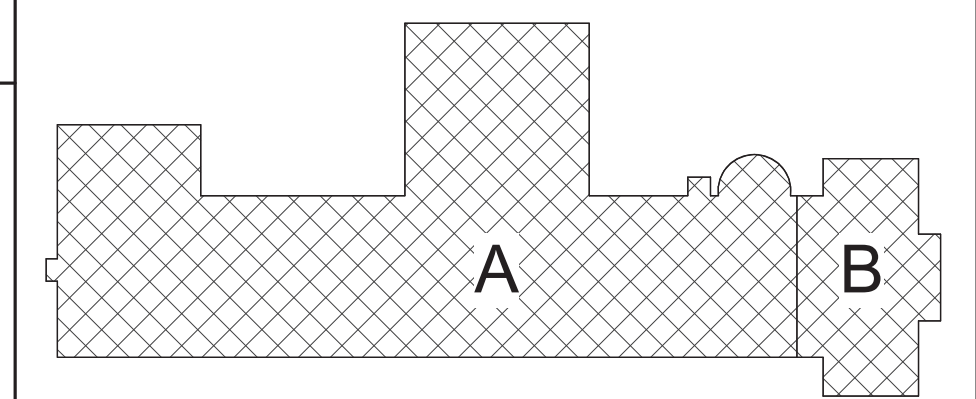


Keyed Notes:

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- 2 REMOVE WALL OR CEILING MOUNTED EMERGENCY LIGHT. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX OR DEVICE OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT.
- 3 REMOVE LIGHT SWITCH(IES) CONTROLLING CORRIDOR LUMINAIRES. REMOVE EXISTING CIRCUITRY BACK TO NEAREST JUNCTION BOX OR DEVICE OUTSIDE OF DEMOLITION AREA. MODIFY EXISTING SYSTEM CIRCUITRY TO ALLOW FOR PROPER OPERATION OF REMAINING DEVICES ON CIRCUIT. PROVIDE BLANK COVER PLATE.
- 4 REMOVE, CLEAN AND STORE CEILING MOUNTED DEVICES IN CEILINGS THAT ARE BEING REPLACED. TAG CIRCUITRY FOR RE-USE.

General Notes:

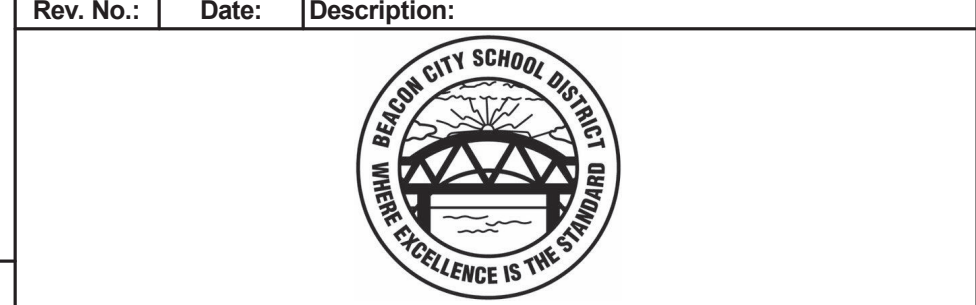
- A. REFER TO DRAWING DE100 FOR GENERAL NOTES



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.:	Date:	Description:



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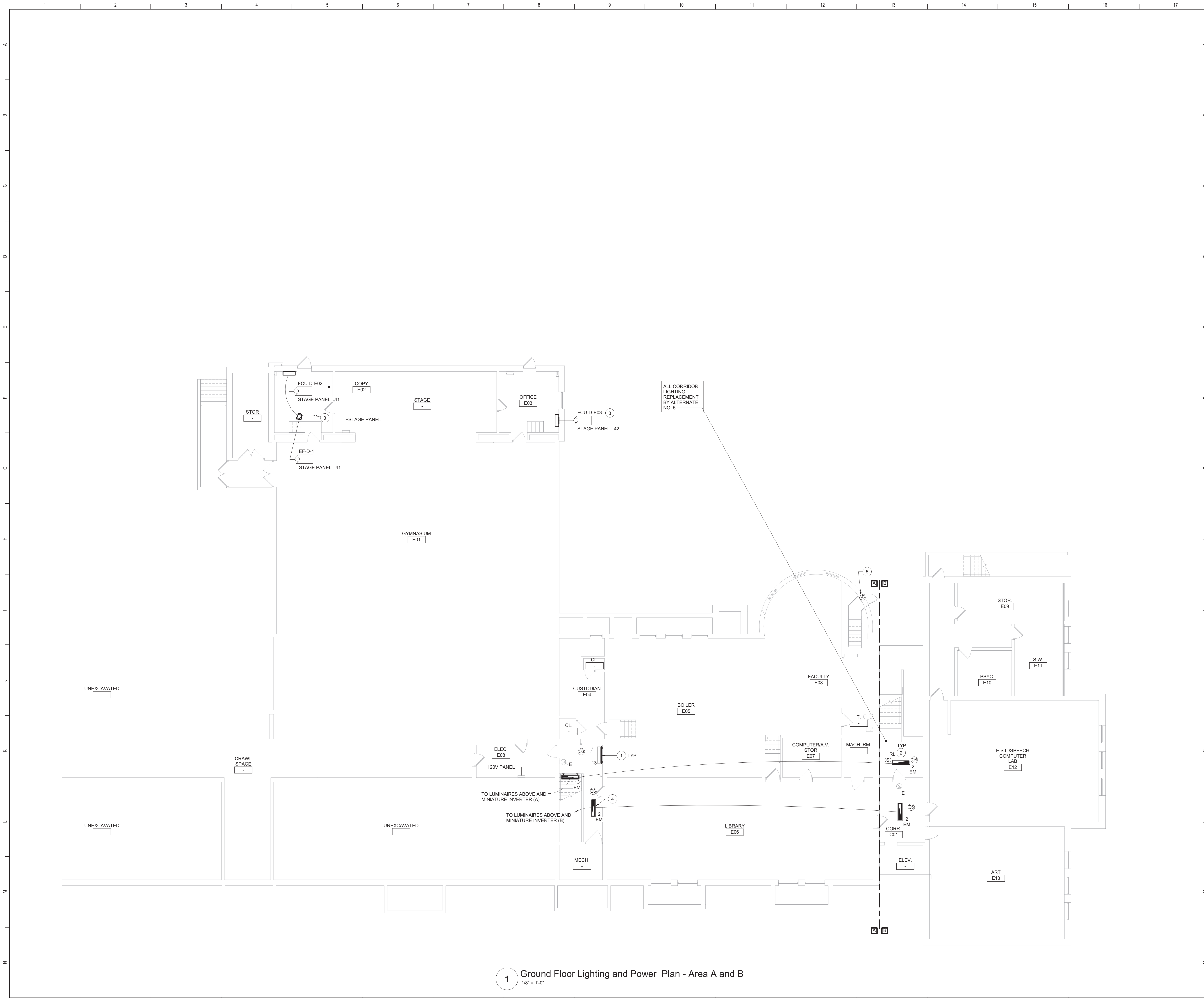


Beacon City School District
Beacon, New York

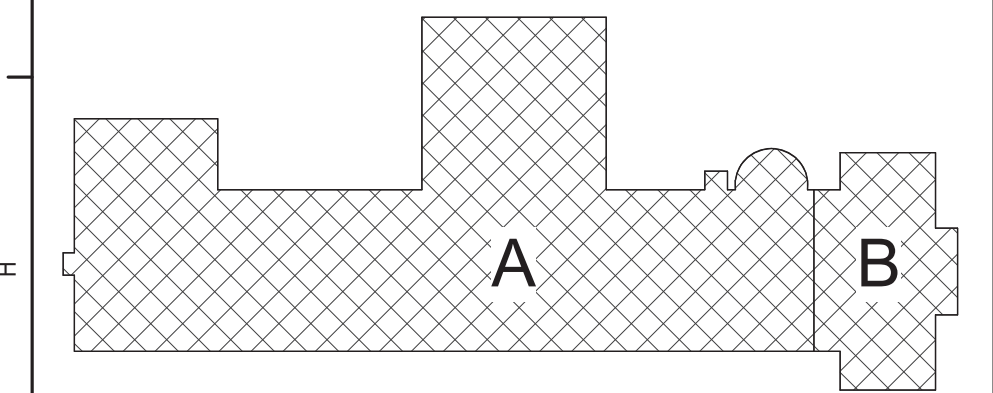
Reconstruction to:
South Ave Elementary School

Second Floor Demolition Plan

Drawn By: SAS	Date: 10/28/2022	Drawing Number: DE102
Project No.: 279180-22004		



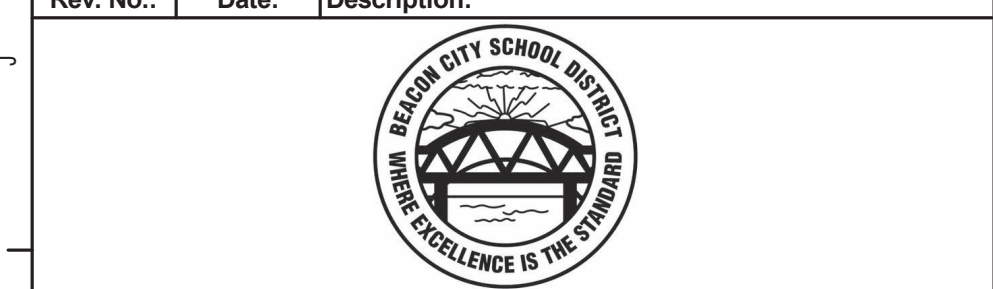
- Keyed Notes:**
- CONNECT LUMINAIRES TO EXISTING CIRCUIT BREAKER PREVIOUSLY SERVING THE AREA USING (2) #12, (1) #12 G. IN 1/2" CONDUIT. LUMINAIRES TO BE CONTROLLED BY OCCUPANCY SENSORS AND DIRECT DIGITAL CONTROL SYSTEM.
 - RE-INSTALL STORED CEILING MOUNTED DEVICES IN CEILINGS THAT ARE BEING REPLACED. CENTER DEVICES IN CEILING GRID CLOSEST TO EXISTING LOCATION. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
 - PROVIDE 20A1P BREAKER IN AVAILABLE SPACE IN STAGE PANEL. CONNECT USING (2) #12, (1) #12 G. IN 1/2" CONDUIT. NEW BREAKER TO BE UL LISTED FOR USE IN PANEL AND MEET OR EXCEED AIC RATING OF EXISTING PANEL. AMEND PANEL DIRECTORY ACCORDINGLY.
 - PROVIDE SURFACE MOUNT KIT FOR LUMINAIRE.
 - PROVIDE DOOR CONTACT FOR MONITORING OF DOOR, TIE INTO EXISTING BUILDING MONITORING SYSTEM.
- General Notes:**
- A. REFER TO DRAWING DE050 FOR GENERAL NOTES.
B. REFER TO DRAWING DE050 FOR LUMINAIRE SCHEDULE.
C. SECURE ALL EXISTING UNSUPPORTED CABLES ABOVE CEILINGS IN CORRIDORS USING J HOOKS OR CABLETRAYS.
D. PATCH/REPLACE CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK.
E. INVERTER SYSTEM EMERGENCY OUTPUT CIRCUITS SHALL BE INSTALLED IN DEDICATED CONDUIT SYSTEMS AND NOT SHARED WITH OTHER ELECTRICAL CIRCUITS AS DESCRIBED IN NEC 700-9(B).
F. LIGHTING CONTROL SEQUENCES:
LOBBY/VESTIBULES/CORRIDORS:
PERSON ENTERS THE AREA, LUMINAIRES TURN ON TO 100% OUTPUT AUTOMATICALLY BY OCCUPANCY SENSOR.
PERSON EXITS THE AREA, LUMINAIRES DIM TO 50% OUTPUT (MAINTAINING EGRESS LEVEL ILLUMINATION). MANUAL CONTROL BY BUILDING MANAGEMENT SYSTEM.



Key Plan
N.T.S.

S.E.D. Control No. 13-02-00-01-0-003-016

Rev. No.	Date	Description



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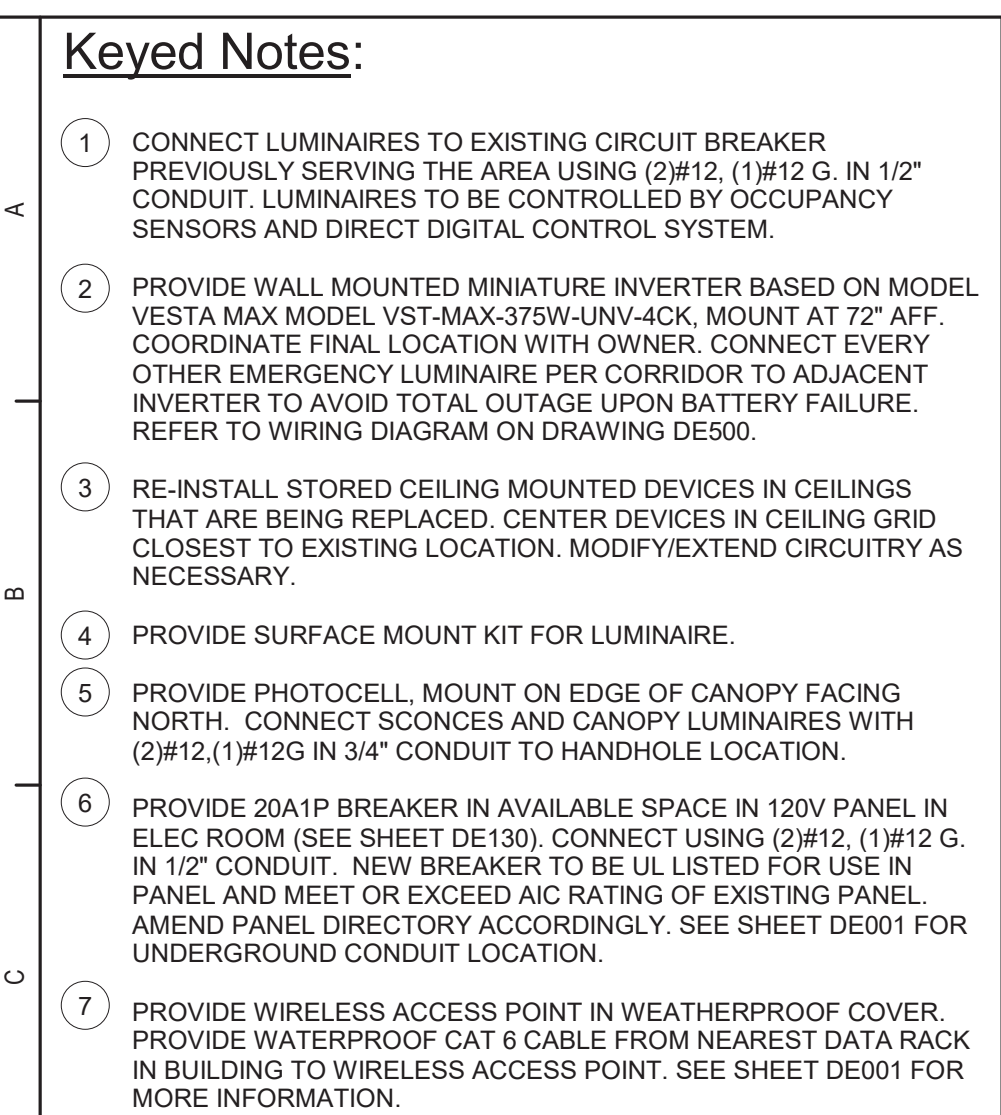


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Ground Floor Floor Lighting Plan -
Areas A and B

Drawn By: SAS/CR	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DE130	



A. REFER TO DRAWING D0500 FOR GENERAL NOTES.

B. REFER TO DRAWING D0500 FOR LUMINAIRE SCHEDULE.

C. SECURE ALL EXISTING UNSUPPORTED CABLES ABOVE ALL CORRIDORS, LOBBIES, STAIRS OR GABLETENS.

D. PATCH/REPLACE CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK.

E. ALL SYSTEM EMERGENCY LIGHTING CIRCUITS SHALL BE INSTALLED IN DEDICATED CONDUIT SYSTEMS AND NOT SHARED WITH OTHER ELECTRICAL CIRCUITS AS DESCRIBED IN 700-9.10.

F. LIGHTING CONTROL SEQUENCES:

LOBBY/VESTIBULES/CORRIDORS:

PERSON ENTERS THE AREA, LUMINAIRES TURN ON TO 100% OUTPUT AUTOMATICALLY BY OCCUPANCY SENSOR. PERSON EXITS THE AREA, LUMINAIRES DIM TO 50% OUTPUT. LIGHTING REGRESS TO 0% OUTPUT 15 MINUTES AFTER LEAVING CONTROL BY BUILDING MANAGEMENT SYSTEM.



Rev. No.:	Date:	Description:
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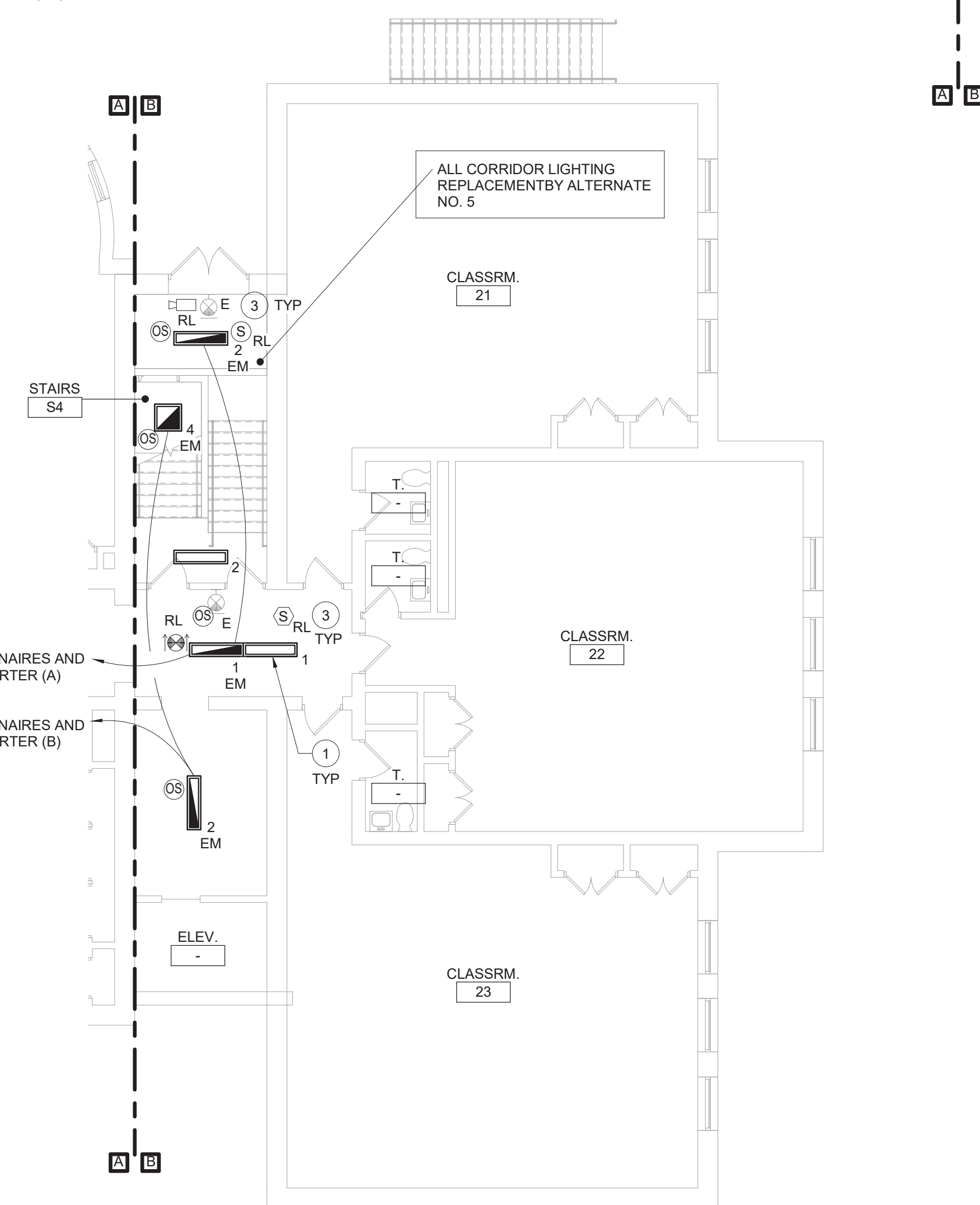
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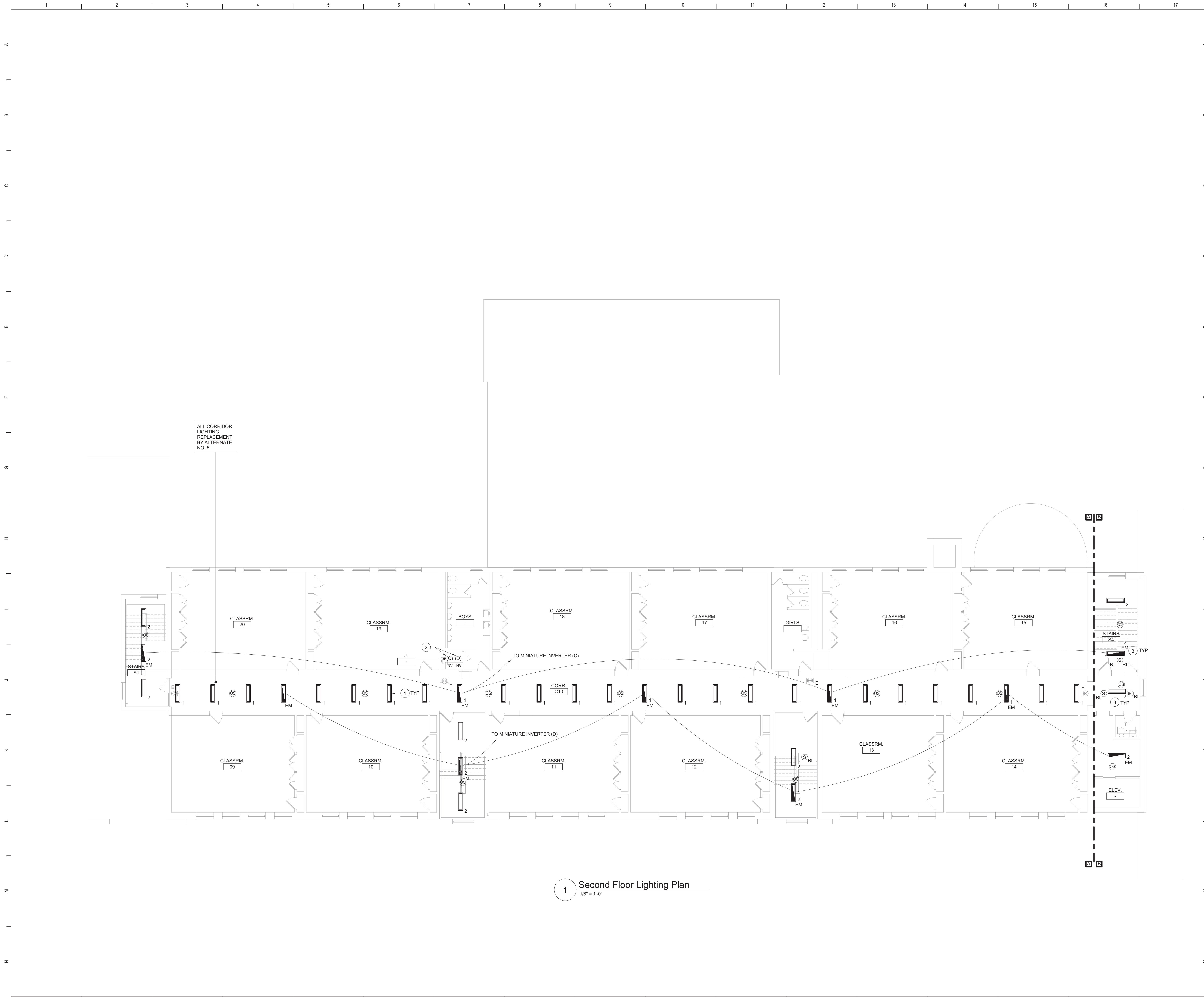
M	Reconstruction to: South Ave Elementary School
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First Floor Lighting Plan - Area A

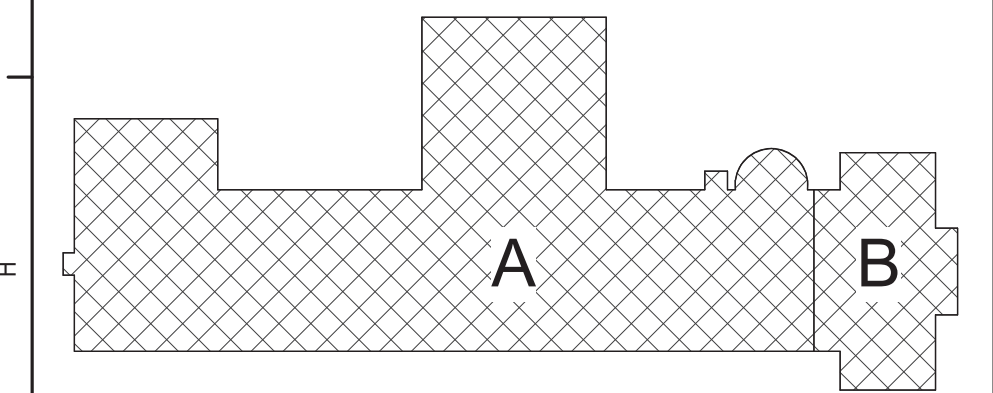
N	Drawn By: SAS/CR	Date: 10/28/2022	Drawing Number:
	Project No.: 279180-22004		DE131



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



- Keyed Notes:**
- 1 CONNECT LUMINAIRES TO EXISTING CIRCUIT BREAKER PREVIOUSLY SERVING THE AREA USING (2)#12, (1)#12 G. IN 1/2" CONDUIT. LUMINAIRES TO BE CONTROLLED BY OCCUPANCY SENSORS AND DIRECT DIGITAL CONTROL SYSTEM.
 - 2 PROVIDE WALL MOUNTED MINIATURE INVERTER BASED ON MODEL VESTA MAX MODEL VST-MAX-375W-UNV-4-OK. MOUNT AT 72" AFF. COORDINATE FINAL LOCATION WITH OWNER. CONNECT EVERY OTHER EMERGENCY LUMINAIRE PER CORRIDOR TO ADJACENT INVERTER TO AVOID TOTAL OUTAGE UPON BATTERY FAILURE. REFER TO WIRING DIAGRAM ON DRAWING DE500.
 - 3 RE-INSTALL STORED CEILING MOUNTED DEVICES IN CEILINGS THAT ARE BEING REPLACED. CENTER DEVICES IN CEILING GRID CLOSEST TO EXISTING LOCATION. MODIFY/EXTEND CIRCUITRY AS NECESSARY.
- General Notes:**
- A. REFER TO DRAWING DE050 FOR GENERAL NOTES.
B. REFER TO DRAWING DE500 FOR LUMINAIRE SCHEDULE.
C. SECURE ALL EXISTING UNSUPPORTED CABLES ABOVE CEILINGS IN CORRIDORS USING J HOOKS OR CABLETRAYS.
D. PATCH/REPLACE CEILING SYSTEMS TO REMAIN THAT HAVE BEEN DISTURBED BY SCHEDULED WORK.
E. INVERTER SYSTEM EMERGENCY OUTPUT CIRCUITS SHALL BE INSTALLED IN DEDICATED CONDUIT SYSTEMS AND NOT SHARED WITH OTHER ELECTRICAL CIRCUITS AS DESCRIBED IN NEC 700-9(B).
F. LIGHTING CONTROL SEQUENCES:
LOBBY/VESTIBULES/CORRIDORS:
PERSON ENTERS THE AREA, LUMINAIRES TURN ON TO 100% OUTPUT AUTOMATICALLY BY OCCUPANCY SENSOR.
PERSON EXITS THE AREA, LUMINAIRES DIM TO 50% OUTPUT (MAINTAINING EGRESS LEVEL ILLUMINATION). MANUAL CONTROL BY BUILDING MANAGEMENT SYSTEM.



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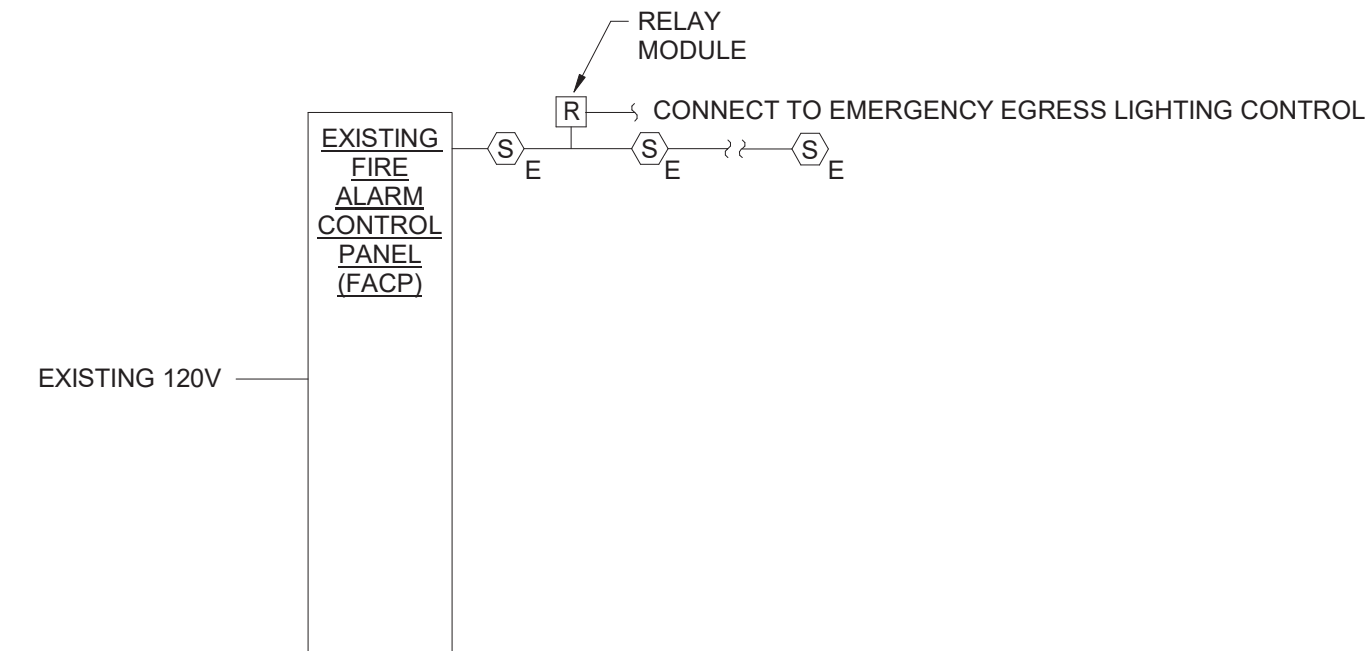


Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

Second Floor Lighting Plan

Drawn By: SAS/CR	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DE132	



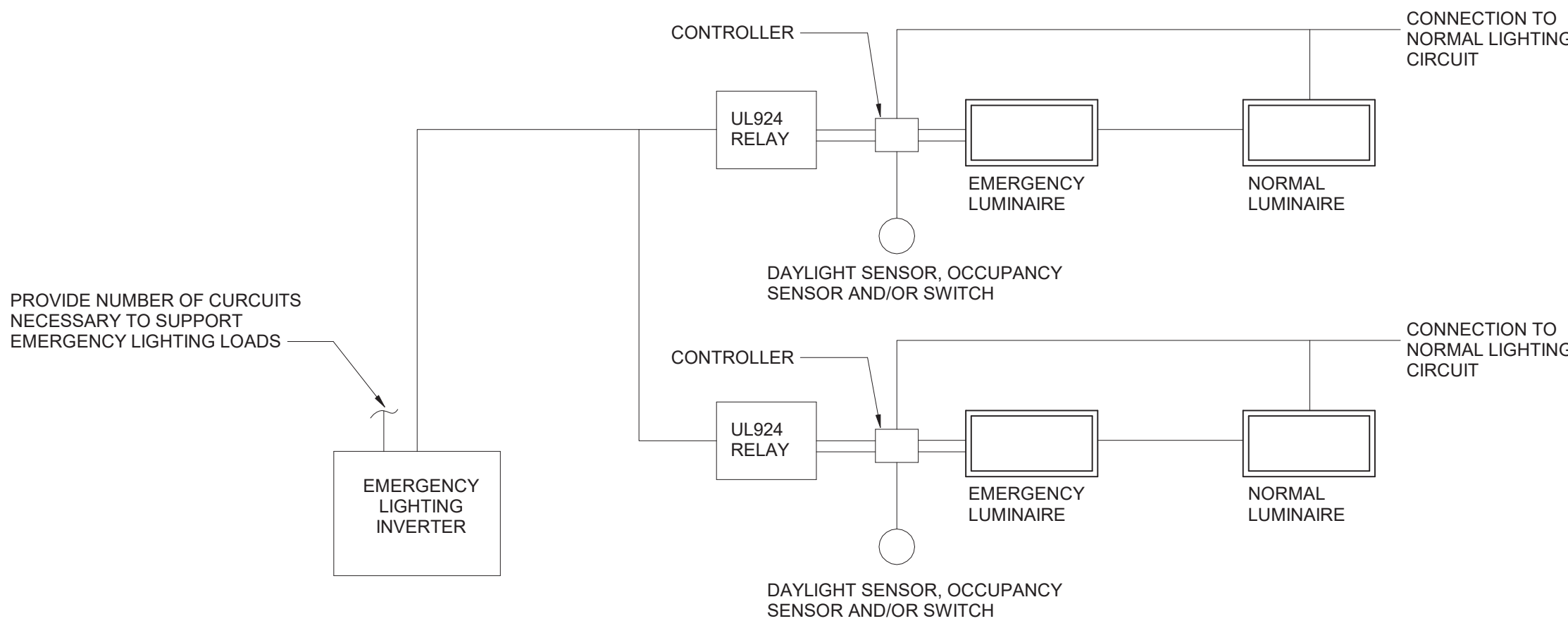
FIRE ALARM SEQUENCE OF OPERATION

A. UPON ACTIVATION 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.

- NOTES:
1. 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.
 2. WIRE NEW DEVICES INTO EXISTING WIRING OR PROVIDE A NEW CIRCUIT AS DIRECTED BY FIRE ALARM SYSTEM REPRESENTATIVE.

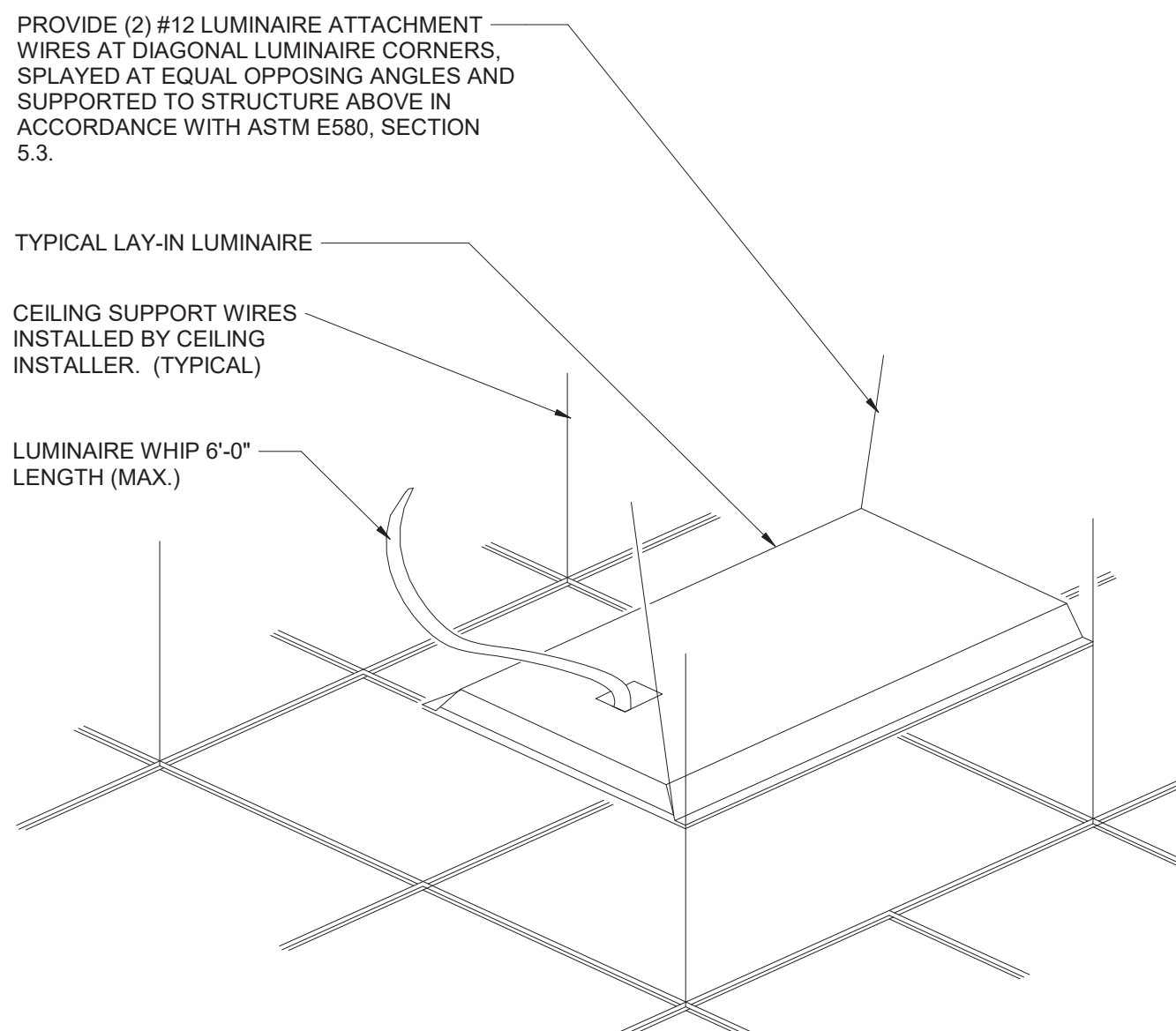
3 Fire Alarm System Wiring Diagram

NTS



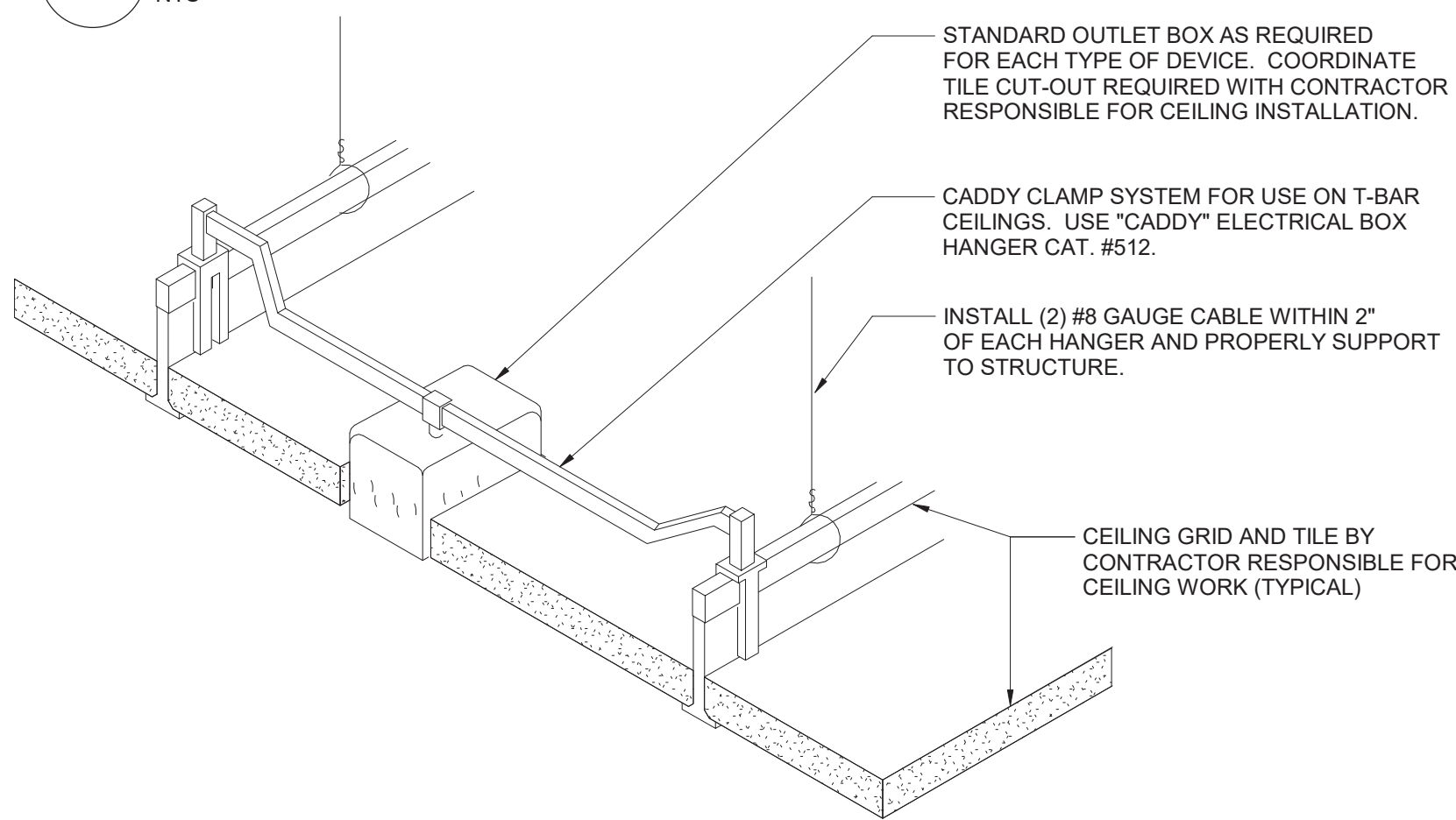
4 Emergency Miniature Inverter Wiring Diagram

1/4" = 1'-0"



5 Typical Troffer Mounting Detail

NTS

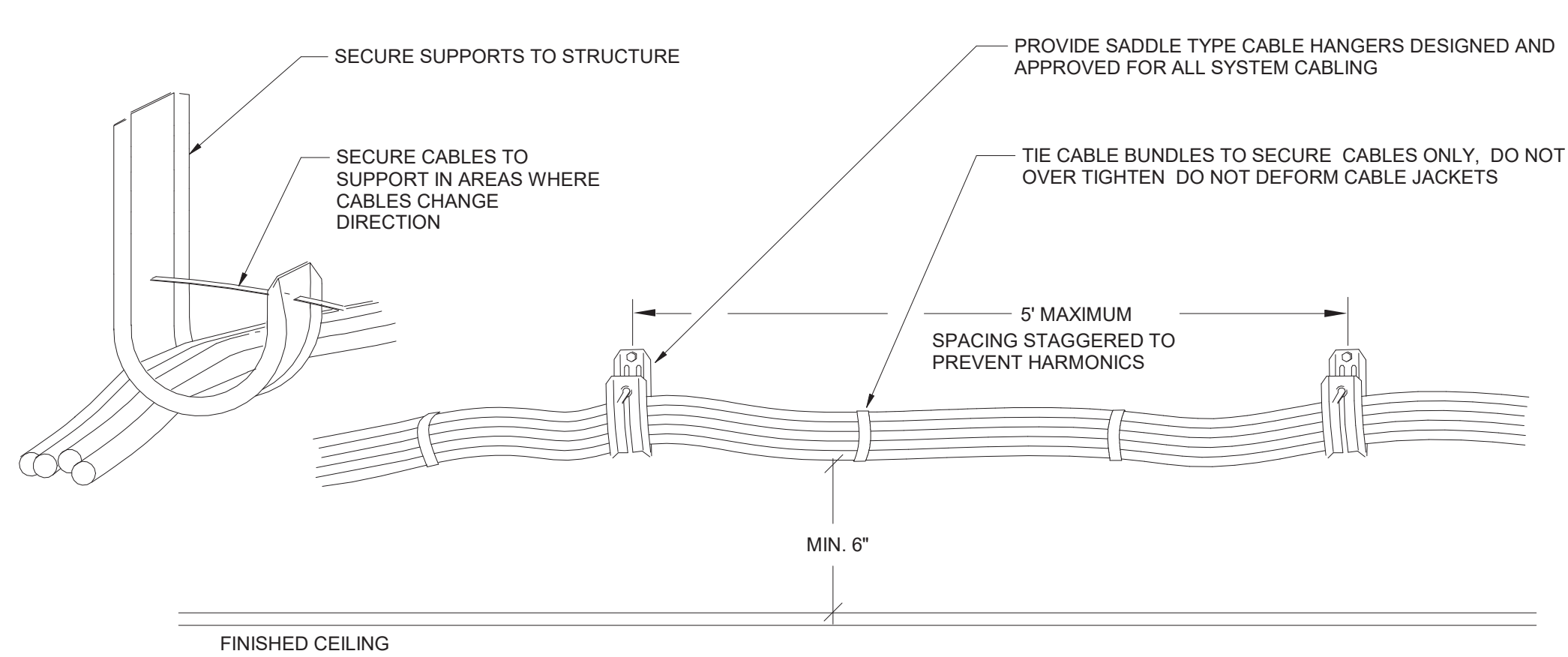


DETAIL NOTES:

- 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.
- PROVIDE ADDITIONAL SUPPORT FOR EXIT SIGNS, WHERE REQUIRED.

6 Ceiling Mounting Device Detail

NTS



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. THIS SUPPORT SYSTEM TO BE USED WHEREVER CABLE TRAY IS NOT INDICATED ON PLANS.

1 Typical Installation with Cable Hangars

NTS

LUMINAIRE SCHEDULE							
TYPE	SYMBOL	DESCRIPTION	LAMPS			MANUFACTURERS (OR EQUAL)	
			WATTAGE	LUMENS	TYPE	NAME	MODEL OR SERIES
1		1' x 4' TROFFER (RECESSED IN GRID)	12.2	1482	LED	SIGNIFY (DAY-BRITE)	1FPZ15L835-4-DS-UNV-DIM
1 EM		SAME AS TYPE 1 - CONNECTED TO EMERGENCY MINIATURE INVERTER	12.2	1482	LED	SIGNIFY (DAY-BRITE)	1FPZ15L835-4-DS-UNV-DIM
2		1' x 4' TROFFER (RECESSED IN GRID)	24.6	2972	LED	SIGNIFY (DAY-BRITE)	1FPZ30L835-4-DS-UNV-DIM
2 EM		SAME AS TYPE 2 - CONNECTED TO EMERGENCY MINIATURE INVERTER	24.6	2972	LED	SIGNIFY (DAY-BRITE)	1FPZ30L835-4-DS-UNV-DIM
3		1' x 4' TROFFER (RECESSED IN GRID)	31.3	3775	LED	SIGNIFY (DAY-BRITE)	1FPZ38L835-4-DS-UNV-DIM
3 EM		SAME AS TYPE 3 - CONNECTED TO EMERGENCY MINIATURE INVERTER	31.3	3775	LED	SIGNIFY (DAY-BRITE)	1FPZ38L835-4-DS-UNV-DIM
4 **		2' x 2' TROFFER (RECESSED IN GRID)	15.7	1918	LED	SIGNIFY (DAY-BRITE)	2FPZ20L835-2-DS-UNV-DIM
4 EM		SAME AS TYPE 4 - CONNECTED TO EMERGENCY MINIATURE INVERTER	15.7	1918	LED	SIGNIFY (DAY-BRITE)	2FPZ20L835-2-DS-UNV-DIM
5 **		2' x 2' TROFFER (RECESSED IN GRID)	23.4	2911	LED	SIGNIFY (DAY-BRITE)	2FPZ30L835-2-DS-UNV-DIM
5 ** EM		SAME AS TYPE 5 - CONNECTED TO EMERGENCY MINIATURE INVERTER	23.4	2911	LED	SIGNIFY (DAY-BRITE)	2FPZ30L835-2-DS-UNV-DIM
6 **		2' x 2' TROFFER (RECESSED IN GRID)	29.8	3856	LED	SIGNIFY (DAY-BRITE)	2FPZ38L835-2-DS-UNV-DIM
6 ** EM		SAME AS TYPE 6 - CONNECTED TO EMERGENCY MINIATURE INVERTER	29.8	3856	LED	SIGNIFY (DAY-BRITE)	2FPZ38L835-2-DS-UNV-DIM
7 **		2' x 2' TROFFER (RECESSED IN GRID)	35.7	4403	LED	SIGNIFY (DAY-BRITE)	2FPZ45L835-2-DS-UNV-DIM
7 ** EM		SAME AS TYPE 7 - CONNECTED TO EMERGENCY MINIATURE INVERTER	35.7	4403	LED	SIGNIFY (DAY-BRITE)	2FPZ45L835-2-DS-UNV-DIM
8 **		4' ROUND DOWNLIGHT	8.8	868	LED	SIGNIFY (LEDALITE)	L4R10935VB / L4RDW
8 ** EM		SAME AS TYPE 8 - CONNECTED TO EMERGENCY MINIATURE INVERTER	8.8	868	LED	SIGNIFY (LEDALITE)	L4R10935VB / L4RDW
9 **		4' SQUARE DOWNLIGHT	8.8	868	LED	SIGNIFY (LEDALITE)	L4R10935VB / L4RDW
9 ** EM		SAME AS TYPE 9 - CONNECTED TO EMERGENCY MINIATURE INVERTER	8.8	868	LED	SIGNIFY (LEDALITE)	L4R10935VB / L4RDW
10 **		2' RECESSED LINEAR. LENGTH VARIES. SEE PLANS FOR SPECIFIC LENGTHS.	14.5	1345	LED	FINELITE	HP-2-R-D-XFT-S-835
10 ** EM		SAME AS TYPE 10 - CONNECTED TO EMERGENCY MINIATURE INVERTER	14.5	1345	LED	FINELITE	HP-2-R-D-XFT-S-835
11 **		15/16' T-BAR LED	39	2854	LED	JLC TECH	TBSL-MW-5-24-B2-X-W
11 ** EM		SAME AS TYPE 11 - CONNECTED TO EMERGENCY MINIATURE INVERTER	39	2854	LED	JLC TECH	TBSL-MW-5-24-B2-X-W
12 **		2' RECESSED PERIMETER	27.6	2999	LED	PINNACLE ARCHITECTURAL LIGHTING	EV2DPM-A-835HO-4
12 ** EM		SAME AS TYPE 12 - CONNECTED TO EMERGENCY MINIATURE INVERTER	27.6	2999	LED	PINNACLE ARCHITECTURAL LIGHTING	EV2DPM-A-835HO-4
13		WALL MOUNT LINEAR	33.1	3361	LED	SIGNIFY (LEDALITE)	7408LBEQN047DEW
13 EM		SAME AS TYPE 13 - CONNECTED TO EMERGENCY MINIATURE INVERTER	33.1	3361	LED	SIGNIFY (LEDALITE)	7408LBEQN047DEW
14 ** EM		4' SURFACE MOUNTED LINEAR - CONNECTED TO EMERGENCY MINIATURE INVERTER	18.8	1780	LED	PINNACLE ARCHITECTURAL LIGHTING	EX3-WET-N-835-4-S-U-OL2-1-0-W
15 EM		LOW PROFILE SURFACE CANOPY WITH INTEGRAL BATTERY	51	5396	LED	SIGNIFY (GARDCO)	SVPG-A06-840
16		20' X 5' LINEAR WALL MOUNT SCONCE	10	175	LED	TEKA ILLUMINATION	C-AR-FS-LED-392-ART
20 **		EXIT SIGN (SINGLE FACE) WALL AND CEILING MOUNT. SEE PLANS FOR DIRECTIONAL INDICATORS	2.5		LED	SIGNIFY (CHLORIDE)	ER46L-2-W-R
** LUMINAIRE TYPE NOT USED IN THIS BUILDING						* MANUFACTURER AND MODEL NUMBER ARE PROVIDED TO SHOW BASIS OF DESIGN ONLY.	

2 Luminaire Schedule

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Beacon, New York

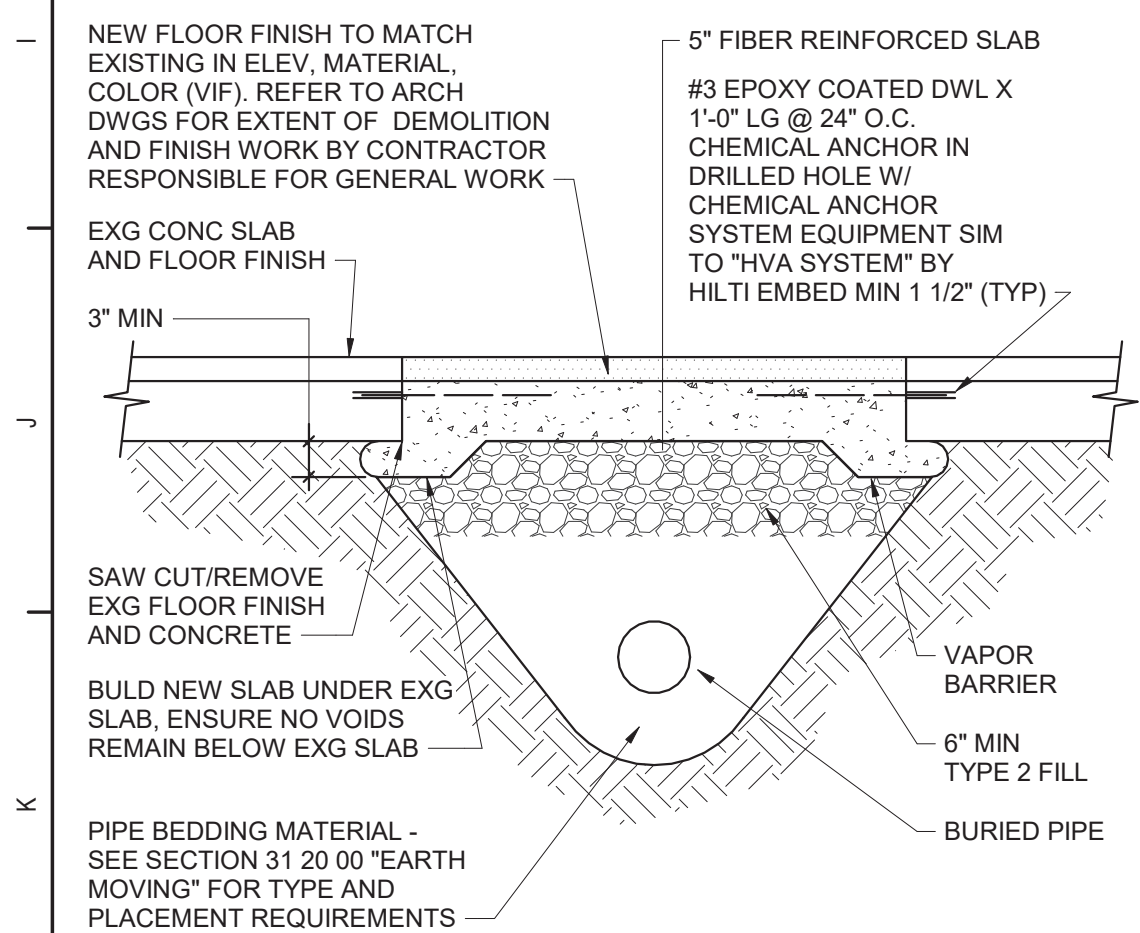
Reconstruction to:
South Ave Elementary School

Details

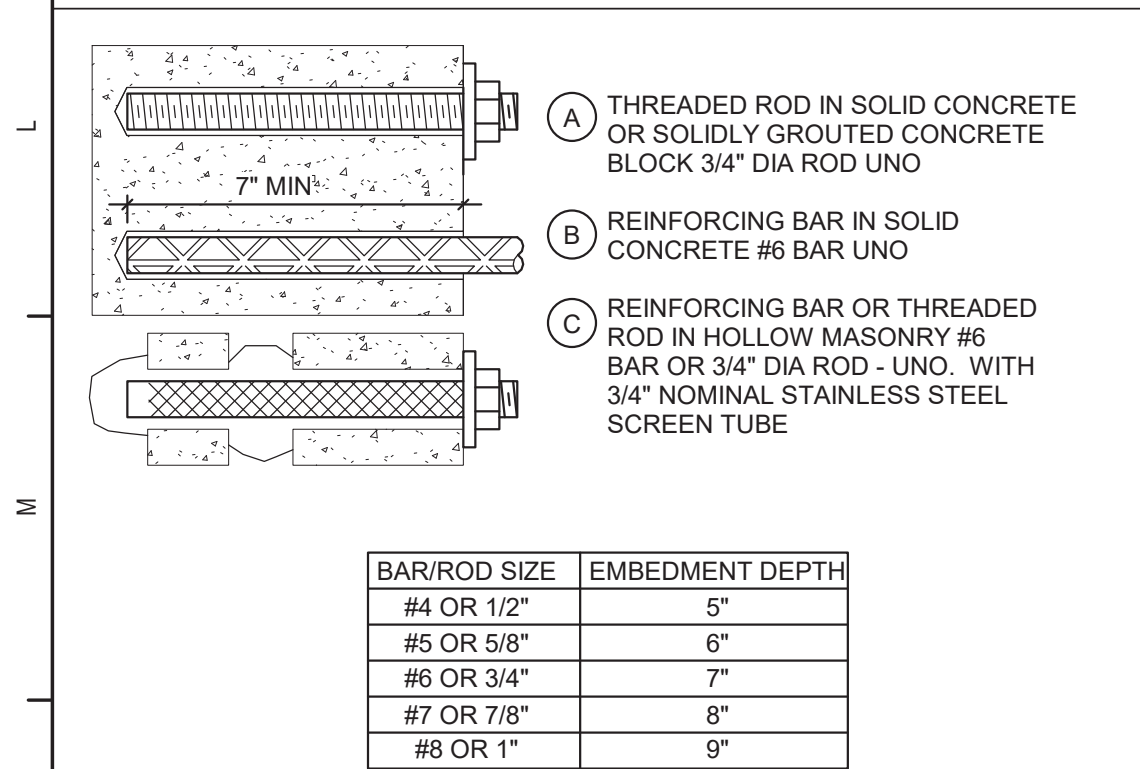
Drawn By: SAS	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DE500	



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



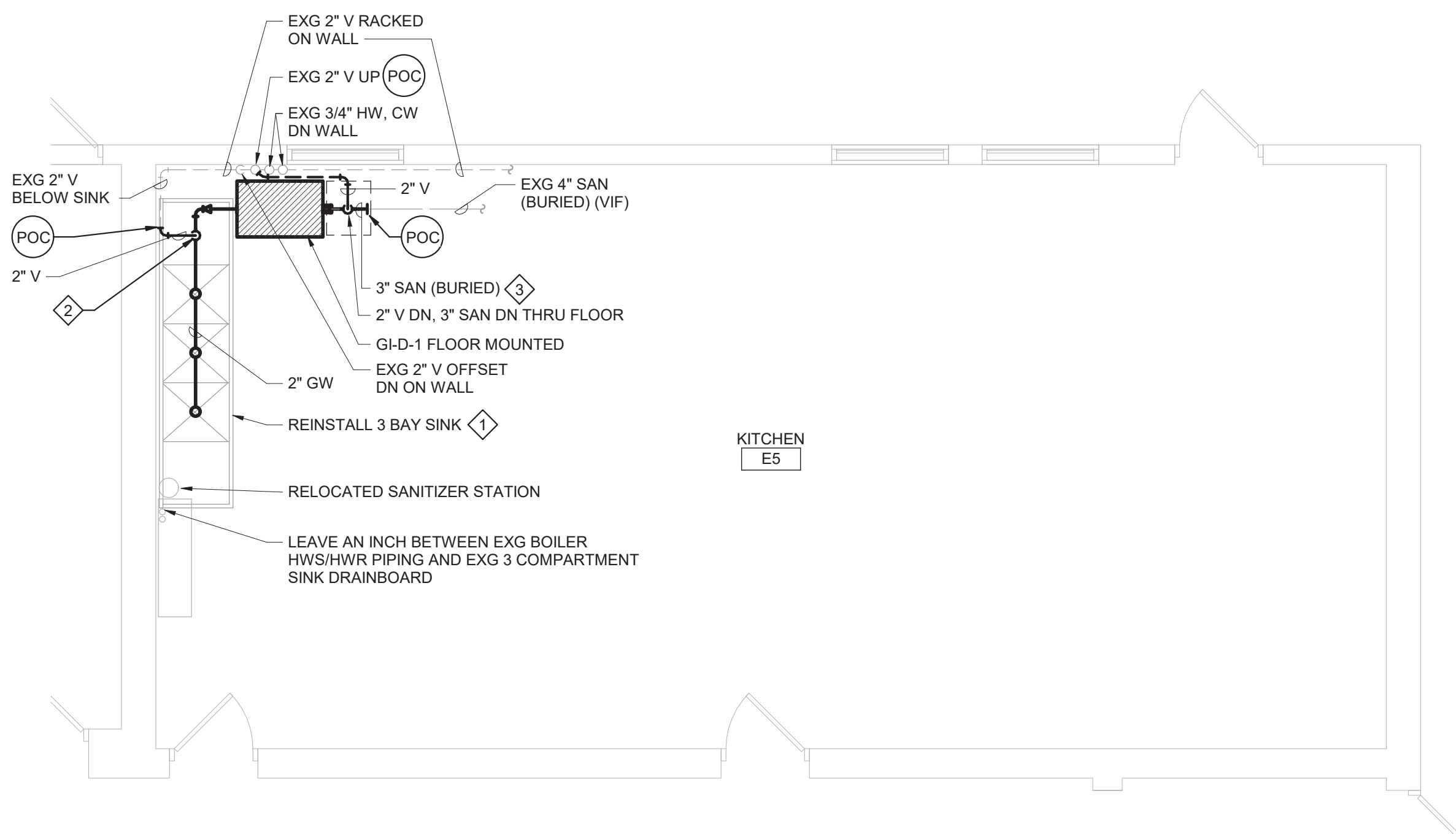
4 Trenching Below Existing Slab Detail
NTS



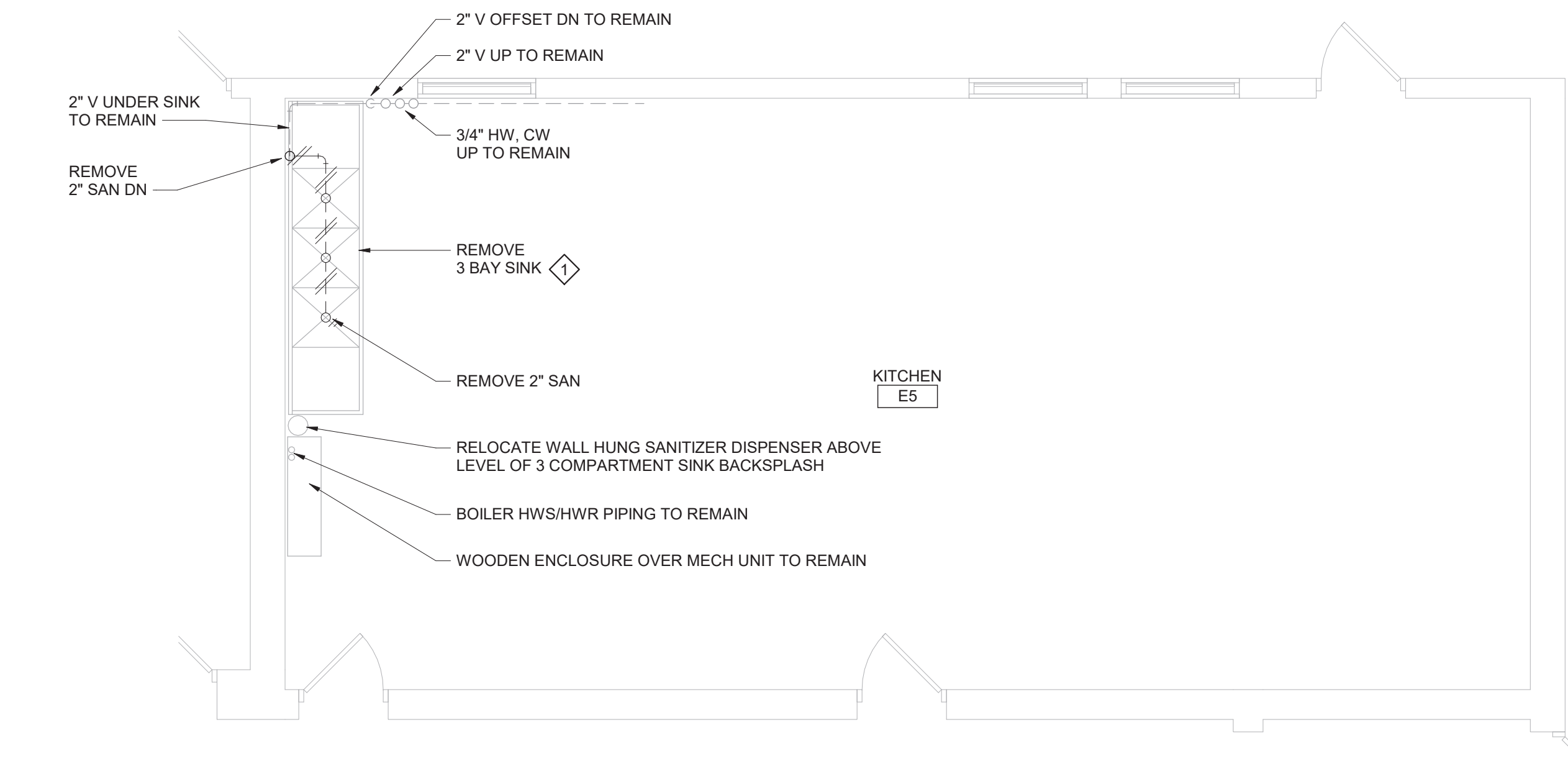
GENERAL NOTES:
1. FOR ACCEPTABLE ADHESIVE PRODUCTS REFER TO SPECIFICATIONS.
2. COMPLY WITH MANUFACTURERS REQUIREMENTS FOR INSTALLATION.

5 Typical Chemical Anchors
NTS

Grease Interceptor Schedule														
DWG LABEL	LOCATION	DESIGN MAKE AND MODEL	GREASE RETENTION CAPACITY (POUNDS)	PDI RATED FLOW RATE (GPM)	INSTALLATION	INLET / OUTLET SIZE (NPS)	CENTERLINE OF INLET / OUTLET TO BOTTOM (INCHES)	CENTERLINE OF INLET / OUTLET TO TOP (INCHES)	EXTENSION HEIGHT (INCHES)	LENGTH (INCHES)	WIDTH (INCHES)	HEIGHT (INCHES)	VENT SIZE (NPS)	NOTES
GH-D-1	KITCHEN E5	JR SMITH 8150	100	50	FLOOR MOUNTED	3	10	6	N/A	49-1/2	27-3/4	16	2	1
NOTES:														
1. PROVIDE EXTERNAL FLOW CONTROL FITTING SUPPLIED BY SAME MANUFACTURER AS GREASE INTERCEPTOR.														



3 Kitchen E5 Plan
1/4" = 1'-0"



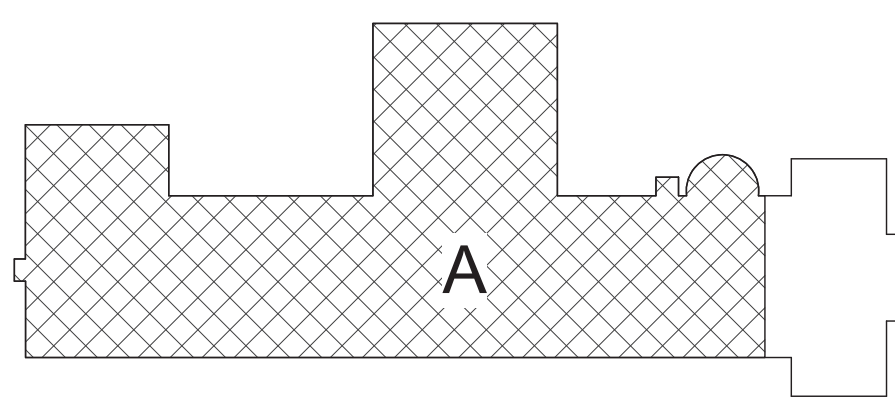
2 Kitchen E5 Demolition Plan
1/4" = 1'-0"

General Notes

- VERIFY ALL PIPING LOCATIONS, SIZES, AND ARRANGEMENTS IN FIELD PRIOR TO BID. NOTIFY ARCHITECT IN WRITING OF ANY DISCREPANCIES.
- VERIFY IN FIELD INVERT AND DIRECTION OF FLOW IN EXISTING SOIL PIPE WHERE NEW SOIL PIPE IS TO BE CONNECTED TO EXISTING SOIL PIPE.
- LEGALLY DISPOSE OF ALL DEMOLITION DEBRIS.
- 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.
- MATERIALS FOR PLUMBING INSTALLATION SHALL BE NEW, UNLESS SPECIFICALLY NOTED OTHERWISE.
- REPLACE PLUMBING EQUIPMENT INDICATED. MODIFY AND EXTEND EXISTING PIPING AS REQUIRED TO MEET FIXTURE HFRS 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.

Plumbing Notes

- REMOVE 3 BAY SINK AND STORE FOR REINSTALLATION AFTER GREASE INTERCEPTOR IS INSTALLED. CLEAN TABLE BEFORE REINSTALLATION.
- FLOW CONTROL FITTING SUPPLIED BY GREASE INTERCEPTOR MANUFACTURER.
- REFER TO DETAILS 4/ DP130 AND 5/ DP130 FOR ADDITIONAL INFORMATION.



Key Plan
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Beacon City School District
Beacon, New York

Reconstruction to:
South Ave Elementary School

First Floor Plan - Area A, Details and
Schedule

Drawn By: GPD / sef	Date: 10/28/2022	Drawing Number:
Project No.: 279180-22004	DP130	