

# DOOR / WINDOW SCHEDULE

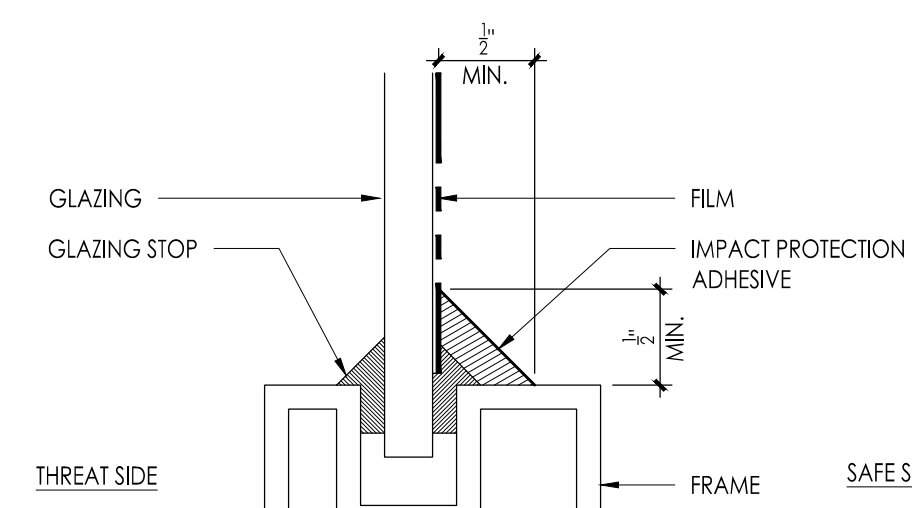
DR NO	DOOR LOCATION	DOOR / WINDOW				FRAME			SILL / SADDLE / THRESHOLD	HARD WARE	RATING	SIGN TYPE	REMARKS
		SIDE	TYPE	MAT.	GLASS	TYPE	MAT.	HEAD					
D101	EXTERIOR ENTRY DOOR @ STAIR # 2	-	-	-	ETR-SWF	A	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D102	EXTERIOR ENTRY DOOR @ STAIR # 2	-	-	-	ETR-SWF	B	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D103	EXTERIOR ENTRY DOOR @ VESTIBULE	-	-	-	ETR-SWF	C	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D104	EXTERIOR ENTRY DOOR @ VESTIBULE	-	-	-	ETR-SWF	C	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D105	EXTERIOR ENTRY DOOR @ STAIR # 1	-	-	-	ETR-SWF	B	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D106	EXTERIOR ENTRY DOOR @ STAIR # 1	-	-	-	ETR-SWF	A	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D107	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	E	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D108	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	E	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D109	EXTERIOR ENTRY DOOR @ ADMIN	-	-	-	ETR-SWF	F	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D110	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	G	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D111	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	I	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D112	EXTERIOR ENTRY DOOR @ E102	-	-	-	ETR-SWF	E	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D113	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	I	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D114	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	I	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D117	EXTERIOR ENTRY DOOR @ AUXILIARY GYMNASIUM	-	-	-	ETR-SWF	I	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D118	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	H	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D119	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	D	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D120	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	E	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	
D121	EXTERIOR ENTRY DOOR @ CORRIDOR	-	-	-	ETR-SWF	E	-	-	-	-	-	SEE DOOR SCHEDULE NOTE 1, 2	

## DOOR SCHEDULE NOTES

- INSTALL NEW WINDOW SECURITY FILM ON EXISTING GLAZING WHERE INDICATED BY ABBREVIATION 'SWF' ON GLAZING PANELS IN EXISTING DOOR FRAMES. ALL SECURITY GLAZING TO BE INSTALLED ON SAFE SIDE OF FRAME SEE DETAIL F1. REFER TO EXISTING EXTERIOR FRAME TYPES AND FLOOR PLAN FOR EXTENT OF WORK.
- ALL AREAS OF GLAZING TO RECEIVE SECURITY FILM TO BE VERIFIED IN FIELD.

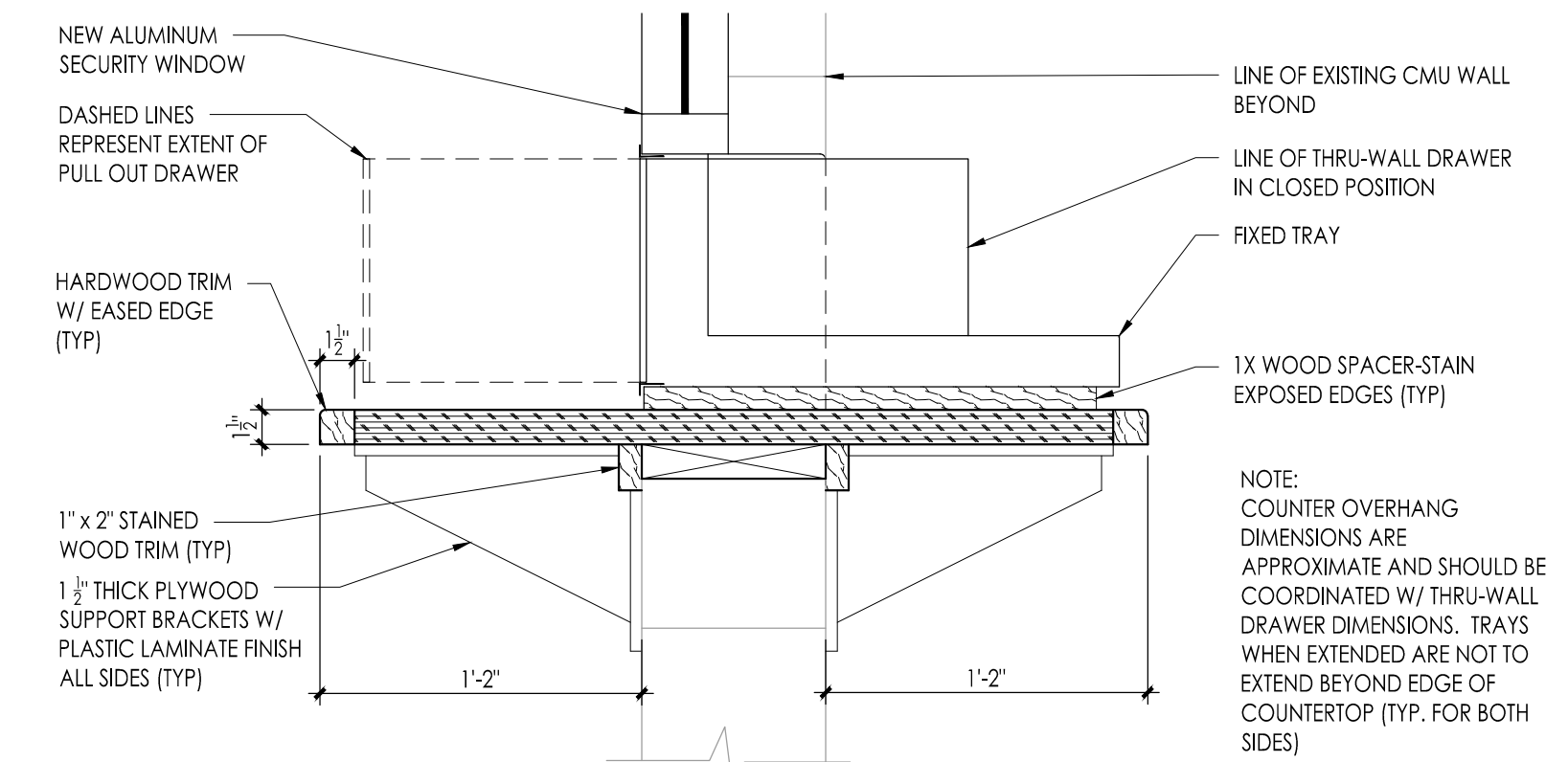
## ABBREVIATIONS

- ETR - EXISTING TO REMAIN  
SWF - SECURITY WINDOW FILM

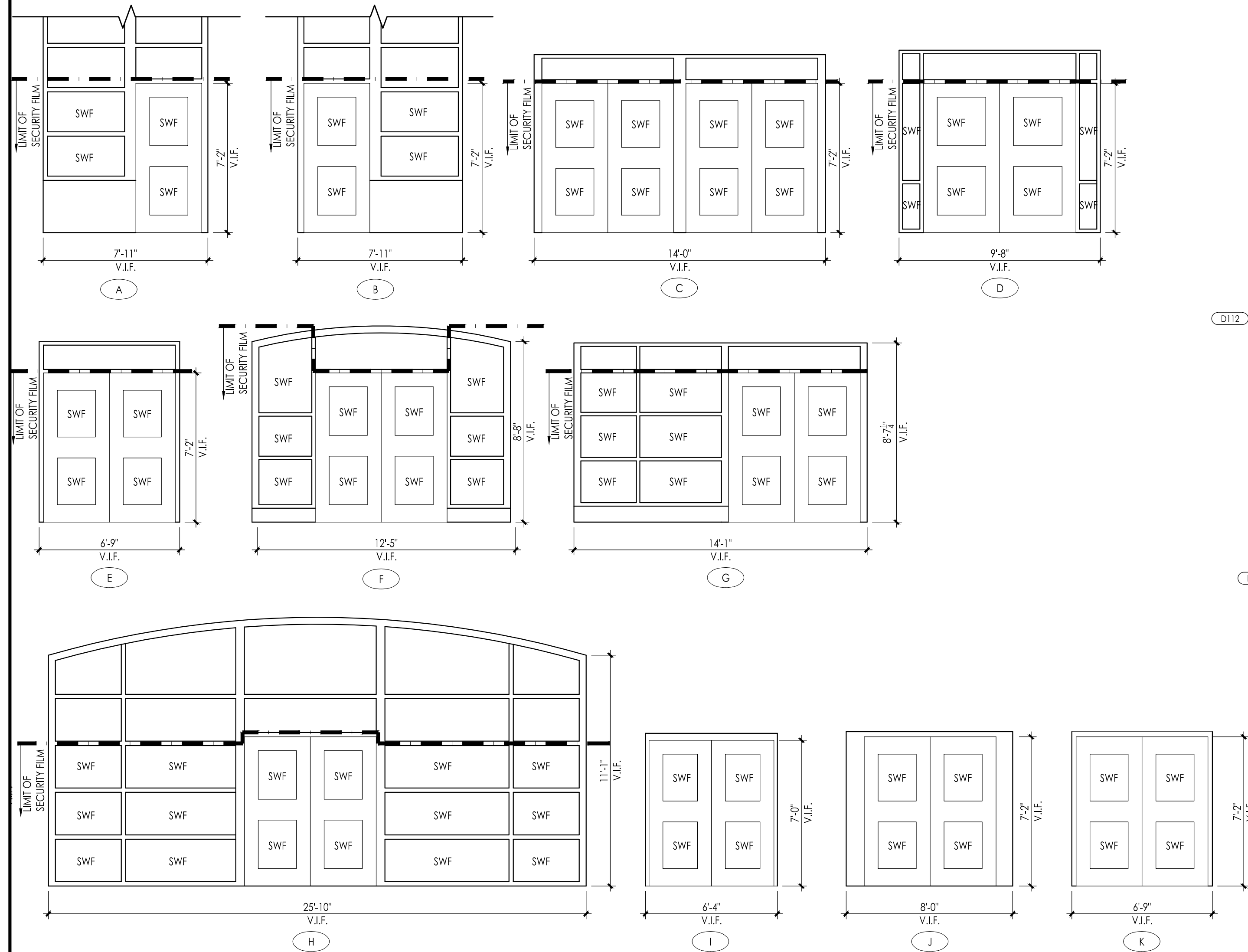


F1 SECURITY FILM DETAIL  
Scale: 1/4" = 1'-0"

2 COUNTER DETAIL AT SECURITY WINDOW  
Scale: 1/2" = 1'-0"

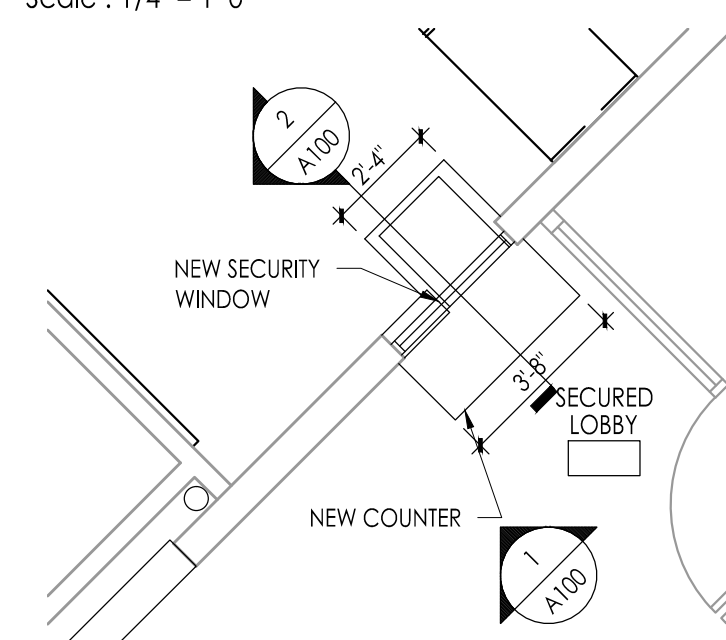


NOTE: COUNTER OVERHANG DIMENSIONS ARE APPROXIMATE AND SHOULD BE COORDINATED W/ THRU-WALL DRAWER DIMENSIONS. TRAYS WHEN EXTENDED ARE NOT TO EXTEND BEYOND EDGE OF COUNTERTOP (TYP. FOR BOTH SIDES)



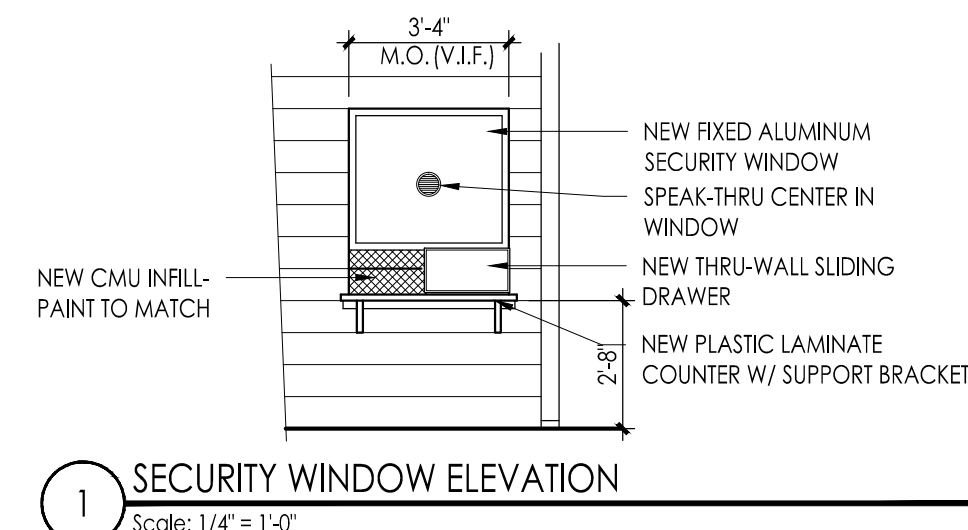
## EXISTING EXTERIOR FRAME TYPES

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



## NEW WORK PLAN - SECURED LOBBY

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



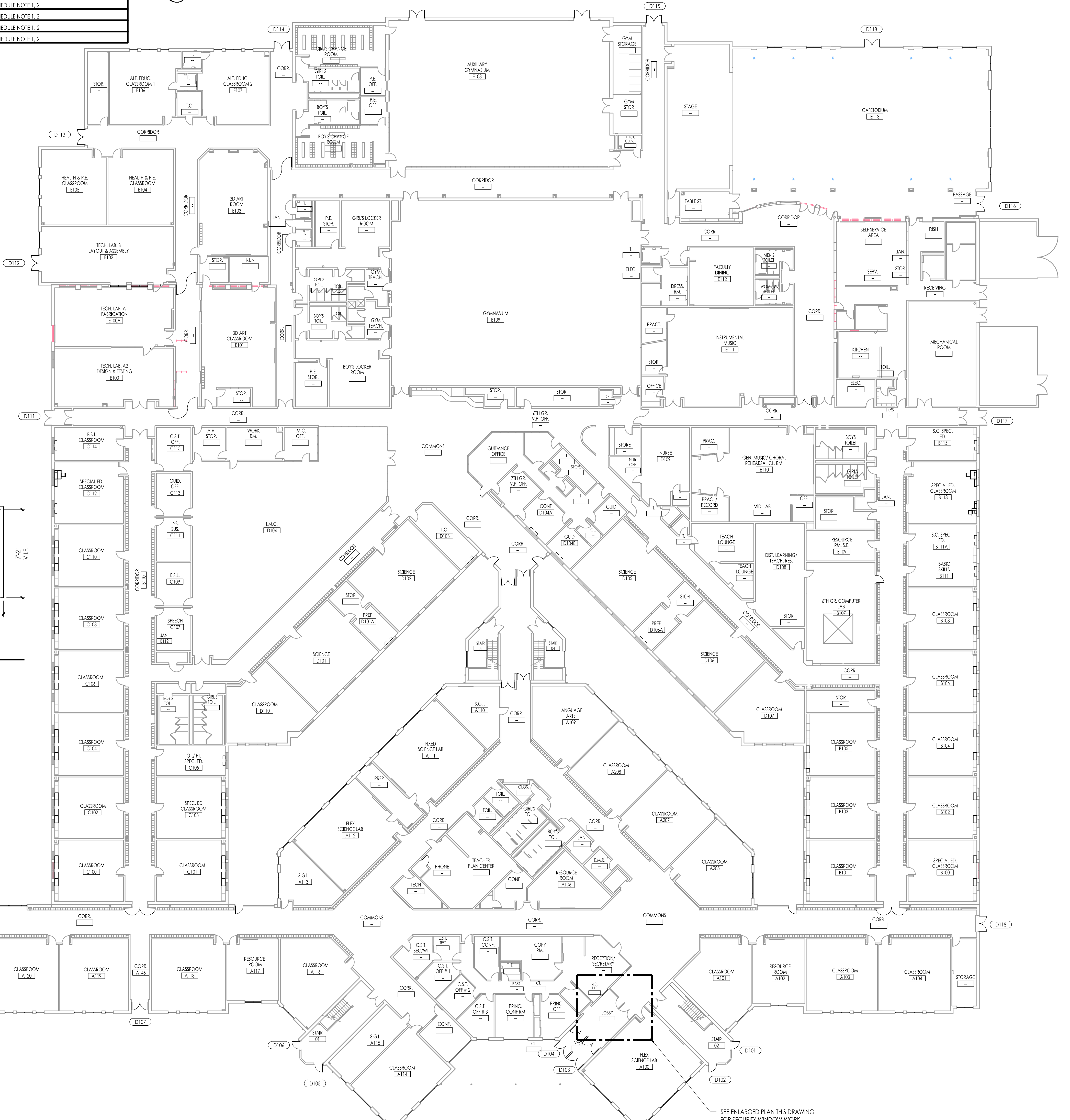
1 SECURITY WINDOW ELEVATION  
Scale: 1/4" = 1'-0"

## DEMOLITION PLAN - SECURED LOBBY

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

## DEMOLITION / CONSTRUCTION NOTES (SECURE VESTIBULE):

- REMOVE EXISTING SLIDING SECURITY WINDOW IN ITS ENTIRETY AND HAND OVER TO OWNER. REMOVE EXISTING PLASTIC LAMINATE COUNTER AND SUPPORT BRACKETS IN THEIR ENTIRETY. INFILL A PORTION OF THE EXISTING MASONRY OPENING WITH CMU PER DETAILS THIS DRAWING. INSTALL NEW PLASTIC LAMINATE COUNTER TO DIMENSIONS SHOWN IN DETAILS THIS DRAWING. INSTALL NEW THRU-WALL SECURITY DRAWER PER DETAILS THIS DRAWING. AFTER INSTALLATION OF DRAWER, INSTALL NEW SECURITY WINDOW ABOVE NEW DRAWER. SECURE FRAME TO EXISTING MASONRY OPENING AND SECURE DRAWER TO FRAME. PATCH ALL DAMAGE CAUSED BY DEMOLITION TO MATCH EXISTING CONDITIONS.



## FIRST FLOOR PLAN

Scale: 1:20

JOHN J. VEIZ, AIA, CSFA  
WILLIAM D. HOPKINS III, AIA, LEED AP  
GEORGE R. DUTHIE JR., AIA, PP  
NO. 1407297200

**FVHD** architects  
planners  
Frattak Veiz Hopkins Duthie P.C.  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont-Claire - Pennsylvania 17433

Project Name  
**ALTERATIONS AND  
RENOVATIONS TO  
WILLIAM DAVIES  
MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON  
TOWNSHIP BOARD  
OF EDUCATION**

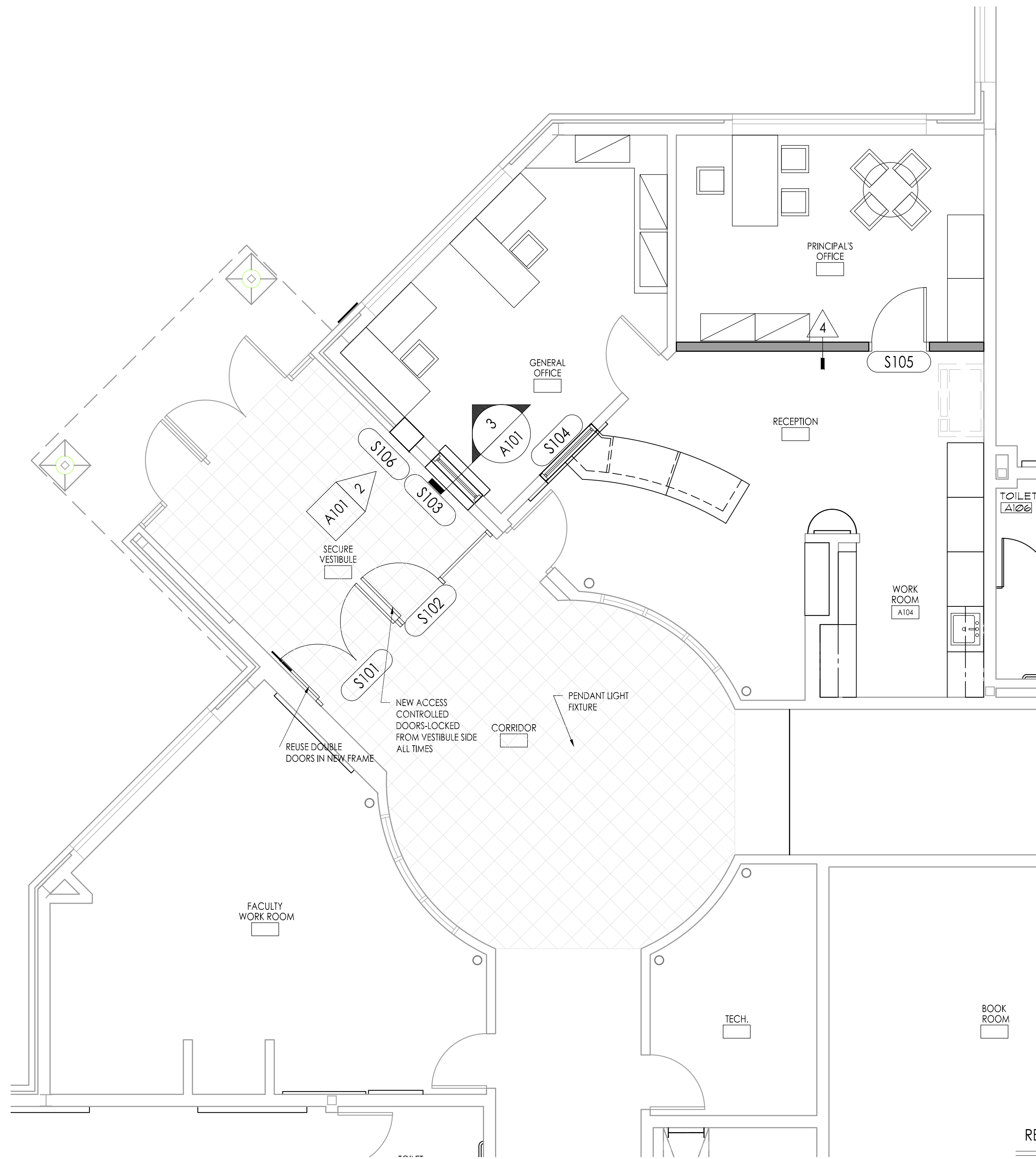
Project Location  
**1876 DENNIS  
FORMAN DR  
MAYS LANDING,  
NJ 08330**

Project Number  
**4937C**  
Project Date  
**02.15.2019**  
Checked By  
**JJV**  
Drawn By  
**KM**  
Scale  
**AS NOTED**

Drawing Name  
**SECURITY GLAZING  
& DOOR SCHEDULE**

Revisions	No.	Date	Description

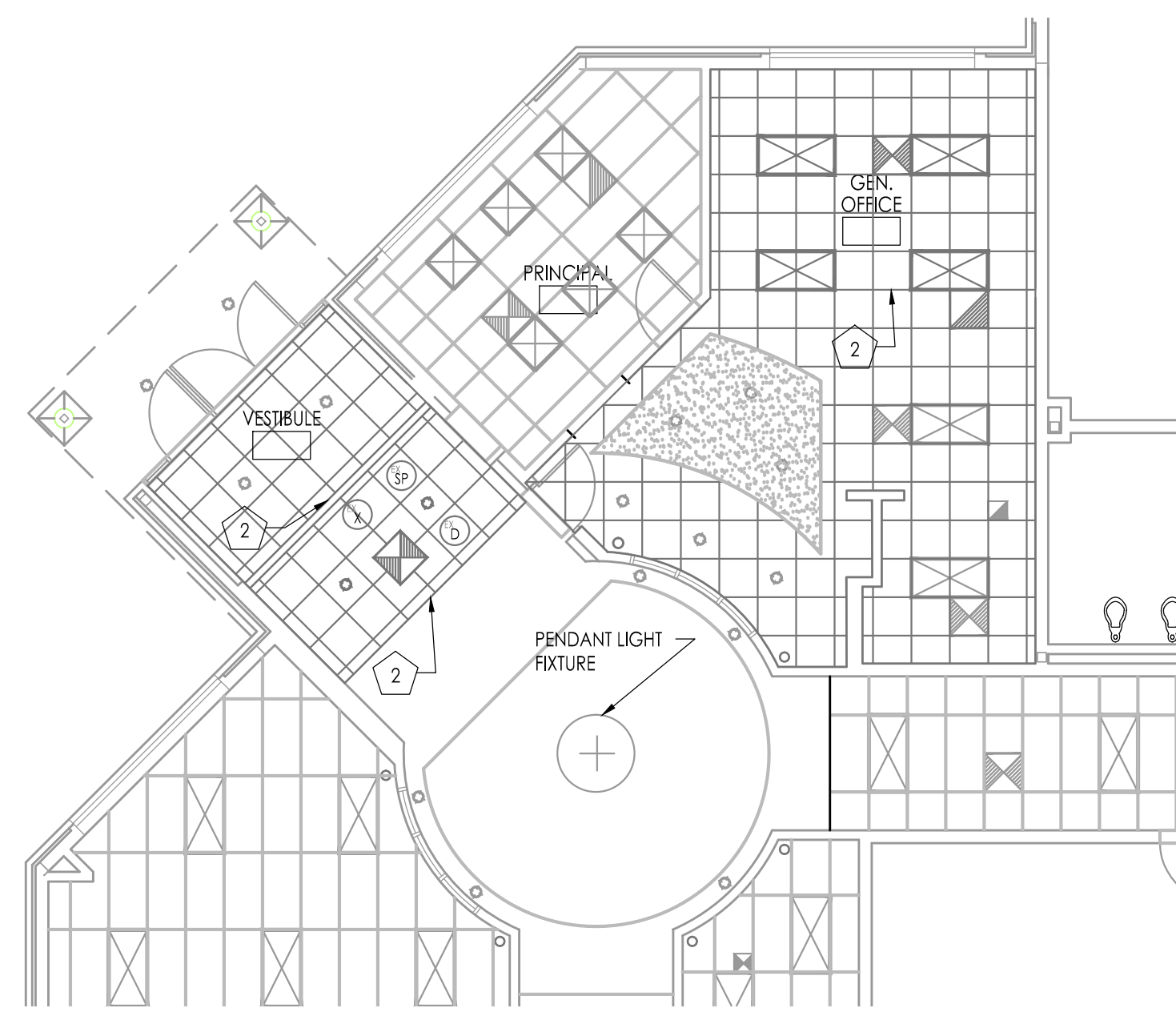
Drawing Number  
**A100**



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

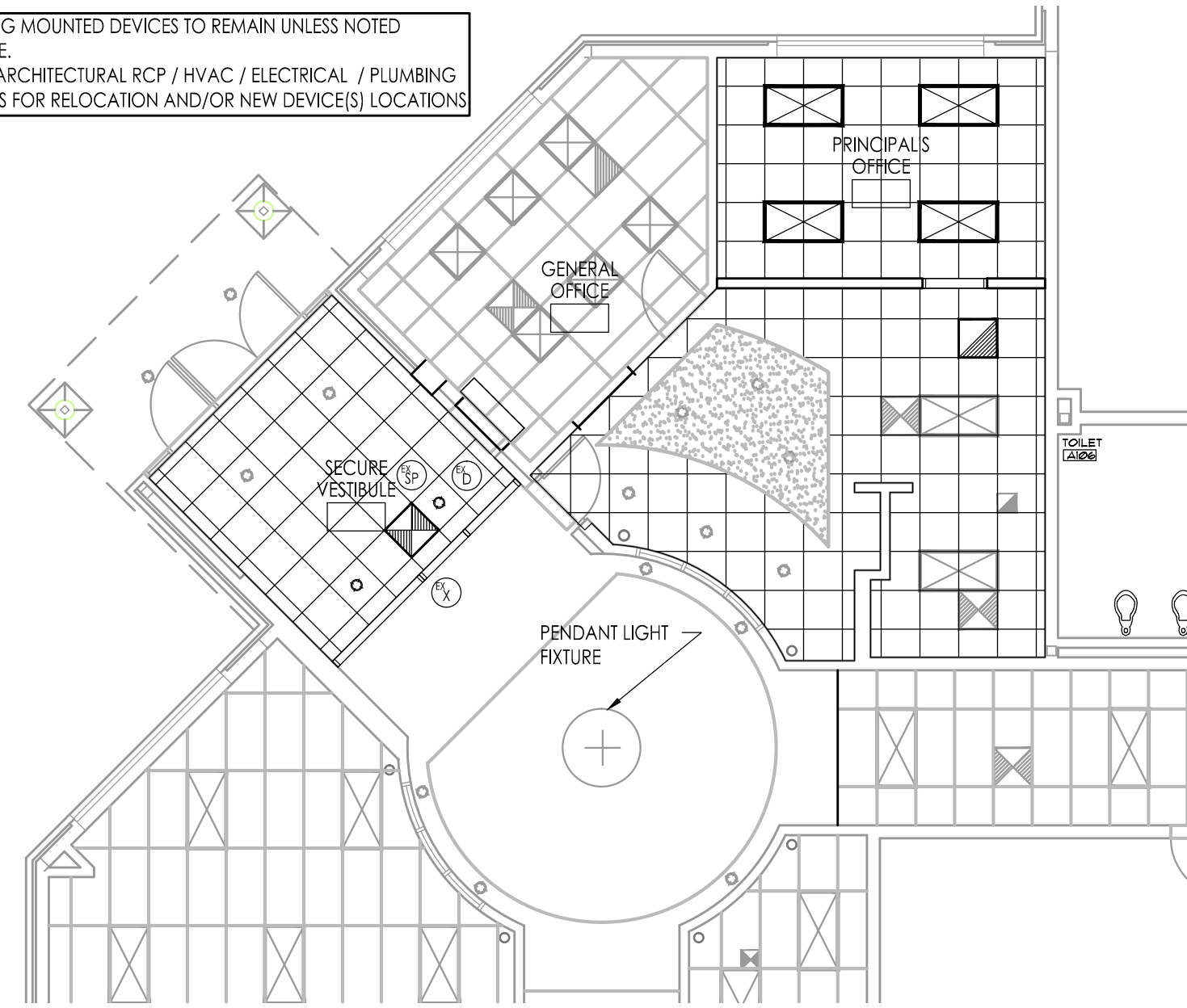
CONSTRUCTION NOTES:

1. AT LOCATION OF ALUMINUM FRAME REMOVE CLEAN PATCH AND REPAIR ANY AREAS OF DAMAGED MASONRY TO MATCH EXISTING. PREPARE MASONRY JOINT AS REQUIRED TO RECEIVE NEW JOINT COVER
2. ELECTRICAL CONTRACTOR TO PROVIDE (2) JUNCTION BOXES ABOVE CEILING AT RELOCATED FRAME.



REFLECTED CEILING PLAN - DEMOLITION  
Scale: 1/8" = 1'-0"

ALL CEILING MOUNTED DEVICES TO REMAIN UNLESS NOTED OTHERWISE. REFER TO ARCHITECTURAL RCP / HVAC / ELECTRICAL / PLUMBING DRAWINGS FOR RELOCATION AND/OR NEW DEVICE(S) LOCATIONS

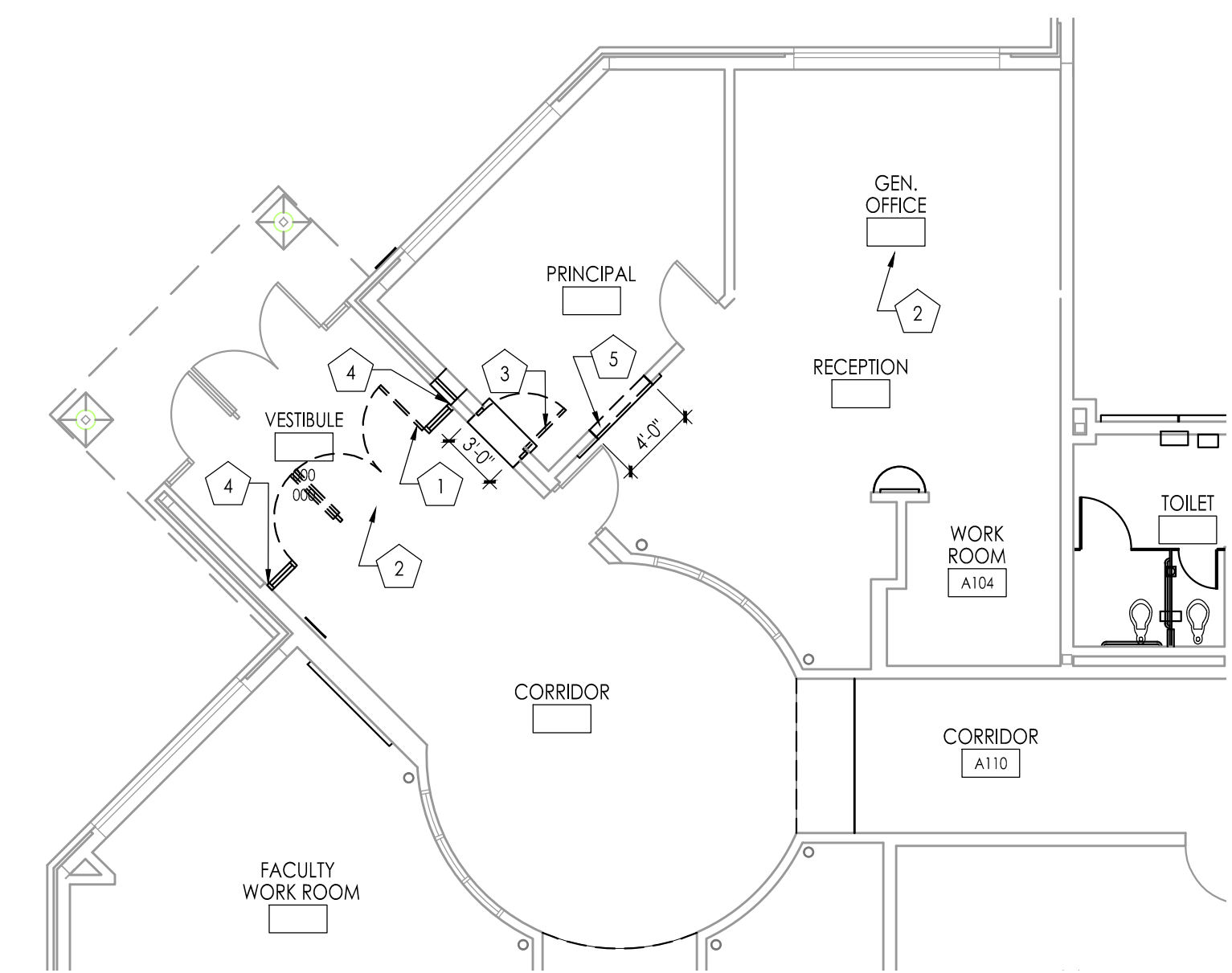
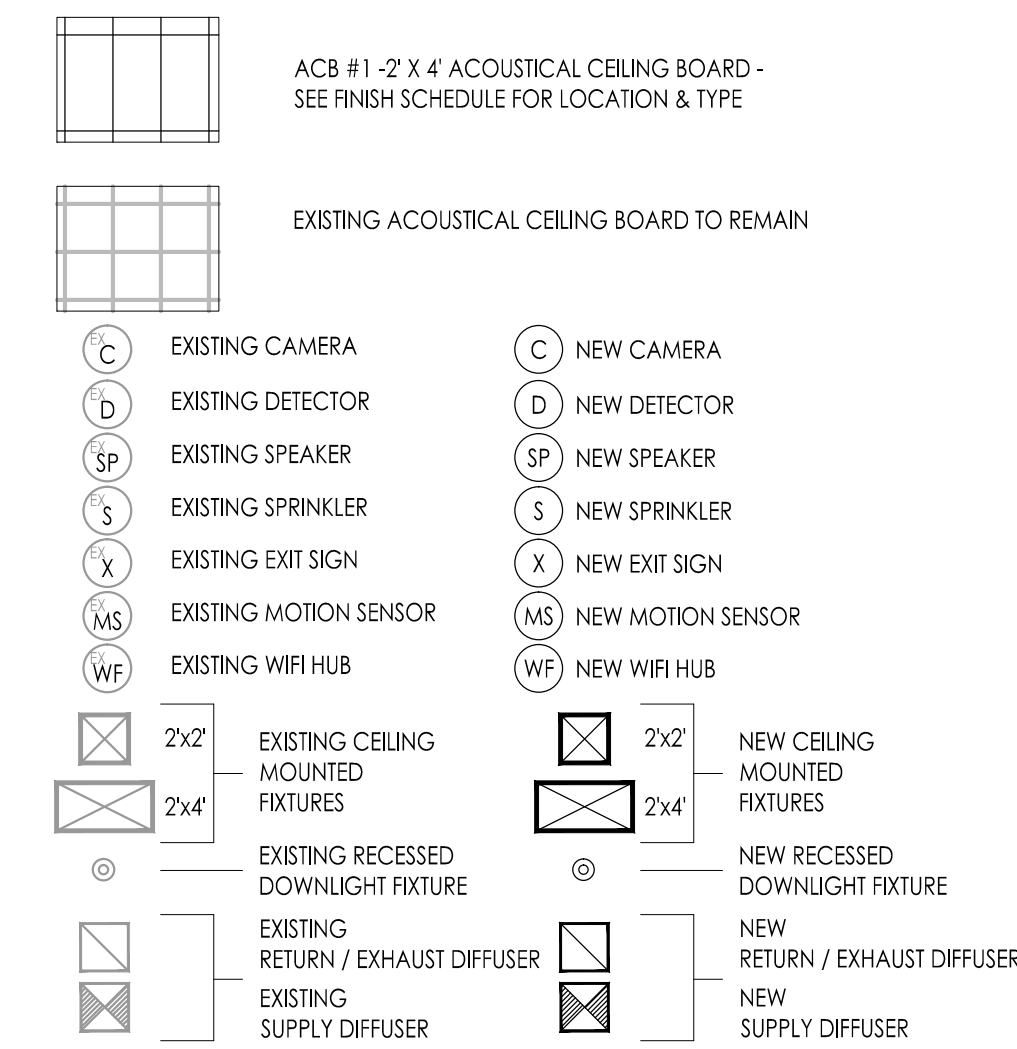


REFLECTED CEILING PLAN  
Scale: 1/8" = 1'-0"

REFLECTED CEILING NOTES

1. SEE HVAC AND ELECTRICAL DRAWINGS FOR TYPE, SIZE AND ADDITIONAL INFORMATION ON CEILING MOUNTED DEVICES.
2. ALL NEW DIFFUSERS AND LIGHTS TO BE CENTERED IN THE PANEL UNLESS NOTED OTHERWISE.
3. GENERAL HVAC AND ELECTRICAL CONTRACTORS / SUBCONTRACTORS TO COORDINATE LOCATION OF DIFFUSERS / LIGHTS AND DEVICES.

REFLECTED CEILING PLAN LEGEND



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

DEMOLITION CONSTRUCTION NOTES

GENERAL NOTES:  
THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

IN ALL LOCATIONS OF RENOVATION / CONSTRUCTION, CONTRACTOR SHALL PROTECT ALL ITEMS (INCLUDING MURALS) FROM CONSTRUCTION DUST AND DEBRIS AS WELL AS DAMAGE. ALL ITEMS DAMAGED BY THE RENOVATION SHALL BE REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.

IN ALL LOCATIONS OF RENOVATION / CONSTRUCTION CAREFULLY REMOVE EXISTING PLAQUES / EXHIBITION BOARDS / PICTURES AND TURN OVER TO OWNER. PATCH AND REPAIR ALL DAMAGE FROM REMOVAL TO MATCH EXISTING WALL AND FINISHES & RESTORE TO SMOOTH, FLUSH SURFACE.

WHERE APPLICABLE BRACE AND SHORE UP ANY EXISTING CONSTRUCTION TO REMAIN. REMOVE EXISTING CONSTRUCTION TO LIMITS OF WORK DESCRIBED BY ARCHITECTURAL PLANS & ASSOCIATED HVAC / ELECTRICAL / PLUMBING PLANS. PREPARE FOR POSITIVE CONNECTION OF ALL NEW CONSTRUCTION TO EXISTING CONDITIONS.

1. REMOVE EXISTING INDICATED STOREFRONT DOORS & FRAMES, SIDELIGHTS, TRANSOMS, SADDLES & HARDWARE (CLOSERS, STOPS, BUMPERS ETC.) IN THEIR ENTIRETY. CONTRACTORS SHALL TAKE ALL NECESSARY STEPS TO ENSURE BUILDING SECURITY. CONTRACTOR IS TO PROTECT ALL FINISHES ADJACENT TO DEMOLITION WORK. PATCH AND REPAIR ALL DAMAGE CAUSED BY DEMOLITION TO MATCH EXISTING ADJACENT FINISHES, INCLUDING TERRAZZO, BRICK, TILE, BASE, PAINT ETC.
2. AT INDICATED AREA, REMOVE AND STORE EXISTING CEILING PANELS, SUSPENSION GRID AND APPLIANCES TO ACCOMMODATE RENOVATION. AFTER RENOVATION IS COMPLETE, MODIFY EXISTING SUSPENSION GRID TO FIT NEW LENGTHS. RE-INSTALL WITH NEW HANGAR WIRE TO EXISTING STRUCTURE. ALL PANELS, GRID AND APPLIANCES IN DESIGNATED SEE REFLECTED CEILING PLAN AND/OR PLUMBING / HVAC / ELECTRICAL DRAWINGS. REPLACE ALL DAMAGED OR DETERIORATED CEILING PANELS AND SUSPENSION GRID WITH NEW TO MATCH EXISTING. SEE PLUMBING / HVAC / ELECTRICAL DRAWINGS FOR ADDITIONAL WORK REQUIRED. ALL PLUMBING / HVAC / ELECTRICAL WORK, INCLUDING DEMOLITION, PATCHING AND REPAIR, BY RESPECTIVE TRADE CONTRACTOR.
3. REMOVE EXISTING DOOR AND FRAME ASSEMBLY IN ITS ENTIRETY EXISTING LINETS TO REMAIN. INFL. OPENING TO EXTENT SHOWN IN DETAIL AND AS REQUIRED FOR NEW INSTALLATIONS AND CONSTRUCTION.
4. AT LOCATIONS WHERE NEW DOOR FRAME MEETS EXISTING WALL OR FLOOR, CAREFULLY AND NEATLY REMOVE THE EXISTING WALL BASE AND FLOOR FINISH TO ALLOW FOR POSITIVE CONNECTION OF DOOR FRAME CONSTRUCTION DIRECTLY TO THE EXISTING FLOOR AND WALL SUBSTRATES (TILE / TERRAZZO / CONCRETE / BRICK / CMU / ETC.). CLEAN AND PREPARE EXPOSED EXISTING WALL AND EXISTING FLOOR SLAB TO RECEIVE NEW STOREFRONT FRAMING SYSTEM. AFTER DOOR FRAME CONSTRUCTION IS COMPLETE, PATCH AND REPAIR ALL DAMAGE TO EXISTING CONSTRUCTION CAUSED BY RENOVATION TO MATCH EXISTING ADJACENT FINISH. FINISH ALL NEWLY EXPOSED SURFACES TO MATCH EXISTING ADJACENT CONDITIONS.
5. BRACE AND SHORE UP EXISTING ADJACENT WALL CONSTRUCTION TO REMAIN. SAWCUT AND REMOVE EXISTING WALL TO WIDTH INDICATED ON DEMOLITION PLAN AND TO HEIGHT INDICATED ON ELEVATIONS ABOVE EXISTING FLOOR. SEE FLOOR PLAN. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXG. ADJACENT FINISH. WELL OPENING WITH NEW FRAME, MASONRY CONSTRUCTION AND LINTEL OF THICKNESS TO MATCH EXISTING WALL.

ROOM FINISH SCHEDULE JOSEPH C. SHANER ELEMENTARY SCHOOL

RM NO.	ROOM NAME	FLOOR	BASE		WAINSCOT		WALL FINISH				CEILING		REMARKS
			MAT.	HT.	MAT.	HT.	NORTH	SOUTH	EAST	WEST	MAT.	HT.	
A-01	SECURE VESTIBULE	ETR	ETR / RUB	ETR / 4"	n/g	n/g	ETR	ETR	ETR	ETR	ETR	ETR	FINISH SCHEDULE NOTE #
A-17	PRINCIPAL'S OFFICE	ETR	ETR / RUB	ETR / 4"	n/g	n/g	PNT	PNT	PNT	PNT	ETR	ETR	FINISH SCHEDULE NOTE # 1

GENERAL FINISH NOTES

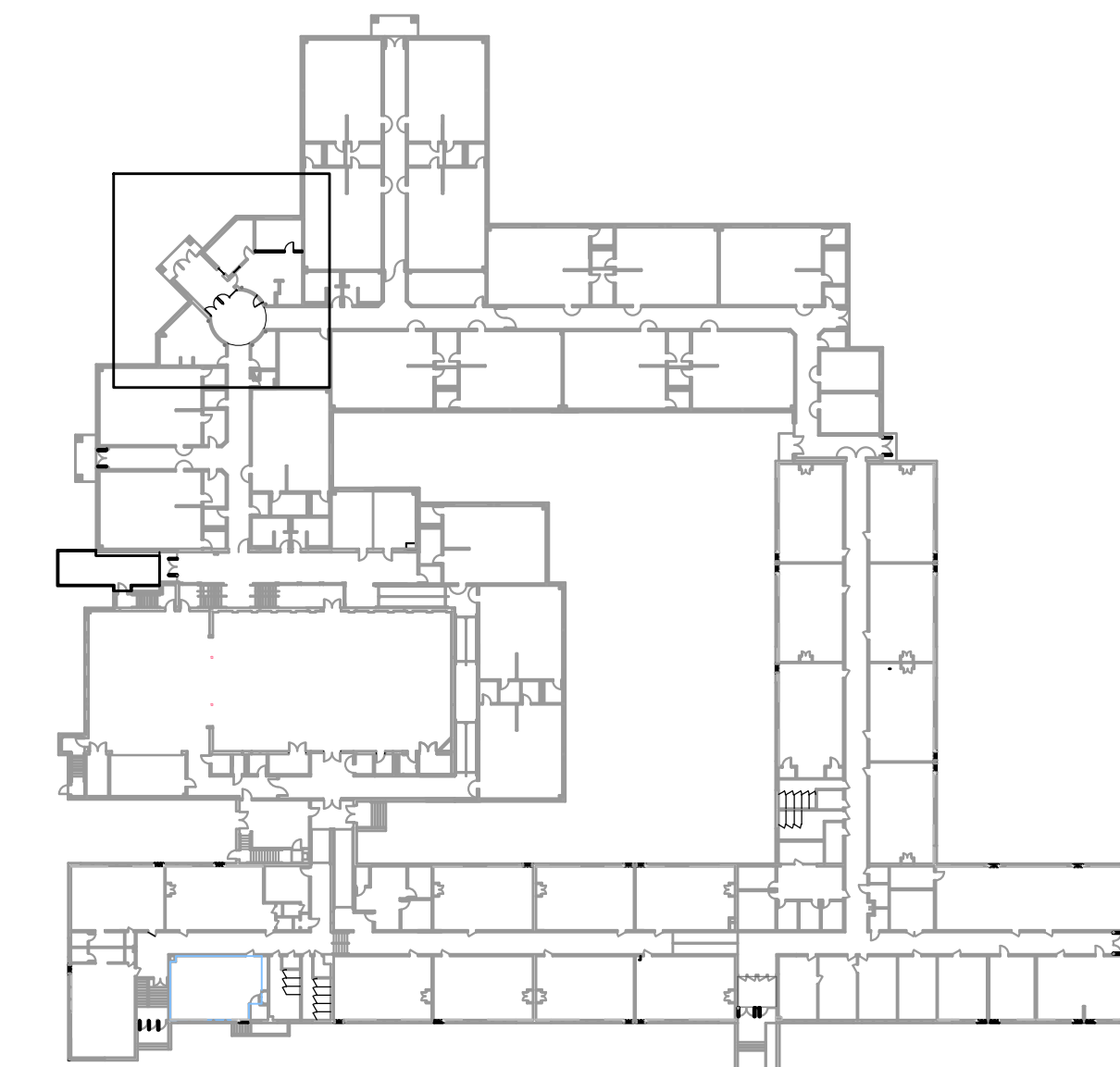
- A. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION ON MATERIALS / MANUFACTURER / PERFORMANCE AND WARRANTY INFORMATION.
- B. WITHIN THE EXISTING BUILDINGS, AT ALL AREAS OF NEW CONSTRUCTION ADJACENT TO EXISTING, NEW CONSTRUCTION SHALL BE FINISHED TO MATCH EXISTING ADJACENT CONSTRUCTION, INCLUDING BRICK, TILE, PLASTER, BASE, ETC.
- C. AT ALL AREAS OF EXISTING SURFACES BEING PAINTED, THE GENERAL CONSTRUCTION WORK CONTRACTOR SHALL REMOVE PRIOR TO PAINTING AND RE-INSTALL AFTER PAINTING ALL ELECTRICAL DEVICES (SWITCHES, OUTLETS, ETC.) COVER PLATES.
- D. MATERIALS LISTED ON THE FINISH SCHEDULE REFER TO THE MAJORITY OF WALLS, FLOOR AND CEILING OF ROOMS SCHEDULED. REFER TO PLANS, DETAILS, INTERIOR ELEVATIONS, SECTIONS, CEILING PLANS, AND NOTES FOR THOSE MATERIALS NOT INDICATED ON THE SCHEDULE BUT ARE STILL REQUIRED IN THE ROOM.

ROOM FINISH SCHEDULE NOTES

1. REMOVE, MODIFY AND REINSTALL EXISTING ACOUSTIC TILE CEILING AS REQUIRED FOR NEW CONSTRUCTION.

ROOM FINISH ABBREVIATIONS

- ACB - ACOUSTICAL CEILING BOARD
- CEM - CARPET ENTRY MAT
- CMU - CONCRETE MASONRY UNIT
- EP - EPOXY PAINTED
- ETR - EXISTING TO REMAIN
- GYP - GYPSUM BOARD
- PNT - PAINTED
- RUB - RUBBER BASE
- SPT - SPOFF
- VCT - VINYL COMPOSITION TILE
- n/g - NOT APPLICABLE



KEY PLAN  
N.T.S.

JOHN J. VEISZ, AIA, CSBA  
NO. 214866000 / PA. 84201818  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NO. 214866000 / PA. 84202504  
GEORGE K. DUTHIE, JR., AIA, PP  
NO. 214866000

**FVH D** architects  
planners  
Frattak Veisz Hopkins Duthie P C  
Company: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - North Chazy - Pennsylvania 17433

Project Name  
**ALTERATIONS AND  
RENOVATIONS TO  
JOSEPH C. SHANER  
MEMORIAL  
ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON  
TOWNSHIP BOARD  
OF EDUCATION**

Project Location  
**5801 3rd ST  
MAYS LANDING,  
NJ 08330**

Project Number  
**4937B**

Project Date  
**02.15.2019**

Checked By  
**JJV**  
Drawn By  
**dsb**  
Scale  
**1/4" = 1' - 0"**

Drawing Name  
**SECURITY VESTIBULE**

Revisions	No.	Date	Description

Drawing Number  
**A100**

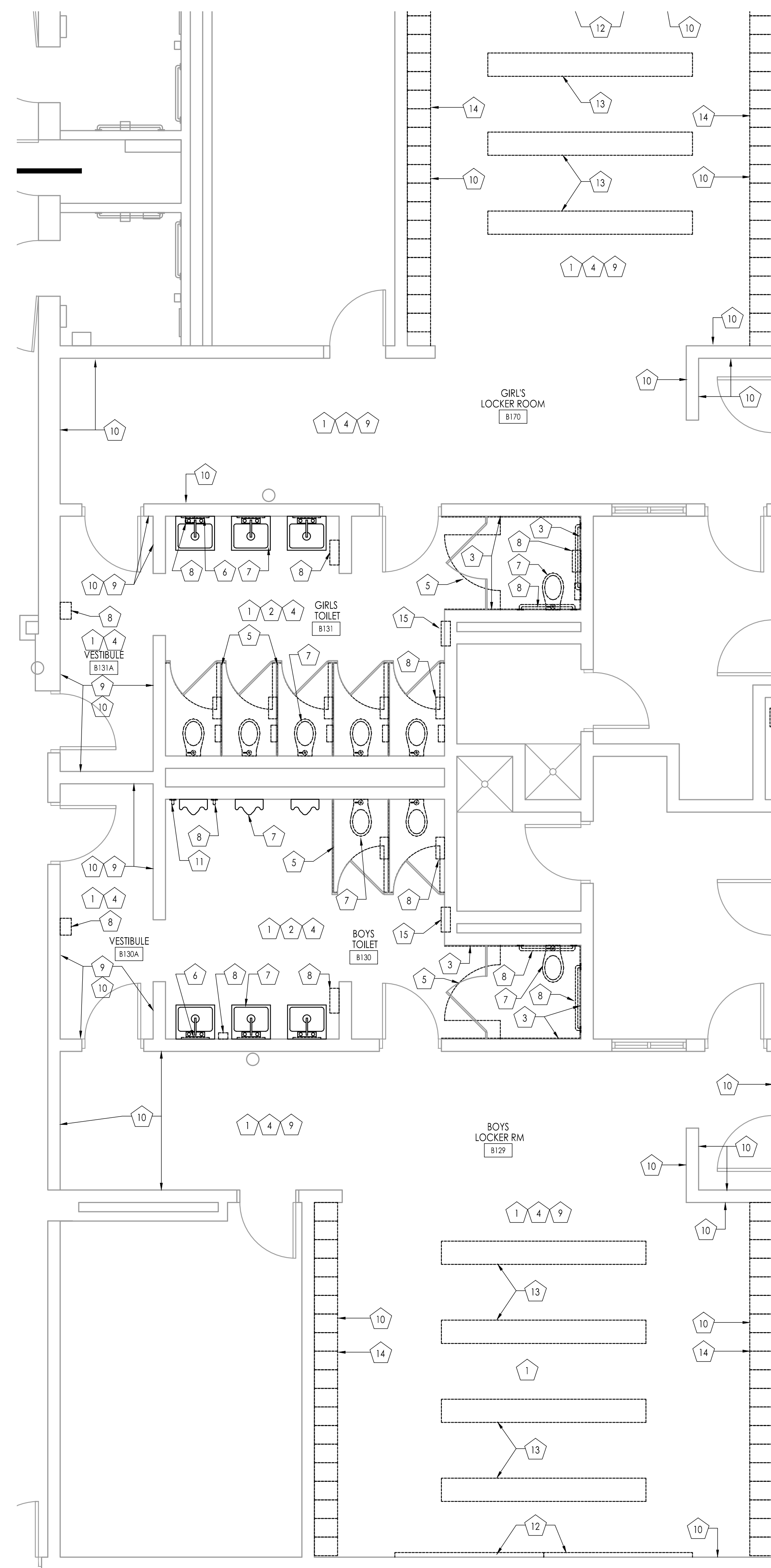


**GENERAL DEMOLITION NOTES:**

- A. ALL CONTRACTORS ARE ADVISED TO VISIT THE SITE AND VERIFY ALL AREAS AND CONDITIONS PRIOR TO SUBMITTING THEIR BIDS. THE CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCIES AND/OR OMISSIONS IN WRITING AT LEAST SEVEN DAYS PRIOR TO THE RECEIPT OF BIDS. FAILURE TO DO SO NOTIFY THE ARCHITECT INDICATES THAT ANY ADDITIONAL COSTS ASSOCIATED WITH THE DISCREPANCIES AND / OR OMISSIONS ARE INCLUDED IN THE CONTRACTOR'S BID AND THAT NO CHANGE TO THE CONTRACT AMOUNT WILL BE MADE AFTER THE RECEIPT OF BIDS OR THE AWARD OF CONTRACTS.
- B. ALL PLUMBING, MECHANICAL OR ELECTRICAL DISCONNECTS SHALL BE MADE BY THE RESPECTIVE TRADES. ALL EQUIPMENT, DEVICES, FIXTURES, ETC. SHALL BE REMOVED FROM THE SITE BY THE RESPECTIVE CONTRACTOR. NOTE: THE EXISTING FIRE ALARM SYSTEM SHALL NOT BE DIMINISHED NOR SHALL EXISTING FIRE ALARM DEVICES BE REMOVED.
- C. UNLESS NOTED OTHERWISE ALL DEMOLITION MATERIAL SHALL BE REMOVED OFF SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- D. THERE ARE SOME SPECIFIC ITEMS DESIGNATED BY THE ARCHITECT FOR SALVAGE. THESE ITEMS ARE INTENDED FOR REUSE IN THE NEW WORK. THE CONTRACTOR MUST TAKE CARE IN THE REMOVAL AND STORAGE OF THESE ITEMS UNTIL THEY ARE NEEDED IN THE NEW CONSTRUCTION.
- E. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT PORTIONS OF THE EXISTING CONSTRUCTION WHICH ARE ADJACENT TO AREAS TO BE DEMOLISHED. MAKE ALL CUTS AS NEATLY AS POSSIBLE. REFER TO FLOOR PLAN DRAWINGS FOR FINISHING OF THESE AREAS.
- F. IF NOT OTHERWISE NOTED OR DETAILED, ALL SURFACES LEFT ROUGH OR UNFINISHED BY DEMOLITION AND WHICH ARE EXPOSED TO VIEW, SHALL BE PATCHED TO MATCH ADJACENT SURFACES AND FINISHED TO PROVIDE A UNIFORM APPEARANCE WITH REGARD TO SIZE, SHAPE, COLOR, TEXTURE AND MATERIAL.
- G. THE CONTRACTOR SHALL PROVIDE A PHYSICAL BARRIER TO CONTAIN DUST AND DIRT AROUND THE DEMOLITION AREA AND SHALL MAKE EVERY EFFORT TO KEEP THE DEMOLITION SITE AND SURROUNDING AREAS AS CLEAN AS POSSIBLE. ALL TEMPORARY PARTITIONS SHALL BE 1 HOUR RATED CONSTRUCTION AND INCLUDE A DOOR.
- H. NO DEMOLITION SHALL BEGIN UNTIL PROPER PROTECTION IS IN PLACE AND APPROVED BY ARCHITECT & OWNER TO ENSURE THE SAFETY OF THE PUBLIC, THE BUILDING OCCUPANTS, CONSTRUCTION WORKERS AND TO CONTAIN DUST AND DIRT WITHIN THE AREA OF DEMOLITION.
- I. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS REGARDING THE REMOVAL AND DISPOSAL OF ALL MATERIALS & EQUIPMENT.
- J. THE CONTRACTORS SHALL TAKE INTO ACCOUNT THEIR METHODS OF CONSTRUCTION FOR THE NEW WORK AND INCLUDE IN THEIR BID THE COST OF ADDITIONAL DEMOLITION WORK NECESSARY TO FACILITATE THE CONSTRUCTION.
- K. THE DEMOLITION WORK SHOWN ON THIS PLAN IS INTENDED TO BE A GENERAL OVERVIEW OF MAJOR DEMOLITION WORK REQUIRED. IT IS NOT A COMPLETE AND EXCLUSIVE REPRESENTATION OF ALL DEMOLITION WORK NEEDED FOR EXECUTION OF THE PROJECT. WHEN PREPARING THEIR BIDS, CONTRACTORS MUST REFER TO THE FULL SET OF CONSTRUCTION DOCUMENTS FOR VARIOUS MISCELLANEOUS ITEMS WHICH MUST BE REMOVED AND/OR RELOCATED AS PART OF THE WORK.
- L. ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN CUTTING AND PATCHING - SEE SPECIFICATION.

**DEMOLITION / CONSTRUCTION NOTES (TOILET RENOVATIONS):**

- 1. EXISTING CERAMIC TILE FLOOR FINISH TO REMAIN. INSTALL NEW TILE FLOOR FINISH OVER EXISTING TILE. PREPARE EXISTING FLOOR TILE PER NEW TILE MANUFACTURE RECOMMENDATION FOR INSTALLATION OVER EXISTING TILE.
  - 2. EXISTING CERAMIC WALL TILE TO REMAIN ON ALL WALLS EXCEPT THOSE NOTED TO HAVE EXISTING TILE REMOVED. INSTALL NEW TILE WALL FINISH OVER EXISTING TILE. PREPARE EXISTING WALL TILE PER NEW TILE MANUFACTURE RECOMMENDATION FOR INSTALLATION OVER EXISTING TILE.
  - 3. EXISTING CERAMIC WALL TILE TO BE REMOVED IN ITS ENTIRETY. PREPARE EXISTING WALL TO ACCEPT NEW TILE WALL FINISH. INSTALL NEW TILE WALL FINISH FULL LENGTH AND HEIGHT OF WALL.
  - 4. PAINT EXISTING GYPSUM BOARD CEILING IN ITS ENTIRETY. PRIOR TO PAINTING, PROTECT ANY CEILING MOUNTED DEVICES AND REPAIR ANY CRACKS, GOUGES, HOLES, ETC. TO A FLUSH CONDITION. ALL EXISTING LIGHTING FIXTURES TO REMAIN. PAINT ALL CEILING MOUNTED SUPPLY, RETURN AND EXHAUST AIR DIFFUSERS IN THEIR ENTIRETY.
  - 5. REMOVE ALL EXISTING TOILET PARTITIONS, MOUNTING BRACKETS ETC. IN THEIR ENTIRETY. INVENTORY AND RECORD WHERE ALL PIECES WERE REMOVED FOR FUTURE INSTALLATION. SAFELY STORE ALL PARTITIONS AND RELATED MOUNTING BRACKETS. ALL TOILET PARTITIONS ARE TO BE RE-INSTALLED IN SAME LOCATIONS THEY WERE REMOVED. ALL GRAB BARS, TOILET TISSUE, NAPKIN DISPENSERS ETC. THAT ARE ATTACHED TO PARTITIONS ARE TO BE RE-INSTALLED BACK ON TO PARTITION IN SAME LOCATION IF REMOVED DURING DEMOLITION.
  - 6. REMOVE ALL WALL MOUNTED MIRRORS IN THEIR ENTIRETY. SAFELY STORE DURING CONSTRUCTION. DOCUMENT HEIGHT ABOVE FINISHED FLOOR ALL MIRRORS WERE MOUNTED. RE-INSTALL MIRRORS OVER SINKS AT SAME HEIGHTS AS PREVIOUSLY INSTALLED. ALL MIRRORS TO BE CENTERED OVER NEW SINKS.
  - 7. REFER TO PLUMBING DRAWINGS FOR DEMOLITION AND NEW WORK NOTES.
  - 8. ALL WALL MOUNTED TOILET ACCESSORIES INCLUDING BUT NOT LIMITED TO, SOAP DISPENSERS, ELECTRIC HAND DRYERS, PAPER TOWEL DISPENSERS, NAPKIN DISPENSERS AND GRAB BARS ARE TO BE REMOVED AND SAFELY STORED DURING CONSTRUCTION. RE-INSTALL IN SAME LOCATIONS AND HEIGHTS AS PREVIOUSLY INSTALLED. SOAP DISPENSERS WILL NOT BE RE-USED.
  - 9. EXISTING CMU WALL FINISH TO REMAIN - PAINT.
  - 10. REMOVE EXISTING 4" HIGH CERAMIC TILE WALL BASE IN ITS ENTIRETY. PATCH AND PREPARE EXISTING CMU WALL AS NECESSARY FOR INSTALLATION ON NEW TILE BASE.
  - 11. REMOVE EXISTING VERTICALLY MOUNTED GRAB BAR AND HAND OVER TO OWNER.
  - 12. REMOVE EXISTING CHALK BOARDS IN THEIR ENTIRETY. DOCUMENT EXISTING MOUNTING HEIGHT PRIOR TO REMOVAL. RE-INSTALL BOARDS IN SAME LOCATION AND HEIGHT ON WALL AFTER NEW TILE IS INSTALLED.
  - 13. REMOVE EXISTING BENCHES AND SAFELY STORE. PRIOR TO REMOVAL DOCUMENT LOCATION OF EACH BENCH AND RE-INSTALL AFTER FLOOR TILE INSTALLATION IN SAME LOCATION. PRIOR TO INSTALLATION PAINT METAL SUPPORT BASES OF EACH BENCH.
  - 14. REMOVE EXISTING METAL LOCKERS IN THEIR ENTIRETY. CONCRETE BASE TO REMAIN. INSTALL NEW METAL LOCKERS WITH SLOPED TOPS IN SAME LOCATION AS LOCKERS REMOVED. REFER TO LOCKER SCHEDULE AND SPECIFICATIONS FOR TYPES.
  - 15. REMOVE EXISTING RECESSED PAPER TOWEL DISPENSER/DISPOSAL. INFILL OPENING WITH 1/2" MOISTURE/MOLD RESISTANT GYP. BD OVER 3/8" METAL STUDS. ALUGH FACE OF GYP. BD. WITH FACE OF EXISTING CERAMIC TILE.
- ALL PLUMBING, MECHANICAL OR ELECTRICAL DISCONNECTS SHALL BE MADE BY THE RESPECTIVE TRADES. ALL EQUIPMENT, DEVICES, FIXTURES, ETC. SHALL BE REMOVED FROM THE SITE BY THE RESPECTIVE CONTRACTOR. NOTE: THE EXISTING FIRE ALARM SYSTEM SHALL NOT BE DIMINISHED NOR SHALL EXISTING FIRE ALARM DEVICES BE REMOVED DURING CONSTRUCTION. ALL DEVICES ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.



**DEMOLITION PLAN - BOY'S TOILET B130, GIRL'S TOILET B131, TOILET 133, TOILET 134**  
Scale : 1/4" = 1'-0"

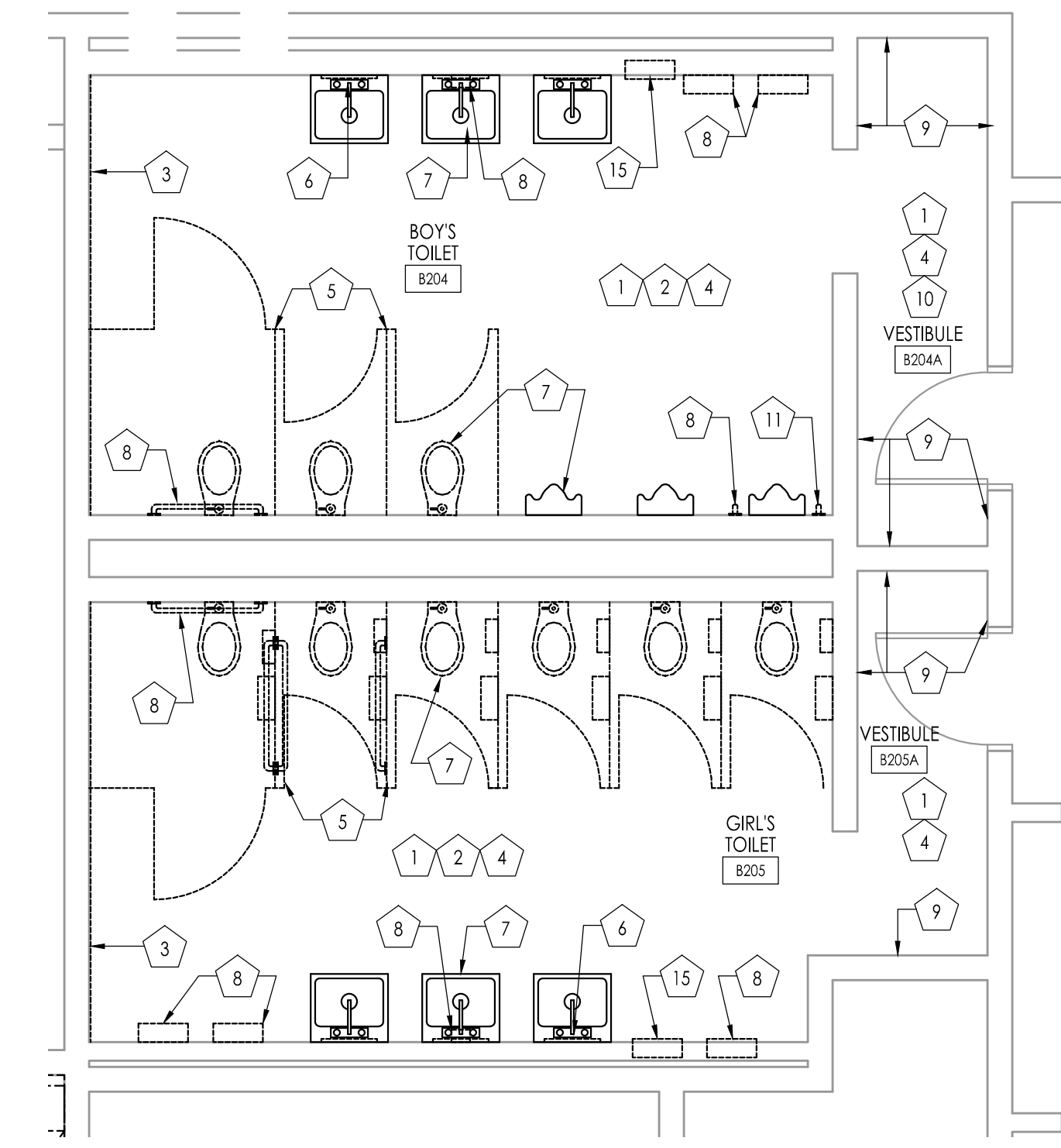
**CONSTRUCTION KEY LEGEND**

RENOVATION ARE DESIGNED UNDER THE NEW JERSEY REHABILITATION SUB-CODE.

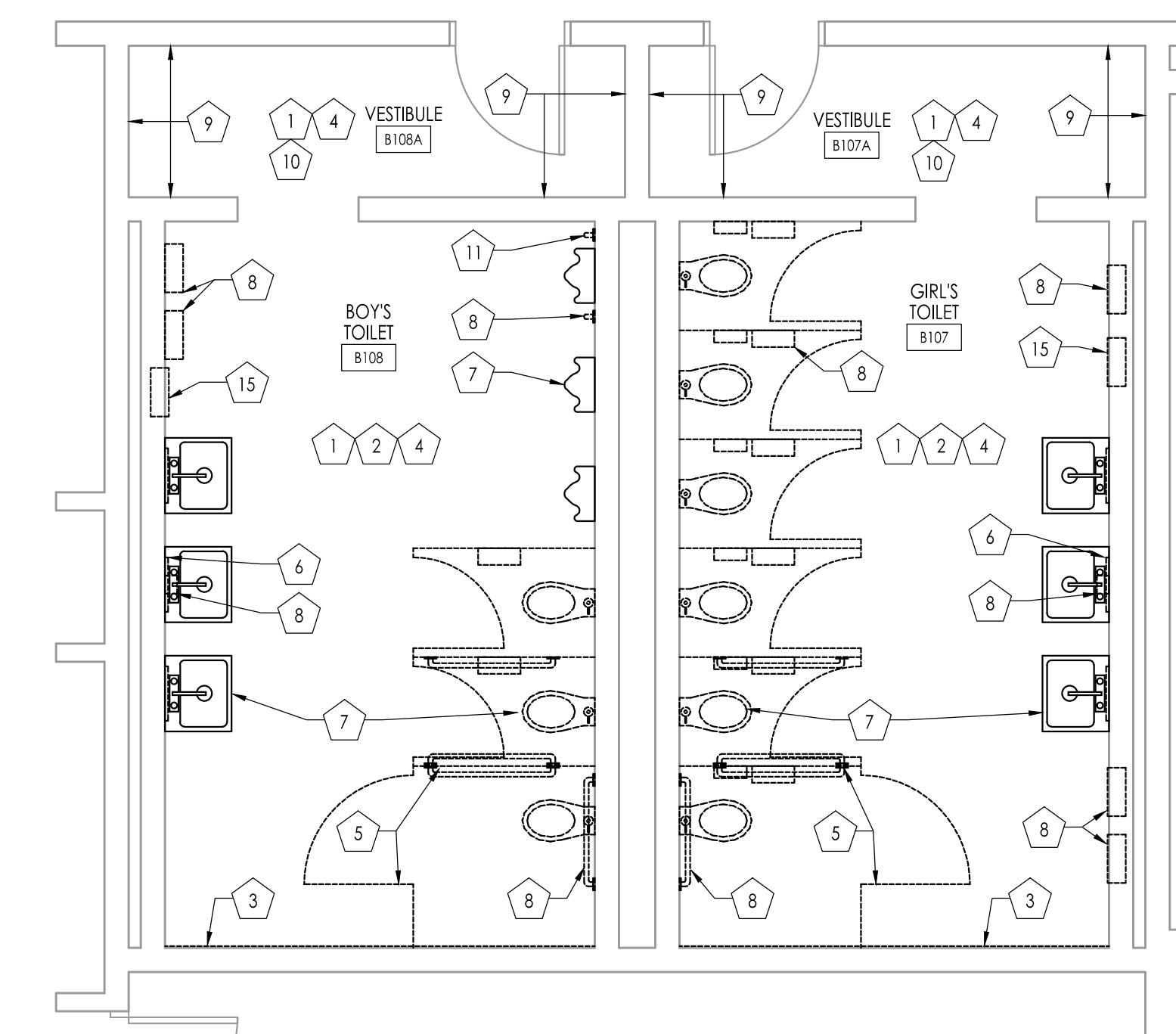
**APPLICABLE CODES:**

THIS PROJECT WAS DESIGNED UNDER THE FOLLOWING CODES:

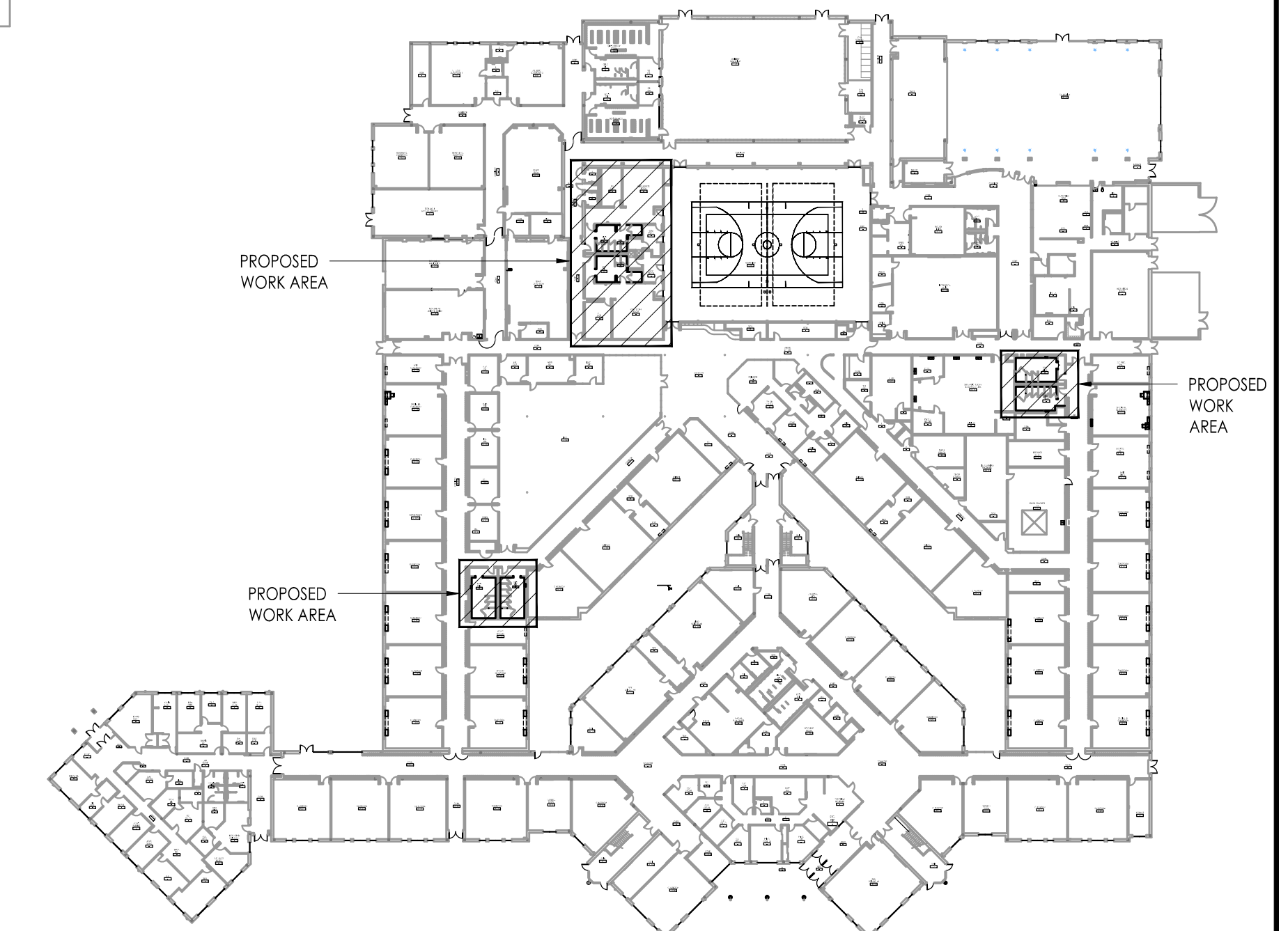
CONSTRUCTION CODE (RENOVATION) - NEW JERSEY REHABILITATION SUBCODE S-23-6  
 BUILDING SUBCODE - INTERNATIONAL BUILDING CODE 2015 - NJ EDITION  
 BARRIER-FREE SUBCODE - N.J.A.C. 5:23-7 AND ICC-ANSI A117.1-2009  
 PLUMBING SUBCODE - NATIONAL STANDARD PLUMBING SUBCODE 2015  
 MECHANICAL SUBCODE - INTERNATIONAL MECHANICAL CODE 2015  
 ELECTRICAL SUBCODE - NATIONAL ELECTRICAL CODE 2014  
 FUEL GAS SUBCODE - INTERNATIONAL FUEL GAS CODE 2015  
 ENERGY CONSERVATION SUBCODE - ASHRAE 90.1 2013



**DEMOLITION PLAN - BOY'S TOILET B204, GIRL'S TOILET B205**  
Scale : 1/4" = 1'-0"



**DEMOLITION PLAN - GIRL'S TOILET B107, BOY'S TOILET B108**  
Scale : 1/4" = 1'-0"



**BUILDING KEY PLAN**  
Scale : NOT TO SCALE

JOHN J. VEIZ, AIA, CSQA  
 NY-21486600 / PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NY-21484200 / PA-84202204  
 GEORGE K. DUTHIE JR., AIA, FP  
 NY-21482780  
 Date: 02/15/19  
 Architect

**FVHD** architects  
 planners  
 Fraytak Veisz Hopkins Duthie P.C.  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - Mont-Care - Pennsylvania 17433  
 F V H D P C - C O M

Project Name  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**1876 DENNIS FORMAN DR MAYS LANDING, NJ 08330**

Project Number  
**4937C**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**JMK**  
 Scale  
**AS NOTED**

Drawing Name  
**TOILET DEMOLITION PLANS**

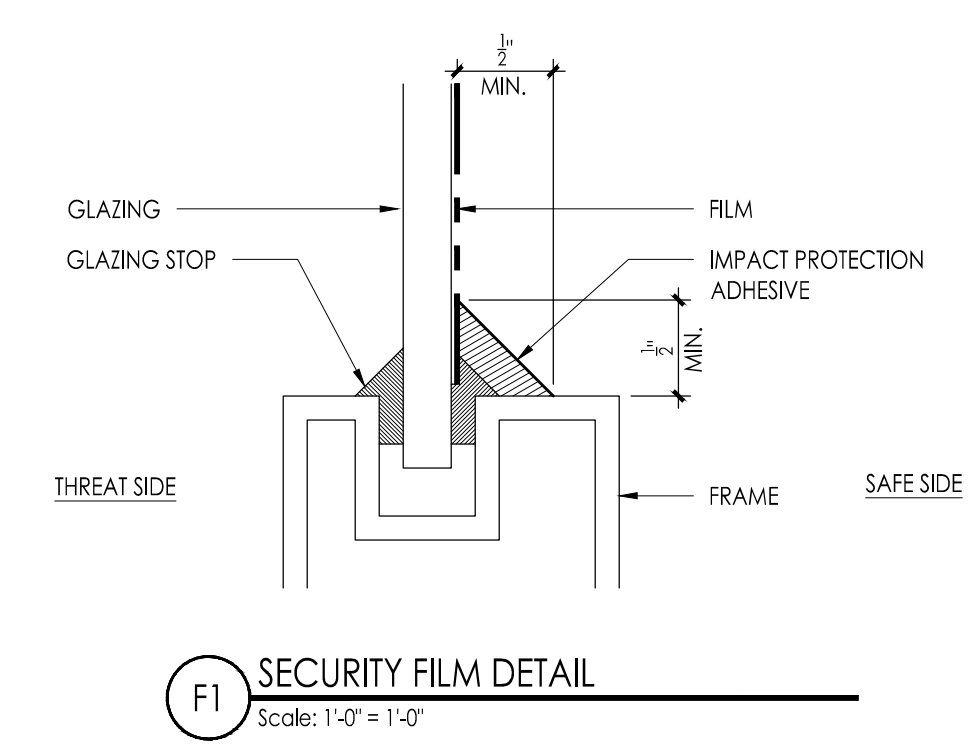
Revisions		
No.	Date	Description

Drawing Number  
**A101**

# DOOR / WINDOW SCHEDULE

## JOSEPH C. SHANER

DR NO	DOOR LOCATION	DOOR / WINDOW			FRAME		REMARKS
		SIZE	MAT.	GLASS	TYPE	MAT.	
S101	EXTERIOR ENTRY DOOR @ SECURITY VESTIBULE	x	FRP	ETR-F	A	AL	DOOR NOTE #
S102	EXTERIOR ENTRY DOOR @ SECURITY VESTIBULE	x	FRP	ETR-F	A	AL	DOOR NOTE #
S103	EXTERIOR ENTRY DOOR @ K2/K3 CORRIDOR	x	x	ETR-F	B	AL	DOOR NOTE #
S104	EXTERIOR ENTRY DOOR @ K7-K8 CORRIDOR	x	x	ETR-F	B	AL	DOOR NOTE #
S105	EXTERIOR ENTRY DOOR @ K9/1ST GRADE	x	x	ETR-F	C	AL	DOOR NOTE #
S106	EXTERIOR ENTRY DOOR @ LIBRARY/RESOURCE	x	x	ETR-F	E	AL	DOOR NOTE #
S107	EXTERIOR ENTRY DOOR @ ADMIN/1ST GRADE	x	x	ETR-F	F	AL	DOOR NOTE #
S108	EXTERIOR ENTRY DOOR @ SPECIAL ED/CAFETERIA	x	x	ETR-F	F	AL	DOOR NOTE #
S109	EXTERIOR ENTRY DOOR @ SPECIAL ED/1ST GRADE	x	x	ETR-F	G	AL	DOOR NOTE #
S110	EXTERIOR ENTRY DOOR @ SPECIAL ED/CAFETERIA	x	x	ETR-F	D	AL	DOOR NOTE #
S111	EXTERIOR ENTRY DOOR @ SPECIAL ED/SPECIAL ED15	x	x	ETR-F	B	AL	DOOR NOTE #

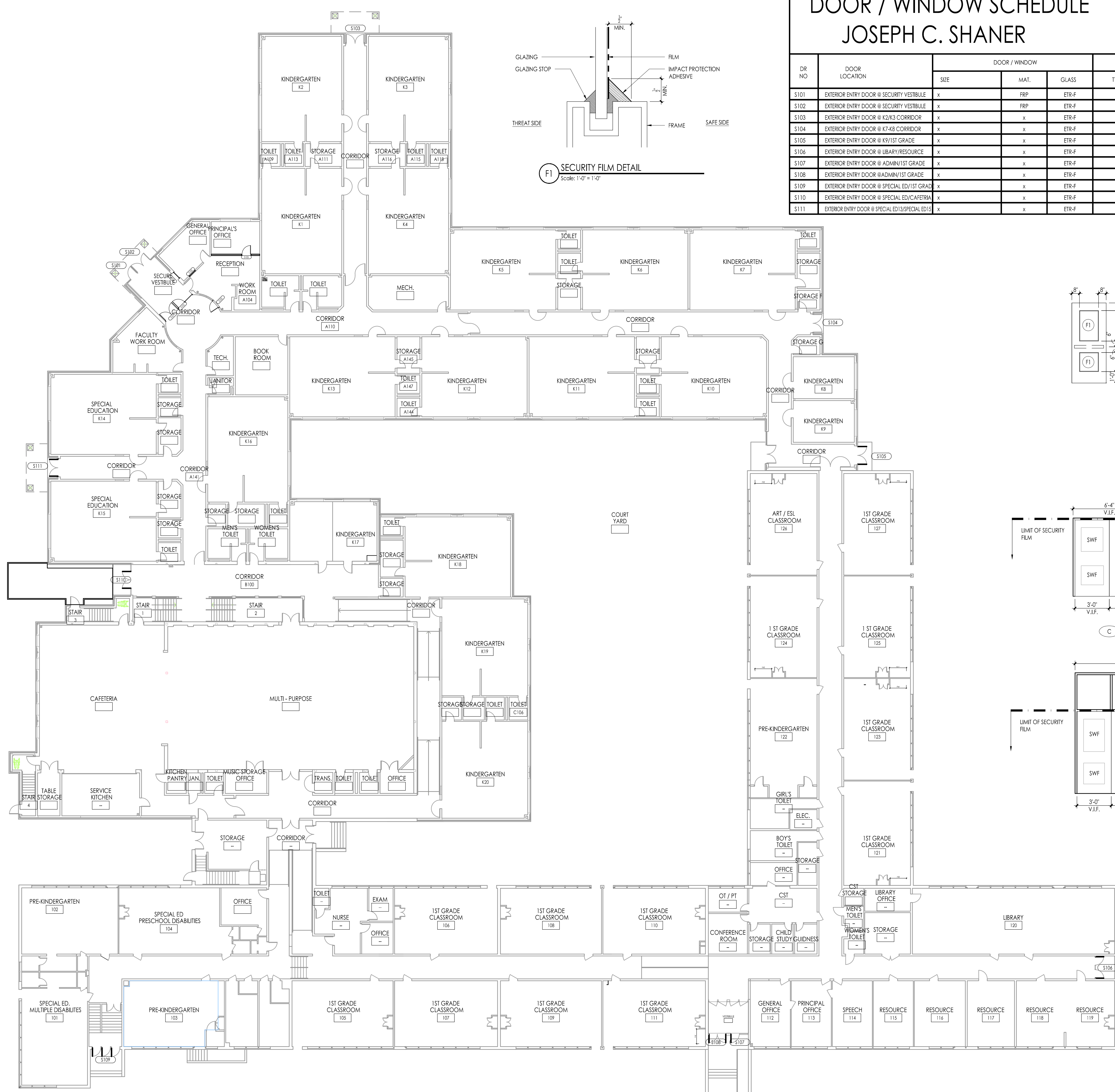


**DOOR SCHEDULE NOTES**

- INSTALL NEW WINDOW SECURITY FILM ON EXISTING GLAZING WHERE INDICATED BY ABBREVIATION "SWF" ON GLAZING PANELS IN EXISTING DOOR FRAMES. ALL SECURITY GLAZING TO BE INSTALLED ON SAFE SIDE OF FRAME SEE DETAIL F1. REFER TO EXISTING EXTERIOR FRAME TYPES AND FLOOR PLAN FOR EXTENT OF WORK.
- ALL AREAS OF GLAZING TO RECEIVE SECURITY FILM TO BE VERIFIED IN FIELD.

**ABBREVIATIONS**

ETR - EXISTING TO REMAIN  
SWF - SECURITY WINDOW FILM



**FLOOR PLAN**  
1/16"=1'-0"

**GENERAL DOOR / WINDOW NOTES**

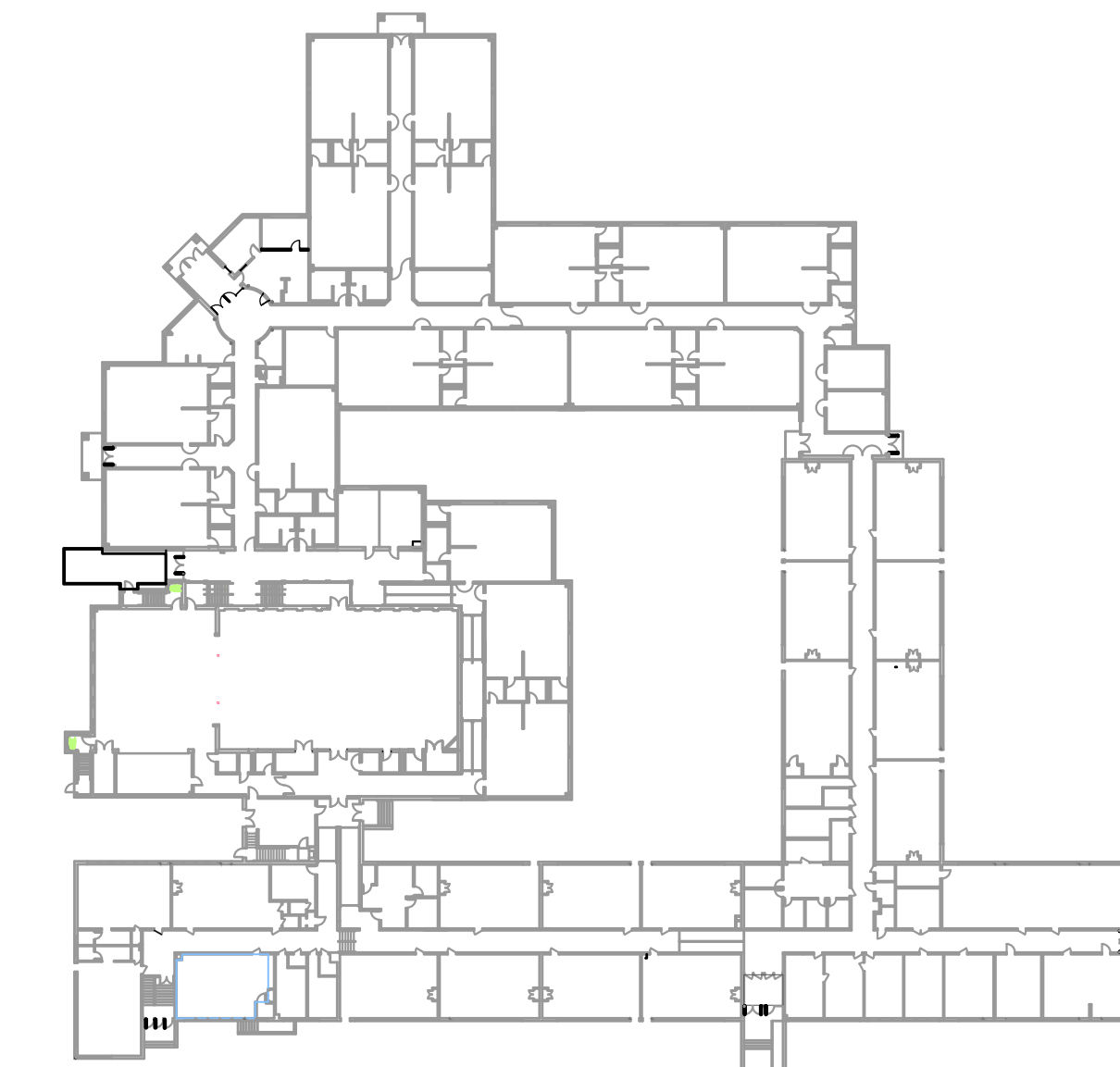
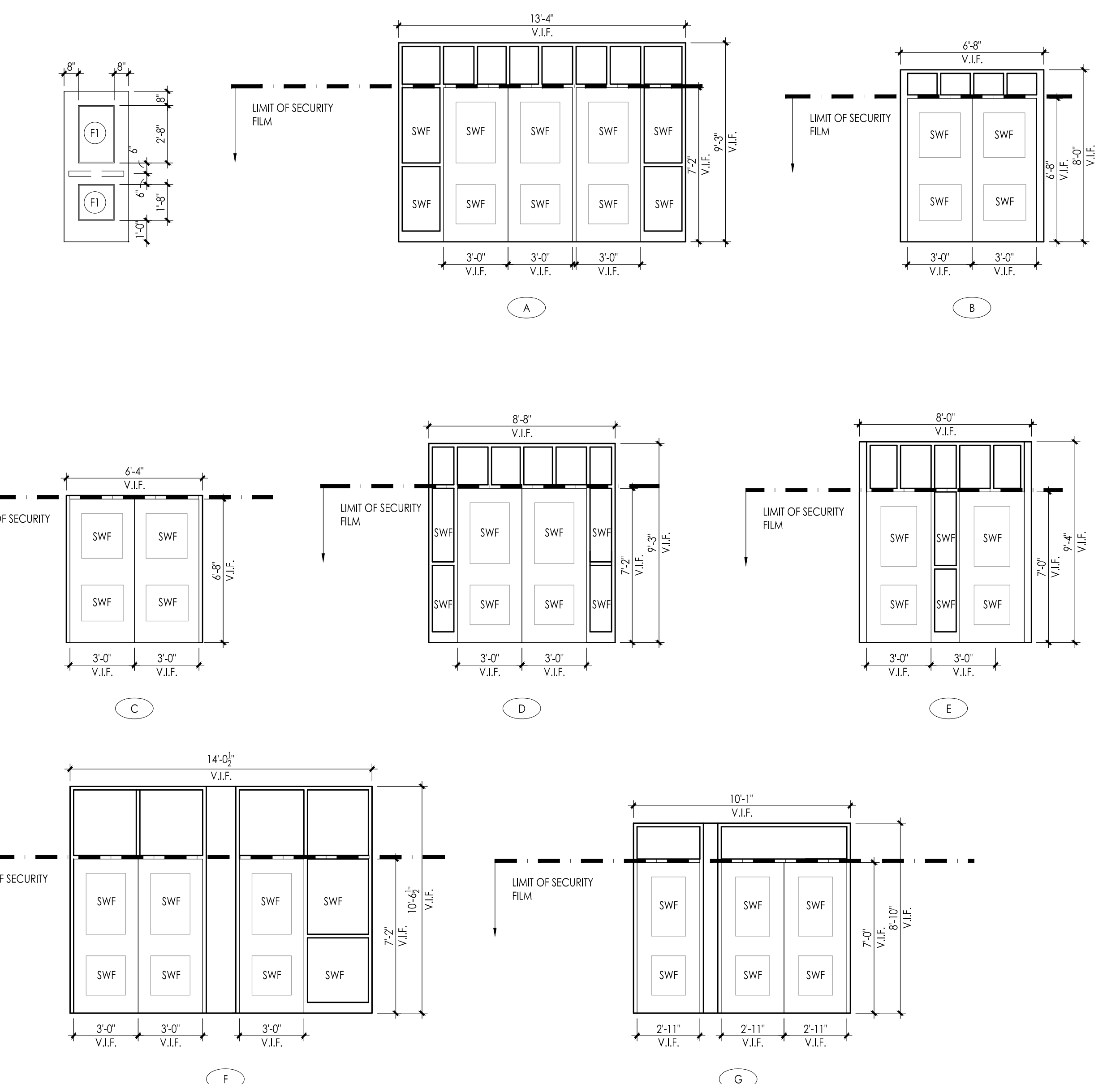
- SEE DOOR AND FRAME ELEVATION TYPES ON THIS DRAWING.
- ALL DOORS ARE ##### THICK UNLESS OTHERWISE NOTED.
- ALL DIMENSIONS ARE APPROXIMATE AND SHOULD BE VERIFIED IN FIELD.

**DOOR / WINDOW SCHEDULE NOTES**

- SECURITY FILM TO BE APPLIED TO LIMIT LINE SEE FRAME TYPE.
- ALL AREAS OF GLAZING TO RECEIVE SECURITY FILM AREA TO BE VERIFIED IN FIELD.

**DOOR / WINDOW ABBREVIATIONS**

AL - ALUMINUM  
BR - BALLISTIC RATED  
BFG - BALLISTIC RATED GLAZING  
ETR - EXISTING TO REMAIN  
ETR-F - EXISTING TO REMAIN / W/ APPLIED SECURITY FILM  
ETR-MF - EXISTING TO REMAIN / VERIFY IN FIELD  
FRP - FIRE-RESISTANT REINFORCED POLYESTER  
HM - HOLLOW METAL  
SHM - SECURITY HOLLOW METAL  
PNT - PAINT  
TPG-F - TEMPERED PLATE GLASS W/ SECURITY WINDOW FILM  
n/a - NOT APPLICABLE



**KEY PLAN**  
1/64"=1'-0"

**FVHD architects planners**  
Fraytak Veisz Hopkins Dutrie P C  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont Clear - Pennsylvania 19403

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330

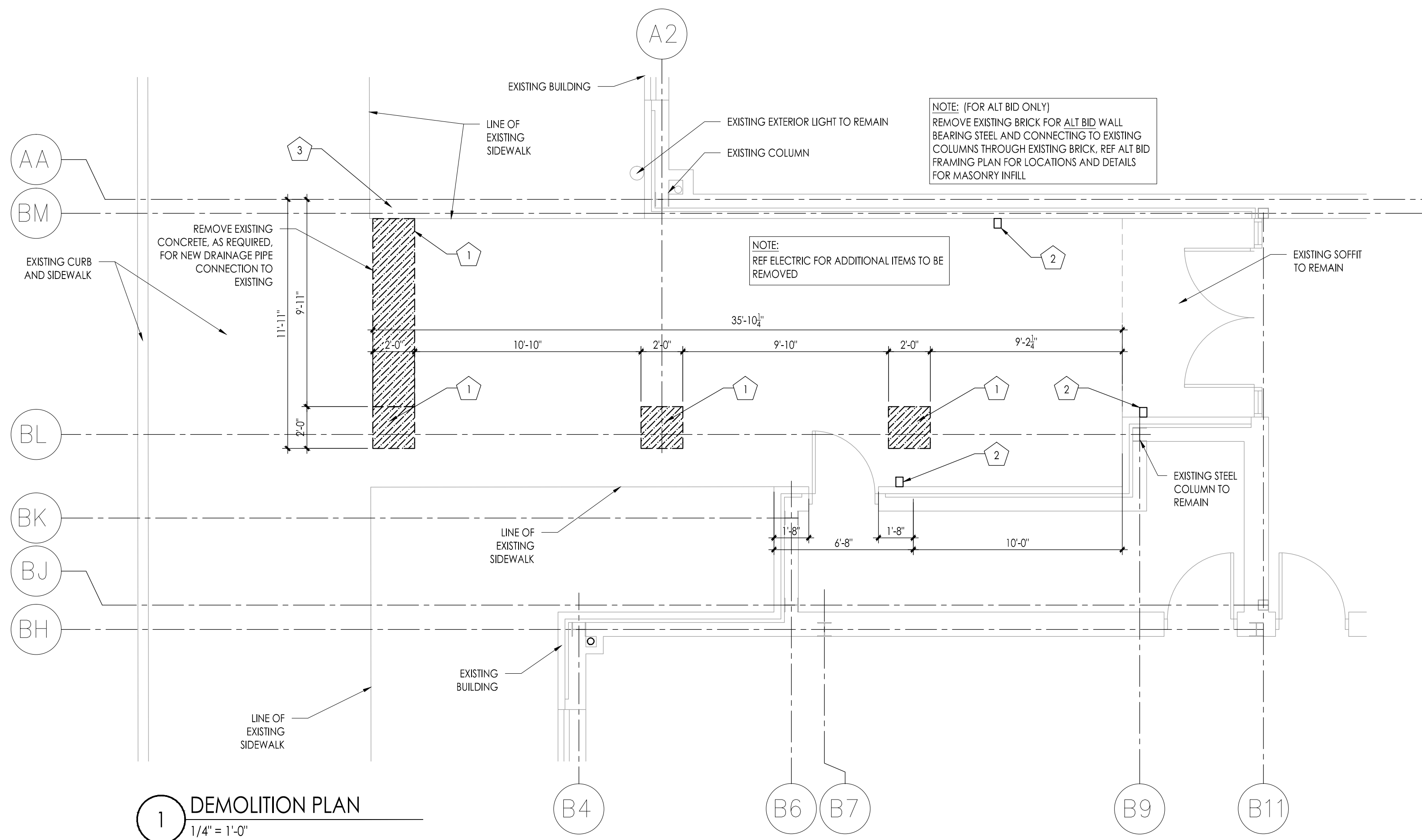
Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: KM  
Scale: AS NOTED

Drawing Name: SECURITY GLAZING DOOR SCHEDULE

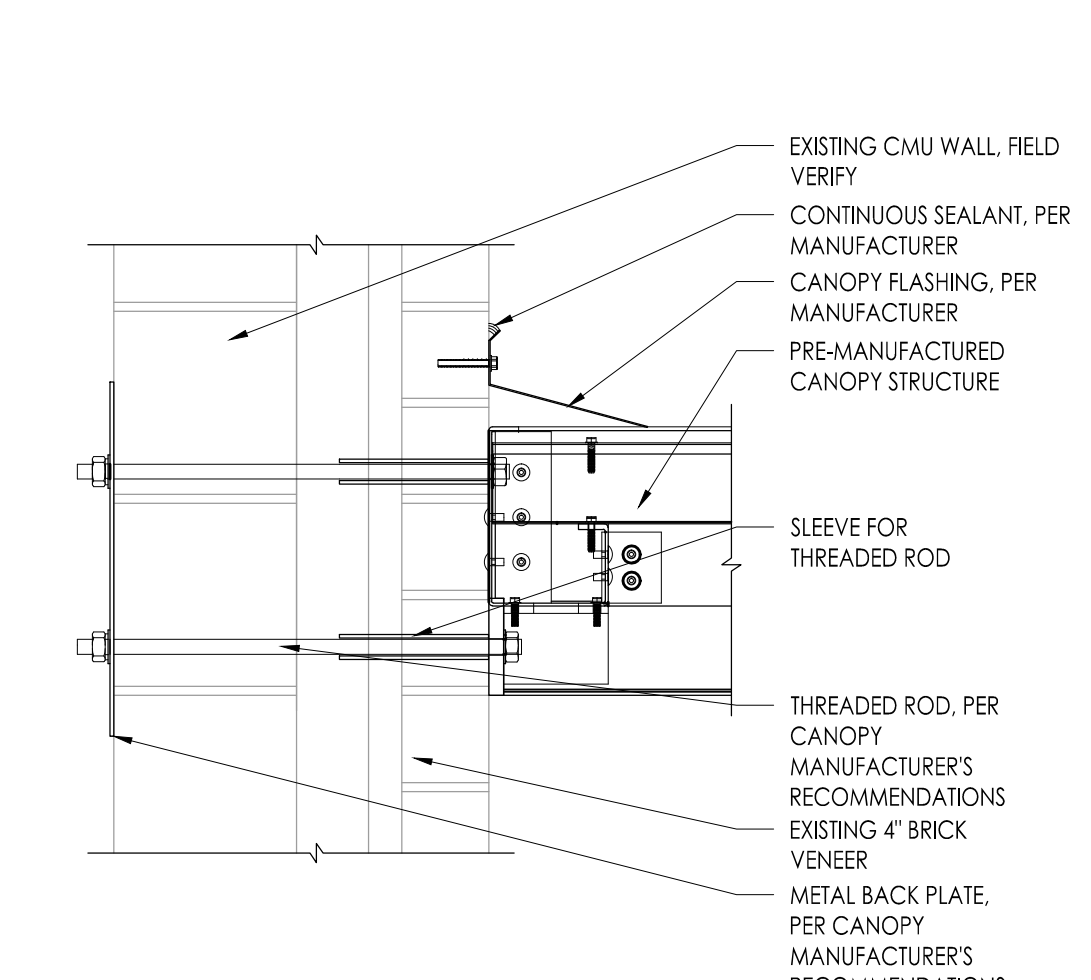
Revisions:  
No. Date Description

Drawing Number: A102

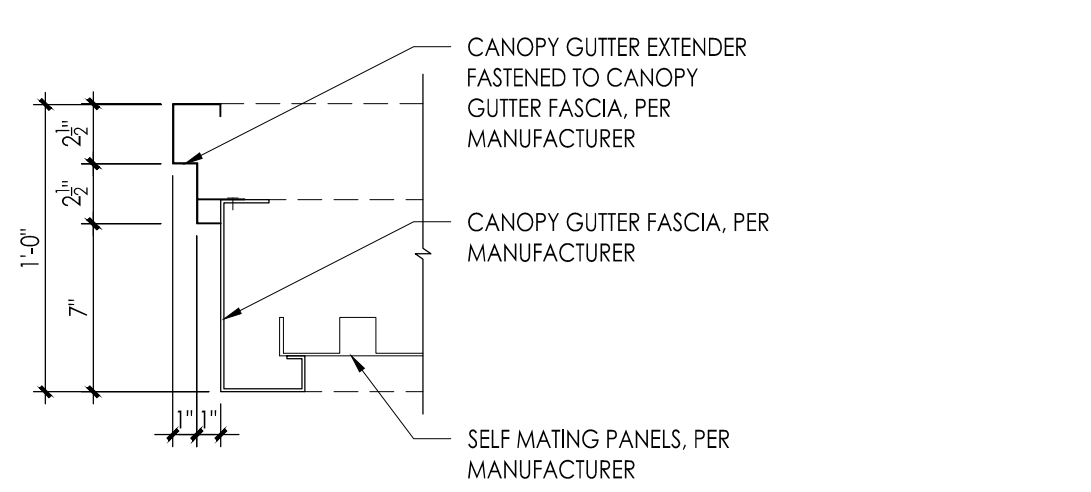




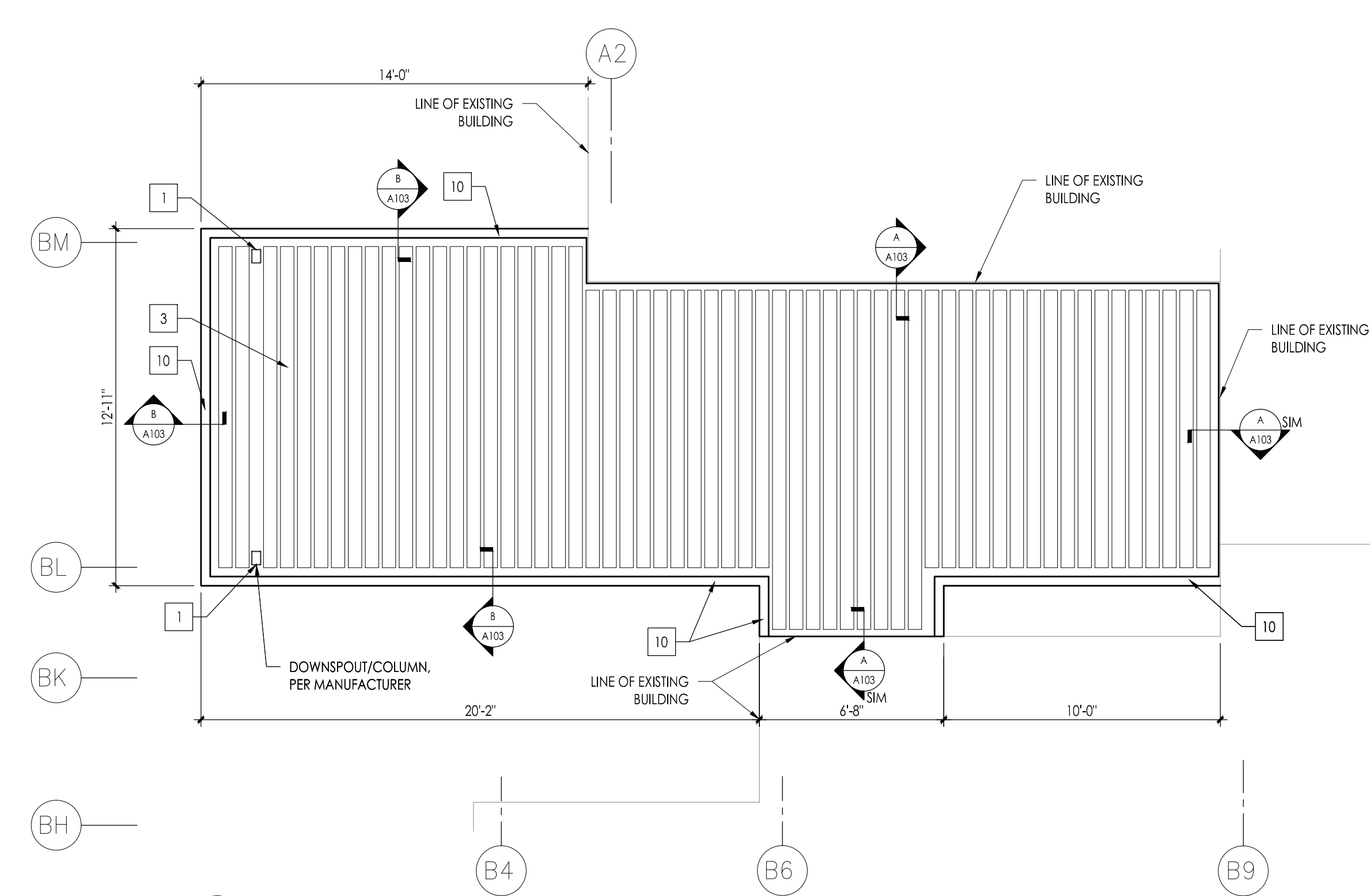
**1 DEMOLITION PLAN**  
1/4" = 1'-0"



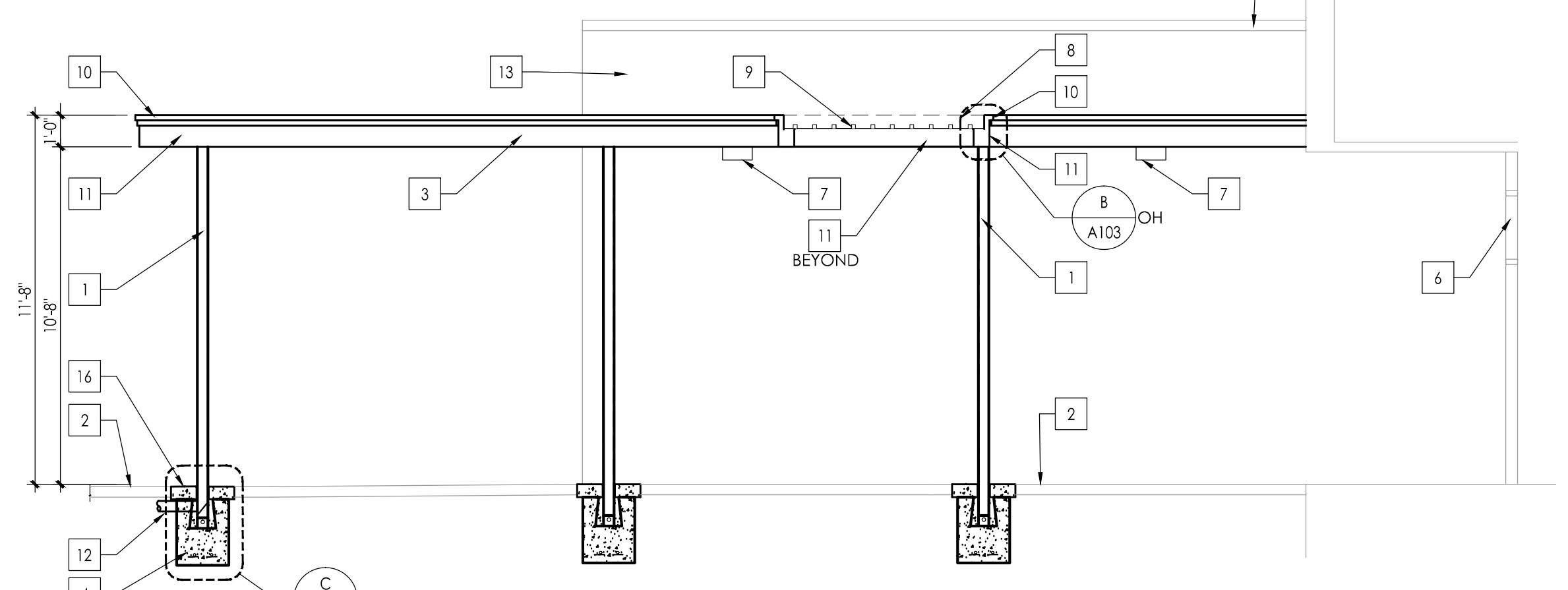
**A CANOPY CONNECTION/FLASHING DETAIL**  
Scale: 1-1/2" = 1'-0"



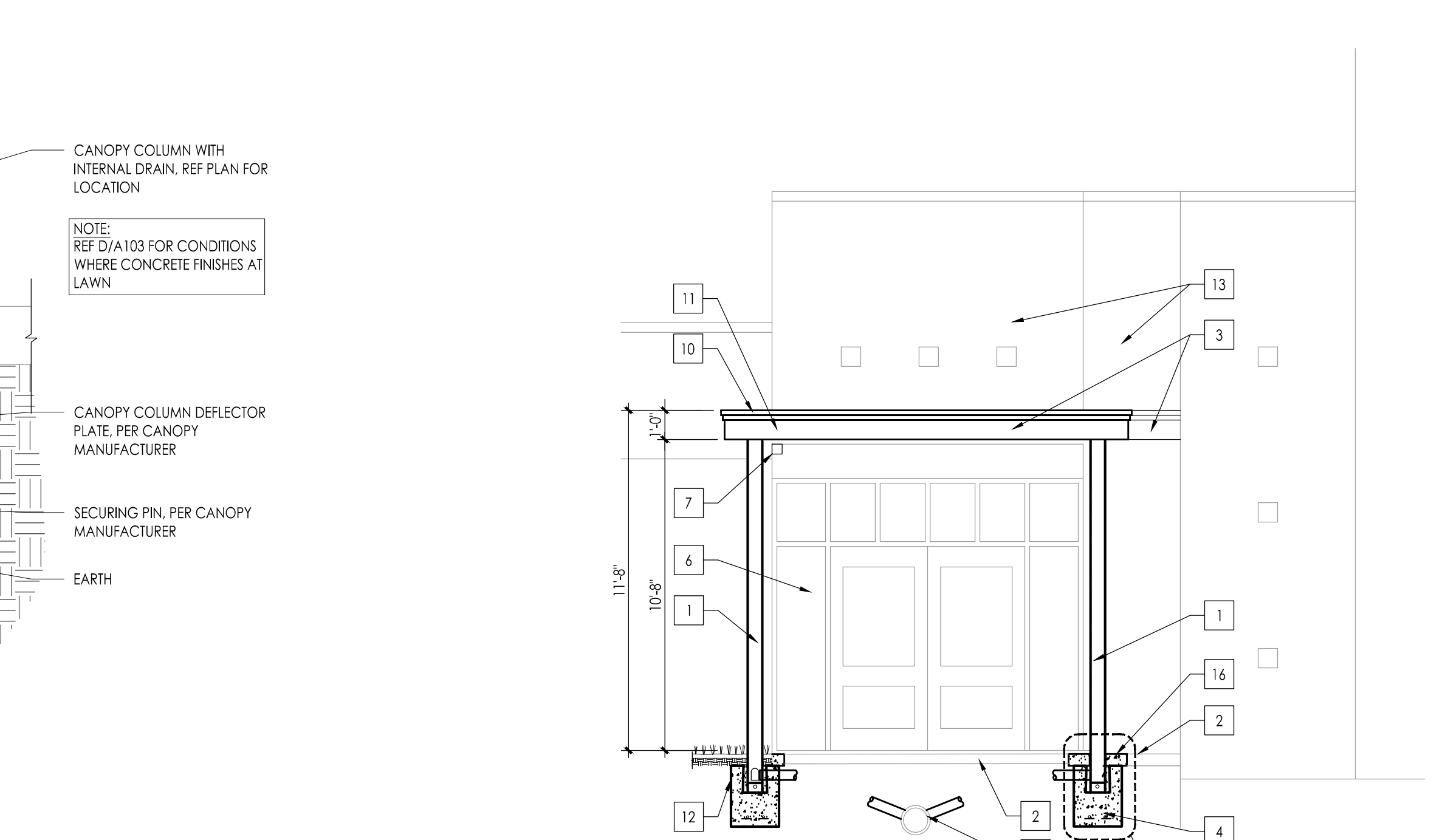
**B CANOPY EDGE DETAIL**  
Scale: 1-1/2" = 1'-0"



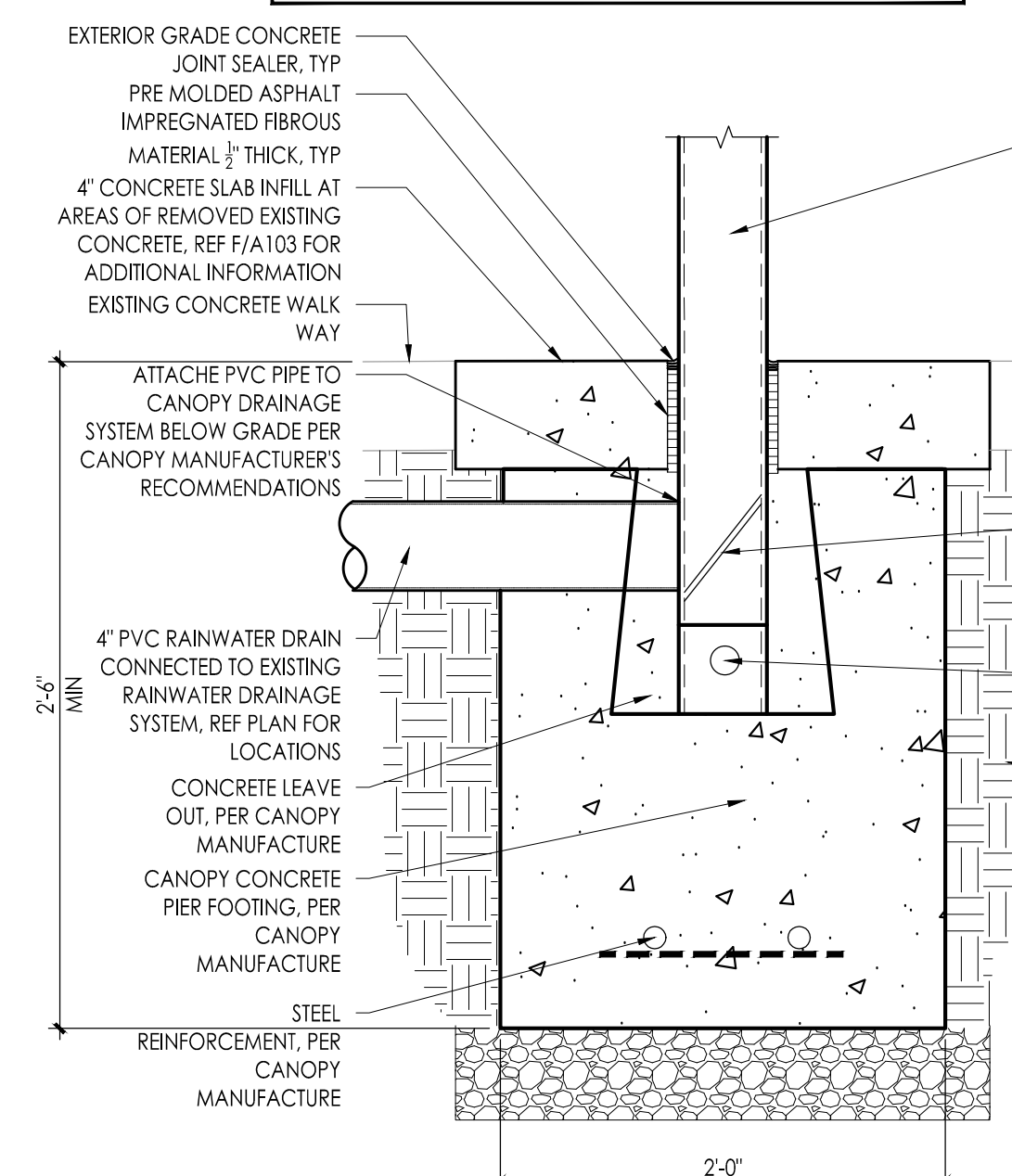
**3 ROOF PLAN**  
1/4" = 1'-0"



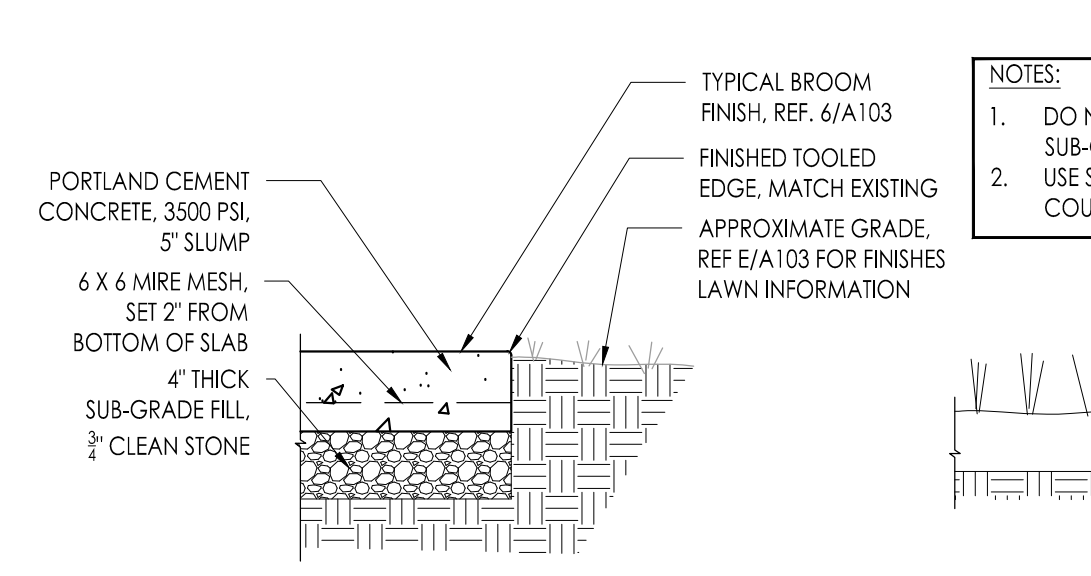
**4 SIDE ELEVATION**  
1/4" = 1'-0"



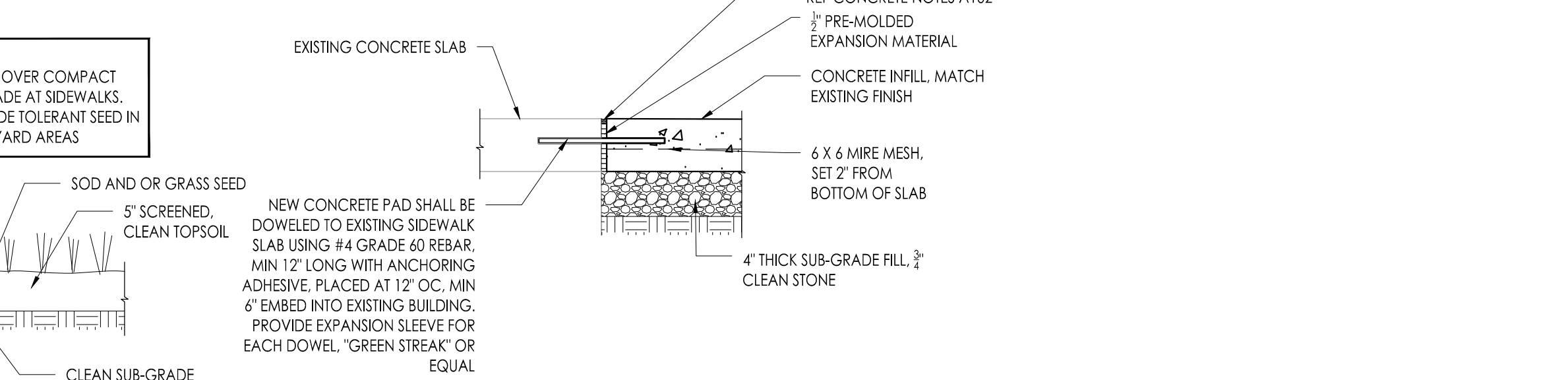
**5 FRONT ELEVATION**  
1/4" = 1'-0"



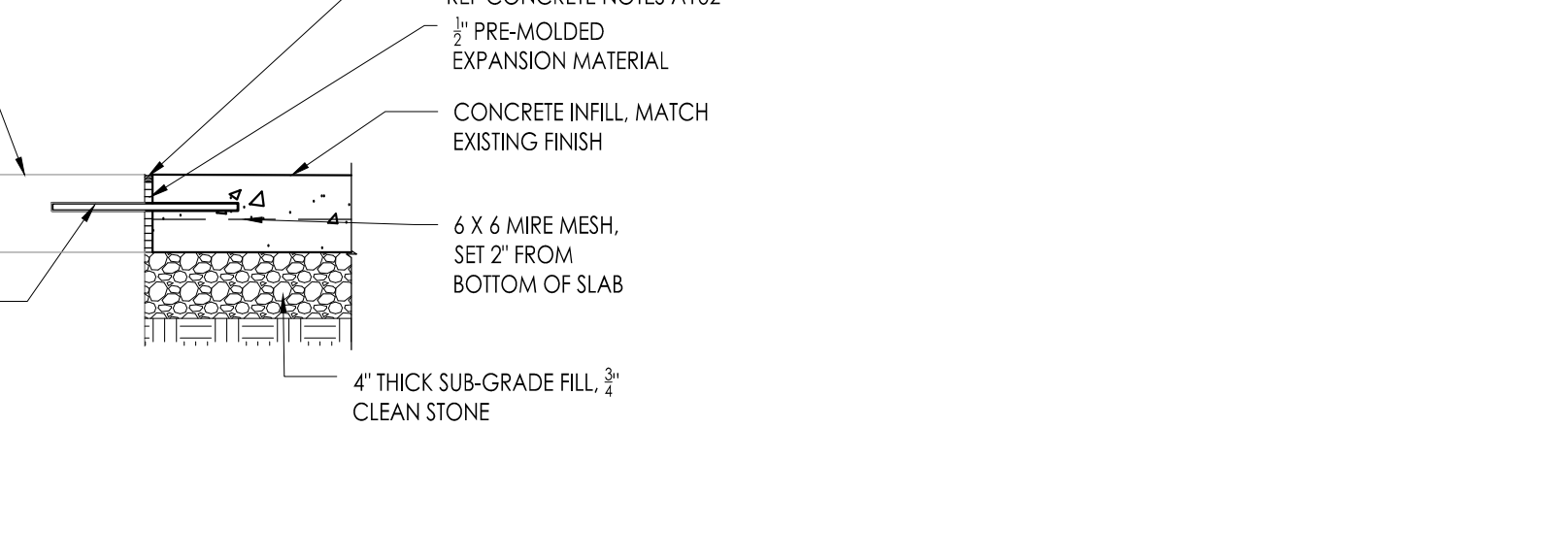
**C CANOPY CONCRETE PIER DETAIL**  
Scale: 1-1/2" = 1'-0"



**D CONCRETE EDGE DETAIL**  
Scale: 1" = 1'-0"



**E LAWN DETAIL**  
Scale: 1" = 1'-0"



**F CONCRETE TIE-IN TO EXISTING**  
Scale: 1" = 1'-0"

**GENERAL DEMOLITION NOTES:**

- A. CONTRACTORS ARE ADVISED TO VISIT THE SITE AND VERIFY ALL AREAS AND CONDITIONS PRIOR TO SUBMITTING THEIR BIDS. THE CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCIES AND/OR OMISSIONS IN WRITING AT LEAST SEVEN DAYS PRIOR TO THE RECEIPT OF BIDS. FAILURE TO SO NOTIFY THE ARCHITECT INDICATES THAT ANY ADDITIONAL COSTS ASSOCIATED WITH THE DISCREPANCIES AND/OR OMISSIONS ARE INCLUDED IN THE CONTRACTOR'S BID AND THAT NO CHANGE TO THE CONTRACT AMOUNT WILL BE MADE AFTER THE RECEIPT OF BIDS OR THE AWARD OF CONTRACTS.
- B. ALL ELECTRICAL DISCONNECTS SHALL BE MADE BY THE RESPECTIVE TRADES. ALL EQUIPMENT, DEVICES, FIXTURES, ETC., SHALL BE REMOVED FROM THE SITE BY THE RESPECTIVE CONTRACTOR.
- C. UNLESS NOTED OTHERWISE ALL DEMOLITION MATERIAL SHALL BE REMOVED OFF SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- D. NOT USED
- E. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT PORTIONS OF THE EXISTING CONSTRUCTION WHICH ARE ADJACENT TO AREAS TO BE DEMOLISHED. MAKE ALL CUTS AS NEATLY AS POSSIBLE. REFER TO FLOOR PLAN DRAWINGS FOR FINISHING OF THESE AREAS.
- F. IF NOT OTHERWISE NOTED OR DETAILED, ALL SURFACES LEFT ROUGH OR UNFINISHED BY DEMOLITION AND WHICH ARE EXPOSED TO VIEW, SHALL BE PATCHED TO MATCH ADJACENT SURFACES AND FINISHED TO PROVIDE A UNIFORM APPEARANCE WITH REGARD TO SIZE, SHAPE, COLOR, TEXTURE AND MATERIAL.
- G. THE CONTRACTOR SHALL PROVIDE A PHYSICAL BARRIER TO CONTAIN DUST AND DIRT AROUND THE DEMOLITION AREA AND SHALL MAKE EVERY EFFORT TO KEEP THE DEMOLITION SITE AND SURROUNDING AREAS AS CLEAN AS POSSIBLE.
- H. NO DEMOLITION SHALL BEGIN UNTIL PROPER PROTECTION IS IN PLACE AND APPROVED BY ARCHITECT & OWNER TO ENSURE THE SAFETY OF THE PUBLIC, THE BUILDING OCCUPANTS, CONSTRUCTION WORKERS AND TO CONTAIN DUST AND DIRT WITHIN THE AREA OF DEMOLITION.
- I. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS REGARDING THE REMOVAL AND DISPOSAL OF ALL MATERIALS & EQUIPMENT.
- J. THE CONTRACTOR SHALL PROVIDE PROTECTION AGAINST INCREMENT WEATHER FOR THE EXISTING BUILDING DURING THE INTERIM PERIOD BETWEEN DEMOLITION AND THE COMPLETION OF NEW CONSTRUCTION.
- K. THE CONTRACTORS SHALL TAKE INTO ACCOUNT THEIR METHODS OF CONSTRUCTION FOR THE NEW WORK AND INCLUDE IN THEIR BID THE COST OF ADDITIONAL DEMOLITION WORK NECESSARY TO FACILITATE THE CONSTRUCTION. THIS WORK INCLUDES, BUT IS NOT LIMITED TO: THE AREA AROUND JOINTS BETWEEN NEW AND EXISTING CONSTRUCTION IN WALLS, FLOORS AND CEILINGS, AREAS OF SIDEWALKS, LAWN, ETC.. MUCH OF THIS WORK IS INDICATED IN SECTIONS AND DETAILS RELATING TO THE NEW CONSTRUCTION.
- L. THE DEMOLITION WORK SHOWN ON THIS PLAN IS INTENDED TO BE A GENERAL OVERVIEW OF MAJOR DEMOLITION WORK REQUIRED. IT IS NOT A COMPLETE AND EXCLUSIVE REPRESENTATION OF ALL DEMOLITION WORK NEEDED FOR EXECUTION OF THE PROJECT. WHEN PREPARING THEIR BIDS, CONTRACTORS MUST REFER TO THE FULL SET OF CONSTRUCTION DOCUMENTS FOR VARIOUS MISCELLANEOUS ITEMS WHICH MUST BE REMOVED AND/OR RELOCATED AS PART OF THE WORK.
- M. ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN CUTTING AND PATCHING-SEE SPECIFICATION.

**DEMOLITION KEYNOTE LEGEND:**

1	REMOVE (SAW CUT WITH STRAIGHT LINES, TYP.) PORTION OF EXISTING CONCRETE SIDEWALK, REF. A102 FOR FULL EXTENT OF NEW CONSTRUCTION.
2	REMOVE EXISTING LIGHT FIXTURE, ALL EXISTING WIRING AND CONDUIT NO LONGER REQUIRED SHALL BE REMOVED BACK TO NEAREST BOX. REUSE ALL EXISTING CONCEALED CONDUIT AND RECESSED DEVICE BOXES WHERE POSSIBLE.
3	REMOVE PORTION OF EXISTING LAWN, AS REQUIRED FOR NEW CONSTRUCTION. REPLACE REMOVED LAWN TO MATCH EXISTING. REF. 6-A103 FOR ADDITIONAL INFORMATION.

**KEYNOTE LEGEND:**

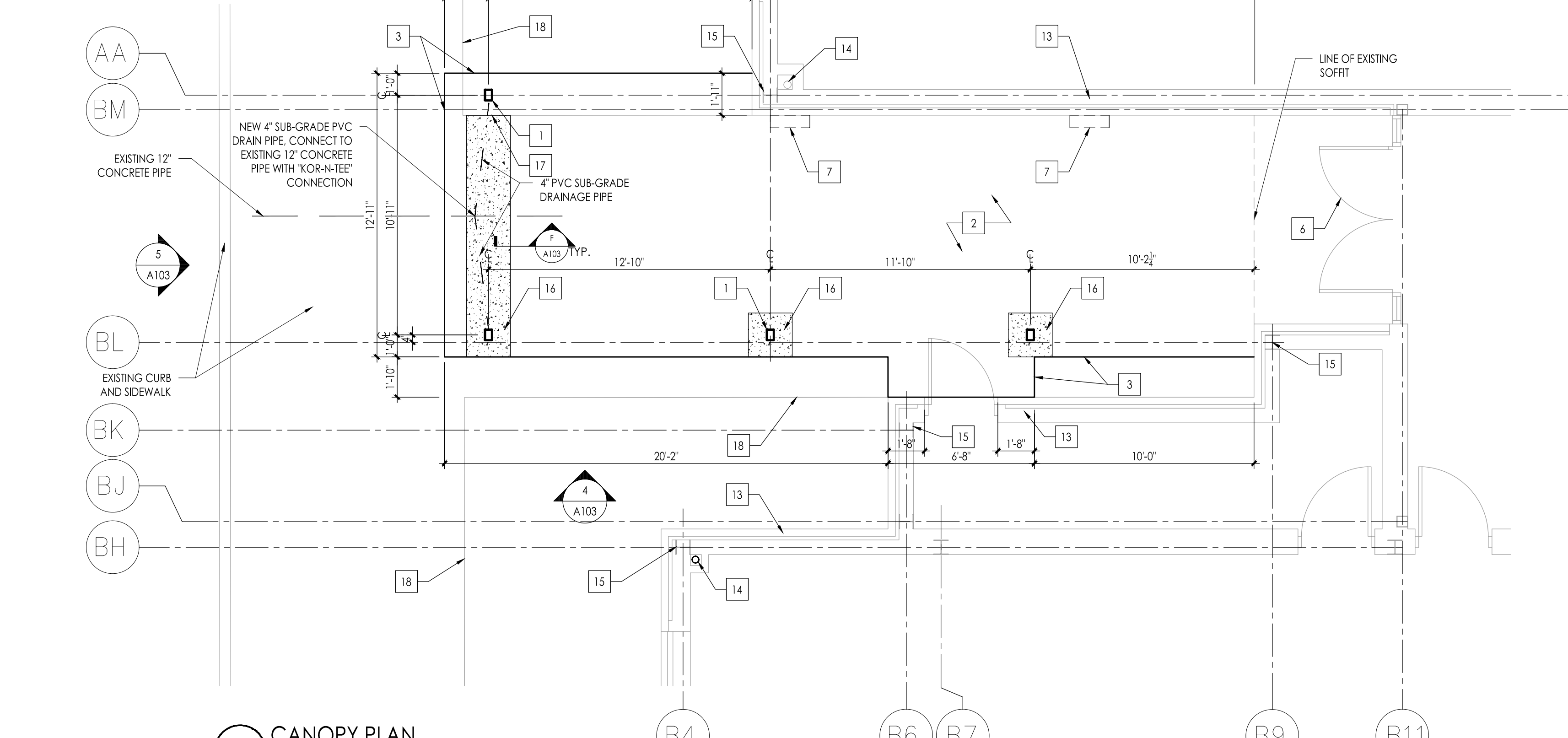
1	CANOPY COLUMN WITH INTERNAL DOWNSPOUT, PER MANUFACTURER
2	EXISTING CONCRETE WALK TO REMAIN
3	PRE-MANUFACTURED CANOPY SYSTEM, REF. PLAN FOR COLLUMS WITH INTERNAL DOWNSPOUT
4	CONCRETE CANOPY FOOTINGS WITH STEEL REINFORCEMENT, REF. 6/A103
5	EXISTING CONCRETE DRAINAGE SYSTEM, CONNECT NEW 4\"/>
6	EXISTING STOREFRONT SYSTEM TO REMAIN
7	NEW WALL MOUNTED LIGHT, REF. ELECTRIC
8	CANOPY FLASHING BEYOND, REF. CANOPY ROOF PLAN
9	SELF-MATING PANELS, PER CANOPY MANUFACTURER
10	GUTTER EXTENDER, PER CANOPY MANUFACTURER, COLOR SELECTED BY ARCHITECT
11	GUTTER FASCIA, PER CANOPY MANUFACTURER, COLOR SELECTED BY ARCHITECT
12	4\"/>
13	EXISTING BUILDING, BRICK VENEER
14	EXISTING RAINWATER CONDUCTOR, FIELD VERIFY
15	EXISTING STEEL COLUMN, FIELD VERIFY
16	4\"/>
17	REF. 6/A103 FOR CONCRETE CONDITIONS AT EXISTING LAWN
18	LINE OF EXISTING CONCRETE SIDEWALK

- REINFORCING**
- ALL REINFORCING BAR DETAILS SHALL CONFORM TO THE LATEST ACI CODE AND DETAILING MANUAL.
  - ALL BARS SHALL BE ASTM A-615 GRADE 60.
  - WELDED WIRE FABRIC SHALL BE ASTM A-185.
  - CLEARANCE OF MAIN REINFORCEMENT FROM ADJACENT SURFACES, UNLESS SHOWN OTHERWISE, SHALL BE:
    - A) UNIFORM SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER.
    - B) BOTTOM SURFACE OF SLAB ON GRADE: 3"
    - C) FORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER: #5 BARS OR SMALLER: 1"
    - D) EXTERIOR WALL SURFACES: 2"
    - E) ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY ARCHITECT BEFORE CONCRETE IS POURED.
  - ELECTRICAL CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEM AS REQUIRED BY NEC SECTION 250-52c. COORDINATE LOCATION AND SCHEDULE WITH GENERAL CONTRACTOR.

- CONCRETE PIER NOTES:**
- ALL FOOTINGS SHALL BEAR ON SOIL HAVING A MINIMUM SAFE BEARING CAPACITY OF 2.5 TONS PER SQUARE FOOT.
  - DETAILS GIVEN CORRESPOND TO THE COMPUTED BOTTOM OF FOOTINGS AND ARE MINIMUM DEPTHS WHICH ARE NOT CONSIDERED AS LIMITED IN ANY WAY THE DEPTH REQUIRED TO REACH GOOD BEARING.
  - NO FOOTINGS SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
  - NO FILL OR BACK FILL SHALL BE PLACED OVER OR AGAINST AT SUCH TIME, OR IN A MANNER, WHICH WOULD ENDANGER THE STABILITY OR OTHERWISE DAMAGE SUCH WORK.
  - ALL CONCRETE, EXCEPT SLABS ON GRADE, SHALL ATTAIN 3000psi COMPRESSIVE STRENGTH AT 28 DAYS. ALL CONCRETE FOR SLABS ON GRADE SHALL ATTAIN 3500psi COMPRESSIVE STRENGTH AT 28 DAYS.

- MISCELLANEOUS**
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SECTIONS AND ELEVATIONS ON JOB.
  - CONSULT ALL OTHER DISCIPLINES DRAWINGS FOR VERIFICATION OF LOCATIONS AND DIMENSIONS OF INSERTS, OPENINGS, SLEEVES, WASHES REVEALS, EQUIPMENT PADS AND OTHER PRODUCT REQUIREMENTS.

- CONCRETE SLAB NOTES:**
- PORTLAND CEMENT CONCRETE TO BE 3500 PSI, 5\"/>
  - PROVIDE PREFORMED BITUMINOUS FIBER EXPANSION JOINTS 1/2\"/>
  - SAW CUTS SHALL BE CLEAN, UN-CHIPPED, AND STRAIGHT.
  - PROVIDE A SUMP RESISTANT BROOM-GROOVE FINISH, TYPICAL.
  - ALL CONCRETE WILL BE POURED ON CLEAN, COMPACTED SUB-GRADE, PER DETAILS.
  - ALL JOINT SEALANT SHALL BE INSTALLED IN A PROFESSIONAL AND WORKMAN LIKE MANNER, TRUE TO LINE AND NOT WAYER NOTICEABLY OUTSIDE OF JOINTS.
  - REF. DETAILS AND CANOPY SHOP DRAWINGS FOR STEEL RE-BAR SIZES AND LOCATIONS IN THICKENED CONCRETE SLABS.
  - ALL CONCRETE PADS WILL BE REINFORCED WITH 6X6 1.4/1.4 (10 GA) WIRE MESH, TYP.
  - ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF THE ACI BUILDING CODE.



**2 CANOPY PLAN**  
1/4" = 1'-0"

**FVHD architects planners**  
Fraytak Veisz Hopkins Dutrie P.C.  
Company: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont-Claire - Pennsylvania 17435

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330  
Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: BO  
Scale: AS NOTED  
Drawing Name: CANOPY PLANS SECTIONS AND DETAILS  
Drawing Number: A103

JOHN J. VEISZ, AIA, CSBA  
NO. 214866000 (PA) 64201818  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NO. 214866000 (PA) 64202520  
GEORGE K. DUTRIE JR., AIA, AP  
NO. 214866000

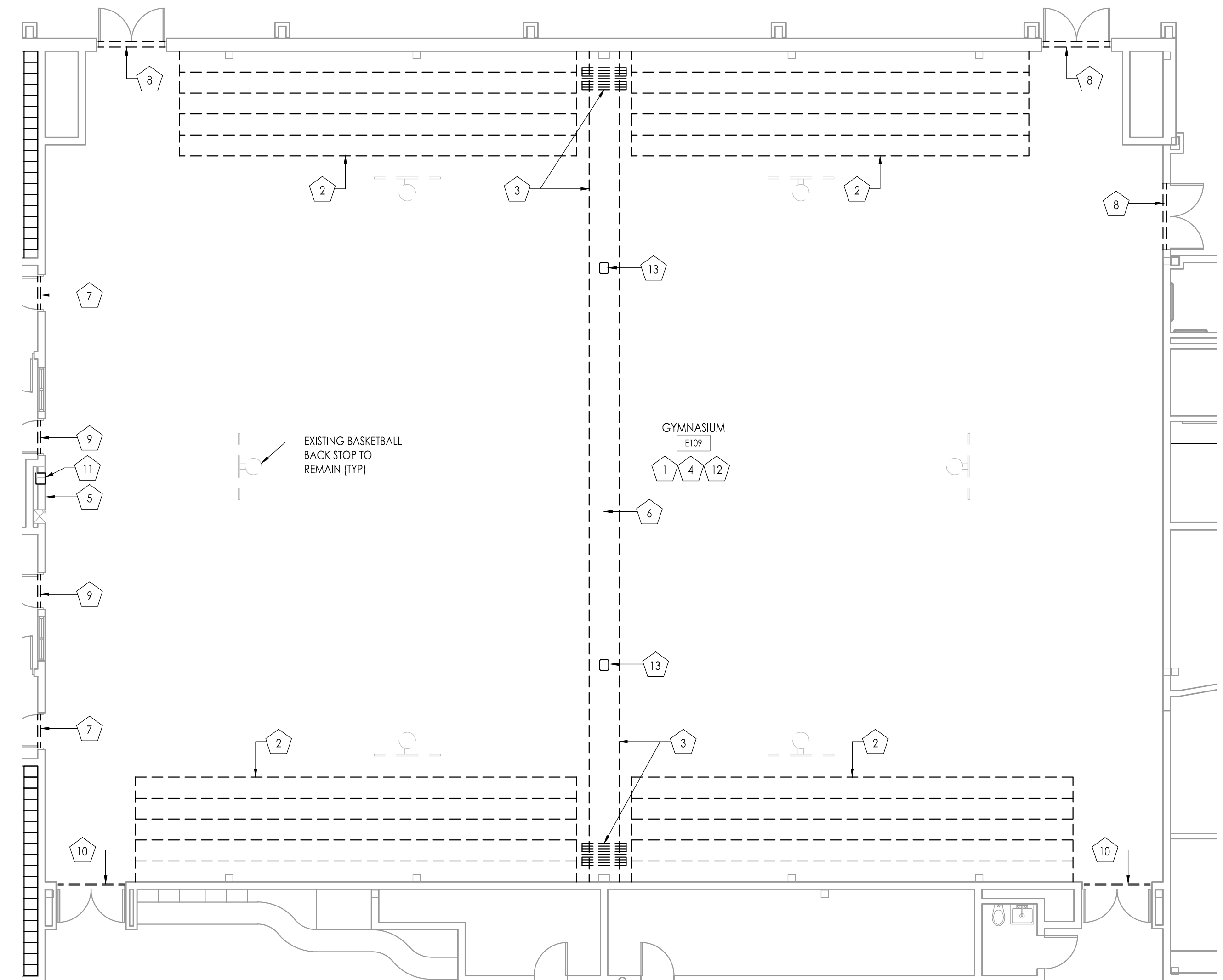
Author: [Signature]  
Date: [Blank]  
FVHD P.C. - C.O.M.

NOTES:  
UNLESS OTHERWISE SPECIFIED ON DRAWINGS PROVIDE & INSTALL LINTELS FOR ALL SQUARE HEAD MASONRY OPENINGS IN ALL MASONRY WALLS IN ACCORDANCE WITH THE FOLLOWING SCHEDULES & COMMENTS.

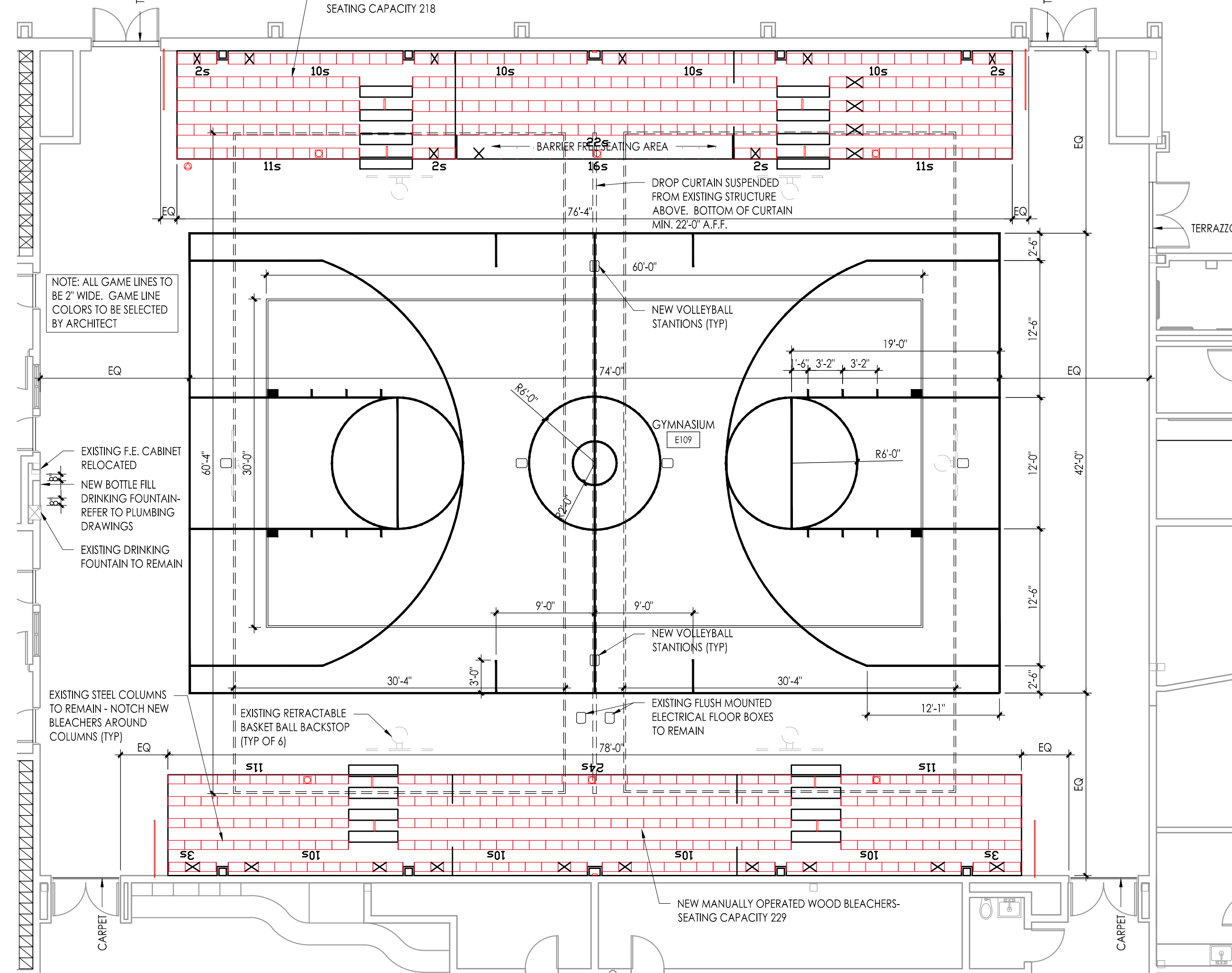
LOOSE LINTEL SCHEDULE ( FOR 4", 8", 12", & 16" WALLS )		
MASONRY OPENING	LINTEL SIZE	REMARKS
UP TO 4'-0"	L - 3 1/2" x 3 1/2" x 1/4"	
4'-1" TO 6'-0"	L - 5" x 3 1/2" x 5/16"	
6'-1" TO 8'-0"	L - 6" x 3 1/2" x 5/16"	
OVER 8'-0"	W 8" x 18" x 1/2"	

LOOSE LINTEL SCHEDULE ( FOR 6" WALLS )		
MASONRY OPENING	LINTEL SIZE	REMARKS
2'-0" TO 6'-0"	WT 7 x 11	
6'-1" TO 8'-0"	WT 8 x 13	

NOTES:  
1. PROVIDE ONE (1) ANGLE FOR EACH 4" OF MASONRY WIDTH.  
2. BEAR LINTELS 6" MINIMUM EACH SIDE OF OPENING.  
3. ALL LINTELS IN EXTERIOR WALLS TO BE GALVANIZED.  
4. WHERE OPENINGS LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH TO STRUCTURAL STEEL CONNECTION NOT TO PROTRUDE INTO OPENING.  
5. CONSULT ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR OPENING SIZE & LOCATION.



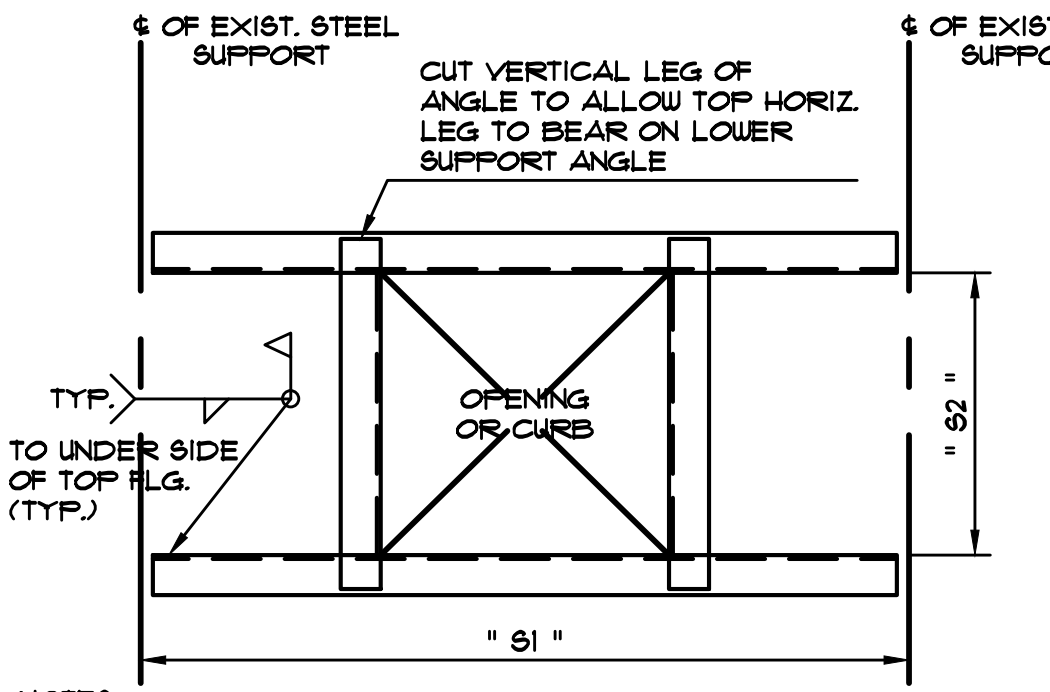
DEMOLITION PLAN - GYMNASIUM E109  
Scale: 1/8" = 1'-0"



NEW WORK PLAN - GYMNASIUM E109  
Scale: 1/8" = 1'-0"

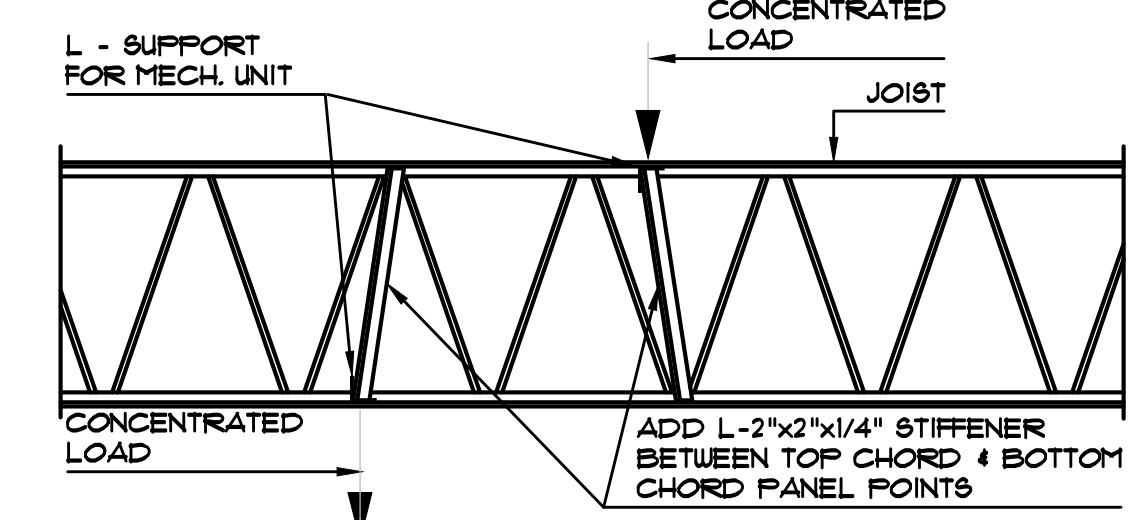
DEMOLITION / NEW CONSTRUCTION NOTES (GYMNASIUM RENOVATIONS):

- EXISTING GYM FLOOR AND WALL BASE TO BE REMOVED BY OTHERS. GENERAL CONTRACTOR WILL BE RESPONSIBLE FOR PREPARING EXISTING CONCRETE SLAB TO MANUFACTURERS REQUIREMENTS PER THE SPECIFIED NEW FLOOR FINISH.
  - EXISTING MANUALLY OPERATED WOOD BLEACHERS TO BE REMOVED IN THEIR ENTIRETY. PATCH ALL OPENINGS LEFT IN CMU WALL AFTER REMOVAL. INSTALL NEW MANUALLY OPERATED WOOD BLEACHERS. SEE NEW WORK PLAN FOR NEW BLEACHER LAYOUT.
  - EXISTING ELECTRICALLY OPERATED FOLDING PARTITION TO BE REMOVED IN ITS ENTIRETY INCLUDING ALL TRACKS AND SUPPORTING HANGERS. REMOVE EXISTING SOFFIT AND FACIA THAT SURROUNDS SUPPORT TRACK IN ITS ENTIRETY. STEEL SUPPORT STRUCTURE TO REMAIN. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
  - REMOVE EXISTING RUBBER BASE IN ITS ENTIRETY. ALL WALLS IN GYMNASIUM TO BE PAINTED FULL HEIGHT BY GENERAL CONTRACTOR. PROVIDE PROTECTION FROM PAINT ON ALL WALL MOUNTED ITEMS PRIOR TO PAINTING. ALL STEEL JOISTS, BRIDGES, BEAMS AND UNDERLIES OF METAL DECKING TO BE PAINTED BY MECHANICAL CONTRACTOR. REFER TO PHOTOGRAPHS ON DRAWING A104 FOR ADDITIONAL SCOPE OF PAINTING. INSTALL NEW 4" HIGH RUBBER BASE ON ALL WALLS.
  - NEW IN-WALL WATER BOTTLE FILLING STATION. CUT OPENING IN EXISTING MASONRY TO THE APPROPRIATE WIDTH AND HEIGHT TO ACCOMMODATE FILLING STATION. INSTALL APPROPRIATE SIZE STEEL LINTEL OVER NEW OPENING. INSTALL AT REQUIRED ADA HEIGHT. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.
  - INSTALL NEW ELECTRICALLY OPERATED DROP CURTAIN CENTERED IN GYMNASIUM. SUPPORT DROP CURTAIN FROM EXISTING STEEL STRUCTURE USED TO SUPPORT REMOVED FOLDING PARTITION. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
  - REMOVE EXISTING MARBLE SADDLE IN ITS ENTIRETY. INSTALL NEW MARBLE ADA SADDLE TO CONFORM TO ALL BARRIER FREE REQUIREMENTS.
  - REMOVE EXISTING ALUMINUM DOOR SADDLE IN ITS ENTIRETY. INSTALL NEW ALUMINUM ADA SADDLE TO MATCH EXISTING. SADDLE TO CONFORM TO ALL BARRIER FREE REQUIREMENTS.
  - REMOVE EXISTING WOOD DOOR SADDLE IN ITS ENTIRETY. INSTALL NEW ALUMINUM ADA DOOR SADDLE TO CONFORM TO ALL BARRIER FREE REQUIREMENTS.
  - REMOVE EXISTING RUBBER THRESHOLD IN ITS ENTIRETY. INSTALL NEW RUBBER ADA THRESHOLD TO MATCH EXISTING TO CONFORM TO ALL BARRIER FREE REQUIREMENTS.
  - REMOVE EXISTING RECESSED FIRE EXTINGUISHER CABINET. SAWCUT OPENING IN WALL ADJACENT TO NEW WATER BOTTLE FILLER TO ACCOMMODATE REINSTALLATION OF EXISTING FIRE EXTINGUISHER CABINET AT SAME HEIGHT AS PREVIOUSLY INSTALLED IN WALL. INSTALL APPROPRIATE SIZE STEEL LINTEL OVER NEW OPENING.
  - REMOVE EXISTING STRUCTURAL CROSS BRIDGING BETWEEN JOISTS THAT ARE IN CONFLICT WITH NEW DUCTWORK TO BE INSTALLED. ADD NEW STRUCTURAL CROSS BRIDGING IN BAYS WHERE EXISTING DUCTWORK IS TO BE REMOVED. ALL NEW BRIDGING TO BE 2" x 2" x 1/2" SECURED TO TOP AND BOTTOM OF STEEL JOISTS.
  - REMOVE EXISTING VOLLEYBALL STATIONS IN THEIR ENTIRETY. PATCH EXISTING HOLE WITH NEW CONCRETE FLUSH WITH EXISTING CONCRETE. CORE DRILL NEW HOLE TO INSTALL NEW VOLLEY BALL STATION.
- ALL PLUMBING, MECHANICAL OR ELECTRICAL DISCONNECTS SHALL BE MADE BY THE RESPECTIVE TRADES. ALL EQUIPMENT, DEVICES, FIXTURES, ETC. SHALL BE REMOVED FROM THE SITE BY THE RESPECTIVE CONTRACTOR. NOTE: THE EXISTING FIRE ALARM SYSTEM SHALL NOT BE DIMINISHED NOR SHALL EXISTING FIRE ALARM DEVICES BE REMOVED DURING CONSTRUCTION. ALL DEVICES ARE TO BE PROTECTED FROM DAMAGE DURING CONSTRUCTION.
- REFER TO A101 FOR GENERAL DEMOLITION NOTES
- REFER TO A102 FOR ROOM FINISH SCHEDULE



NOTES:  
1. FOR SIZE & LOCATION OF OPENINGS SEE ARCHITECTURAL & MECHANICAL DRAWINGS.  
2. STEEL CONTRACTOR SHALL VERIFY ALL OPENINGS AND EXACT LOCATIONS WITH THE TRADE CONTRACTOR REQUIRING SAID OPENINGS PRIOR TO FABRICATION & ERECTION OF STEEL FRAMES.  
3. PROVIDE STEEL FRAMES AS SHOWN AROUND ALL REQUIRED OPENINGS LARGER THAN 8" AT ROOF.  
4. PROVIDE STEEL ANGLES ON ALL SIDES OF OPENINGS UNLESS BEAM IS SHOWN ON PLAN. ANGLE SIZES TO BE:  
FOR 18" OR 24" ≤ 6'-6" L-4"x4"x5/16"  
FOR 18" OR 24" > 6'-6" L-6"x6"x3/8"  
5. PROVIDE STEEL ANGLES ON ALL SIDES OF MECH'L CURBS UNLESS BEAM IS SHOWN ON PLAN. ANGLE SIZES TO BE L-6"x6"x3/8".  
6. FOR SIZE & LOCATION OF MECH'L UNITS, SEE ARCHIT. & MECH'L DWGS.

TYPICAL OPNG. DETAIL @ EXIST'G. ROOF & UNDER MECH'L CURB

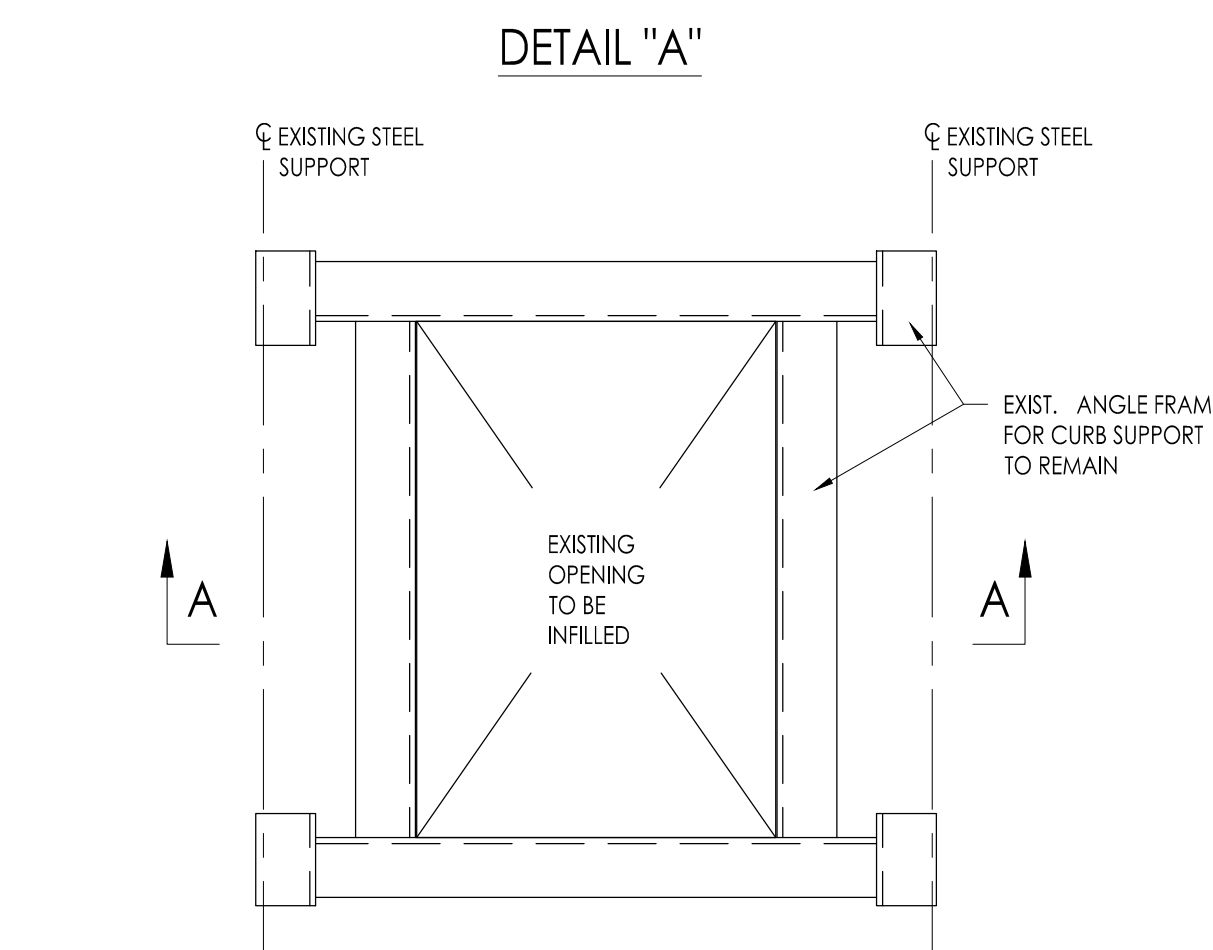
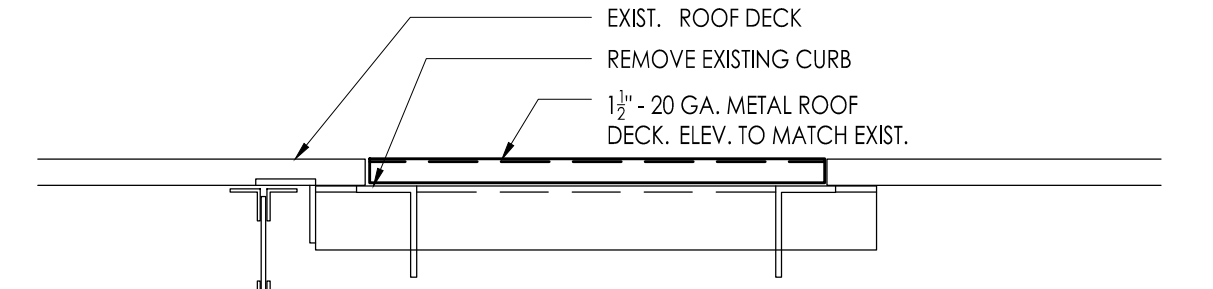


NOTE:  
SUPPORTING LOAD AT CONDENSERS, MECHANICAL UNITS AND ALL CONCENTRATED LOADS GREATER THAN 300 lbs. OMIT IF LOAD IS WITHIN 3' OF A PANEL POINT.

TYPICAL DETAIL OF REINF'D. JOIST

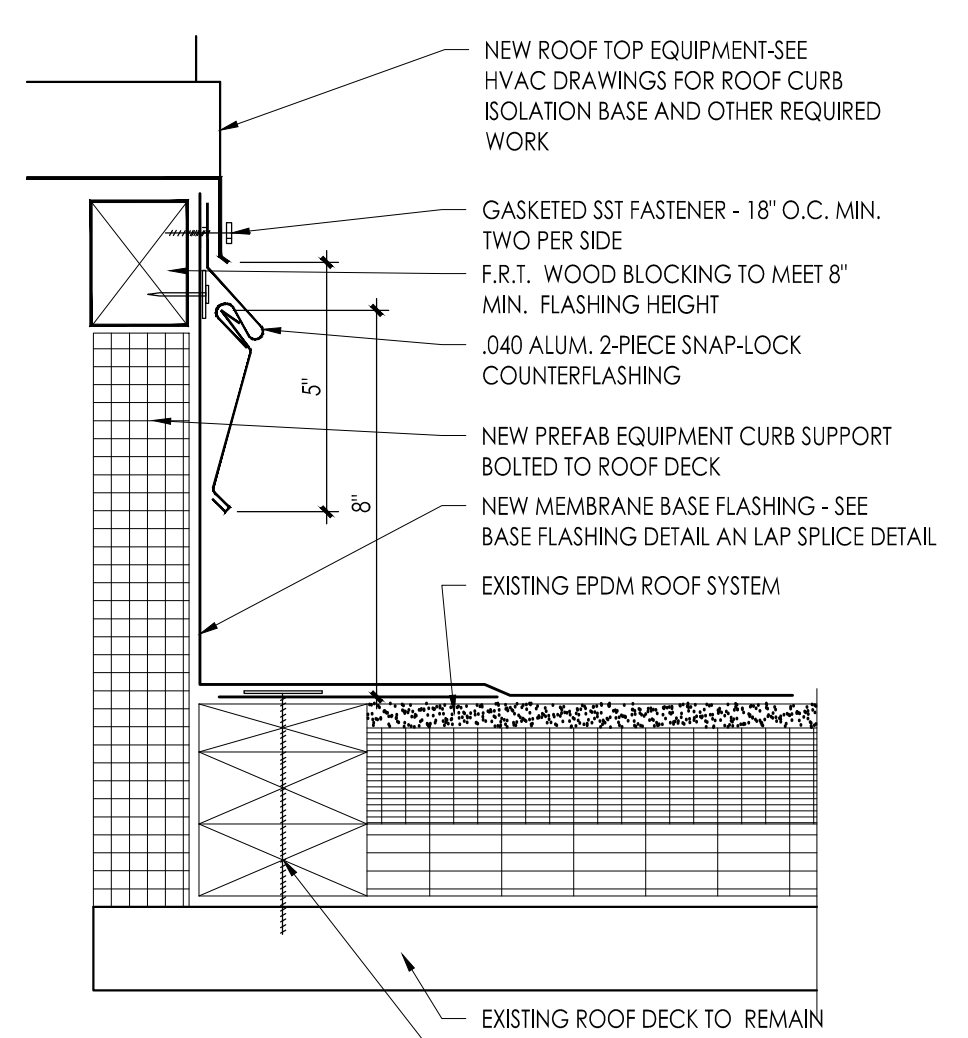
EXISTING ROOFING SYSTEM NOTE:  
ALL WORK PERFORMED AS PART OF THIS PROJECT THAT IMPACTS OR MODIFIES THE EXISTING ROOFING SYSTEM IN ANY FORM SHALL BE PERFORMED IN A MANNER APPROVED BY THE ROOFING MANUFACTURER SUCH THAT THE EXISTING ROOF WARRANTY IN PLACE AT THE TIME OF THE WORK SHALL NOT BE VOIDED.

EXISTING ROOFING SYSTEM WARRANTY:  
WILLIAM DAVIES MIDDLE SCHOOL  
MANUFACTURER: CARLSLE  
ROOFING SYSTEM: CARLSLE FULLY ADHERED EPDM ROOF SYSTEM  
20 YEAR WARRANTY  
DATE OF WARRANTY: NOVEMBER 7, 2005  
INSTALLATION CONTRACTOR: THOMAS COMPANY, INC.  
114 NORTH BRIGHTON AVENUE  
ATLANTIC CITY, NJ 08401  
PHONE - 609-344-5846

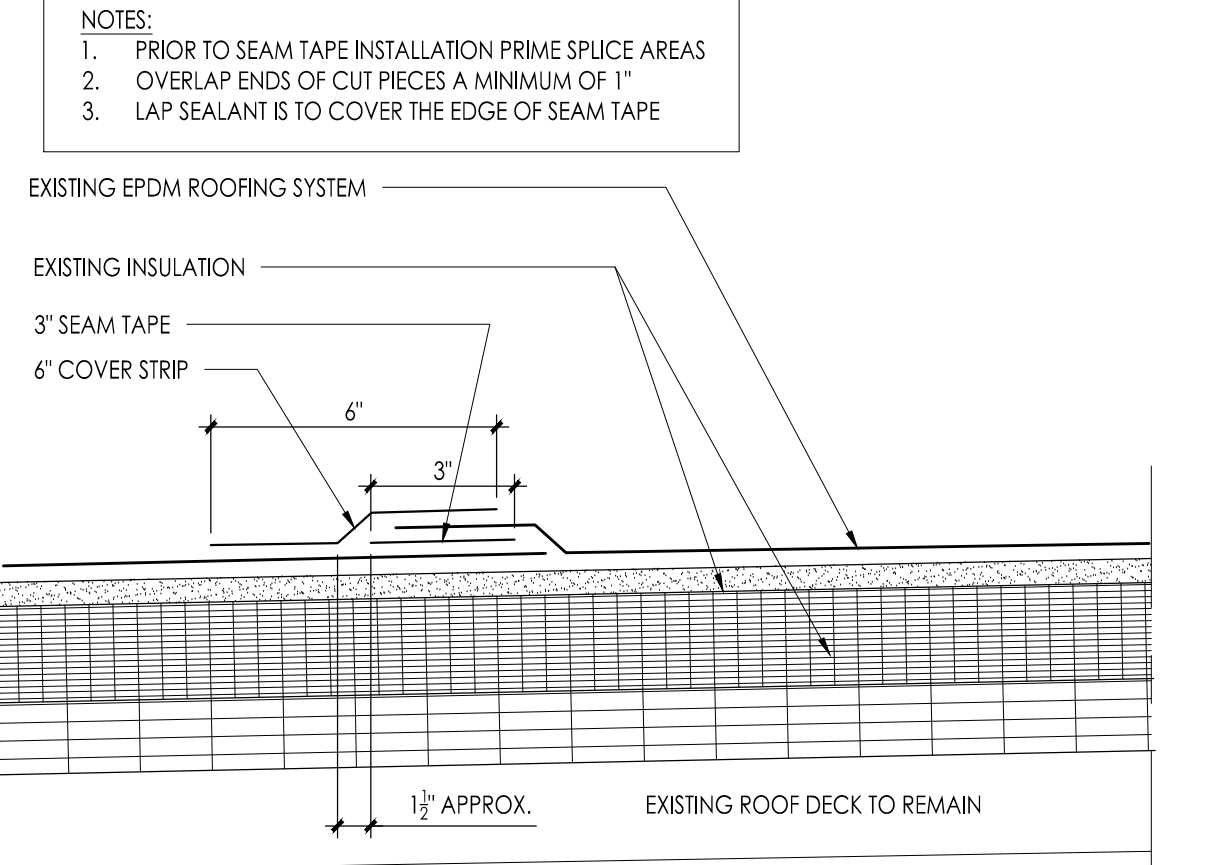


NOTES:  
1. PROVIDE 1 1/2" - 20 GA. TYPE 'B' (WIDE RIB) METAL ROOF DECK (GALV.) INFILL + INSULATION TO MATCH EXIST. ROOF ELEV. @ EXISTING OPENING. PROVIDE MINIMUM 2" BEARING FOR NEW DECK.  
2. PROVIDE TEK SCREW FASTENERS @ EACH DECK FLUTE.  
3. IF EXISTING CONDITIONS DIFFER FROM THOSE ON PLAN, CONTACT ARCH. OR ENGINEER.

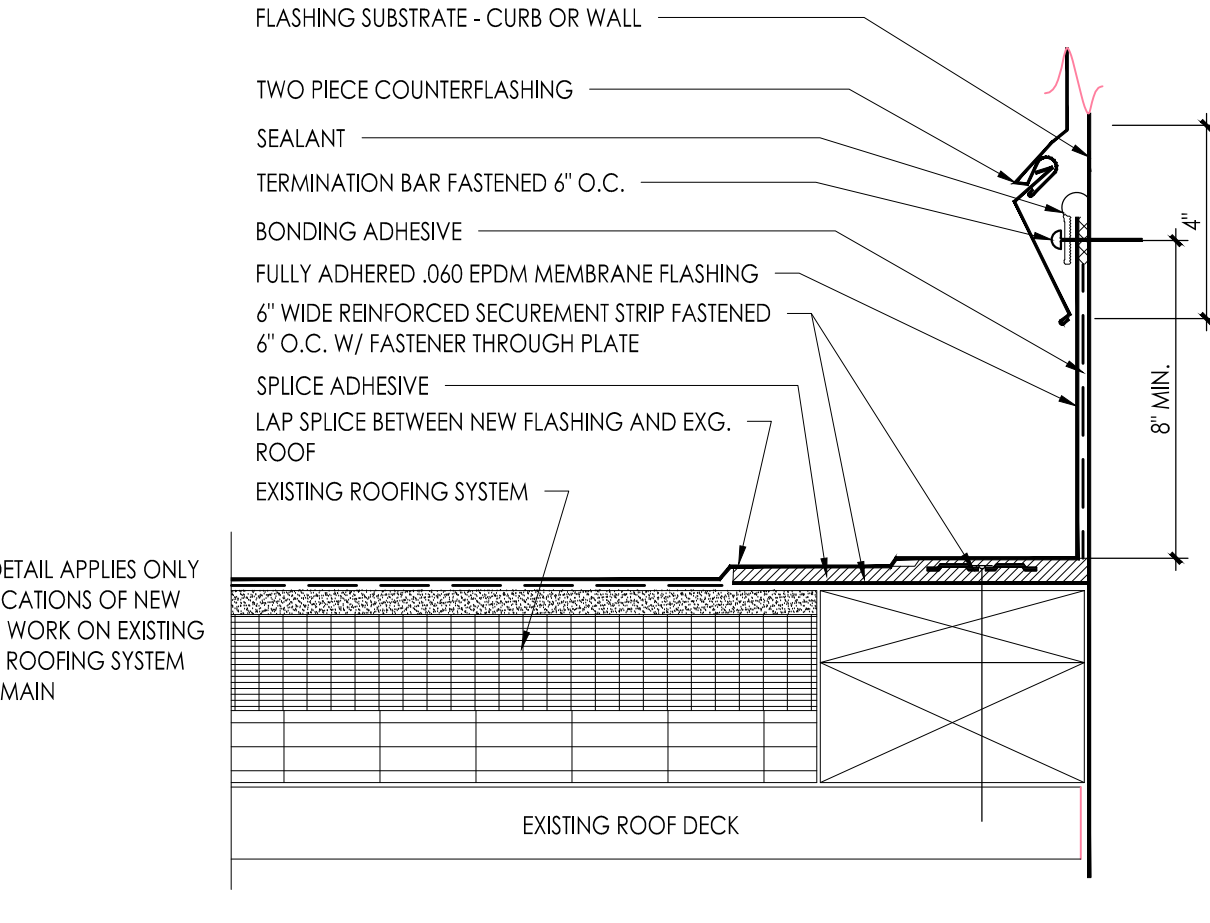
1 STEEL DECK INFILL DETAIL  
Scale: 3/4" = 1'-0"



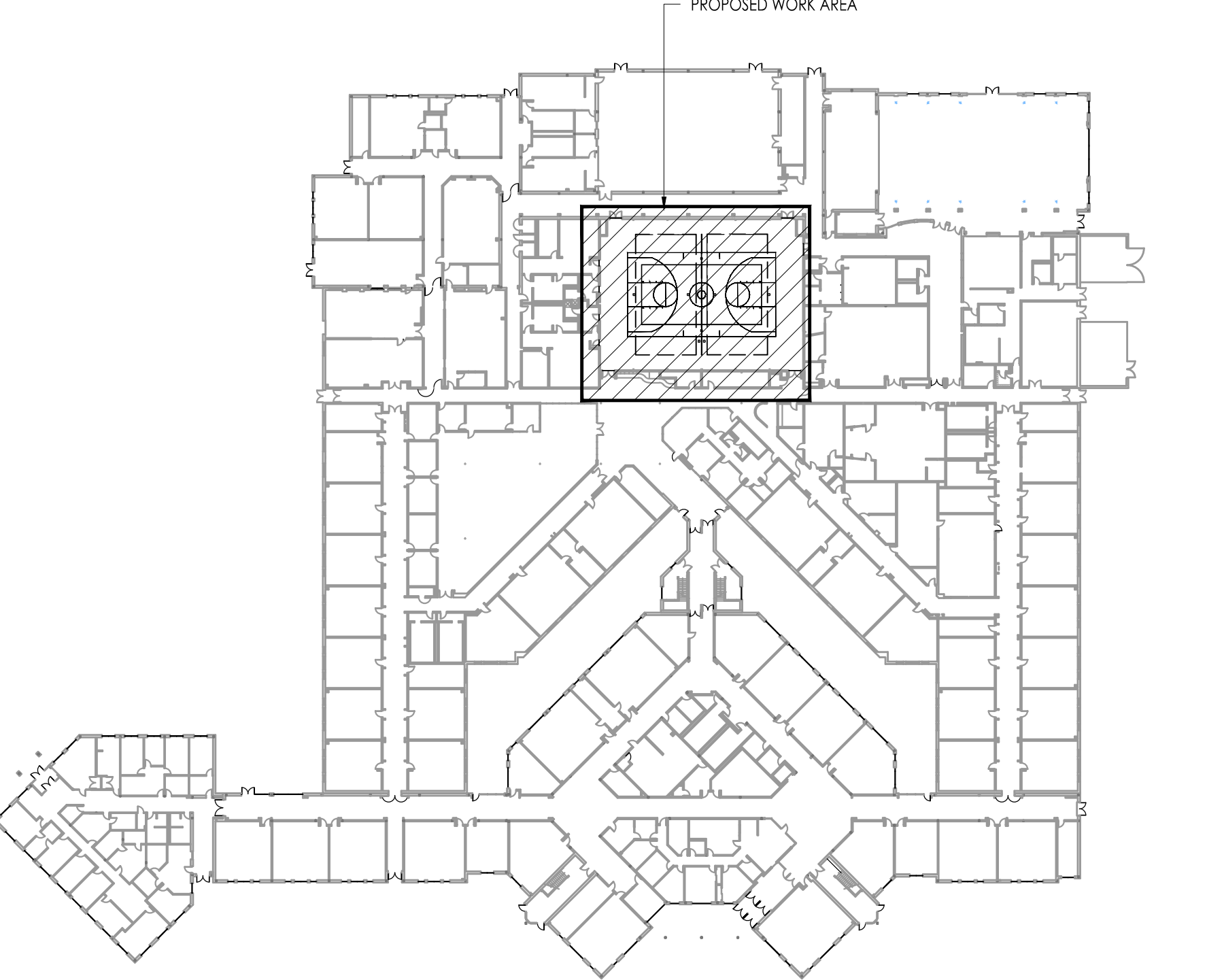
2 ROOF TOP CURB FLASHING EXISTING EPDM ROOF  
3" = 1'-0"



3 TYPICAL LAP SPICE DETAIL  
3" = 1'-0"



4 TYPICAL BASE FLASHING DETAIL EXISTING EPDM ROOF  
3" = 1'-0"



BUILDING KEY PLAN  
Scale: NOT TO SCALE

JOHN J. VEISZ, AIA, CSFA  
NO. 2148660001 PA-84201818  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NO. 2148660001 PA-84202504  
GEORGE R. DUTHIE JR., AIA, PP  
NO. 2148660001 PA-84202505

**FVHD** architects  
planners  
Fraytak Veisz Hopkins Duthie P.C.  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17435

Project Name  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**1876 DENNIS FORMAN DR MAYS LANDING, NJ 08330**

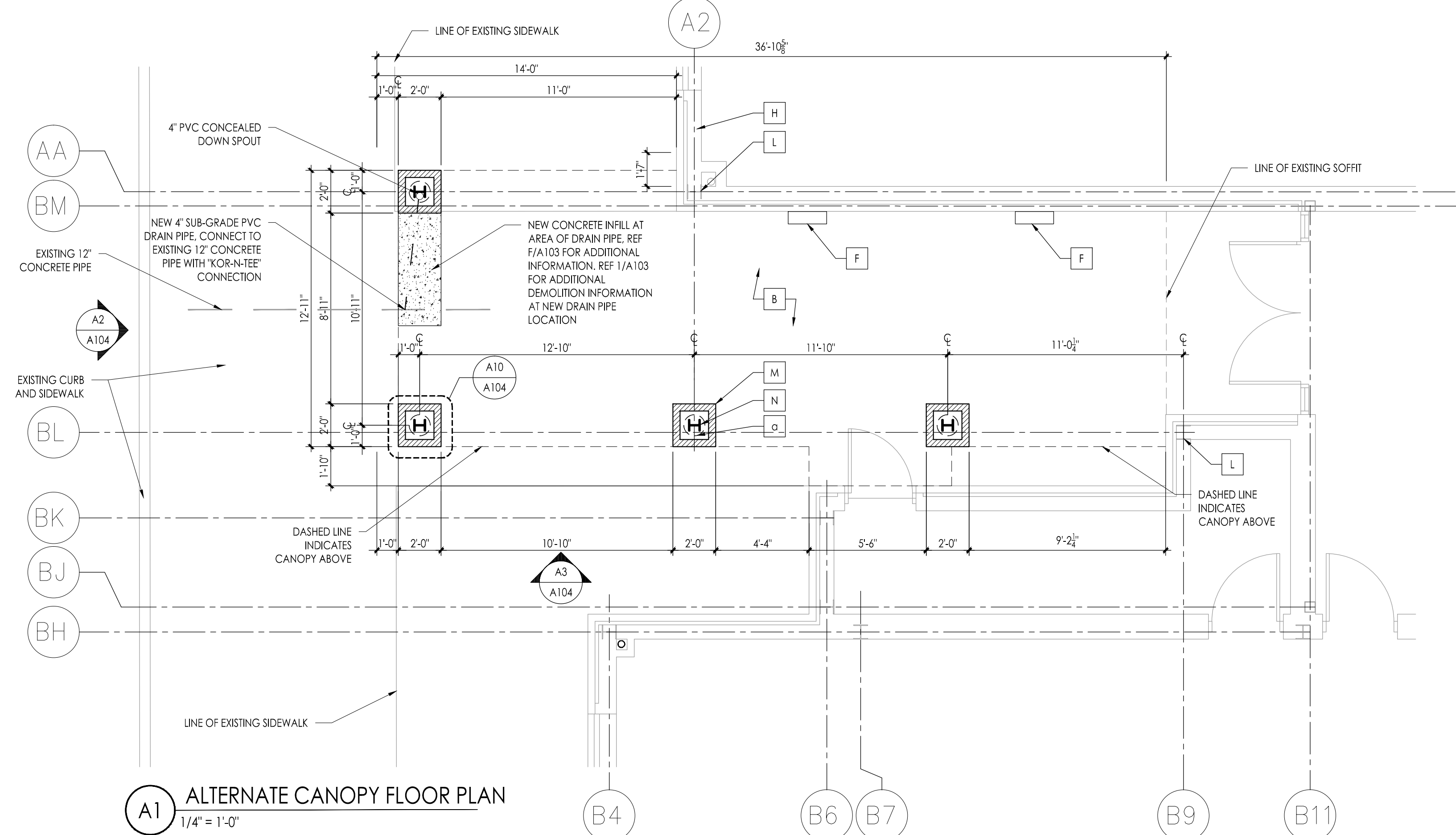
Project Number  
**4937C**  
Project Date  
**02.15.2019**  
Checked By  
**JJV**  
Drawn By  
**JMK**  
Scale  
**AS NOTED**

Drawing Name  
**GYMNASIUM DEMOLITION PLAN, NEW WORK PLAN, DETAILS**

No.	Date	Description

Drawing Number  
**A103**





**A1 ALTERNATE CANOPY FLOOR PLAN**  
1/4" = 1'-0"

- STRUCTURAL STEEL**
- ALL STRUCTURAL STEEL DETAILS SHALL BE DESIGNED IN ACCORDANCE WITH THE LATEST ISSUE OF THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS, ALLOWABLE STRESS DESIGN AND PLASTIC DESIGN.
  - CONNECTIONS WILL BE DESIGNED TO DEVELOP THE FULL STRENGTH OF THE MEMBER OVER THE REQUIRED SPAN.
  - PROVIDE DOUBLE ANGLE CONNECTIONS AT BEAM TO BEAM CONNECTIONS.
  - FIELD CONNECTIONS SHALL BE MADE BY HIGH STRENGTH BOLTS 7/8" MIN DIA OR WELDED AS SHOWN ON DRAWINGS.
  - ALL STRUCTURAL WIDE FLANGE SHAPES TO BE ASTM A-36

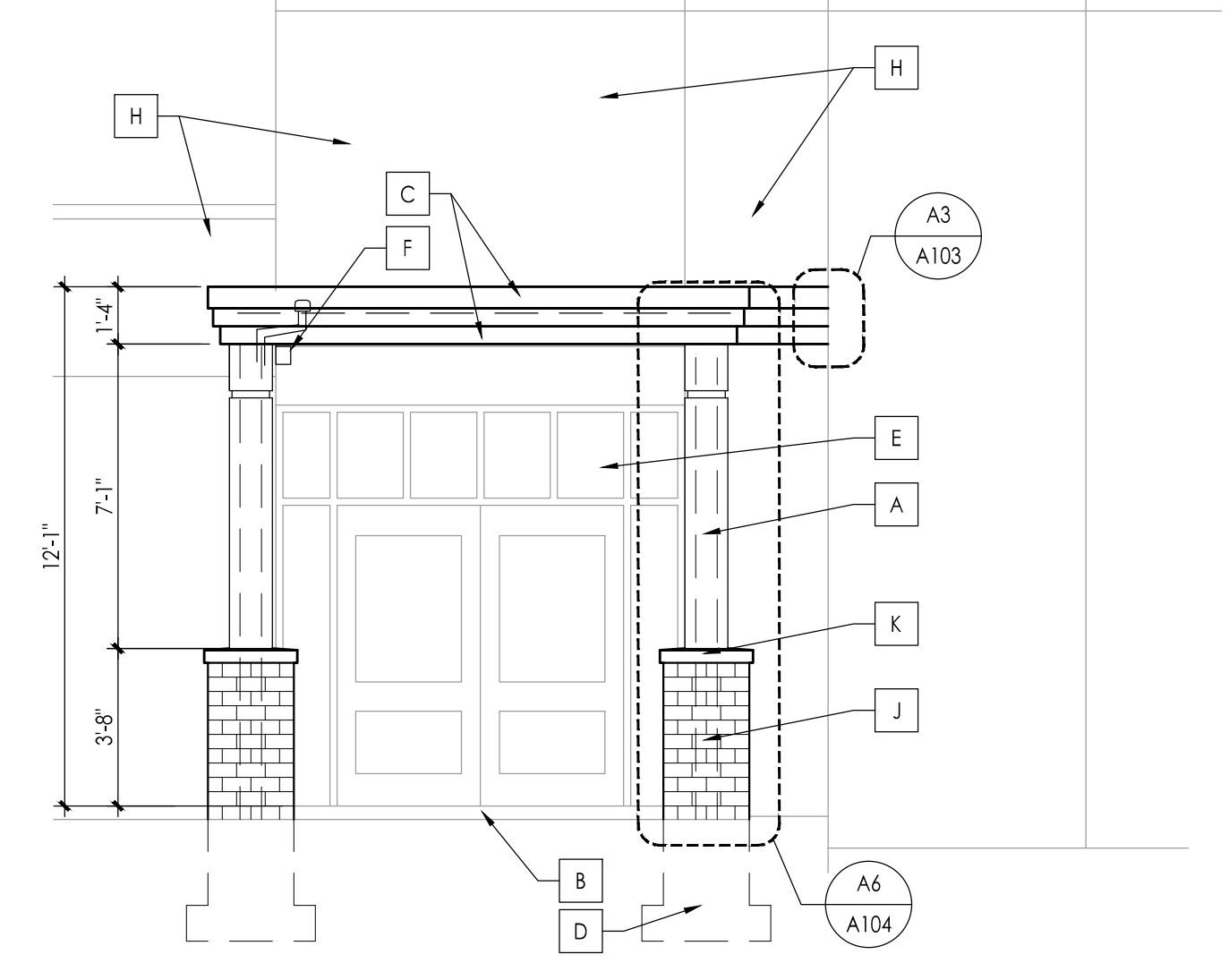
- STEEL ROOF DECK**
- STEEL DECK SHALL BE 20 GAUGE GALVANIZED, TYPE "B".
  - STEEL DECK TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS.

- MASONRY**
- ALL BLOCK WORK SHALL BE IN ACCORDANCE WITH LATEST BC W/MJ MODIFICATION AND OTHER APPLICABLE CODES.
  - ALL BLOCK SHALL BE LIGHTWEIGHT AGGREGATE AND CONFORM TO ASTM C 20.
  - MORTAR SHALL BE ASTM C 270, TYPE "M" FOR BELOW GRADE AND TYPE "M" OR "S" FOR ABOVE GRADE WORK.
  - HORIZONTAL REINFORCING SHALL NO. 9 GAUGE "DUR-O-WALL" OR EQUIVALENT.
  - WHERE BLOCK FILL IS CALLED FOR ON DRAWINGS, USE TYPE "M" MORTAR OF CONCRETE WITH A COMPRESSIVE STRENGTH OF 2500PSI IN ACCORDANCE WITH ASTM C 476 AND INSTALLED IN ACCORDANCE WITH ACI-531 FOR HIGH OR LOW LIFT PROCEDURES.
  - COORDINATE MASONRY WITH ALL TRADES REQUIRING THIS TO BE SUBMITTED.
  - BRICK ON COLUMN BASE WILL MATCH EXISTING. MASONRY JOINTS WILL MATCH EXISTING IN COLOR AND FINISH.

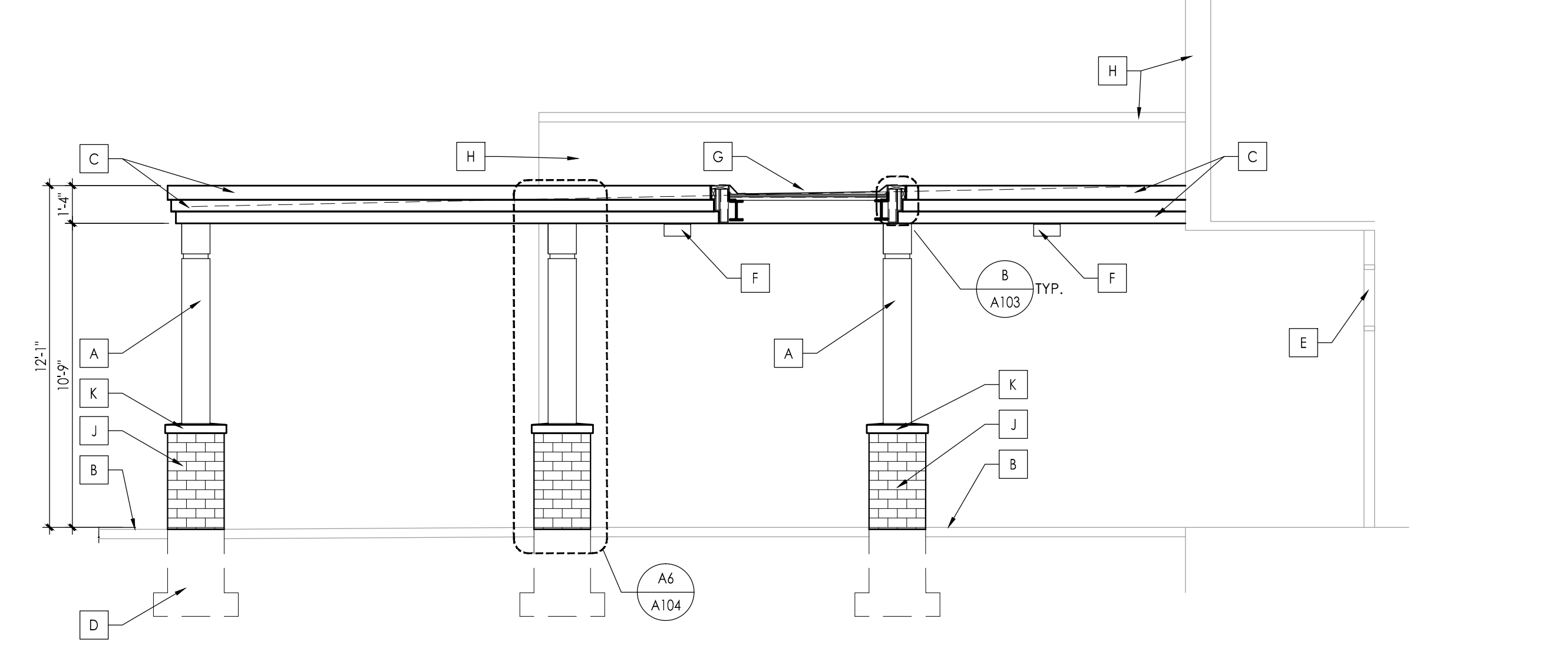
- ADDITIONAL NOTES FOR CONCRETE AND REINFORCEMENT**
- REF A103 FOR ADDITIONAL NOTES AND INFORMATION FOR CONCRETE FOOTINGS AND STEEL REINFORCEMENT
  - COORDINATE DEMOLITION PLAN ON SHEET A103 WITH ALT PLAN COLUMN LAYOUT

**KEYNOTE LEGEND (ALT BIB):**

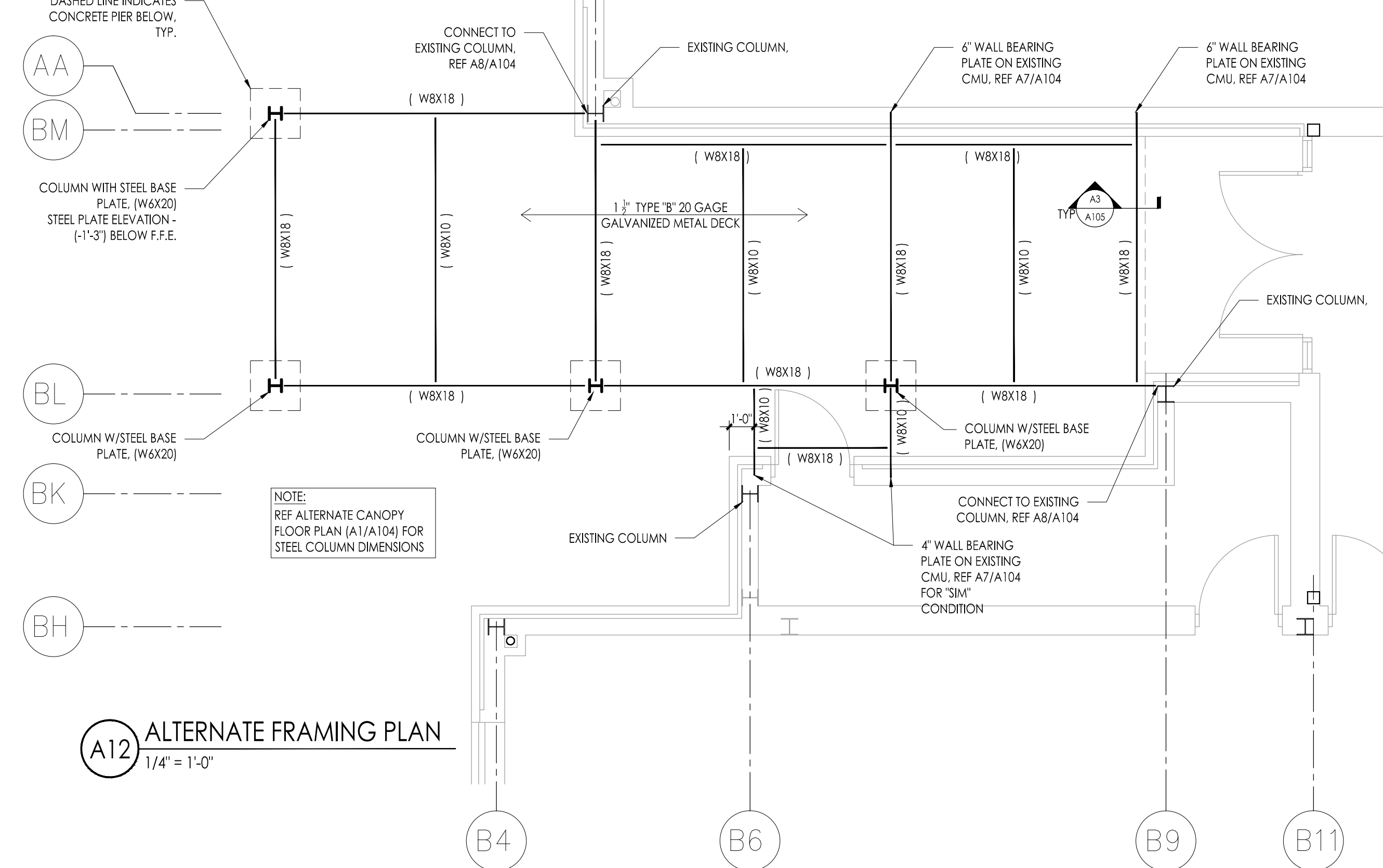
A	12" DIA GLASS FIBER REINFORCED CONCRETE COLUMN COVER, REF A4/A104
B	EXISTING CONCRETE WALK TO REMAIN
C	METAL FASCIA, COLOR SELECTED BY ARCHITECT
D	CANOPY CONCRETE FOOTINGS WITH STEEL REINFORCEMENT, REF A4/A104
E	EXISTING STOREFRONT SYSTEM TO REMAIN
F	NEW WALL MOUNTED LIGHT, REF ELECTRIC
G	CANOPY FLASHING BEYOND, REF CANOPY ROOF PLAN
H	EXISTING BUILDING, BRICK VENEER
J	4" X 4" X 8" BRICK, MATCH EXISTING BRICK AND FINISH
K	CAST STONE CAP, REF A5/A104
L	EXISTING STEEL COLUMN
M	BRICK BASE, REF A10/A104
N	STEEL COLUMN, REF FRAMING PLAN



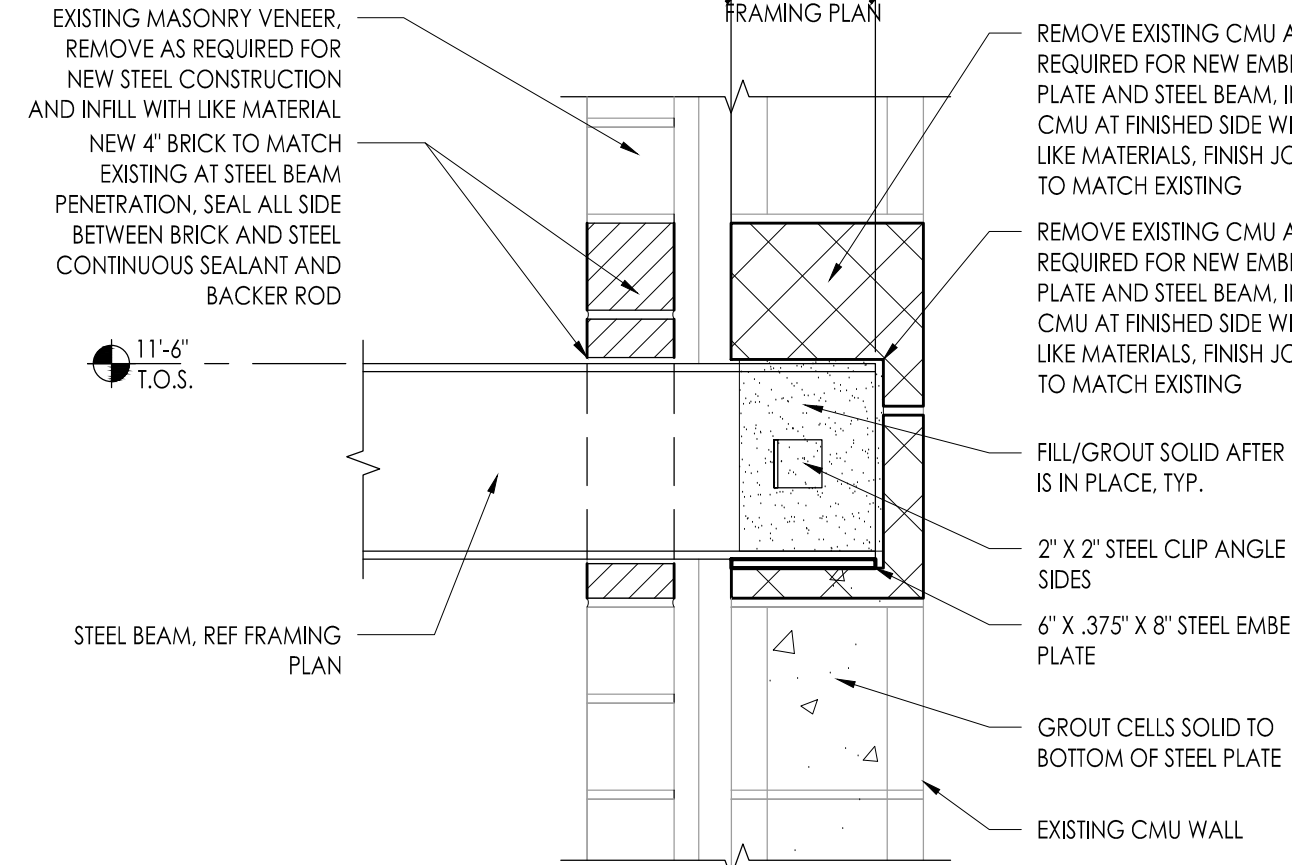
**A2 ALTERNATE CANOPY ELEVATION**  
1/4" = 1'-0"



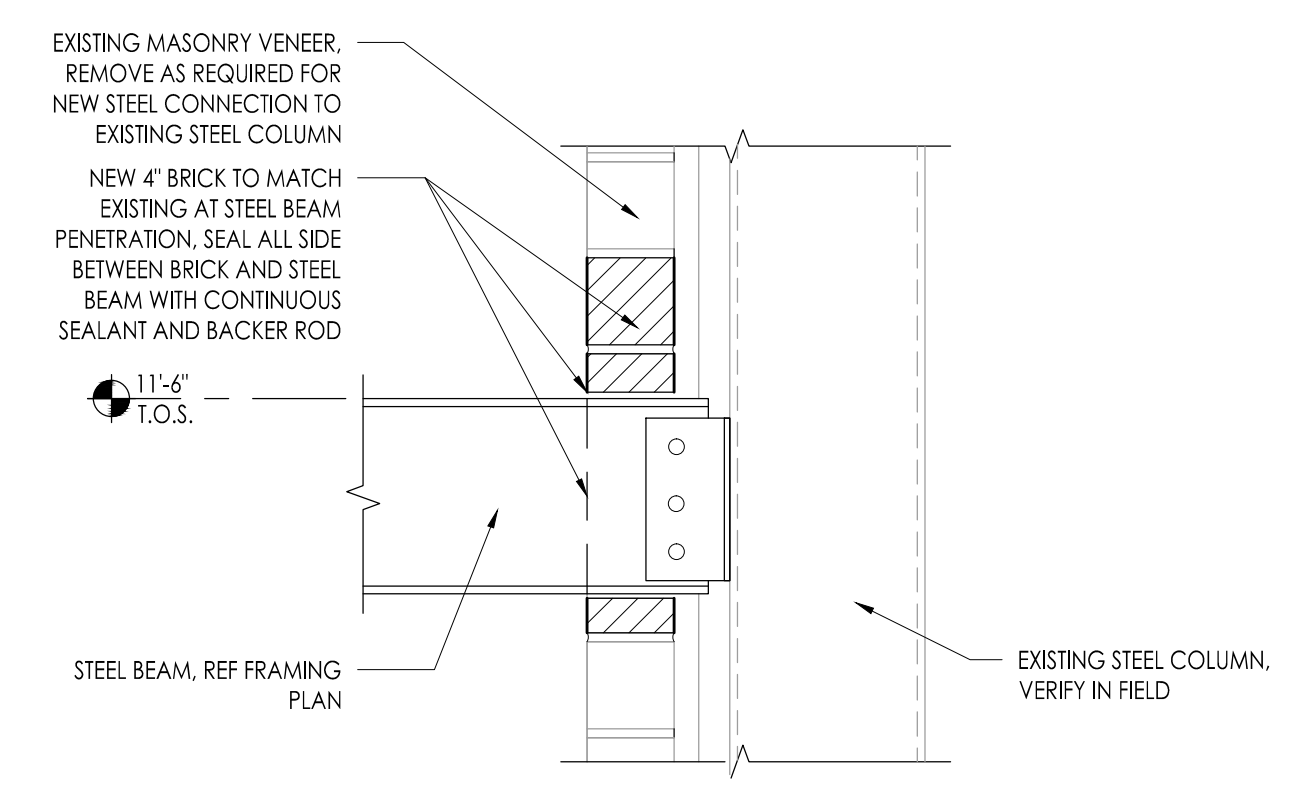
**A3 ALTERNATE SIDE ELEVATION**  
1/4" = 1'-0"



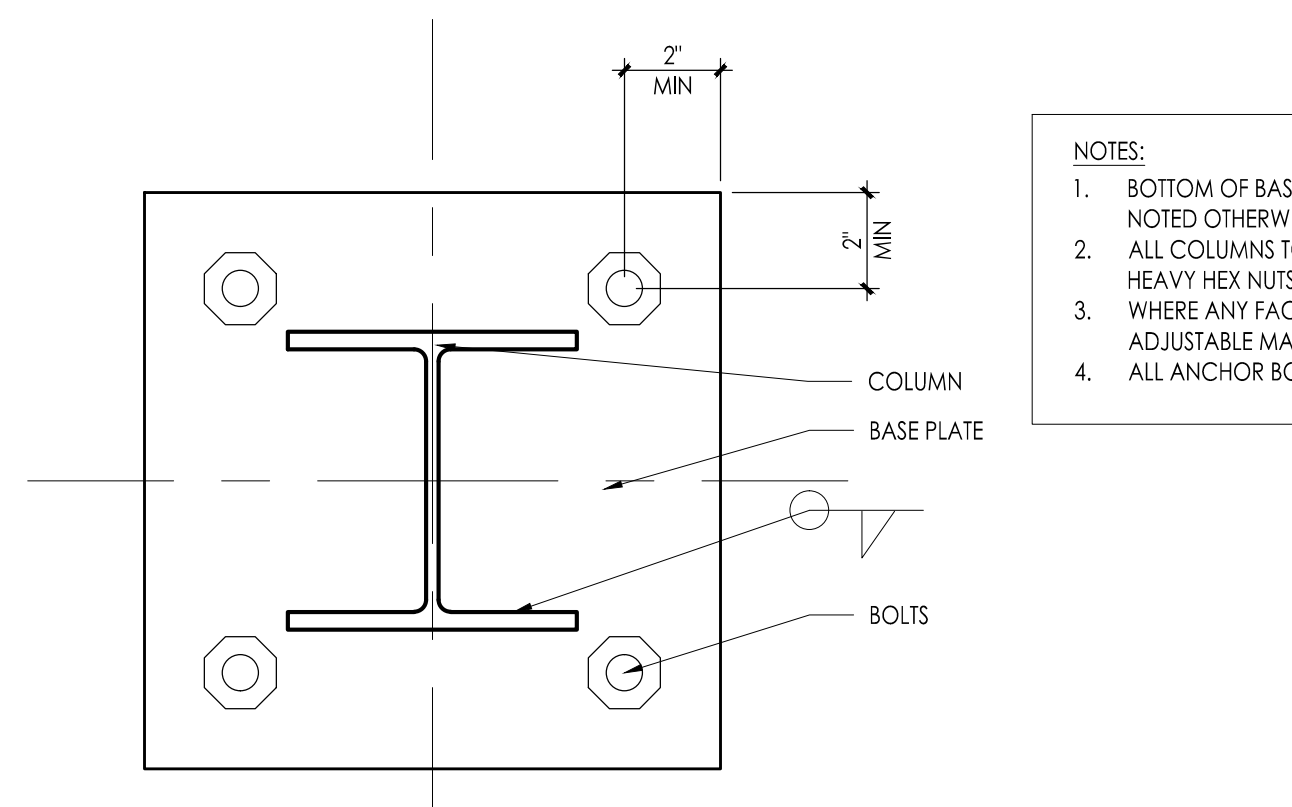
**A12 ALTERNATE FRAMING PLAN**  
1/4" = 1'-0"



**A7 TYPICAL WALL PENETRATION AND WALL BEARING STEEL WITH PLATE**  
1-1/2" = 1'-0"

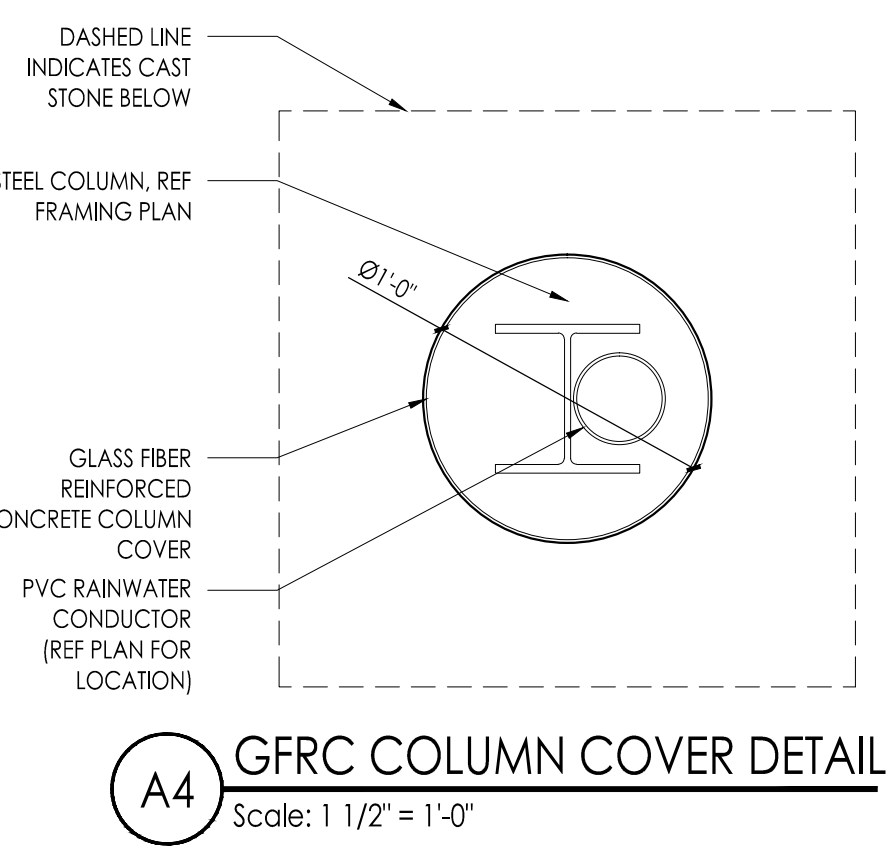


**A8 TYPICAL WALL PENETRATION AT STEEL BEAM AND EXISTING COLUMN**  
1-1/2" = 1'-0"

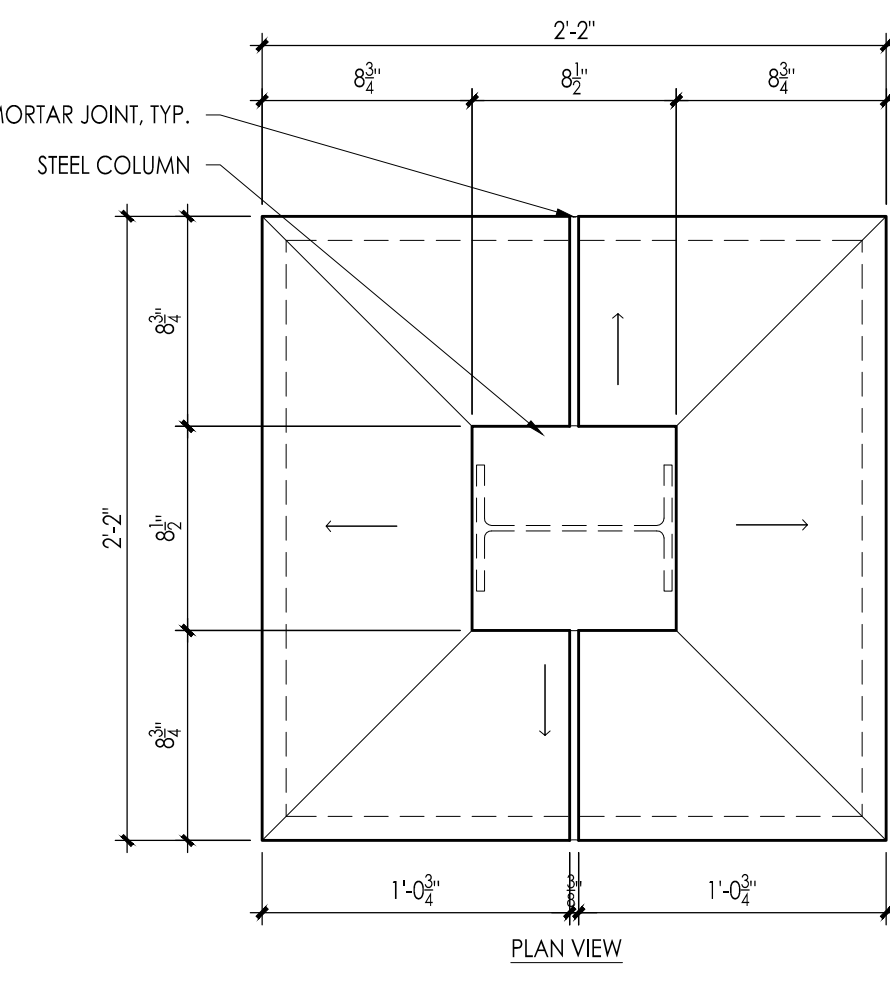


**A11 BASE PLATE DETAIL**  
1-1/2" = 1'-0"

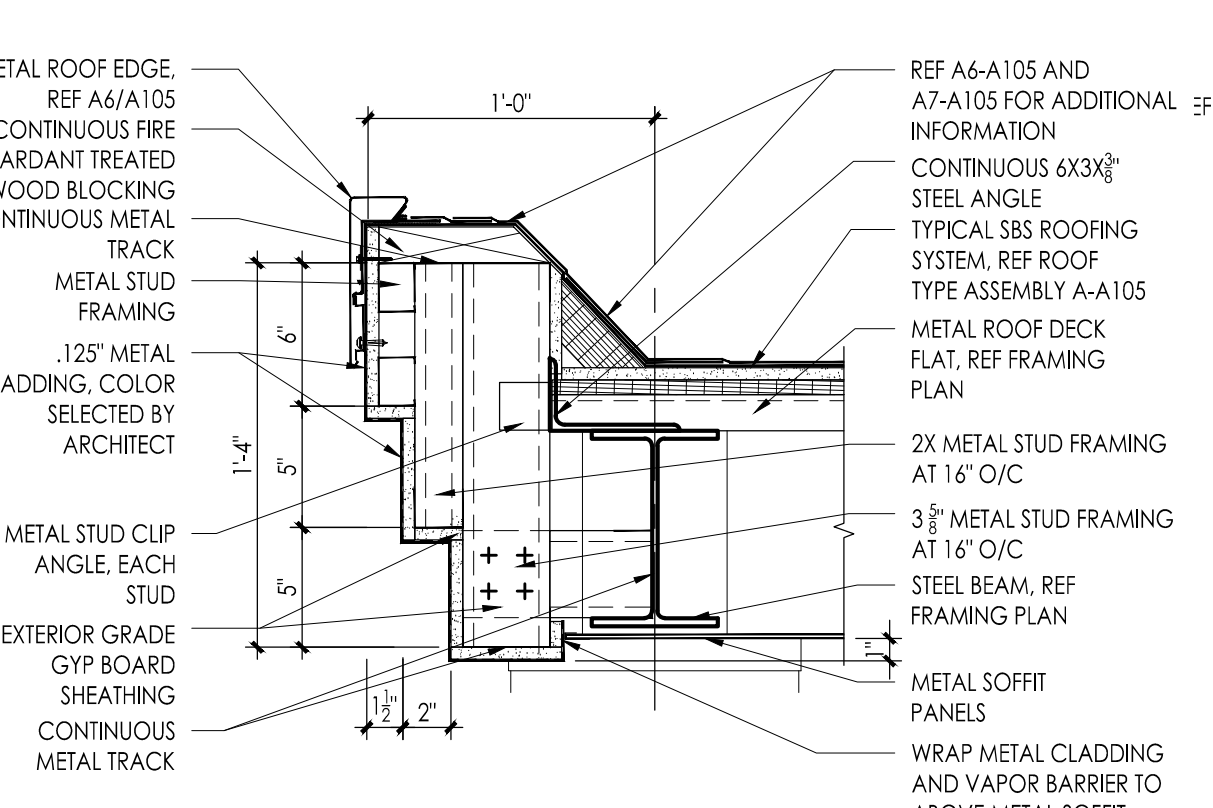
- NOTES:**
- BOTTOM OF BASE PLATE TO BE -7" BELOW DATUM ELEVATION UNLESS NOTED OTHERWISE
  - ALL COLUMNS TO HAVE (4) ANCHOR BOLTS WITH 9" MIN. EMBEDMENT AND HEAVY HEX NUTS
  - WHERE ANY FACE OF COLUMN ABUTS MASONRY WALLS, PROVIDE ADJUSTABLE MASONRY ANCHORS @ 24" O/C VERTICALLY
  - ALL ANCHOR BOLTS SHALL BE ASTM F1554 GR. 36



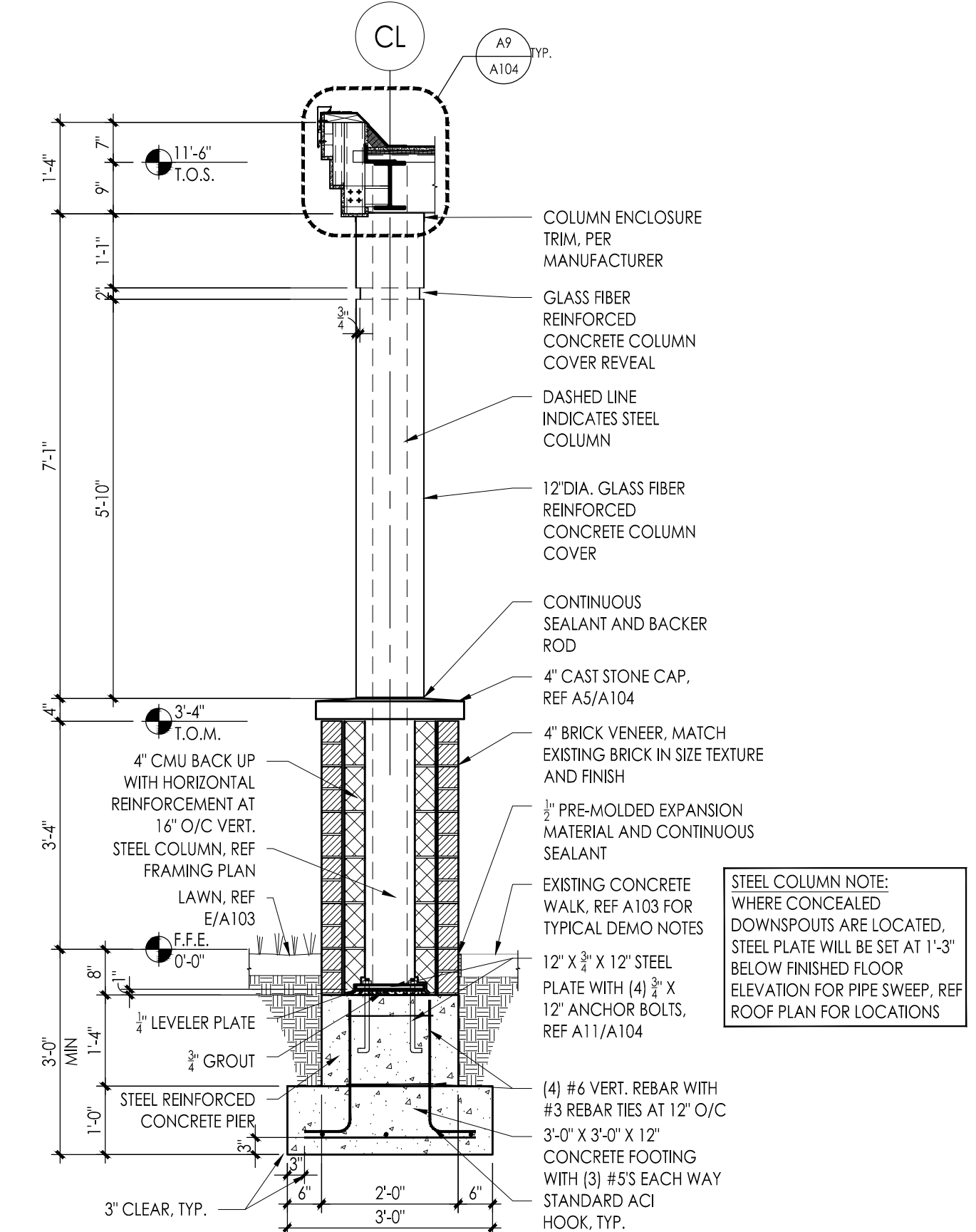
**A4 GFRP COLUMN COVER DETAIL**  
Scale: 1 1/2" = 1'-0"



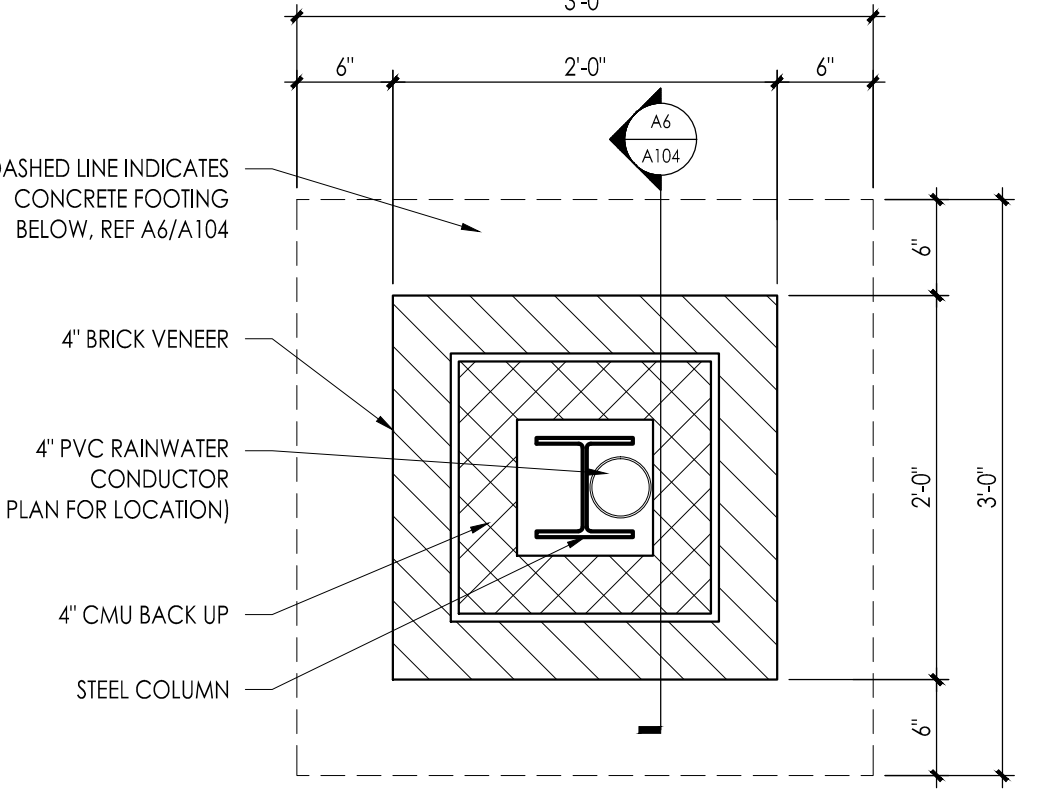
**A5 CAST STONE CAP**  
Scale: 1 1/2" = 1'-0"



**A9 TYPICAL ROOF EDGE/PARAPET DETAIL**  
1-1/2" = 1'-0"



**A6 COLUMN SECTION**  
1/2" = 1'-0"



**A10 MASONRY PIER BASE**  
1" = 1'-0"

JOHN J. VEIZ, AIA, CSFA  
 NU-PA1886001 PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NU-PA1886001 PA-84202208  
 GEORGE F. DUTHIE JR., AIA, PP  
 NU-PA1886001 PA-84202208

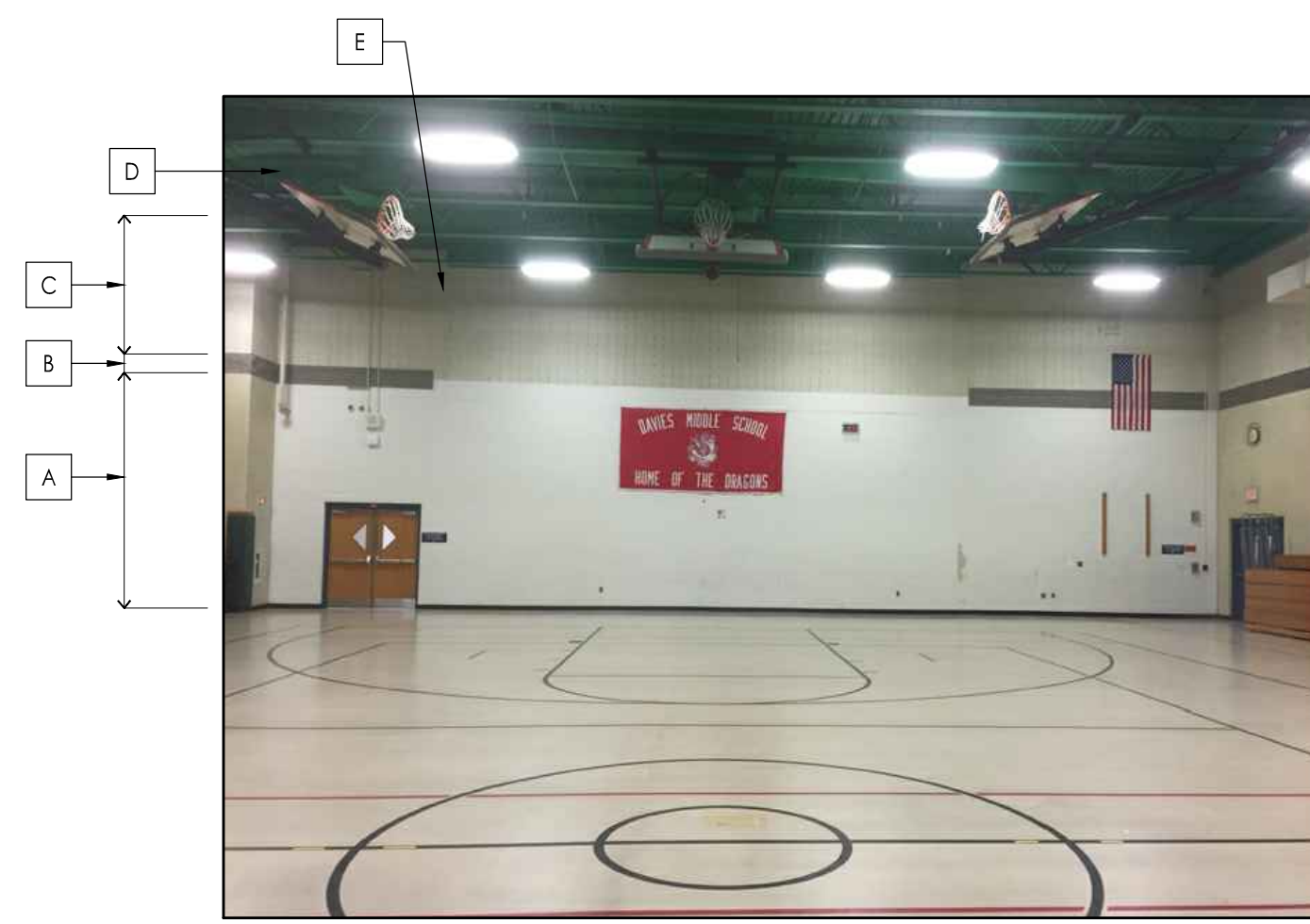
**FVHD architects**  
 planners  
**Fraytak Veisz Hopkins Duthie P C**  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - Mont Clear - Pennsylvania 17433

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
 Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
 Project Location: 5801 3rd ST MAYS LANDING, NJ 08330  
 Project Number: 4937B  
 Project Date: 02.15.2019  
 Checked By: JJV  
 Drawn By: BO  
 Scale: AS NOTED  
 Drawing Name: CANOPY PLANS SECTIONS AND DETAILS (ALT BID)

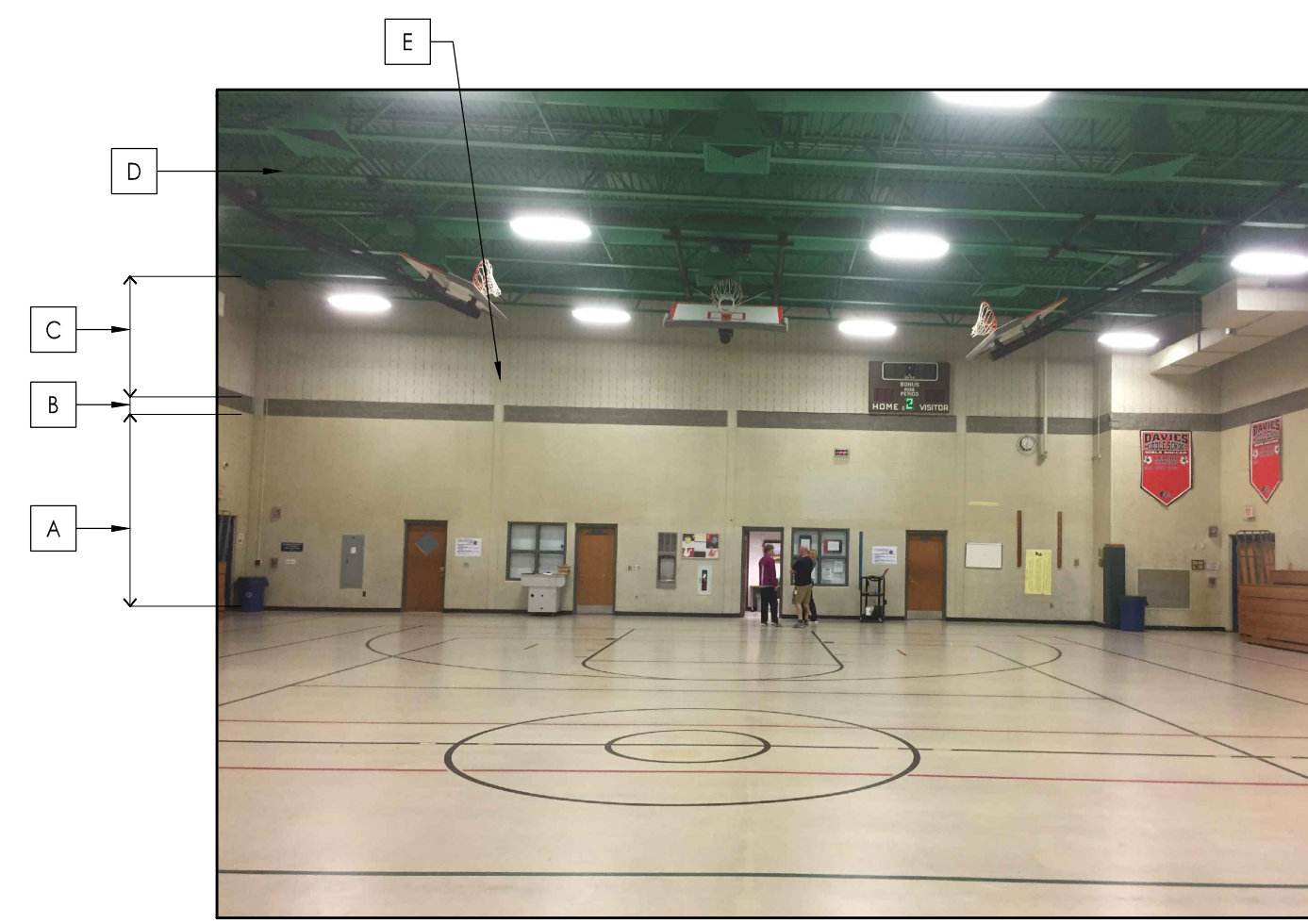
Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
 Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
 Project Location: 5801 3rd ST MAYS LANDING, NJ 08330  
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 Project Date: 02.15.2019  
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 Scale: AS NOTED  
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No.	Date	Description

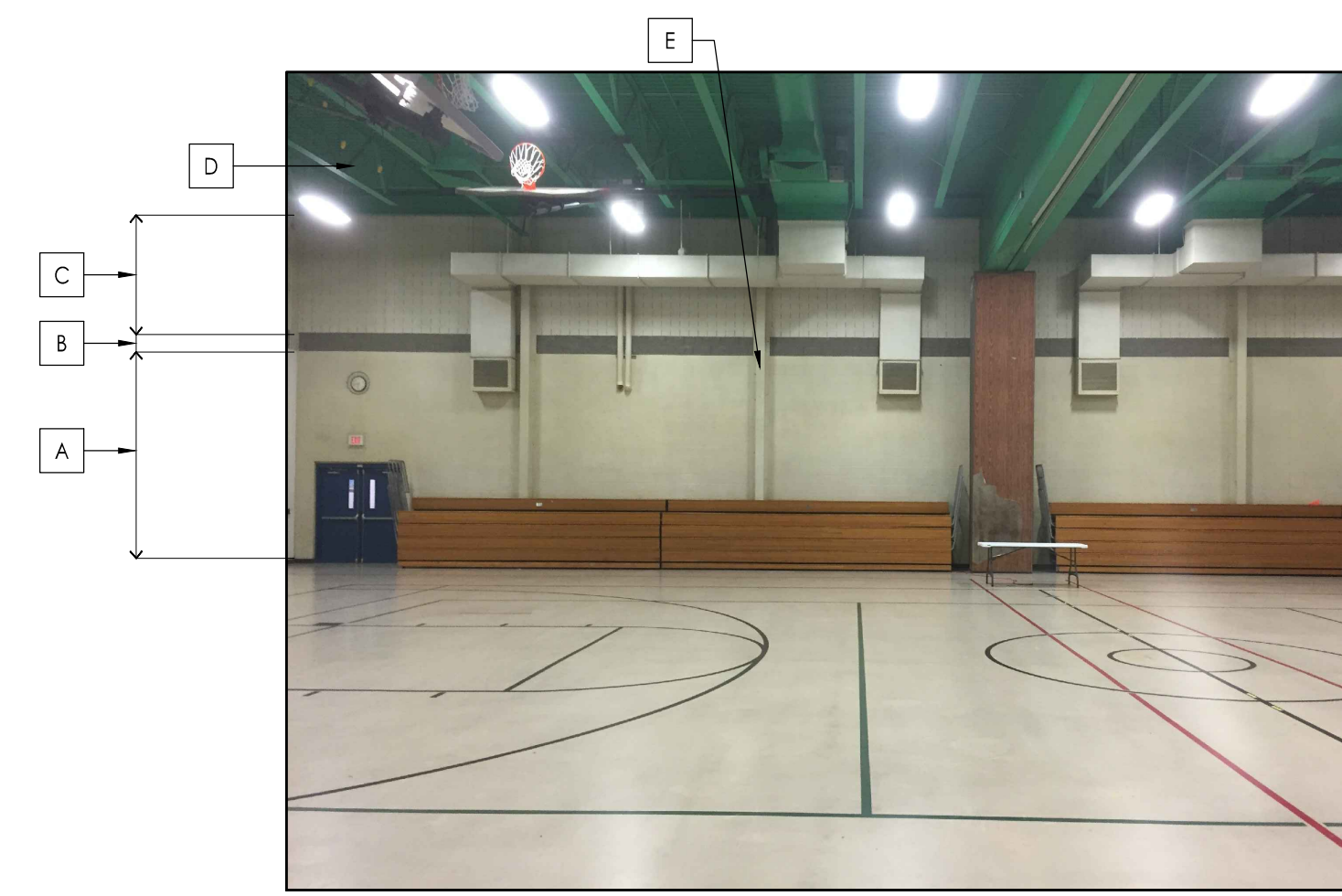
Drawing Number: **A104**



1 INTERIOR GYM ELEVATION  
Scale: N.T.S.



2 INTERIOR GYM ELEVATION  
Scale: N.T.S.



3 INTERIOR GYM ELEVATION  
Scale: N.T.S.



4 INTERIOR GYM ELEVATION  
Scale: N.T.S.

PAINTING SCHEDULE:	
A	COLOR #1 - EXISTING CMU WALL
B	COLOR #2 - EXISTING ARCHITECTURAL CMU - PAINT
C	COLOR #3 - EXISTING SOUND BLOCK
D	COLOR #4 - EXISTING METAL DECK, BEAMS, AND JOISTS
E	COLOR #5 - COLUMN COVERS OR FACE OF STEEL COLUMNS

NOTE: ALL NEW DUCTWORK TO BE PAINTED BY MECHANICAL CONTRACTOR - COLOR DETERMINED BY ARCHITECT

JOHN J. VEISZ, AIA, CSFA  
 NJ-21486600 | PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NJ-21484200 | PA-84202004  
 GEORGE R. DUTHIE JR., AIA, PP  
 NJ-21482700 | PA-84202700

FVHD architects  
 planners  
 Fraytak Veisz Hopkins Duthie P C  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17433

F V H D P C - C O M

Project Name  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**1876 DENNIS FORMAN DR  
 MAYS LANDING,  
 NJ 08330**

Project Number  
**4937C**

Project Date  
**02.15.2019**

Checked By  
**JJV**

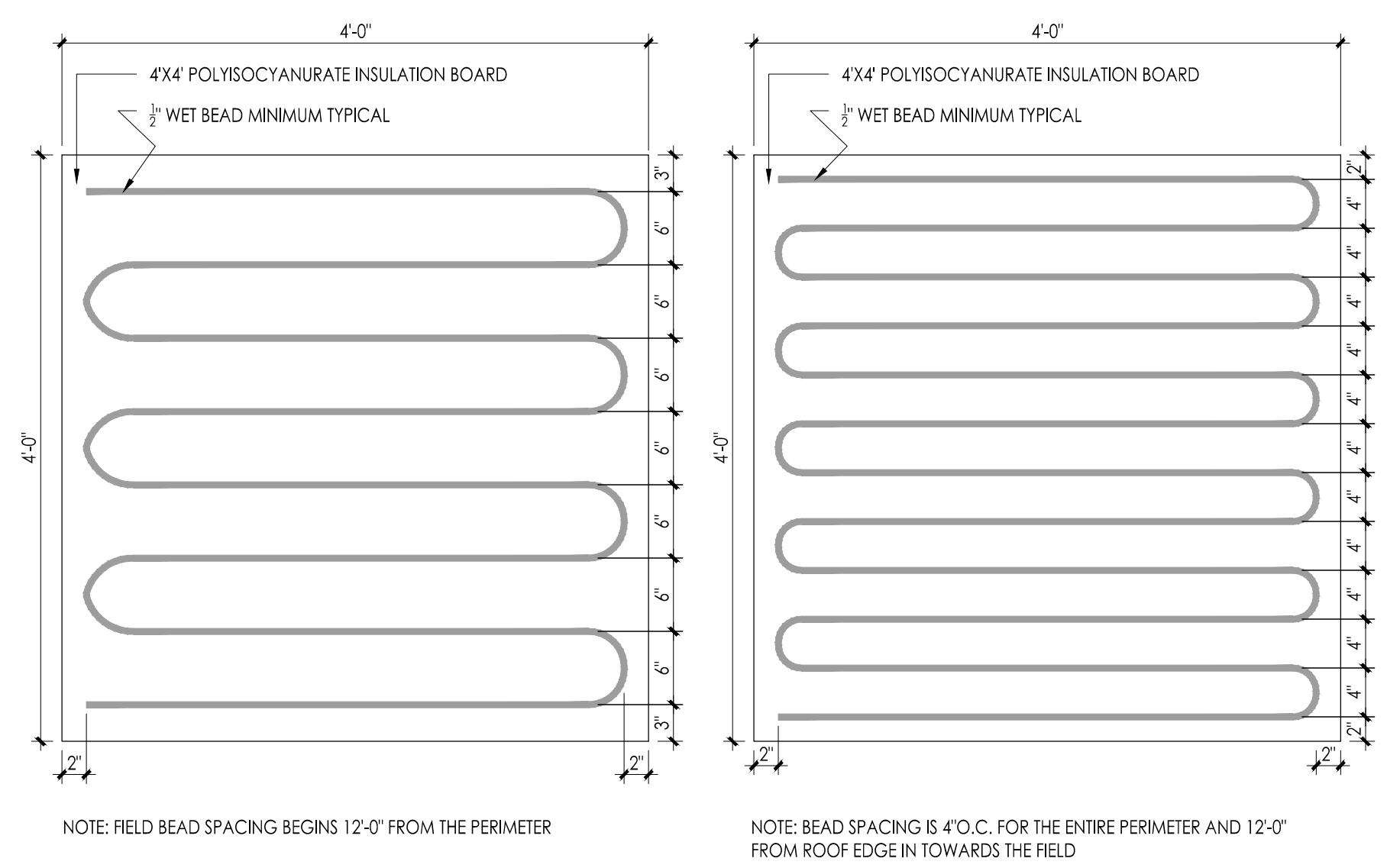
Drawn By  
**JMK**

Scale  
**AS NOTED**

Drawing Name  
**INTERIOR GYM ELEVATIONS**

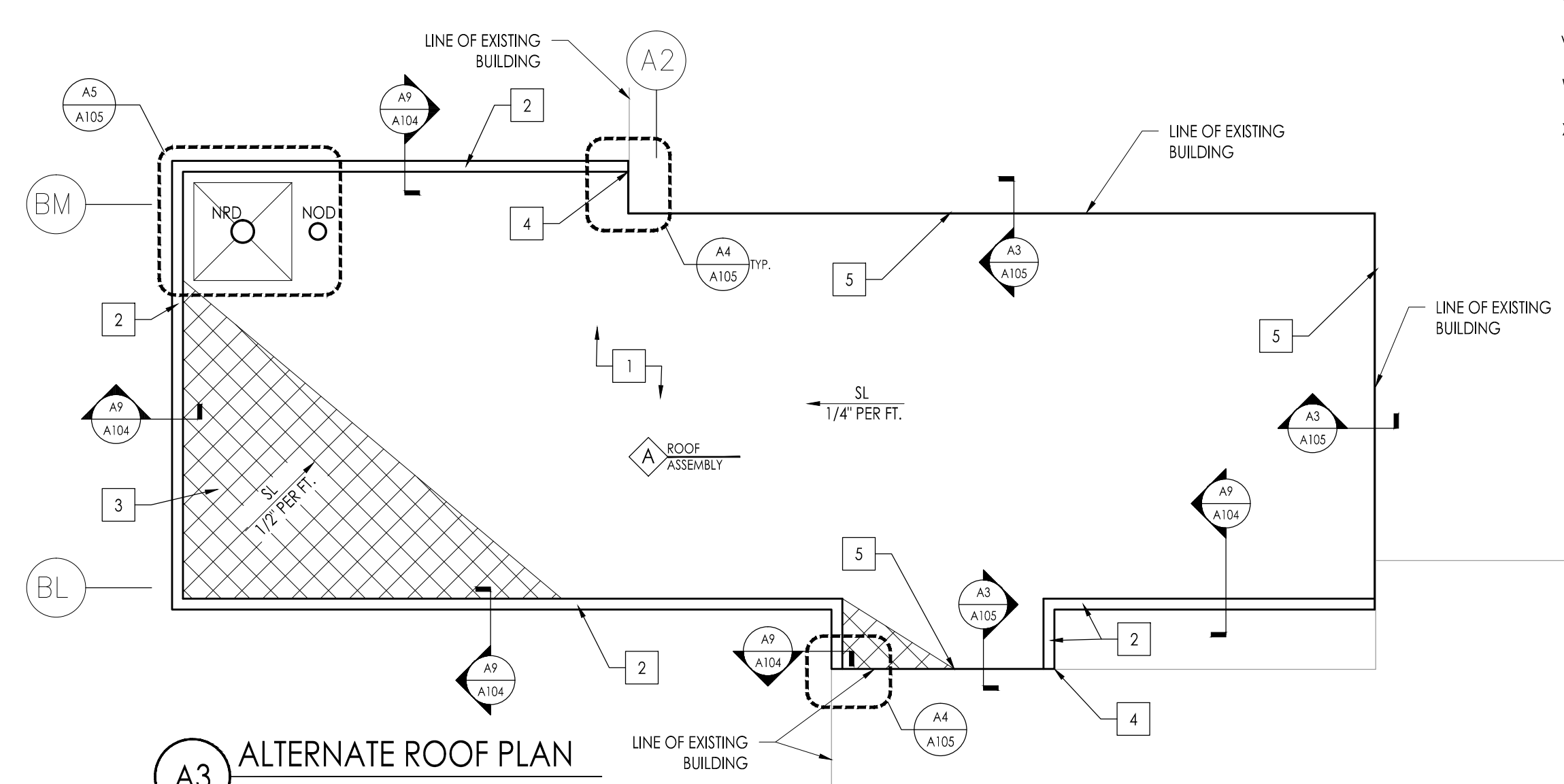
Revisions		
No.	Date	Description

Drawing Number  
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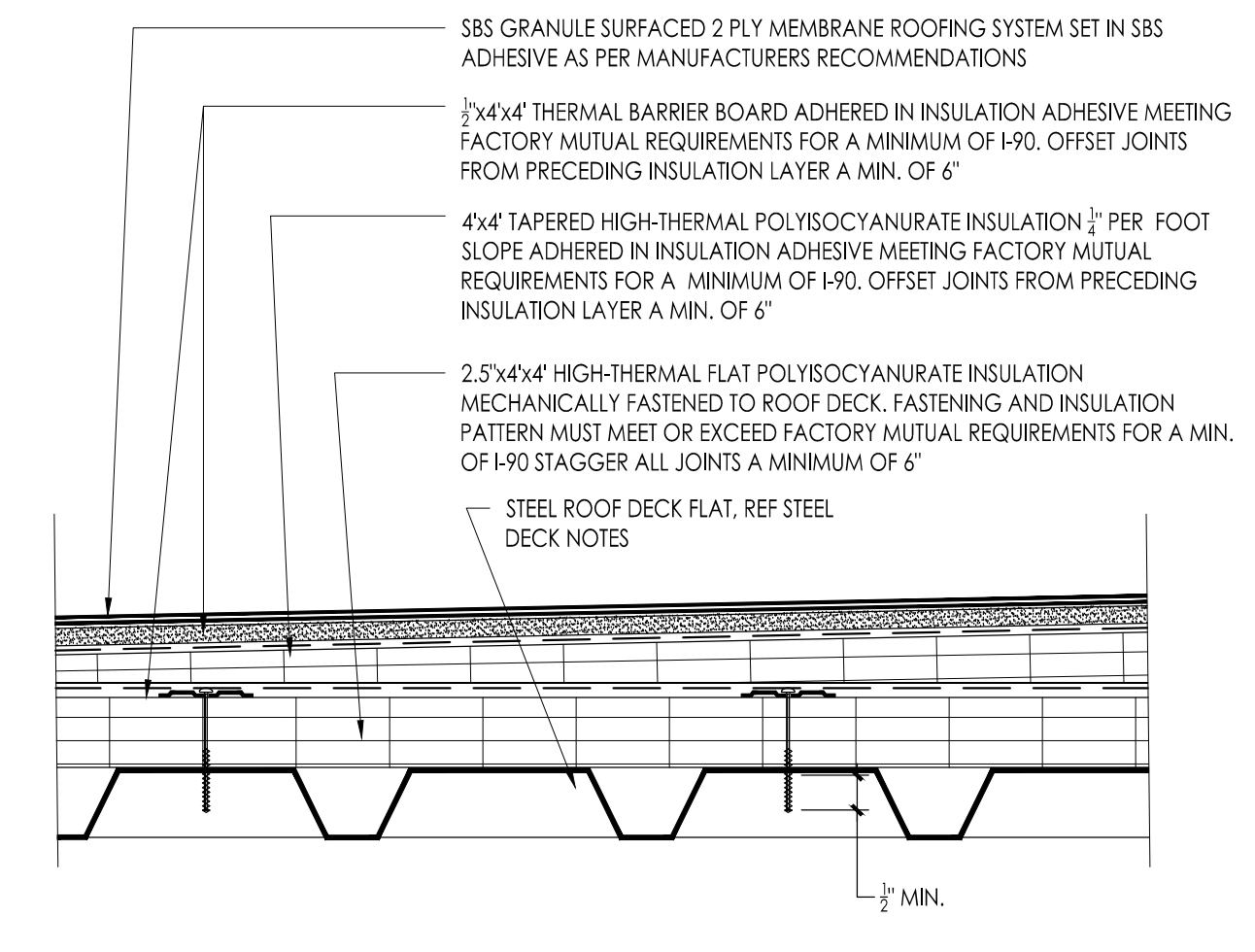


**A1** TYPICAL INSULATION ADHESIVE BEAD APPLICATION @ FIELD  
1"=1'-0"

**A2** TYPICAL INSULATION ADHESIVE BEAD APPLICATION @ PERIMETER  
1"=1'-0"



**A3** ALTERNATE ROOF PLAN  
1/4" = 1'-0"



**A** ROOF ASSEMBLY CANOPY ROOF  
3"=1'-0"

**CONSTRUCTION/DEMOLITION NOTES - SBS**

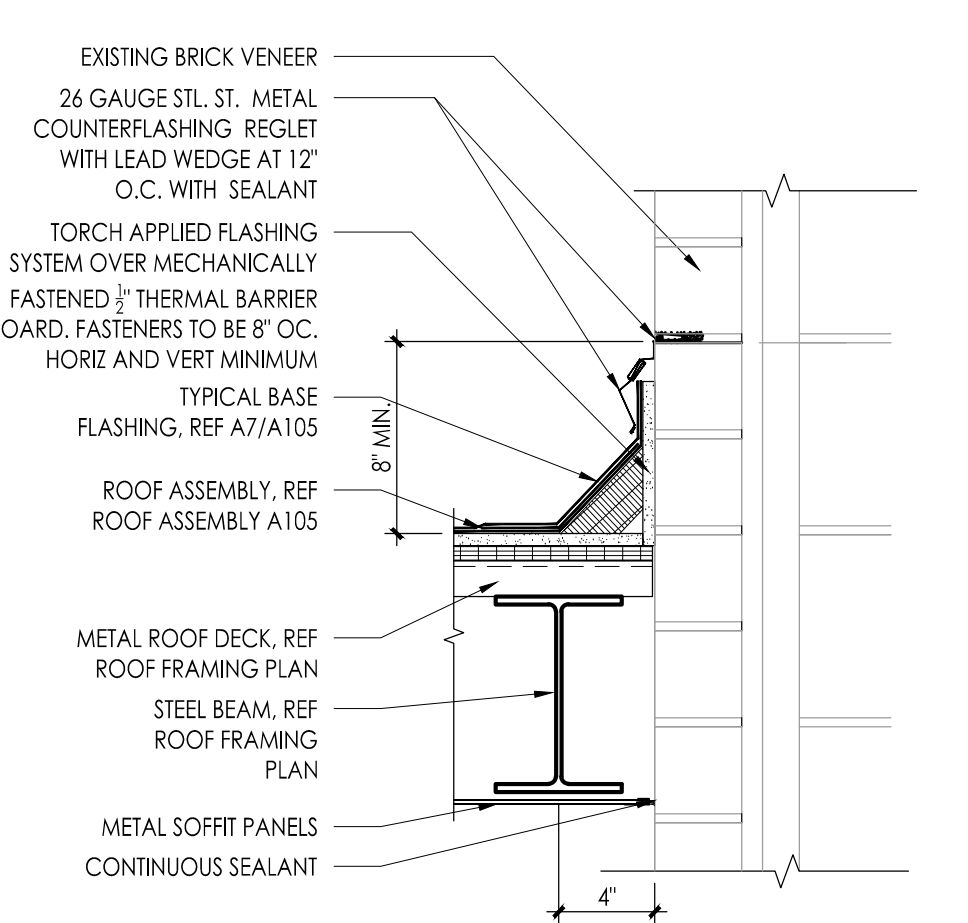
1. INSTALL ROOF PER ASSEMBLY NOTED ON PLAN AND SPECIFICATIONS. INSTALL WATER DIVERTING SADDLES/CRICKETS WHERE SHOWN ON PLANS WITH TAPERED INSULATION MINIMUM 1 1/2" PER FOOT SLOPE. SLOPE IS PERPENDICULAR TO SADDLE/CRICKET VALLEY LINE. DO NOT WALK OR RUN EQUIPMENT UPON NEWLY APPLIED ROOFING PLYS UNTIL THE ADHESIVE HAS SET UP TO ELIMINATE THE POTENTIAL FOR VOIDS.
2. INSTALL METAL EDGE SYSTEM. COLOR SELECTED BY ARCHITECT. INSTALL NEW WOOD BLOCKING, AS INDICATED IN ROOF EDGE DETAIL. EXTEND SMOOTH BASE PLY OF ROOF SYSTEM DOWN THE FACE OF WOOD AND OVER TOP OF FASCIA SQUARES METAL. INSTALL WATER CANT DAM AND STRIP WITH SMOOTH BASE PLY. INSTALL BASE FLASHING SYSTEM FROM THE ROOF UP AND OVER WATER CANT DAM. INSTALL METAL FASCIA AND EXTENDER SO THAT THE OUTSIDE VERTICAL LEGS OF THE PERIMETER METAL FLASHINGS EXTEND DOWN PAST THE TOP EDGE OF THE TOP OF METAL CLADDING BY 1". METAL EDGE SYSTEM MUST BE INCLUDED IN MANUFACTURER'S WARRANTY.
3. 1/2" PER FOOT SLOPED TAPERED INSULATION CRICKET
4. TERMINATION OF METAL COPING AT RISING WALL. REF A4/A105 FOR 'SIM' CONDITION
5. EXISTING RISING WALL

**ROOF SYMBOLS**

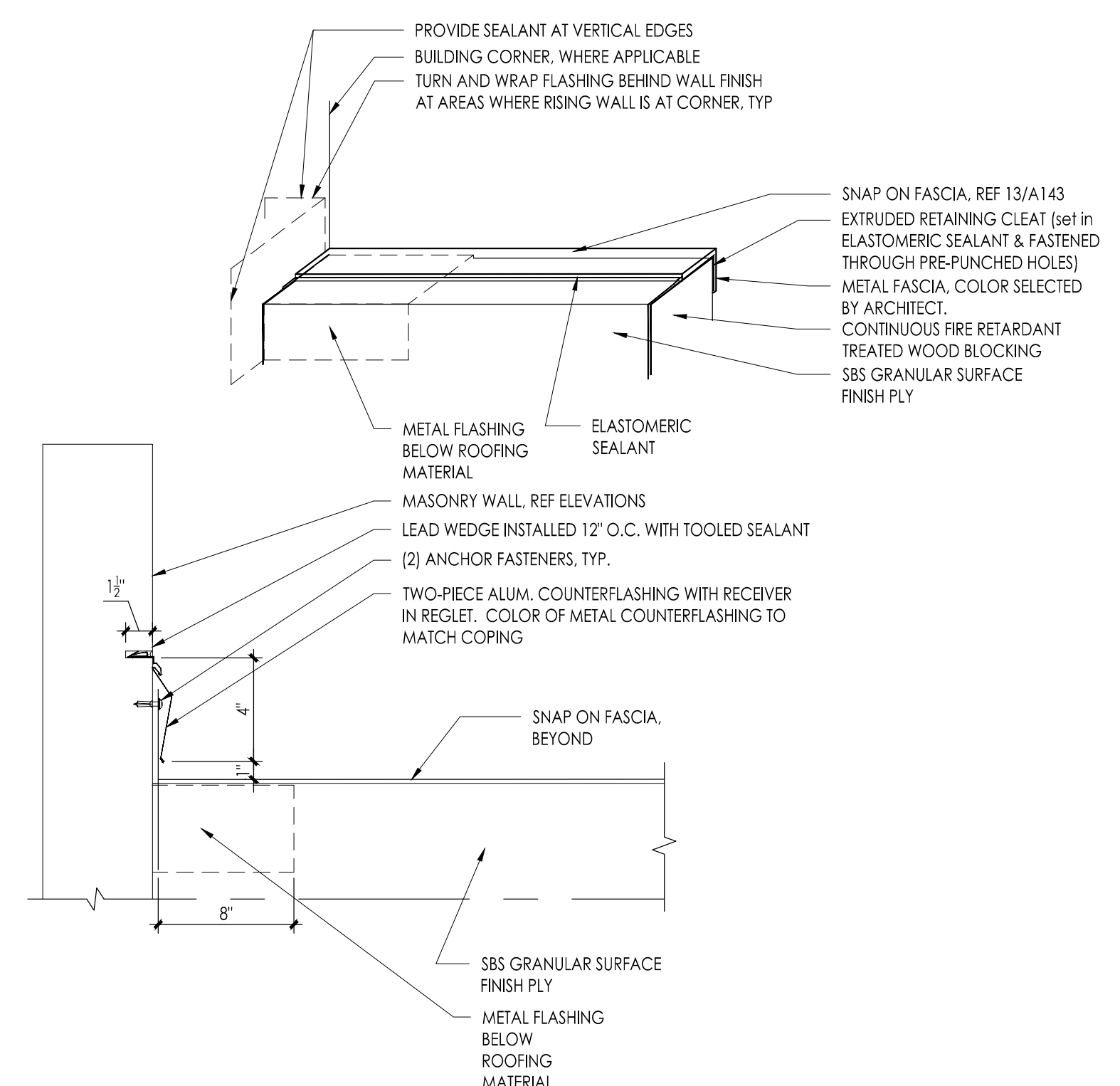
- 1. FLASHING DETAIL AND DRAWING NUMBER
- 2. CONSTRUCTION NOTE FOR SBS
- 3. DIRECTION OF ROOF SLOPE
- 4. 1/2" PER FOOT SLOPED TAPERED INSULATION CRICKETS
- 5. ROOF ASSEMBLY TYPE

**GENERAL CONSTRUCTION AND DEMOLITION NOTES:**

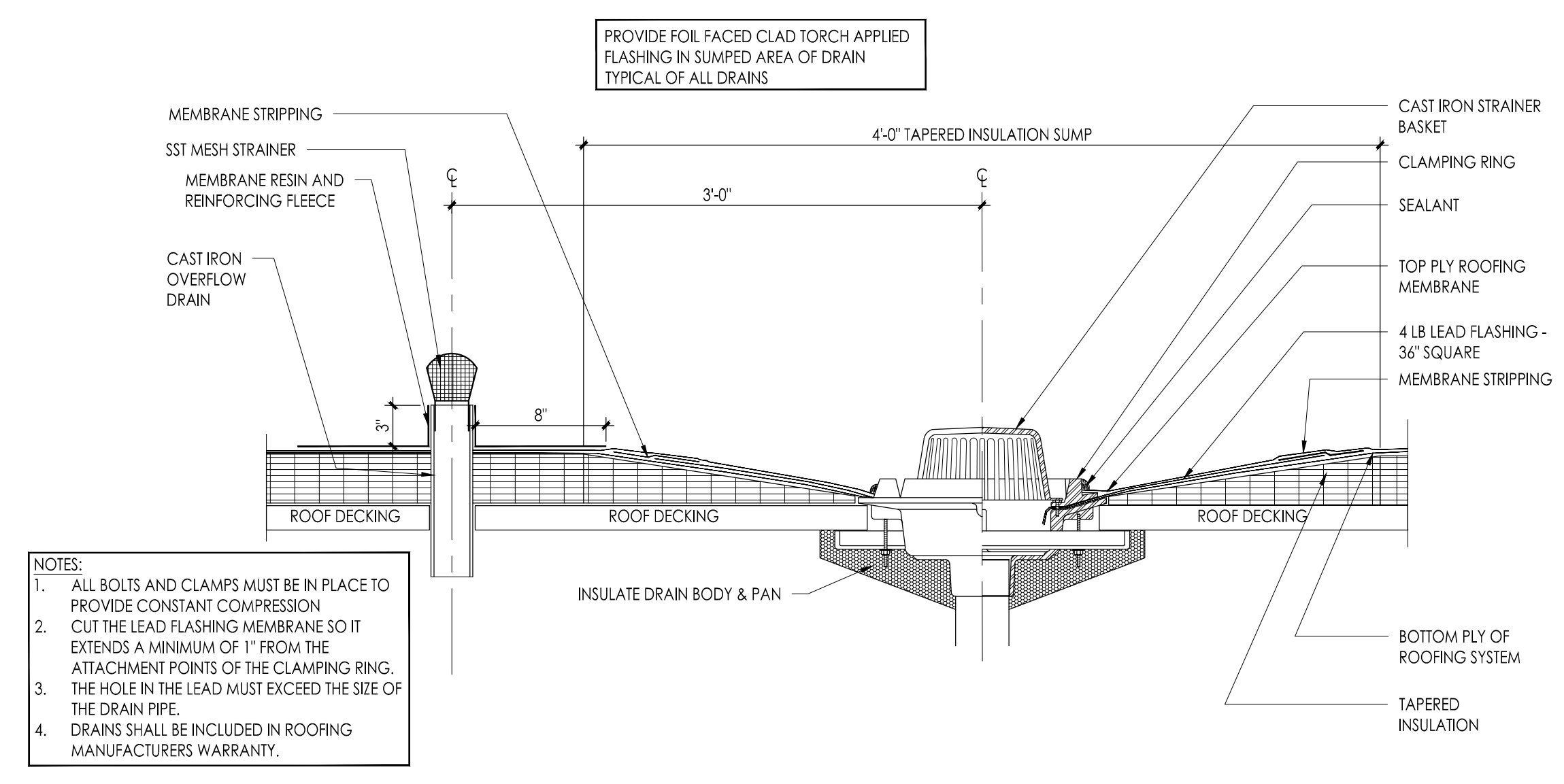
- PROVIDE ROOFING MATERIALS THAT COMPLY WITH A CLASS "A" SYSTEM.
- ALL WORK PERTAINING TO THESE DRAWINGS SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES AND WITH ALL AGENCIES HAVING JURISDICTION.
- INSTALL WATER DIVERTING CRICKETS AS SHOWN ON PLAN.
- IF WOOD BLOCKING SHOWN ON DRAWINGS IS DIAGRAMATIC, PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING CONSTRUCTION IN THICKNESS AND HEIGHT TO MATCH THICKNESS OF INSULATION AND/OR TAPERED INSTALLATION AS RECOMMENDED BY ROOFING MANUFACTURER AND TO MAINTAIN A CONSTANT ROOF EDGE ELEVATION IN A HORIZONTAL PLANE UNLESS NOTED OTHERWISE.
- ALL CONDITIONS MEETING THE ROOF SURFACE PERPENDICULAR MUST HAVE A MINIMUM 8" FLASHING HEIGHT.
- DO NOT SCALE THE DRAWINGS.
- ALL LOW SLOPED ROOF AREAS ARE 1/2" PER FOOT IN THE FIELD AND 1/2" PER FOOT AT THE CRICKETS. SLOPE OF CRICKET IS PERPENDICULAR TO CRICKET VALLEY LINE.
- THE ROOFING CONTRACTOR IS RESPONSIBLE FOR FOLLOWING ALL GOOD ROOFING PRACTICES INCLUDING THOSE SET FORTH BY THE ROOFING MATERIALS MANUFACTURER, THE SMACNA SHEET METAL MANUAL, FACTORY MUTUAL, UNDERWRITERS LABORATORIES, AND THE NRCA'S ROOFING AND WATERPROOFING MANUAL.
- NOT USED.
- PRIME ALL SURFACES WHICH ARE TO RECEIVE BITUMINOUS ROOFING.
- INSTALL ENVELOPE EDGES TO ELIMINATE THE POTENTIAL FOR BITUMEN AND ADHESIVE DRIPPAGE INTO THE BUILDING.
- ALL WOOD BLOCKING TO BE FRT. (FIRE RETARDANT LUMBER).
- CONTRACTOR SHALL AT ALL TIMES HAVE A FULL SET OF DRAWINGS AND SPECIFICATIONS ON ROOF TOP WHILE WORK IS IN PROGRESS.
- CONTRACTOR RESPONSIBLE TO RECTIFY ANY PONDING WATER ON FINISHED ROOF SURFACE THAT REMAINS AFTER 48 HOURS AT NO ADDITIONAL COST.
- DETAILS NOTED TYPICAL TYP IMPLY ALL SUCH CONDITIONS BE TREATED SIMILARLY.
- NOT USED.
- UNDER NO CIRCUMSTANCES SHALL TORCH BASE FLASHING BE DIRECTLY APPLIED TO A COMBUSTIBLE SURFACE. PROVIDE A THERMAL BARRIER BOARD, OR SBS BASE PLY AS A BASE FOR ALL TORCH APPLICATIONS TYPICAL.
- THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM THE DEMOLITION CAREFULLY CAUSING NO DAMAGE TO EXISTING MATERIALS. ANY EXISTING FINISHES OR CONSTRUCTION DAMAGED BY THE ROOFING CONTRACTOR WILL BE HIS RESPONSIBILITY TO REPAIR TO THE SATISFACTION OF THE ARCHITECT AT NO ADDITIONAL COST TO OWNER PRIOR TO THE COMMENCEMENT OF WORK. ARCHITECT & ROOFING CONTRACTOR WILL INSPECT PROJECT AND NOTE EXISTING DAMAGES TO FINISHES OR CONSTRUCTION.
- NOT USED.
- THE ROOFING CONTRACTOR SHALL COORDINATE ALL DUMPSTER STAGING AND TRUCK ROUTES WITH THE GC. THE ROOFING CONTRACTOR SHALL PROTECT ALL EXISTING PAVED AND PLANTED AREAS. THE GC SHALL REPAIR ANY PAVED OR PLANTED AREAS TO THE SATISFACTION OF THE OWNER. THE REPAIRS ARE TO INCLUDE BUT ARE NOT LIMITED TO, REPAVING OF ASPHALT DRIVEWAYS AND PARKING LOTS, REGRADING AND SEEDING OF LAWN AND PLAYGROUND AREAS AND REPLACING DAMAGED PLANTS, SHRUBS, ETC. ALL REPAIRS AND RESTORATIONS SHALL BE DONE AT NO ADDITIONAL COST IN THE CONTRACT PRICE.
- ALL TAGGED DETAILS ARE TYPICAL FOR THE ITEM OR SYSTEM INDICATED. THE SCOPE OF WORK INDICATED AS PART OF THE TAG OR DETAIL MARK SHALL APPLY TO ALL OTHER SIMILAR SYMBOLS OR ITEMS.
- IF THE EXG BUILDING IS OCCUPIED, THE ROOFING CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND FOR THE SAFETY OF ALL PERSONS AT THE PROJECT SITE.
- FOR PURPOSES OF THIS PROJECT, REMOVE SHALL MEAN REMOVE AND DISPOSE OF SAME OFF SITE IN AN APPROVED AND LEGAL MANNER.
- THE TERM TYP FOLLOWING A NOTE, TAG, OR DETAIL FLAG INDICATED THAT ALL LIKE, SIMILAR, OR INDICATED ITEMS SHALL BE PROVIDED WITH THE SPECIFIED DETAIL, NOTE, OR SPECIFICATION.
- REFERENCE DETAILS A1/A105 AND A2/A105 FOR TYPICAL ADHESIVE BEAD DETAILS FOR THE FIELD AND EDGE OF ROOF.



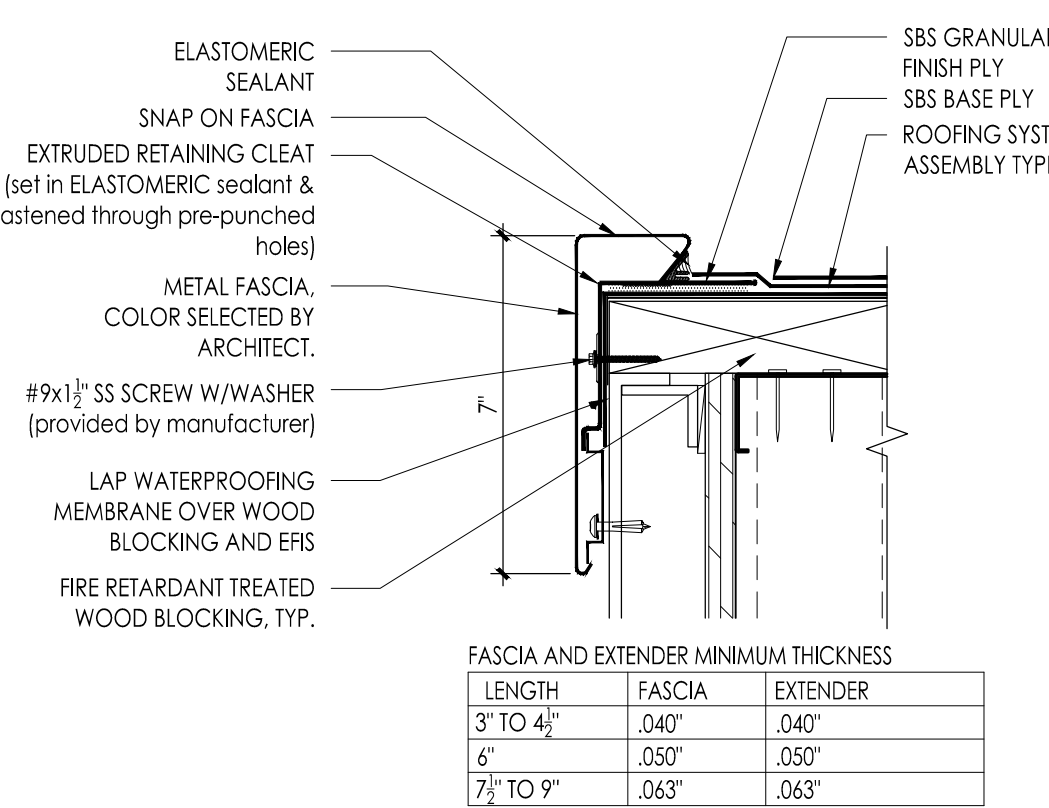
**A3** TYPICAL FLASHING DETAIL  
1-1/2" = 1'-0"



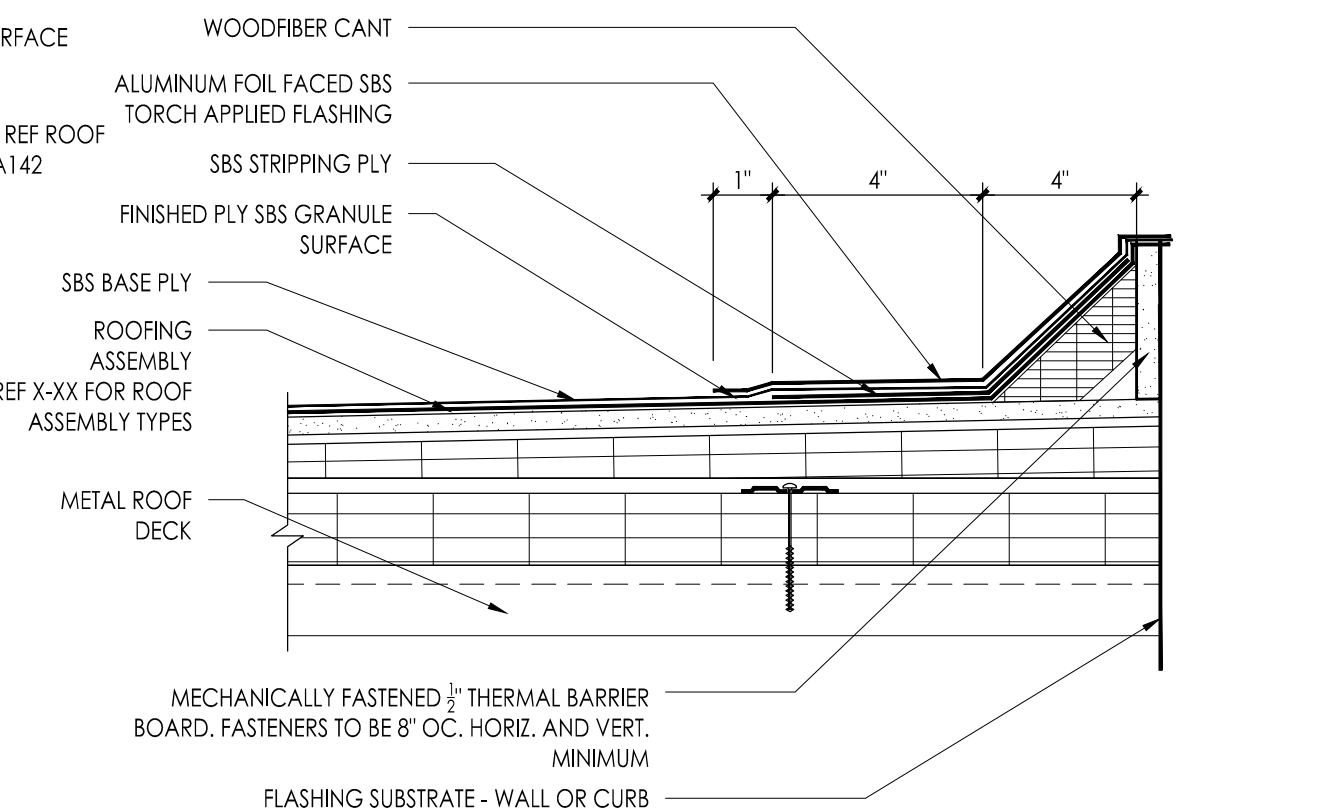
**A4** TYPICAL METAL COPING COVER TERMINATION AT RISING WALL  
Scale: 1-1/2" = 1'-0"



**A5** TYPICAL NEW ROOF DRAIN & OVERFLOW DRAIN DETAIL  
1-1/2" = 1'-0"



**A6** TYPICAL COPING AT PARAPET WALL  
Scale: 3" = 1'-0"



**A7** TYPICAL BASE FLASHING DETAIL  
Scale: 3" = 1'-0"

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL

Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION

Project Location: 5801 3rd ST, MAYS LANDING, NJ 08330

Project Number: 4937B

Project Date: 02.15.2019

Checked By: JJV

Drawn By: BO

Scale: AS NOTED

Drawing Name: ALTERNATE CANOPY ROOF PLAN NOTES AND DETAILS

Drawing Number: A105

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL

Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION

Project Location: 5801 3rd ST, MAYS LANDING, NJ 08330

Project Number: 4937B

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Project Location: 5801 3rd ST, MAYS LANDING, NJ 08330

Project Number: 4937B

Project Date: 02.15.2019

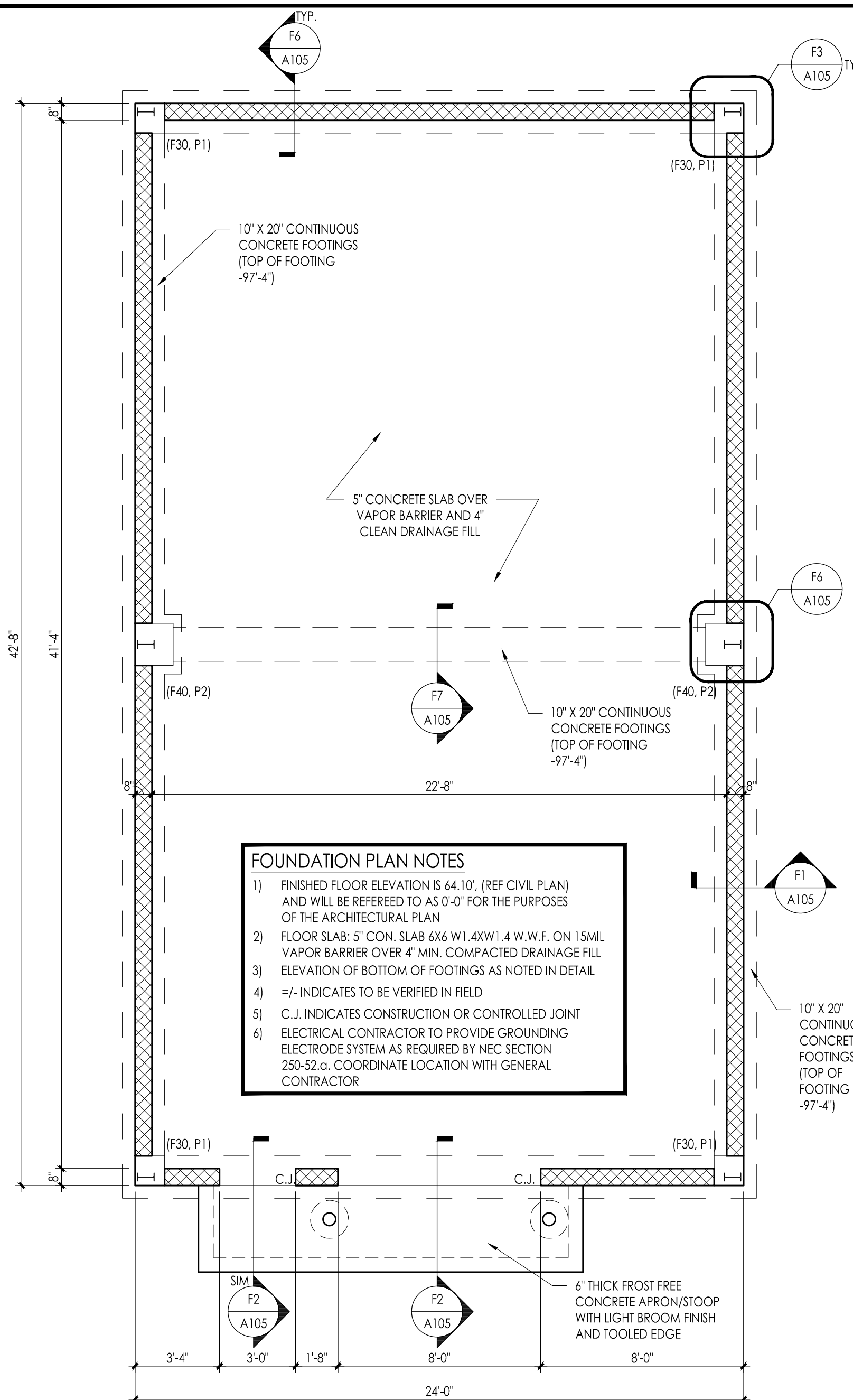
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Drawn By: BO

Scale: AS NOTED

Drawing Name: ALTERNATE CANOPY ROOF PLAN NOTES AND DETAILS

Drawing Number: A105



**FOUNDATION PLAN NOTES**

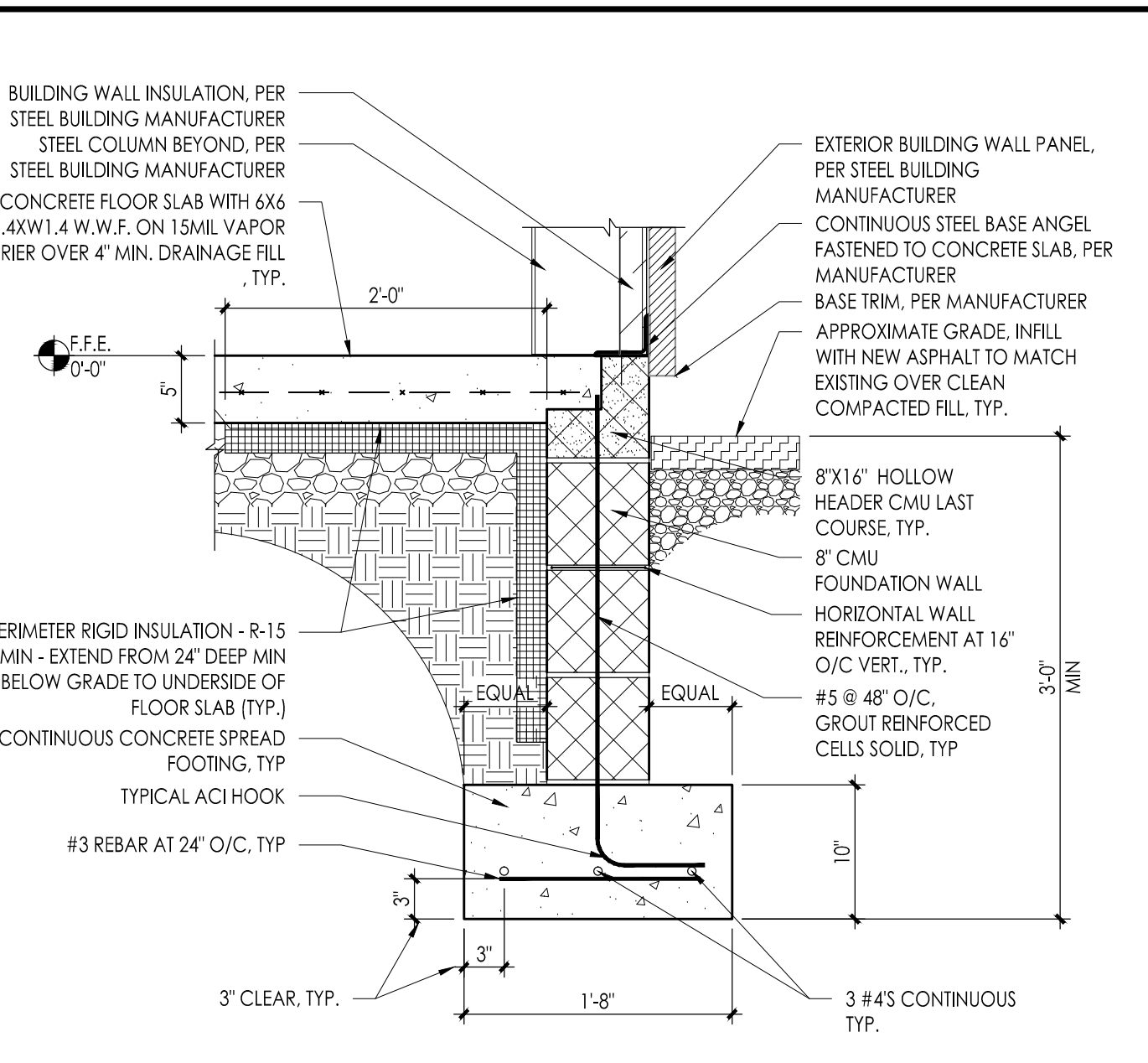
- 1) FINISHED FLOOR ELEVATION IS 64.10'. (REF CIVIL PLAN) AND WILL BE REFERRED TO AS 0'-0" FOR THE PURPOSES OF THE ARCHITECTURAL PLAN.
- 2) FLOOR SLAB: 5" CON. SLAB 6X6 W/ 4XW1.4 W.W.F. ON 15MIL VAPOR BARRIER OVER 4" MIN. COMPACTED DRAINAGE FILL.
- 3) ELEVATION OF BOTTOM OF FOOTINGS AS NOTED IN DETAIL.
- 4) -7- INDICATES TO BE VIEWED IN FIELD.
- 5) C.I. INDICATES CONSTRUCTION OR CONTROLLED JOINT.
- 6) ELECTRICAL CONTRACTOR TO PROVIDE GROUNDING ELECTRODE SYSTEM AS REQUIRED BY NEC SECTION 250-52.6. COORDINATE LOCATION WITH GENERAL CONTRACTOR.

- FOUNDATION NOTES**
- 1) ALL FOOTINGS SHALL BEAR ON SOIL HAVING A MINIMUM SAFE BEARING CAPACITY OF 2.5 TONS PER SQUARE FOOT.
  - 2) DETAILS GIVING CORRESPOND TO THE COMPUTED BOTTOM OF FOOTINGS AND ARE MINIMUM DETAILS WHICH ARE NOT CONSIDERED AS LIMITED IN ANY WAY THE DEPTH REQUIRED TO REACH GOOD BEARING.
  - 3) NO FOOTING SHALL BE PLACED IN WATER OR ON FROZEN GROUND.
  - 4) NO FILL OR BACK FILL SHALL BE PLACED OVER OR AGAINST AT SUCH TIME, OR IN A MANNER, WHICH WOULD ENDANGER THE STABILITY OR OTHERWISE DAMAGE SUCH WORK.
- CONCRETE**
- 1) ALL CONCRETE WORK SHALL CONFORM TO THE LATEST EDITION OF THE ACI BUILDING CODE.
  - 2) ALL CONCRETE, EXCEPT SLABS ON GRADE, SHALL ATTAIN 3000 PSI COMPRESSIVE STRENGTH AT 28 DAYS. ALL CONCRETE FOR SLABS ON GRADE SHALL ATTAIN 3500 PSI COMPRESSIVE STRENGTH AT 28 DAYS.
- REINFORCING**
- 1) ALL REINFORCING BAR DETAILS SHALL CONFORM TO THE LATEST ACI CODE AND DETAILING MANUAL.
  - 2) ALL BARS SHALL BE ASTM A615 GRADE 60.
  - 3) WELDED WIRE FABRIC SHALL BE ASTM A185.
  - 4) CLEARANCE OF MAIN REINFORCEMENT FROM ADJACENT SURFACES, UNLESS SHOWN OTHERWISE, SHALL BE:
    - A) UNIFORM SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER: 3"
    - B) BOTTOM SURFACE OF SLAB ON GRADE: 3"
    - C) FORMED SURFACES IN CONTACT WITH GROUND OR EXPOSED TO WEATHER: #5 BARS OR SMALLER: 1"
  - 5) EXTERIOR WALL SURFACES: 2"
  - 6) ALL REINFORCEMENT SHALL BE INSPECTED AND APPROVED BY ARCHITECT BEFORE CONCRETE IS POURED.
  - 7) ELECTRICAL CONTRACTOR SHALL PROVIDE GROUNDING ELECTRODE SYSTEM AS REQUIRED BY NEC SECTION 250-52.6. COORDINATE LOCATION AND SCHEDULE WITH GENERAL CONTRACTOR.
- MASONRY**
- 1) ALL BLOCK WORK SHALL BE IN ACCORDANCE WITH LATEST IBC W/IN MODIFICATION AND OTHER APPLICABLE CODES.
  - 2) ALL BLOCK SHALL BE LIGHTWEIGHT AGGREGATE AND CONFORM TO ASTM C 90.
  - 3) MORTAR SHALL BE ASTM C 270, TYPE "M" FOR BELOW GRADE AND TYPE "M" OR "S" FOR ABOVE GRADE WORK.
  - 4) HORIZONTAL REINFORCING SHALL NO. 9 GAGE "TWO-WALL" OR EQUIVALENT.
  - 5) WHERE BLOCK FILL IS CALLED FOR ON DRAWINGS, USE TYPE "M" MORTAR OR CONCRETE WITH A COMPRESSIVE STRENGTH OF 2500 PSI IN ACCORDANCE WITH ASTM C 475.
  - 6) COORDINATE MASONRY WITH ALL TRADES REQUIRING ITEMS TO BE BUILT IN.
- MISCELLANEOUS**
- 1) CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SECTIONS AND ELEVATIONS ON JOB.
  - 2) CONSULT ALL OTHER DISCIPLINES DRAWINGS FOR VERIFICATION OF LOCATIONS AND DIMENSIONS OF INSERTS, OPENINGS, SLEEVES, WASHES REVEALS, EQUIPMENT PADS AND OTHER PRODUCT REQUIREMENTS.

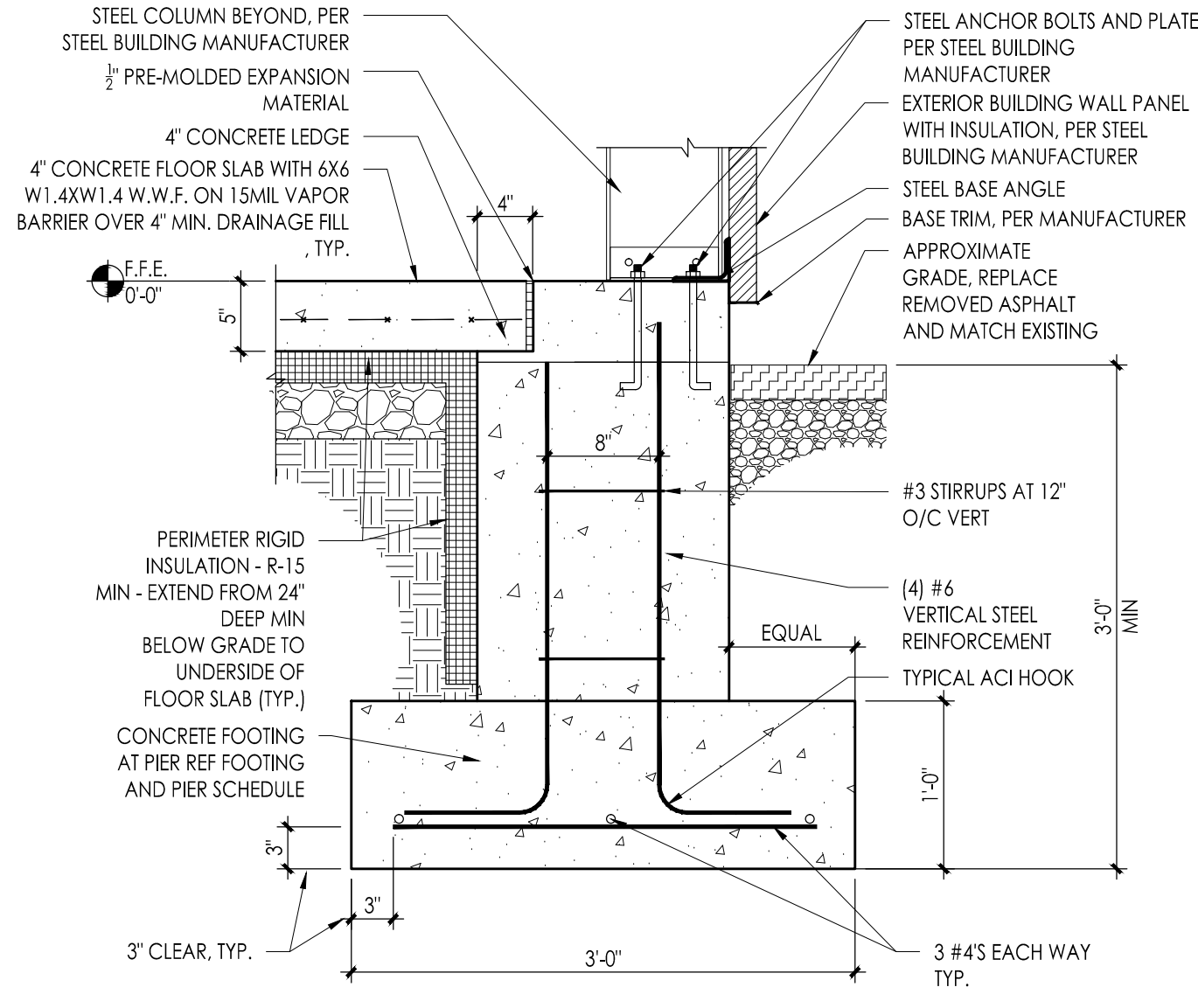
FOOTING SCHEDULE		
MARK	SIZE	REINFORCEMENT
F30	3'-0" X 3'-0" X 12"	(3) #4 E.W. BOT.
F40	4'-0" X 4'-0" X 12"	(4) #4 E.W. BOT.

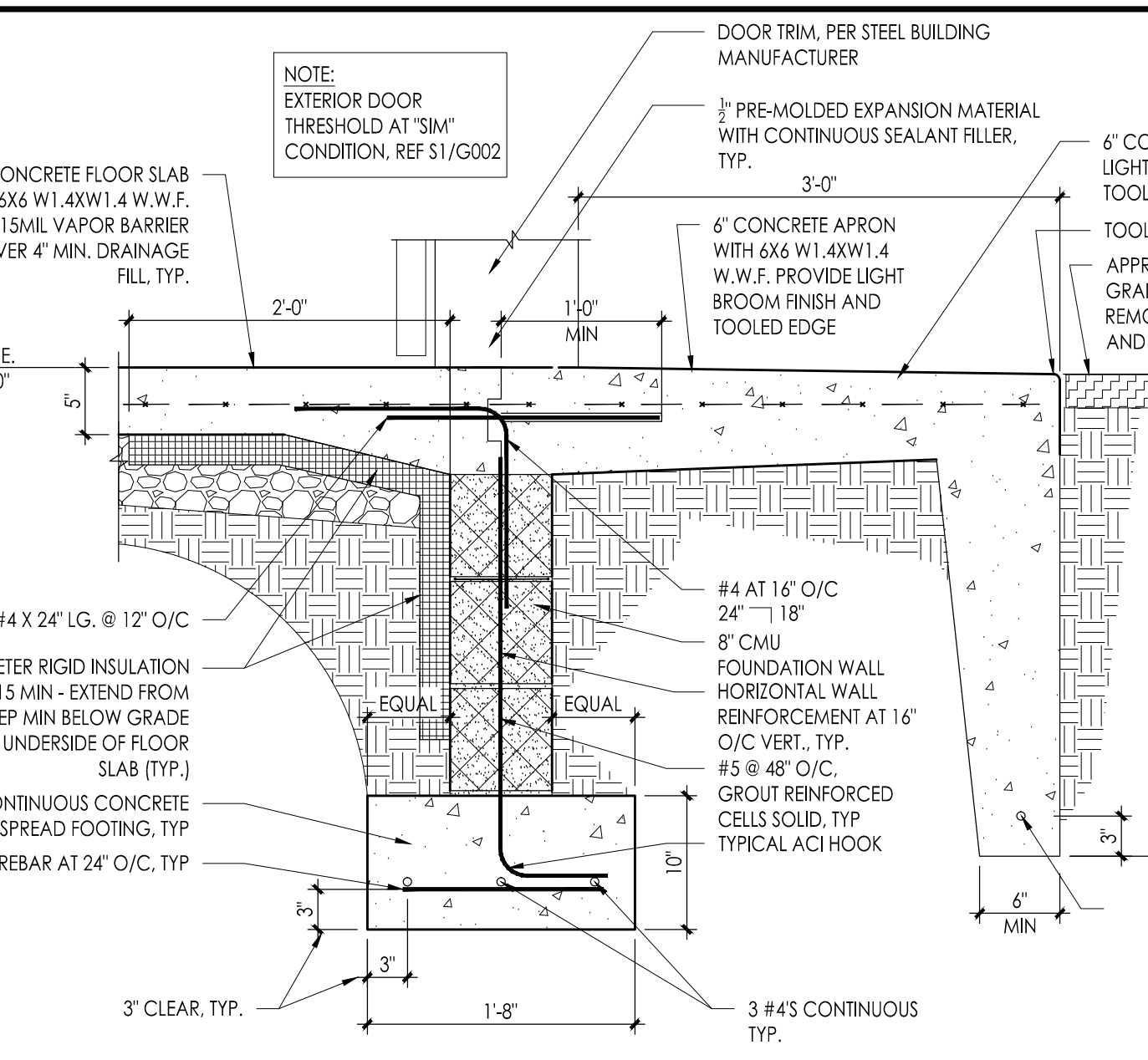
PIER SCHEDULE		
MARK	SIZE	REINFORCEMENT
P1	18" X 18"	(4) #5 VERT.
P2	18" X 18"	(5) #5 VERT.



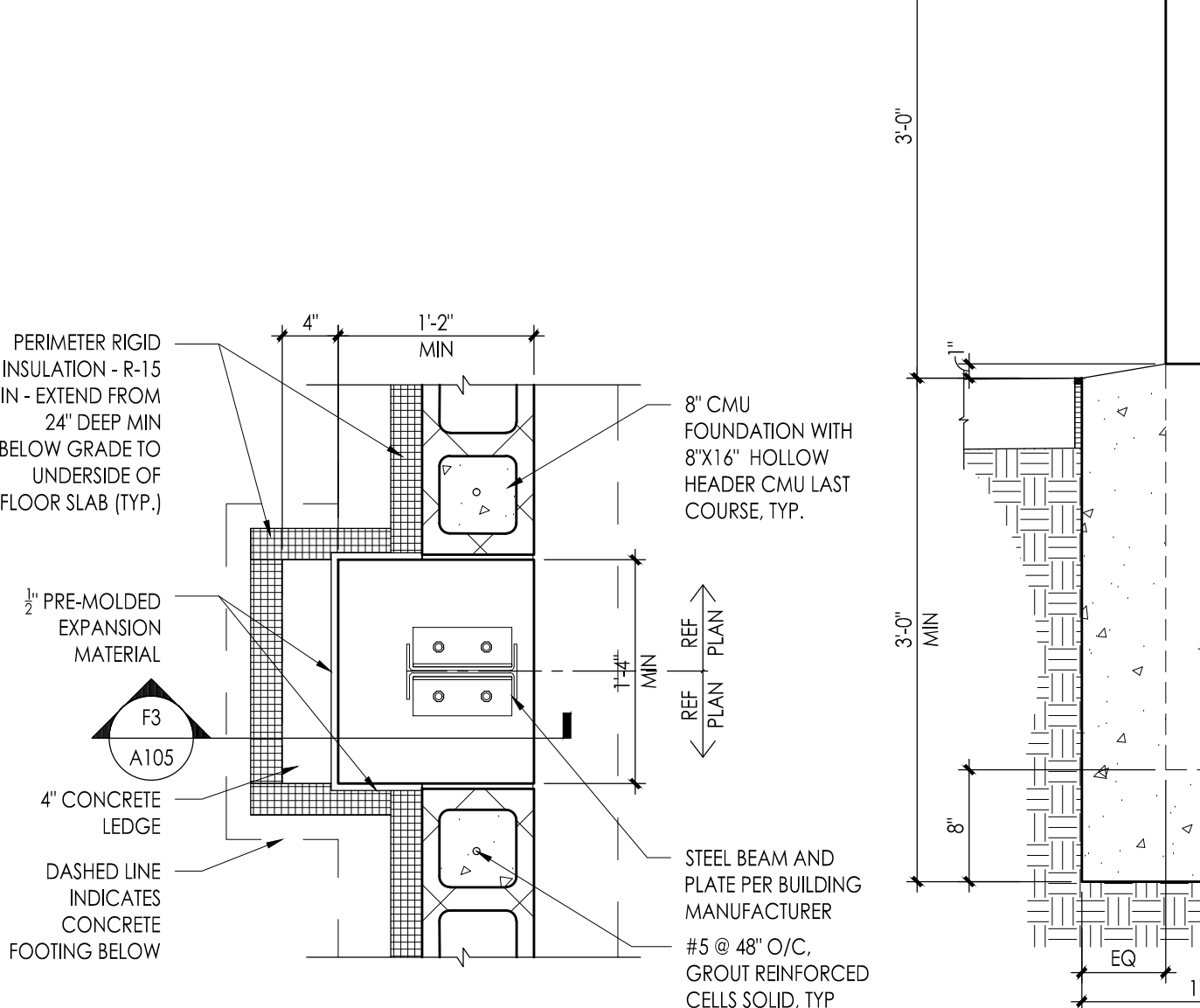
**F1 TYPICAL FOUNDATION WALL SECTION**  
1" = 1'-0"



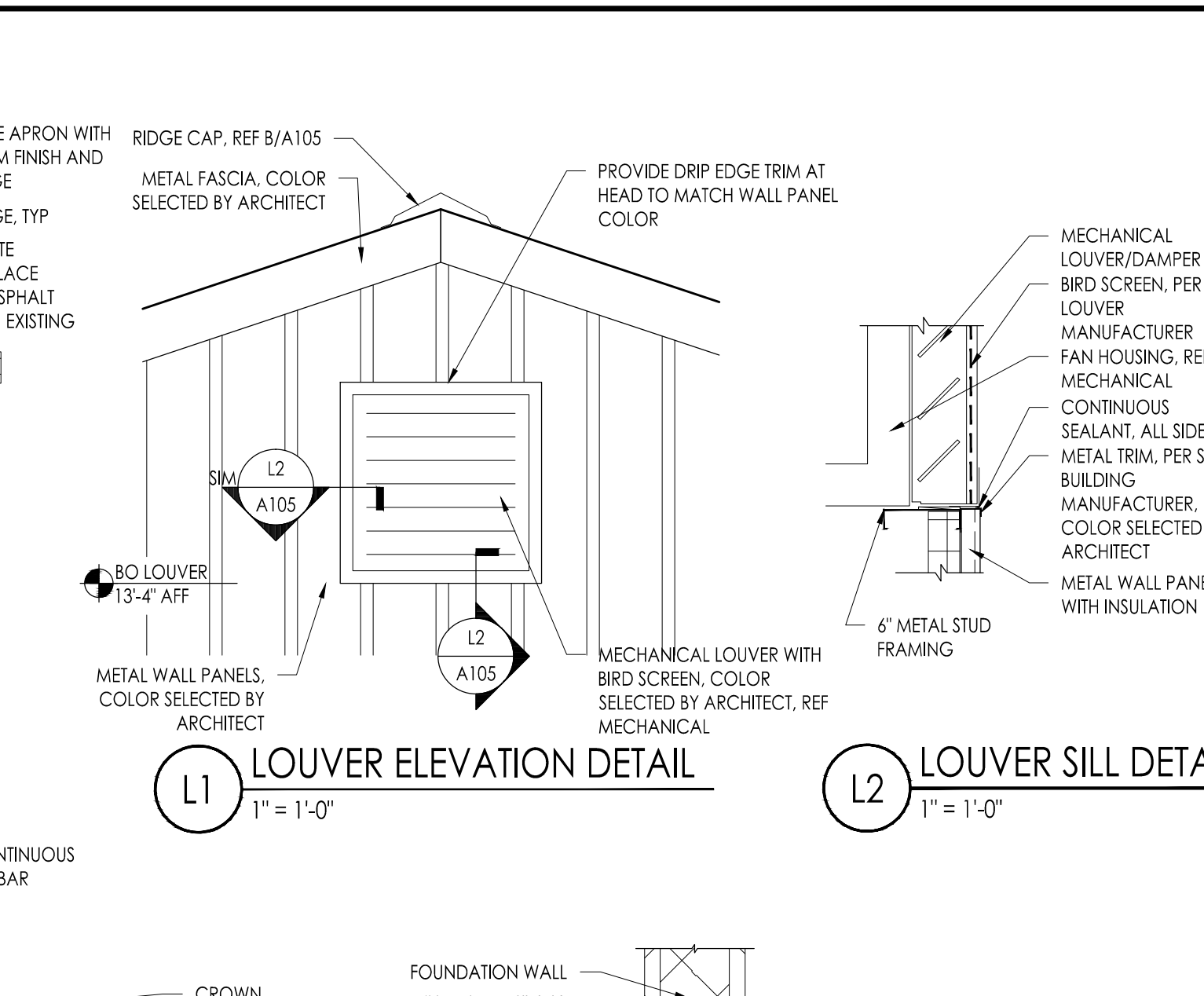
**F3 TYPICAL CORNER PIER SECTION (F30)**  
1" = 1'-0"



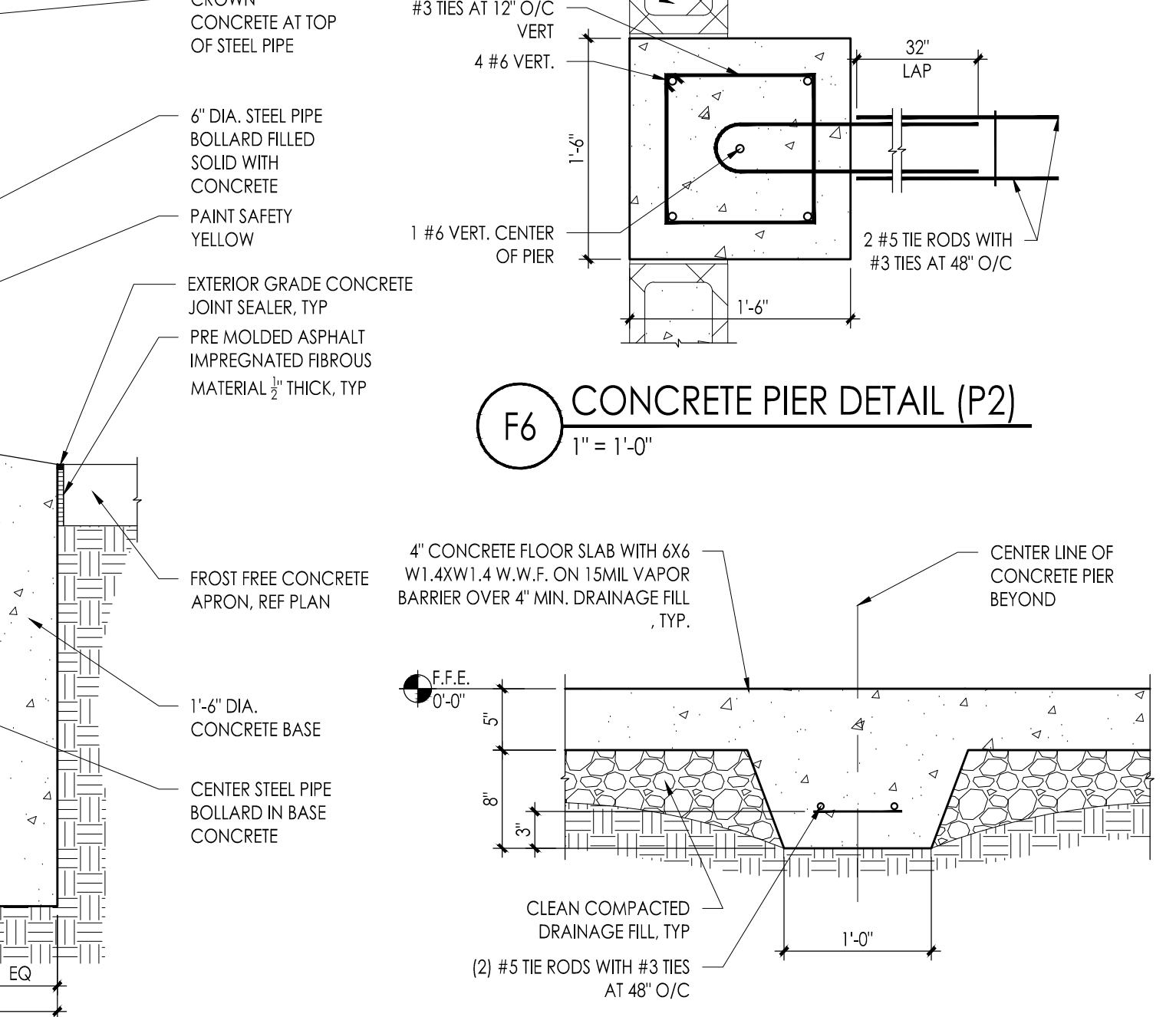
**F2 TYPICAL FOUNDATION WALL SECTION**  
1" = 1'-0"



**F4 CONCRETE PIER PLAN**  
1" = 1'-0"



**L1 LOUVER ELEVATION DETAIL**  
1" = 1'-0"

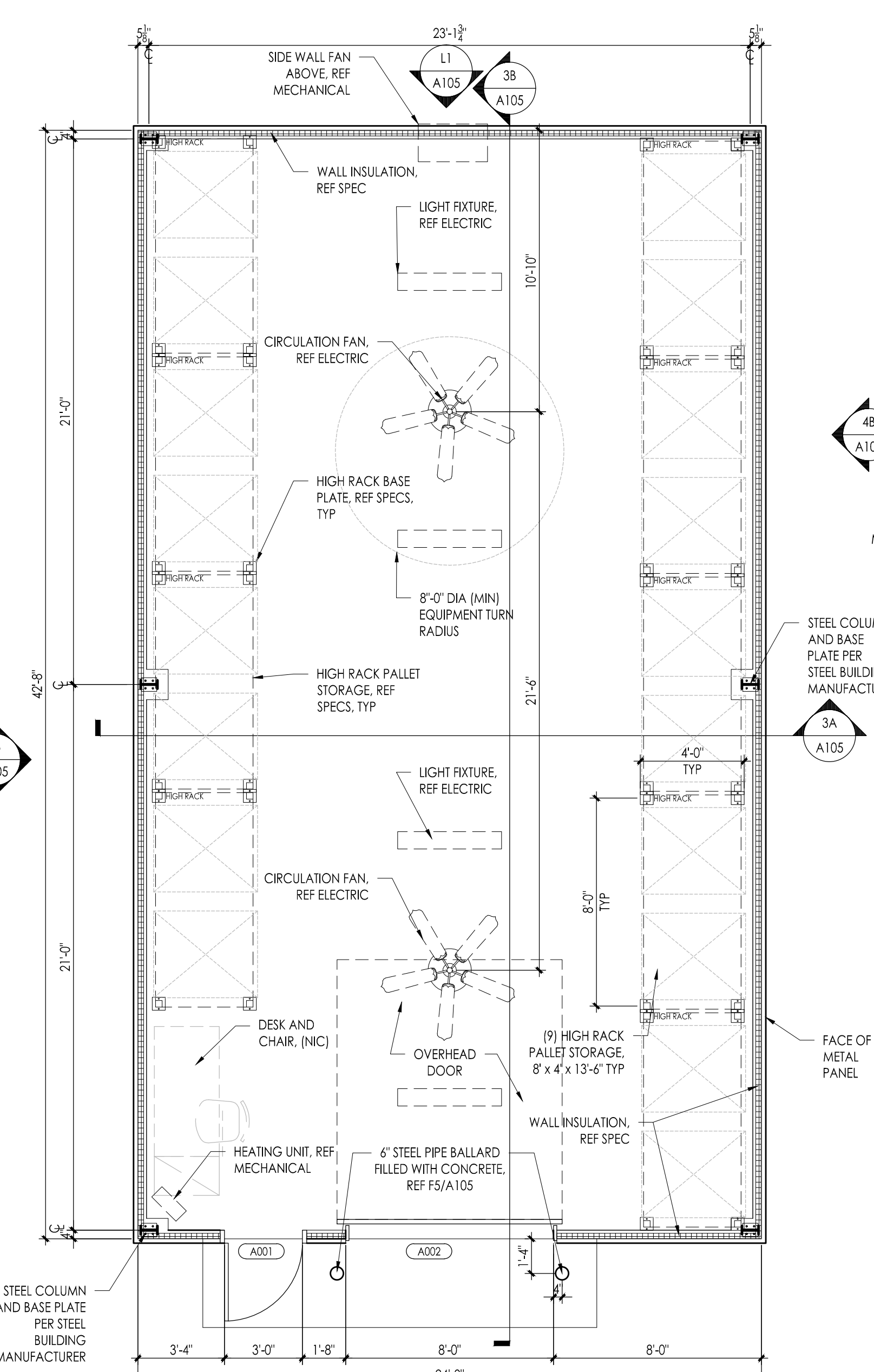


**P2 CONCRETE PIER DETAIL (P2)**  
1" = 1'-0"

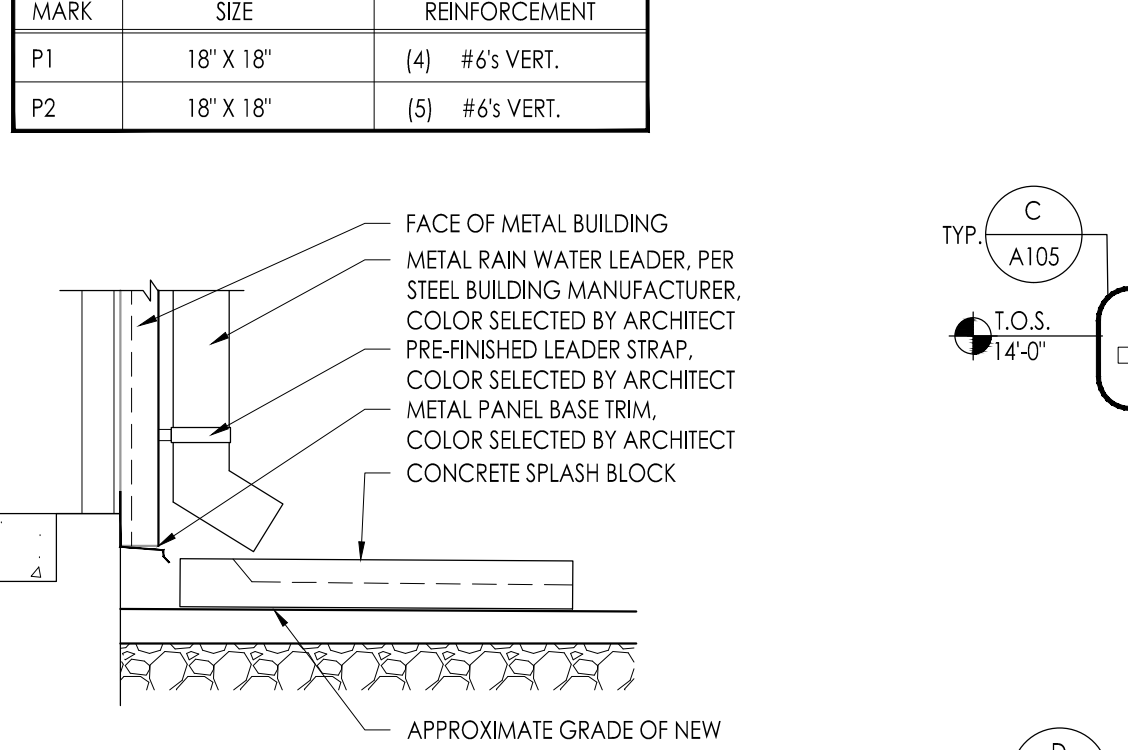
**F5 BOLLARD DETAIL**  
1" = 1'-0"

**F7 THICKENED SLAB WITH TIE RODS**  
1" = 1'-0"

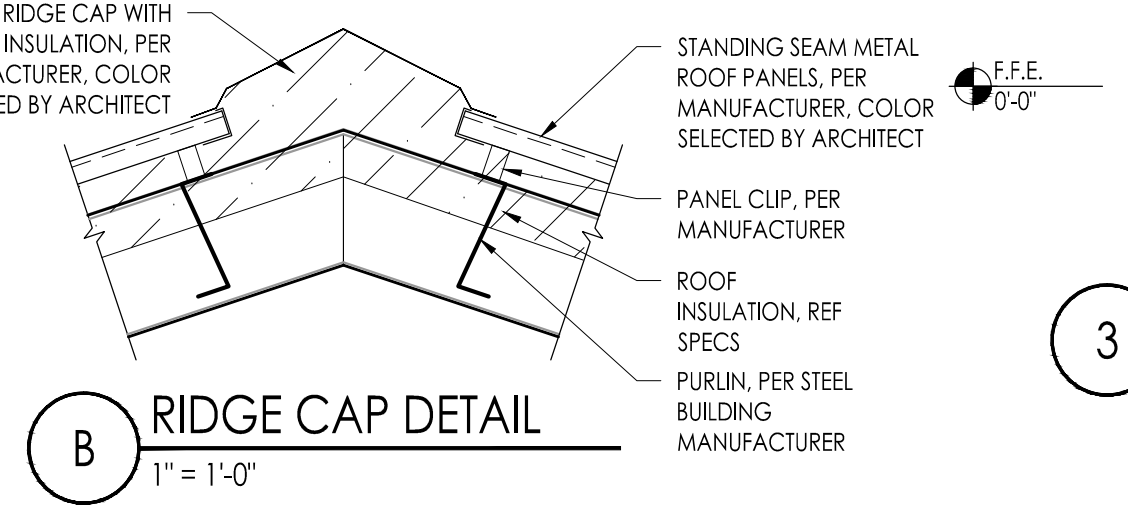
**FOUNDATION PLAN**  
1/4" = 1'-0"



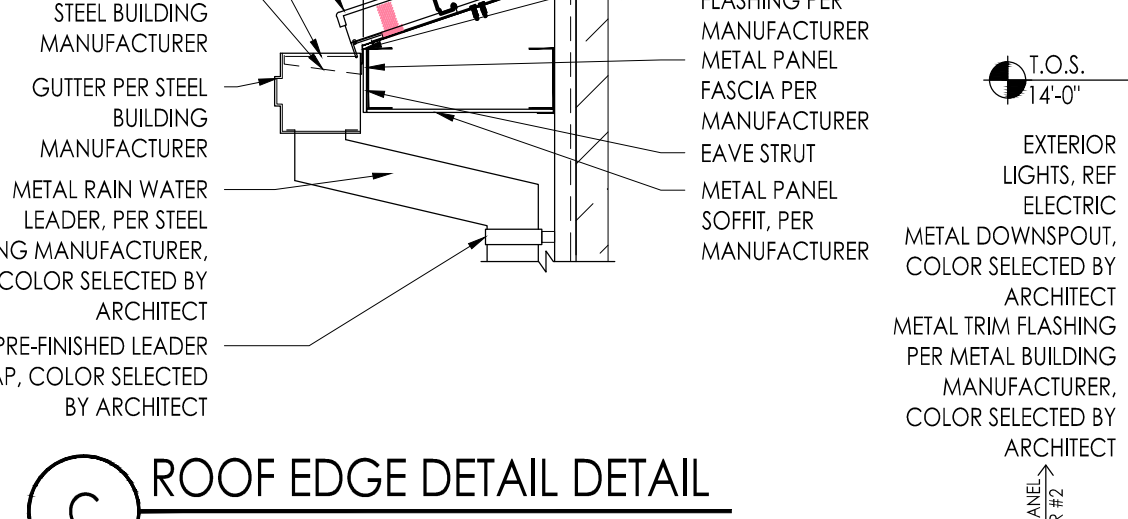
**FLOOR PLAN**  
1/4" = 1'-0"



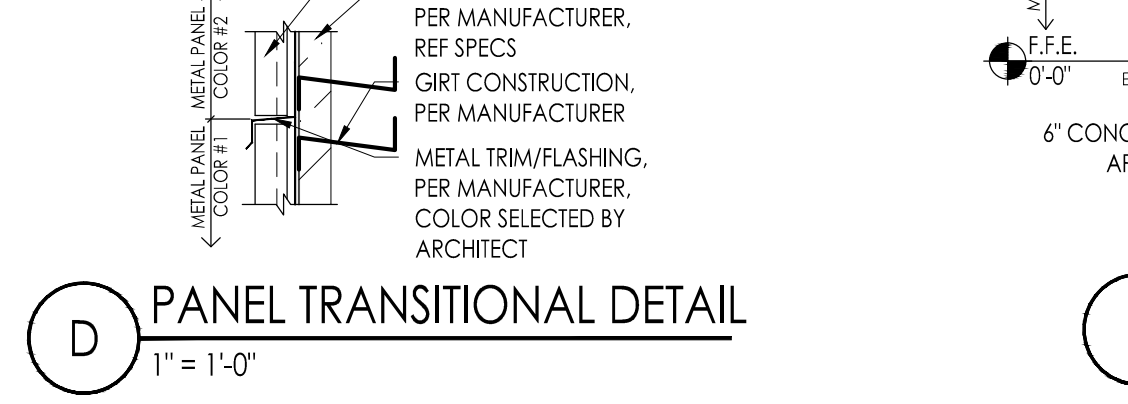
**A SPLASH BLOCK DETAIL**  
1" = 1'-0"



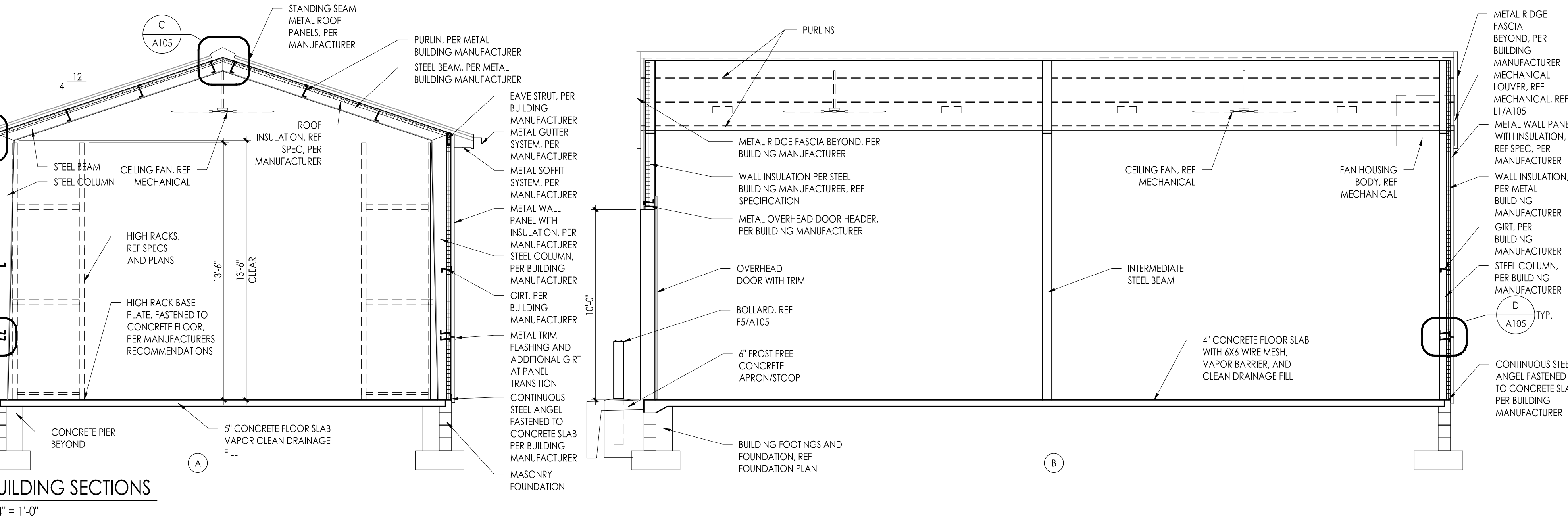
**B RIDGE CAP DETAIL**  
1" = 1'-0"



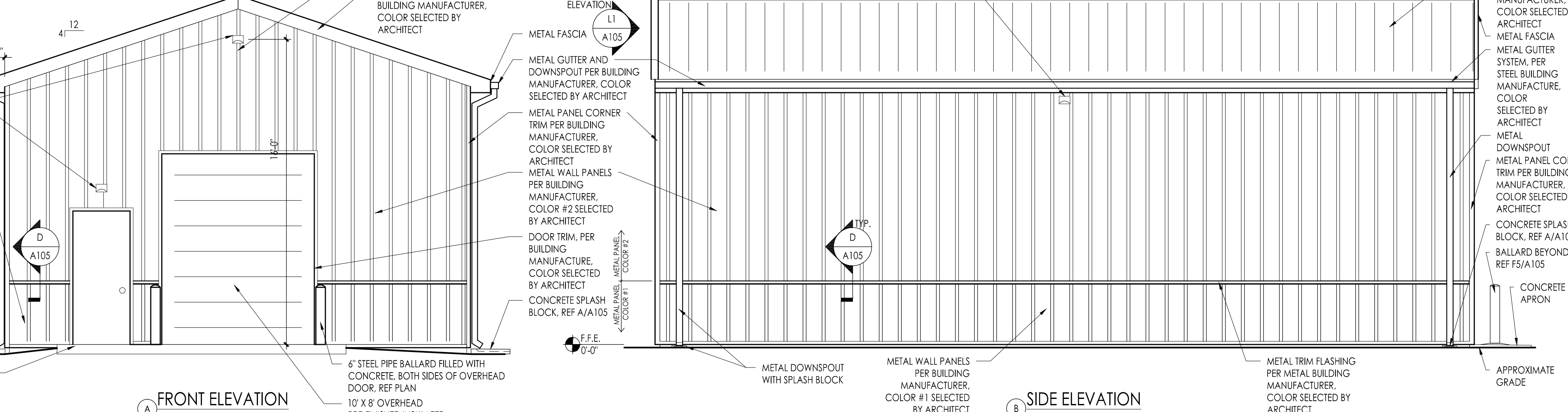
**C ROOF EDGE DETAIL DETAIL**  
1" = 1'-0"



**D PANEL TRANSITIONAL DETAIL**  
1" = 1'-0"



**3 BUILDING SECTIONS**  
1/4" = 1'-0"



**4 METAL BUILDING ELEVATIONS**  
1/4" = 1'-0"

JOHN J. VEISZ, AIA, CSRA  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 GEORGE R. DUTHIE, JR., AIA, PP  
 FVHHD architects planners  
 Fraykay Veisz Hopkins Duthie P.C.  
 1515 Lower Ferry Road - Trenton, New Jersey, 08628  
 140 Whitaker Ave - Mont Clear - Pennsylvania, 19433

ALTERATIONS AND RENOVATIONS TO  
**WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**1876 DENNIS FORMAN DR MAYS LANDING, NJ 08330**

Project Number  
**4937C**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**BO**  
 Scale  
**AS NOTED**

Drawing Name  
**PLANS SECTIONS DETAILS AND NOTES**

Revisions		
No.	Date	Description

Drawing Number  
**A105**

# EQUIPMENT SCHEDULE

# SHANER ELEMENTARY SCHOOL

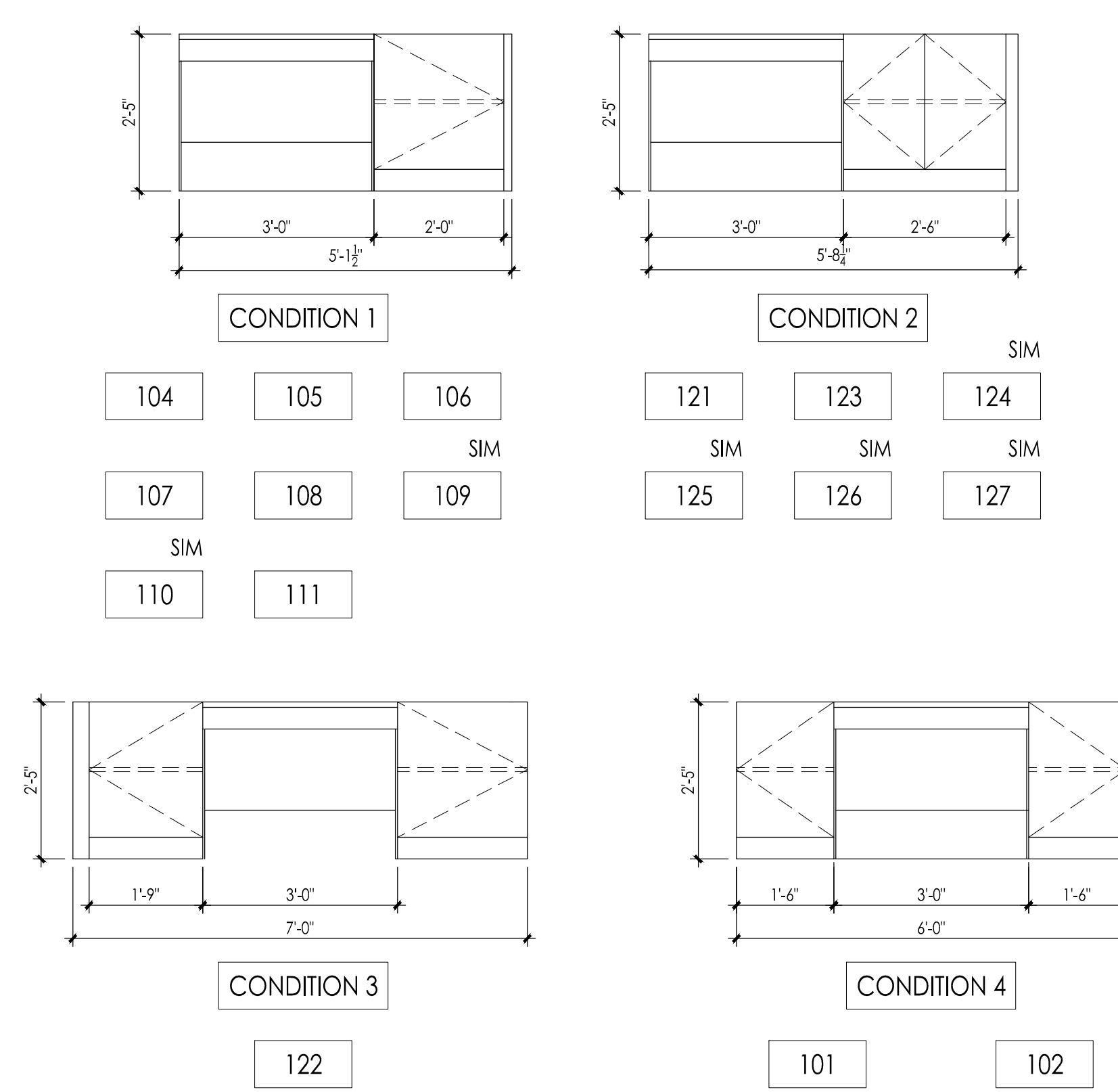
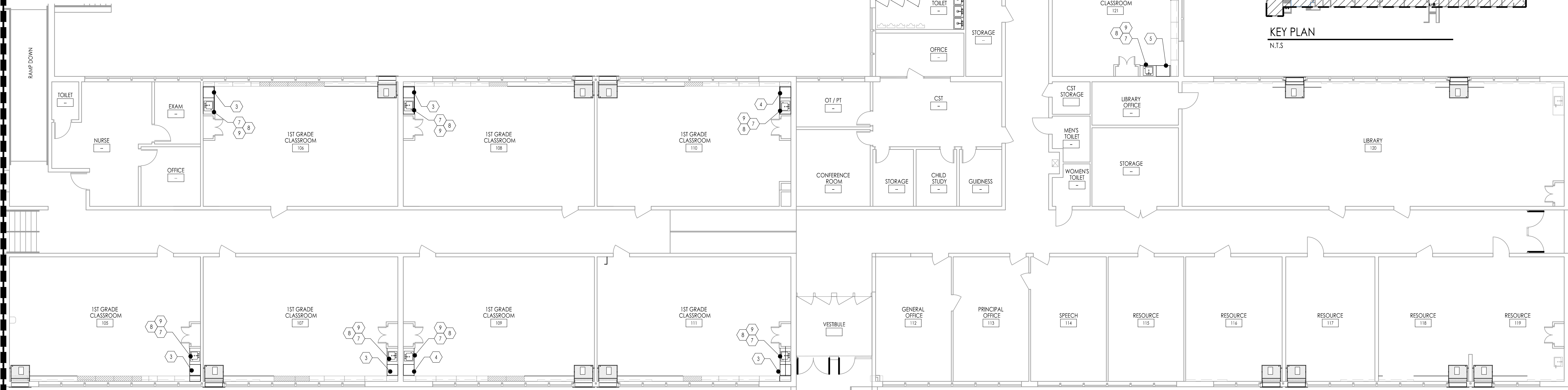
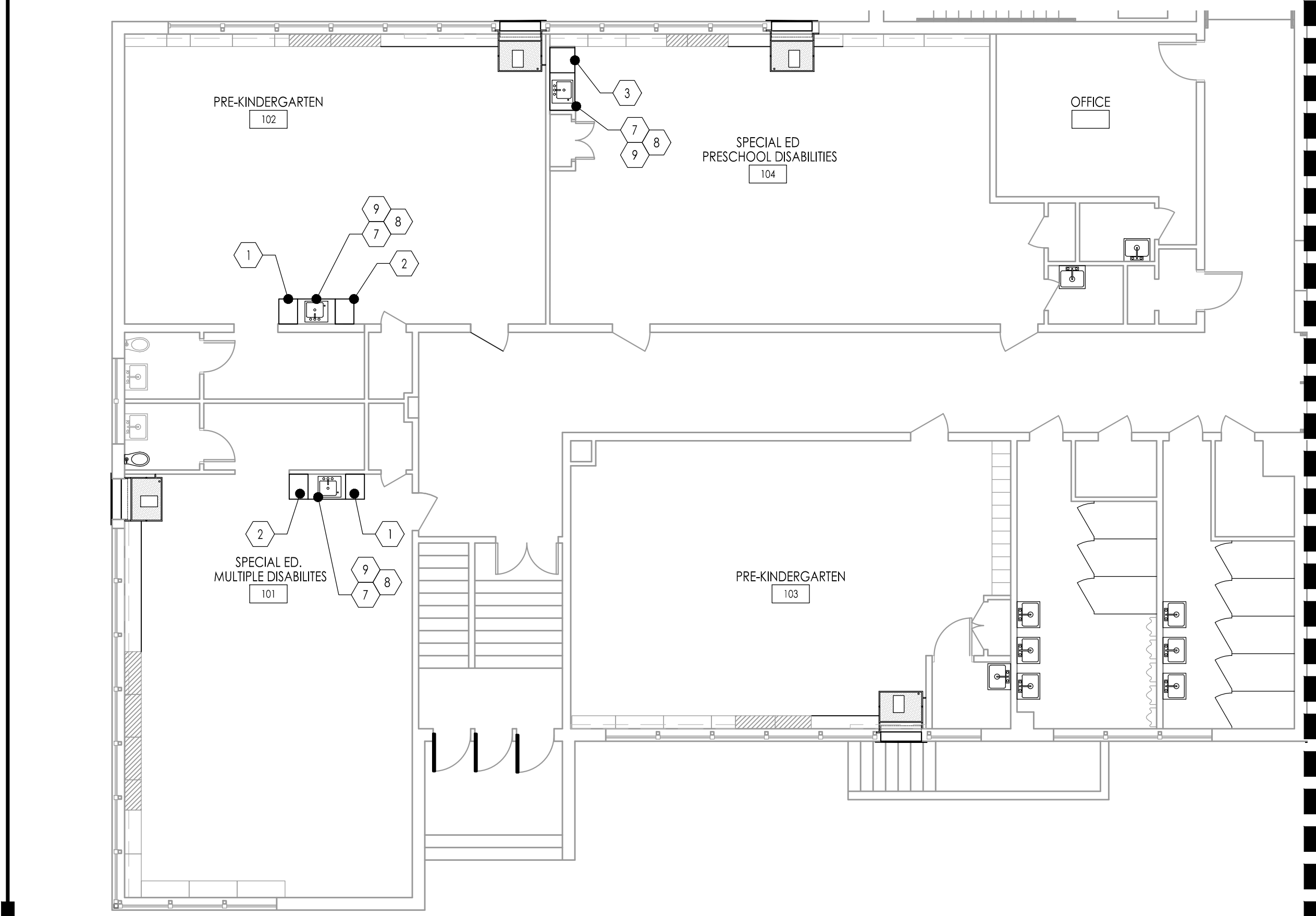
CONTRACT	ITEM	MANUFACTURER	CATALOG #	DESCRIPTION	WIDTH	DEPTH	HEIGHT	REMARKS
X	1	CAMPBELL-RHEA	2434	BASE CAB.- DOOR HINGED RIGHT	18"	22 1/2"	29"	n/a
X	2	CAMPBELL-RHEA	2434	BASE CAB.- DOOR HINGED LEFT	18"	22 1/2"	29"	n/a
X	3	CAMPBELL-RHEA	2438	BASE CAB.- DOOR HINGED RIGHT	24"	22 1/2"	29"	n/a
X	4	CAMPBELL-RHEA	2438	BASE CAB.- DOOR HINGED LEFT	24"	22 1/2"	29"	n/a
X	5	CAMPBELL-RHEA	2442	BASE CAB.	30"	22 1/2"	29"	n/a
X	6	CAMPBELL-RHEA	2434	BASE CAB.- DOOR HINGED LEFT	21"	22 1/2"	29"	n/a
X	7	CAMPBELL-RHEA	70738	B/W KNEESPACE RAIL	35"	22 1/2"	29"	TOP OF RAIL 29" AFF. MIN. 24" H. KNEE CLEARANCE. INCL. 87/60 CLOSURE PANEL
X	8	CAMPBELL-RHEA	8760	CLOSURE PANEL	33"	22 1/2"	29"	TO BE 29" HIGH
X	9	JUST	CRB2022B	B/W STAINLESS STEEL SINK W/ BUBBLER	22"	20"	6"	* CRB-ADA-2022-A-GR-SEE SINK NOTE 'X' BELOW

SINK NOTE 'X': (ITEM #xxx)  
 CRB-ADA-2022-A-GR JUST STAINLESS STEEL SINK W/ BUBBLER COMBINATION, "THE ACADEMIC GROUP A" SERIES, TYPE 304, LEDGE TYPE, FAUCET LEDGE REAR, BUBBLER LEDGE RIGHT, SINGLE COMPARTMENT, SELF-RIM, 18 GAUGE STAINLESS STEEL, 22" X 20" X 6" DEEP, SINK UNDERCOATED W/ SOUND DEADENING MATERIAL, FURNISH COMPLETE WITH JUST FAUCET (#J-1174-K3) CONCEALED HOT & COLD WATER MIXING FAUCET WITH SWIVEL GOOSENECK SPOUT, AERATOR & WRIST BLADE HANDLES. INCLUDE ONE JUST BUBBLER (#JB85) W/ SELF-CLOSING LEVER HANDLE. INCLUDE ONE JUST OFFSET DRAIN ASSEMBLY (#J-ADA-35-FS) W/ DRAIN INSULATING KIT (#J-ADA-150), JUST STAINLESS STEEL FLAT STRAINER & 4" LONG STAINLESS STEEL TAILPIECE (#J-SS-5F).  
 SINK, FAUCET, STRAINER AND TAILPIECE TO BE SUPPLIED BY EQUIPMENT CONTRACTOR. THE PLUMBING CONTRACTOR SHALL PROVIDE AND INSTALL ALL TRAPS, VALVES, WASTE LINES, ETC. AS REQUIRED TO MAKE THE SYSTEM FULLY FUNCTIONAL. THE PLUMBING CONTRACTOR SHALL MAKE THE FINAL PLUMBING CONNECTIONS REQUIRED TO MAKE THE SYSTEM FULLY FUNCTIONAL. SEE GENERAL CASEWORK NOTES # 6 & 7.

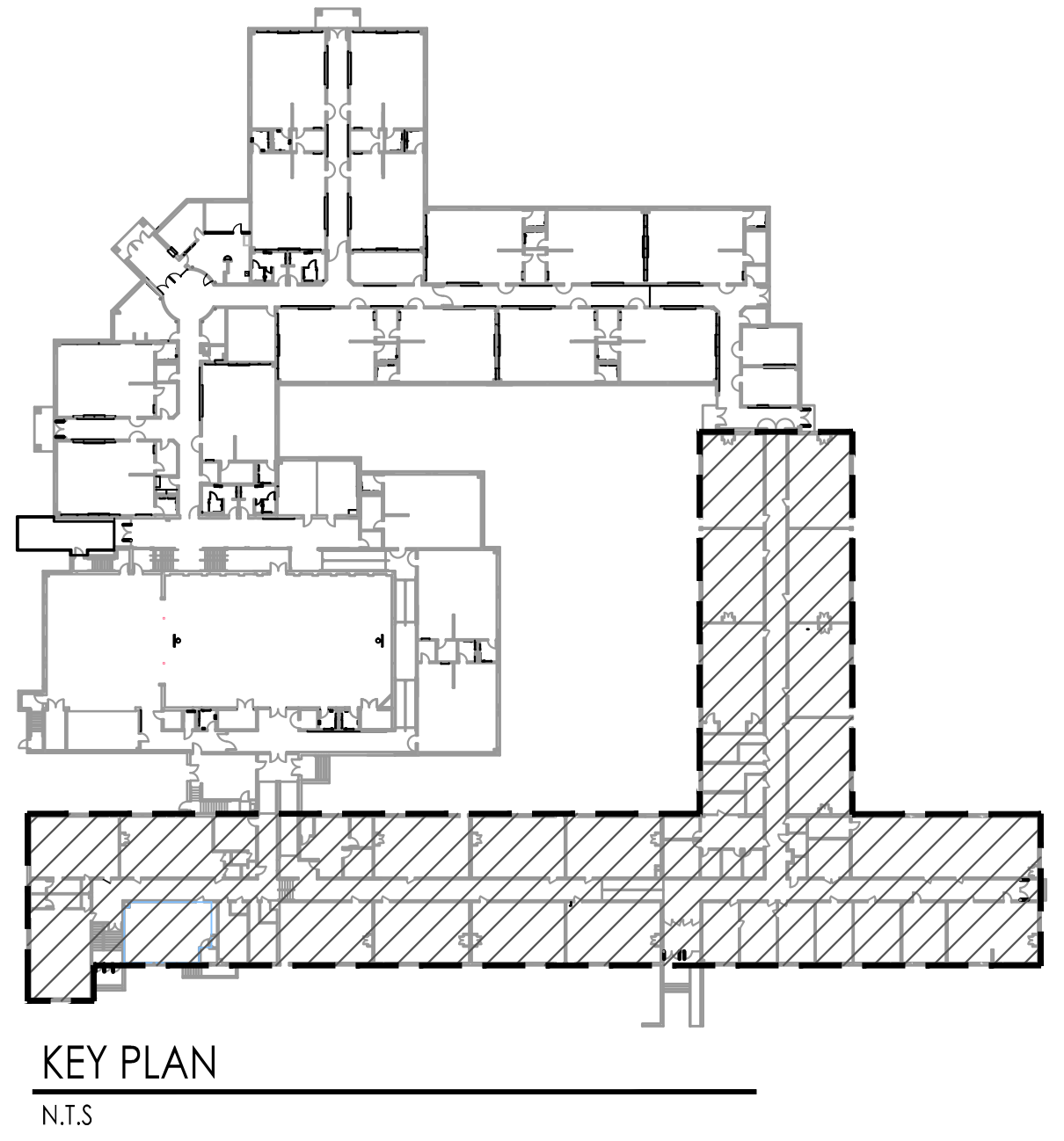
NOTE:  
 ALL FURNITURE AND EQUIPMENT WITHOUT THE SYMBOL OR MARKED (N.I.C.) IS NOT IN CONTRACT UNLESS NOTED OTHERWISE. SEE EQUIPMENT SCHEDULE FOR EQUIPMENT MARKED WITH THE SYMBOL.

### GENERAL CASEWORK NOTES:

- CATALOG NUMBERS REFER TO MOST CURRENT CAMPBELL RHEA CASEWORK CATALOG UNLESS OTHERWISE NOTED. FOR REFERENCE ONLY.
- ALL CASEWORK DOORS AND DRAWERS TO HAVE LOCKS KEYS ALIKE PER ROOM AND MASTER KEYS.
- ALL TOPS SHALL BE PLYWOOD, 1" TOTAL THK, WITH PLASTIC LAMINATE COVERING ON ALL EXPOSED SURFACES (UNLESS NOTED OTHERWISE).
- ALL BACKSPLASHES SHALL BE 3/4" PLYWOOD WITH PLASTIC LAMINATE COVERING ON ALL EXPOSED SURFACES (UNLESS NOTED OTHERWISE).
- ALL FURNITURE AND EQUIPMENT SHOWN DOTTED AND/OR INDICATED AS (N.I.C.) IS NOT IN CONTRACT.
- THE CASEWORK & EQUIPMENT SUB-CONTRACTOR(S) SHALL TURN OVER TO THE PLUMBING AND ELECTRICAL PRIME CONTRACTOR(S) IN A PACKAGE ALL SINKS, FIXTURES, FAUCETS, TAILPIECES, STRAINERS, GAS COCKS, ETC. AND ELECTRICAL DEVICES, PIPES AND LOCKNUTS, ETC., FOR INSTALLATION AND FINAL CONNECTION.
- THE CASEWORK AND EQUIPMENT SUB-CONTRACTOR SHALL PROVIDE AN ITEMIZED LIST AND A DESIGNATED SITE LOCATION FOR THE TRANSFER OF THE MATERIALS REFERENCED IN NOTE 6 TO THE PLUMBING AND ELECTRICAL PRIME CONTRACTORS. THE LIST SHALL HAVE A DESCRIPTION OF THE ITEMS AND QUANTITY ALONG WITH A SIGN-OFF LINE FOR THE PLUMBING AND ELECTRICAL PRIME CONTRACTORS. A COPY OF THE SIGNED LIST IS TO BE SUBMITTED TO THE ARCHITECT / OWNER PRIOR TO BILLING FOR THIS EQUIPMENT.
- EQUIPMENT SUB-CONTRACTOR SHALL MAKE SINK CUT-OUTS.
- ALL DUPLEX OUTLETS SHALL BE G.F.C.I. UNLESS NOTED OTHERWISE.
- SINK CABINETS SHALL BE INSTALLED BEFORE THE INSTALLATION OF ADJACENT CABINETS.
- ALL CONTRACTORS TO FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO CONSTRUCTION AND NOTIFY ARCHITECT IN WRITTEN FORM OF ANY DISCREPANCIES.
- PROVIDE ALL FILLERS AS REQUIRED. FILLERS AT BASE CABINETS SHALL BE AT FRONT OF CABINET AND COUNTERTOP SHALL BE CONTINUOUS OVER FILLER PANEL. FILLERS AT TALL CABINETS SHALL BE AT FRONT AND TOP OF CABINET. FILLERS AT WALL CASES SHALL BE AT FRONT, TOP AND BOTTOM OF CABINET. FINISH TO MATCH CASEWORK.
- PLUMBING CONTRACTOR TO PROVIDE AND INSTALL CLAY TRAPS ON SINKS IN ART CLASSROOM AND SHALL MAKE FINAL CONNECTIONS TO ALL WASTE/VENTS, WATER LINES ETC. AS REQUIRED TO MAKE SYSTEM FULLY FUNCTIONAL.
- ALL PRINTERS AND COMPUTERS ARE N.I.C. (TYPICAL)
- RUBBER BASE ON ALL CASEWORK BY G.C. (TYPICAL)



X ELEVATION-CASEWORK  
 1/2" = 1'-0"



KEY PLAN  
 N.T.S.

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

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL

Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION

Project Location: 5801 3rd ST MAYS LANDING, NJ 08330

Project Number: 4937B  
 Project Date: 02.15.2019  
 Checked By: JJV  
 Drawn By: KM  
 Scale: AS NOTED

Drawing Name: CLASSROOM FLOOR PLAN SINK REPLACEMENT

Revisions:

No.	Date	Description

Drawing Number: A106

Company: FVHD architects planners  
 Fraytak Veisz Hopkins Dutrie P.C.  
 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - Mont-Claire - Pennsylvania 17433

Project Architect: JOHN J. VEISZ, AIA, CSFA  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 GEORGE K. DUTRIE JR., AIA, PP



**DEMOLITION / RENOVATION NOTES - WILLIAM DAVIES MIDDLE SCHOOL:**

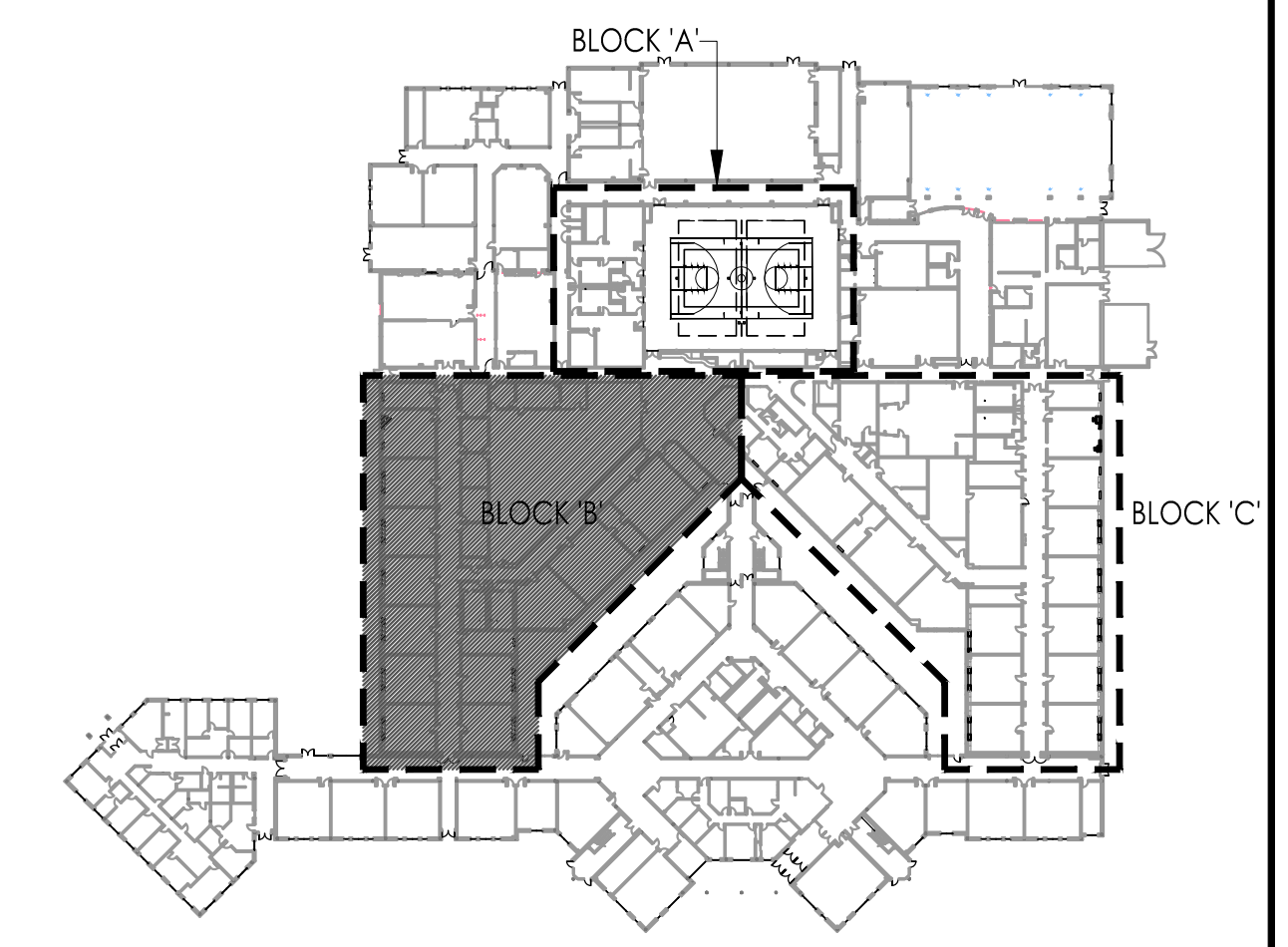
REFER TO MECHANICAL / ELECTRICAL FOR ADDITIONAL DEMO / CONSTRUCTION NOTES AND PROCEDURES.

SEE GENERAL NOTES ON DEMOLITION ON DRAWING G002.  
 THESE NOTES ARE SPECIFIC TO THE WORK AT WILLIAM DAVIES MIDDLE SCHOOL, AND SHALL NOT BE APPLIED TO WORK AT OTHER SCHOOLS IN THE PROJECT. ALL WORK DESCRIBED IN THESE NOTES IS THE RESPONSIBILITY OF THE GENERAL PRIME CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.

GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

- 1. NOT USED
- 2. NOT USED
- 3. EXISTING UNIT VENTILATOR WILL BE DE-ENERGIZED BY THE ELECTRICAL CONTRACTOR, DISCONNECTED AND REMOVED BY THE HVAC CONTRACTOR. EACH CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING ADJACENT CONSTRUCTION AND FINISHES TO REMAIN. REPAIR OR REPLACEMENT OF DAMAGED FINISHES WILL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR.
- 4. THE GENERAL CONTRACTOR WILL REMOVE EXISTING CASEWORK, FILLER PANELS AND COMPONENTS, STORE AND PROTECT FOR REINSTALLATION AS PER TYPICAL CONDITIONS DELINEATED ON DRAWINGS TO ACCOMMODATE HVAC EQUIPMENT RENOVATIONS. COORDINATE RELOCATION OF EXISTING CASEWORK WITH NEW HVAC UNIT. ALL EXPOSED SURFACES ARE TO BE FINISHED WITH NEW MATERIALS TO MATCH EXISTING FINISHES INCLUDING P/LAM, VCT FLOOR AND PAINT. ALL WORK INCLUDING SELECTIVE REMOVAL, RELOCATION, PATCHING, REPAIR AND REINSTALLATION OF THE CASEWORK IS BY THE GENERAL CONTRACTOR.
- 5. WHERE INDICATED, REMOVE, STORE AND PROTECT EXISTING CASEWORK TOP, CASEWORK AND FILLERS TO ACCOMMODATE RENOVATIONS. COORDINATE EXTENT OF CASEWORK REMOVALS AND RELOCATIONS / REINSTALLATIONS WITH REQUIREMENTS OF NEW HVAC SCOPE WORK. MODIFY AND REINSTALL FILLER PANELS AND COUNTER TOPS INCLUDING NEW END PANELS TO ACCOMMODATE NEW CONDITION, PATCH AND REPAIR ALL DAMAGES BY REMOVAL AND INSTALLATION TO MATCH EXISTING IN ALL RESPECTS.
- 6. EXISTING HVAC GRILL, HVAC UNIT AND ALL RELATED WORK IS TO BE REMOVED BY THE HVAC CONTRACTOR. THE GENERAL CONTRACTOR WILL MODIFY THE EXISTING MASONRY OPENING TO ACCOMMODATE THE NEW UNITS AND GRILL THAT IS TO BE INSTALLED BY THE HVAC CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE INSULATION, BACKER RODS AND SEALANT AROUND GRILLES TO PREVENT AIR AND WATER INFILTRATION. REFER TO DRAWING A107 FOR TYPICAL SECTION AND DETAILS RELATED TO THIS WORK. INSTALLATION OF NEW EXTERIOR GRILL AND PERIMETER SEALANT IN COLOR SELECTED BY ARCHITECT, WILL BE BY THE HVAC CONTRACTOR.

REFER TO A109 FOR TYPICAL DEMOLITION FLOOR PLANS



FIRST FLOOR PLAN - BLOCK B  
 Scale: 1/8" = 1'-0"

**FVHD** architects  
 planners  
 Fraytak Veisz Hopkins Dutrie P.C.  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17435

Project Name:  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name:  
 HAMILTON TOWNSHIP BOARD OF EDUCATION

Project Location:  
 1876 DENNIS FORMAN DR  
 MAYS LANDING, NJ 08330

Project Number:  
 4937C

Project Date:  
 02.15.2019

Checked By:  
 JJV

Drawn By:  
 AM

Scale:  
 AS NOTED

Drawing Name:  
 PARTIAL FIRST FLOOR HVAC DEMOLITION PLAN

Block B

No.	Date	Description

Drawing Number:  
**A106**

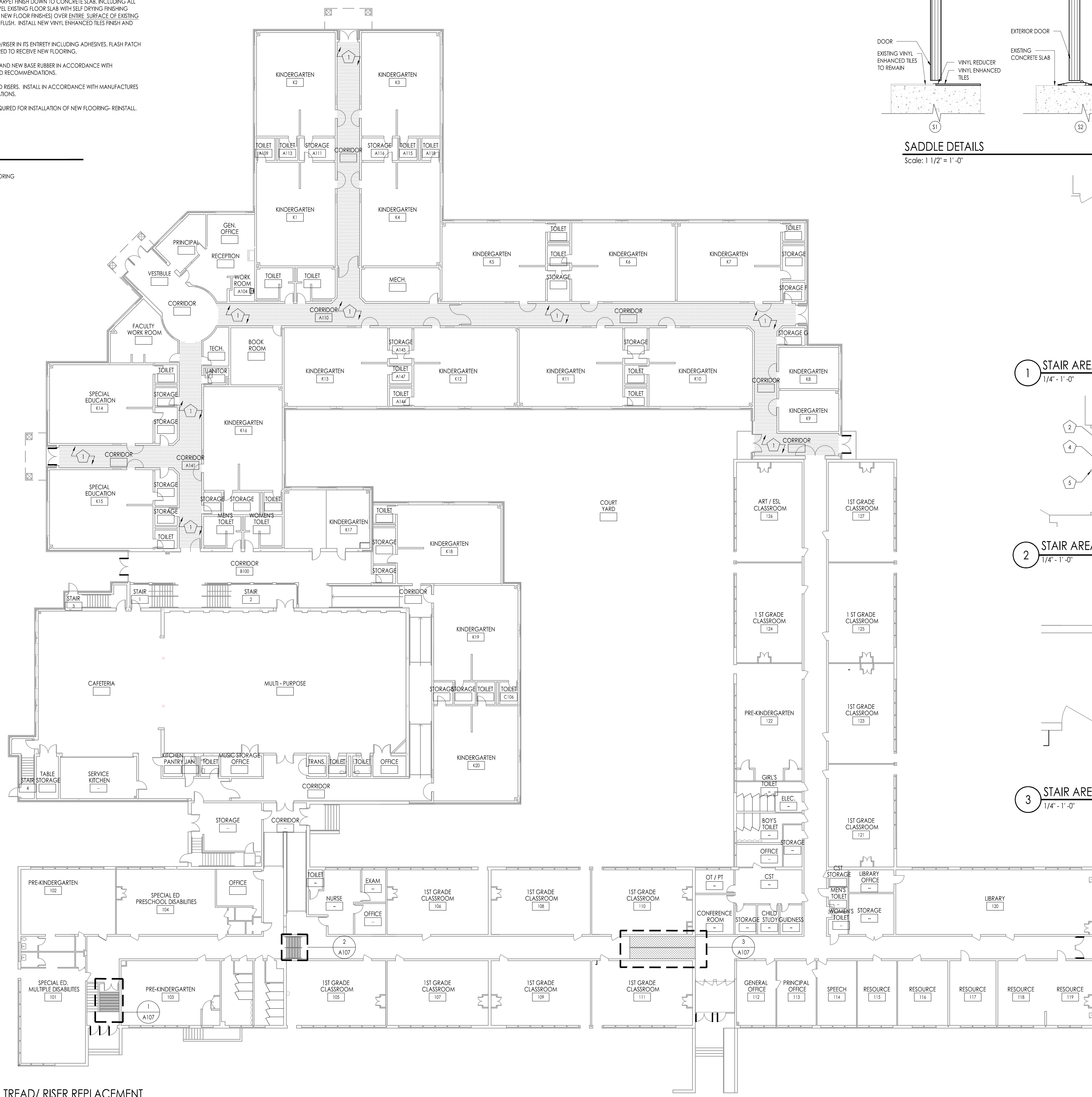
Project Architect:  
 JOHN J. VEISZ, AIA, CSFA  
 NJ-21486600 / PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NJ-34464001 / PA-84202024  
 GEORGE K. DUTRIE JR., AIA, AIA  
 NJ-21427200  
 Date: \_\_\_\_\_  
 F V H D P C - C O M

**DEMOLITION / CONSTRUCTION NOTES:**

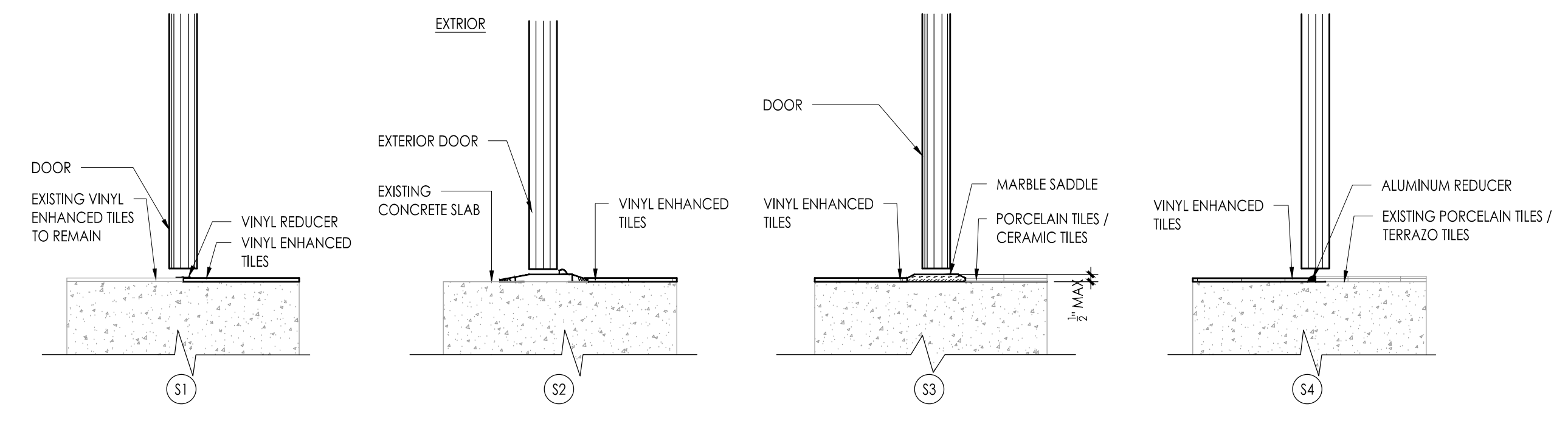
1. REMOVE EXISTING BASE, EXISTING CARPET FINISH DOWN TO CONCRETE SLAB, INCLUDING ALL ADHESIVES. CLEAN, PREPARE & LEVEL EXISTING FLOOR SLAB WITH SELF DRYING FINISHING UNDERLAYMENT (COMPATIBLE WITH NEW FLOOR FINISHES) OVER ENTIRE SURFACE OF EXISTING FLOOR TO MAKE FLOOR LEVEL AND FLUSH. INSTALL NEW VINYL ENHANCED TILES FINISH AND RUBBER BASE.
2. REMOVE EXISTING FLOORING TREAD/RISER IN ITS ENTIRETY INCLUDING ADHESIVES. FLASH PATCH AND PREPARE SUBSTRATE AS REQUIRED TO RECEIVE NEW FLOORING.
3. PROVIDE NEW RESILIENT FLOORING AND NEW BASE RUBBER IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
4. PROVIDE NEW RESILIENT TREADS AND RISERS. INSTALL IN ACCORDANCE WITH MANUFACTURERS REQUIREMENTS AND RECOMMENDATIONS.
5. REMOVE EXISTING HANDRAIL AS REQUIRED FOR INSTALLATION OF NEW FLOORING- REINSTALL.

**LEGEND**

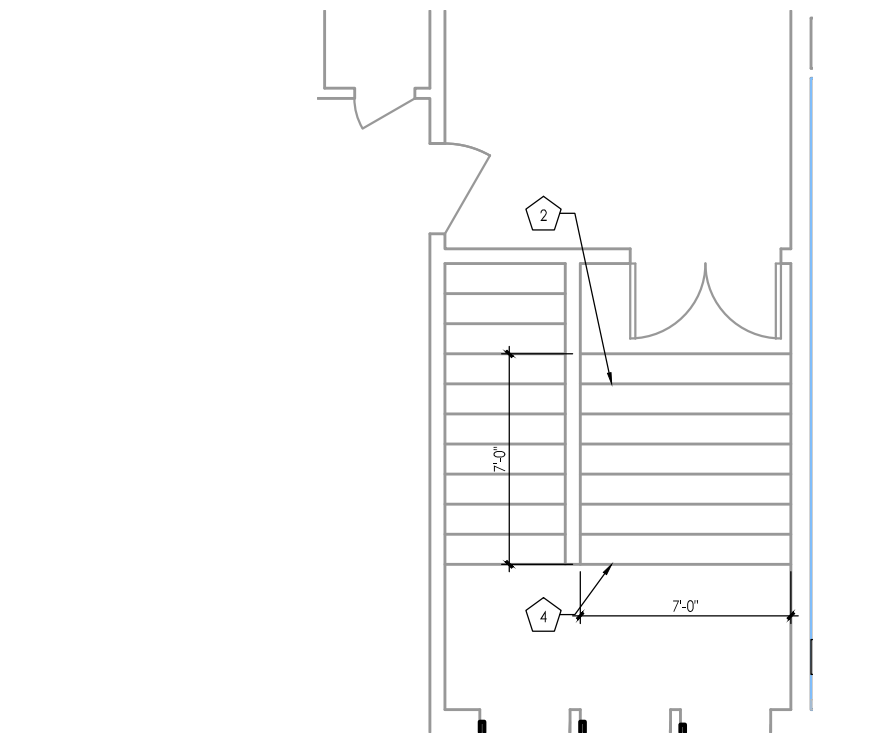
- NEW ENHANCED RESILIENT TILE FLOORING
- NEW RESILIENT RAMP FLOORING
- NEW STAIR TREADS & RISERS



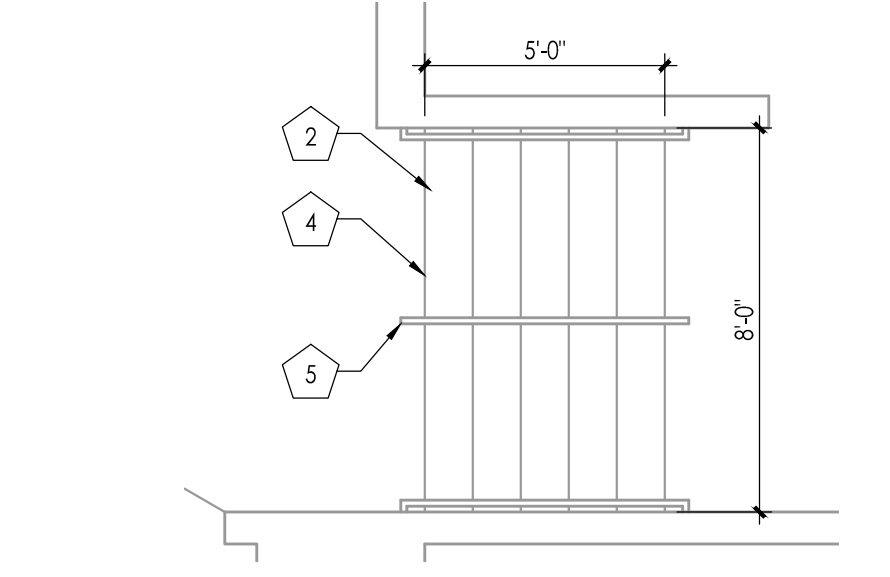
**CORRIDOR CARPET & TREAD / RISER REPLACEMENT**  
Scale: 1/16" = 1'-0"



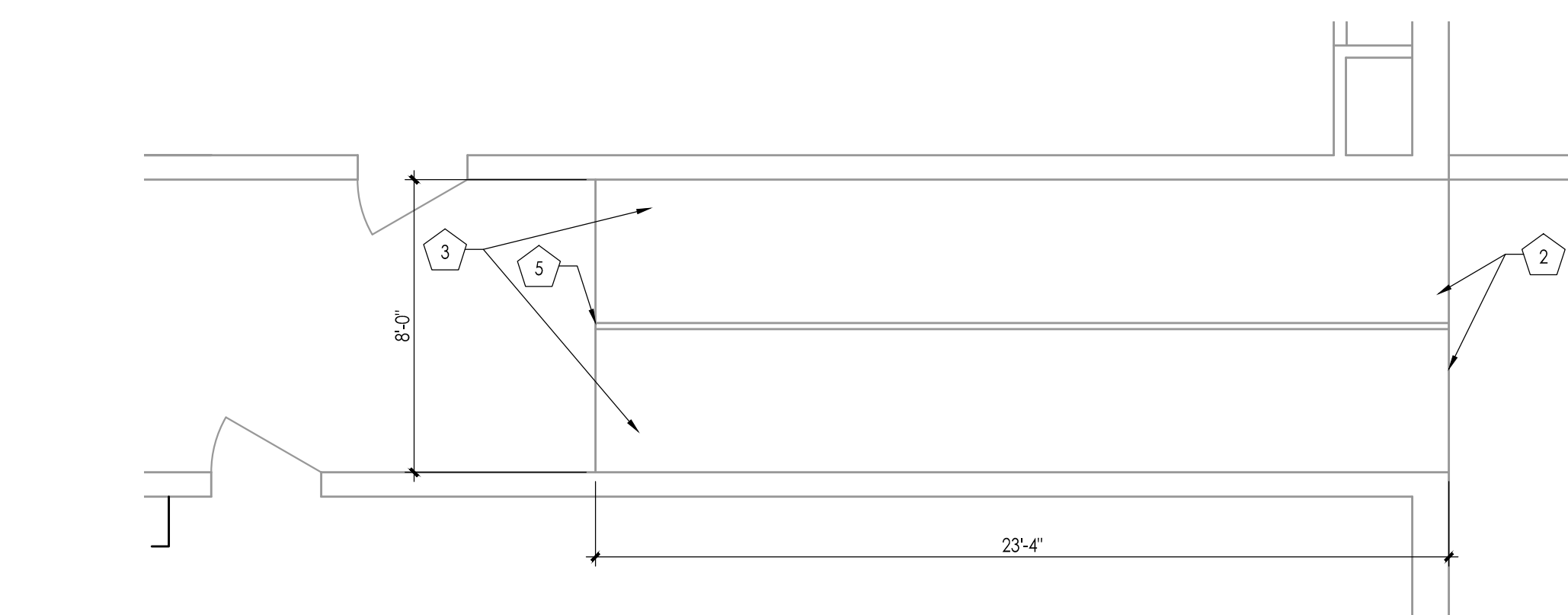
**SADDLE DETAILS**  
Scale: 1 1/2" = 1'-0"



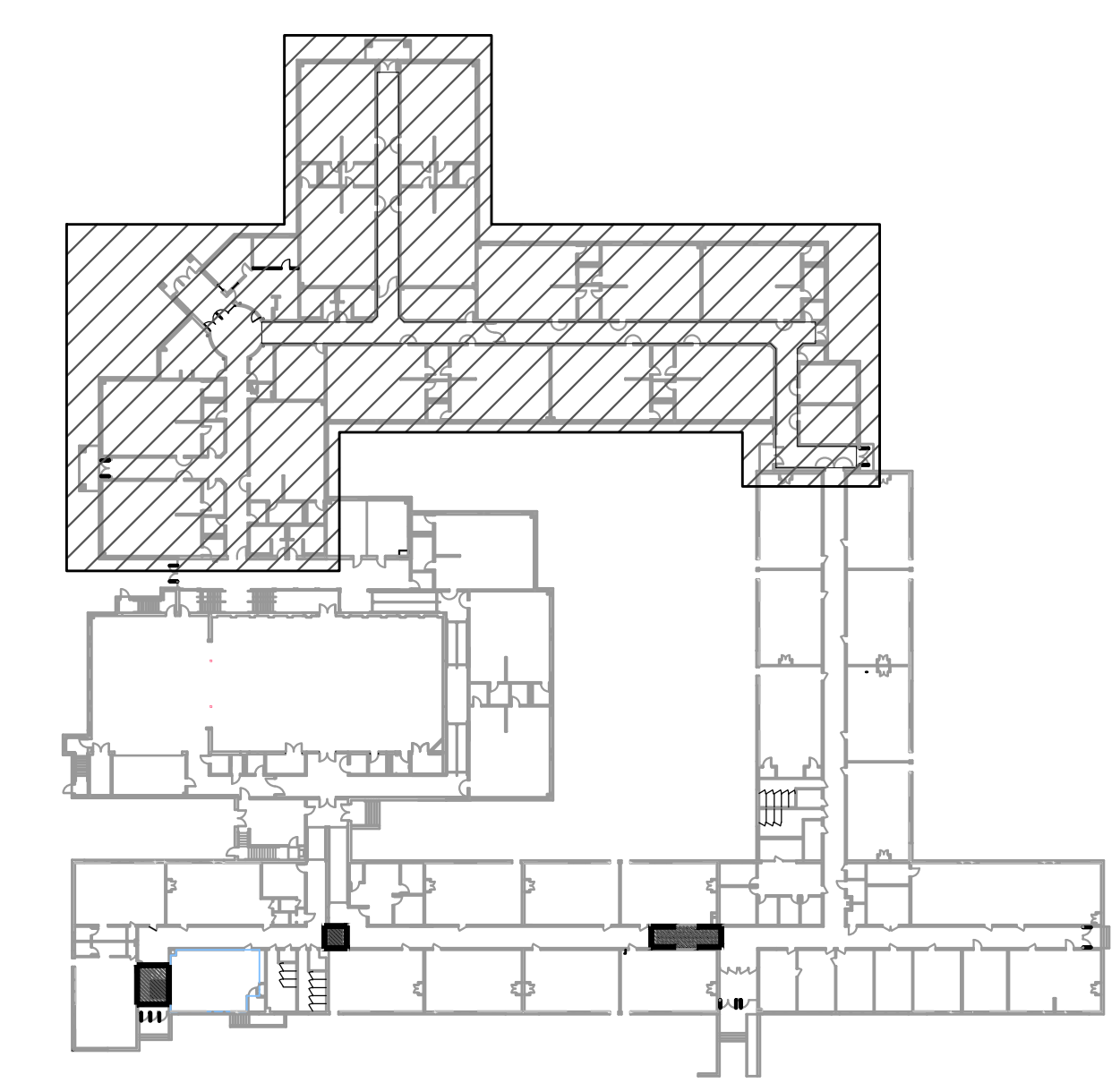
**1 STAIR AREA - DEMOLITION PLAN**  
1/4" = 1'-0"



**2 STAIR AREA - DEMOLITION PLAN**  
1/4" = 1'-0"



**3 STAIR AREA - DEMOLITION PLAN**  
1/4" = 1'-0"



**KEY PLAN**  
1/64"=1'-0"

**FVHD** architects planners  
Fraytak Veisz Hopkins Dutrie P.C.  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17435

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330

Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: KM  
Scale: AS NOTED

Revisions:  
No. Date Description

Drawing Name: CORRIDOR CARPET & TREAD / RISER REPLACEMENT  
Drawing Number: A107

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330

Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: KM  
Scale: AS NOTED

Revisions:  
No. Date Description

Drawing Name: CORRIDOR CARPET & TREAD / RISER REPLACEMENT  
Drawing Number: A107

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330

Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: KM  
Scale: AS NOTED

Revisions:  
No. Date Description

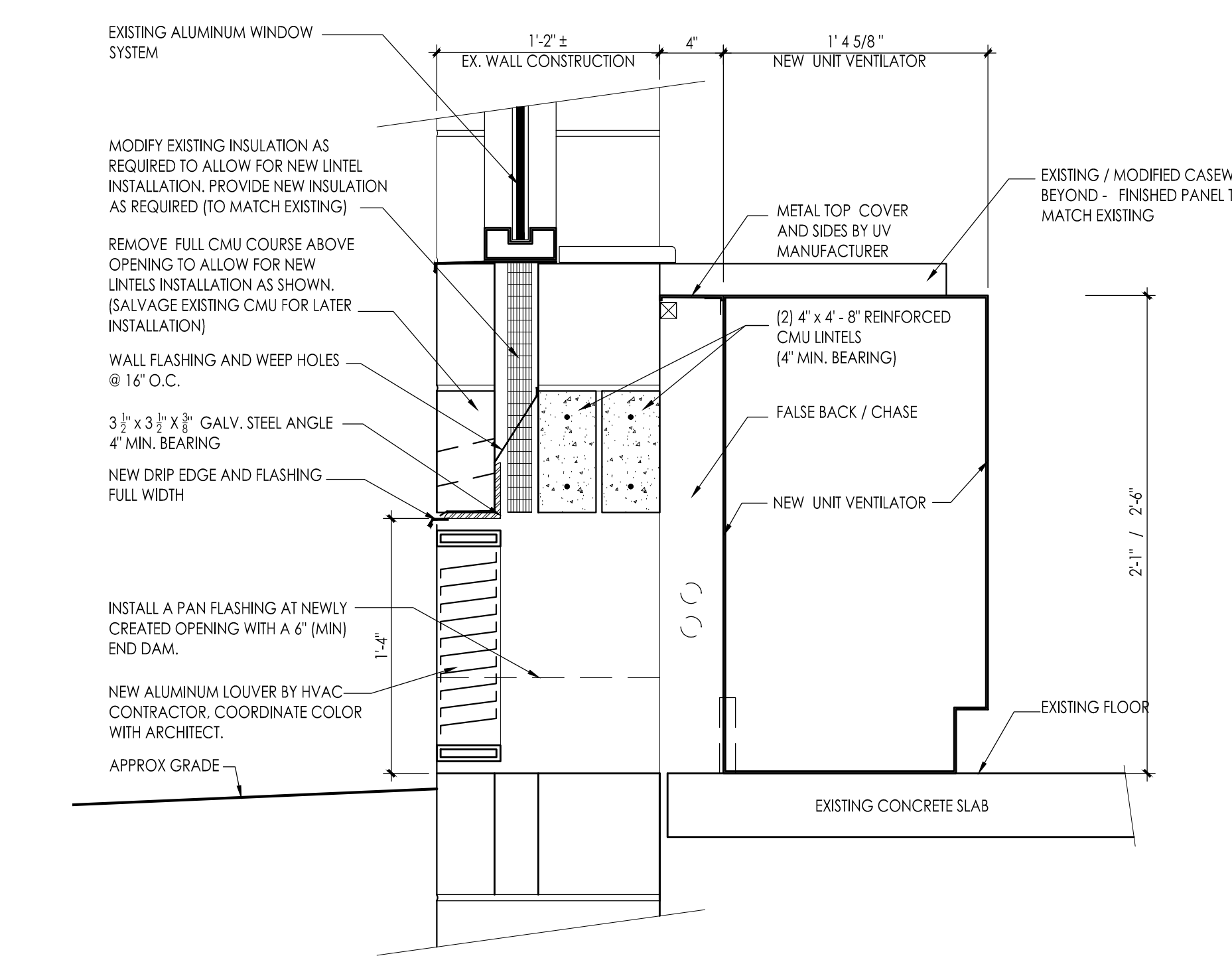
Drawing Name: CORRIDOR CARPET & TREAD / RISER REPLACEMENT  
Drawing Number: A107

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL  
Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330

Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: KM  
Scale: AS NOTED

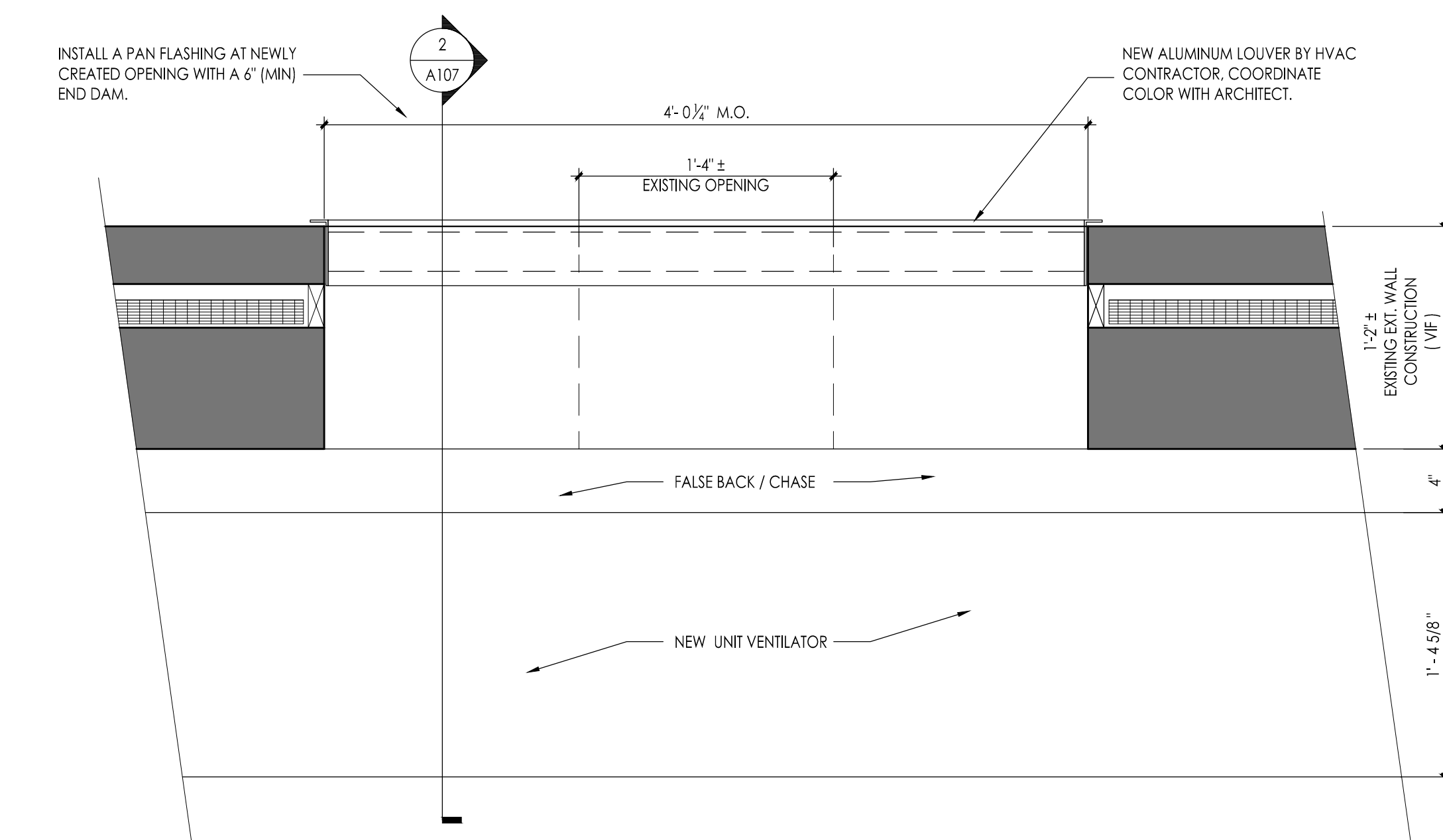
Revisions:  
No. Date Description

Drawing Name: CORRIDOR CARPET & TREAD / RISER REPLACEMENT  
Drawing Number: A107



**2 SECTION DETAIL**  
SCALE: 1 1/2" = 1'-0"

- NOTES:**
- GENERAL CONTRACTOR (GC) IS RESPONSIBLE FOR CUTTING OF MASONRY OPENING AND ITS PREPARATION FOR THE INSTALLATION OF HVAC LOUVER BY HVAC CONTRACTOR.
  - GENERAL CONTRACTOR IS TO SHIM, INSULATE AND INSTALL SEALANT AND BACKER ROD AT PERIMETER OF NEW LOUVER.
  - GENERAL CONTRACTOR IS RESPONSIBLE FOR REQUIRED SHORING / TEMPORARY SUPPORT OF MASONRY UNTIL INSTALLATION OF SLEEVE OCCURS.
  - GENERAL CONTRACTOR IS TO PROVIDE AND MAINTAIN TEMPORARY WATER PROOF CLOSURE AT ALL NEWLY CREATED OPENINGS UNTIL NEW LOUVER INSTALLATION IS COMPLETED.
  - AT WINDOW LOCATION, GENERAL CONTRACTOR IS RESPONSIBLE FOR SHORING AND SUPPORTING THE EXISTING ALUMINUM WINDOW SYSTEM AND FOR MAINTAINING ITS INTEGRITY.
  - ALL DISTURBED AND NEWLY EXPOSED SURFACES ARE TO BE RESTORED TO MATCH EXISTING ADJACENT SURFACES - WALLS PAINTED / FLOORS TO MATCH.



**3 PLAN DETAIL - TYP**  
SCALE: 1 1/2" = 1'-0"

**NOTES:**  
UNLESS OTHERWISE SPECIFIED ON DRAWINGS, PROVIDE & INSTALL LINTELS FOR ALL SQUARE HEAD MASONRY OPENINGS IN ALL MASONRY WALLS IN ACCORDANCE WITH THE FOLLOWING SCHEDULES AND COMMENTS.

**LOOSE LINTEL SCHEDULE**  
(FOR 4', 8', 12' & 16" WALLS)

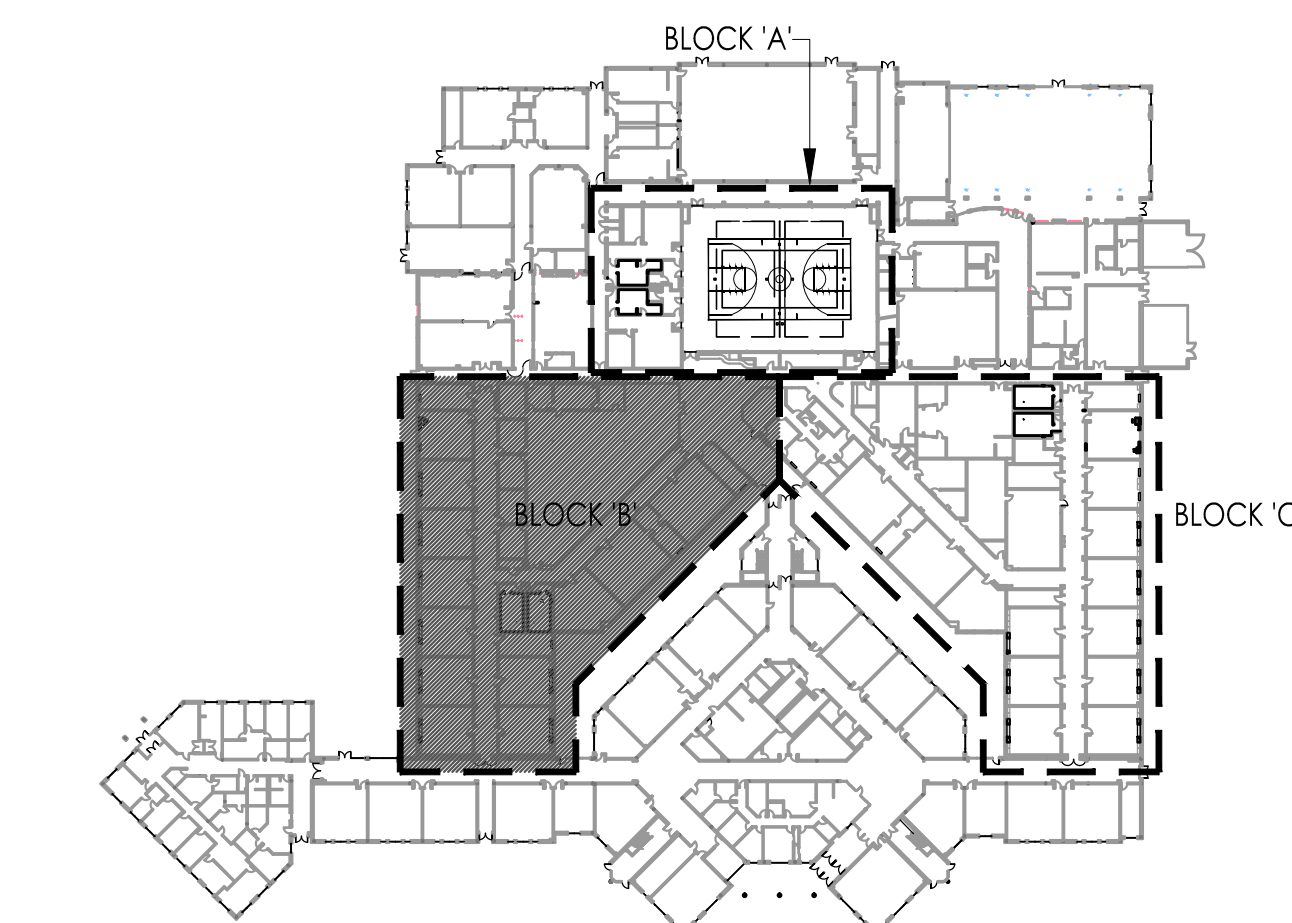
MASONRY OPENING	LINTEL SIZE	REMARKS
UP TO 4'-0"	L - 3-1/2" x 3-1/2" x 1/4"	
4'-1" TO 6'-0"	L - 5" x 3-1/2" x 5/16"	
6'-1" TO 8'-0"	L - 6" x 3-1/2" x 5/16"	
OVER 8'-0"	W 8 x 18 + PLATE	

**LOOSE LINTEL SCHEDULE**  
(FOR 6" WALLS)

MASONRY OPENING	LINTEL SIZE	REMARKS
2'-0" TO 6'-0"	WT 7 x 11	
6'-1" TO 8'-0"	WT 8 x 13	

- NOTES:**
- PROVIDE ONE (1) ANGLE FOR EACH 4" OF MASONRY WIDTH.
  - BEAR LINTELS 6" MINIMUM ON EACH SIDE OF OPENING.
  - ALL LINTELS IN EXTERIOR WALLS SHALL BE GALVANIZED.
  - WHERE OPENINGS ARE LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH LINTEL TO STRUCTURAL STEEL. CONNECTION NOT TO PROTRUDE INTO OPENING.
  - REFER TO ARCHITECTURAL, HVAC & ELECTRICAL DRAWINGS FOR OPENING SIZE & LOCATION.

REFER TO A110 FOR TYPICAL NEW WORK FLOOR PLANS



JOHN J. VEISZ, AIA, CSRA  
NO. 214866000 PA-84201818  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NO. 214866000 PA-84202004  
GEORGE K. DUTHIE, JR., AIA, PP  
NO. 214866000

**FVHD** architects  
planners  
Frattak Veisz Hopkins Duthie P.C.  
Company: 1515 Lower Ferry Road - Teaneck - New Jersey 07628  
Pennsylvania: 140 Whitaker Ave - Mont Clear - Pennsylvania 17433

Project Name  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**1876 DENNIS FORMAN DR MAYS LANDING, NJ 08330**

Project Number  
**4937C**  
Project Date  
**02.15.2019**  
Checked By  
**JJV**  
Drawn By  
**AM**  
Scale  
**AS NOTED**

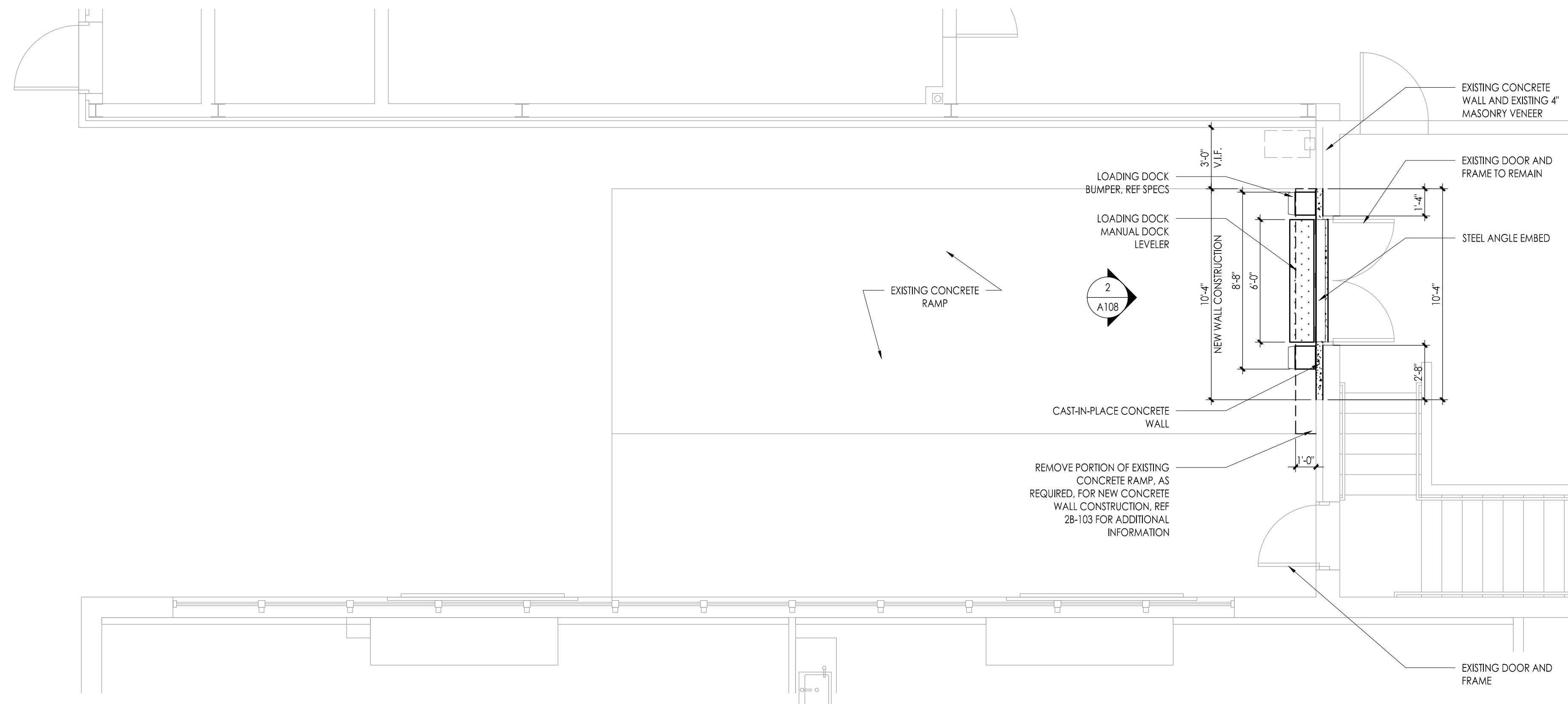
Drawing Name  
**PARTIAL FIRST FLOOR HVAC NEW WORK PLAN**  
**BLOCK B**

Revisions

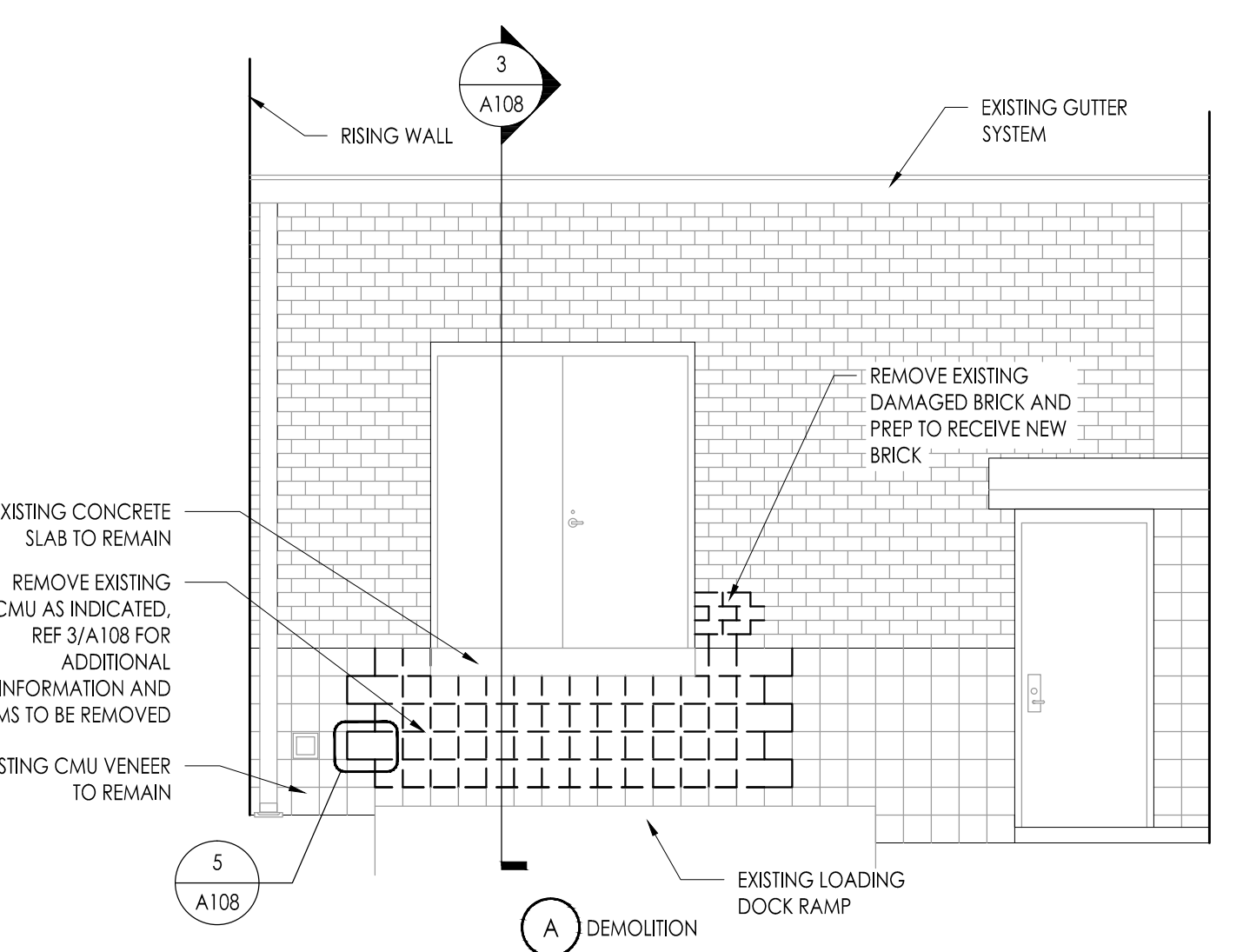
No.	Date	Description

Drawing Number  
**A107**

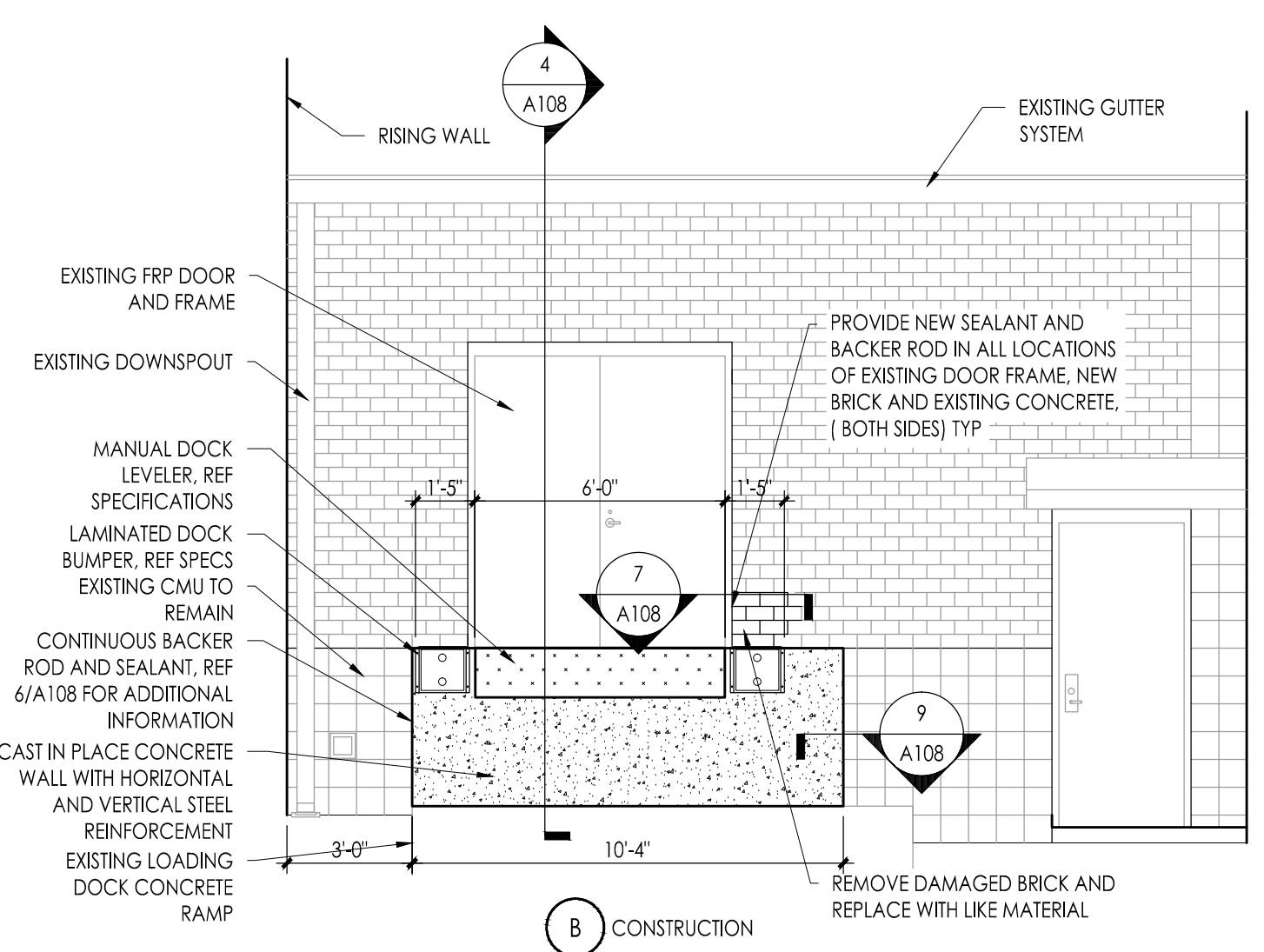




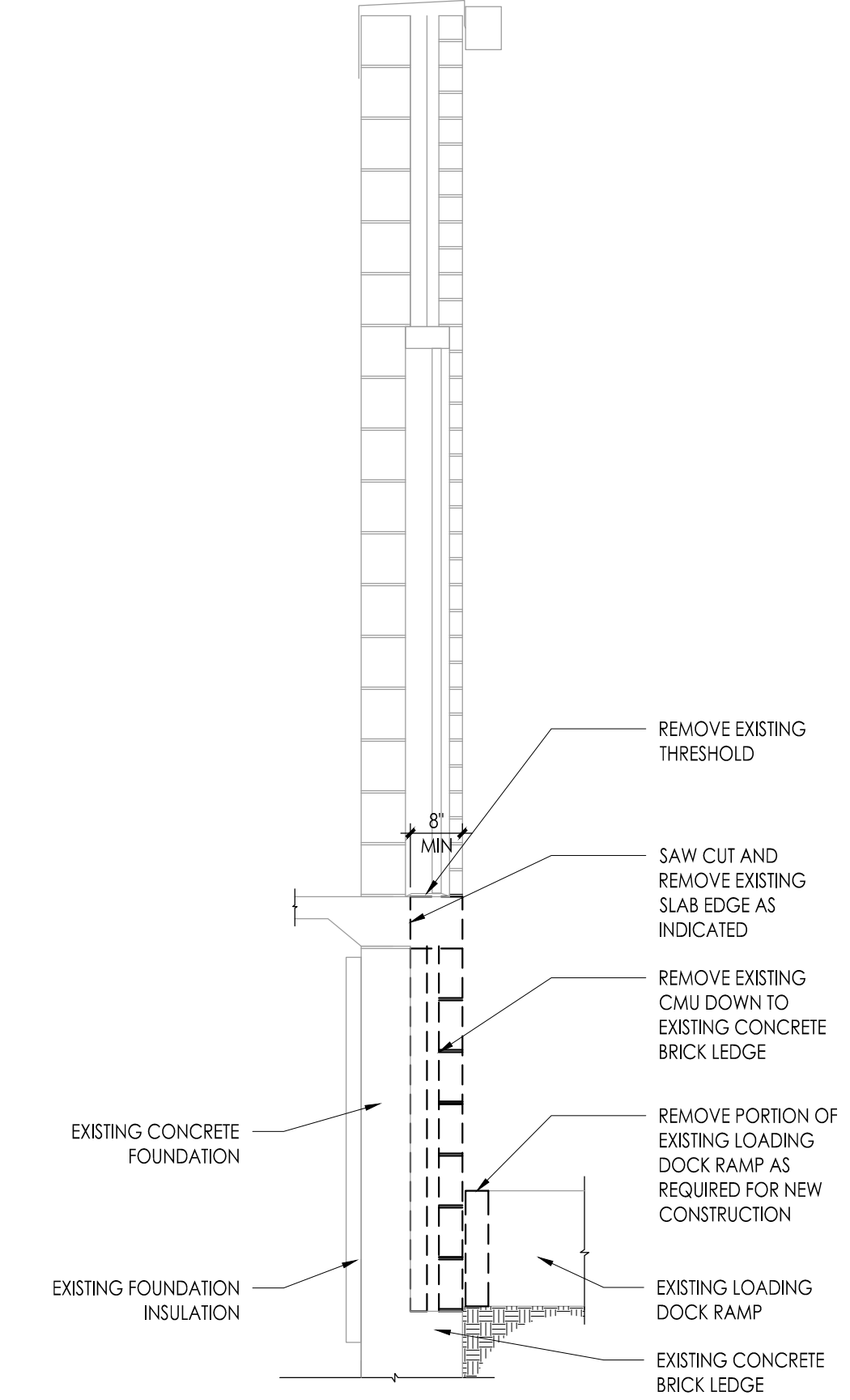
1 LOADING DOCK PLAN  
1/4" = 1'-0"



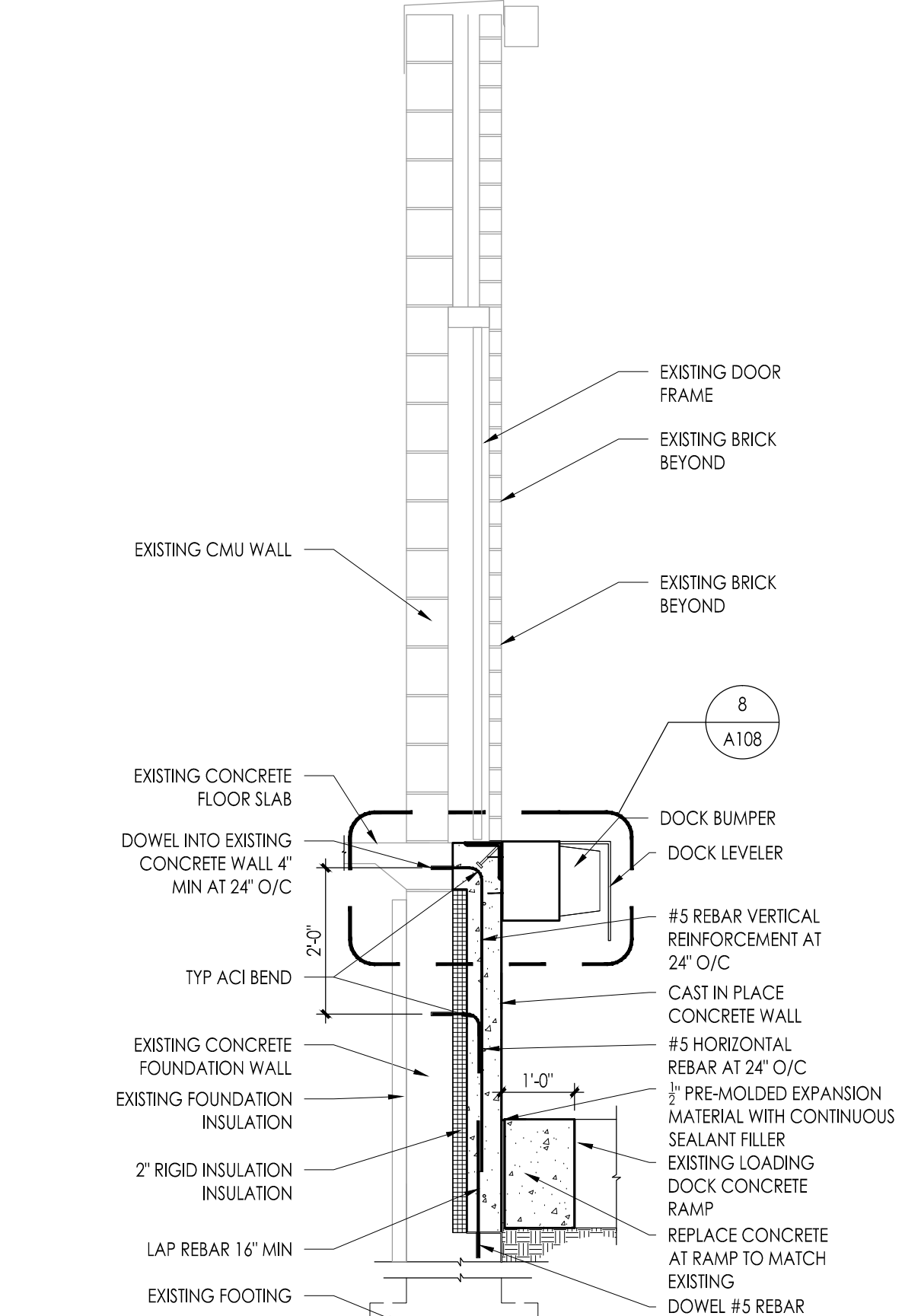
2 EXISTING LOADING DOCK ELEVATION  
1/4" = 1'-0"



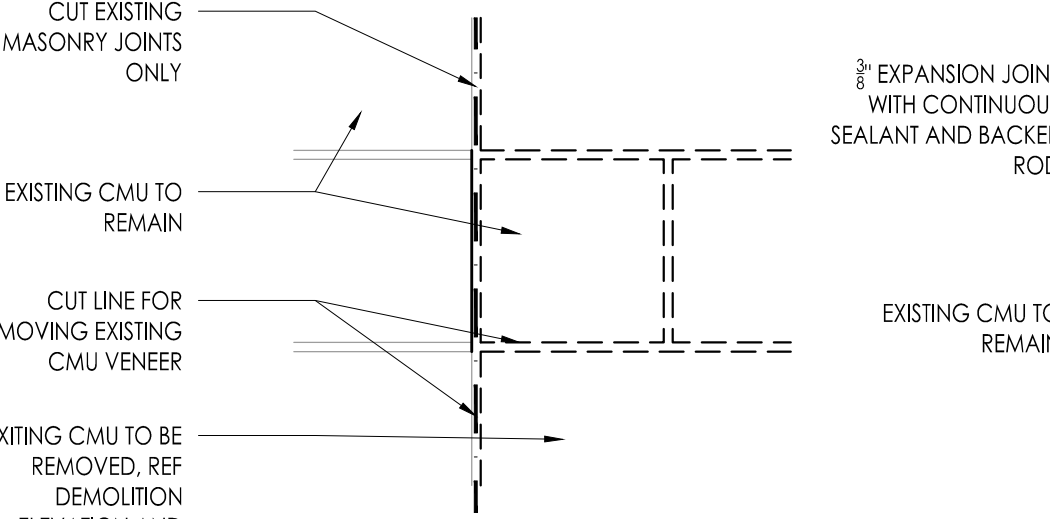
3 LOADING DOCK ELEVATION  
1/4" = 1'-0"



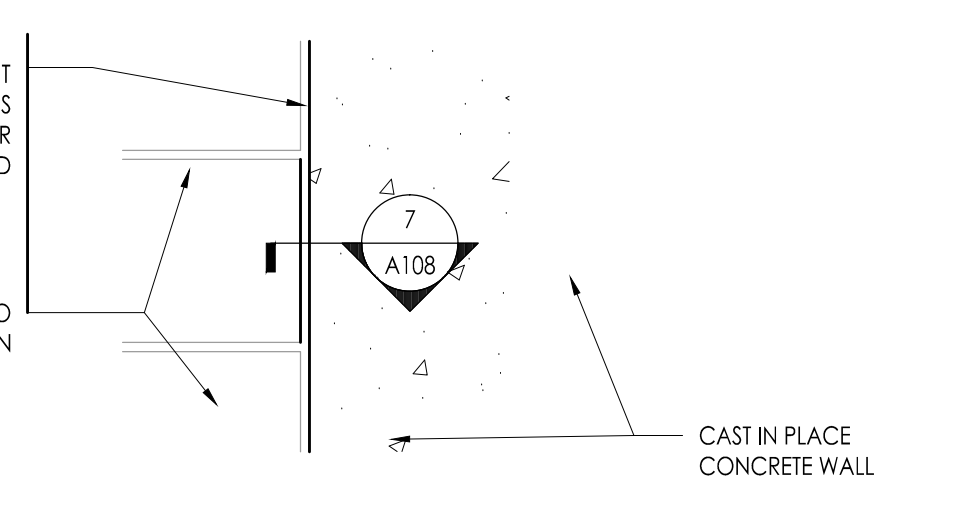
3 LOADING DOCK DEMOLITION WALL SECTION  
1/2" = 1'-0"



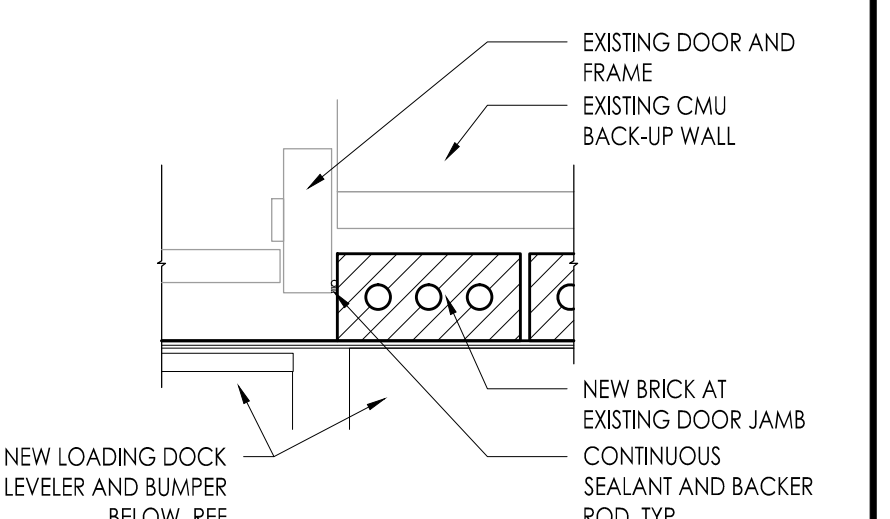
4 LOADING DOCK NEW CONSTRUCTION WALL SECTION  
1/2" = 1'-0"



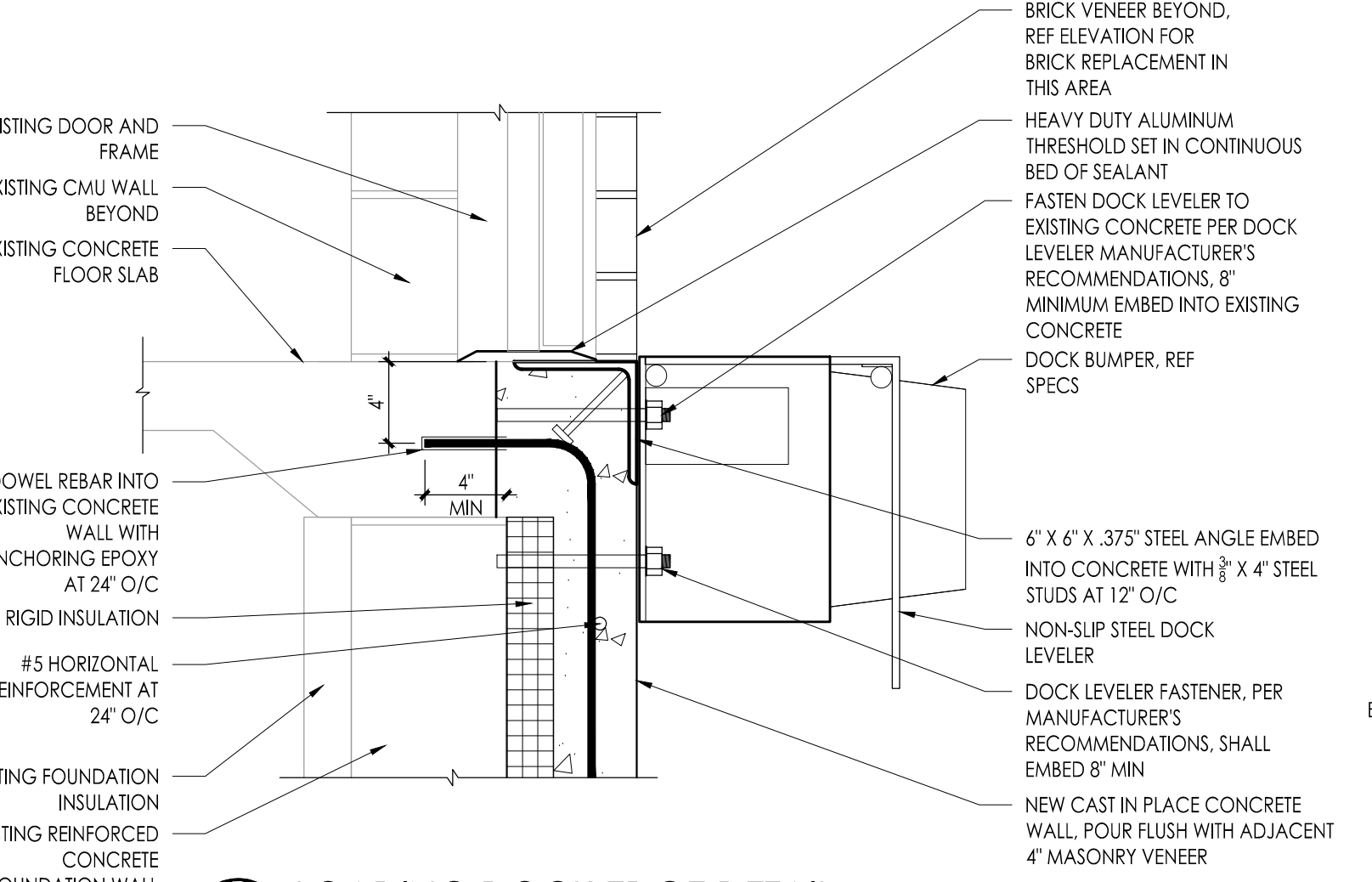
5 DEMOLITION CUT DETAIL  
1 1/2" = 1'-0"



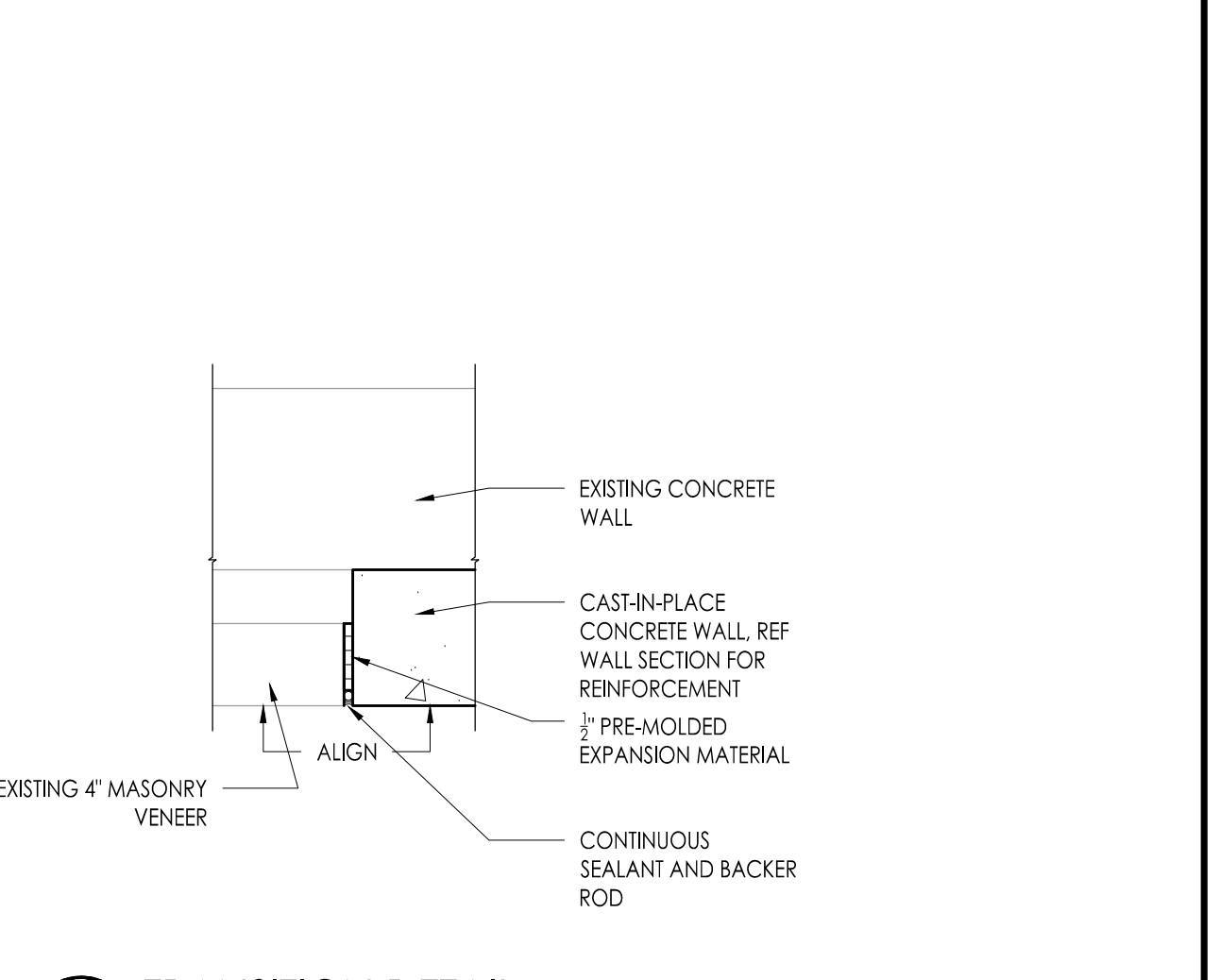
6 EXPANSION JOINT DETAIL  
1 1/2" = 1'-0"



7 EXISTING DOOR JAMB DETAIL  
1 1/2" = 1'-0"



8 LOADING DOCK EDGE DETAIL  
1 1/2" = 1'-0"



9 TRANSITION DETAIL  
1 1/2" = 1'-0"

**NOTES FOR CONCRETE AND REINFORCEMENT**

- 1) REF A108 FOR ADDITIONAL NOTES AND INFORMATION FOR CONCRETE FOOTINGS AND STEEL REINFORCEMENT

**MISCELLANEOUS**

- 1) CONTRACTOR SHALL VERIFY ALL DIMENSIONS, SECTIONS AND ELEVATIONS ON JOB.
- 2) CONSULT ALL OTHER DISCIPLINE DRAWINGS FOR VERIFICATION OF LOCATIONS AND DIMENSIONS OF INSERTS, OPENINGS, SLEEVES, WASHES REVEALS

**GENERAL DEMOLITION NOTES:**

- A. CONTRACTORS ARE ADVISED TO VISIT THE SITE AND VERIFY ALL AREAS AND CONDITIONS PRIOR TO SUBMITTING THEIR BIDS. THE CONTRACTOR MUST NOTIFY THE ARCHITECT OF ANY DISCREPANCIES AND/OR OMISSIONS IN WRITING AT LEAST SEVEN DAYS PRIOR TO THE RECEIPT OF BIDS. FAILURE TO DO SO NOTIFY THE ARCHITECT INDICATES THAT ANY ADDITIONAL COSTS ASSOCIATED WITH THE DISCREPANCIES AND /OR OMISSIONS ARE INCLUDED IN THE CONTRACTOR'S BID AND THAT NO CHANGE TO THE CONTRACT AMOUNT WILL BE MADE AFTER THE RECEIPT OF BIDS OR THE AWARD OF CONTRACTS.
- B. ALL ELECTRICAL DISCONNECTS SHALL BE MADE BY THE RESPECTIVE TRADES. ALL EQUIPMENT, DEVICES, FIXTURES, ETC., SHALL BE REMOVED FROM THE SITE BY THE RESPECTIVE CONTRACTOR.
- C. UNLESS NOTED OTHERWISE ALL DEMOLITION MATERIAL SHALL BE REMOVED OFF SITE BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- D. NOT USED
- E. THE CONTRACTOR SHALL MAKE EVERY EFFORT TO PROTECT PORTIONS OF THE EXISTING CONSTRUCTION WHICH ARE ADJACENT TO AREAS TO BE DEMOLISHED. MAKE ALL CUTS AS NEATLY AS POSSIBLE. REFER TO FLOOR PLAN DRAWINGS FOR FINISHES OF THESE AREAS.
- F. IF NOT OTHERWISE NOTED OR DETAILED, ALL SURFACES LEFT ROUGH OR UNFINISHED BY DEMOLITION AND WHICH ARE EXPOSED TO VIEW, SHALL BE PATCHED TO MATCH ADJACENT SURFACES AND FINISHED TO PROVIDE A UNIFORM APPEARANCE WITH REGARD TO SIZE, SHAPE, COLOR, TEXTURE AND MATERIAL.
- G. THE CONTRACTOR SHALL PROVIDE A PHYSICAL BARRIER TO CONTAIN DUST AND DIRT AROUND THE DEMOLITION AREA AND SHALL MAKE EVERY EFFORT TO KEEP THE DEMOLITION SITE AND SURROUNDING AREAS AS CLEAN AS POSSIBLE.
- H. NO DEMOLITION SHALL BEGIN UNTIL PROPER PROTECTION IS IN PLACE AND APPROVED BY ARCHITECT & OWNER TO ENSURE THE SAFETY OF THE PUBLIC, THE BUILDING OCCUPANTS, CONSTRUCTION WORKERS AND TO CONTAIN DUST AND DIRT WITHIN THE AREA OF DEMOLITION.
- I. THE CONTRACTOR SHALL COMPLY WITH ALL FEDERAL, STATE AND LOCAL LAWS REGARDING THE REMOVAL AND DISPOSAL OF ALL MATERIALS & EQUIPMENT.
- J. THE CONTRACTOR SHALL PROVIDE PROTECTION AGAINST INCLEMENT WEATHER FOR THE EXISTING BUILDING DURING THE INTERIM PERIOD BETWEEN DEMOLITION AND THE COMPLETION OF NEW CONSTRUCTION.
- K. THE CONTRACTORS SHALL TAKE INTO ACCOUNT THEIR METHODS OF CONSTRUCTION FOR THE NEW WORK AND INCLUDE IN THEIR BID THE COST OF ADDITIONAL DEMOLITION WORK NECESSARY TO FACILITATE THE CONSTRUCTION. THIS WORK INCLUDES, BUT IS NOT LIMITED TO: THE AREA AROUND JOINTS BETWEEN NEW AND EXISTING CONSTRUCTION IN WALLS, FLOORS AND CEILINGS, AREAS OF SEWER/LINE, ETC., WHICH OF THE WORK IS INDICATED IN SECTIONS AND DETAILS RELATING TO THE NEW CONSTRUCTION.
- L. THE DEMOLITION WORK SHOWN ON THIS PLAN IS INTENDED TO BE A GENERAL OVERVIEW OF MAJOR DEMOLITION WORK REQUIRED. IT IS NOT A COMPLETE AND EXCLUSIVE REPRESENTATION OF ALL DEMOLITION WORK NEEDED FOR EXECUTION OF THE PROJECT. WHEN PREPARING THEIR BIDS, CONTRACTORS MUST REFER TO THE FULL SET OF CONSTRUCTION DOCUMENTS FOR VARIOUS MISCELLANEOUS ITEMS WHICH MUST BE REMOVED AND/OR RELOCATED AS PART OF THE WORK.
- M. ALL PRIME CONTRACTORS ARE RESPONSIBLE FOR THEIR OWN CUTTING AND PATCHING - SEE SPECIFICATION.

JOHN J. VEIS, AIA, CSBA  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 GEORGE K. DUTHIE JR., AIA, PP

**FVHD** architects planners  
 Fraytak Veisz Hopkins Duthie P C  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - North Chazy - Pennsylvania 17435

Project Name  
**ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**5801 3rd ST  
 MAYS LANDING,  
 NJ 08330**

Project Number  
**4937B**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**BO**  
 Scale  
**AS NOTED**

Drawing Name  
**LOADING DOCK SECTIONS ELEVATIONS AND DETAILS**

Revisions		
No.	Date	Description

Drawing Number  
**A108**



**REFLECTED CEILING PLAN WORK LEGEND**

- REMOVE / REPLACE
- REMOVE / REINSTALL

**DEMOLITION / RENOVATION NOTES - SEE A1xx**

FOR GENERAL DEMOLITION NOTES SEE DRAWING G002.

**REFLECTED CEILING PLAN LEGEND**

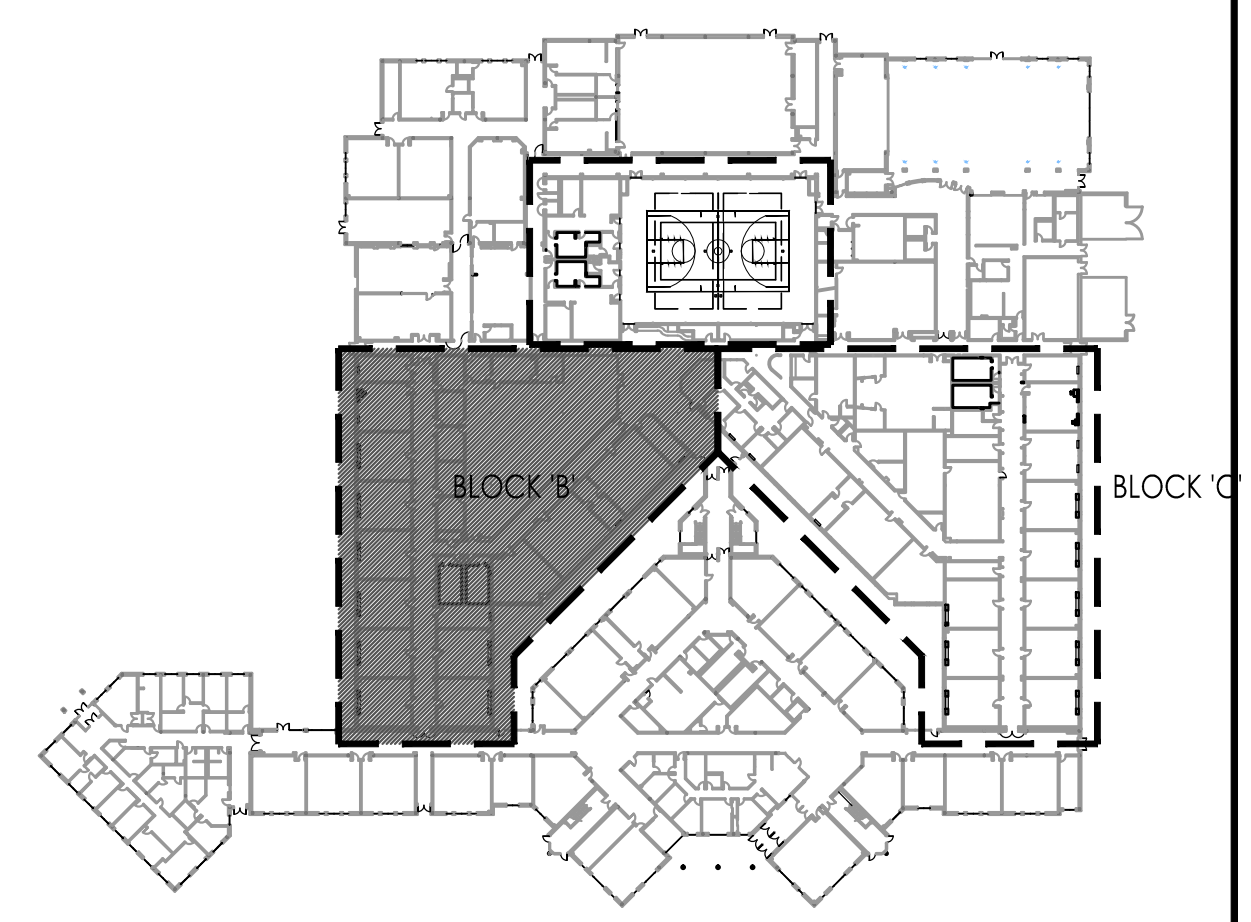
- EXISTING ACB #1 - 2' X 2' ACOUSTICAL CEILING-SOUND BOARD - SEE FINISH SCHEDULE FOR LOCATION & TYPE
- EXISTING ACB #2 - 2' X 4' ACRYLIC ACOUSTICAL CEILING BOARD - SEE FINISH SCHEDULE FOR LOCATION
- EXISTING GYPSUM BOARD SOFFIT
- EPS
- EXHAUST FAN (SEE MECHANICAL DRAWINGS)
- RETURN DIFFUSER (SEE MECHANICAL DRAWINGS)
- SUPPLY DIFFUSER (SEE MECHANICAL DRAWINGS)
- LINEAR DIFFUSER (SEE MECHANICAL DRAWINGS)
- LIGHTS (SEE ELECTRICAL DRAWINGS)
- EXISTING CAMERA TO REMAIN
- EXISTING DETECTOR TO REMAIN
- EXISTING MOTION SENSOR TO REMAIN
- EXISTING SPEAKER TO REMAIN
- EXISTING STROBE LIGHT TO REMAIN
- EXISTING CEILING MOUNTED WIR HUB TO REMAIN
- EXISTING CEILING MOUNTED EXIT SIGN TO REMAIN
- SPRINKLER HEAD (SEE FIRE PROTECTION DRAWINGS)

**DEMOLITION / RENOVATION NOTES - WILLIAM DAVIES MIDDLE SCHOOL:**

REFER TO MECHANICAL / ELECTRICAL FOR ADDITIONAL DEMO / CONSTRUCTION NOTES AND PROCEDURES.

SEE GENERAL NOTES ON DEMOLITION ON DRAWING G002.  
 THESE NOTES ARE SPECIFIC TO THE WORK AT WILLIAM DAVIES MIDDLE SCHOOL AND SHALL NOT BE APPLIED TO WORK AT OTHER SCHOOLS IN THE PROJECT. ALL WORK DESCRIBED IN THESE NOTES IS THE RESPONSIBILITY OF THE GENERAL PRIME CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.  
 GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

- 1. IN INDICATED SPACES, REMOVE AND STORE EXISTING CEILING PANELS, CEILING GRID AND APPLIANCES TO ACCOMMODATE RENOVATION. COORDINATE EXTENT OF CEILING REMOVAL WITH PROVISION OF REMOVALS AND NEW WORK - SEE HVAC DRAWINGS. INDICATED WORK IS ANTICIPATED BASED ON DUCT AND PIPE ROUTINGS. COORDINATE WITH SHEET METAL AND PIPING SHOP DRAWINGS. ANY REMOVAL / REINSTALLATION OUTSIDE OF INDICATED LIMITS IS BY HVAC OR ELECTRICAL PRIME CONTRACTOR AT HIS ADDITIONAL COST TO THE OWNER. CLEAN EXISTING GRID. AFTER RENOVATION IS COMPLETE, REINSTALL (WITH NEW HANGAR WIRE TO EXISTING STRUCTURE) ALL CEILING GRID, CEILING PANELS AND APPLIANCES IN PREVIOUS LOCATIONS UNLESS SUPERSEDED BY REFLECTED CEILING PLAN OR HVAC / ELECTRICAL DRAWINGS. REPLACE ALL DAMAGED OR DETERIORATED CEILING PANELS AND GRID WITH NEW TO MATCH EXISTING. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT SURFACES. ALL HVAC / ELECTRICAL WORK INCLUDING DEMOLITION, PATCHING & REPAIR, RE-INSTALLATION AND RE-CONNECTION SHALL BE BY RESPECTIVE TRADE CONTRACTOR.
- 2. GYP BOARD CEILING REMOVAL REMOVE EXISTING GYPSUM WALL BOARD AND STEEL STUD FRAMING ASSEMBLY AS REQUIRED FOR MECHANICAL EQUIPMENT REMOVAL AND NEW INSTALLATION. REPAIR/INSTALL NEW TO MATCH EXISTING.



JOHN J. VEIS, AIA, CSBA  
 NU-PA18684001 PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NU-PA18684001 PA-84202024  
 GEORGE K. DUTHIE, JR., AIA, PP  
 NU-PA18684001 PA-84202020  
 Date: *[Signature]* / *[Signature]* / *[Signature]*  
 Architect:

**FVHD** architects  
 planners  
 Fraytak Veisz Hopkins Duthie P C  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17433

Project Name:  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name:  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location:  
**1876 DENNIS FORMAN DR  
 MAYS LANDING,  
 NJ 08330**

Project Number:  
**4937C**

Project Date:  
**02.15.2019**

Checked By:  
**JJV**

Drawn By:  
**KM**

Scale:  
**AS NOTED**

Drawing Name:  
**PARTIAL FIRST FLOOR REFLECTED CEILING PLAN**

Block:  
**BLOCK B**

Revisions:  
 No. Date Description

Drawing Number:  
**A108**

F V H D P C - C O M

**DEMOLITION / CONSTRUCTION NOTES:**

GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, CARPET ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE GENERAL CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM SITE.

- PATCH AND REPAIR ALL DAMAGE, ESPECIALLY FLOOR AND WALL DAMAGE, RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING UNIT VENTILATOR, FIN TUBE RADIATION AND ASSOCIATED CASEWORK AND APPURTENANCES. MATCH EXISTING ADJACENT FINISH. FINISH ALL NEWLY EXPOSED SURFACES (WALL, FLOOR, BASE, ETC.) TO MATCH EXISTING ADJACENT SURFACES TO REMAIN. SEE ROOM FINISH SCHEDULE.
- IN ALL LOCATIONS OF REMOVED UNIT VENTILATOR OUTSIDE AIR GRILLES, CLOSE AND PATCH OPENINGS WITH NEW WALL CONSTRUCTION TO MATCH EXISTING, INCLUDING FACE BRICK, INSULATION AND CMU. INSTALL FLUSH WITH BOTH FACES OF WALL. PAINT EXPOSED INTERIOR SURFACES TO MATCH EXISTING ADJACENT WALL.

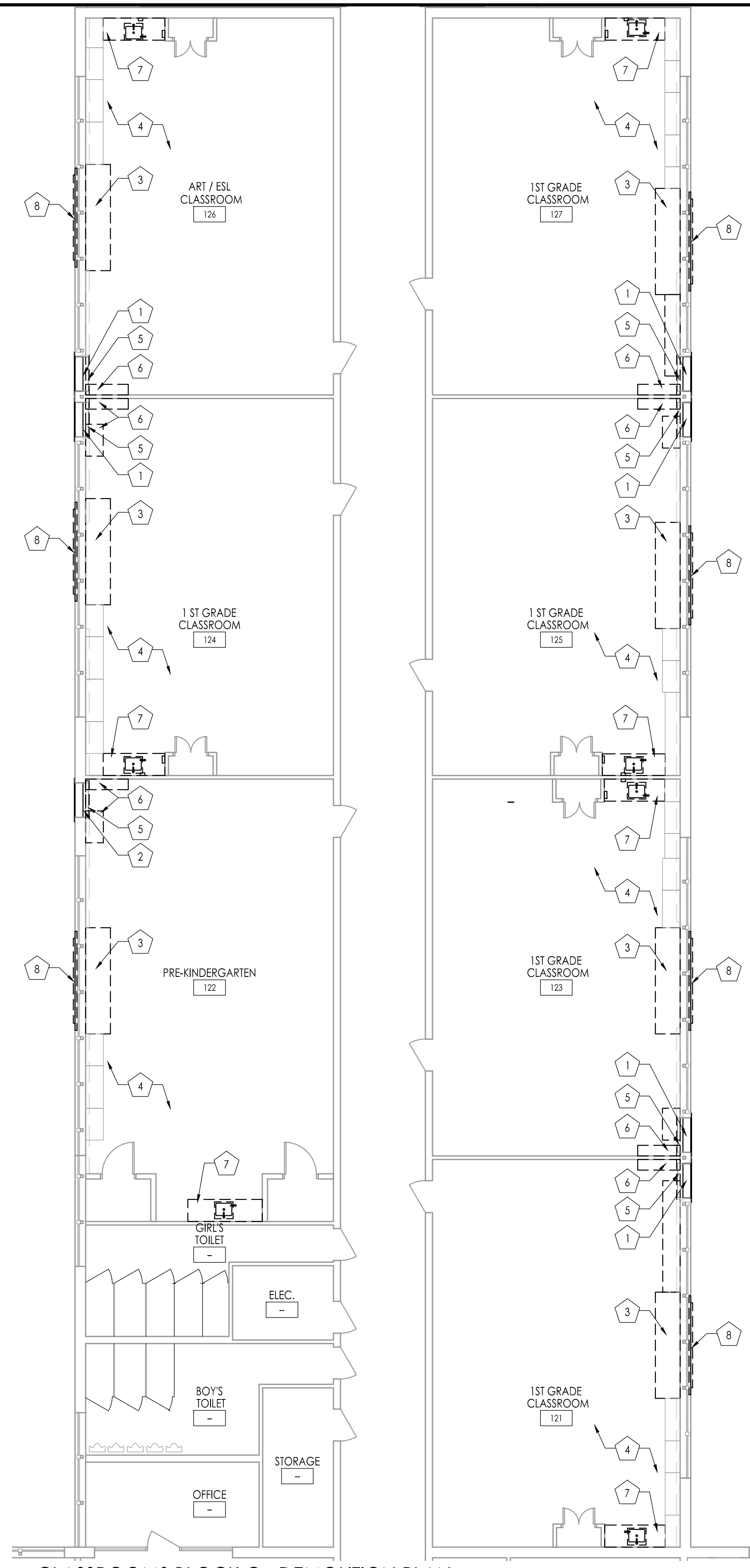
**DEMOLITION / RENOVATION NOTES - JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL:**

SEE GENERAL NOTES ON DEMOLITION ON DRAWING G002.

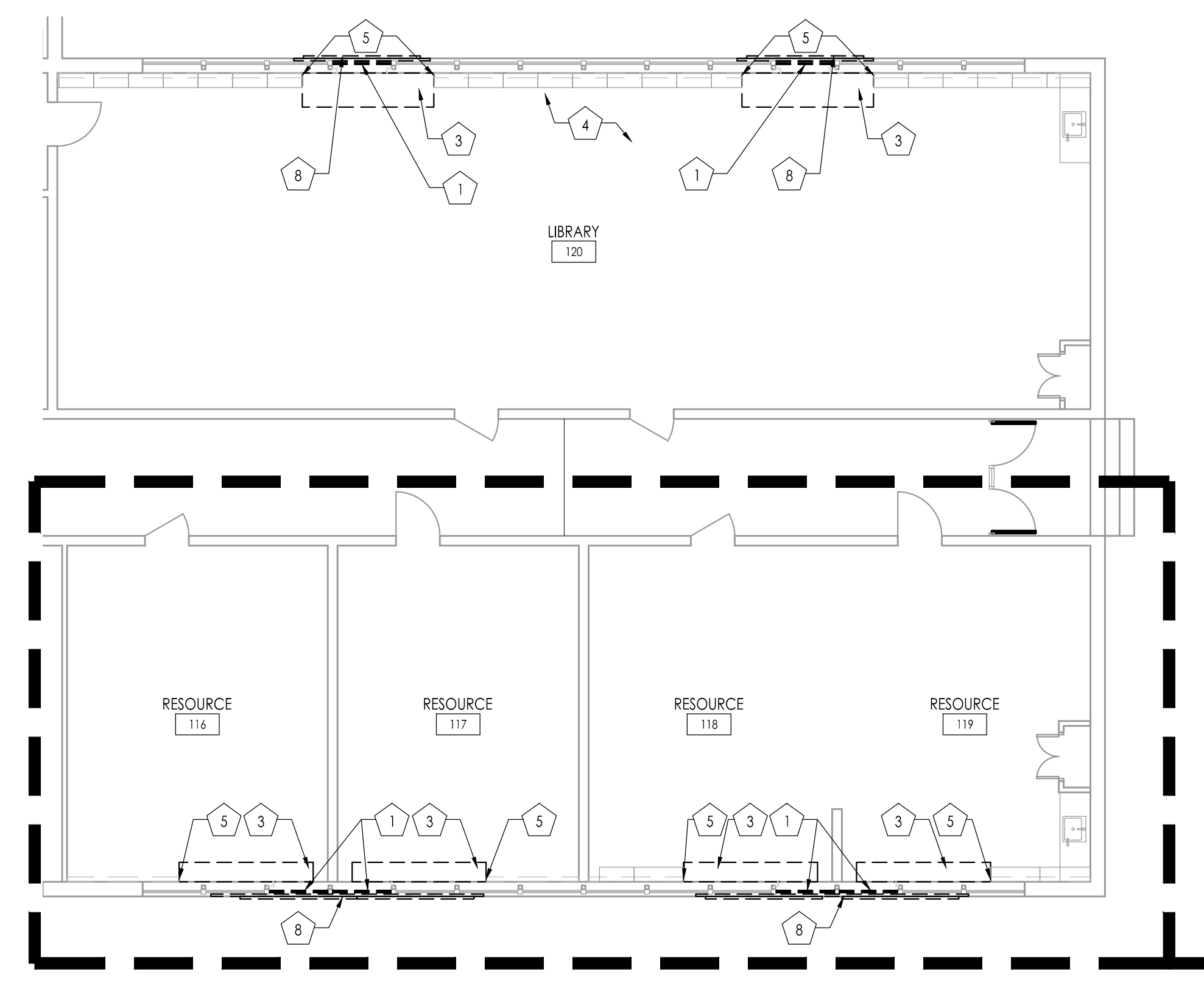
THESE NOTES ARE SPECIFIC TO THE WORK AT JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL AND SHALL NOT BE APPLIED TO WORK AT OTHER SCHOOLS IN THE PROJECT. ALL WORK DESCRIBED IN THESE NOTES IS THE RESPONSIBILITY OF THE GENERAL PRIME CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.

GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

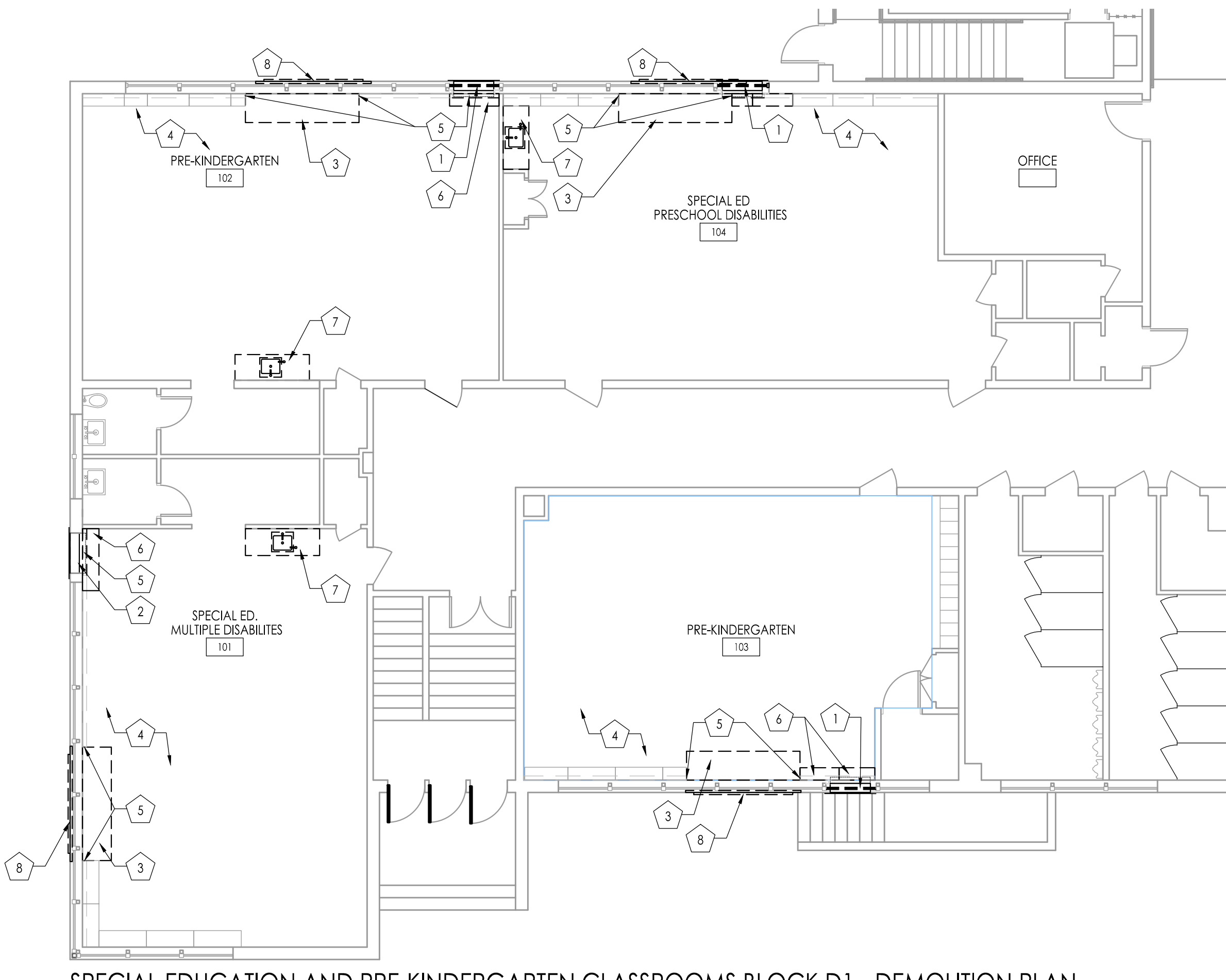
- BRACE AND SHORE UP EXISTING WINDOW SYSTEM TO REMAIN. GENERAL CONTRACTOR TO REMOVE EXISTING GLAZING, HORIZONTAL MULLIONS AND ASSOCIATED CONSTRUCTION AS NECESSARY TO ACCOMMODATE NEW SLEEVE, LOUVER, INSULATED PANEL FRAME AND ASSOCIATED COMPONENTS AS FURNISHED AND INSTALLED BY HVAC CONTRACTOR. COORDINATE SIZES AND LOCATIONS WITH HVAC AND ARCHITECTURAL DRAWINGS. GENERAL CONTRACTOR SHALL PROVIDE INSULATION, BACKER RODS, AND SEALANT AROUND SLEEVES AS REQUIRED TO PREVENT AIR AND WATER INFILTRATION.
- BRACE AND SHORE UP EXISTING WALL CONSTRUCTION TO REMAIN. GENERAL CONTRACTOR TO PROVIDE NEW MASONRY OPENING INCLUDING UNITE ASSEMBLY AS REQUIRED TO ACCOMMODATE NEW SLEEVE AND LOUVER AS FURNISHED AND INSTALLED BY HVAC CONTRACTOR. GENERAL CONTRACTOR SHALL PROVIDE INSULATION, BACKER RODS AND SEALANT AROUND SLEEVE AS REQUIRED TO PREVENT AIR AND WATER INFILTRATION.
- EXISTING UNIT VENTILATORS SHALL BE REMOVED IN THEIR ENTIRETY. THEY SHALL BE DE-ENERGIZED BY ELECTRICAL PRIME CONTRACTOR / DISCONNECTED, DRAINED AND REMOVED BY HVAC PRIME CONTRACTOR. GENERAL PRIME CONTRACTOR SHALL PATCH AND REPAIR ANY AND ALL DAMAGE, INCLUDING BUT NOT LIMITED TO FLOOR AND WALL DAMAGE, RESULTING FROM DEMOLITION AND REMOVAL OF EXISTING UNIT VENTILATOR AND ASSOCIATED APPURTENANCES. MATCH EXISTING ADJACENT FINISHES. FINISH ALL NEWLY EXPOSED SURFACES (WALL, FLOOR, BASE, ETC.) TO MATCH EXISTING ADJACENT SURFACES REMAINING. ABATEMENT WORK ON EXISTING FLOORING SHALL BE PERFORMED BY OTHERS.
- COORDINATE EXTENT OF CEILING REMOVAL WITH PROVISION OF NEW WORK - SEE HVAC DRAWINGS. INDICATED WORK IS ANTICIPATED BASED ON DUCT AND PIPE ROUTINGS. REMOVE AND STORE EXISTING CEILING PANELS, CEILING GRID AND APPLIANCES TO ACCOMMODATE RENOVATION. ANY REMOVAL / REINSTALLATION OUTSIDE OF INDICATED LIMITS IS BY HVAC OR ELECTRICAL PRIME CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CLEAN EXISTING GRID. AFTER RENOVATION IS COMPLETE, REINSTALL (WITH NEW HANGAR WIRE TO EXISTING STRUCTURE) ALL CEILING GRID, CEILING PANELS AND APPLIANCES IN PREVIOUS LOCATIONS UNLESS SUPERSEDED BY REFLECTED CEILING PLAN OR HVAC / ELECTRICAL DRAWINGS. REPLACE ALL DAMAGED OR DETERIORATED CEILING PANELS AND GRID WITH NEW TO MATCH EXISTING. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT SURFACES. ALL HVAC / ELECTRICAL WORK, INCLUDING DEMOLITION, PATCHING & REPAIR, RE-INSTALLATION AND RE-CONNECTION SHALL BE BY RESPECTIVE TRADE CONTRACTOR.
- EXISTING FINNED TUBE RADIATORS AND ASSOCIATED PIPING SHALL BE DISCONNECTED. AT LOCATION OF NEW UNIT VENTILATOR, MODIFY EXISTING FIN TUBE RADIATORS. SEE HVAC DRAWINGS AND SPECIFICATIONS.
- WHERE INDICATED REMOVE, SALVAGE, STORE, AND REINSTALL EXISTING CASEWORK, TO ACCOMMODATE RENOVATIONS. COORDINATE EXTENT OF CASEWORK REMOVAL WITH PROVISION OF SCOPE OF NEW WORK. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT SURFACES. ALL WORK, INCLUDING DEMOLITION, PATCHING & REPAIR, AND RE-INSTALLATION OF CASEWORK SHALL BE PERFORMED BY GENERAL CONTRACTOR.
- SEE ARCHITECTURAL DRAWING A106 FOR SINK REPLACEMENT.
- IN ALL LOCATIONS OF EXISTING UNIT VENTILATOR OUTSIDE AIR GRILLES, REMOVE EXISTING GRILLE. CLOSE AND PATCH OPENINGS WITH NEW INSULATION AND INTERIOR FINISH. PAINT EXPOSED INTERIOR SURFACES TO MATCH EXISTING ADJACENT WALL. SCRAPE, CLEAN, PRIME, PAINT AND REINSTALL EXISTING GRILLE. SEE WALL SECTION 9/A201 FOR CONDITION AT EXISTING LOUVER WALL SECTION 9/A201 FOR CONDITION AT EXISTING BRICK.



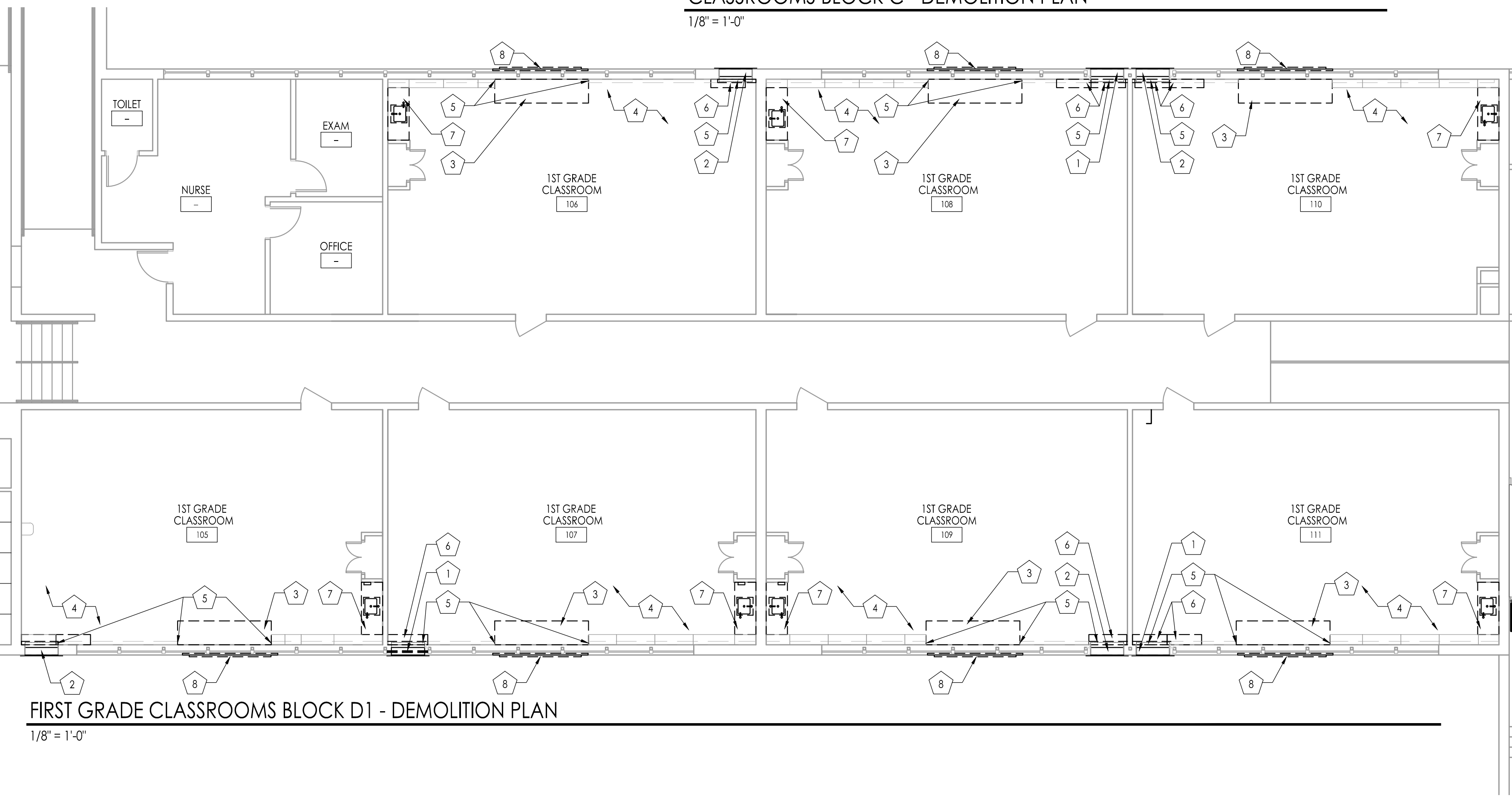
**CLASSROOMS BLOCK C - DEMOLITION PLAN**  
1/8" = 1'-0"



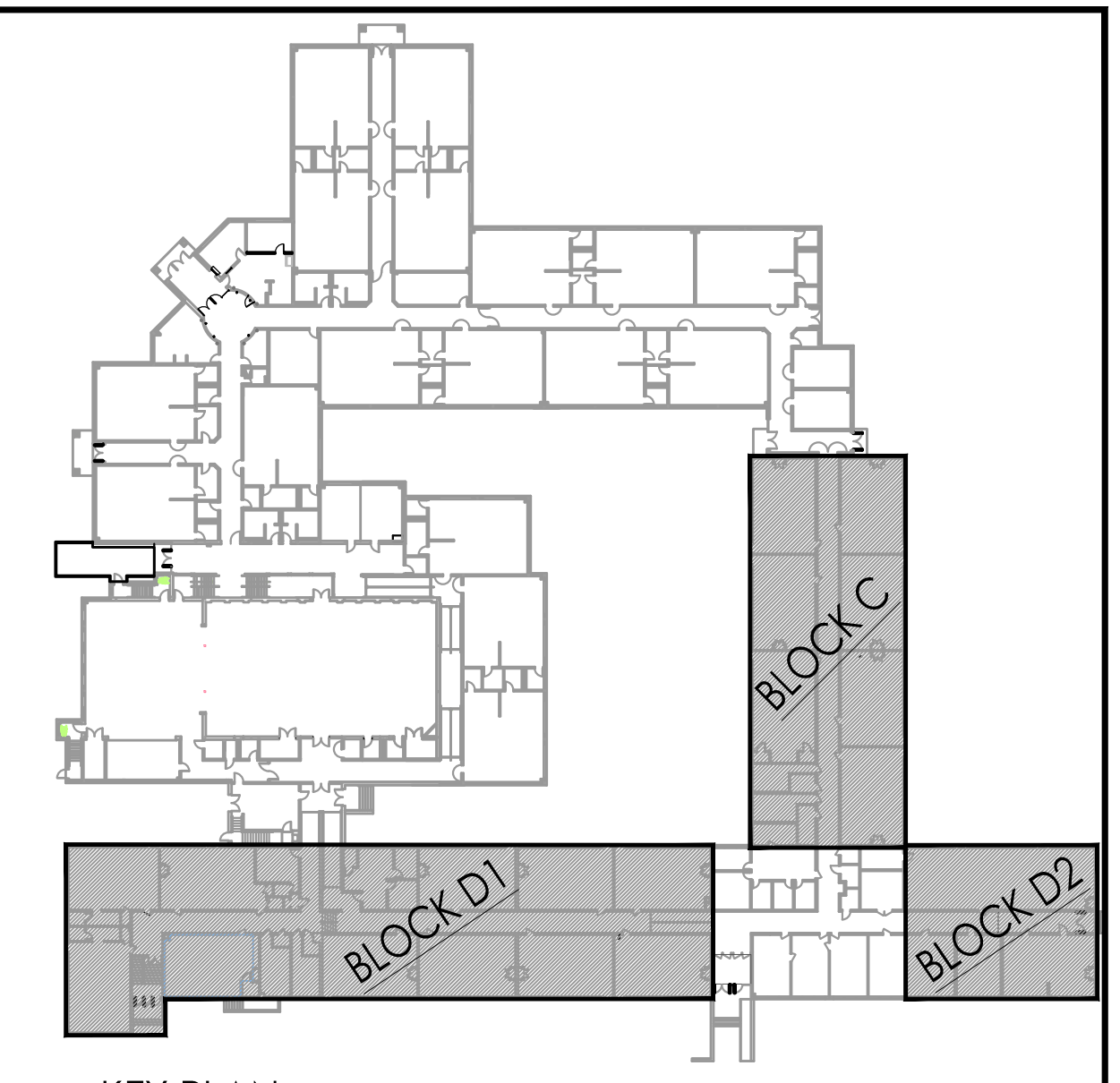
**LIBRARY & RESOURCE ROOMS BLOCK D2 - DEMOLITION PLAN**  
1/8" = 1'-0"



**SPECIAL EDUCATION AND PRE-KINDERGARTEN CLASSROOMS BLOCK D1 - DEMOLITION PLAN**  
1/8" = 1'-0"



**FIRST GRADE CLASSROOMS BLOCK D1 - DEMOLITION PLAN**  
1/8" = 1'-0"



**KEY PLAN**  
1/64" = 1'-0"

JOHN J. VEISZ, AIA, CSBA  
NO. 2140000001 PA. 84201818  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NO. 2140000001 PA. 84202204  
GEORGE R. DUTHIE, JR., AIA, PP  
NO. 2140000001 PA. 84202700

**FVHD** architects  
planners  
Fraytak Veisz Hopkins Duthie P C  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17043

Project Name  
**ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

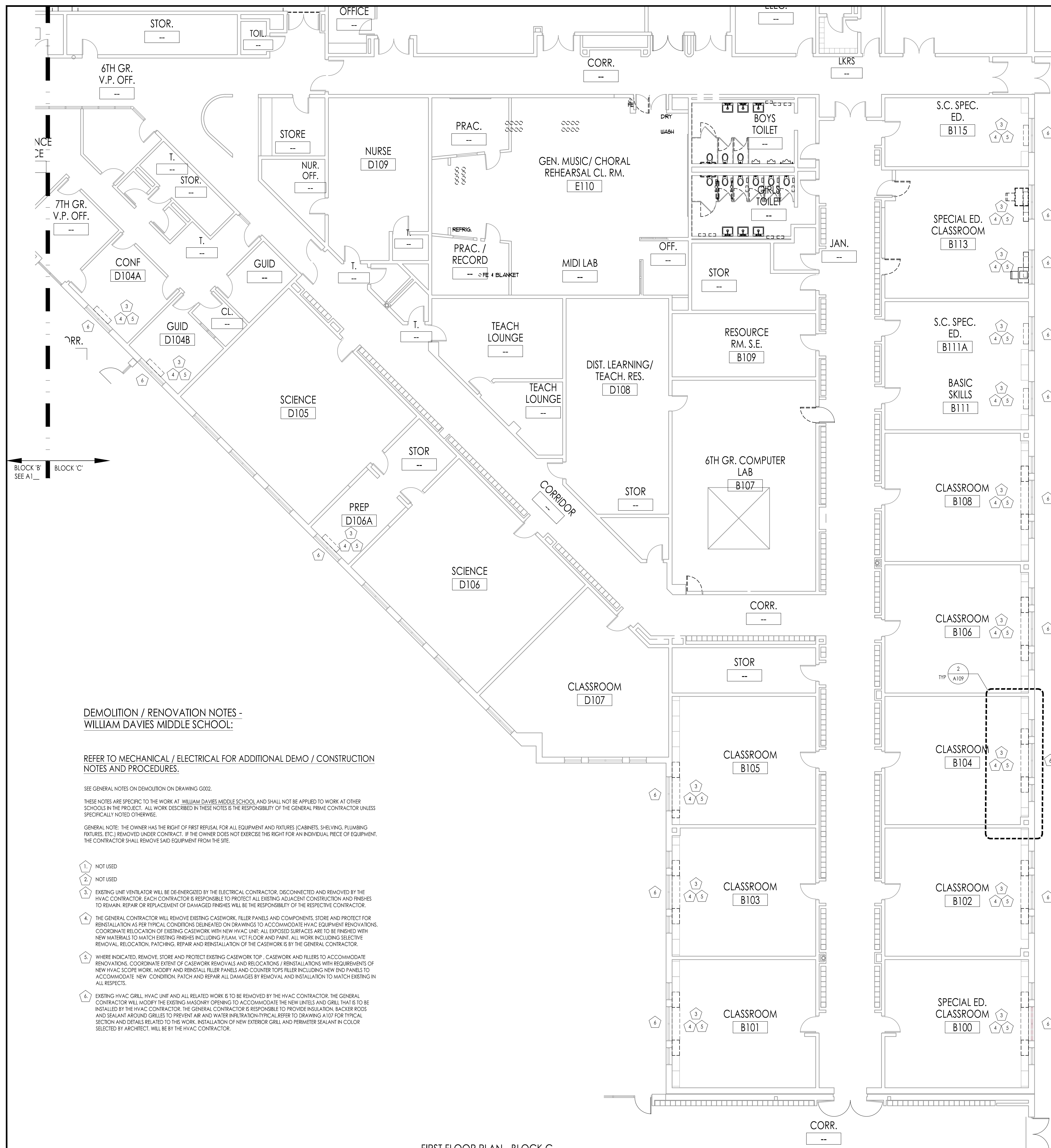
Project Location  
**5801 3rd ST  
MAYS LANDING,  
NJ 08330**

Project Number  
**4937B**  
Project Date  
**02.15.2019**  
Checked By  
**JJV**  
Drawn By  
**HJ**  
Scale  
**AS NOTED**

Drawing Name  
**DEMOLITION PLAN  
LAYOUT & NOTES  
BASE BID**  
  
**BLOCK C  
BLOCK D1  
BLOCK D2**

Revisions	No.	Date	Description

Drawing Number  
**A109**



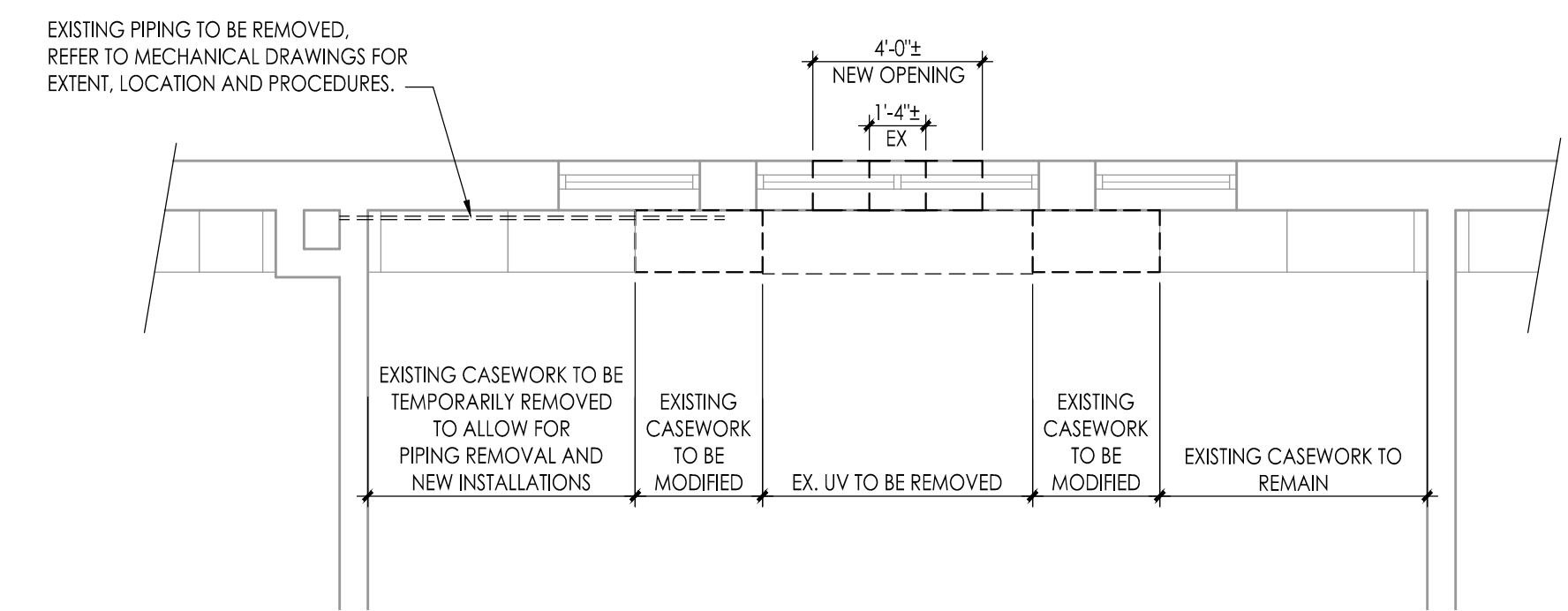
FIRST FLOOR PLAN - BLOCK C  
Scale: 1/8" = 1'-0"

**DEMOLITION / RENOVATION NOTES - WILLIAM DAVIES MIDDLE SCHOOL:**

REFER TO MECHANICAL / ELECTRICAL FOR ADDITIONAL DEMO / CONSTRUCTION NOTES AND PROCEDURES.

SEE GENERAL NOTES ON DEMOLITION ON DRAWING G002.  
THESE NOTES ARE SPECIFIC TO THE WORK AT WILLIAM DAVIES MIDDLE SCHOOL AND SHALL NOT BE APPLIED TO WORK AT OTHER SCHOOLS IN THE PROJECT. ALL WORK DESCRIBED IN THESE NOTES IS THE RESPONSIBILITY OF THE GENERAL PRIME CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.  
GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

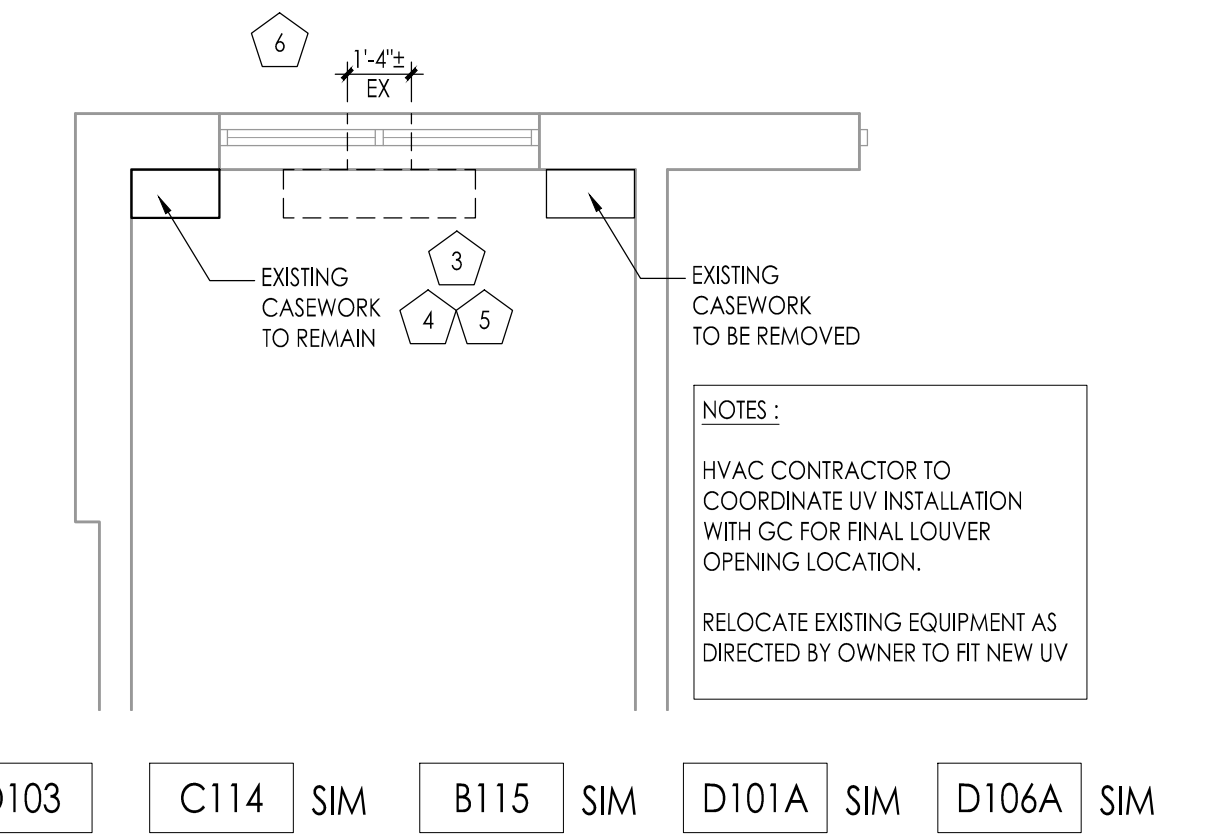
- 1. NOT USED
- 2. NOT USED
- 3. EXISTING UNIT VENTILATOR WILL BE DE-ENERGIZED BY THE ELECTRICAL CONTRACTOR, DISCONNECTED AND REMOVED BY THE HVAC CONTRACTOR. EACH CONTRACTOR IS RESPONSIBLE TO PROTECT ALL EXISTING ADJACENT CONSTRUCTION AND FINISHES TO REMAIN, REPAIR OR REPLACEMENT OF DAMAGED FINISHES WILL BE THE RESPONSIBILITY OF THE RESPECTIVE CONTRACTOR.
- 4. THE GENERAL CONTRACTOR WILL REMOVE EXISTING CASEWORK, FILLER PANELS AND COMPONENTS, STORE AND PROTECT FOR REINSTALLATION AS PER TYPICAL CONDITIONS DELINEATED ON DRAWINGS TO ACCOMMODATE HVAC EQUIPMENT RENOVATIONS. COORDINATE RELOCATION OF EXISTING CASEWORK WITH NEW HVAC UNIT. ALL EXPOSED SURFACES ARE TO BE FINISHED WITH NEW MATERIALS TO MATCH EXISTING FINISHES INCLUDING FLOOR, VCT FLOOR AND PAINT. ALL WORK INCLUDING SELECTIVE REMOVAL, RELOCATION, PATCHING, REPAIR AND REINSTALLATION OF THE CASEWORK IS BY THE GENERAL CONTRACTOR.
- 5. WHERE INDICATED, REMOVE, STORE AND PROTECT EXISTING CASEWORK TOP, CASEWORK AND FILLERS TO ACCOMMODATE RENOVATIONS. COORDINATE EXTENT OF CASEWORK REMOVALS AND RELOCATIONS / REINSTALLATIONS WITH REQUIREMENTS OF NEW HVAC SCOPE WORK. MODIFY AND REINSTALL FILLER PANELS AND COUNTER TOPS FILLER INCLUDING NEW END PANELS TO ACCOMMODATE NEW CONDITION, PATCH AND REPAIR ALL DAMAGES BY REMOVAL AND INSTALLATION TO MATCH EXISTING IN ALL RESPECTS.
- 6. EXISTING HVAC GRILL, HVAC UNIT AND ALL RELATED WORK IS TO BE REMOVED BY THE HVAC CONTRACTOR. THE GENERAL CONTRACTOR WILL MODIFY THE EXISTING MASONRY OPENING TO ACCOMMODATE THE NEW UNITS AND GRILL THAT IS TO BE INSTALLED BY THE HVAC CONTRACTOR. THE GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE INSULATION, BACKER RODS AND SEALANT AROUND GRILLES TO PREVENT AIR AND WATER INFILTRATION-TYPICAL REFER TO DRAWING A107 FOR TYPICAL SECTION AND DETAILS RELATED TO THIS WORK. INSTALLATION OF NEW EXTERIOR GRILL AND PERIMETER SEALANT IN COLOR SELECTED BY ARCHITECT, WILL BE BY THE HVAC CONTRACTOR.



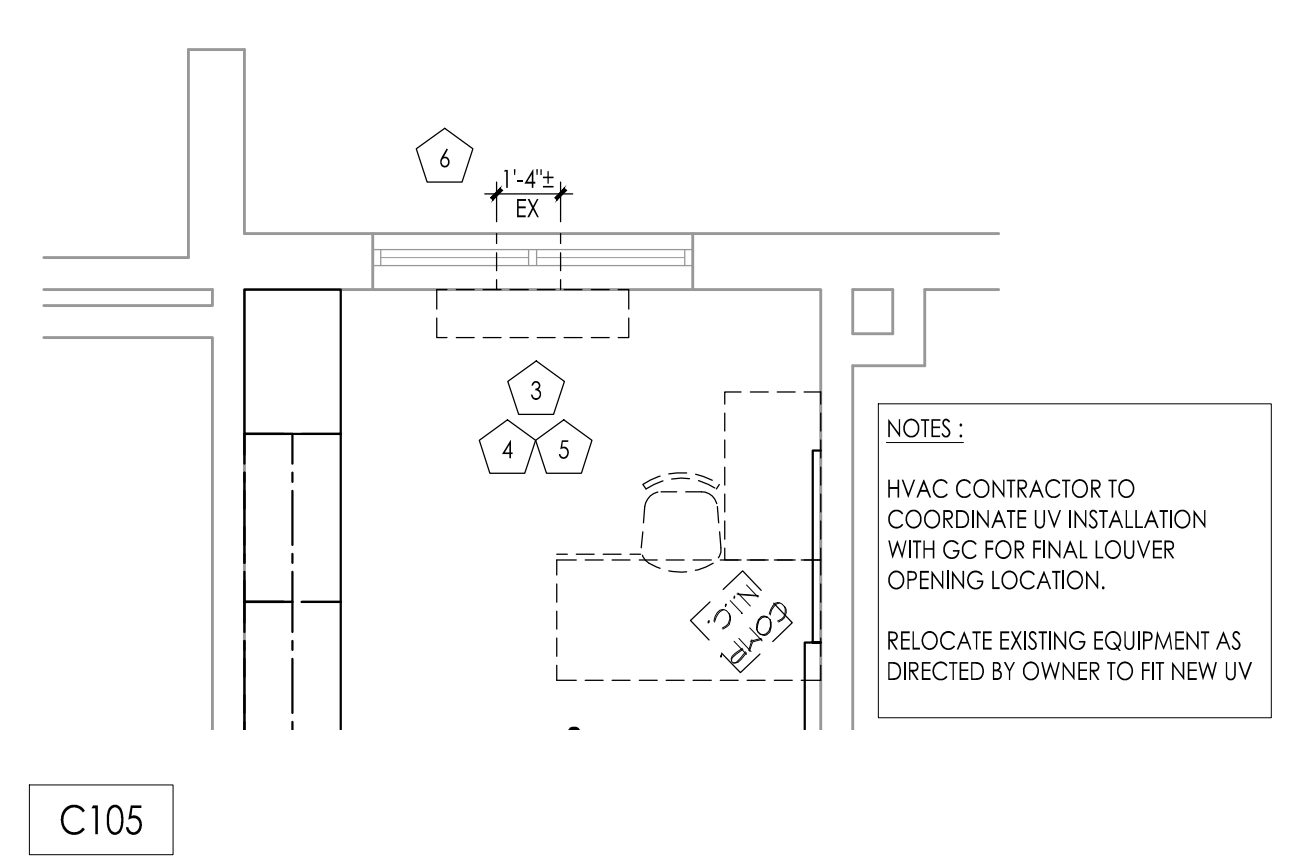
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C106	C108	C110	C112	SIM	
B100	B101	B102	B103	B104	B105
B106	B108	B111	SIM	B111A	SIM
B113	SIM				
D104A	SIM				
D104B	SIM				

NOTES:  
GC IS TO COORDINATE ANY EQUIPMENT REMOVAL AND RELOCATION WITH OWNER

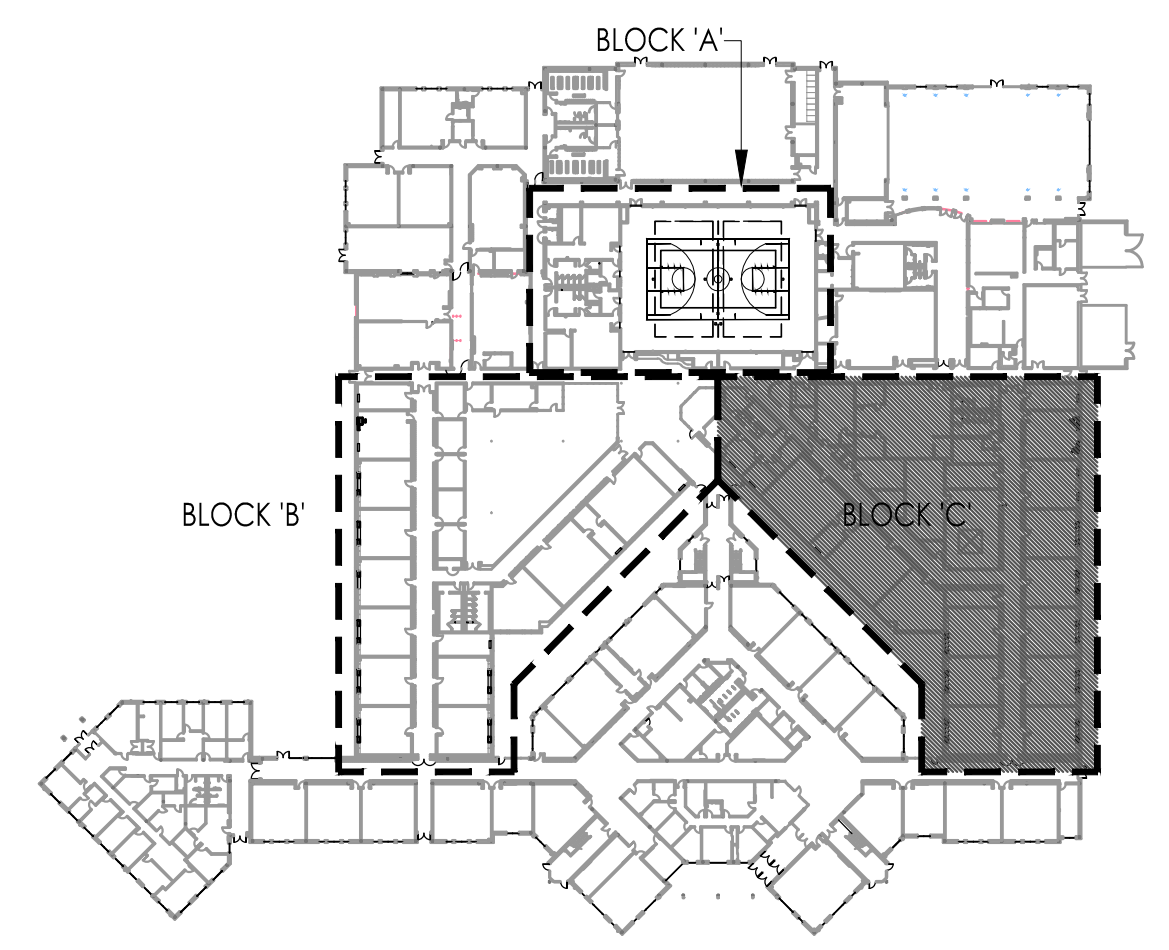
2. UV / CASEWORK - DEMOLITION PLAN (TYPICAL)  
SCALE: 1/4" = 1'-0"



3. UV / CASEWORK - DEMOLITION PLAN  
SCALE: 1/4" = 1'-0"



4. UV / CASEWORK - DEMOLITION PLAN  
SCALE: 1/4" = 1'-0"



Project Name: ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL

Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION

Project Location: 1876 DENNIS FORMAN DR MAYS LANDING, NJ 08330

Project Number: 4937C

Project Date: 02.15.2019

Checked By: JJV

Drawn By: KM

Scale: AS NOTED

Drawing Name: PARTIAL FIRST FLOOR HVAC DEMOLITION PLAN

Block: BLOCK C

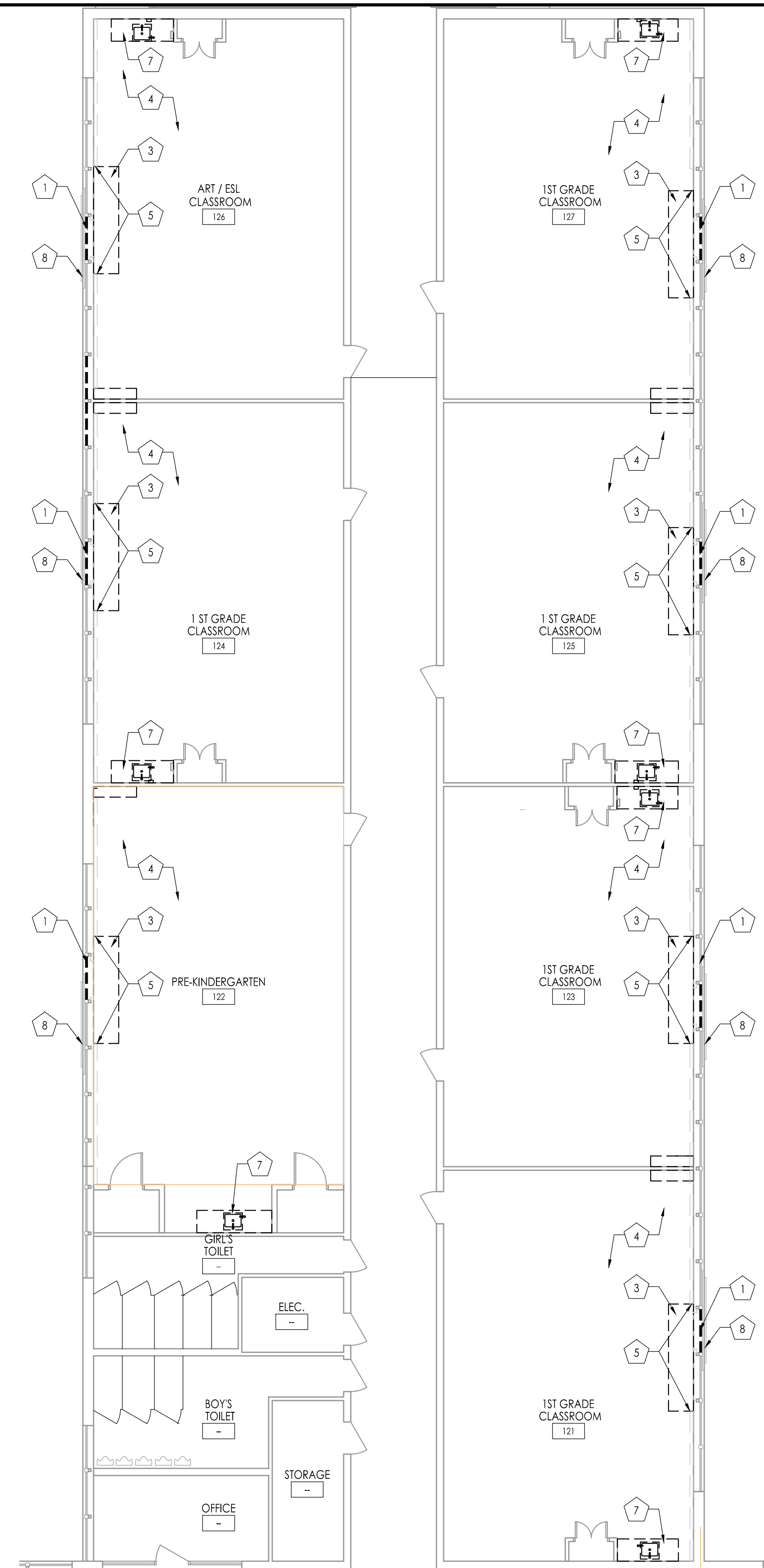
Revisions:

No.	Date	Description

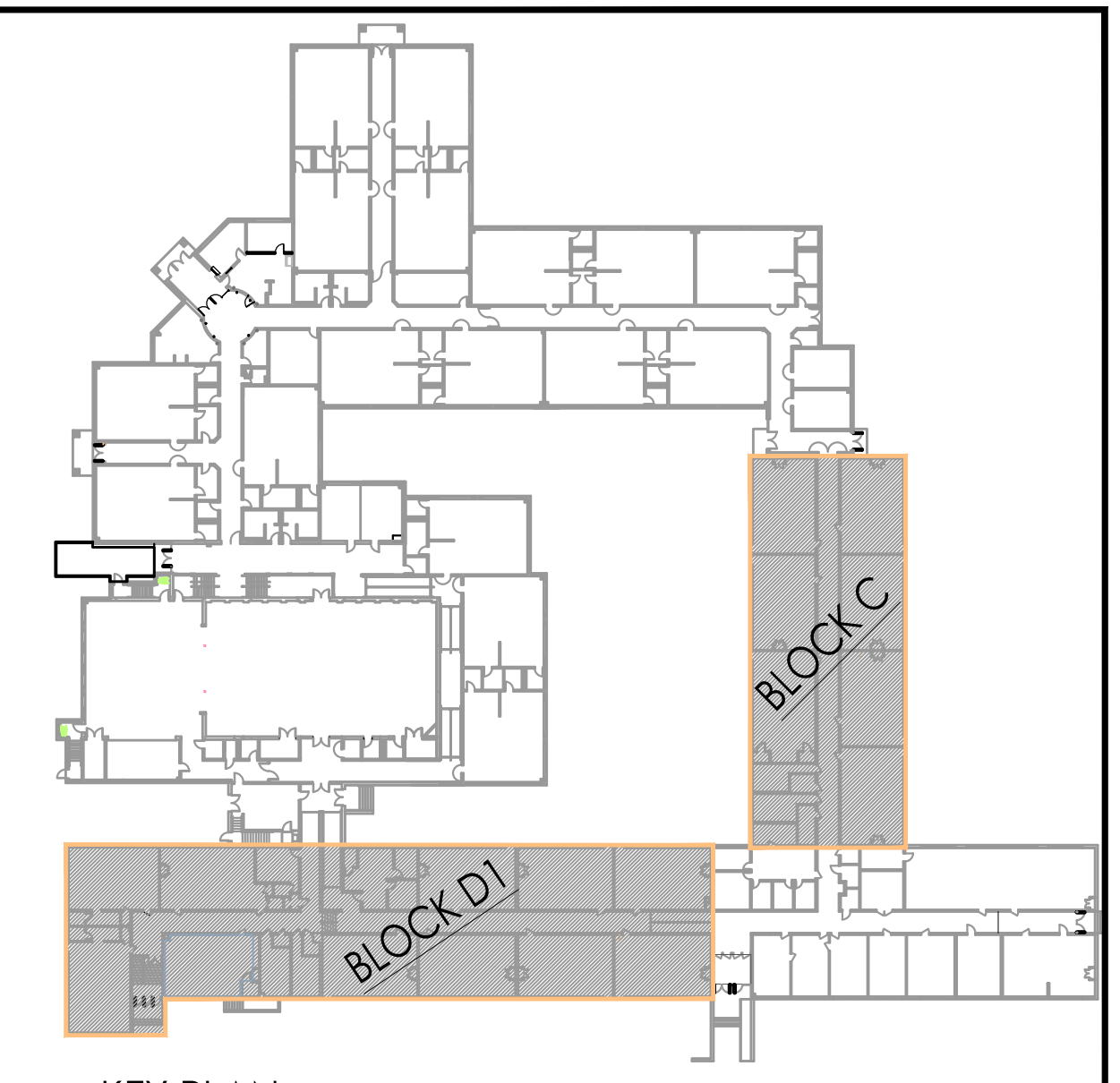
Drawing Number: A109

Architect: FVHD architects planners Fraytak Veisz Hopkins Dutrie PC  
1515 Lower Ferry Road - Trenton - New Jersey 08628  
Corporate: 140 Whitaker Ave - North Wales - Pennsylvania 19383

Professional Engineer: JOHN J. VEISZ, AIA, CSRA, PE, No. 214866000 PA-04201818  
Professional Engineer: WILLIAM D. HOPKINS III, AIA, LEED AP, No. 214866000 PA-04202204  
Professional Engineer: GEORGE K. DUTRIE JR., AIA, PE, No. 214866000 PA-04202202

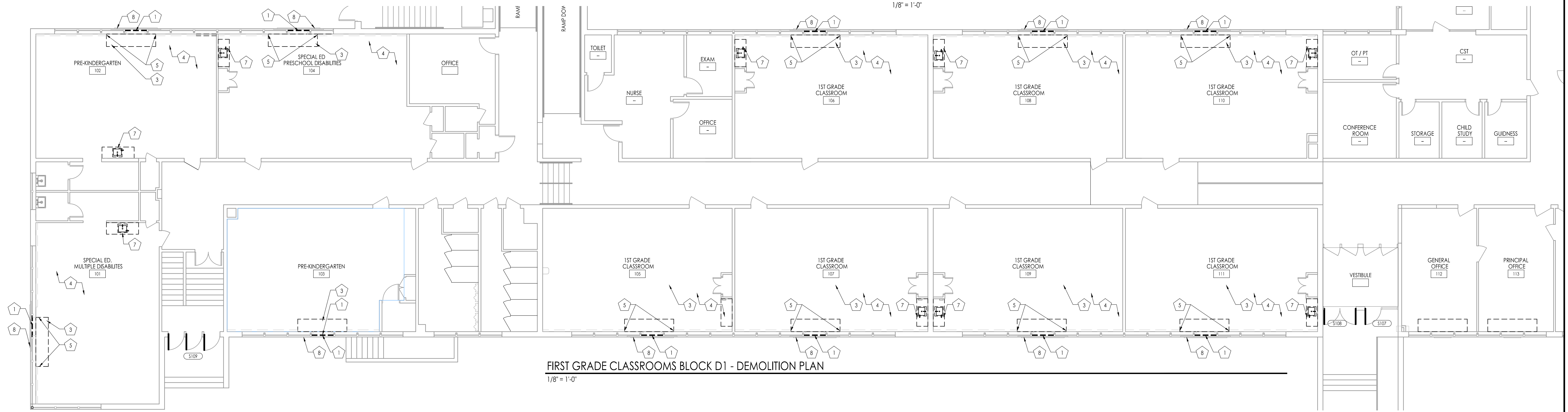


CLASSROOMS BLOCK C - DEMOLITION PLAN  
1/8" = 1'-0"



KEY PLAN  
1/64" = 1'-0"

REFER TO SHEET A109 FOR DEMOLITION NOTES.



FIRST GRADE CLASSROOMS BLOCK D1 - DEMOLITION PLAN  
1/8" = 1'-0"

SPECIAL EDUCATION AND PRE-KINDERGARTEN CLASSROOMS BLOCK D1 - DEMOLITION PLAN  
1/8" = 1'-0"

JOHN J. VEISZ, AIA, CSBA  
 NU-214866001 PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NU-214866001 PA-84202004  
 GEORGE R. DUTHIE, JR., AIA, PP  
 NU-214866001 PA-84202000

FVHD architects  
 planners  
 Fraytak Veisz Hopkins Duthie PC  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whittaker Ave - Mont Clare - Pennsylvania 17453

Date: *[Signature]*  
 F V H D P C - C O M

Project Name  
**ALTERATIONS AND  
 RENOVATIONS TO  
 JOSEPH C. SHANER  
 MEMORIAL  
 ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON  
 TOWNSHIP BOARD  
 OF EDUCATION**

Project Location  
**5801 3rd ST  
 MAYS LANDING,  
 NJ 08330**

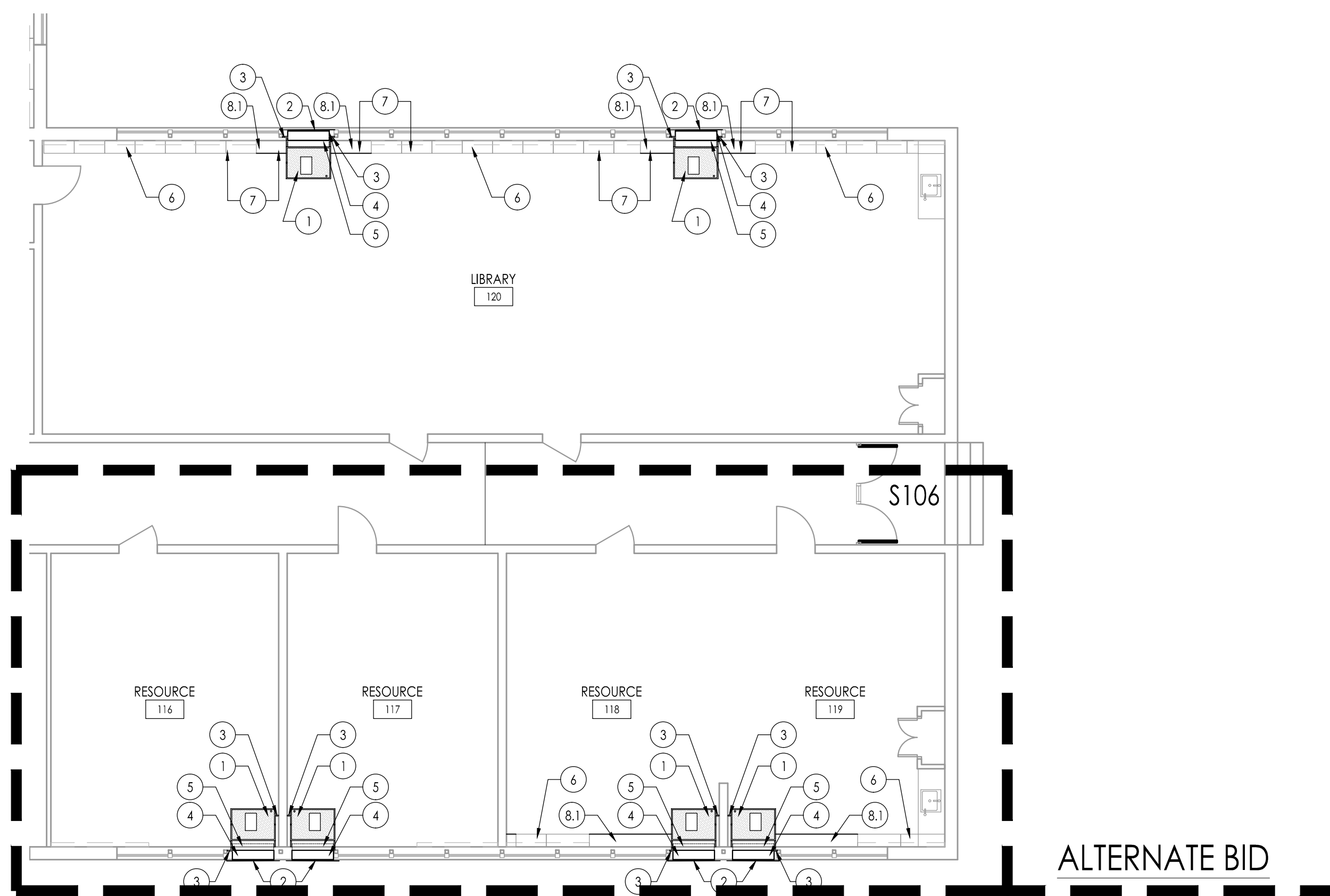
Project Number  
**4937B**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**HJ**  
 Scale  
**AS NOTED**

Drawing Name  
**DEMOLITION PLAN  
 LAYOUT & NOTES  
 ALTERNATE BID**

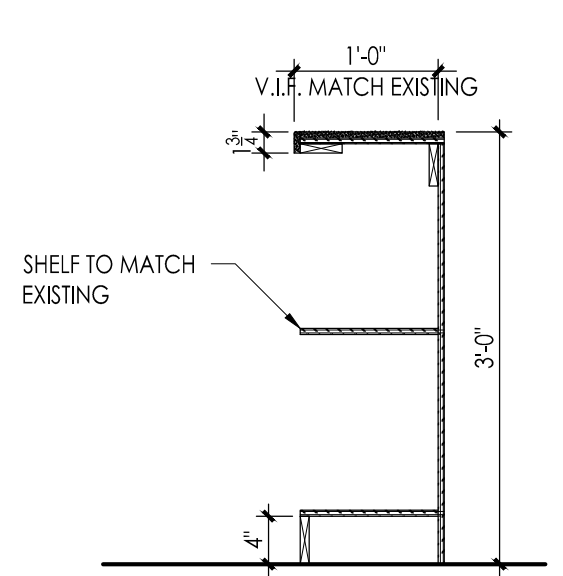
**BLOCK C  
 BLOCK D1**

Revisions		
No.	Date	Description

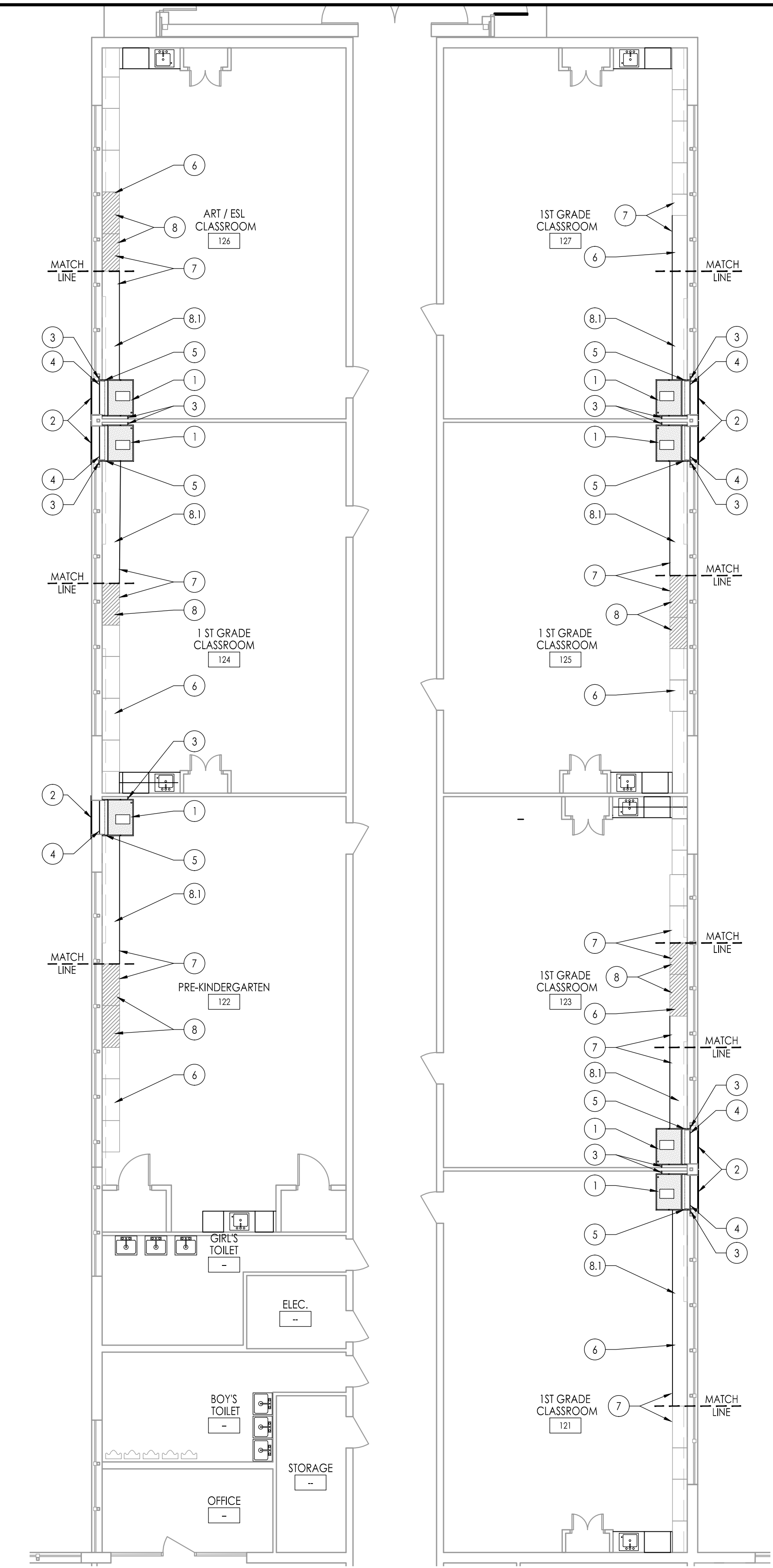
Drawing Number  
**A109a**



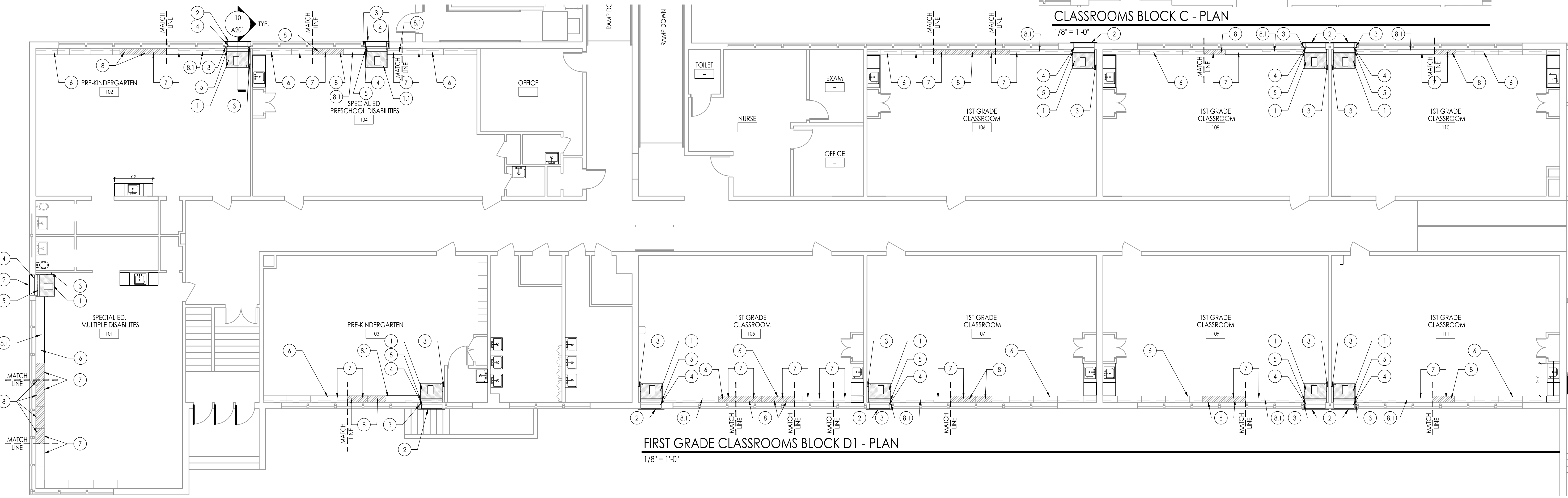
LIBRARY & RESOURCE ROOMS BLOCK D2 - PLAN  
1/8" = 1'-0"



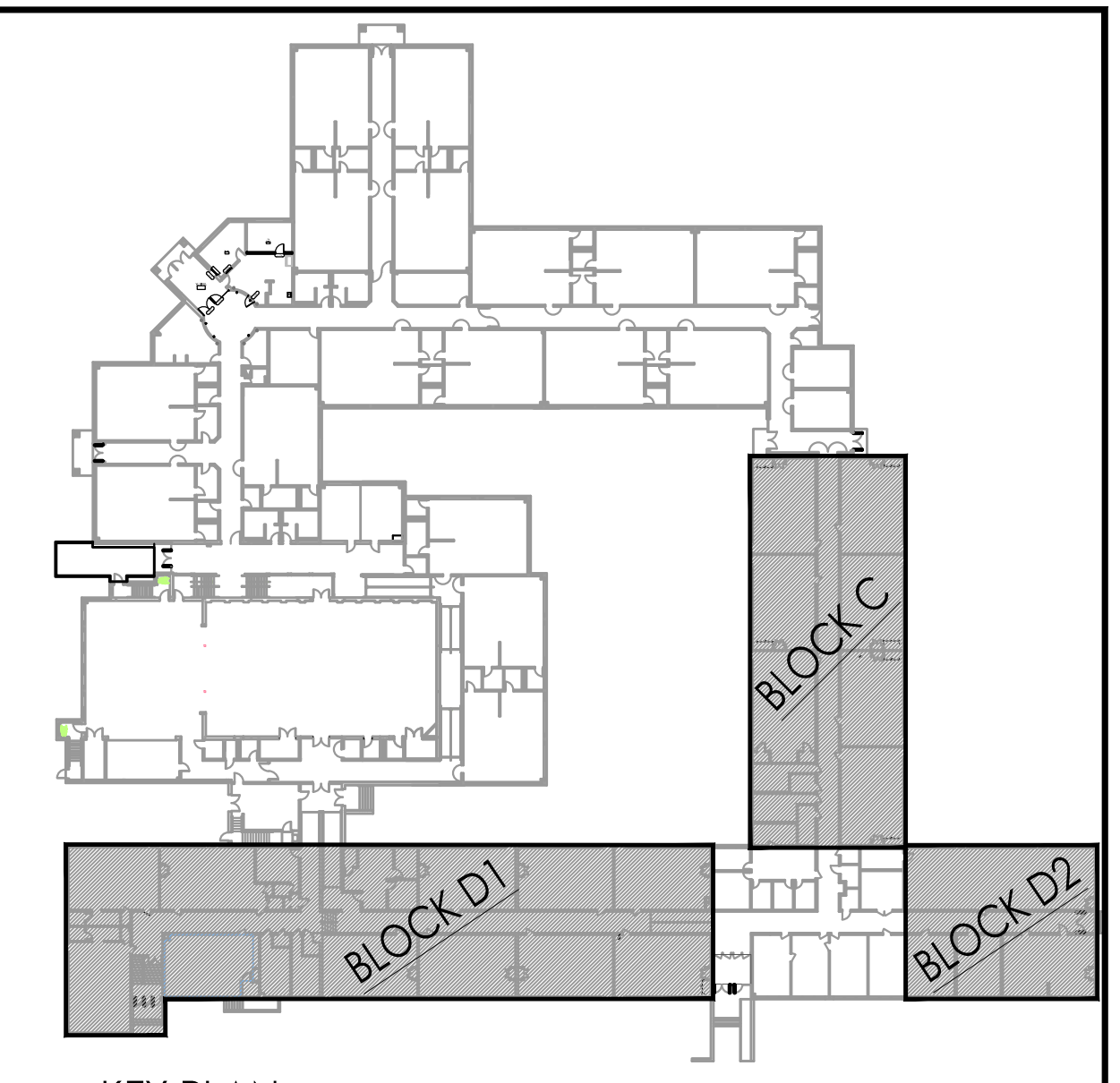
SECTION @ NEW CASEWORK  
3/4" = 1'-0"



CLASSROOMS BLOCK C - PLAN  
1/8" = 1'-0"



SPECIAL EDUCATION AND PRE-KINDERGARTEN CLASSROOMS BLOCK D1 - PLAN  
1/8" = 1'-0"



KEY PLAN  
1/64" = 1'-0"

- NEW WORK NOTES - JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL:  
SEE GENERAL NOTES ON DRAWING G-002.
- THESE NOTES ARE SPECIFIC TO THE WORK AT JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL AND SHALL NOT BE APPLIED TO WORK AT OTHER SCHOOLS IN THE PROJECT. ALL WORK DESCRIBED IN THESE NOTES IS THE RESPONSIBILITY OF THE GENERAL PRIME CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.
- NEW VERTICAL UNIT VENTILATOR OFFSET FROM WALL MIN. 3" - REFER TO HVAC DWGS.
  - NEW VERTICAL UNIT VENTILATOR - ALTERNATE BID
  - FILLER PANEL @ SIDE: INSET FROM FRONT TO CLEAR RETURN AIR INLET & RUN FULL HEIGHT OF UNIT AND PLENUM TO MATCH V.U.V. - FURNISHED AND INSTALLED BY HVAC PRIME CONTRACTOR (TYP.)
  - NEW WALL SLEEVE TO BE CONNECTED TO LOUVER AND INSULATED PANEL FURNISHED AND INSTALLED BY HVAC CONTRACTOR.
  - REAR EXTENSION & FILLER PANEL TO CLOSE GAP TO EXIST WINDOW MULLION - FINISH TO MATCH V.U.V. - FURNISHED & INSTALLED BY HVAC CONTRACTOR (TYP.)
  - NEW CONT. COUNTER TOP
  - FACE OF CABINETS TO ALIGN
  - LOCATION OF RELOCATED CABINET - ALIGN TO INDICATED MATCH LINE  
8.1. NEW INFILL CABINETS VERIFY DIMENSIONS IN FIELD.

- LEGEND
- EXISTING CABINET TO BE RELOCATED

JOHN J. VEISZ, AIA, CSBA  
NU-214866000 | PA-84201818

WILLIAM D. HOPKINS III, AIA, LEED AP  
NU-214866000 | PA-84202524

GEORGE R. DUTHIE, JR., AIA, PP  
NU-214866000

**FVHD** architects  
planners

Fraytak Veisz Hopkins Duthie P.C.  
Company: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whittaker Ave - Mont Clare - Pennsylvania 17433

Project Name: ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL

Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION

Project Location: 5801 3rd ST MAYS LANDING, NJ 08330

Project Number: 4937B

Project Date: 02.15.2019

Checked By: JJV

Drawn By: HJ

Scale: AS NOTED

Drawing Name: FLOOR PLAN LAYOUT & NOTES BASE BID

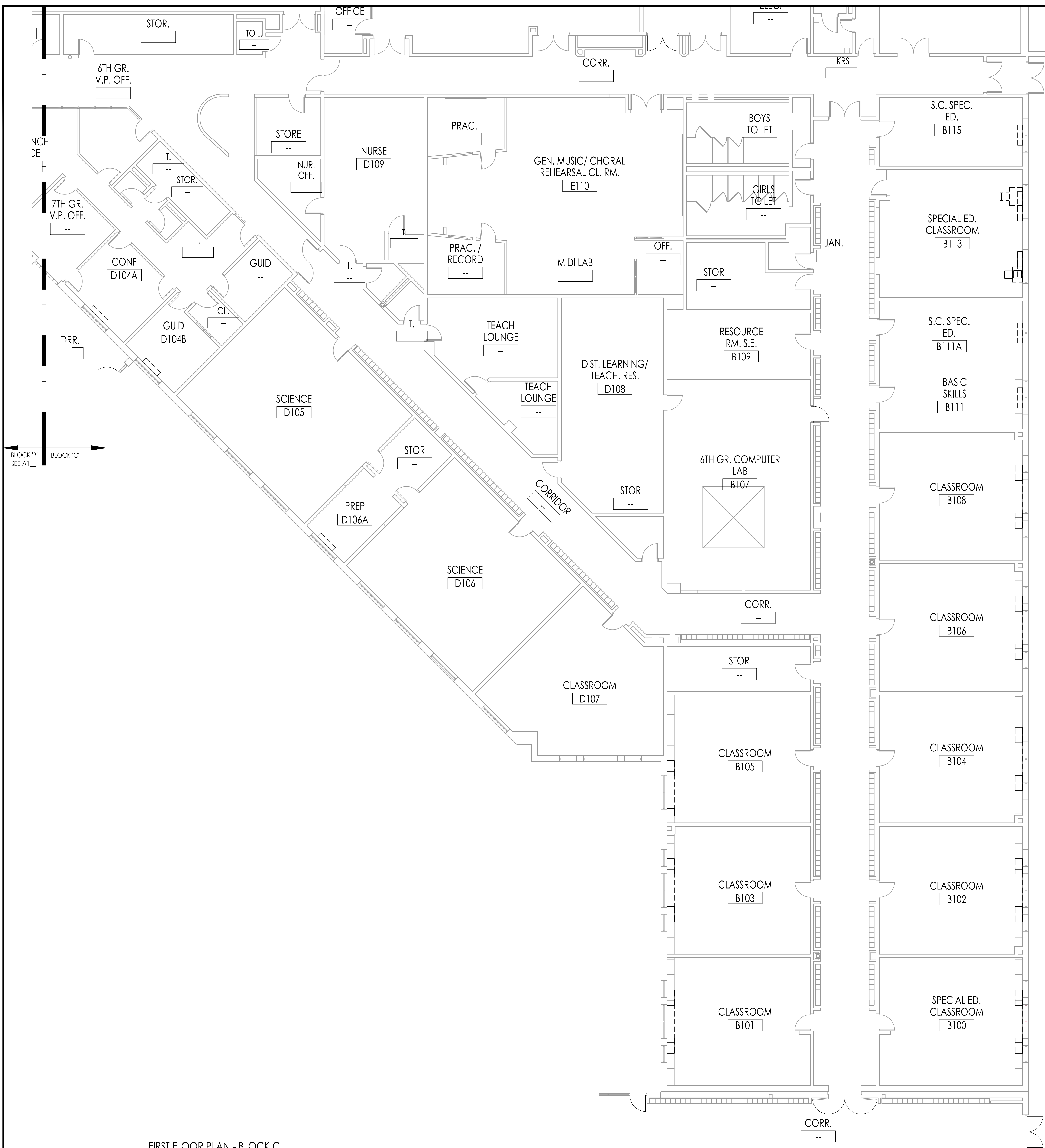
BLOCK C  
BLOCK D2  
BLOCK D2

Revisions:

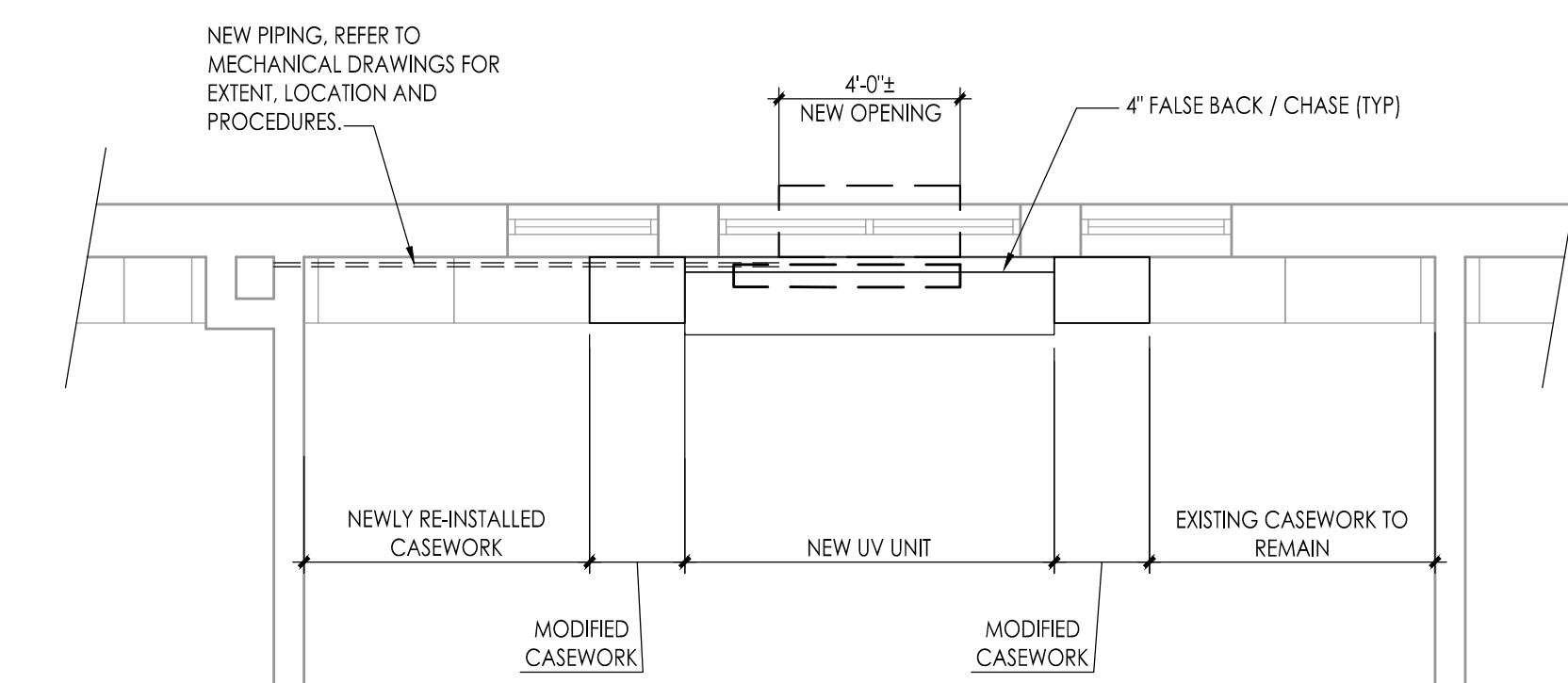
No.	Date	Description

Drawing Number: A110

F.V.H.D.P.C. - C.O.M.

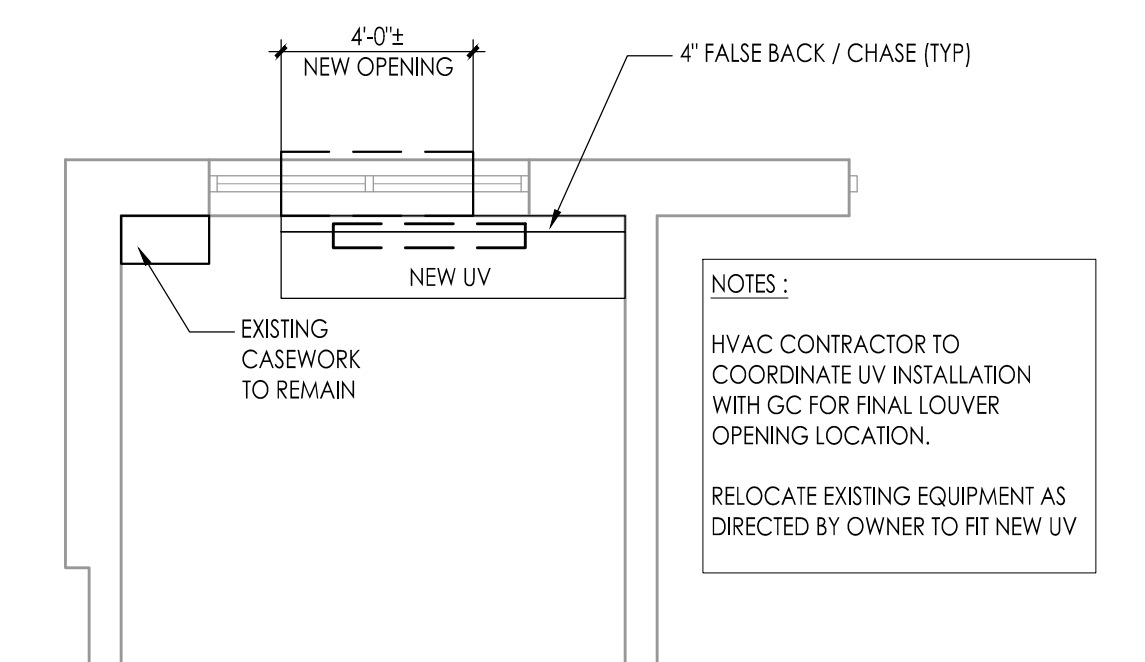


FIRST FLOOR PLAN - BLOCK C  
Scale: 1/8" = 1'-0"



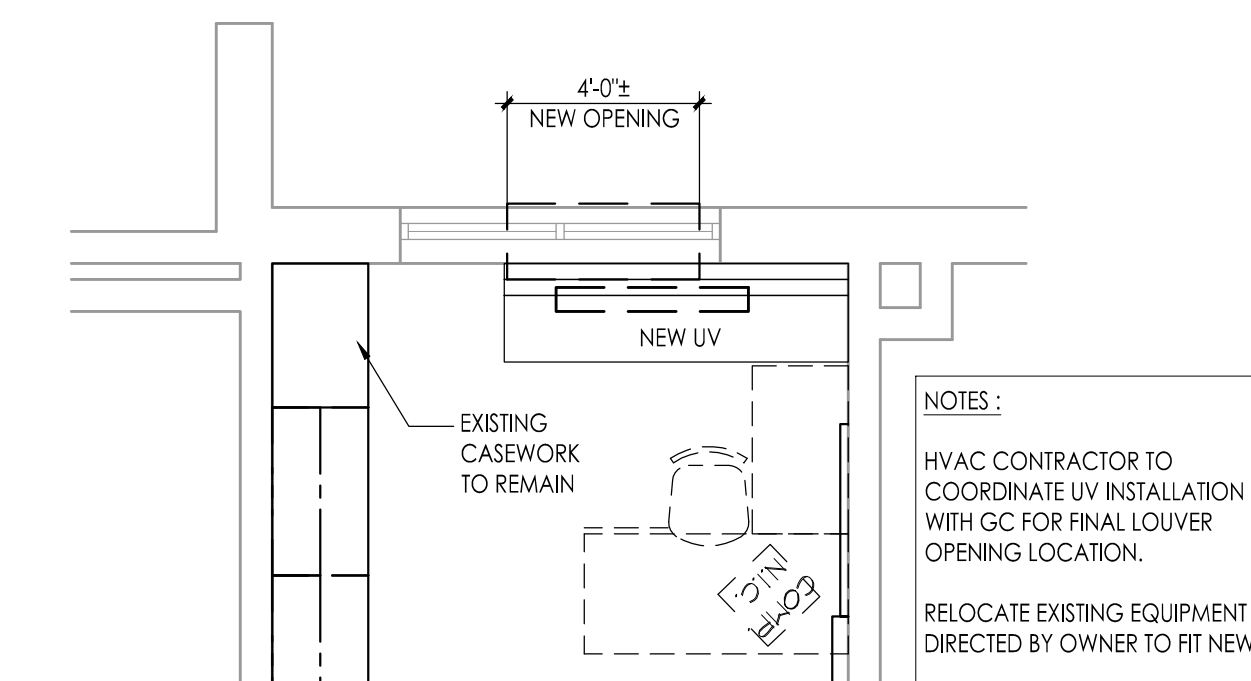
- C100 C101 C102 C103 C104
- C106 C108 C110 C112 SIM
- B100 B101 B102 B103 B104 B105
- B106 B108 B111 SIM B111A SIM
- B113 SIM
- D104A SIM
- D104B SIM

2 UV / CASEWORK - NEW WORK PLAN (TYPICAL)  
SCALE: 1/4" = 1'-0"



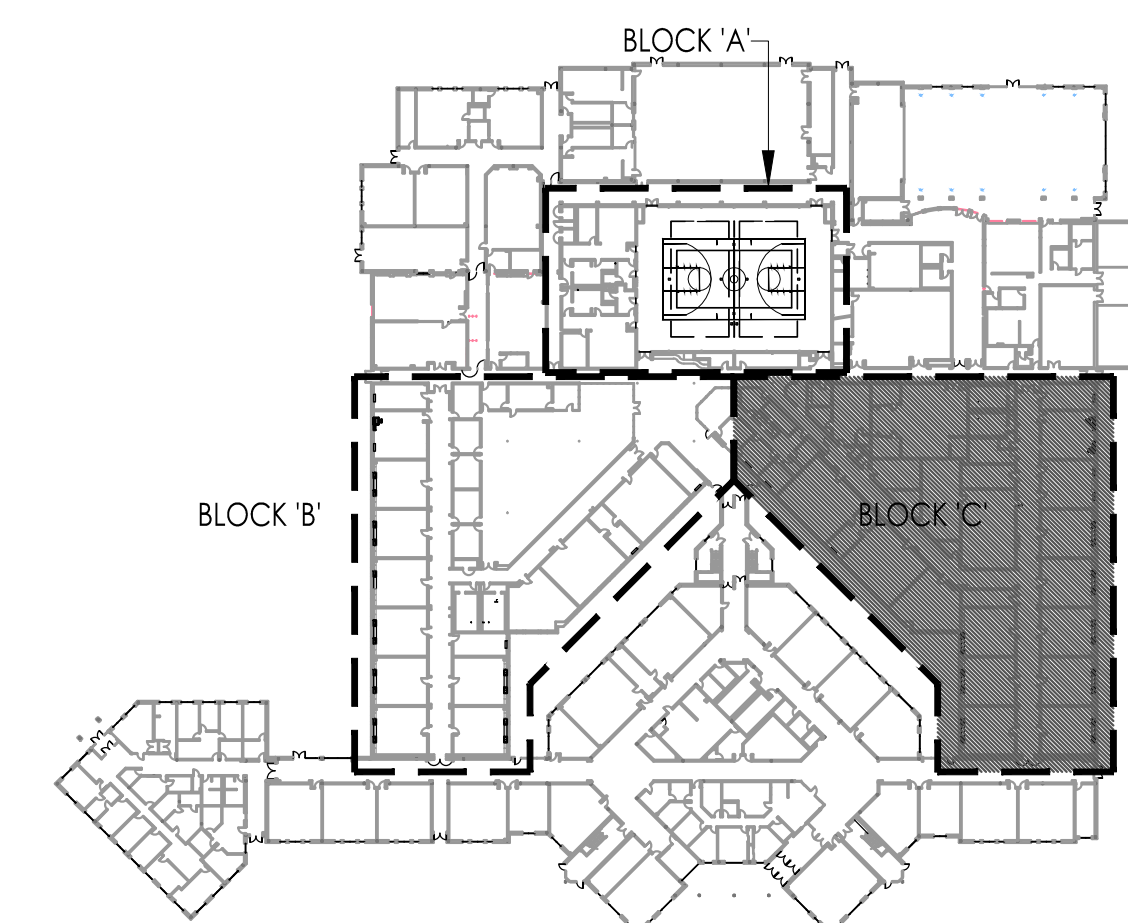
- D103 C114 SIM B115 SIM D101A SIM D106A SIM

3 UV / CASEWORK - NEW WORK PLAN  
SCALE: 1/4" = 1'-0"



- C105

4 UV / CASEWORK - NEW WORK PLAN  
SCALE: 1/4" = 1'-0"



JOHN J. VEIS, AIA, CSA  
NO. 214866001 PA-84201818  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NO. 214866001 PA-84202004  
GEORGE K. DUTHIE JR., AIA, PP  
NO. 214866001 PA-84202000

**FVHD** architects  
planners  
Fraytak Veisz Hopkins Duthie P.C.  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whittaker Ave - Mont Clare - Pennsylvania 17433

Project Name  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**1876 DENNIS FORMAN DR MAYS LANDING, NJ 08330**

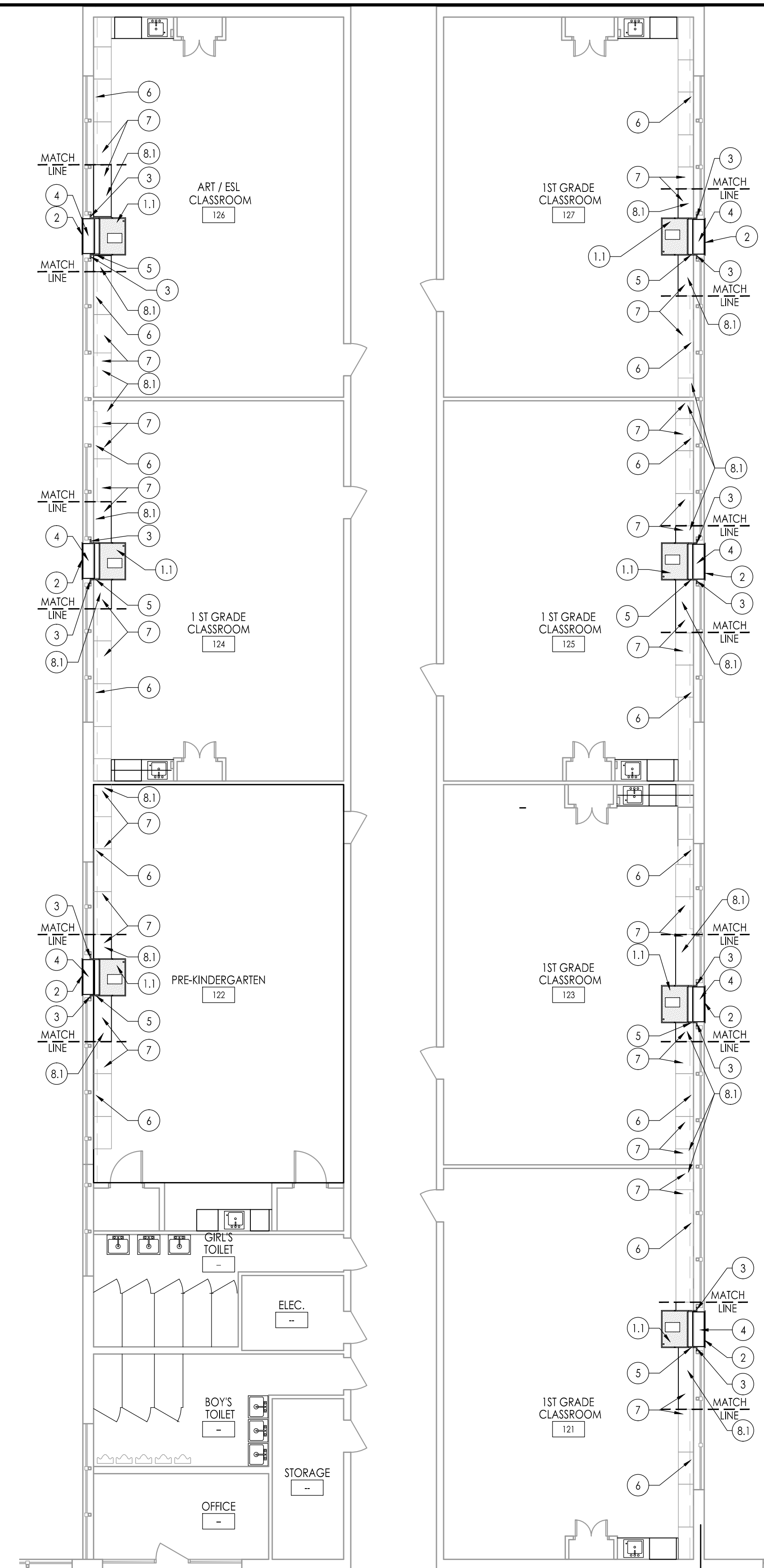
Project Number  
**4937C**  
Project Date  
**02.15.2019**  
Checked By  
**JJV**  
Drawn By  
**AM**  
Scale  
**AS NOTED**

Drawing Name  
**PARTIAL FIRST FLOOR HVAC NEW WORK PLAN**

Block C

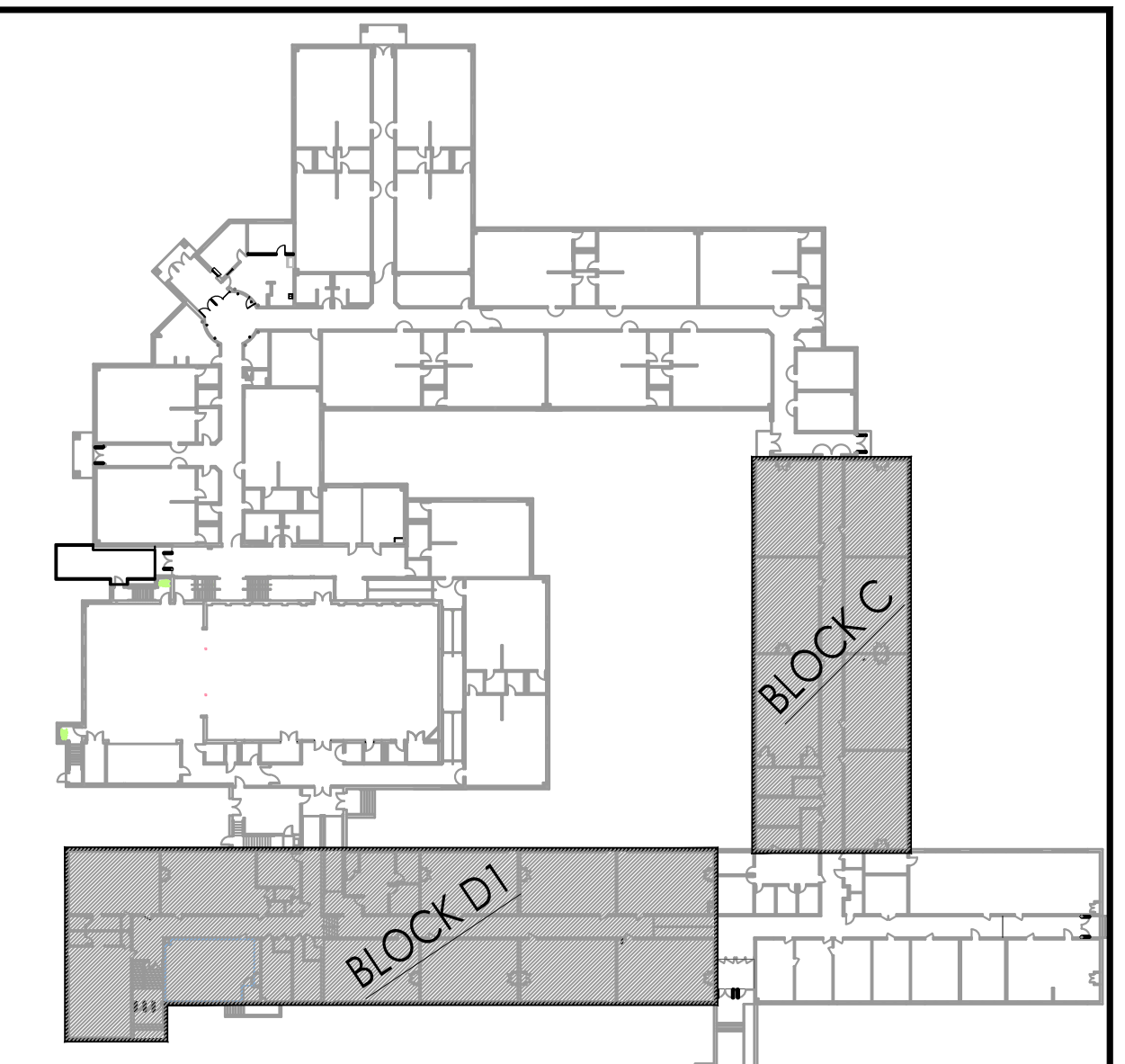
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Drawing Number  
**A110**



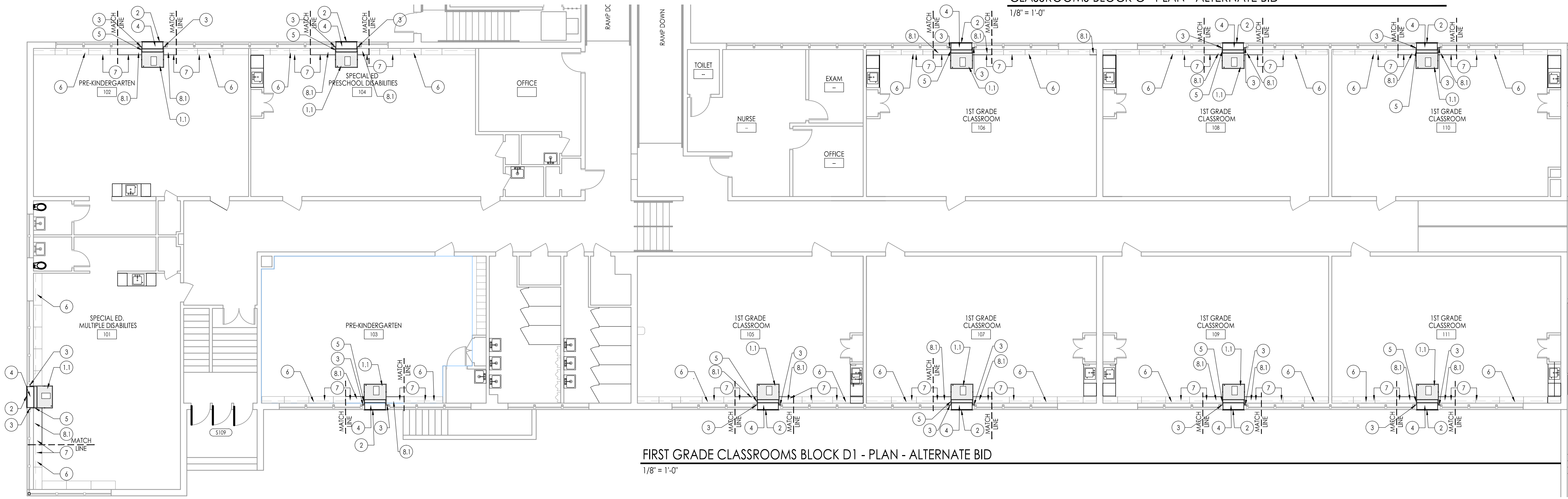
CLASSROOMS BLOCK C - PLAN - ALTERNATE BID

1/8" = 1'-0"



KEY PLAN  
1/64" = 1'-0"

REFER TO SHEET A110 FOR CONSTRUCTION NOTES.



FIRST GRADE CLASSROOMS BLOCK D1 - PLAN - ALTERNATE BID

1/8" = 1'-0"

SPECIAL EDUCATION AND PRE-KINDERGARTEN CLASSROOMS BLOCK D1 - PLAN - ALTERNATE BID

1/8" = 1'-0"

JOHN J. VEISZ, AIA, CSBA  
 NU-214866000 / PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NU-214866000 / PA-84202004  
 GEORGE R. DUTHIE, JR., AIA, PP  
 NU-214866000

**FVHD** architects  
 planners  
 Fraytak Veisz Hopkins Duthie P.C.  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whittaker Ave - Mont Clare - Pennsylvania 17433

Date: \_\_\_\_\_  
 Approved: \_\_\_\_\_  
 F.V.H.D.P.C. - C.O.M.

Project Name  
**ALTERATIONS AND  
 RENOVATIONS TO  
 JOSEPH C. SHANER  
 MEMORIAL  
 ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON  
 TOWNSHIP BOARD  
 OF EDUCATION**

Project Location  
**5801 3rd ST  
 MAYS LANDING,  
 NJ 08330**

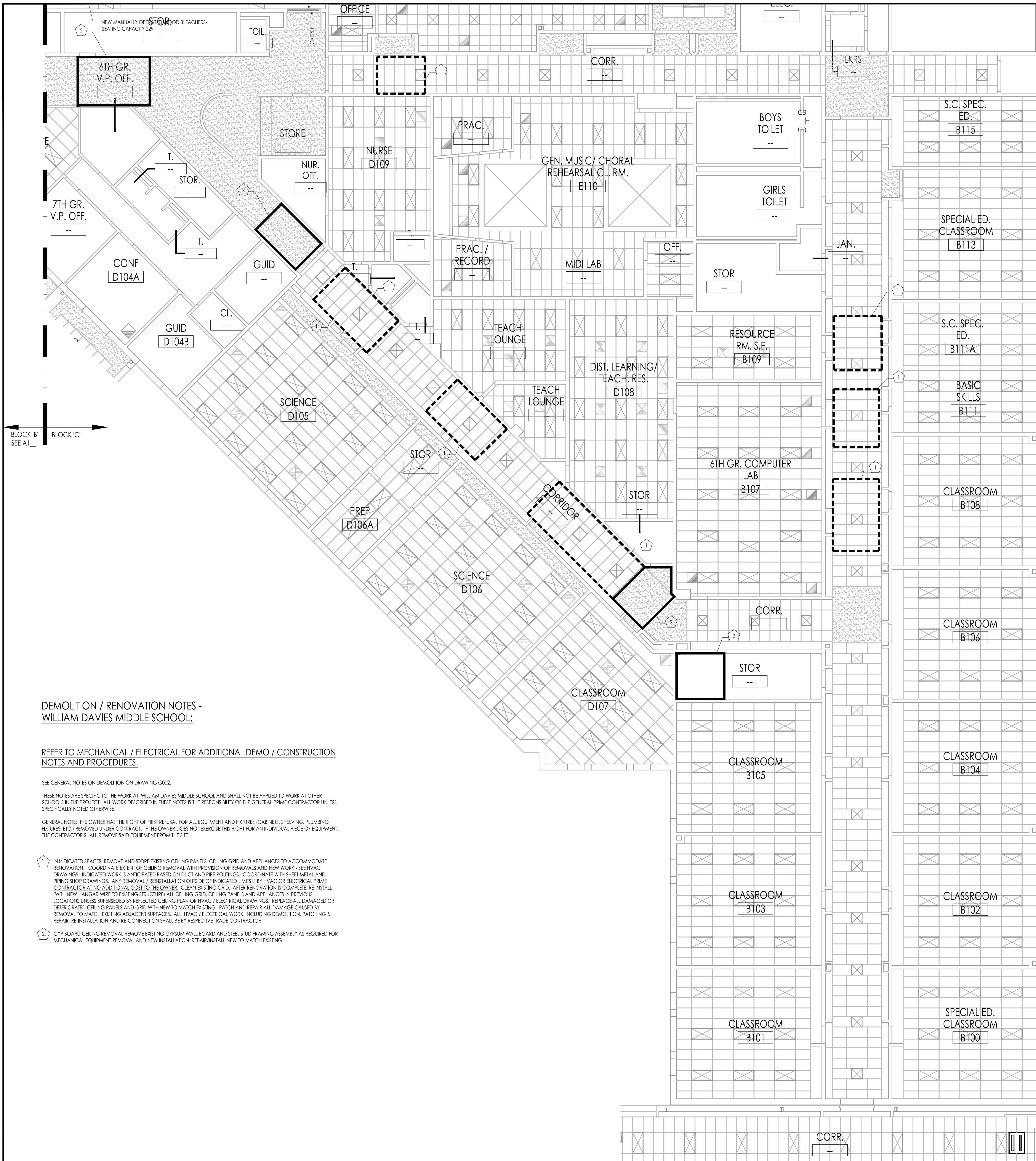
Project Number  
**4937B**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**HJ**  
 Scale  
**AS NOTED**

Drawing Name  
**FLOOR PLAN  
 LAYOUT & NOTES  
 ALTERNATE BID**  
  
**BLOCK C  
 BLOCK D1**

No.	Date	Description

Drawing Number  
**A110a**





**DEMOLITION / RENOVATION NOTES - WILLIAM DAVIES MIDDLE SCHOOL:**

REFER TO MECHANICAL / ELECTRICAL FOR ADDITIONAL DEMO / CONSTRUCTION NOTES AND PROCEDURES.

SEE GENERAL NOTES ON DEMOLITION ON DRAWING G002.

THESE NOTES ARE SPECIFIC TO THE WORK AT WILLIAM DAVIES MIDDLE SCHOOL AND SHALL NOT BE APPLIED TO WORK AT OTHER SCHOOLS IN THE PROJECT. ALL WORK DESCRIBED IN THESE NOTES IS THE RESPONSIBILITY OF THE GENERAL PRIME CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE.

GENERAL NOTE: THE OWNER HAS THE RIGHT OF FIRST REFUSAL FOR ALL EQUIPMENT AND FIXTURES (CABINETS, SHELVING, PLUMBING FIXTURES, ETC.) REMOVED UNDER CONTRACT. IF THE OWNER DOES NOT EXERCISE THIS RIGHT FOR AN INDIVIDUAL PIECE OF EQUIPMENT, THE CONTRACTOR SHALL REMOVE SAID EQUIPMENT FROM THE SITE.

1. IN INDICATED SPACES, REMOVE AND STORE EXISTING CEILING PANELS, CEILING GRID AND APPLIANCES TO ACCOMMODATE RENOVATION. COORDINATE EXTENT OF CEILING REMOVAL WITH PROVISION OF REMOVALS AND NEW WORK - SEE HVAC DRAWINGS. INDICATED WORK IS ANTICIPATED BASED ON DUCT AND PIPE ROUTINGS. COORDINATE WITH SHEET METAL AND PIPING SHOP DRAWINGS. ANY REMOVAL / REINSTALLATION OUTSIDE OF INDICATED LIMITS IS BY HVAC OR ELECTRICAL PRIME CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CLEAN EXISTING GRID. AFTER RENOVATION IS COMPLETE, REINSTALL (WITH NEW HANGAR WIRE TO EXISTING STRUCTURE) ALL CEILING GRID, CEILING PANELS AND APPLIANCES IN PREVIOUS LOCATIONS UNLESS SUPERSEDED BY REFLECTED CEILING PLAN OR HVAC / ELECTRICAL DRAWINGS. REPLACE ALL DAMAGED OR DEGRADED CEILING PANELS AND GRID WITH NEW TO MATCH EXISTING. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT SURFACES. ALL HVAC / ELECTRICAL WORK, INCLUDING DEMOLITION, PATCHING & REPAIR, RE-INSTALLATION AND RE-CONNECTION SHALL BE BY RESPECTIVE TRADE CONTRACTOR.

2. GYP BOARD CEILING REMOVAL REMOVE EXISTING GYPSUM WALL BOARD AND STEEL STUD FRAMING ASSEMBLY AS REQUIRED FOR MECHANICAL EQUIPMENT REMOVAL AND NEW INSTALLATION. REPAIR/INSTALL NEW TO MATCH EXISTING.

**REFLECTED CEILING PLAN WORK LEGEND**

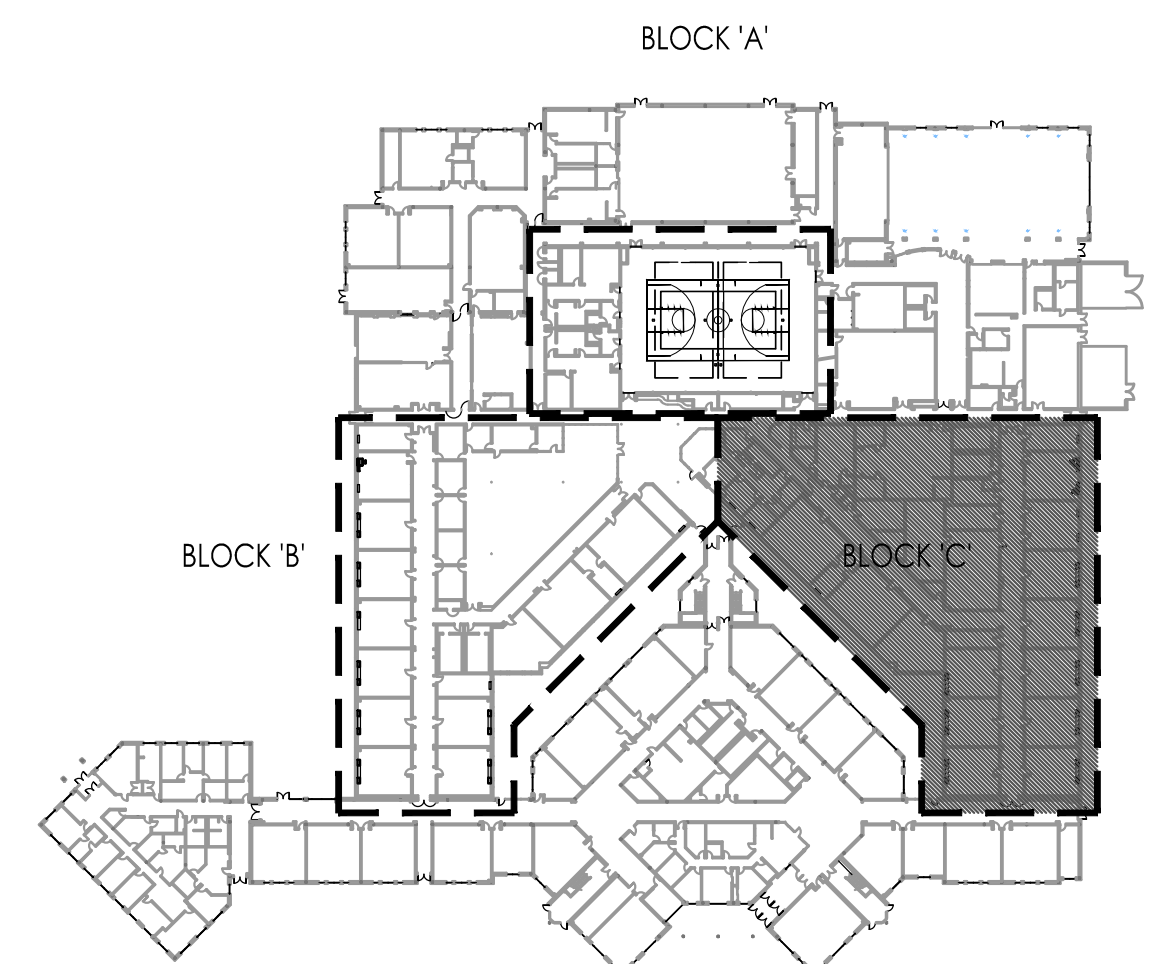
- REMOVE / REPLACE
- REMOVE / REINSTALL

**DEMOLITION / RENOVATION NOTES - SEE A1xx**

FOR GENERAL DEMOLITION NOTES SEE DRAWING G002.

**REFLECTED CEILING PLAN LEGEND**

- EXISTING ACS #1 - 2' X 2' ACOUSTICAL CEILING SOUND BOARD - SEE FINISH SCHEDULE FOR LOCATION & TYPE
- EXISTING ACS #2 - 2' X 4' ACRYLIC ACOUSTICAL CEILING BOARD - SEE FINISH SCHEDULE FOR LOCATION
- EXISTING GYPSUM BOARD SOFFIT
- EFS
- EXHAUST FAN (SEE MECHANICAL DRAWINGS)
- RETURN DIFFUSER (SEE MECHANICAL DRAWINGS)
- SUPPLY DIFFUSER (SEE MECHANICAL DRAWINGS)
- LINEAR DIFFUSER (SEE MECHANICAL DRAWINGS)
- LIGHTS (SEE ELECTRICAL DRAWINGS)
- EXISTING CAMERA TO REMAIN
- EXISTING DETECTOR TO REMAIN
- EXISTING MOTION SENSOR TO REMAIN
- EXISTING SPEAKER TO REMAIN
- EXISTING STROBE LIGHT TO REMAIN
- EXISTING CEILING MOUNTED WIRE HUB TO REMAIN
- EXISTING CEILING MOUNTED EXIT SIGN TO REMAIN
- SPRINKLER HEAD (SEE FIRE PROTECTION DRAWINGS)



**FIRST FLOOR PLAN - BLOCK C**  
Scale: 1/8" = 1'-0"

JOHN J. VEISZ, AIA, CSBA  
NU-PA00000101 PA-84201818  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NU-PA00000101 PA-84202004  
GEORGE R. DUTHIE, JR., AIA, PP  
NU-PA00000101 PA-84202000

**FVHD** architects  
planners  
Fraytak Veisz Hopkins Duthie PC  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17433

Project Name  
**ALTERATIONS AND RENOVATIONS TO WILLIAM DAVIES MIDDLE SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**1876 DENNIS FORMAN DR  
MAYS LANDING,  
NJ 08330**

Project Number  
**4937C**  
Project Date  
**02.15.2019**  
Checked By  
**JJV**  
Drawn By  
**KM**  
Scale  
**AS NOTED**

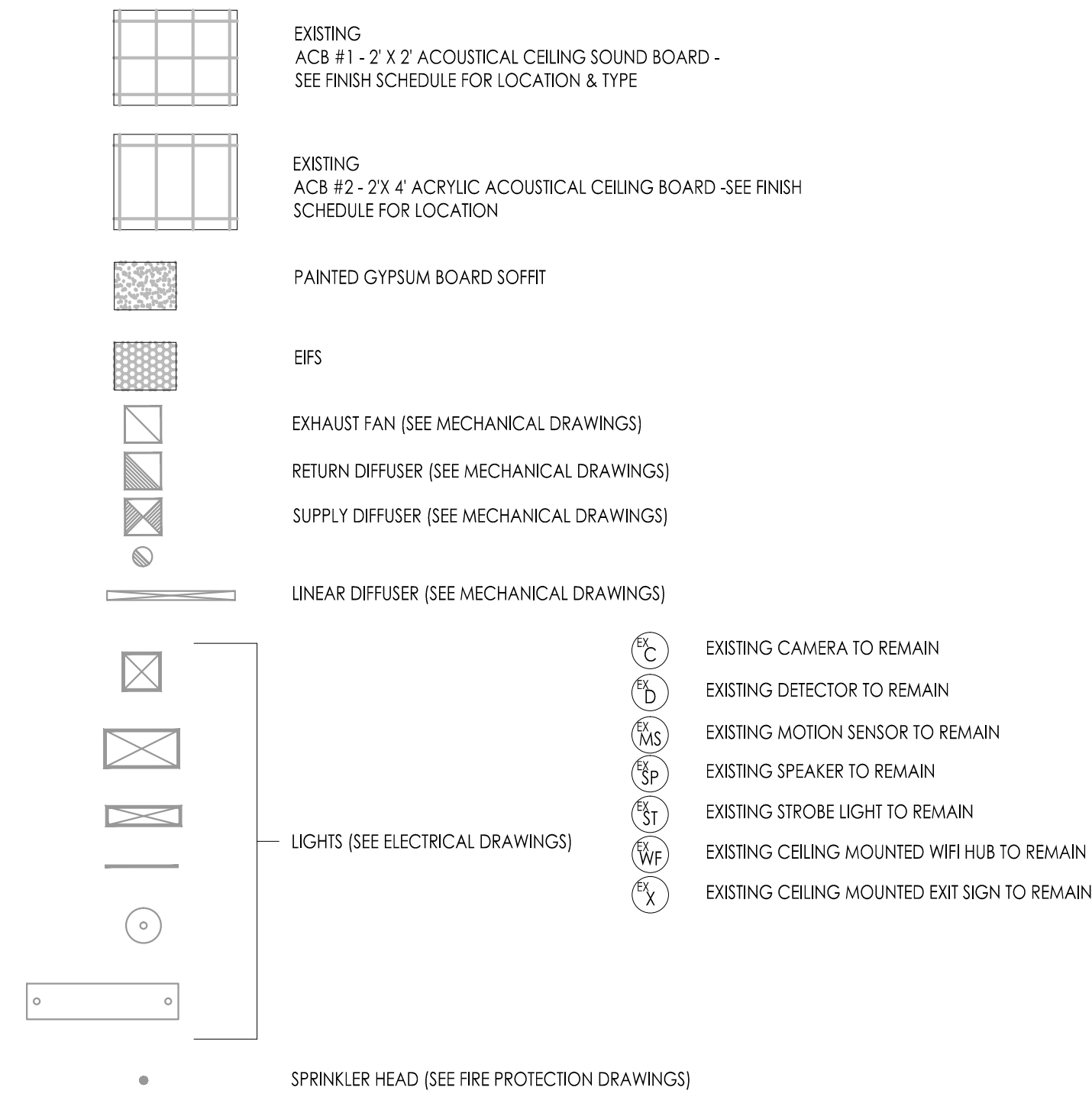
Drawing Name  
**PARTIAL FIRST FLOOR REFLECTED CEILING PLAN**

**BLOCK C**

No.	Date	Description

Drawing Number  
**A111**

**REFLECTED CEILING PLAN LEGEND**



**NOTES:**

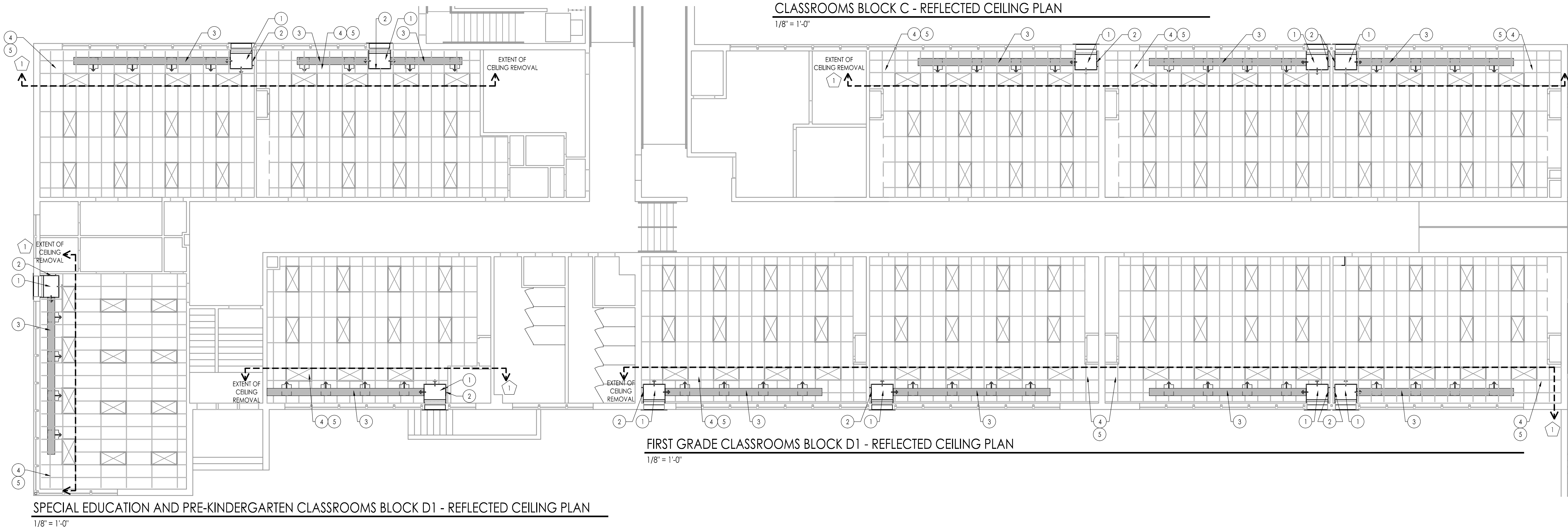
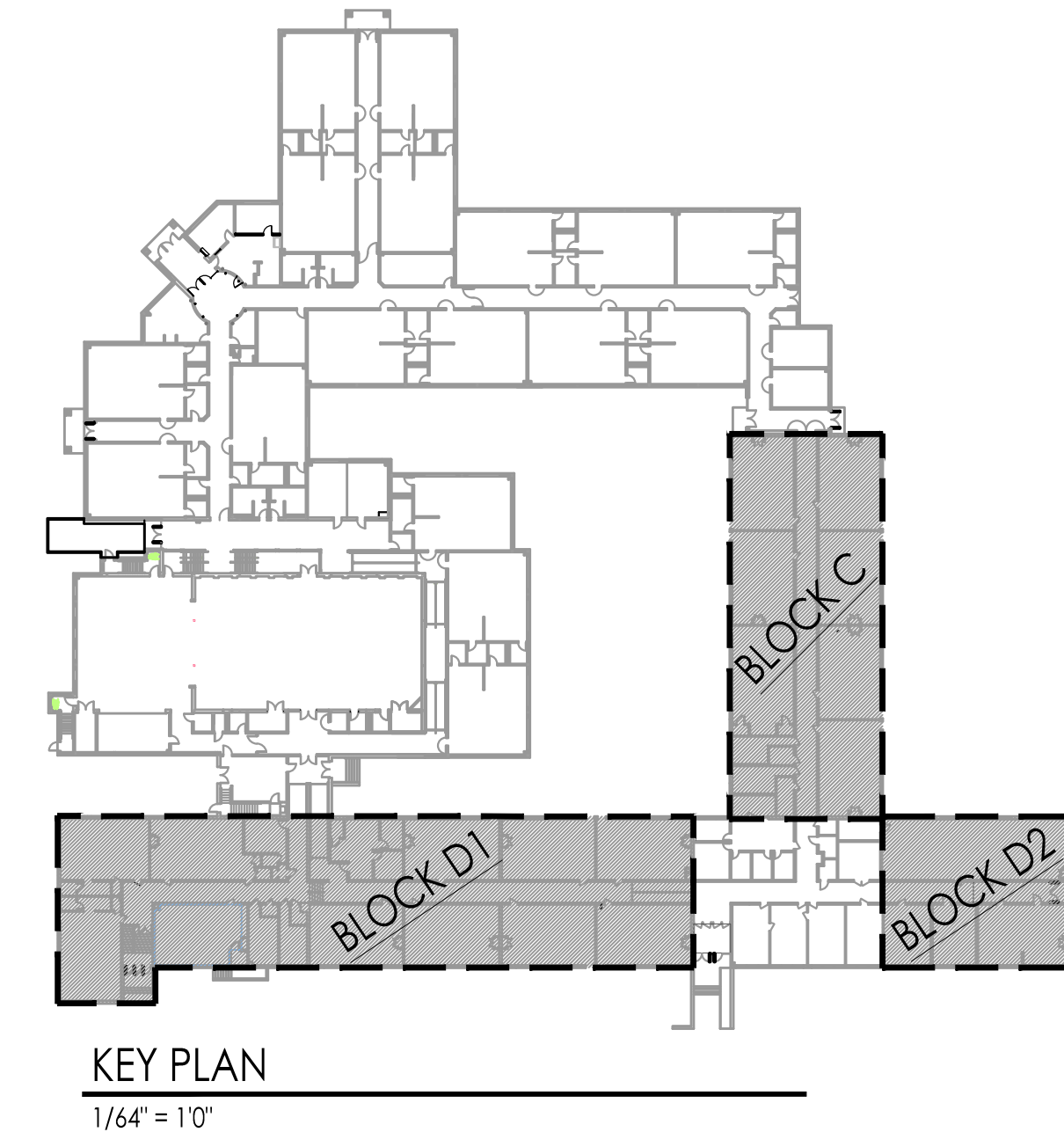
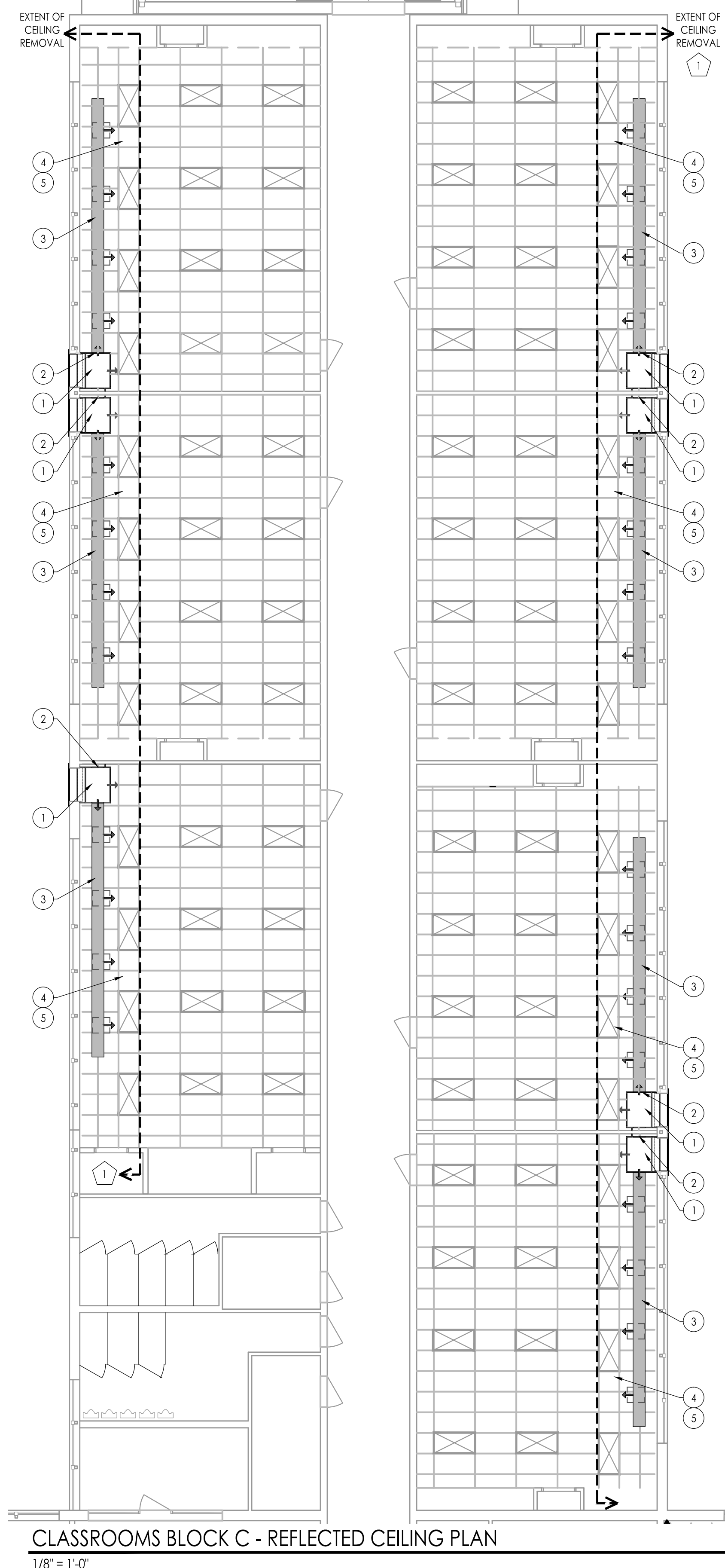
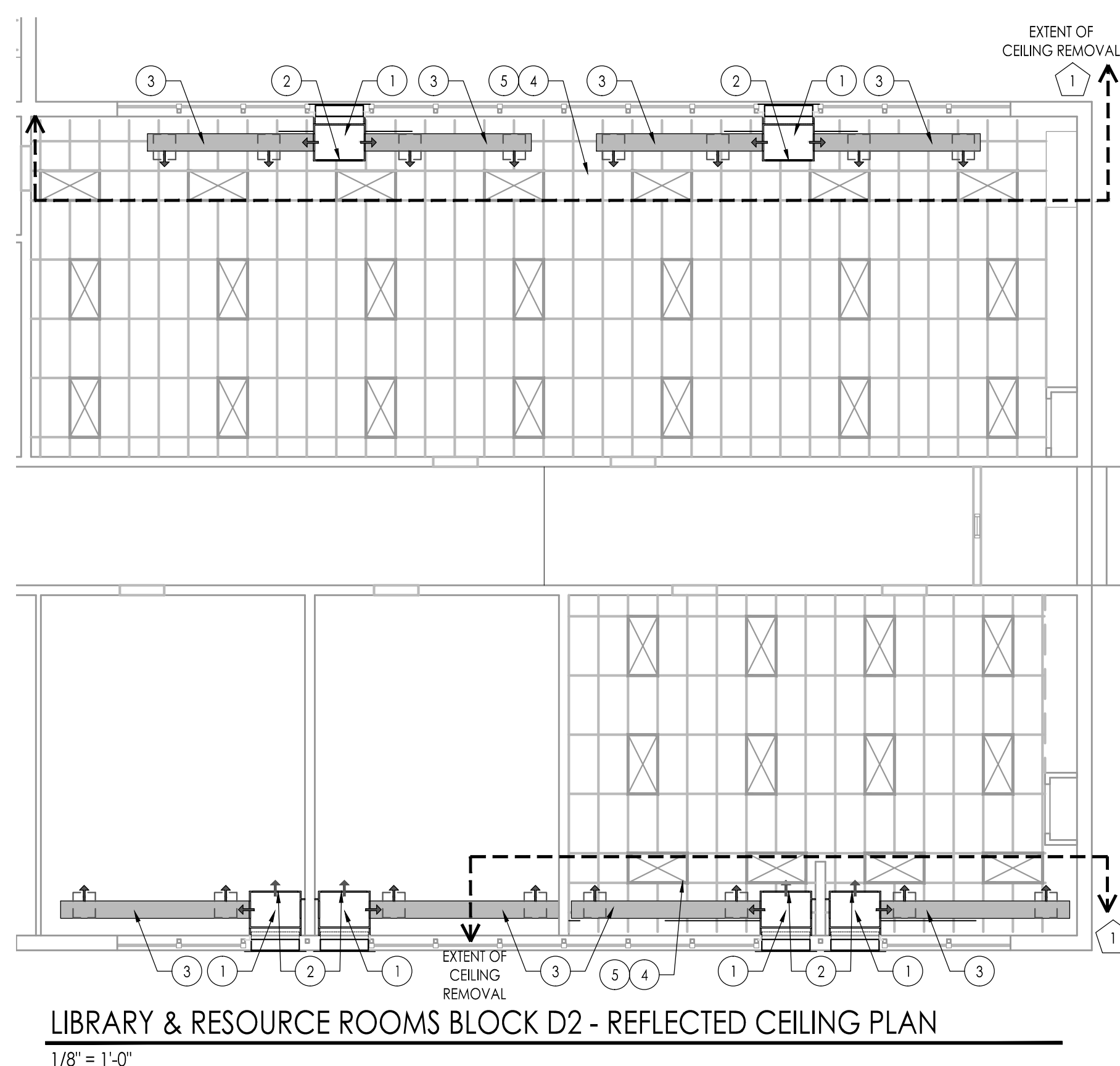
- SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR TYPE, SIZE AND ADDITIONAL INFORMATION.
- ALL SPRINKLER HEADS, DIFFUSERS AND LIGHTS TO BE CENTERED IN THE ACB CEILING UNLESS NOTED OTHERWISE.
- GENERAL MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS TO COORDINATE LOCATION OF ALL APERTURES AND LIGHTS.
- ALL CEILING HEIGHTS TO BE V.I.F.

**REFLECTED CEILING PLAN NEW WORK NOTES - JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL:**

- NEW UNIT VENTILATOR PLENUM - SEE HVAC DWGS.
- BLANK-OFF PANEL AS REQ'D. SEE HVAC DWGS.
- NEW EXPOSED DUCT WORK - SEE HVAC DRAWINGS. PAINT BY HVAC PRIME. COLOR BY ARCHITECT.
- MODIFY EXISTING GRID TO ACCOMMODATE NEW ORIENTATION OF EXISTING 24" LAY IN LIGHTS.
- MODIFY EXISTING GRID TO ACCOMMODATE NEW AIREDALE.

**REFLECTED CEILING PLAN DEMOLITION NOTES**

IN INDICATED SPACES, REMOVE AND STORE EXISTING CEILING PANELS, CEILING GRID AND APPLIANCES TO ACCOMMODATE RENOVATION. COORDINATE EXTENT OF CEILING REMOVAL WITH PROVISION OF NEW WORK - SEE HVAC DRAWINGS. INDICATED WORK IS ANTICIPATED BASED ON DUCT AND PIPE ROUTINGS. COORDINATE WITH SHEET METAL AND PIPING SHOP DRAWINGS. ANY REMOVAL / REINSTALLATION OUTSIDE OF INDICATED LIMITS IS BY HVAC OR ELECTRICAL PRIME CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CLEAN EXISTING GRID. AFTER RENOVATION IS COMPLETE, REINSTALL (WITH NEW HANGAR WIRE TO EXISTING STRUCTURE) ALL CEILING GRID, CEILING PANELS AND APPLIANCES IN PREVIOUS LOCATIONS UNLESS SUPERCEDED BY REFLECTED CEILING PLAN OR HVAC / ELECTRICAL DRAWINGS. REPLACE ALL DAMAGED OR DETERIORATED CEILING PANELS AND GRID WITH NEW TO MATCH EXISTING. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT SURFACES. ALL HVAC / ELECTRICAL WORK INCLUDING DEMOLITION, PATCHING & REPAIR, REINSTALLATION AND RECONNECTION SHALL BE BY RESPECTIVE TRADE CONTRACTOR.



JOHN J. VEISZ, AIA, CSBA  
 PR-214866000 / PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NU-214866000 / PA-84202204  
 GEORGE R. DUTHIE JR., AIA, PP  
 NU-214866000 / PA-84202205

**FVHD** architects  
 planners  
 Fraytak Veisz Hopkins Duthie PC  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whitaker Ave - Mont Clare - Pennsylvania 17435

Project Name  
**ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**5801 3rd ST MAYS LANDING, NJ 08330**

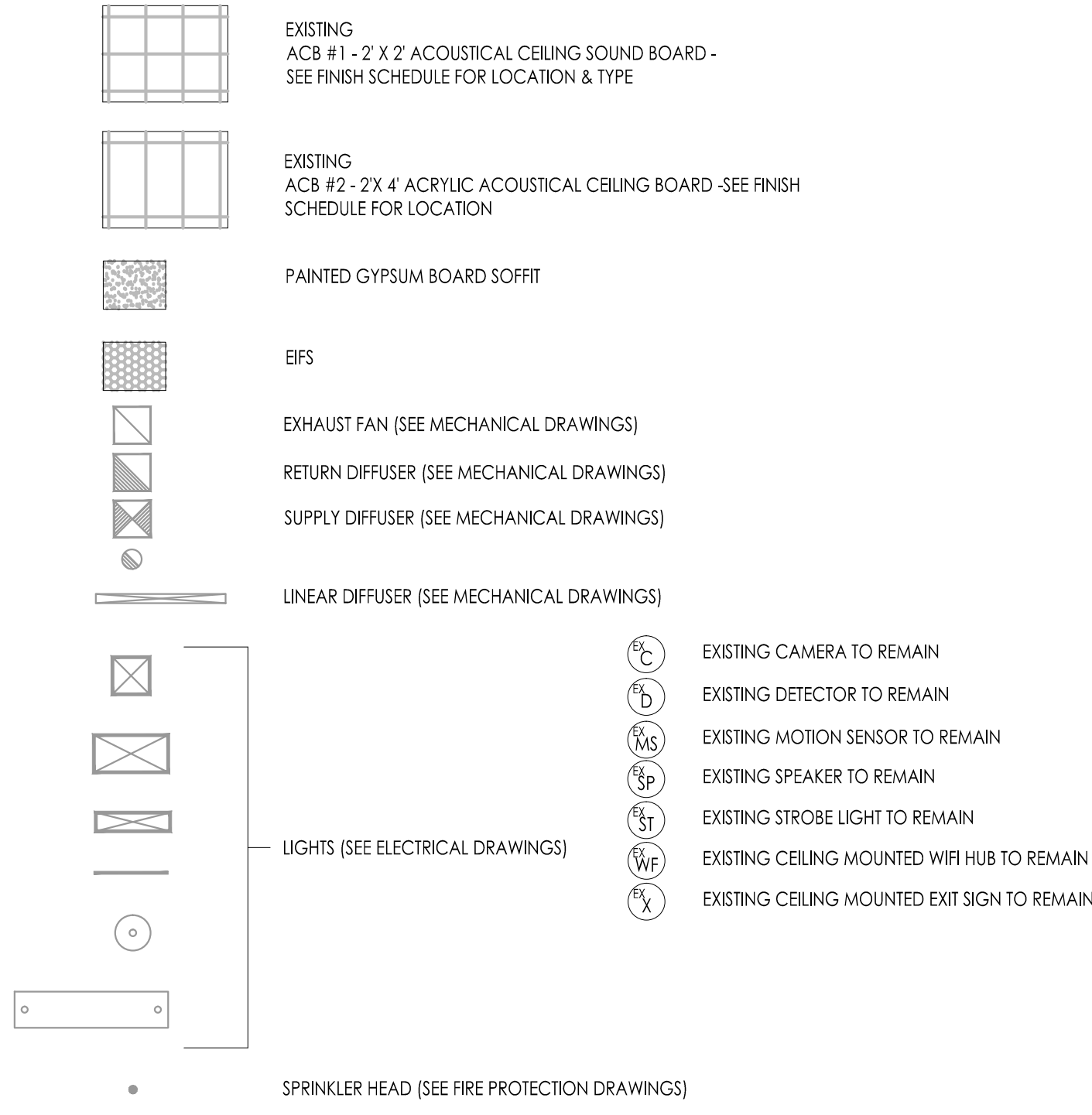
Project Number  
**4937B**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**HJ**  
 Scale  
**AS NOTED**

Drawing Name  
**REFLECTED CEILING PLAN BASE BID**  
**BLOCK C**  
**BLOCK D1**  
**BLOCK D2**

No.	Date	Description

Drawing Number  
**A111**

**REFLECTED CEILING PLAN LEGEND**



**NOTES:**

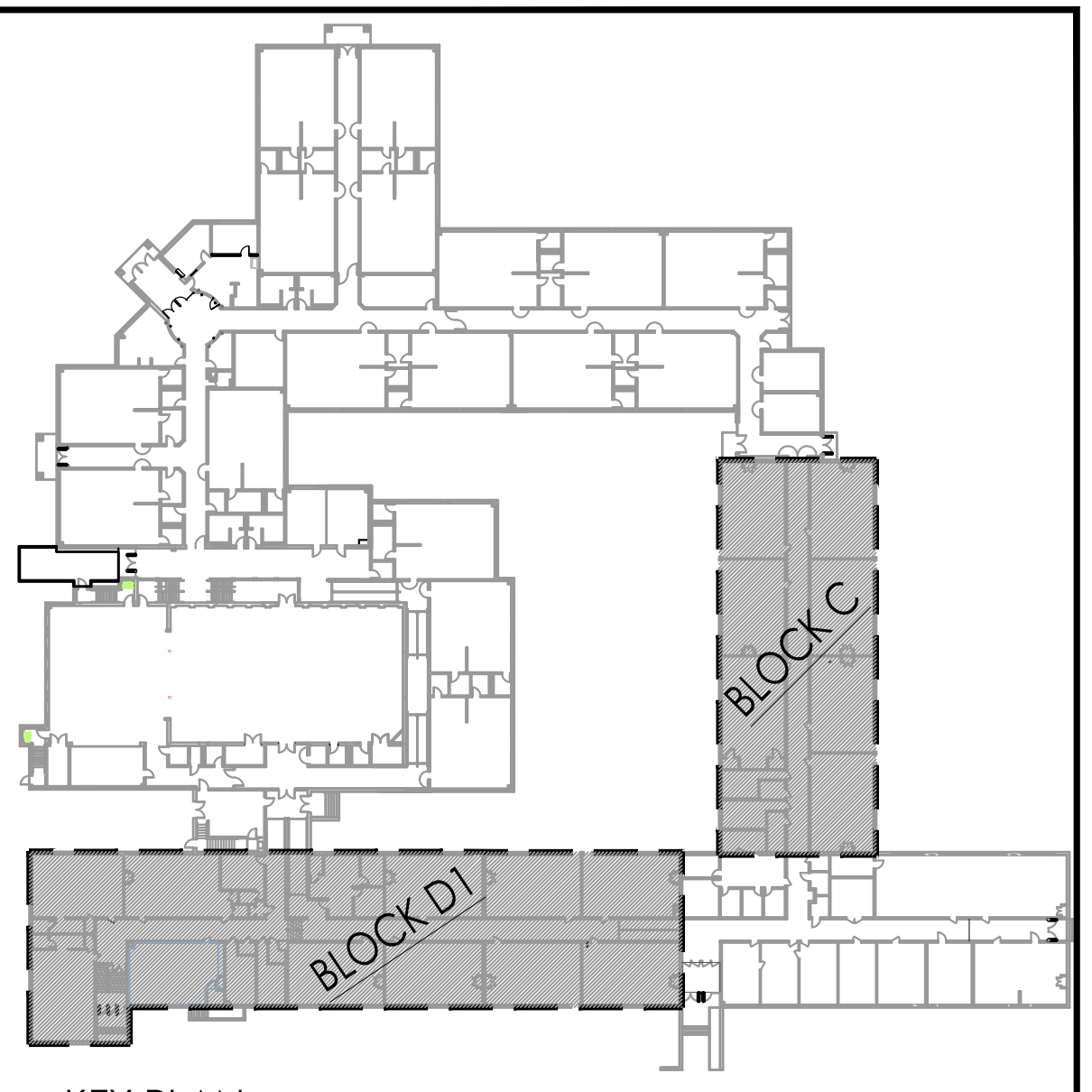
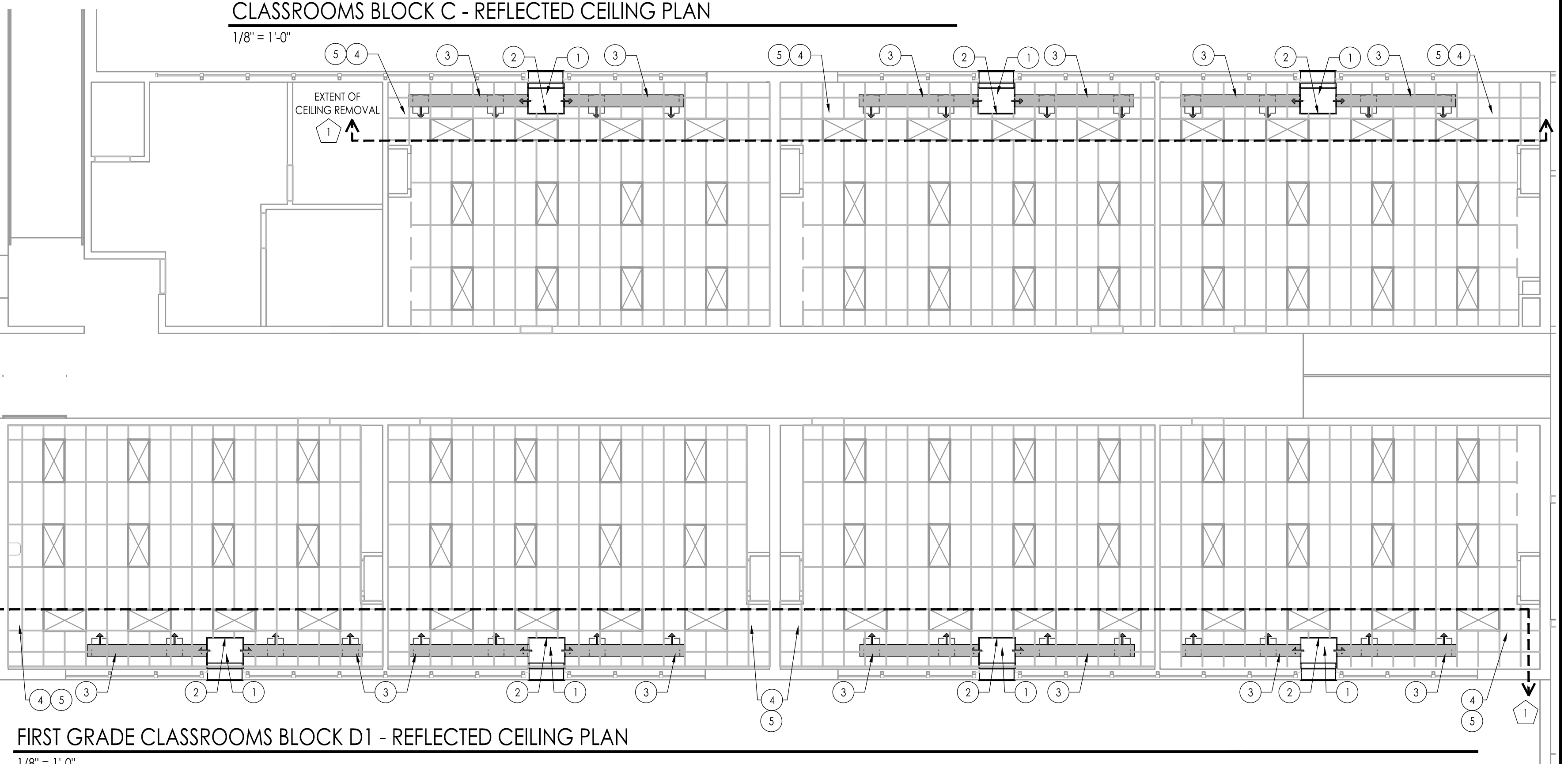
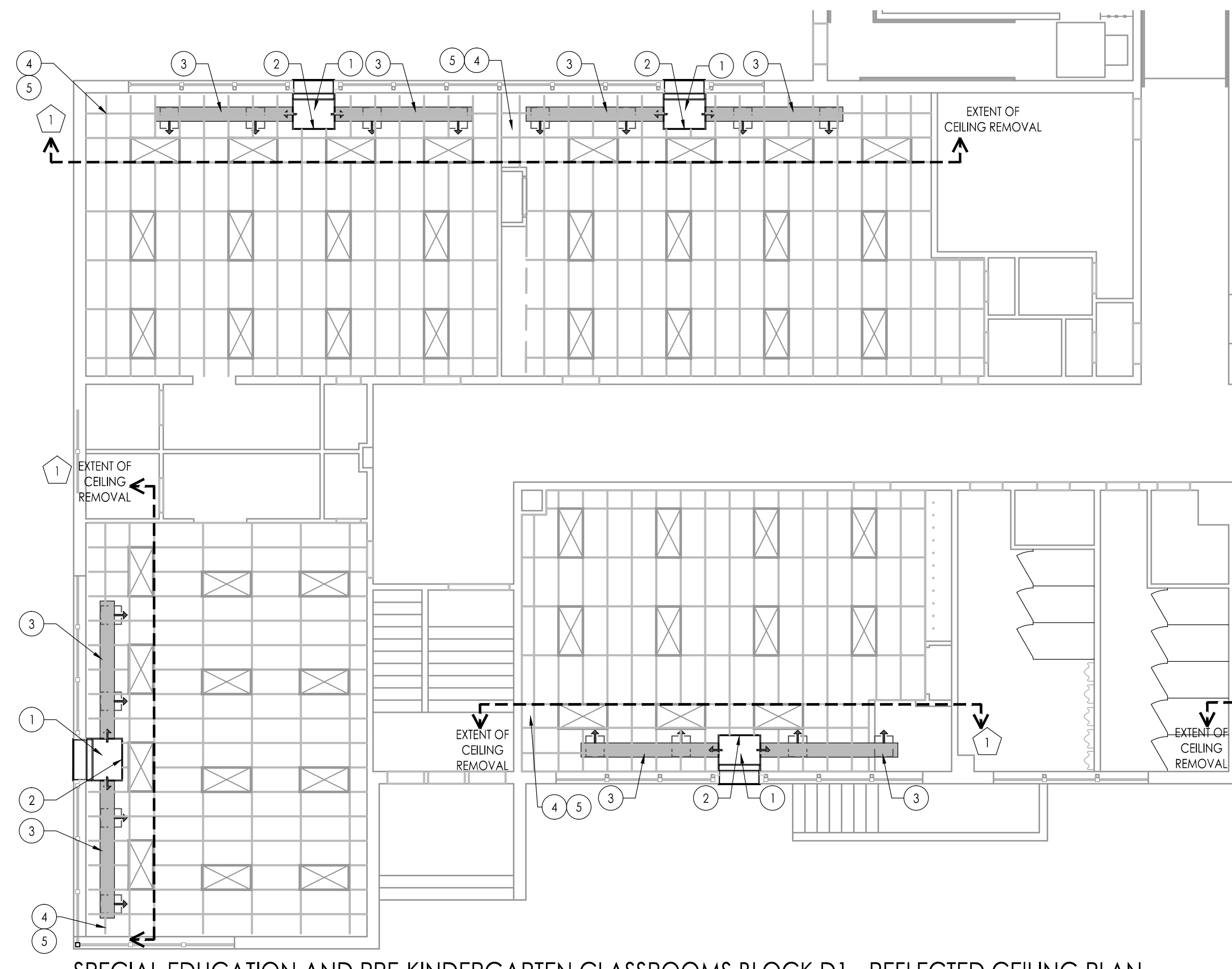
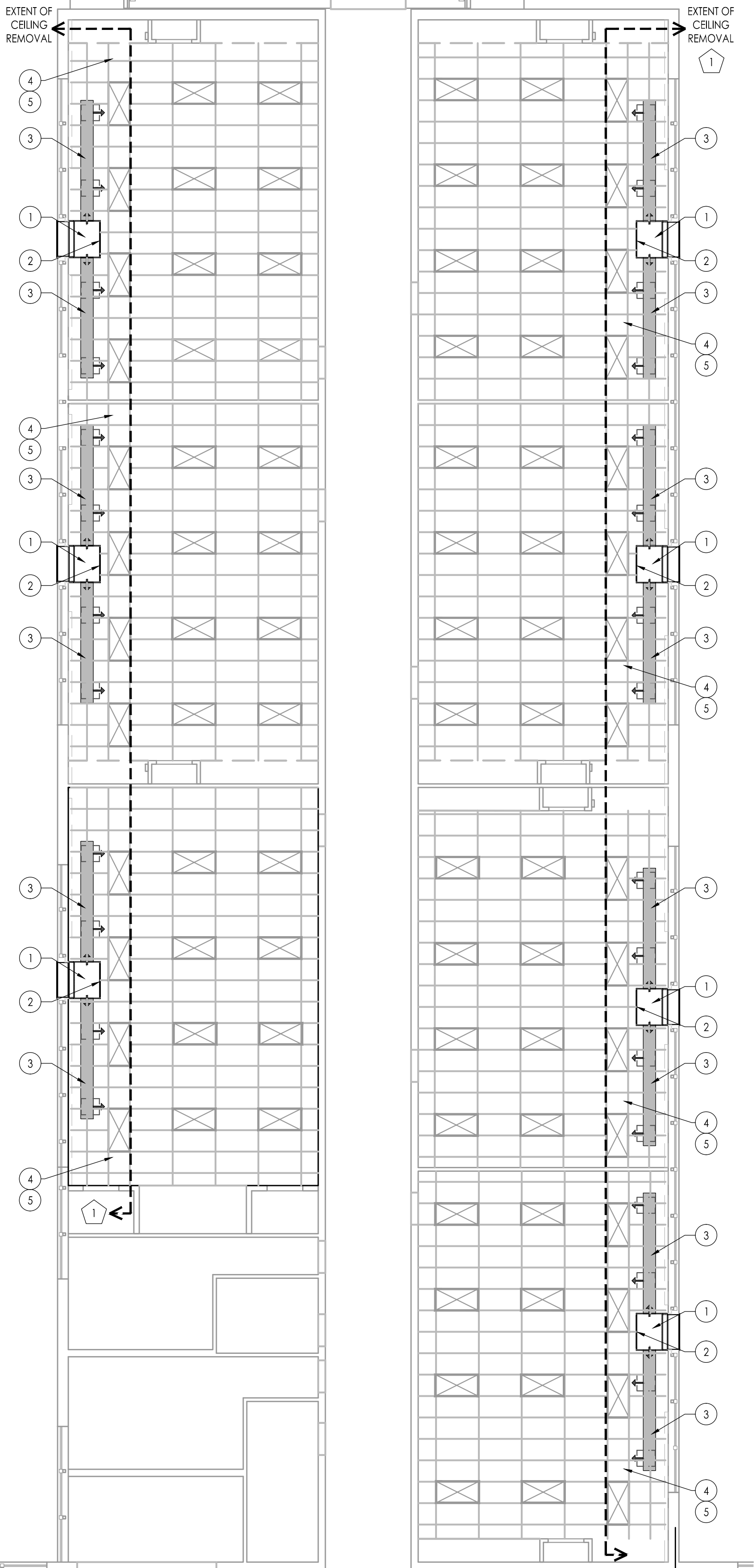
- SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR TYPE, SIZE AND ADDITIONAL INFORMATION.
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- GENERAL MECHANICAL, PLUMBING AND ELECTRICAL CONTRACTORS TO COORDINATE LOCATION OF ALL APERTURES AND LIGHTS.
- ALL CEILING HEIGHTS TO BE V.I.F.

**REFLECTED CEILING PLAN NEW WORK NOTES - JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL:**

- NEW UNIT VENTILATOR PLENUM - SEE HVAC DWGS.
- BLANK-OFF PANEL AS REQ'D - SEE HVAC DWGS.
- NEW EXPOSED DUCT WORK - SEE HVAC DRAWINGS. PAINT BY HVAC PRIME. COLOR BY ARCHITECT.
- MODIFY EXISTING GRID TO ACCOMMODATE NEW ORIENTATION OF EXISTING 2x4 LAY IN LIGHTS.
- MODIFY EXISTING GRID TO ACCOMMODATE NEW AIRDALE.

**REFLECTED CEILING PLAN DEMOLITION NOTES**

IN INDICATED SPACES, REMOVE AND STORE EXISTING CEILING PANELS, CEILING GRID AND APPLIANCES TO ACCOMMODATE RENOVATION. COORDINATE EXTENT OF CEILING REMOVAL WITH PROVISION OF NEW WORK - SEE HVAC DRAWINGS. INDICATED WORK IS ANTICIPATED BASED ON DUCT AND PIPE ROUTINGS. COORDINATE WITH SHEET METAL AND PIPING SHOP DRAWINGS. ANY REMOVAL / REINSTALLATION OUTSIDE OF INDICATED LIMITS IS BY HVAC OR ELECTRICAL PRIME CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER. CLEAN EXISTING GRID. AFTER RENOVATION IS COMPLETE, REINSTALL (WITH NEW HANGAR WIRE TO EXISTING STRUCTURE) ALL CEILING GRID, CEILING PANELS AND APPLIANCES IN PREVIOUS LOCATIONS UNLESS SUPERCEDED BY REFLECTED CEILING PLAN OR HVAC / ELECTRICAL DRAWINGS. REPLACE ALL DAMAGED OR DETERIORATED CEILING PANELS AND GRID WITH NEW TO MATCH EXISTING. PATCH AND REPAIR ALL DAMAGE CAUSED BY REMOVAL TO MATCH EXISTING ADJACENT SURFACES. ALL HVAC / ELECTRICAL WORK INCLUDING DEMOLITION, PATCHING & REPAIR, REINSTALLATION AND RECONNECTION SHALL BE BY RESPECTIVE TRADE CONTRACTOR.



JOHN J. VEISZ, AIA, CSRA  
 NJ-214866000 / PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NJ-214866000 / PA-84202504  
 GEORGE R. DUTHIE, JR., AIA, PP  
 NJ-214866000 / PA-84202700

FVH D  
 architects  
 planners  
 Fraytak Veisz Hopkins Duthie P C  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whittaker Ave - Mont Clare - Pennsylvania 17043

F V H D P C - C O M  
 Date: \_\_\_\_\_  
 Approved: \_\_\_\_\_  
 Date: \_\_\_\_\_

Project Name  
**ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

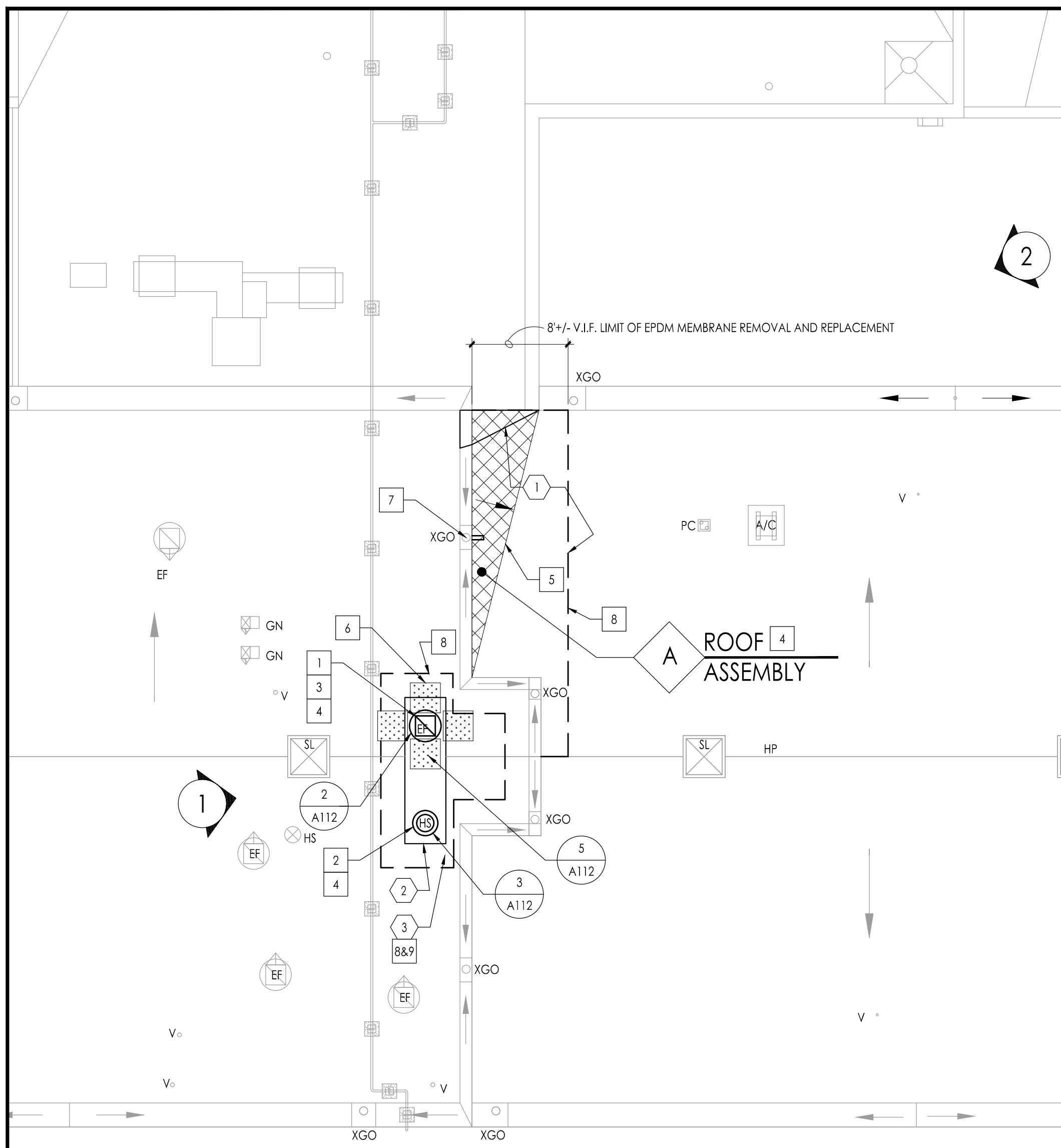
Project Location  
**5801 3rd ST  
 MAYS LANDING,  
 NJ 08330**

Project Number  
**4937B**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**HJ**  
 Scale  
**AS NOTED**

Drawing Name  
**REFLECTED CEILING PLAN ALTERNATE BID**  
  
**BLOCK C  
 BLOCK D1**

Revisions	No.	Date	Description

Drawing Number  
**A111a**



**PROPOSED ROOF PLAN**  
SCALE 1/8" = 1'

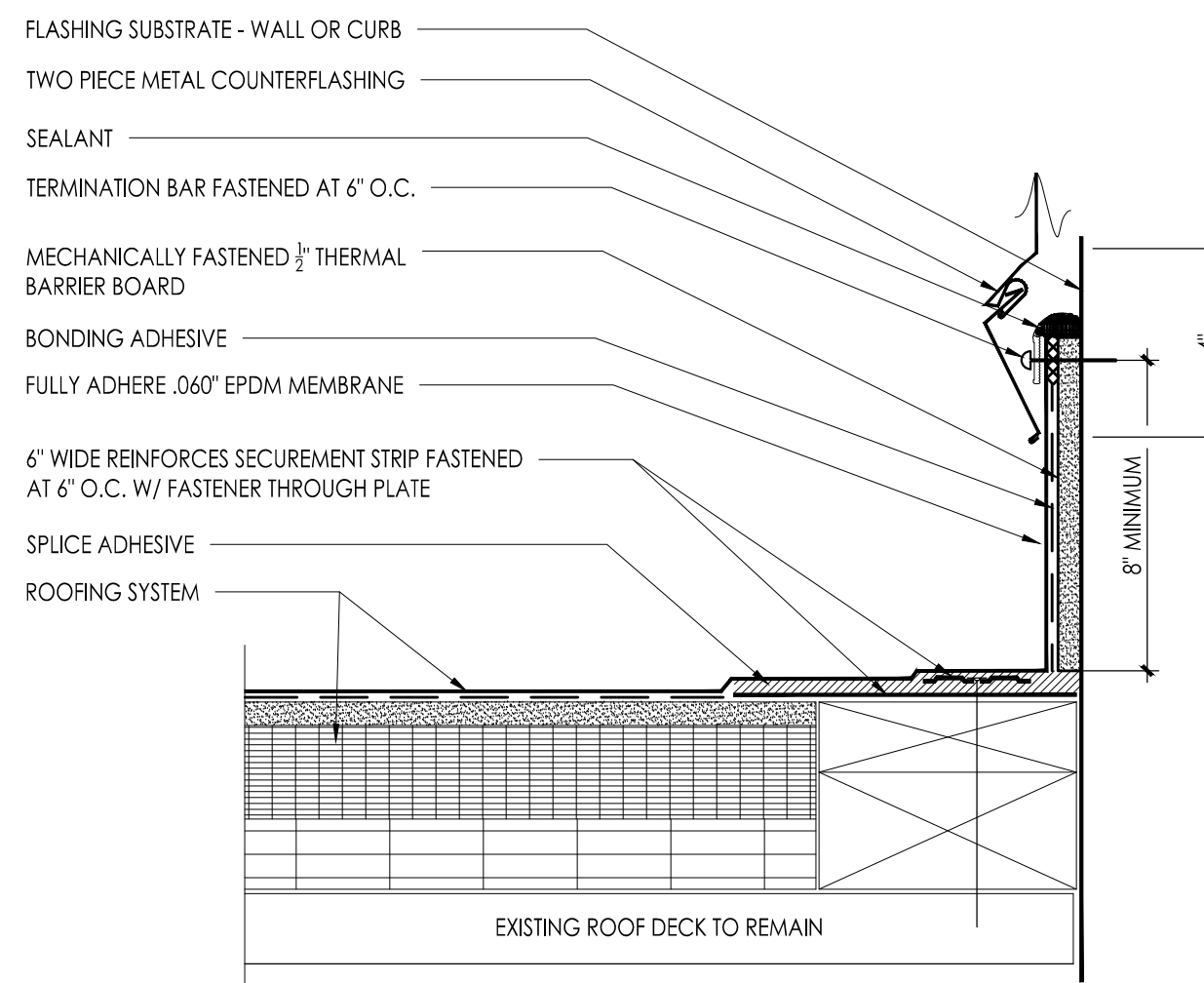


**1 PHOTOGRAPH**

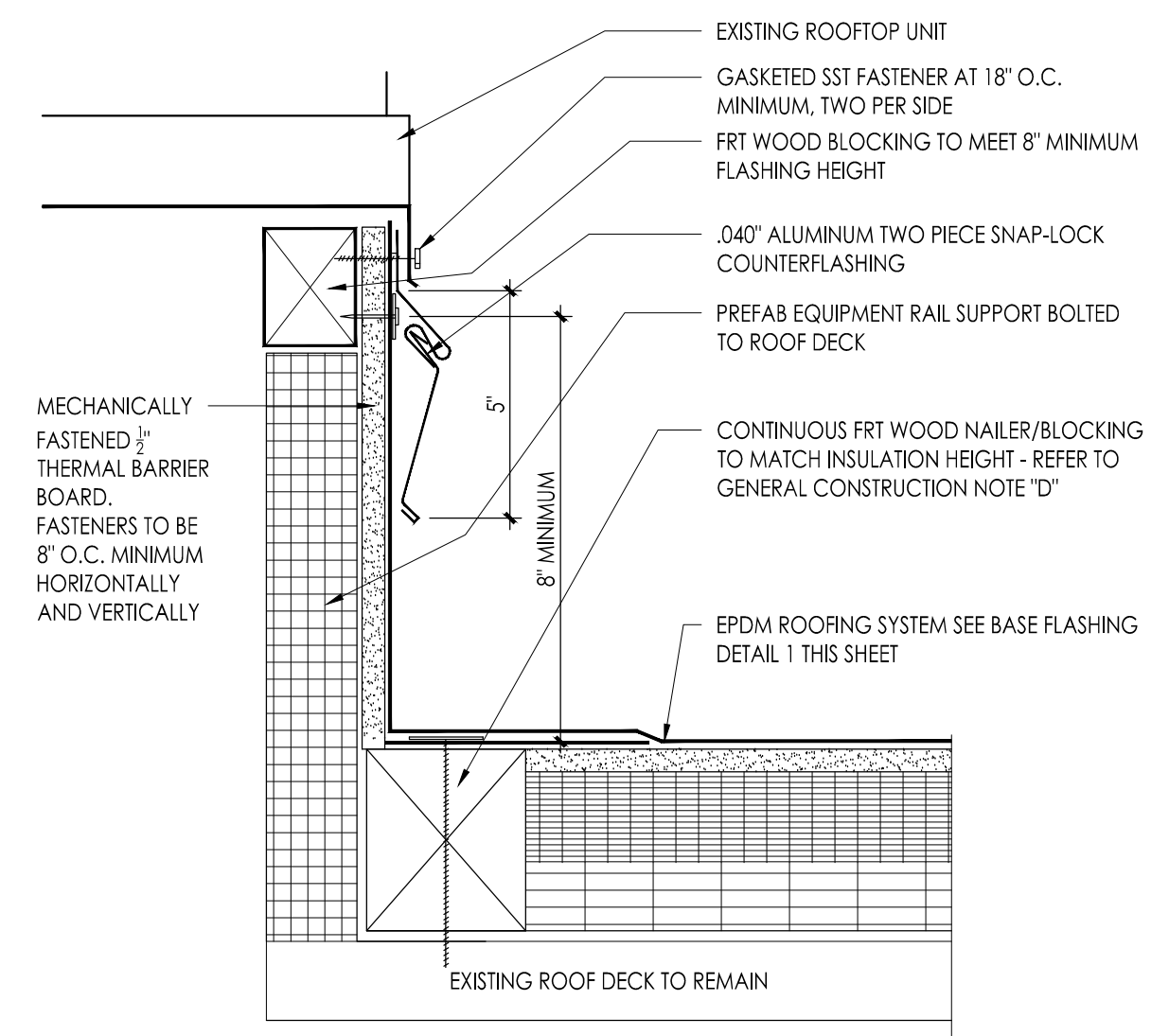


**2 PHOTOGRAPH**

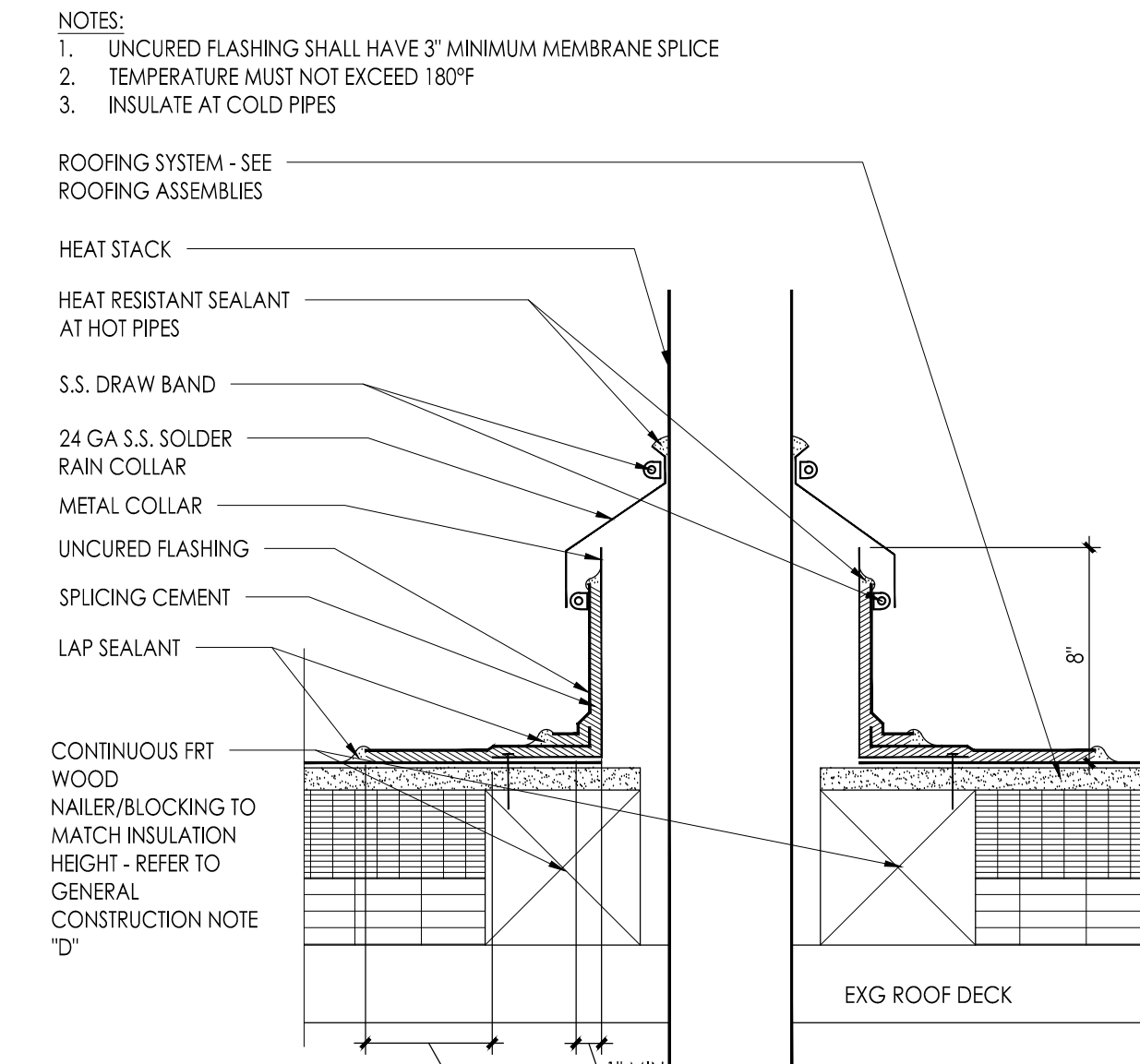
- LEGEND**
- XGO EXG CUTTER OUTLET AND RAIN WATER LEADER
  - EF EXHAUST FAN UNIT
  - PC PIPE CURB
  - GN GOOSE NECK
  - V VENT PIPE
  - WALKWAY PADS
  - PP SB PITCH POCKET
  - SK SKYLIGHT
- SYMBOLS**
- X A-X FLASHING DETAIL AND DRAWING NUMBER
  - # PHOTOGRAPH NUMBER
  - # DEMOLITION/ CONSTRUCTION NOTE
  - # CONSTRUCTION NOTE
  - SL DIRECTION OF ROOF SLOPE
  - # ROOF ASSEMBLY TYPE
  - 1/2" PER FOOT SLOPED TAPERED INSULATION CRICKETS



**1 TYPICAL BASE FLASHING DETAIL**  
3" = 1'-0"



**2 TYPICAL NEW ROOFTOP UNIT CURB FLASHING**  
3" = 1'-0"



**3 TYPICAL ROUND PENETRATION DETAIL @ HEAT STAC**  
3" = 1'-0"

**GENERAL DEMOLITION NOTES:**

- A. THE ROOFING CONTRACTOR SHALL VERIFY THE EXACT LOCATION, DIMENSION, CONDITION AND QUANTITY OF ALL ROOFTOP EQUIPMENT AND APPURTENANCES WHICH INCLUDES, BUT ARE NOT LIMITED TO: EXHAUST FANS, VENT PIPES, GRILLS, MATCHES, FLUE PIPES, HOT STACKS, HVAC EQUIPMENT, CURBS, BASE FLASHING AND OTHER PENETRATIONS AND WORK ASSOCIATED WITH THIS ROOF PROJECT. INCORPORATE SAME IN THE ROOF INSULATION SHOP DRAWING SUBMITTAL.
- B. THE ROOFING CONTRACTOR SHALL BE RESPONSIBLE TO PERFORM DEMOLITION CAREFULLY CAUSING NO DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES MUST BE REPAIRED AND OR REPLACED BY THE ROOFING CONTRACTOR TO THE OWNER'S AND ARCHITECT'S SATISFACTION AND AT NO ADDITIONAL COST TO THE CONTRACT PRICE. PRIOR TO THE COMMENCEMENT OF WORK, THE ROOFING CONTRACTOR IS RESPONSIBLE TO INSPECT AND PHOTOGRAPH EXISTING CONDITIONS WHICH COULD BE MISCONSTRUED AS DAMAGE RESULTING FROM DEMOLITION AND INSTALLATION WORK.
- C. FOR PURPOSES OF THIS PROJECT, REMOVE SHALL MEAN REMOVE AND DISPOSE OF SAME OFF SITE IN AN APPROVED AND LEGAL MANNER.
- D. DETAILS REFERENCED IN THE PHOTOGRAPHS AND ON THESE DRAWINGS ARE TYPICAL. PHOTOGRAPHS ARE INTENDED TO SHOW TYPICAL EXISTING CONDITIONS AND ARE NOT INTENDED TO LIMIT SCOPE. THE ROOFING CONTRACTOR SHALL VERIFY THE TOTAL NUMBER AND EXACT LOCATION OF CONDITIONS IN THE FIELD AND PERFORM WORK IN ACCORDANCE WITH THE DETAILS REFERENCED AND/OR THOSE WHICH ARE SIMILAR.
- E. THE ROOFING CONTRACTOR SHALL COORDINATE ALL DUMPSTER STAGING AND TRUCK ROUTES WITH THE OWNER. THE ROOFING CONTRACTOR SHALL PROTECT ALL EXISTING PAVED AND PLANTED AREAS. THE ROOFING CONTRACTOR SHALL REPAIR ANY PAVED OR PLANTED AREAS TO THE SATISFACTION OF THE OWNER. THE REPAIRS ARE TO INCLUDE, BUT ARE NOT LIMITED TO: REPAIRING OF ASPHALT DRIVEWAYS AND PARKING LOTS, REGRADING AND SEEDING OF LAWNS AND PLAYGROUND AREAS AND REPLACING DAMAGED PLANTS, SHRUBS, ETC. ALL REPAIRS AND RESTORATIONS SHALL BE DONE AT NO ADDITIONAL COST TO THE CONTRACT PRICE.
- F. THE BUILDING IS OCCUPIED. THE ROOFING CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL MEANS AND METHODS OF CONSTRUCTION AND FOR THE SAFETY OF ALL PERSONS AT THE PROJECT SITE.

**DEMOLITION NOTES:**

- 1 REMOVE EXISTING CRICKET AND ROOFING MEMBRANE IN THIS AREA.
- 2 DEMOLISH AND REMOVE EXISTING CHIMNEY BY GENERAL CONTRACTOR. ROOFING CONTRACTOR TO PROVIDE AND MAINTAIN WATER TIGHT CONDITION AFTER CHIMNEY IS REMOVED.
- 3 REMOVE EXISTING ROOF IN ITS ENTIRETY TO THE TOP OF THE EXISTING ROOF DECK WHICH IS TO REMAIN.

**GENERAL CONSTRUCTION NOTES**

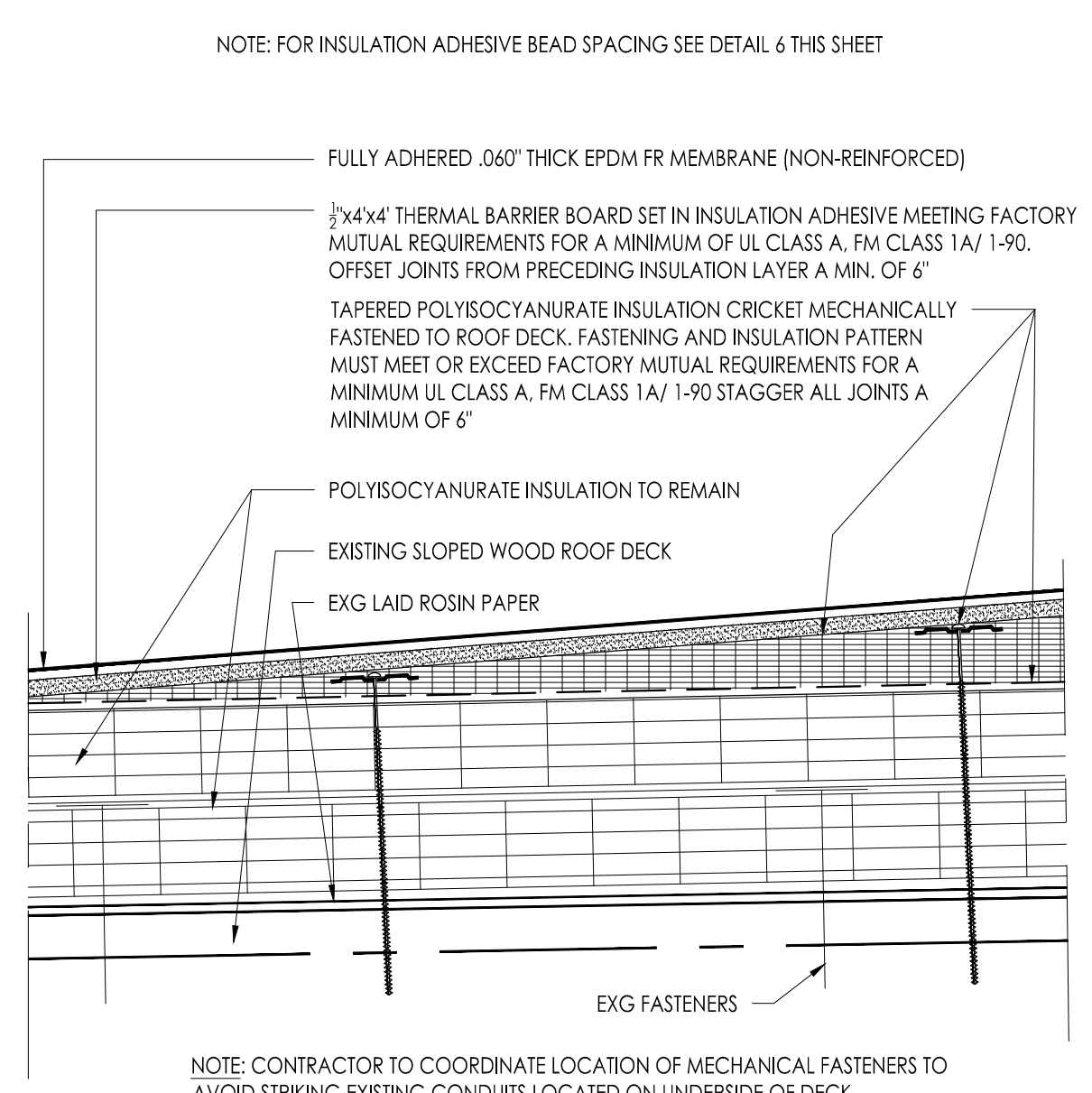
- A. PROVIDE ROOFING MATERIALS THAT COMPLY WITH A CLASS 'A' SYSTEM.
- B. NEW IMPOSED DEAD LOAD IS EQUAL TO OR LESS THAN EXISTING DEAD LOAD.
- C. ALL LOW SLOPED ROOF AREAS ARE MINIMUM OF 1/2" PER FOOT IN THE FIELD AND 1/2" PER FOOT AT THE CRICKETS. SLOPE OF CRICKET IS PERPENDICULAR TO CRICKET VALLEY LINE.
- D. FRT WOOD BLOCKING SHOWN ON DRAWINGS IS DIAGRAMMATIC. PROVIDE FIRE RETARDANT TREATED WOOD BLOCKING CONSTRUCTION IN THICKNESS AND HEIGHT TO MATCH THICKNESS OF ROOF ASSEMBLY.
- E. THE ROOFING CONTRACTOR IS RESPONSIBLE FOR FLASHING ALL ROOF TOP PENETRATIONS, UNITS, AND CURBS ON THE ROOFS TO A WATER TIGHT CONDITION TO BE INCLUDED IN THE MANUFACTURER'S WARRANTY. REVIEW ALL DRAWINGS INCLUDED IN THIS SET FOR ROOFTOP PENETRATIONS. ALL ROOF TOP PENETRATIONS, UNITS, AND CURBS SHALL BE A MINIMUM OF 8" ABOVE THE ROOF SYSTEM.
- F. HIGH POINTS INDICATED ON DRAWINGS ARE SHOWN FOR GUIDANCE ONLY. THE CONTRACTOR IS RESPONSIBLE FOR FINAL TAPERED INSULATION DESIGN. ANY REQUIRED ADJUSTMENTS MADE BY THE CONTRACTOR TO THE INDICATED DESIGN GUIDELINES ARE AT NO ADDITIONAL COST TO THE OWNER.
- G. UNLESS NOTED OTHERWISE ALL ROOFING, ACCESSORIES, MATERIALS, ETC. SHALL BE CONSIDERED NEW.
- H. CONTRACTOR SHALL MAKE NECESSARY TIE-INS AND ALTERATIONS TO EXISTING ROOF IN ACCORDANCE WITH ORIGINAL ROOF MANUFACTURER'S REQUIREMENTS, SO AS TO MAINTAIN ORIGINAL WARRANTY ON EXISTING ROOF.
- I. CONTRACTOR SHALL AT ALL TIMES HAVE A FULL SET OF DRAWINGS AND SPECIFICATIONS ON ROOF TOP WHILE WORK IS IN PROGRESS.
- J. CONTRACTOR IS RESPONSIBLE TO RECTIFY ANY PONDING WATER ON FINISHED ROOF SURFACE THAT REMAINS AFTER 48 HOURS AT NO ADDITIONAL COST.

**CONSTRUCTION NOTES - EPDM**

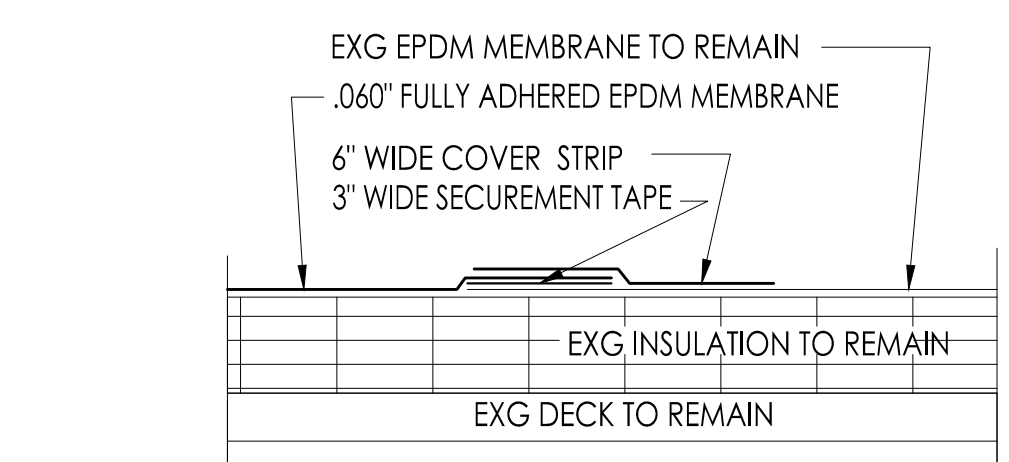
- 1 ROOFTOP EQUIPMENT: RAISE CURBS ON FRT WOOD BLOCKING TO ACHIEVE THE MINIMUM 8" FLASHING HEIGHT REQUIRED. APPLY EPDM ROOFING MEMBRANE UP CURB USING SECUREMENT STRIP AT BASE OF CURB AND FASTEN ALONG TOP EDGE. INSTALL TWO-PIECE COUNTERFLASHING UNDER THE ROOFTOP UNITS COUNTERFLASHING WITH CONTINUOUS CORNERS SEE DETAIL 1 THIS SHEET.
- 2 HEAT STACKS: - INSTALL ROOF ANGLE FLANGE AND MEMBRANE FLASHING ON THE TOP SURFACE OF THE NEW ROOFING MEMBRANE SYSTEM. COVER TOP OF ROOF ANGLE FLANGE WITH UMBRELLA SECURED IN PLACE WITH A STRAP CLAMP AND HEAT RESISTANT SEALANT - SEE DETAIL 3 THIS SHEET.
- 3 ALL CONDITIONS MEETING THE ROOFING PERPENDICULAR: INSTALL INSULATION AND SECUREMENT STRIP FASTENED TO ROOF DECK AT THE BASE OF THE WALL. RUN EPDM MEMBRANE UP VERTICAL SURFACE. ADHERE MEMBRANE TO INSULATION AND VERTICAL SURFACE WITH BONDING ADHESIVE AND TO THE SECUREMENT STRIP WITH SPICE ADHESIVE. APPLY WATERBLOCK BEHIND MEMBRANE JUST BELOW THE TOP EDGE OF THE MEMBRANE. SECURE MEMBRANE ALONG THE TOP EDGE EPDM THROUGH TERMINATION BAR 6" O.C. AND APPLY SEALANT. COVER ALL TERMINATION BARS WITH TWO-PIECE METAL COUNTERFLASHING SEE DETAIL 1 THIS SHEET.
- 4 EXG ROOFS TO REMAIN ARE UNDER WARRANTY. INSTALLATION OF ROOFTOP EQUIPMENT IN THESE AREAS SHALL BE DONE IN ACCORDANCE WITH THE ROOFING MANUFACTURER'S REQUIREMENTS TO MAINTAIN SAID WARRANTY. TYPICAL.
- 5 CONSTRUCT 1/2" PER SLOPE CRICKET W/ POLYISOCYANURATE INSULATION AND 1/2" THERMAL BARRIER BOARD. FASTEN POLYISOCYANURATE INSULATION THROUGH EXISTING ROOF SYSTEM INTO WOOD DECK. THERMAL BARRIER BOARD SHALL BE ADHERED TO POLYISOCYANURATE INSULATION - SEE ASSEMBLY 'A' THIS SHEET.
- 6 WALKWAY PADS: - INSTALL AROUND ALL ROOFTOP UNITS, AND ROOFTOP EQUIPMENT. MODIFY WALKWAYS AS REQUIRED SO THAT THE PAD DOES NOT IMPEDE THE FREE FLOW OF WATER TO THE DRAINAGE POINTS. SEE DETAIL 5 THIS SHEET.
- 7 EXG DOWNSPOUT: - SHORTEN AND MODIFY EXG DOWNSPOUT TO ACCOMMODATE INCREASED HEIGHT OF NEW CRICKET BELOW DOWNSPOUT. IF DOWNSPOUT CANNOT BE MODIFIED REPLACE W/ NEW TO MATCH EXG IN ALL RESPECTS AT NO ADDITIONAL COST TO OWNER.
- 8 NEW MEMBRANE TIE-IN: - INSTALL NEW EPDM MEMBRANE FLASHING AND SPICE TO EPDM EXISTING MEMBRANE. TIE-IN AS PER MANUFACTURER'S REQUIREMENTS TO MAINTAIN EXG WARRANTY - SEE DETAIL 4 THIS SHEET.
- 9 INSTALL ROOF INSULATION AND THERMAL BARRIER BOARD TO MATCH ADJACENT SLOPE. THICKNESS, R-VALUE AND SLOPE. INSTALL FULLY-ADHERED .060" EPDM MEMBRANE IN BONDING ADHESIVE. DO NOT WALK OR RUN EQUIPMENT UPON NEWLY APPLIED ROOFING FLIES UNTIL THE ADHESIVE HAS SET UP TO ELIMINATE THE POTENTIAL FOR VOIDS. INSTALL NEW FLASHING AND METAL COUNTERFLASHING AT HEAT STACK AND ROOF CURBS.

**STAGING NOTES:**

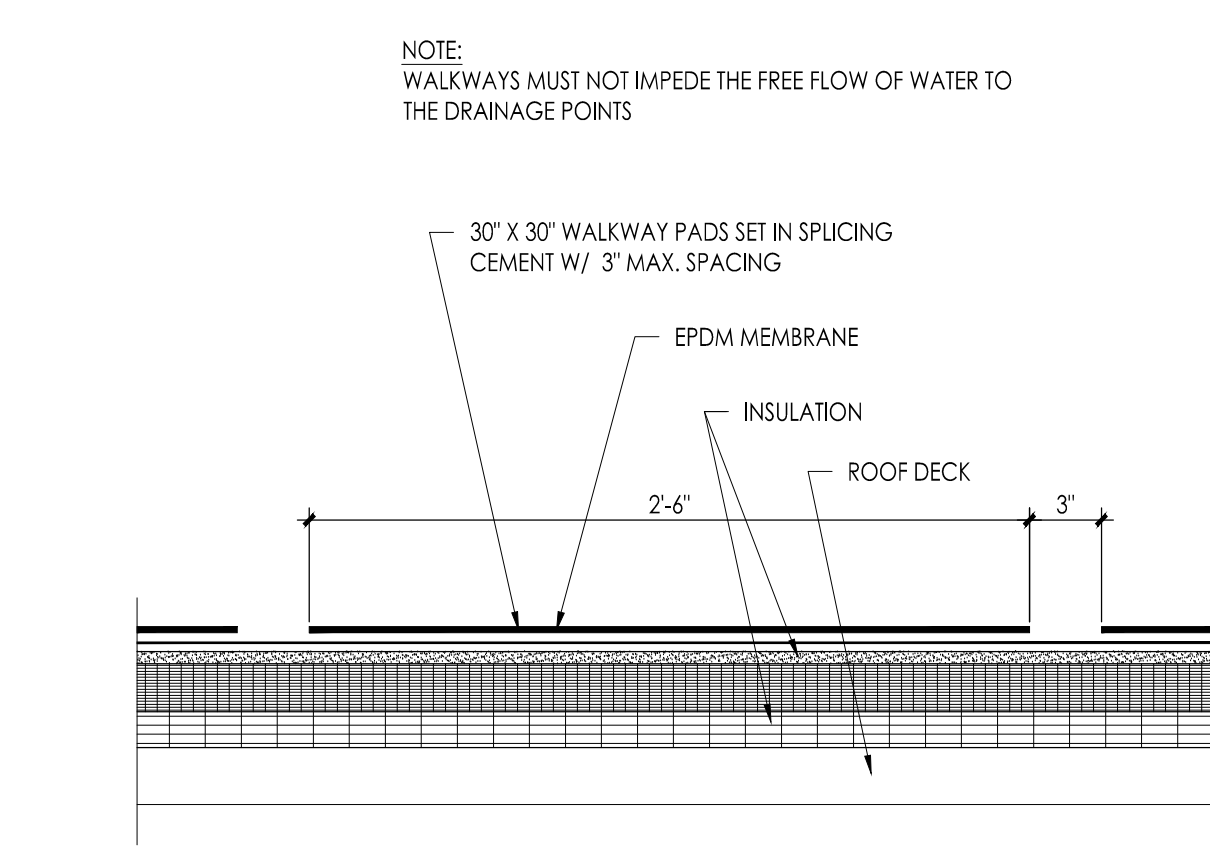
1. ROOF ACCESS THROUGH THE BUILDING IS NOT PERMITTED.
2. TEMPORARY TOILETS SHALL BE PROVIDED BY THE CONTRACTOR AND PLACEMENT COORDINATED WITH OWNER.
3. CONSTRUCTION SAFETY FENCING SHALL BE INSTALLED AROUND ALL STAGING AREAS.
4. THE CONTRACTOR IS TO CONTACT THE LOCAL MUNICIPALITY AND CONFIRM WORKING HOURS AND COMPLY WITH ALL NOISE ORDINANCE REQUIREMENTS.
5. PARKING, OF CONSTRUCTION VEHICLES, DUMPSTERS, AND EQUIPMENT IS NOT PERMITTED ON THE STREETS.
6. DUMPSTERS MUST BE EMPLOYED AT THE END OF EACH WORK DAY.
7. NO ENTRANCES, EXITS OR DRIVEWAYS SHALL BE BLOCKED AT ANY TIME.
8. ALL STAGING AREAS MUST BE APPROVED IN ADVANCE BY THE OWNER. THE ROOFING CONTRACTOR MUST SUBMIT A STAGING PLAN AND HAVE THE PLAN APPROVED BY THE OWNER. IF CHANGES TO THE STAGING PLAN MUST BE MADE DURING THE PROJECT, THE ROOFING CONTRACTOR MUST SUBMIT A REVISED PLAN TO THE OWNER AND OBTAIN WRITTEN APPROVAL BEFORE ADJUSTING THE STAGING AREAS.
9. THE CONTRACTOR IS NOT PERMITTED TO USE THE ROOFS THAT ARE NOT IN CONTRACT IN ANY CAPACITY.
10. ALL LAWN AND PAVED AREAS DAMAGED OR DISTURBED IN ANY WAY SHALL BE CLEANED AND RESTORED TO PRE-CONSTRUCTION CONDITION AT THE CONCLUSION OF THE WORK.
11. NO STAGING IS PERMITTED ON THE SIDEWALKS.



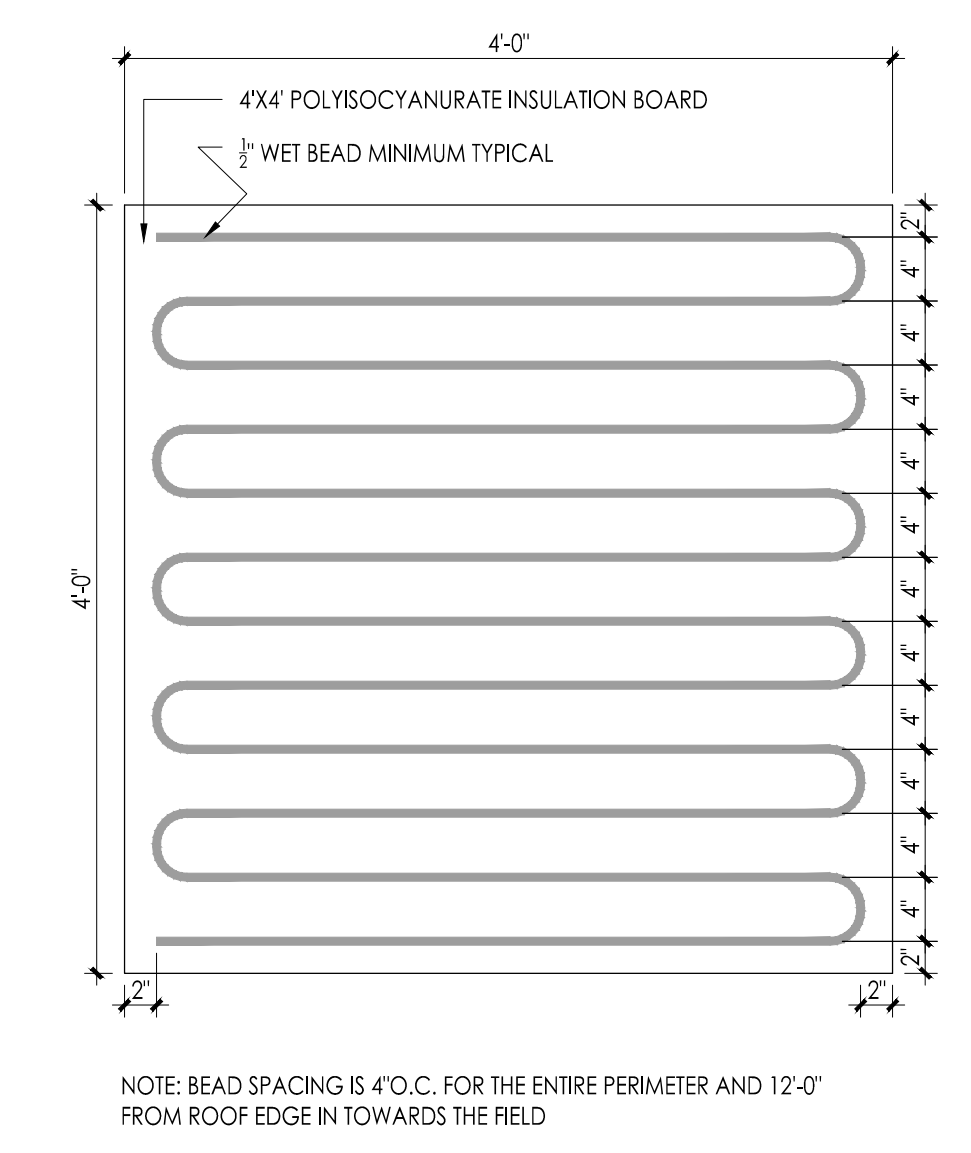
**A CRICKET ASSEMBLY**  
3" = 1'-0"



**4 TYPICAL SPlice OF NEW ROOF MEMBRANE INTO EXG ROOF MEMBRANE**  
3" = 1'-0"



**5 TYPICAL WALK WAY PAD DETAIL**  
1-1/2" = 1'-0"



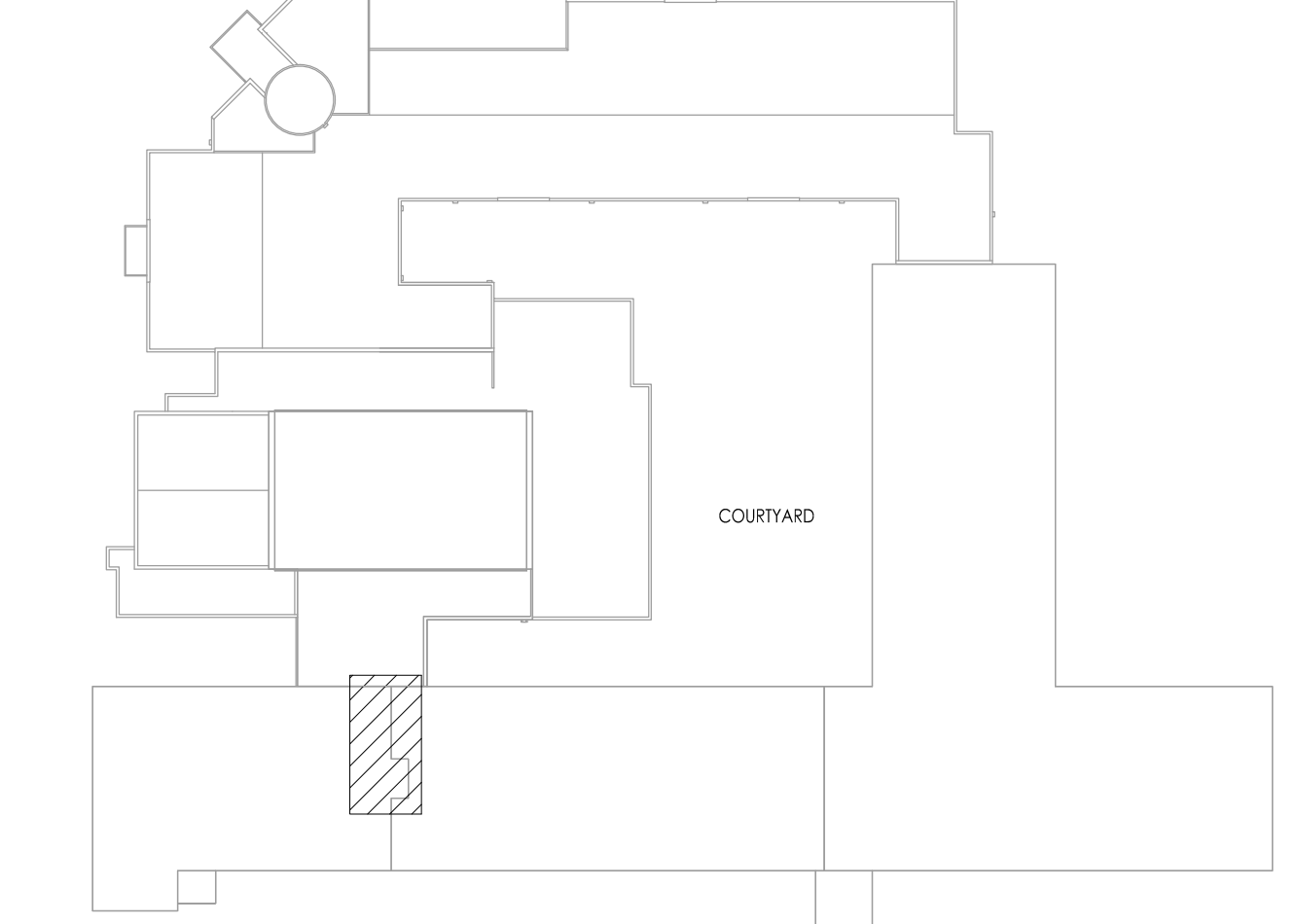
**6 TYPICAL INSULATION ADHESIVE BEAD SPACING**  
1" = 1'-0"

**LEGEND**



AREA OF WORK

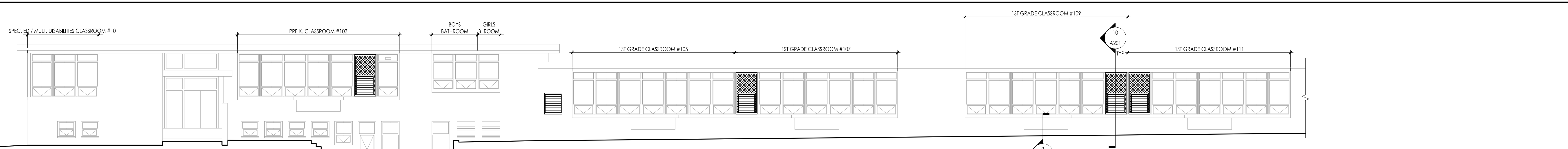
**KEYPLAN**  
N.T.S.



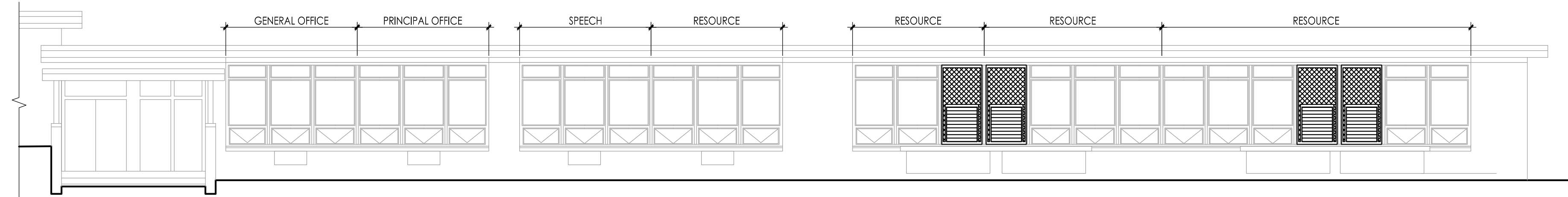
JOHN J. VEISZ, AIA, CSFA  
NO. 214886000 (PA) 84208188  
WILLIAM D. HOPKINS III, AIA, LEED AP  
NO. 214886000 (PA) 84208208  
GEORGE R. DUTHIE, JR., AIA, PP  
NO. 214886000 (PA) 84208208

**FVHD architects planners**  
Fraytak Veisz Hopkins Duthie P C  
Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
Pennsylvania: 140 Whitaker Ave - North Cheltenham - Pennsylvania 19383

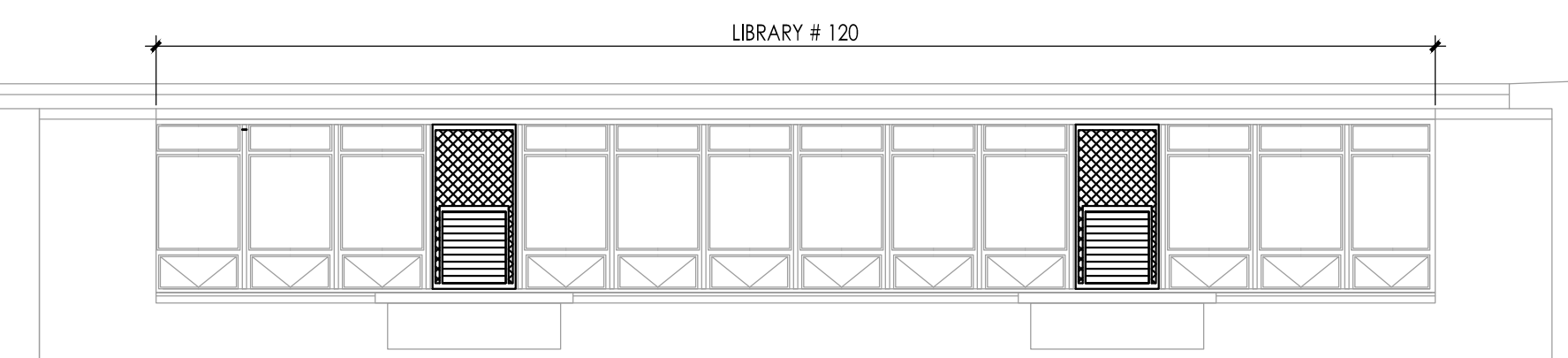
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Project Owner Name: HAMILTON TOWNSHIP BOARD OF EDUCATION  
Project Location: 5801 3rd ST MAYS LANDING, NJ 08330  
Project Number: 4937B  
Project Date: 02.15.2019  
Checked By: JJV  
Drawn By: MS  
Scale: AS NOTED  
Drawing Name: PARTIAL ROOF PLAN, NOTES AND ROOFING DETAILS  
Revisions: No. Date Description  
Drawing Number: A112



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

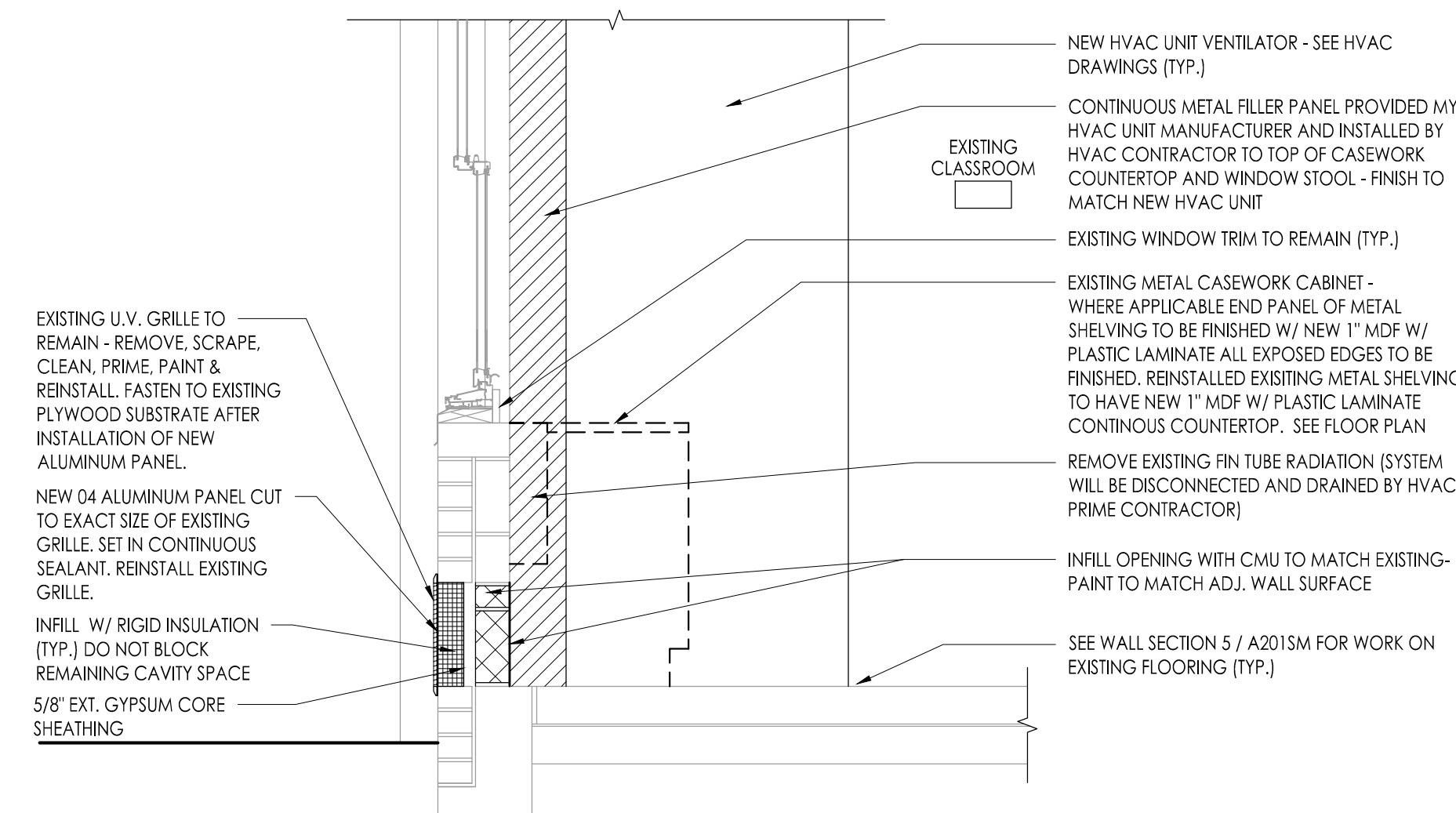


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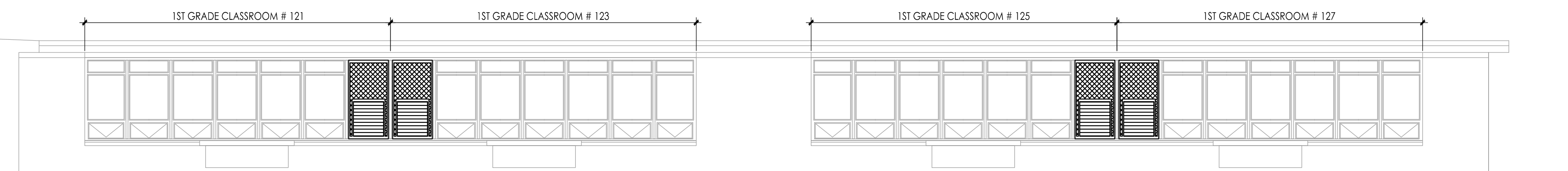
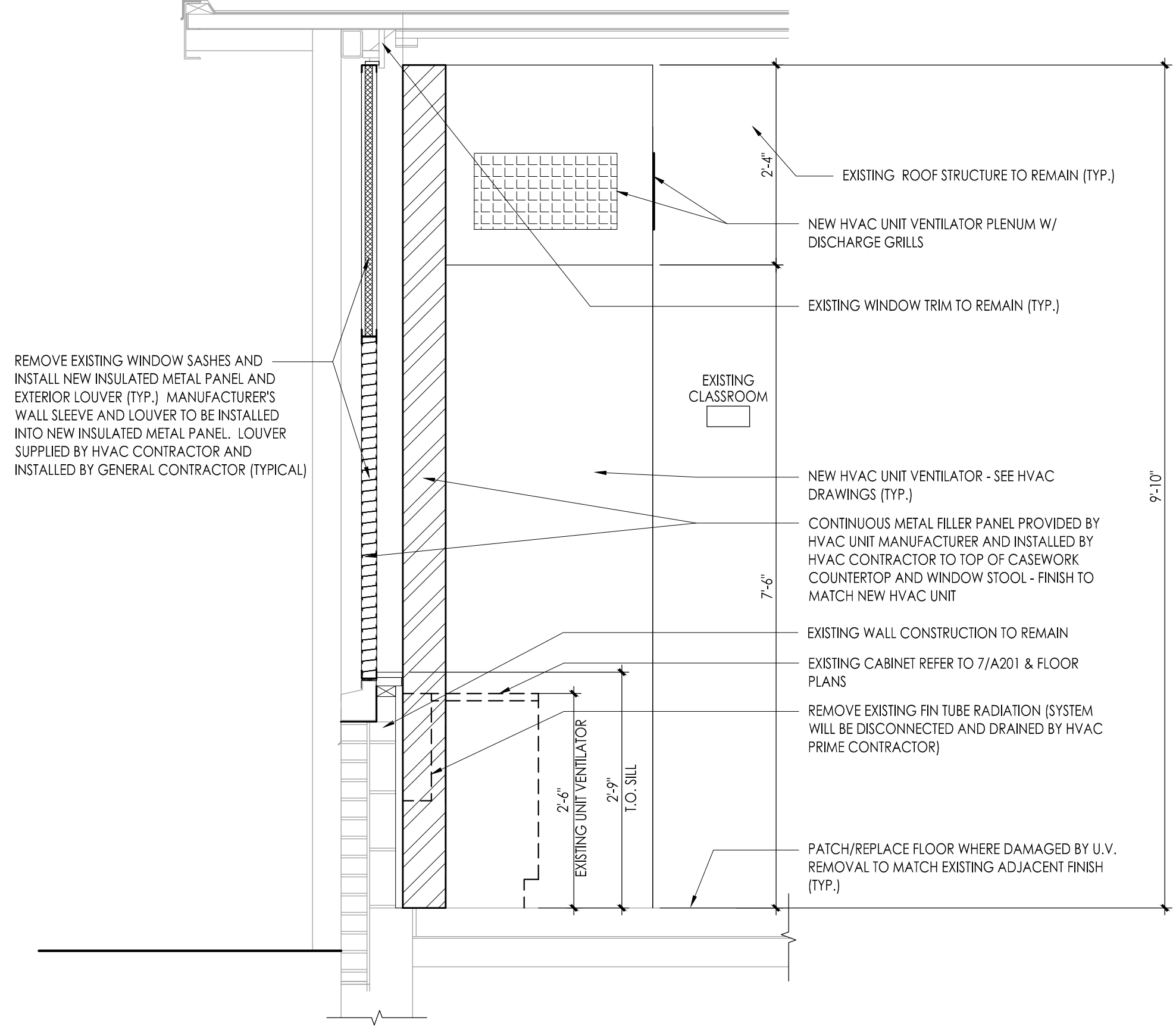


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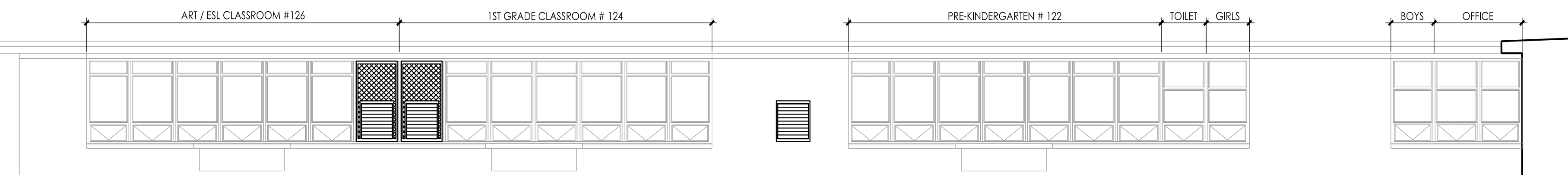
9 WALL SECTION  
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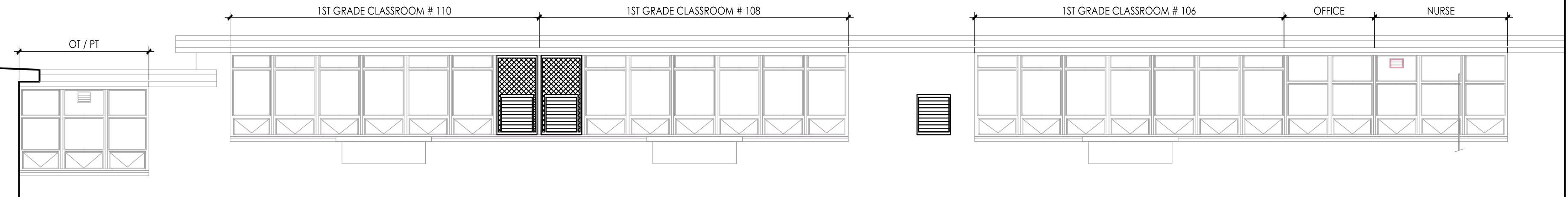
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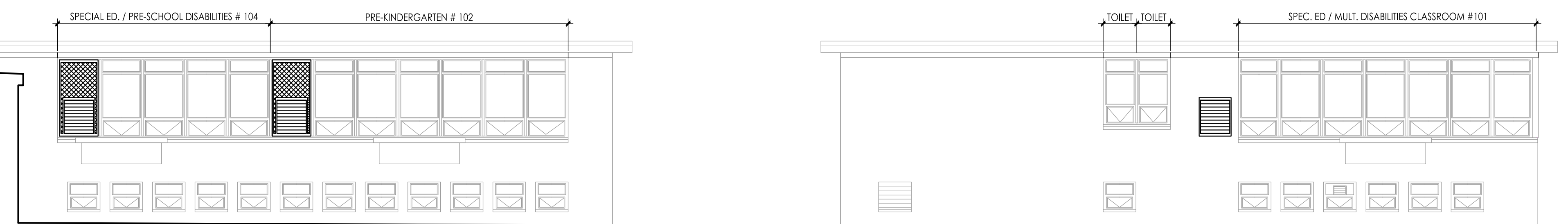
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Scale: 1/8" = 1'-0"



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

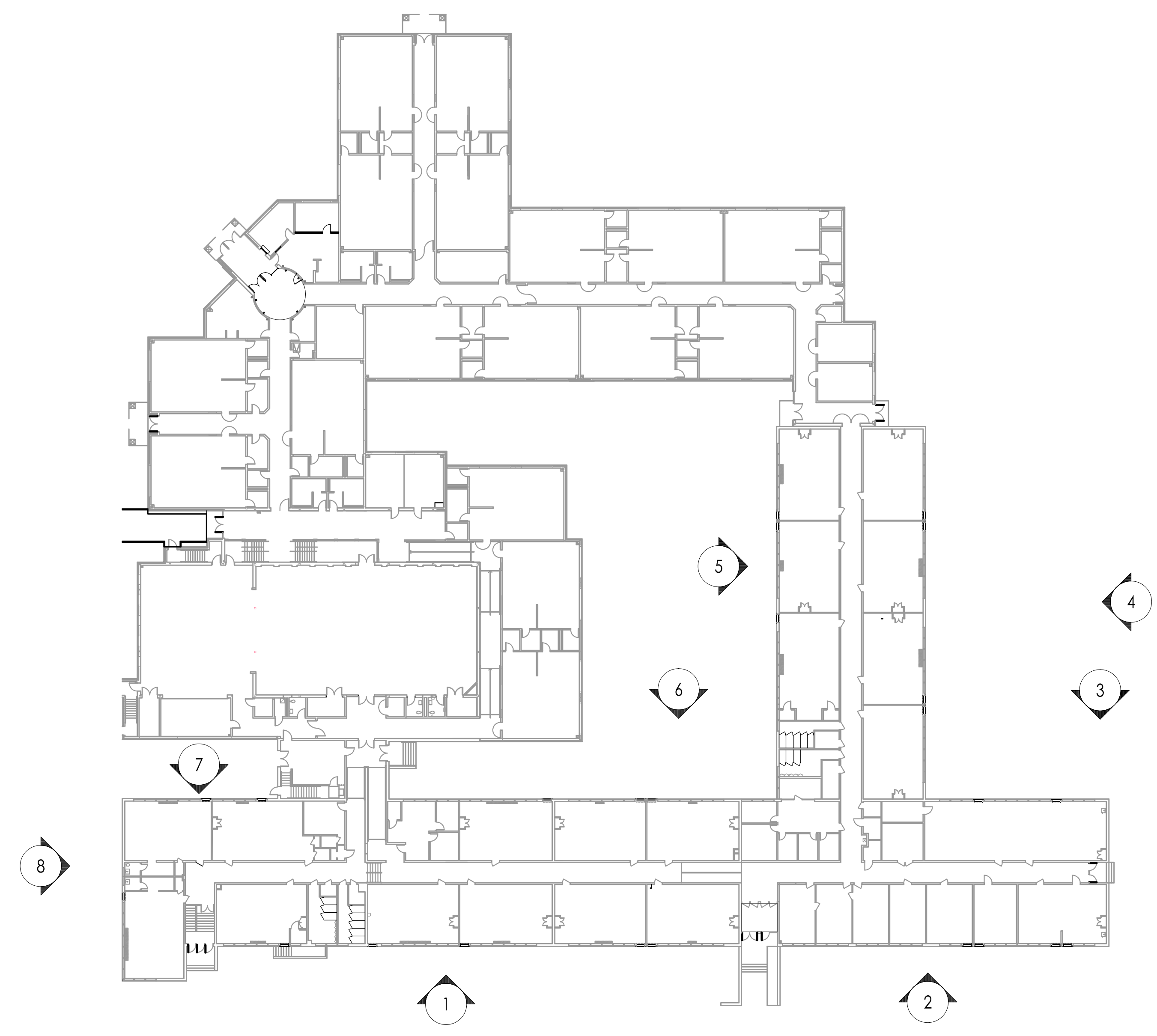


6 ELEVATION  
Scale: 1/8" = 1'-0"



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

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



KEY PLAN

JOHN J. VEISZ, AIA, CSQA  
 NJ-21488600 / PA-84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NJ-34470001 / PA-84202004  
 GEORGE R. DUTHIE JR., AIA, PF  
 NJ-21487920  
 F.V.H.D. architects planners  
 Fraytak Veisz Hopkins Duthie P.C.  
 Corporate: 1515 Lower Ferry Road - Trenton - New Jersey 08628  
 Pennsylvania: 140 Whittaker Ave - North Cresskill - Pennsylvania 17438

Project Name  
**ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

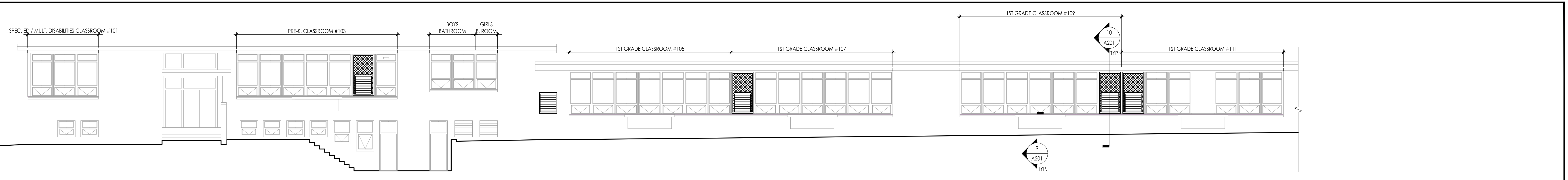
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**5801 3rd ST  
 MAYS LANDING,  
 NJ 08330**

Project Number  
**4937B**  
 Project Date  
**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**HJIII**  
 Scale  
**AS NOTED**

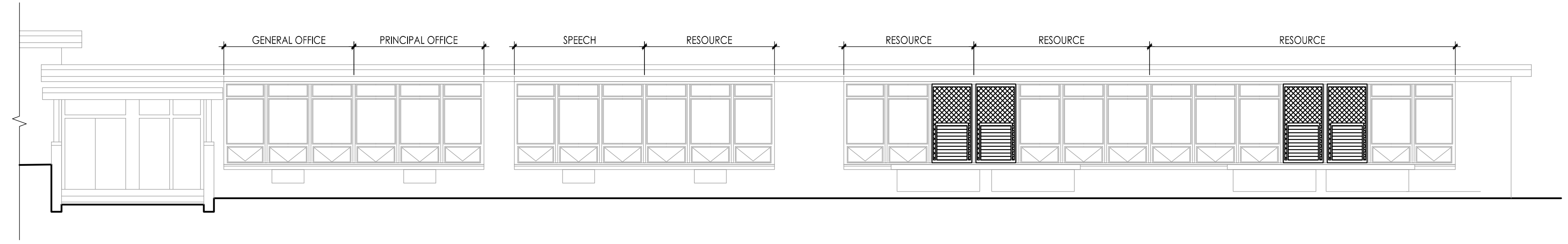
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**ELEVATIONS**

Revisions	No.	Date	Description

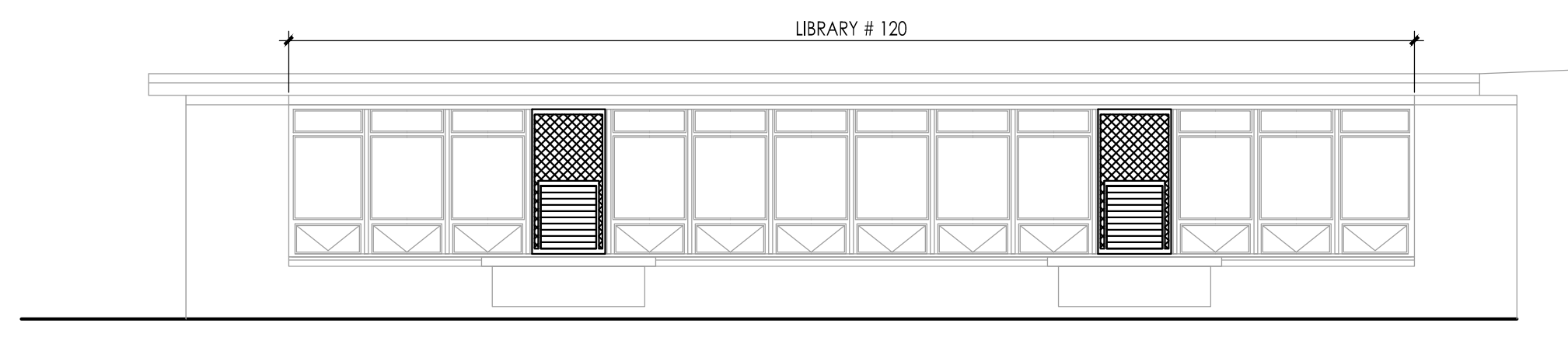
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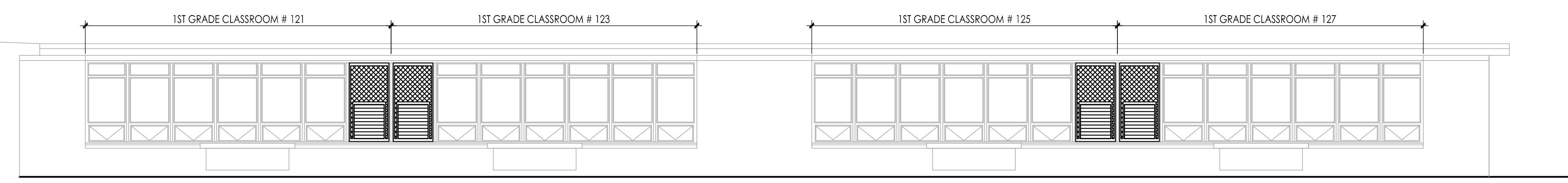
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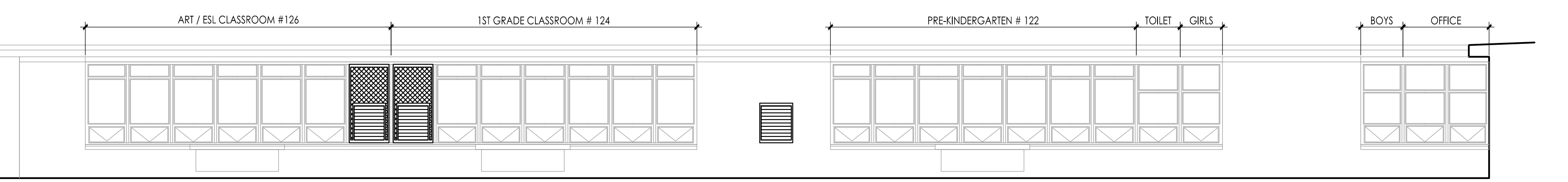
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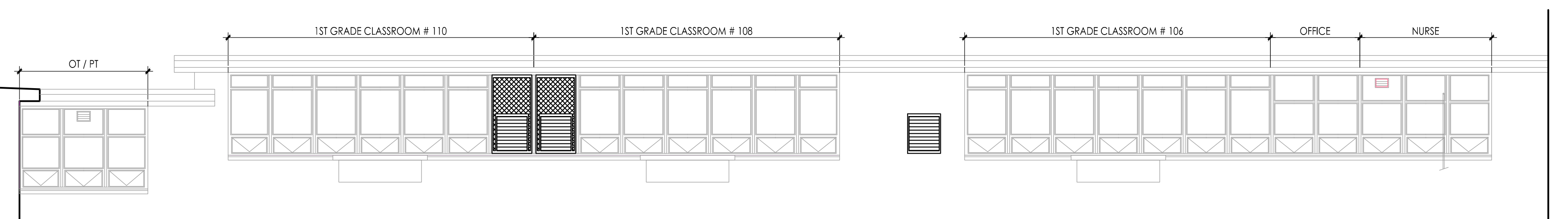
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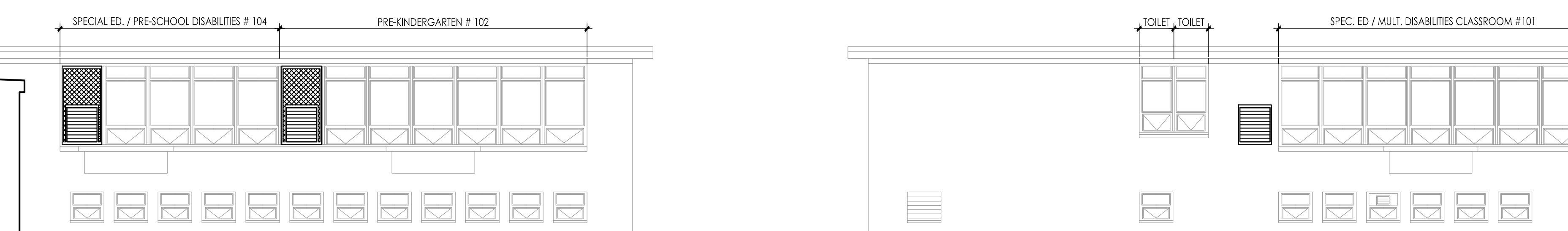
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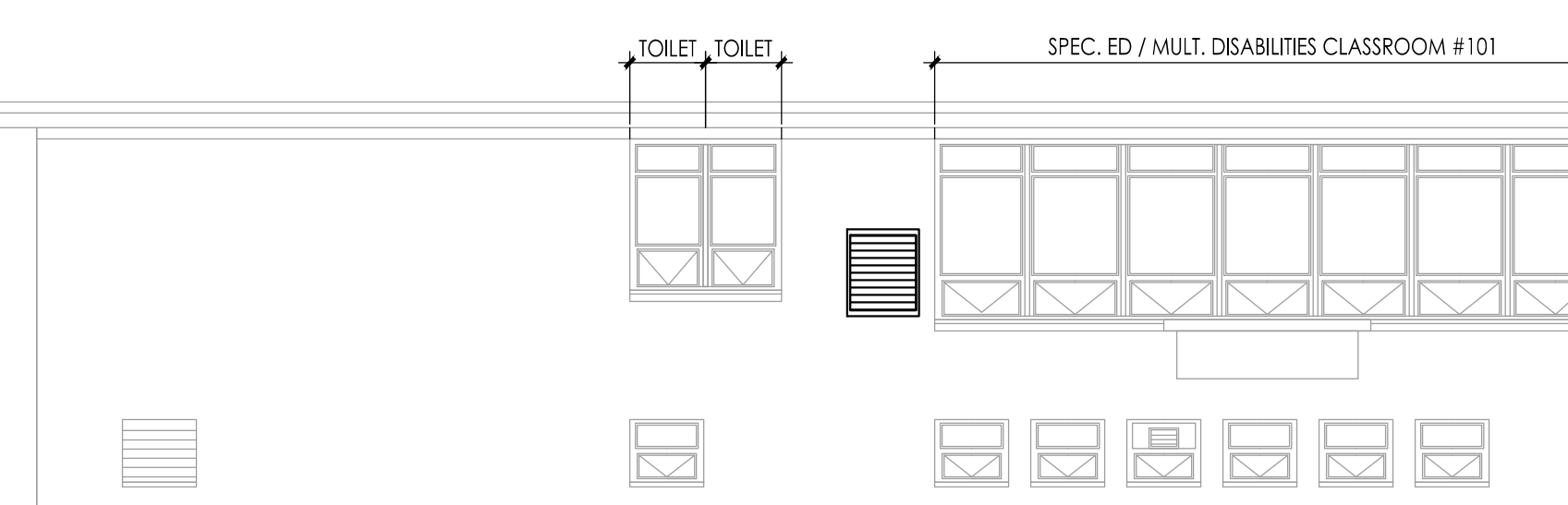
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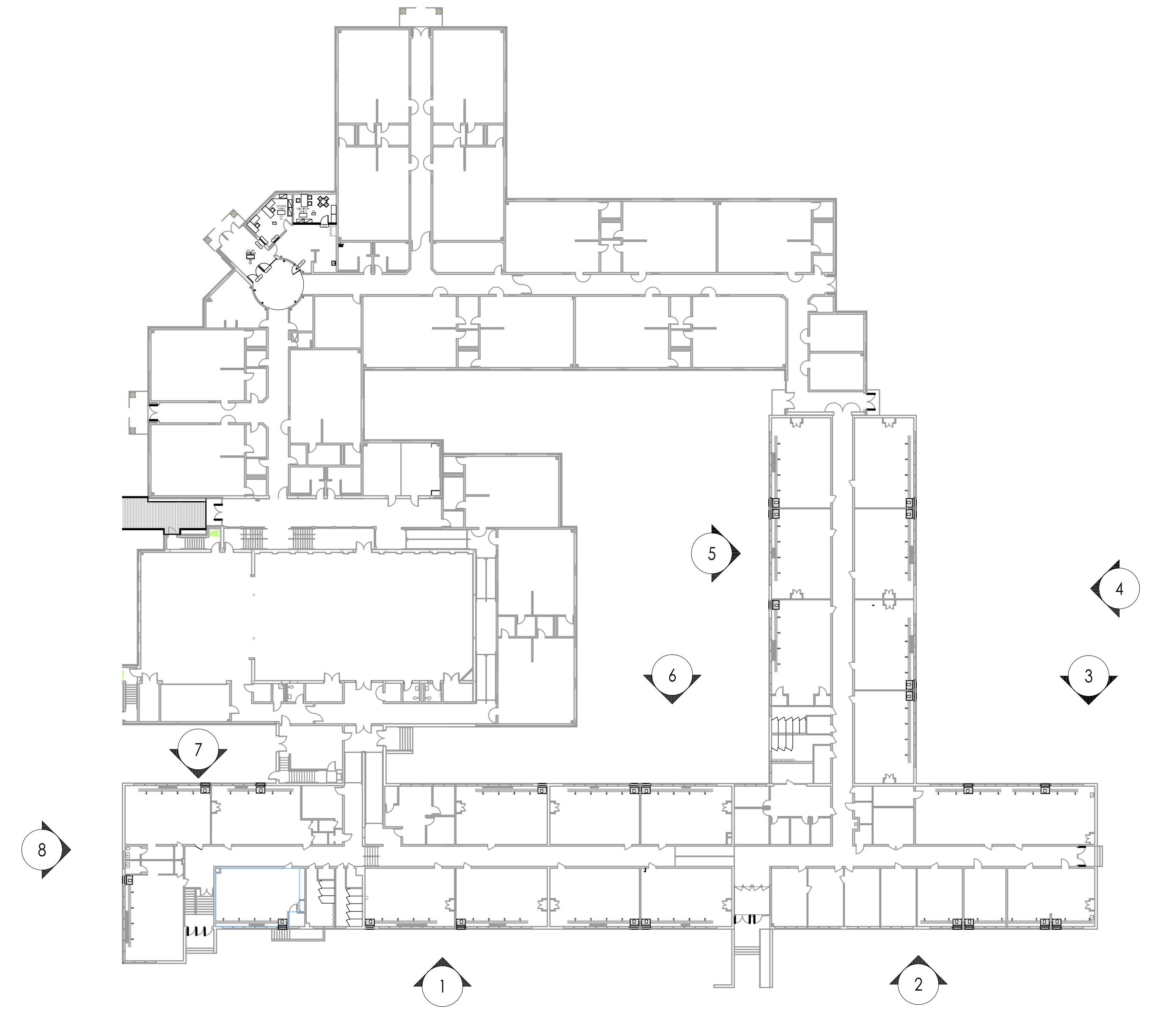
6 ELEVATION  
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7 ELEVATION  
Scale: 1/8" = 1'-0"



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



KEY PLAN

JOHN I. VEISZ, AIA, CSFA  
 NU-PA1806401 PA - 84201818  
 WILLIAM D. HOPKINS III, AIA, LEED AP  
 NU-PA1806401 PA - 84202504  
 GEORGE K. DUTHIE, JR., AIA, PF  
 NU-PA1806401 PA - 84202505

FVHD architects  
 planners  
 Fraytak Veisz Hopkins Duthie P.C.  
 Corporate: 1515 Lower Ferry Road - Teabon - New Jersey 08028  
 Pennsylvania: 140 Whittaker Ave - Mont Clare - Pennsylvania 17433

F V H D P C - C O M  
 Date: \_\_\_\_\_  
 Drawn By: \_\_\_\_\_  
 Checked By: \_\_\_\_\_

Project Name  
**ALTERATIONS AND RENOVATIONS TO JOSEPH C. SHANER MEMORIAL ELEMENTARY SCHOOL**

Project Owner Name  
**HAMILTON TOWNSHIP BOARD OF EDUCATION**

Project Location  
**5801 3rd ST  
 MAYS LANDING,  
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**02.15.2019**  
 Checked By  
**JJV**  
 Drawn By  
**HJIII**  
 Scale  
**AS NOTED**

Drawing Name  
**ELEVATIONS ALTERNATE BID**

Revisions		
No.	Date	Description

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