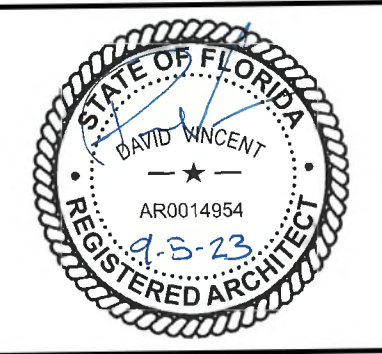


# PARTIAL SITE PLAN - NEW CLASSROOM BUILDING SCALE: 1" = 30'-0"

REVISIONS				
NO.	DESCRIPTION	DRAWN	CHECKED	DATE
PHASE				
		DRAWN	CHECKED	DATE
SCHEMATIC DESIGN		AM.	MRN	12/15/22
50% PROGRESS DOCUMENTS				02/10/23
CONSTRUCTION DOCUMENTS				03/21/23
BID DOCUMENTS				09/05/23

**JRA ARCHITECTS** 2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
PHONE: (850) 236-9832  
Commission Number: 22828



PROJECT:  
**BAY HAVEN CHARTER ACADEMY CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

SHEET TITLE:  
**ARCHITECTURAL SITE PLAN**

SHEET NUMBER:  
**A0.1**



1/22/2020 - Bay Haven Classroom\A-Plans.dwg, 9/7/2023 8:51:28 AM, MarioNunez, Adobe PDF, 11

## CONSTRUCTION KEYNOTES

1. SINGLE BULL-NOSE CMU UNIT FROM FLR. TO 8'-8" AFF.
2. DOUBLE BULL-NOSE CMU UNIT FROM FLR. TO 8'-8" AFF.
3. PROVIDE ENDWALL CORNER GUARD EA. SIDE OF OPENING SEE DETAIL X/A101
4. PROVIDE ADDITIONAL "RESTROOMS" SIGN THIS LOCATION, SEE SFECS/SIGNAGE SCHEDULE.
5. FLOOR SINK, SEE PLUMBING
6. PROVIDE 6" COLD FORMED METAL FRAMING WALL FROM TOP OF MASONRY TO UNDERSIDE OF ROOF DECK, (SEE A61 & STRUCT).
7. NOT USED.
8. DOWNSPOUT CONNECT TO UNDERGROUND STORM WATER SYSTEM SEE CIVIL
9. HOISTWAY FRONT TO REMAIN OPEN UNTIL ELEVATOR IS INSTALLED. COORD. INSTALL OF MASONRY WALL WITH ELEVATOR INSTALLER. SEE STRUCT. FOR LINTEL REQUIREMENT & ELEV.

## EQUIPMENT SCHEDULE #

- 1A. MARKERBOARD - 24"x44" (RAIL, # 32" AFF. UNO) PROVIDE WITH 5 MULTI-COLOR MARKERS & DRY ERASER - 1 PER MARKERBOARD
- 2A. TACKBOARD - 6'x4'x4" (BOT, # 32" AFF. UNO)
- 3A. INTERACTIVE FLAT PANEL (FP) DISPLAY, BY OWNER
4. HVAC UNIT (SEE MECHANICAL)
5. UTILITY SHELF/MOP HOLDER (MTD W/ TOP OF UNIT # 12" AFF. SEE DETAIL X/A21)
6. NOT USED
7. HI-LOW ELECTRIC WATER COOLER WITH BOTTLE FILL (ADA COMPLIANT)
8. NOT USED.
9. COMPUTER TABLES, BY OWNER. (SEE ELEC/COM1 FOR POWER DATA)
10. SHELVING, BY OWNER

- NOTES:**
1. - SEE INDEX SHEET WALL TYPES LEGEND FOR ALL WALL RATINGS
  2. - SEE FLOOR PLANS FOR FIRE EXTINGUISHER TYPES & LOCATIONS

## FINISH SCHEDULE

- ### CEILING
1. ACOUSTIC CEILING TILE SYSTEM (ACT)
  2. EGGSHELL ENAMEL PAINTED GYPSUM WALL BOARD
  3. EPOXY PAINTED GYPSUM WALLBOARD
  4. NOT USED
  5. PAINTED EXPOSED STRUCTURE
- ### FLOORS
1. LVT
  2. CARPET
  3. CERAMIC TILE
  4. NOT USED
  5. SEALED CONCRETE
  6. NOT USED

- ### BASE
1. VINYL BASE
  2. NOT USED
  3. CERAMIC TILE
  4. NOT USED
- ### FINISHES KEY
- | SPACE # | REMARKS           |
|---------|-------------------|
| +       | CLG / CLG HT      |
| +       | FLR / BASE / WALL |

- ### WALLS
1. EGGSHELL ENAMEL PAINTED CMU
  2. EGGSHELL ENAMEL PAINTED GUB
  3. CERAMIC TILE ON GMS & MR GUB AT PLUMBING WALLS, EPOXY PAINTED WALLBOARD OR CMU ELSEWHERE
  4. EPOXY PAINTED GUB
  5. NOT USED

- ### REMARKS
1. PROVIDE CONT. 3/4" SOUND BATTS IN GMS PARTITIONS AND ABOVE FINISH CEILING.
  2. PROVIDE CONT. 3/4" SOUND BATTS ABOVE FINISH CEILING
  3. PROVIDE 1/2" PAINTED PLYWOOD BACKBOARD - COORD W/ ELECTRICAL
  4. NOT USED

## GENERAL NOTES

1. SEE SHEET A21 FOR ENLARGED TOILET PLANS
2. SEE SHEETS A111 FOR STAIR DETAILS
3. SEE SHEETS A112 FOR ELEVATOR DETAILS
4. ALL DIMENSION STRINGS AT EXTERIOR WALLS ARE TO EXTERIOR FACE OF CMU, UNLESS NOTED OTHERWISE.
5. REFER TO SPECIFICATIONS, WALL TYPE SCHEDULE ON INDEX SHEET FOR SPECIFIC WALL CONSTRUCTION REQUIREMENTS AND COMPONENTS, INCLUDING TYPES OF WALL BOARD REQUIRED.
6. PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS IN GUB WALLS. SEE DETAIL V/A101
7. PROVIDE HORIZONTAL BLINDS AT EXTERIOR WINDOWS.
8. PROVIDE MR TILE BACKER-BOARD AT PLUMBING WALL PARTITIONS.

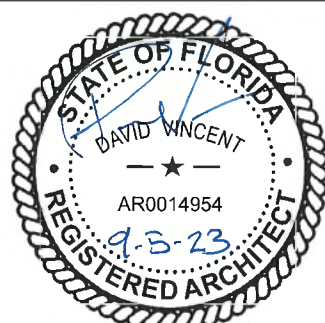
## REVISIONS

NO.	DESCRIPTION	DRAWN	CHECKED	DATE

## PHASE

	DRAWN	CHECKED	DATE
SCHEMATIC DESIGN	MFN	MFN	12/15/22
50% PROGRESS DOCUMENTS			01/07/23
CONSTRUCTION DOCUMENTS			03/21/23
BID DOCUMENTS			03/09/23

**JRA** 2211 THOMAS DR., STE 100  
ARCHITECTS PANAMA CITY BEACH, FL  
PHONE: (850) 236-9832  
Commission Number: 22828



## PROJECT:

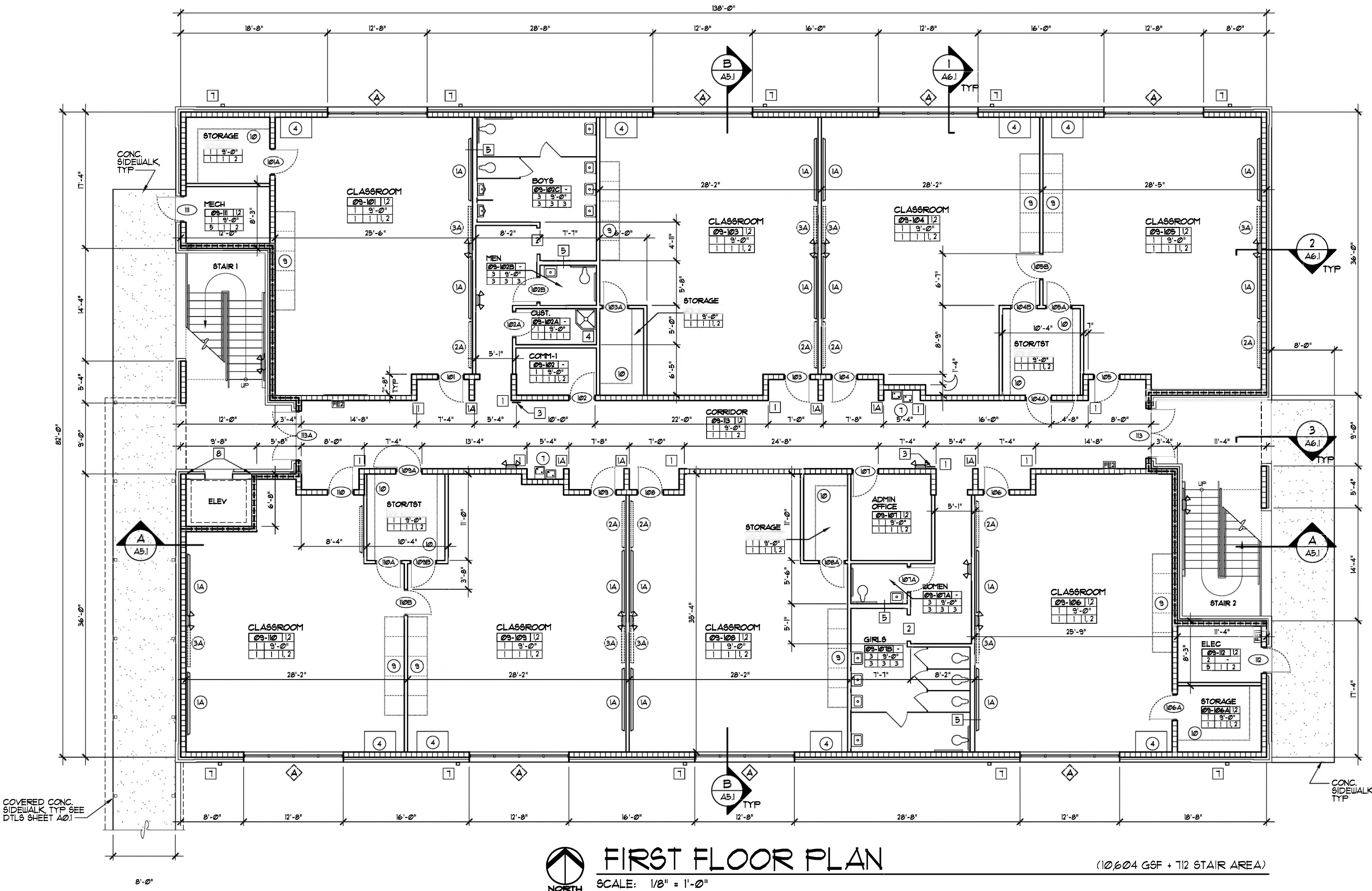
**BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

## SHEET TITLE:

**1st FLOOR  
FLOOR PLAN**

## SHEET NUMBER:

**A1.1**



**FIRST FLOOR PLAN**

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

(10604 GOF + 112 STAIR AREA)



## CONSTRUCTION KEYNOTES

1. SINGLE BULL-NOSE CMU UNIT FROM FLR. TO 8'-8" AFF.
2. DOUBLE BULL-NOSE CMU UNIT FROM FLR. TO 8'-8" AFF.
3. PROVIDE ENDWALL CORNER GUARD EA. SIDE OF OPENING SEE DETAIL X/A101
4. PROVIDE ADDITIONAL "RESTROOMS" SIGN THIS LOCATION. SEE SFECS/SIGNAGE SCHEDULE.
5. FLOOR SINK, SEE PLUMBING
6. PROVIDE 6" COLD FORMED METAL FRAMING WALL FROM TOP OF MASONRY TO UNDERSIDE OF ROOF DECK. (SEE A6.1 & STRUCT.)
7. NOT USED.
8. DOWNSPOUT CONNECT TO UNDERGROUND STORM WATER SYSTEM SEE CIVIL
9. HOISTWAY FRONT TO REMAIN OPEN UNTIL ELEVATOR IS INSTALLED. COORD. INSTALL OF MASONRY WALL WITH ELEVATOR INSTALLER. SEE STRUCT. FOR INTEL. REQUIREMENT & ELEV.

## EQUIPMENT SCHEDULE

- 1A. MARKERBOARD - 24"x44" (RAIL, 3/2" AFF. UNO) PROVIDE WITH 5 MULTI-COLOR MARKERS & DRY ERASER - 1 PER MARKERBOARD
- 2A. TACKBOARD - 6'x4'4" (BOT. 3/2" AFF. UNO)
- 3A. INTERACTIVE FLAT PANEL (FP) DISPLAY, BY OWNER
4. HVAC UNIT (SEE MECHANICAL)
5. UTILITY SHELF/MOP HOLDER (MTD W/ TOP OF UNIT 12" AFF.) SEE DETAIL X/A21
6. NOT USED
7. HI-LOW ELECTRIC WATER COOLER WITH BOTTLE FILL (ADA COMPLIANT)
8. NOT USED.
9. COMPUTER TABLES, BY OWNER. (SEE ELEC/COM1 FOR POWER DATA)
10. SHELVEYS, BY OWNER

- NOTES:**
1. - SEE INDEX SHEET WALL TYPES LEGEND FOR ALL WALL RATINGS
  2. - SEE FLOOR PLANS FOR FIRE EXTINGUISHER TYPES & LOCATIONS

## FINISH SCHEDULE

- CEILING**
1. ACOUSTIC CEILING TILE SYSTEM (ACT)
  2. EGGSHELL ENAMEL PAINTED GYPSUM WALL BOARD
  3. EPOXY PAINTED GYPSUM WALLBOARD
  4. NOT USED
  5. PAINTED EXPOSED STRUCTURE
- FLOORS**
1. LVT
  2. CARPET
  3. CERAMIC TILE
  4. NOT USED
  5. SEALED CONCRETE
  6. NOT USED

- BASE**
1. VINYL BASE
  2. NOT USED
  3. CERAMIC TILE
  4. NOT USED
- FINISHES KEY**
- | SPACE NAME        | REMARKS |
|-------------------|---------|
| CLG / CLG HT      |         |
| FLR / BASE / WALL |         |

- WALLS**
1. EGGSHELL ENAMEL PAINTED CMU
  2. EGGSHELL ENAMEL PAINTED GUB
  3. CERAMIC TILE ON GMS & MR GUB AT PLUMBING WALLS, EPOXY PAINTED WALLBOARD OR CMU ELSEWHERE
  4. EPOXY PAINTED GUB
  5. NOT USED

- REMARKS**
1. PROVIDE CONT. 3/4" SOUND BATTS IN GMS PARTITIONS AND ABOVE FINISH CEILING.
  2. PROVIDE CONT. 3/4" SOUND BATTS ABOVE FINISH CEILING
  3. PROVIDE 1/2" PAINTED FLYWOOD BACKBOARD - COORD W/ ELECTRICAL
  4. NOT USED

## GENERAL NOTES

1. SEE SHEET A21 FOR ENLARGED TOILET PLANS
2. SEE SHEETS A111 FOR STAIR DETAILS
3. SEE SHEETS A112 FOR ELEVATOR DETAILS
4. ALL DIMENSION STRINGS AT EXTERIOR WALLS ARE TO EXTERIOR FACE OF CMU, UNLESS NOTED OTHERWISE.
5. REFER TO SPECIFICATIONS, WALL TYPE SCHEDULE ON INDEX SHEET FOR SPECIFIC WALL CONSTRUCTION REQUIREMENTS AND COMPONENTS, INCLUDING TYPES OF WALL BOARD REQUIRED.
6. PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS IN GUB WALLS. SEE DETAIL V/A101
7. PROVIDE HORIZONTAL BLINDS AT EXTERIOR WINDOWS.
8. PROVIDE MR TILE BACKER-BOARD AT PLUMBING WALL PARTITIONS.

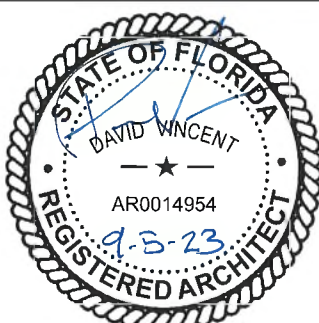
## REVISIONS

NO.	DESCRIPTION	DRAWN	CHECKED	DATE

## PHASE

SCHEMATIC DESIGN	DRAWN	CHECKED	DATE
50% PROGRESS DOCUMENTS			01/07/23
CONSTRUCTION DOCUMENTS			03/21/23
BID DOCUMENTS			03/09/23

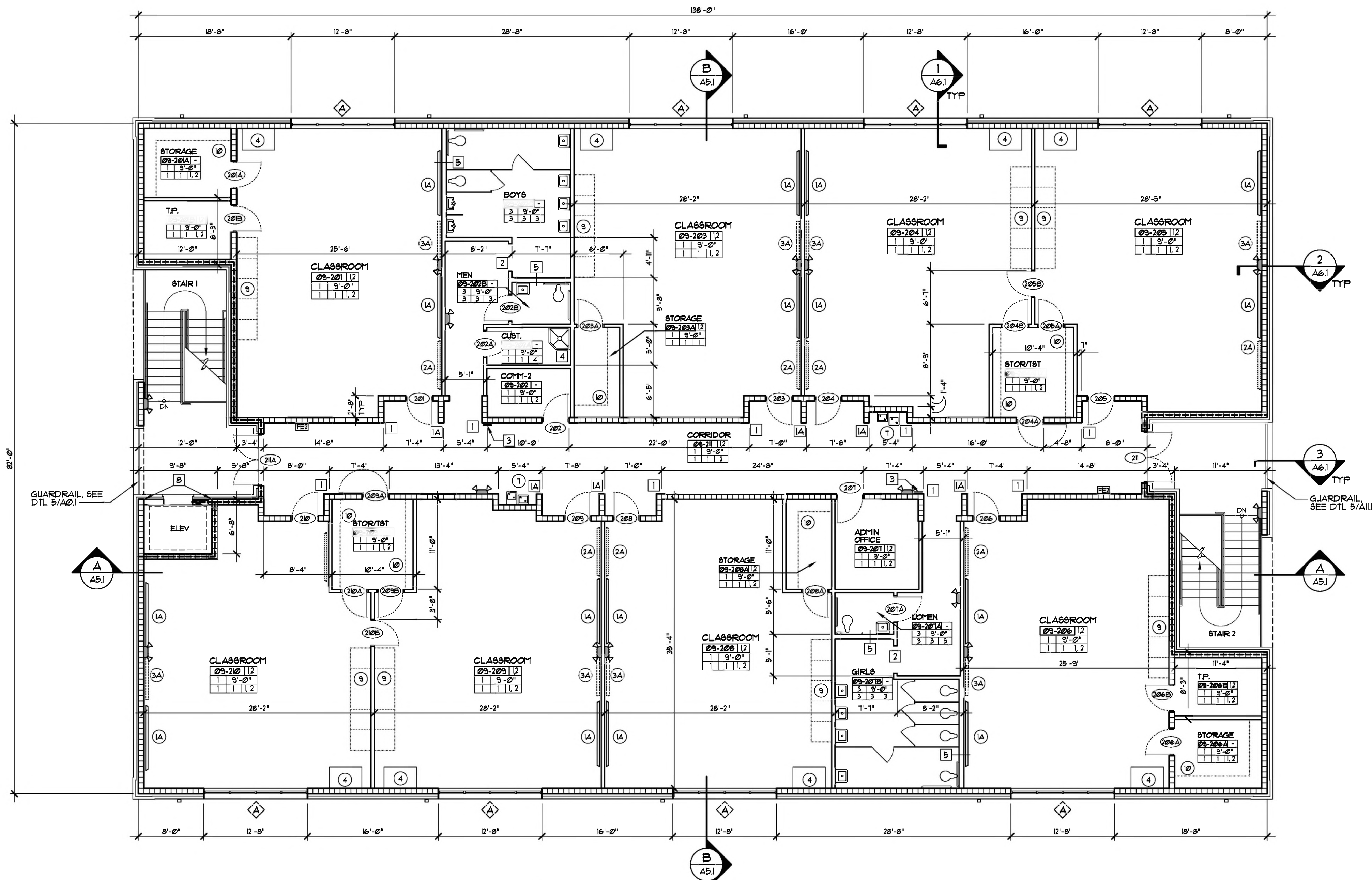
**JRA** 2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
ARCHITECTS PHONE: (850) 236-9832  
Commission Number: 22828



PROJECT:  
**BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

SHEET TITLE:  
**2nd FLOOR  
FLOOR PLAN**

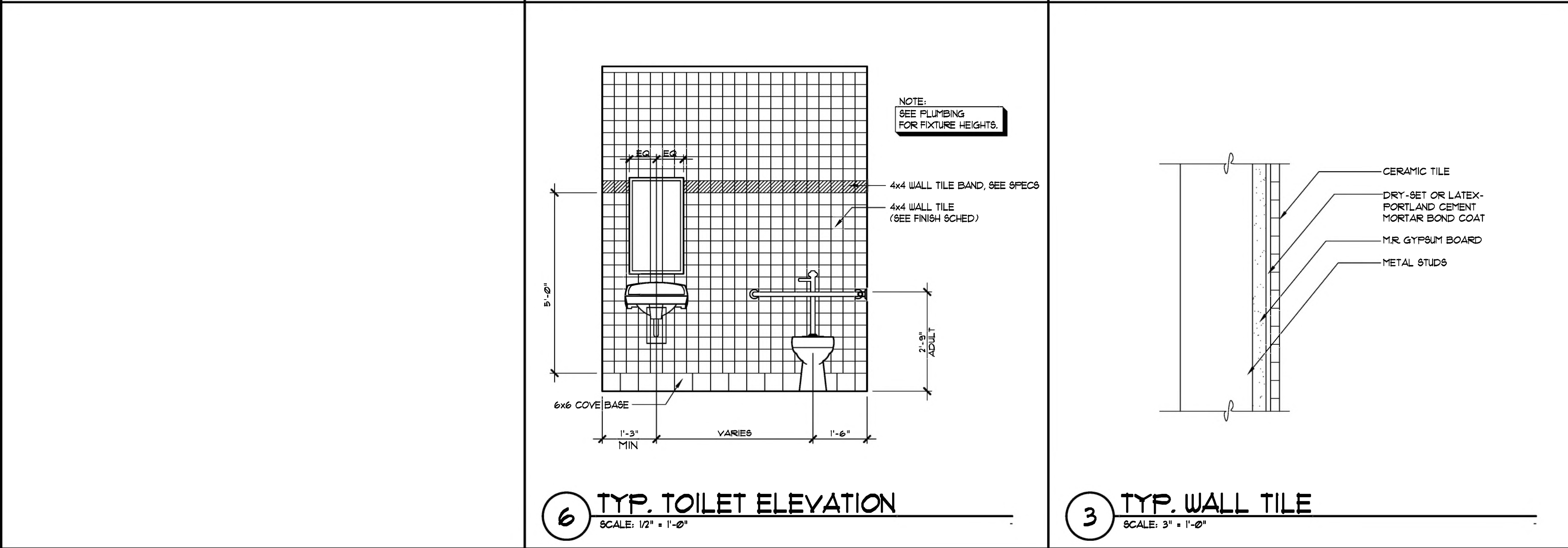
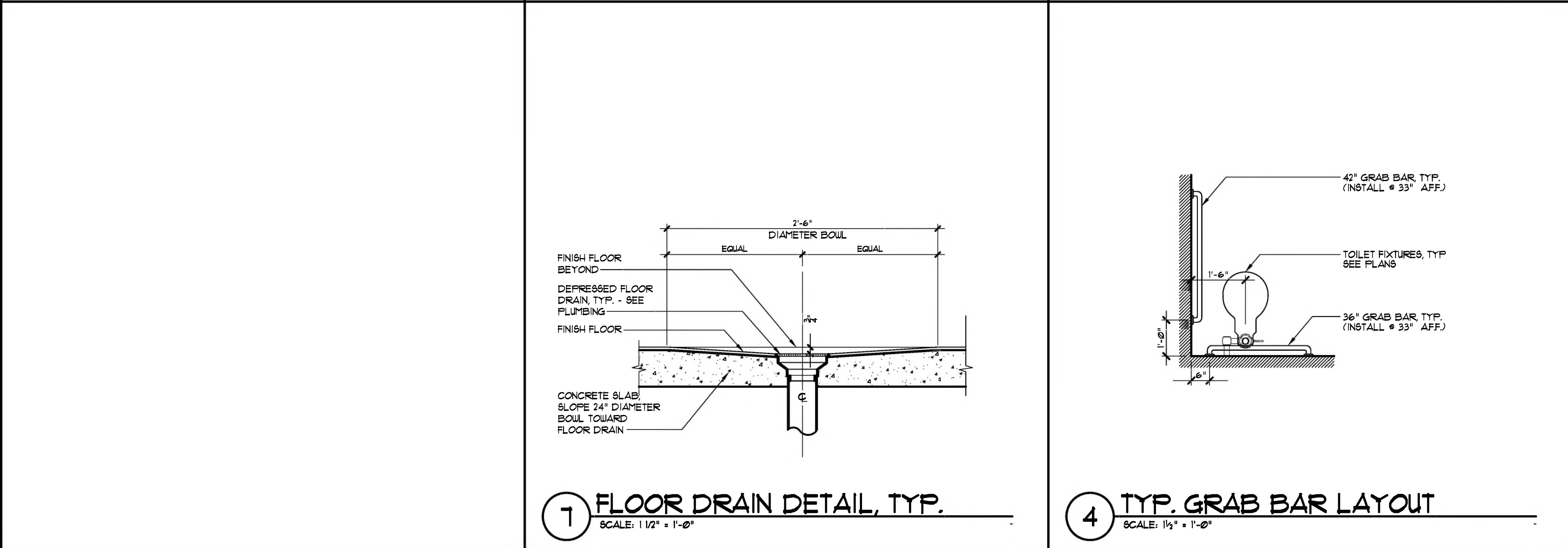
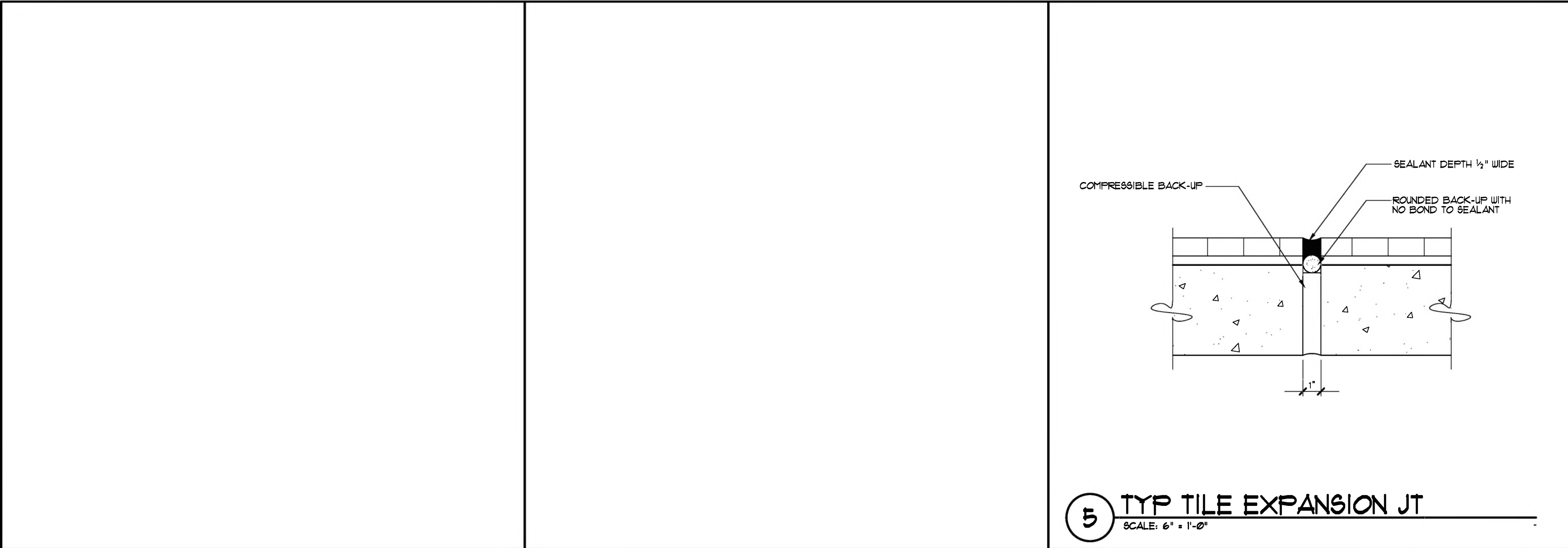
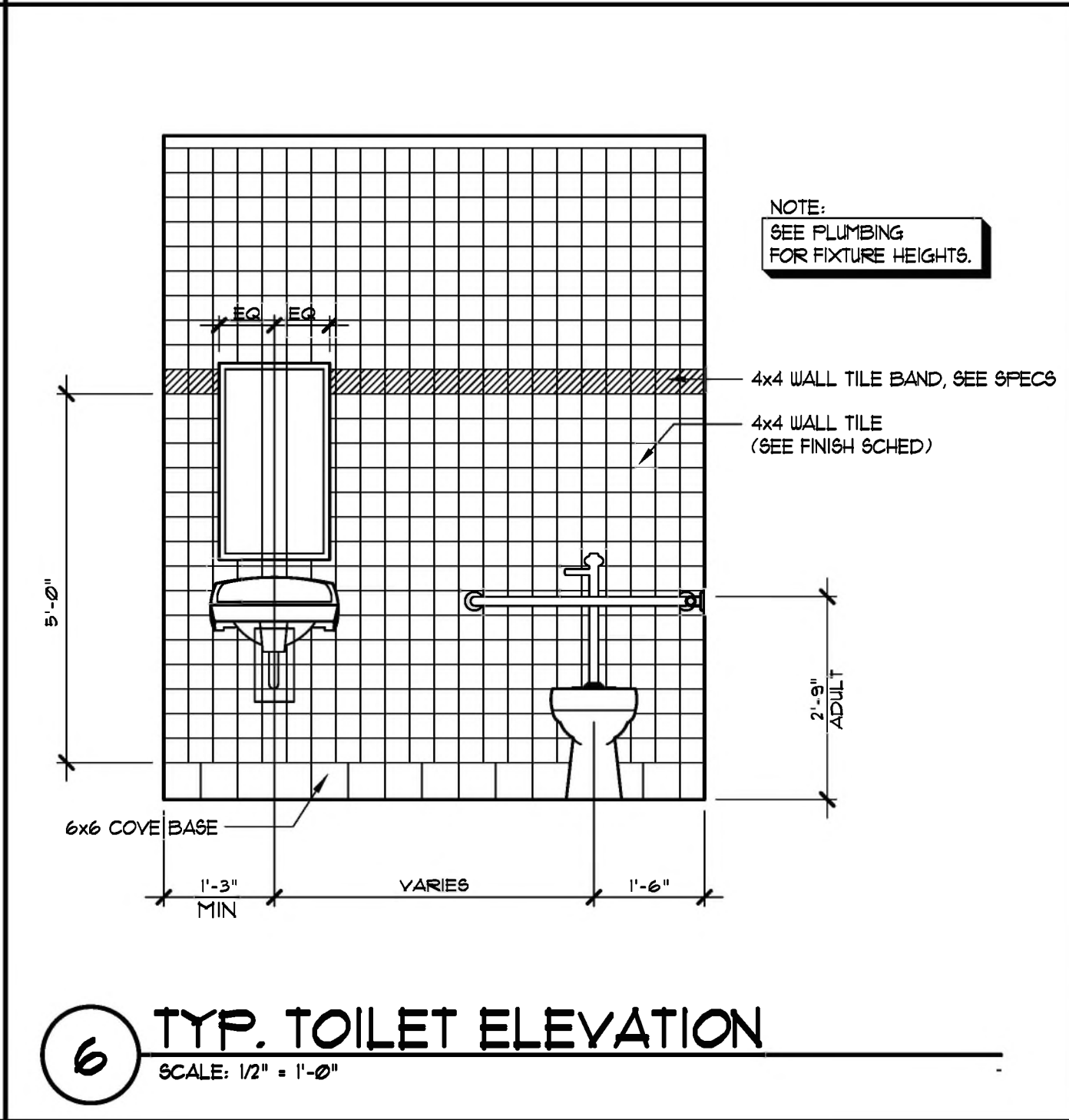
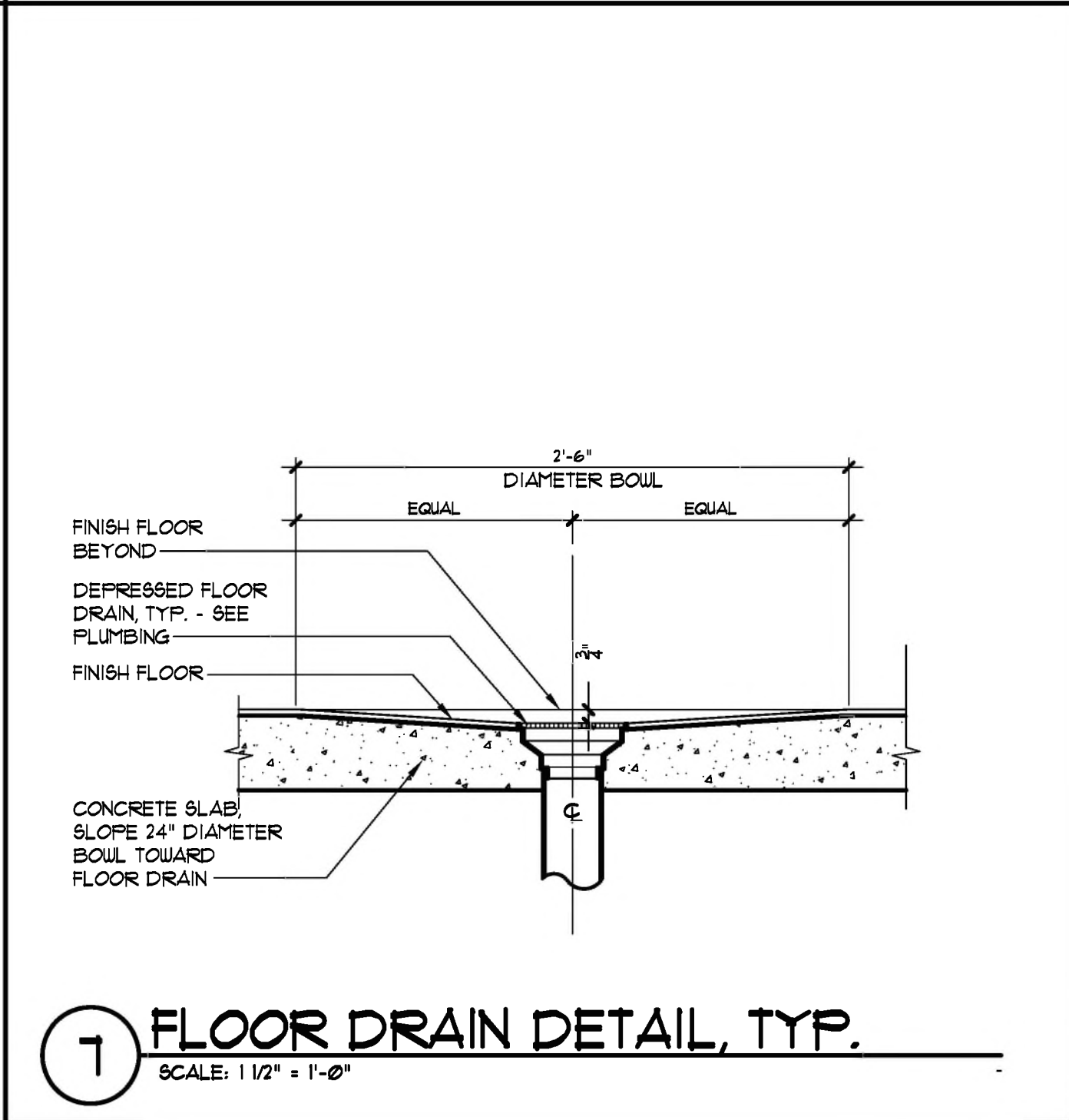
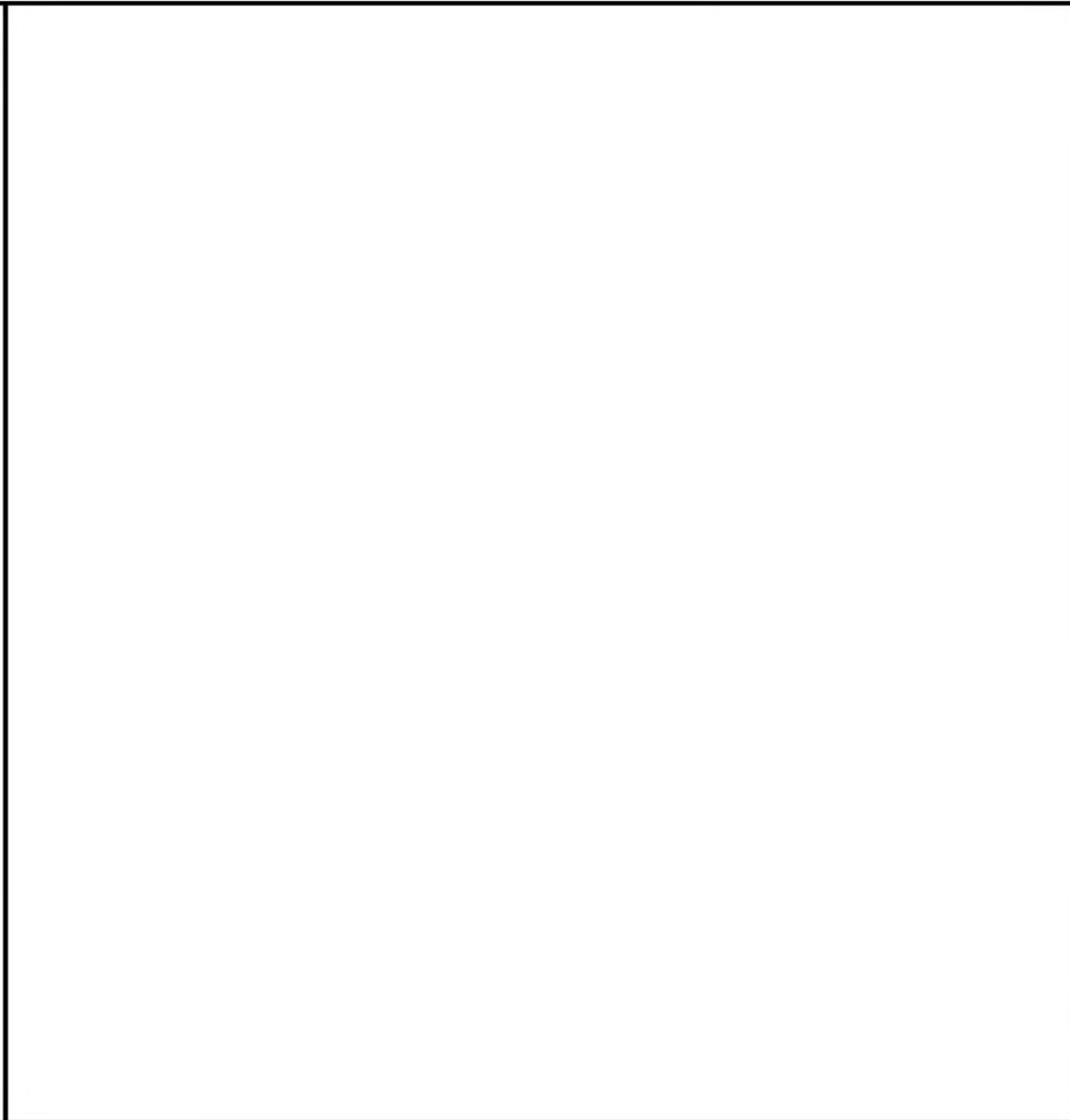
SHEET NUMBER:  
**A1.2**



**SECOND FLOOR PLAN**  
SCALE: 1/8" = 1'-0"

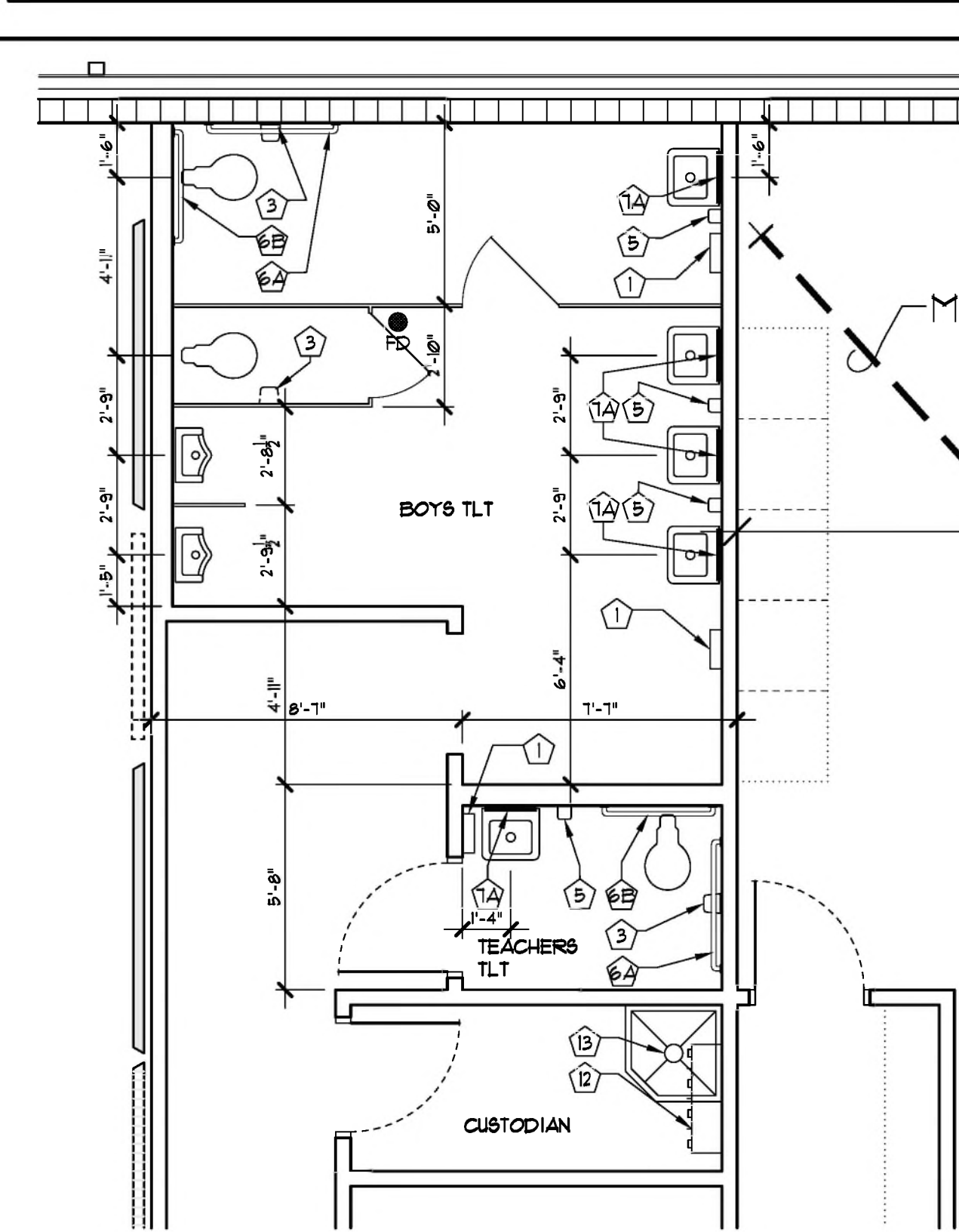
(10604 GSF)



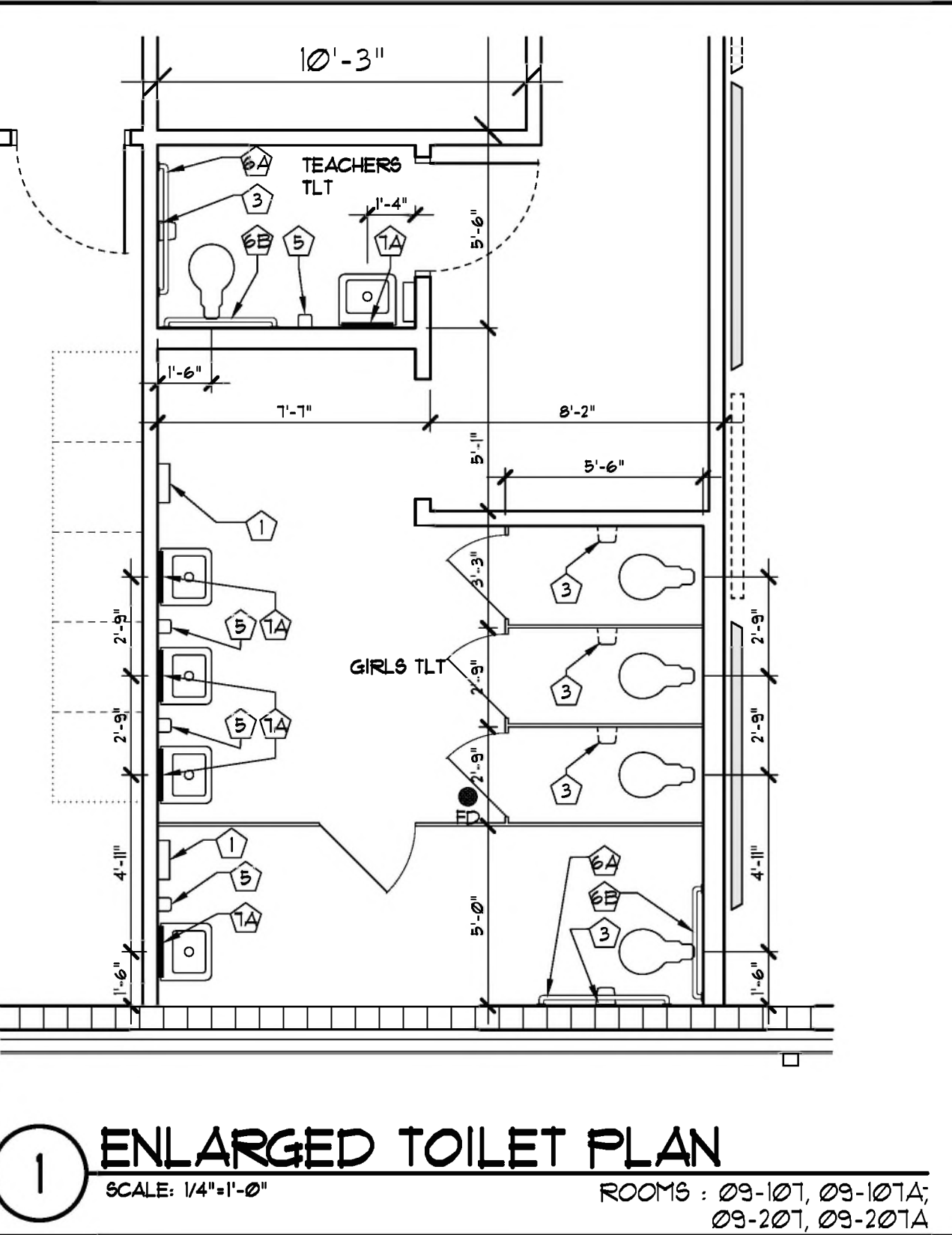


TOILET ACCESSORY SCHEDULE		
MARK	ITEM DESCRIPTION	MOUNTING HEIGHTS* (ABOVE FIN FLR)
1	SURFACE MTD. PAPER TOWEL DISPENSER	46" TO OUTLET
2	NOT USED	-
3	SURFACE MTD. TOILET TISSUE DISPENSER	40" TO OUTLET
4	NOT USED	-
5	SURFACE MTD. SOAP DISPENSER	44" BOT. OF UNIT
6A	GRAB BAR - 3'-6"L x 1-1/2" DIA	33" (TOP OF BAR)
6B	GRAB BAR - 3'-0"L x 1-1/2" DIA	33" (TOP OF BAR)
1A	FIXED MIRROR 18"W x 36"H	39" BOT. OF UNIT
1B	NOT USED	-
12	SHELF W/ MOP RAIL (SEE FLOOR PLANS)	60" TOP OF SHELF
13	MOP SINK	-
15	NOT USED	-

\* ALL ACCESSORIES SHALL BE PROVIDED AND INSTALLED IN COMPLIANCE WITH THE CURRENT EDITION OF THE FLORIDA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION



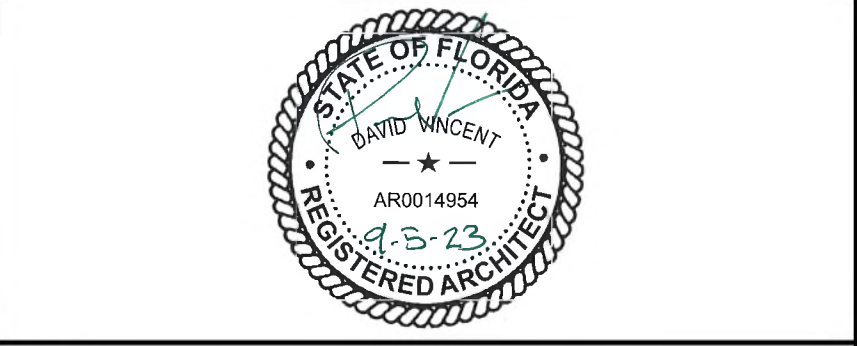
2 ENLARGED TOILET PLAN  
SCALE: 1/4" = 1'-0"  
ROOMS : 03-102, 03-102A, 03-102C, 03-202, 03-202A, 03-202C



1 ENLARGED TOILET PLAN  
SCALE: 1/4" = 1'-0"  
ROOMS : 03-101, 03-101A, 03-201, 03-201A

REVISIONS			
NO.	DESCRIPTION	DRAWN	CHECKED
PHASE			
NO.	DESCRIPTION	DRAWN	CHECKED

JRA ARCHITECTS  
2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
PHONE: (850) 236-9832  
Commission Number: 22828

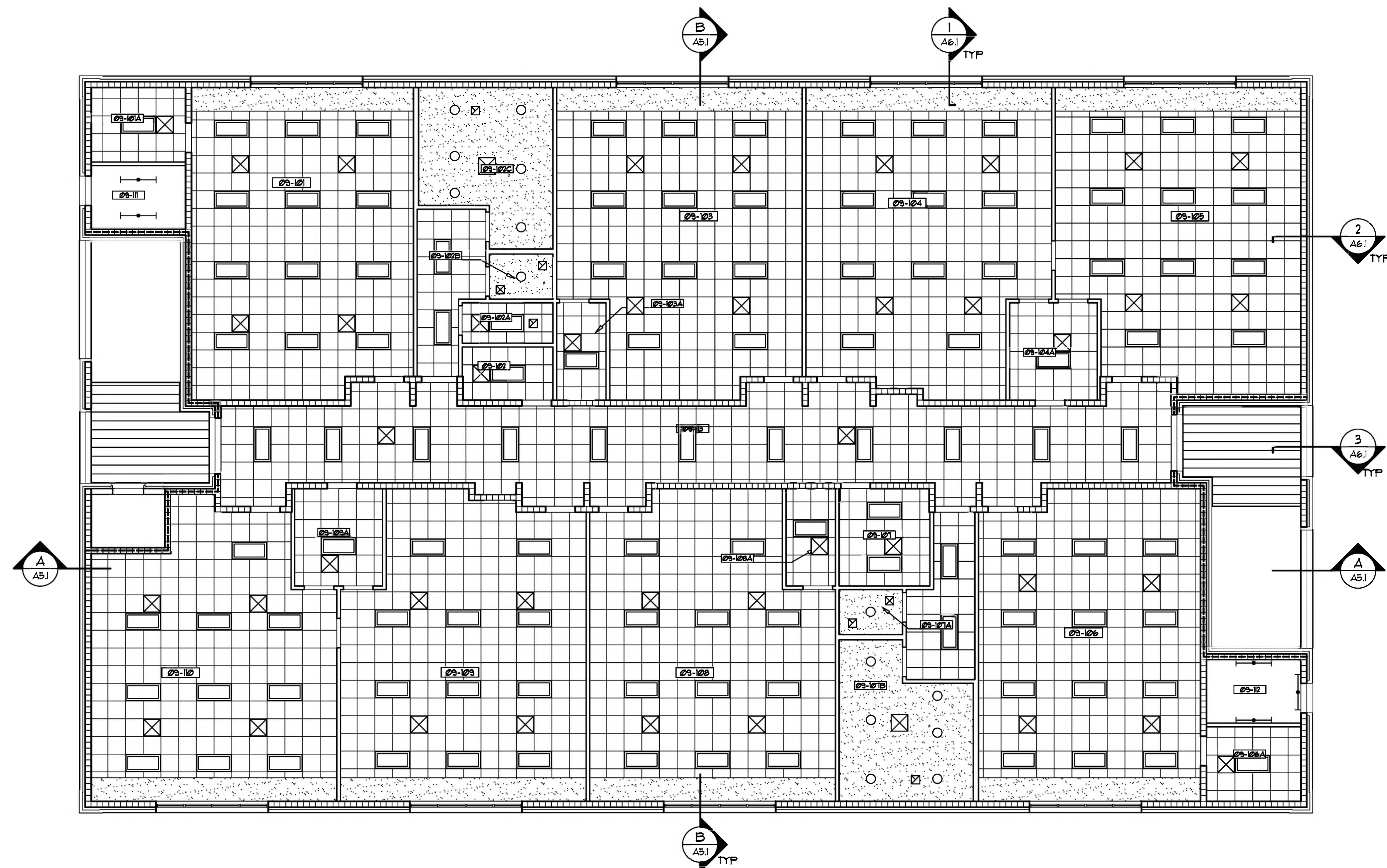


PROJECT:  
BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION  
LYNN HAVEN, FLORIDA

SHEET TITLE:  
ENLARGED TOILET PLANS  
AND DETAILS












SHEET NUMBER:  
A2.1





 1st FLOOR - REFLECTED CEILING PLAN  
SCALE: 1/8" = 1'-0"

### SYMBOL LEGEND

-  2'x4' LED FIXTURE
-  2'x2' LED FIXTURE
-  6'x4' WALL MOUNTED LED FIXTURE
-  RECESSED LIGHT FIXTURE
-  WALL MOUNTED LIGHT FIXTURE
-  WALL MOUNTED EMERGENCY LIGHT
-  CEILING MOUNTED EMERGENCY LIGHT FIXTURE
-  EXIT LIGHT FIXTURE
-  SUPPLY AIR DUCT (SIZE VARIES)
-  RETURN OR OUTSIDE AIR DUCT (SIZE VARIES)
-  EXHAUST AIR DUCT (SIZE VARIES)

- 
- SUSPENDED 2'x2' ACOUSTIC CEILING SYSTEM
- SUSPENDED GYPSUM BOARD CEILING, BULKHEADS & SOFFITS. (SEE FIN. SCHEDULE PLANS & SPECS FOR GIB TYPE AND OTHER REQUIREMENTS).
- EXPOSED STRUCTURE
- METAL SOFFIT

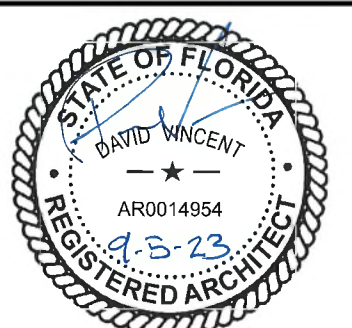
NOTES:

1. NOT ALL ITEMS MAY BE REQUIRED - SEE PLANS
2. SEE MECHANICAL, PLUMBING, ELECTRICAL AND FIRE-PROTECTION SHEETS FOR ADDITIONAL CEILING FIXTURES AND SYSTEMS INFORMATION
3. COORDINATE WITH ARCHITECT/ENGINEER WHERE FIXTURE OR DEVICE LOCATION SHOWN ON PLAN IS IN CONFLICT WITH LOCATION SHOWN ON M.E.P. APP PLANS.
4. PRIOR TO ROUGH-IN, COORDINATE WITH ARCHITECT/ENGINEER WHERE FIXTURE OR DEVICE LOCATION IS IN CONFLICT WITH ARCHITECTURAL FEATURES ETC.

## REVISIONS

[illegible]

PHASE	DRAWN	CHECKED	DATE
SCHEMATIC DESIGN	MM	MM	12/15/22
50% PROGRESS DOCUMENTS			01/10/23
CONSTRUCTION DOCUMENTS			03/21/23
BID DOCUMENTS			03/05/23



PROJECT:

**BAY HAVEN CHARTER ACADEMY**  
**CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

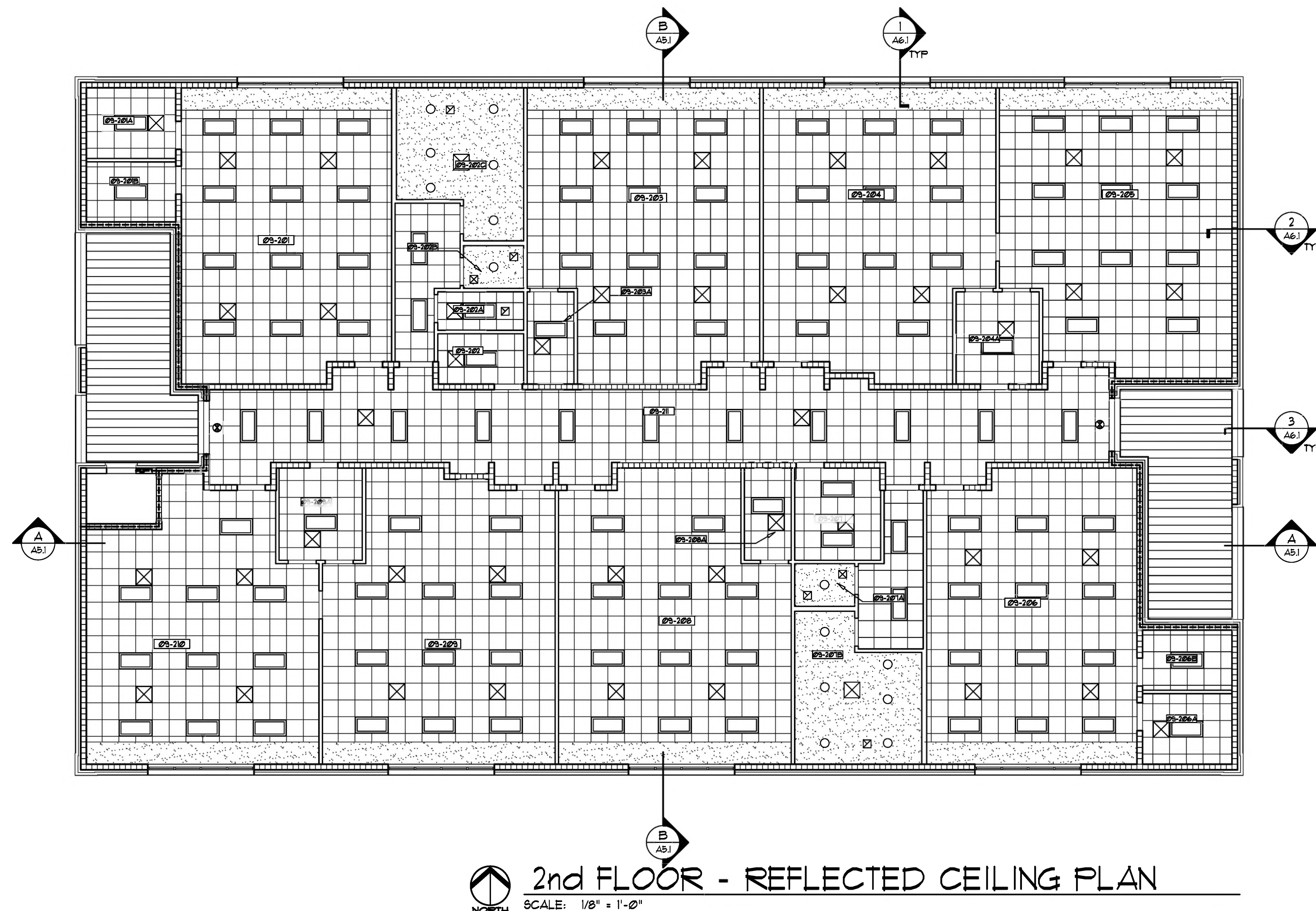
**SHEET TITLE:**

1st FLOOR  
REFLECTED CEILING PLAN












SHEET NUMBER:

### A3.1





### SYMBOL LEGEND

-  2'x4' LED FIXTURE
-  2'x2' LED FIXTURE
-  6'x4' WALL MOUNTED LED FIXTURE
-  RECESSED LIGHT FIXTURE
-  WALL MOUNTED LIGHT FIXTURE
-  WALL MOUNTED EMERGENCY LIGHT
-  CEILING MOUNTED EMERGENCY LIGHT FIXTURE
-  EXIT LIGHT FIXTURE
-  SUPPLY AIR DUCT (SIZE VARIES)
-  RETURN OR OUTSIDE AIR DUCT (SIZE VARIES)
-  EXHAUST AIR DUCT (SIZE VARIES)

- SUSPENDED 2'x2' ACOUSTIC CEILING TILE SYSTEM

SUSPENDED GYPSUM BOARD CEILING, BULKHEADS, 4 SOFFITS (SEE FIN SCHEDULE PLANS 4 SPECs FOR GUB TYPE AND OTHER REQUIREMENTS).

EXPOSED STRUCTURE

METAL SOFFIT

NOTES:

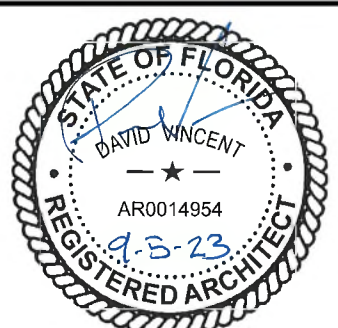
1. NOT ALL ITEMS MAY BE REQUIRED - SEE PLANS
2. SEE MECHANICAL, PLUMBING, ELECTRICAL AND FIRE-PROTECTION SCHEDULES FOR ADDITIONAL CEILING FIXTURES AND SYSTEMS INFORMATION.
3. COORDINATE WITH ARCHITECT/ENGINEER WHERE FIXTURE OR DEVICE LOCATION ON THIS PLANS IS IN CONFLICT WITH LOCATION SHOWN ON M.E.P. 4 FP PLANS.
4. PRIOR TO ROUGH-IN, COORDINATE WITH ARCHITECT/ENGINEER WHERE FIXTURE OR DEVICE LOCATION IS IN CONFLICT WITH ARCHITECTURAL FEATURES ETC.

## REVISIONS

NO.	DESCRIPTION	DRAIN	CHECKED	DATE
<b>PHASE</b>		<b>DRAIN</b>	<b>CHECKED</b>	<b>DATE</b>
SCHEMATIC DESIGN		MFN	MFN	12/15/22
50% PROGRESS DOCUMENTS				02/07/23
CONSTRUCTION DOCUMENTS				03/12/23
BID DOCUMENTS				03/05/23

**JRA**  
ARCHITECTS

2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
PHONE: (850) 236-9832  
Commission Number: 22828



PROJECT:

**BAY HAVEN CHARTER ACADEMY**  
**CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

**SHEET TITLE:**

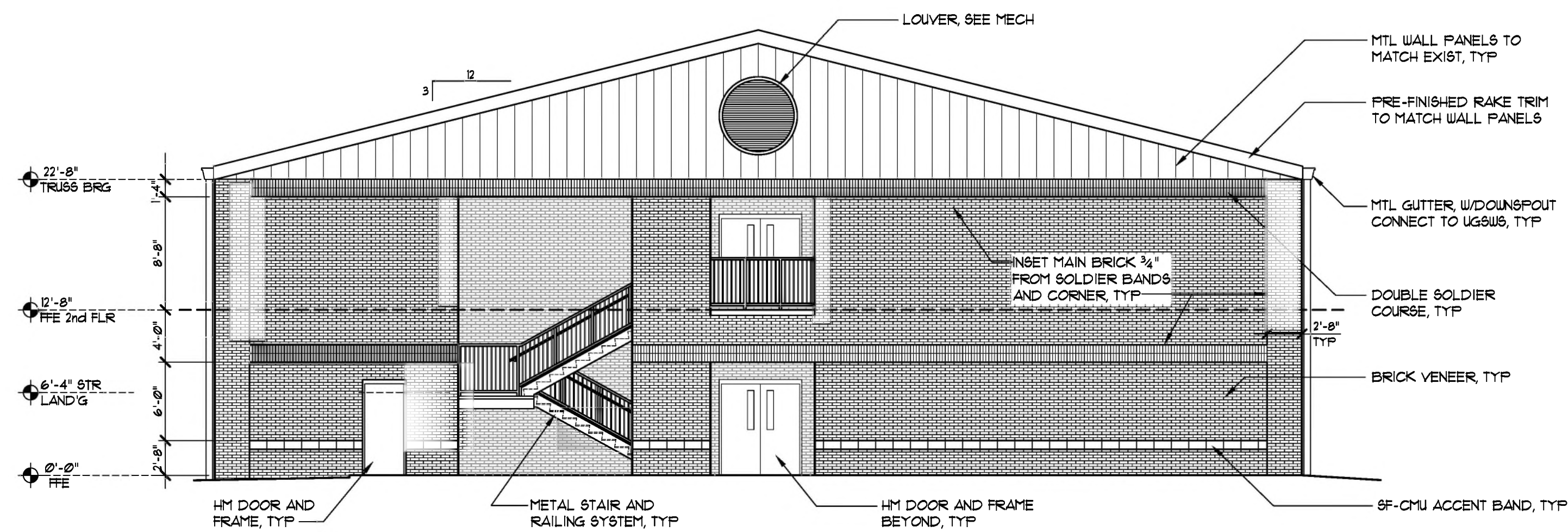
2nd FLOOR  
REFLECTED CEILING PLAN

**SHEET NUMBER:**

43.2



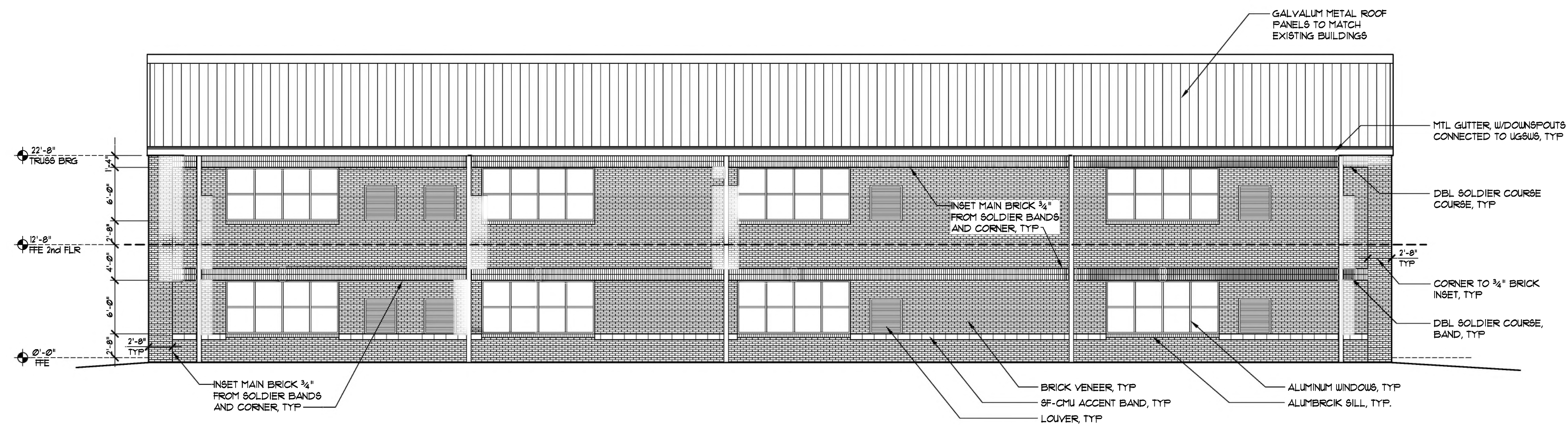
J:\22828 - Bay Haven Classroom\A4 - Exterior Elev.dwg, 9/6/2023 11:32:11 AM, Thinker-PC, Adobe PDF, 1:1



## WEST ELEVATION

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

SLB



## NORTH ELEVATION

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

SLB/MFN

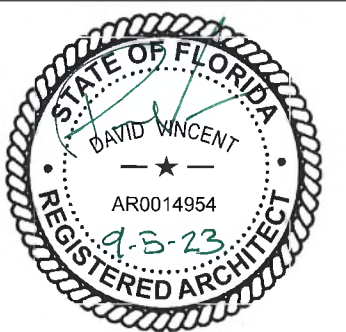
### REVISIONS

NO.	DESCRIPTION	DRAWN	CHECKED	DATE

### PHASE

PHASE	DRAWN	CHECKED	DATE
SCHEMATIC DESIGN	AM	MFN	12/15/22
50% PROGRESS DOCUMENTS			01/07/23
CONSTRUCTION DOCUMENTS			03/21/23
BID DOCUMENTS			03/09/23

**JRA ARCHITECTS** 2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
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Commission Number: 22828



### PROJECT:

**BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

### SHEET TITLE:

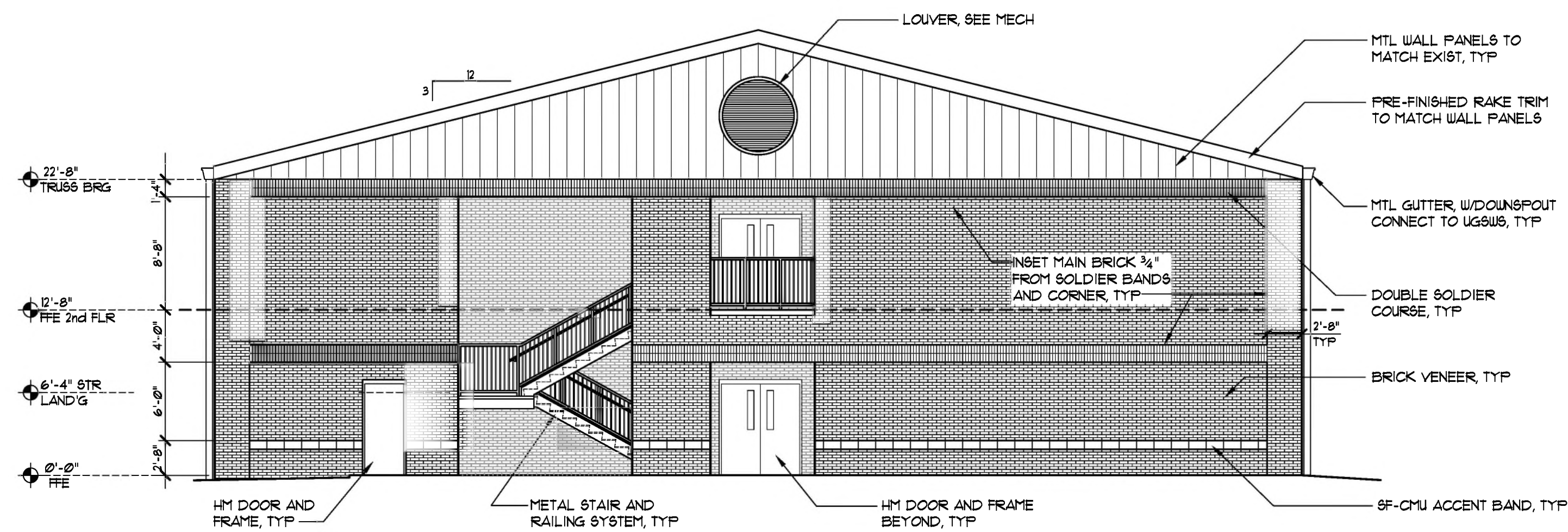
**EXTERIOR ELEVATIONS**

### SHEET NUMBER:

**A4.1**



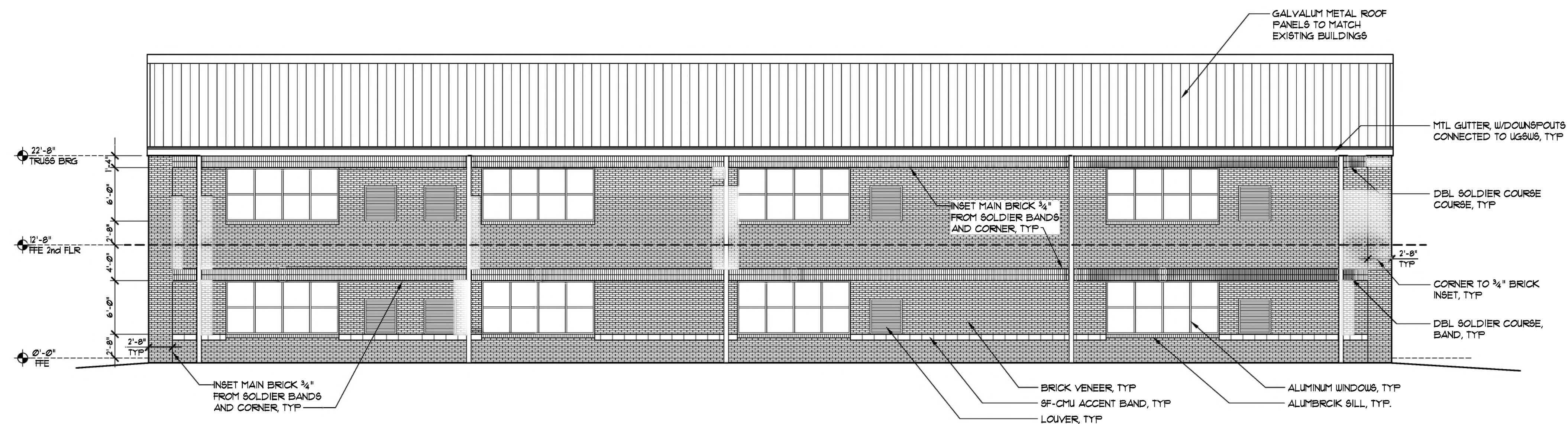
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## EAST ELEVATION

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

SLB



## SOUTH ELEVATION

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

SLB

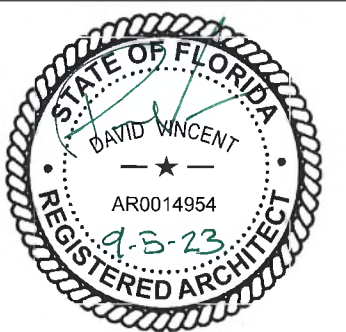
### REVISIONS

NO.	DESCRIPTION	DRAWN	CHECKED	DATE

### PHASE

PHASE	DRAWN	CHECKED	DATE
SCHEMATIC DESIGN	AM	MM	12/15/22
50% PROGRESS DOCUMENTS			01/07/23
CONSTRUCTION DOCUMENTS			03/21/23
BID DOCUMENTS			03/09/23

**JRA ARCHITECTS**  
2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
PHONE: (850) 236-9832  
Commission Number: 22828



### PROJECT:

**BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

### SHEET TITLE:

**EXTERIOR ELEVATIONS**

### SHEET NUMBER:

**A4.2**



22'-8"  
TRUSS BRG.

12'-8"  
SECOND FLOOR

8'-0"  
REF FIN FLR

CLASSROOM

CORRIDOR

CLASSROOM

CLASSROOM

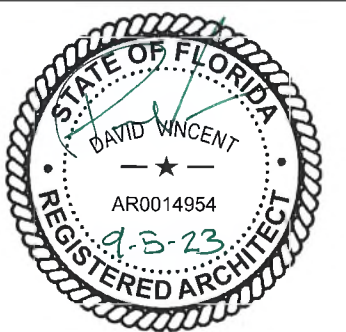
CORRIDOR

CLASSROOM

## REVISIONS

NO.	DESCRIPTION	DRAIN	CHECKED	DATE
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SCHEMATIC DESIGN		DG	MFN	12/15/22
50% PROGRESS DOCUMENTS		TH	MFN	01/07/23
CONSTRUCTION DOCUMENTS				03/21/23
BID DOCUMENTS				03/05/23

**JRA**  
ARCHITECTS  
2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
PHONE: (850) 236-9832  
Commission Number: 22828



PROJECT:

**BAY HAVEN CHARTER ACADEMY**  
**CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

**SHEET TITLE:**

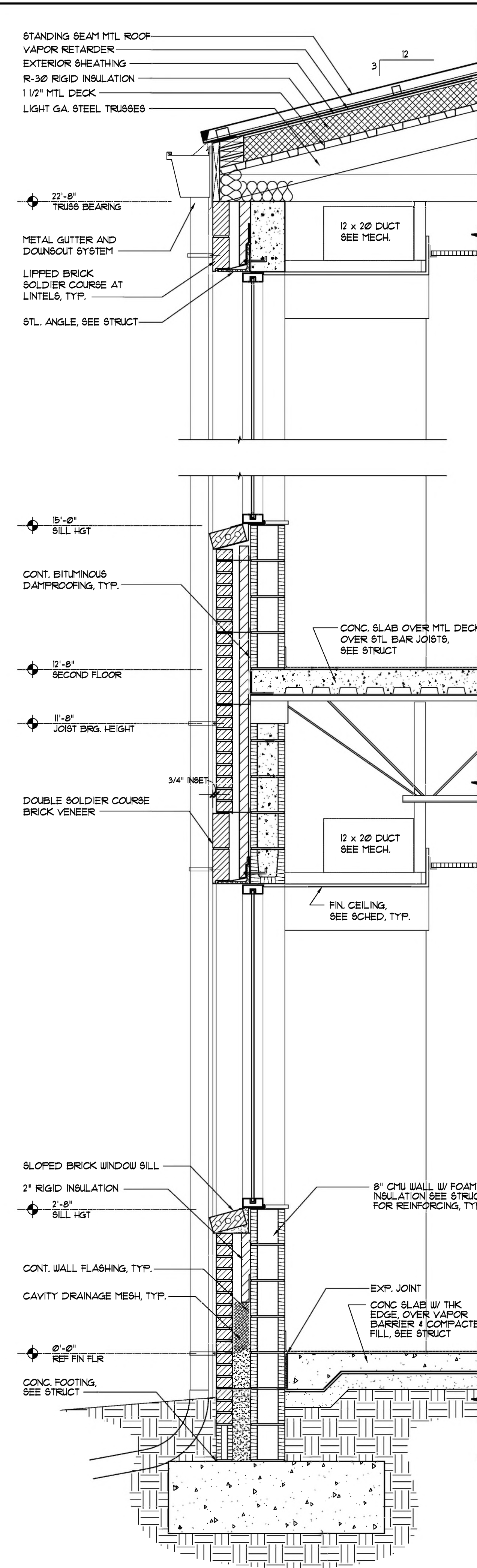
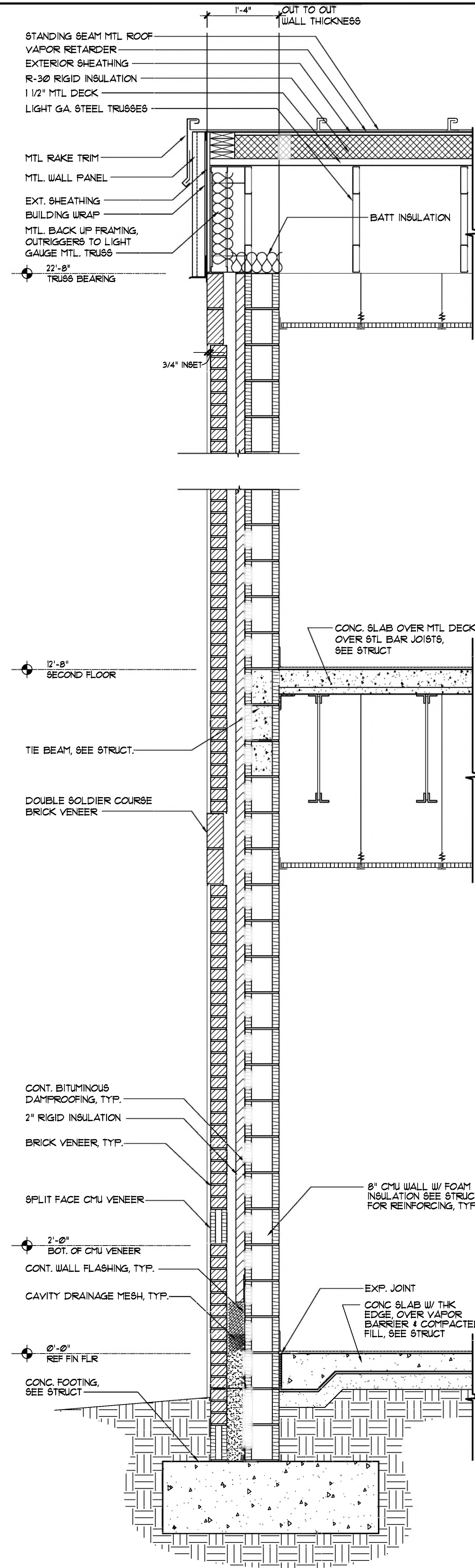
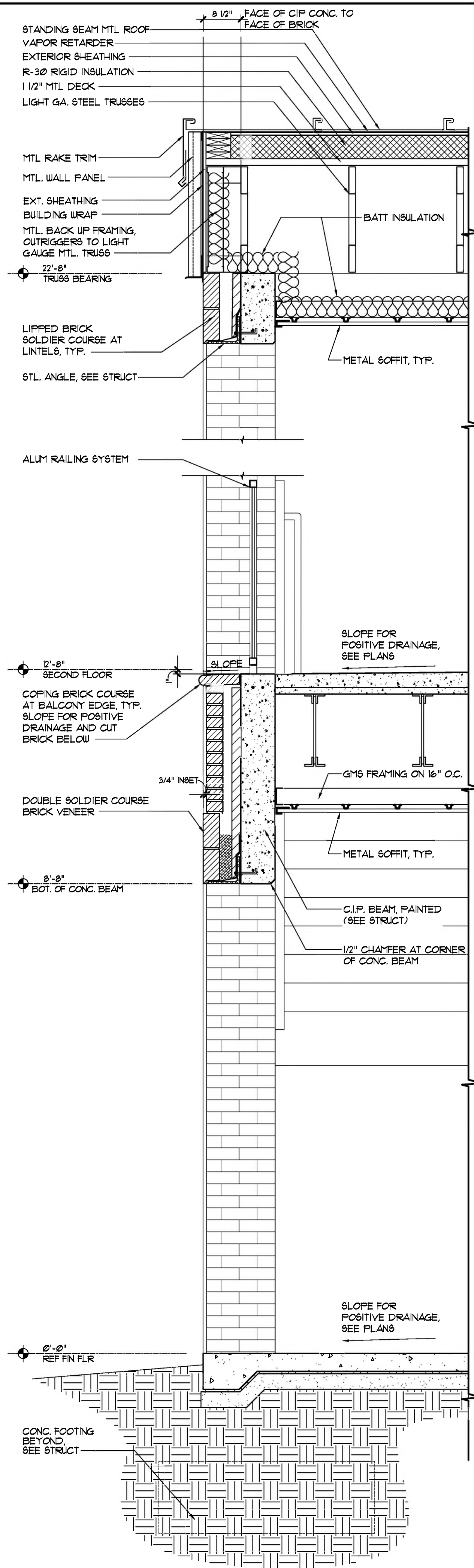
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A5.1

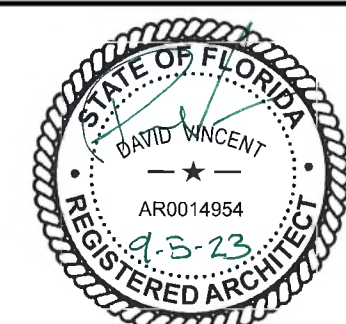


1/22/2020 - Bay Haven Classroom1A6x Wall Sections.dwg, 9/6/2023 11:52:09 AM, Tinkind-PC, Adobe PDF, 1:1



REVISIONS			
NO.	DESCRIPTION	DRAWN	CHECKED
PHASE			

**JRA** 2211 THOMAS DR., STE 100  
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Commission Number: 22828

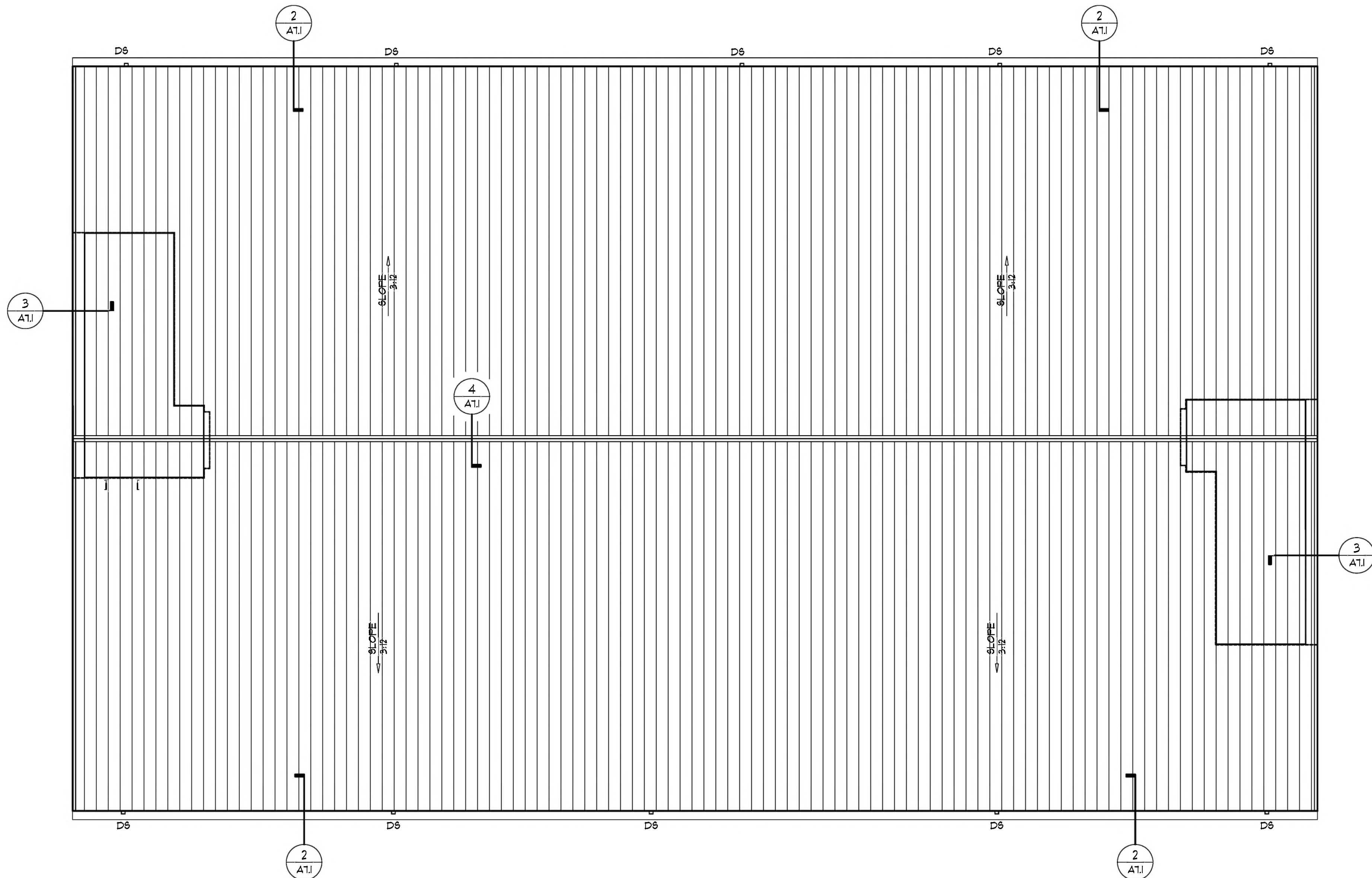
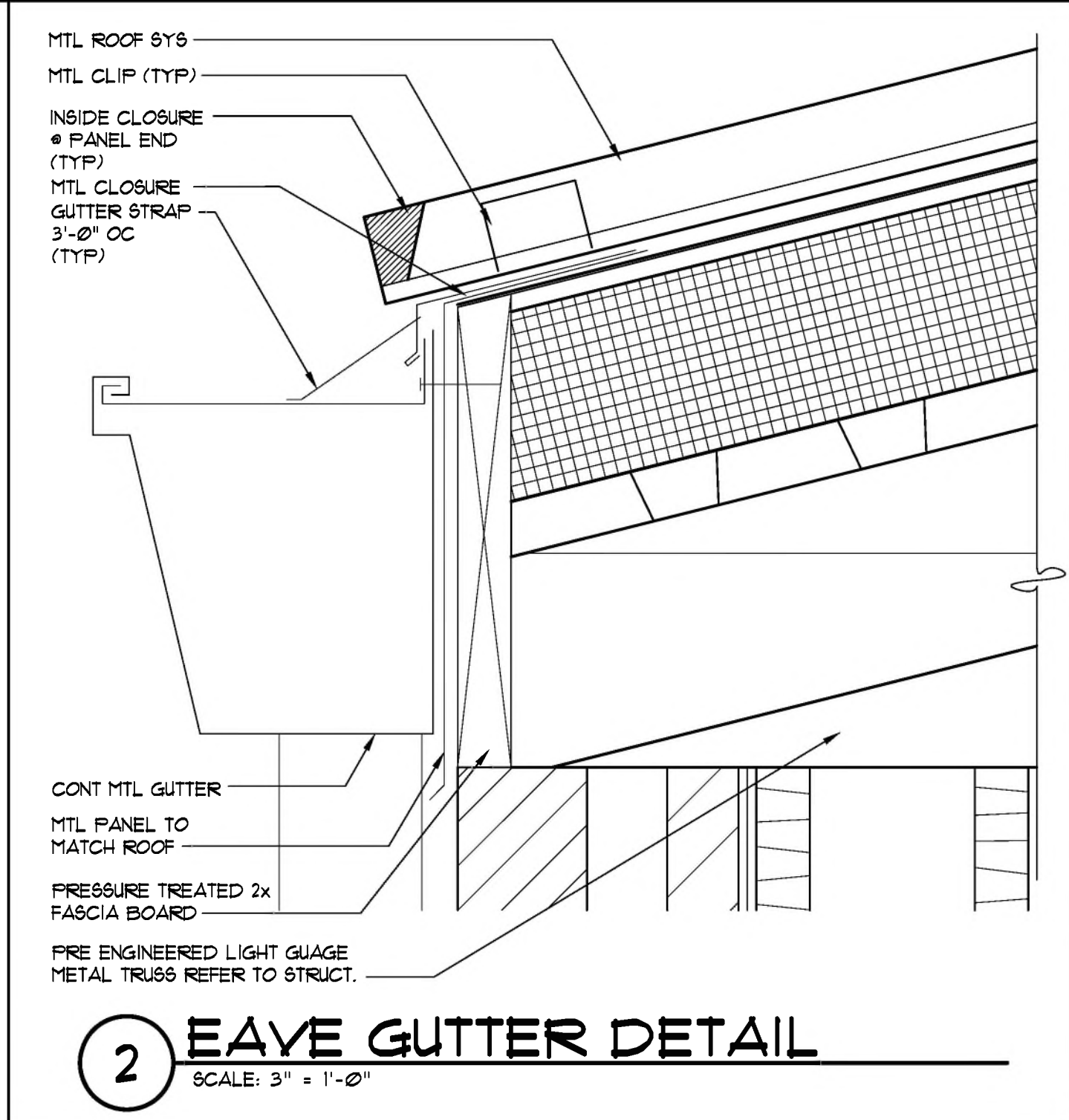
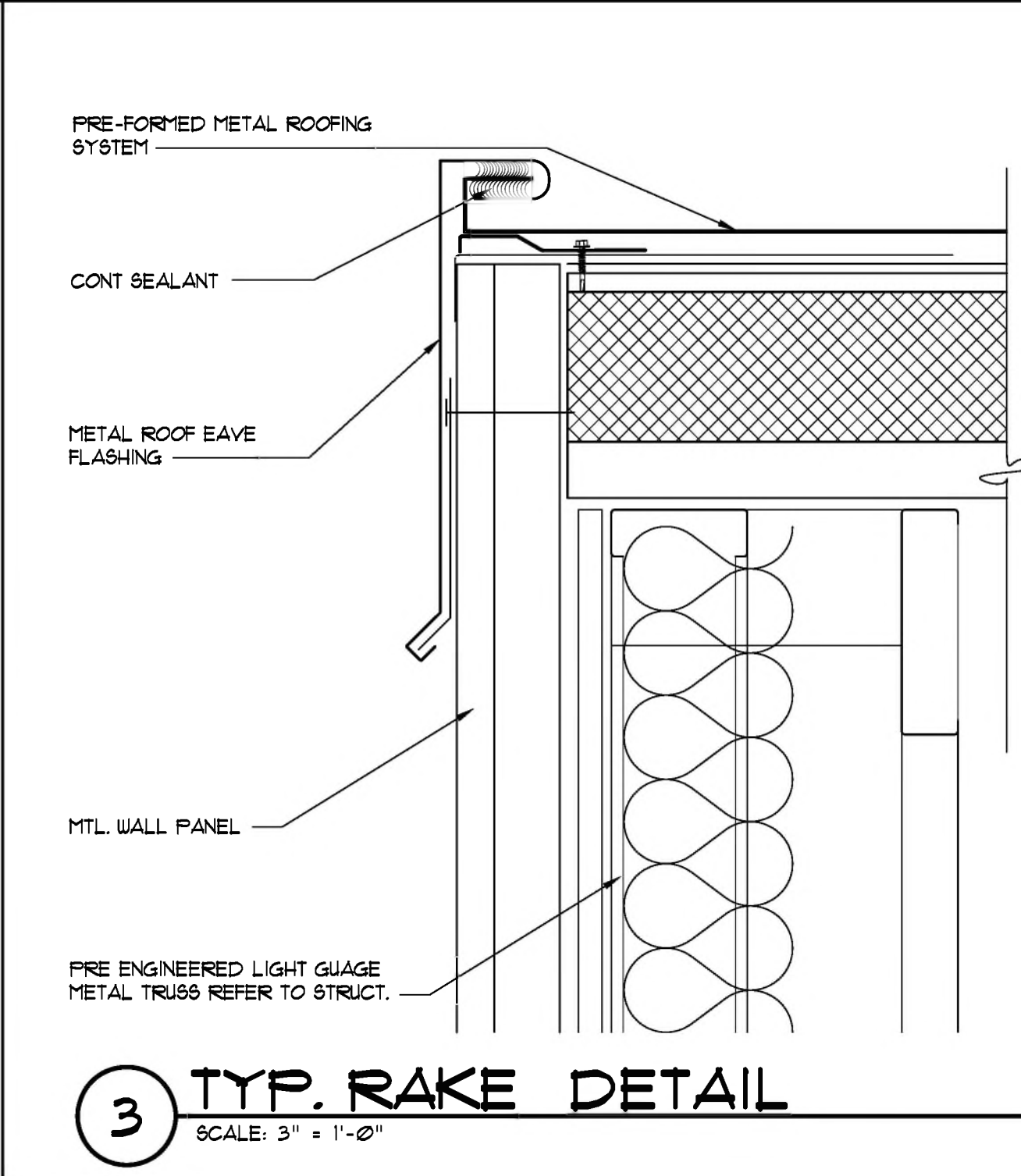
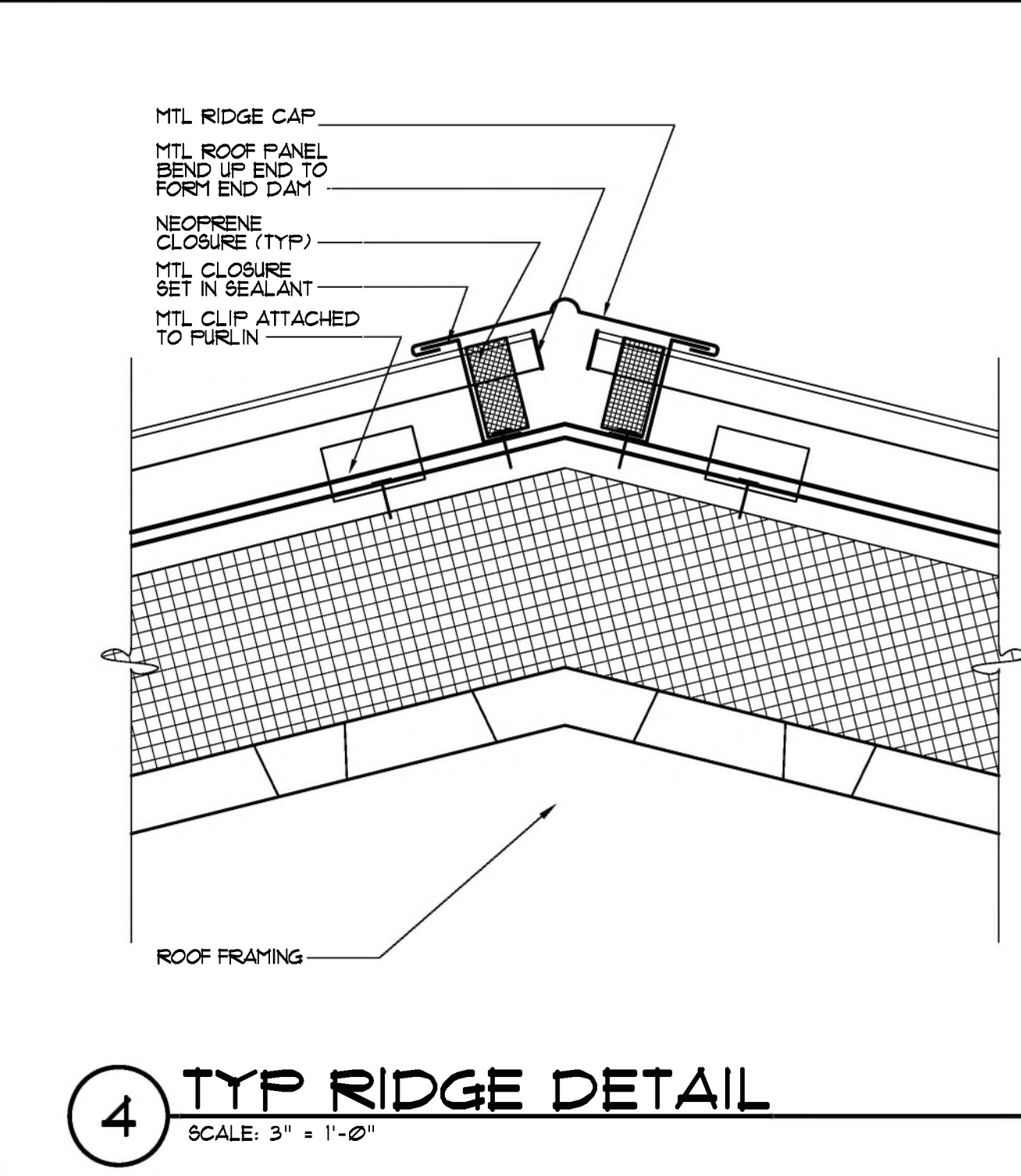
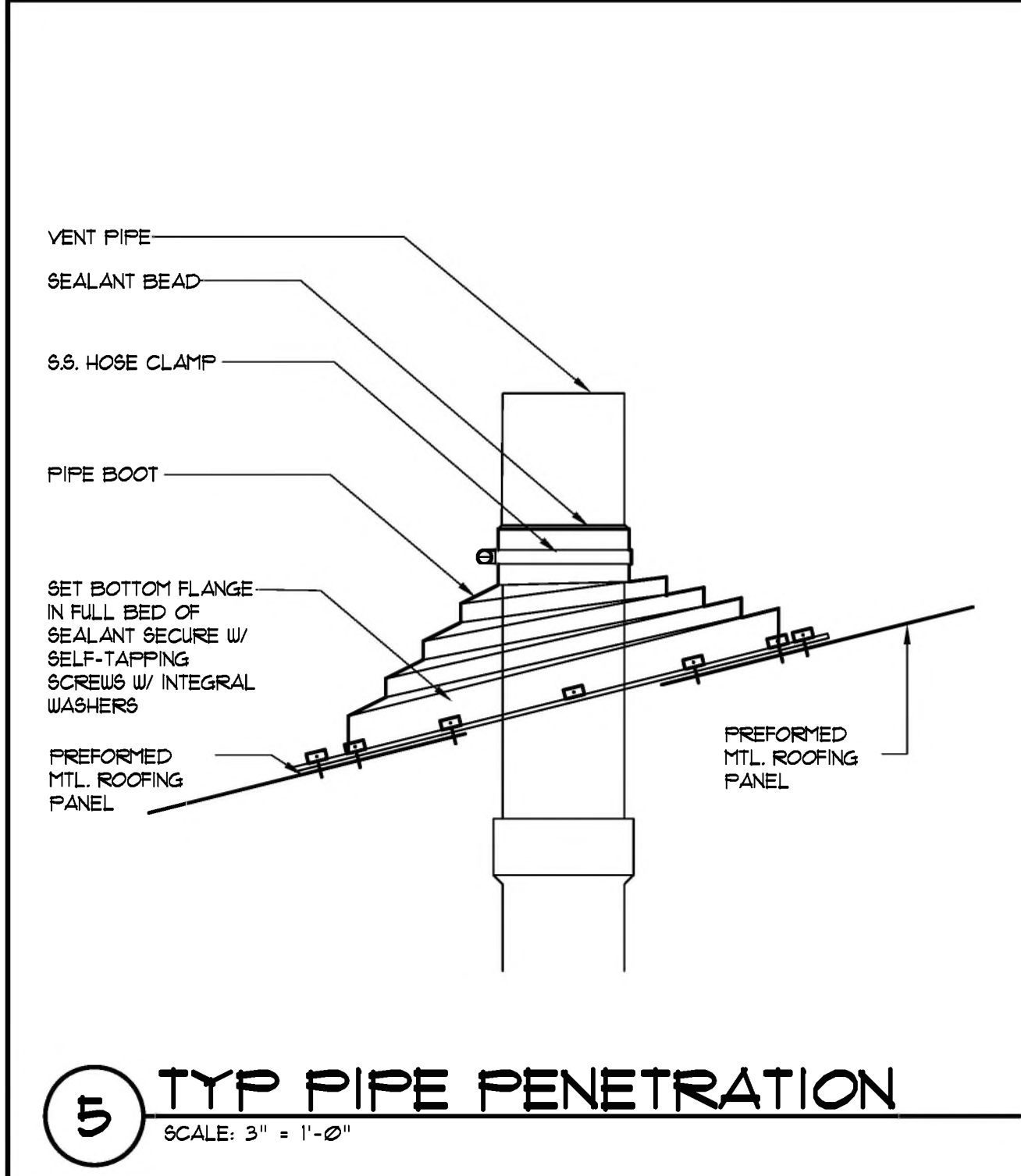


PROJECT:  
**BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

SHEET TITLE:  
**WALL SECTIONS**

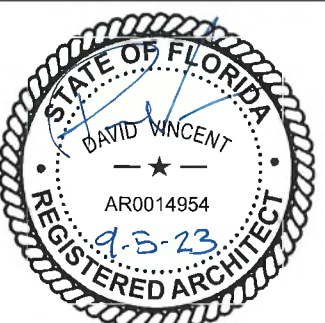
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REVISIONS				
NO.	DESCRIPTION	DRAWN	CHECKED	DATE
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50% PROGRESS DOCUMENTS				01/07/23
CONSTRUCTION DOCUMENTS				03/21/23
BID DOCUMENTS				03/09/23

**JRA ARCHITECTS** 2211 THOMAS DR., STE 100  
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Commission Number: 22828

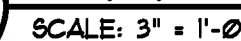
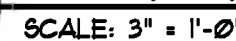
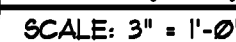
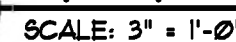


PROJECT:  
**BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

SHEET TITLE:  
**ROOF PLAN & DETAILS**

SHEET NUMBER:  
**A7.1**





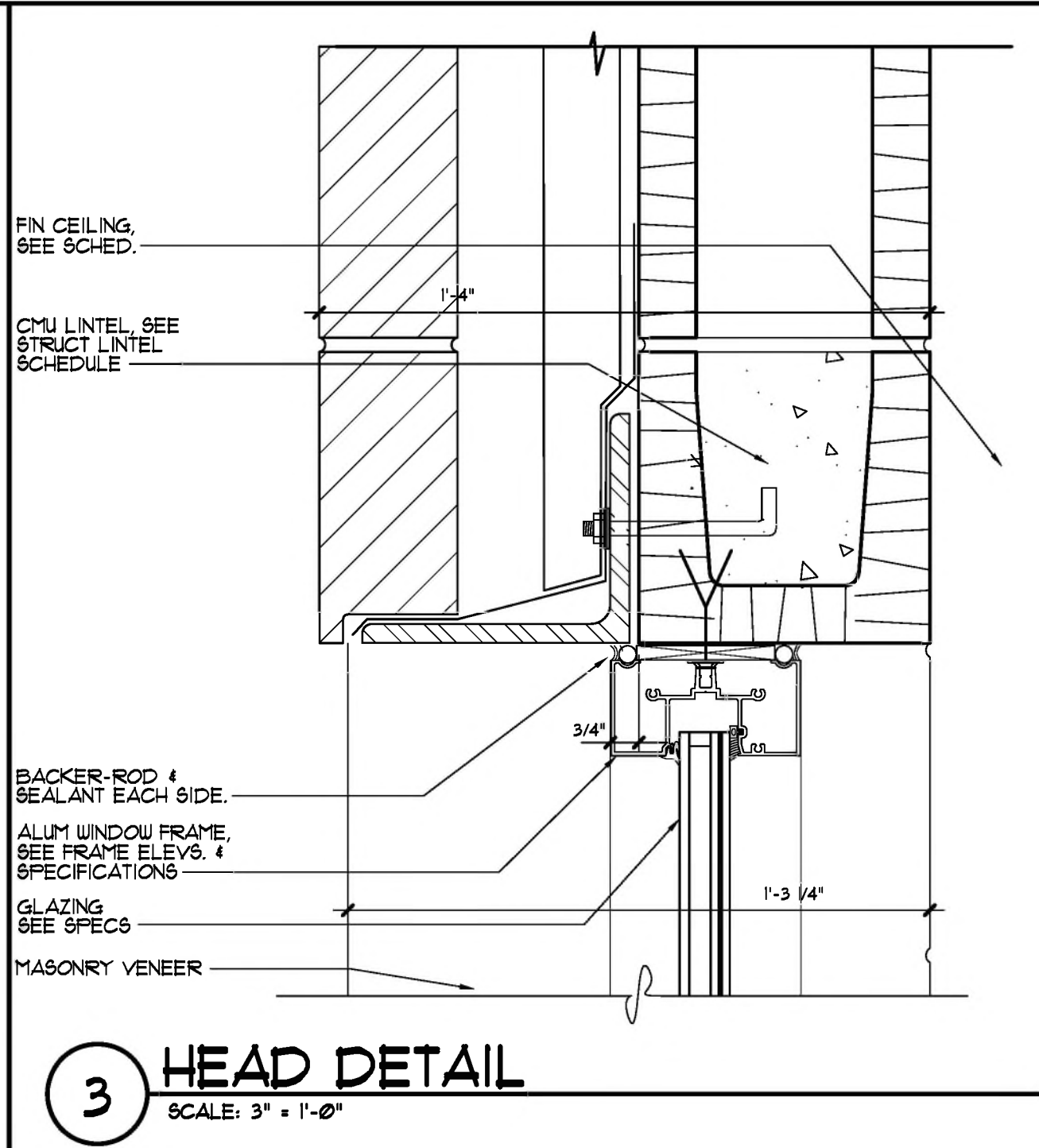
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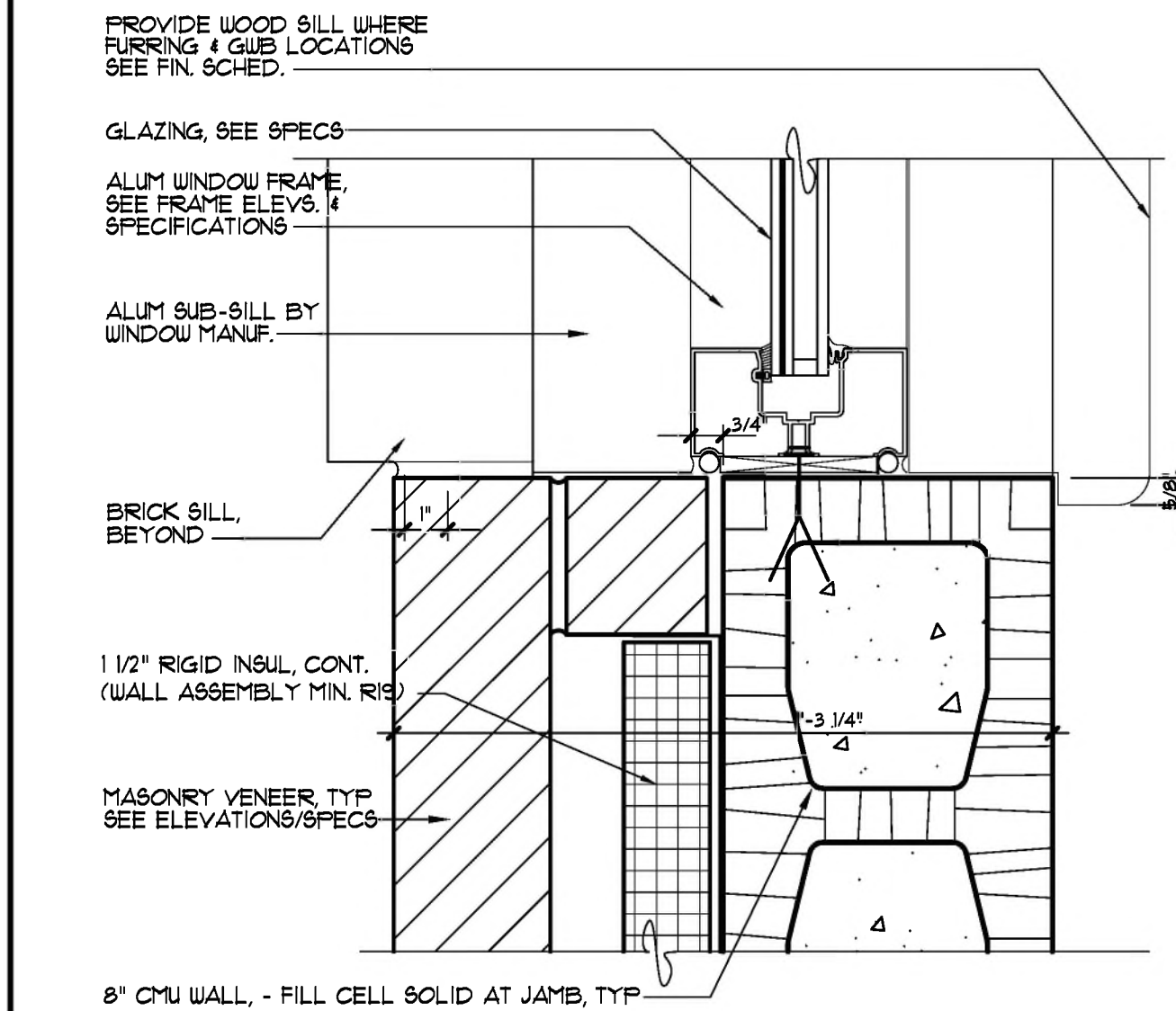
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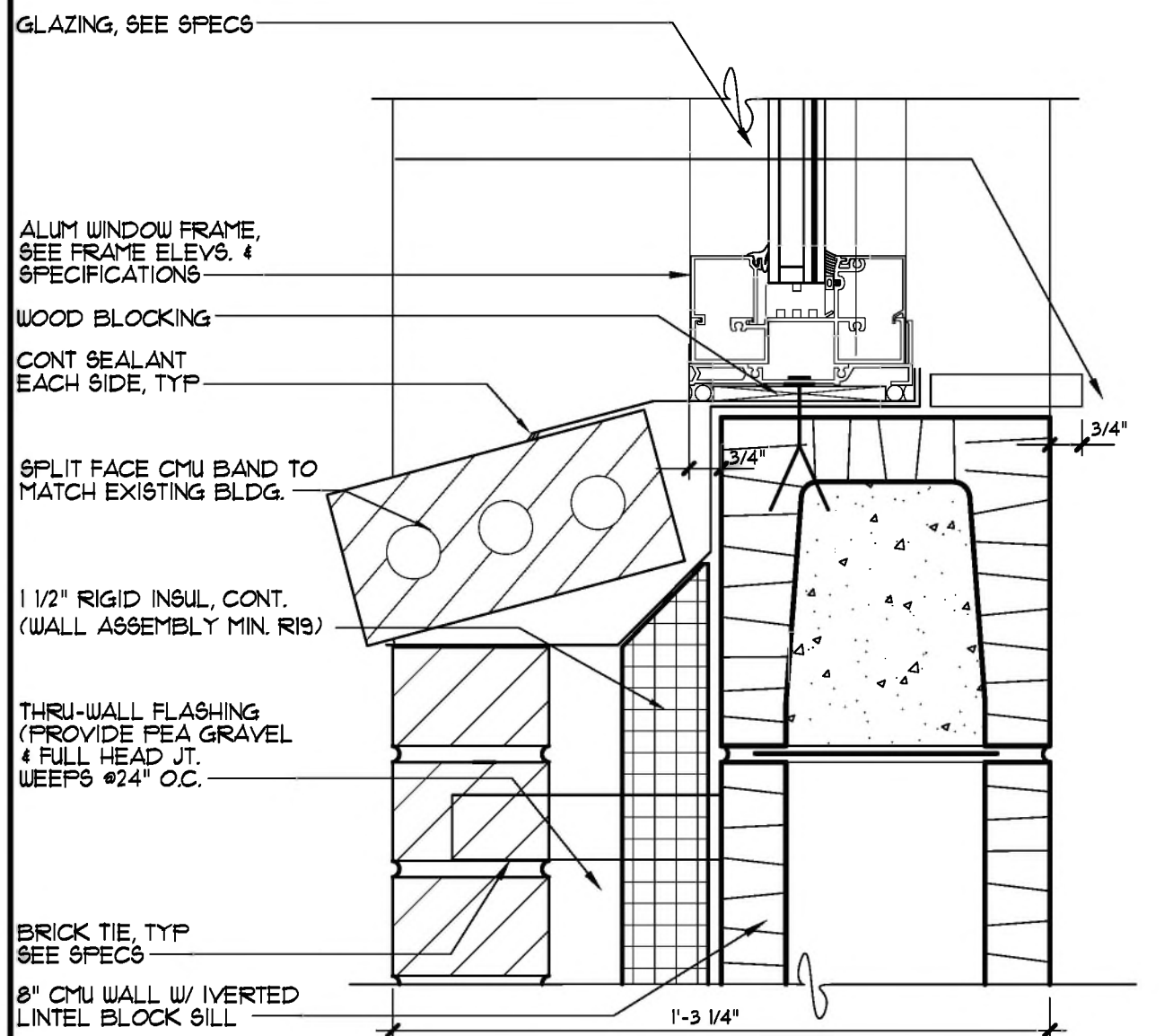
J:\22828 - Bay Haven Classroom\A91 Door Schedule and Frames.dwg, 9/6/2023 11:57:31 AM, Thinkiel-PC, Adobe PDF, 1:1



**3 HEAD DETAIL**  
SCALE: 3" = 1'-0"



**2 JAMB DETAIL**  
SCALE: 3" = 1'-0"



**1 SILL DETAIL**  
SCALE: 3" = 1'-0"

REVISIONS			
NO.	DESCRIPTION	DRAWN	CHECKED
PHASE			
		DRAWN	CHECKED
SCHEMATIC DESIGN		MFN	MFN
50% PROGRESS DOCUMENTS			
CONSTRUCTION DOCUMENTS			
BID DOCUMENTS			

**JRA ARCHITECTS** 2211 THOMAS DR., STE 100  
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PHONE: (850) 236-9832  
Commission Number: 22828

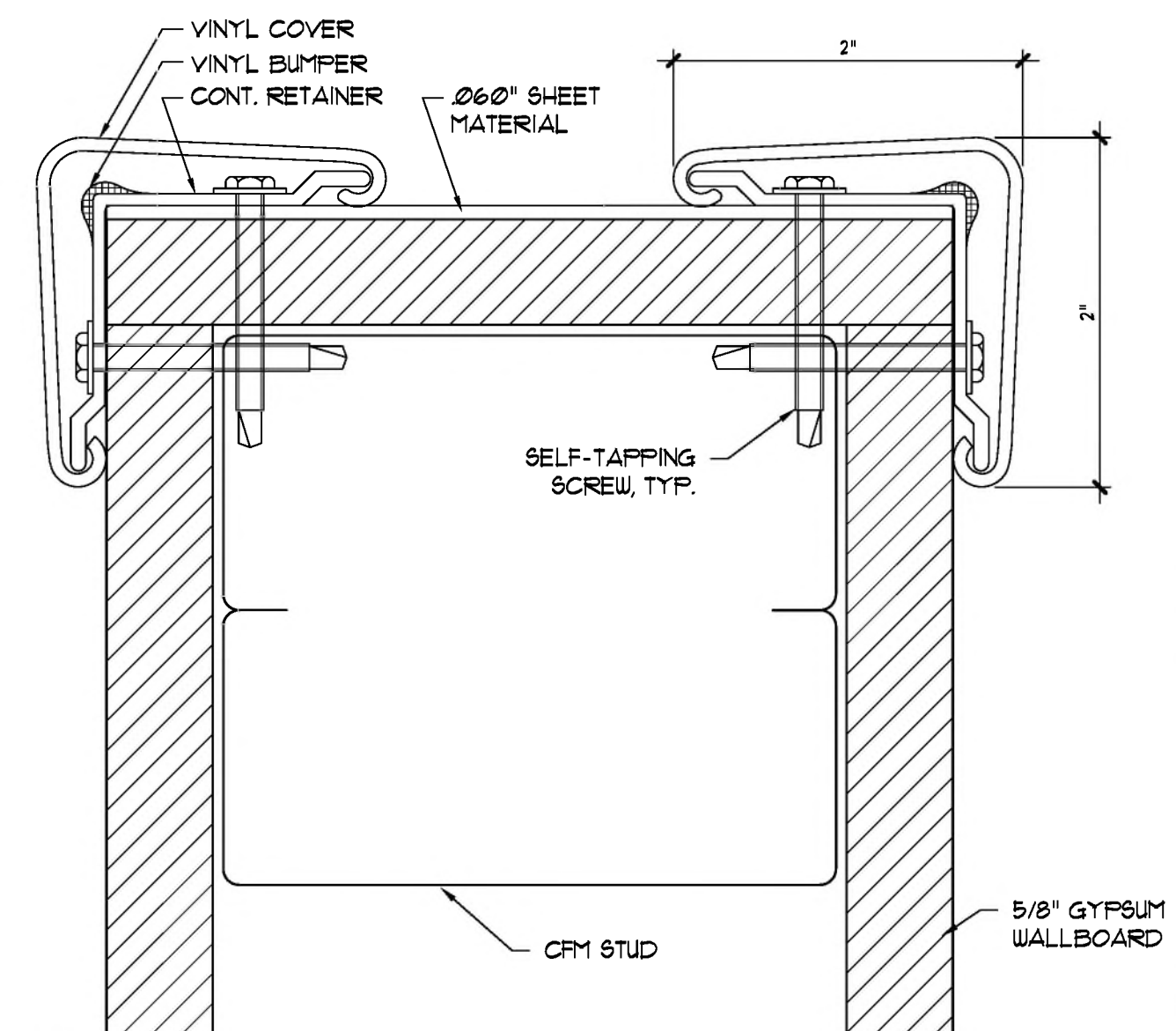


PROJECT:  
**BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

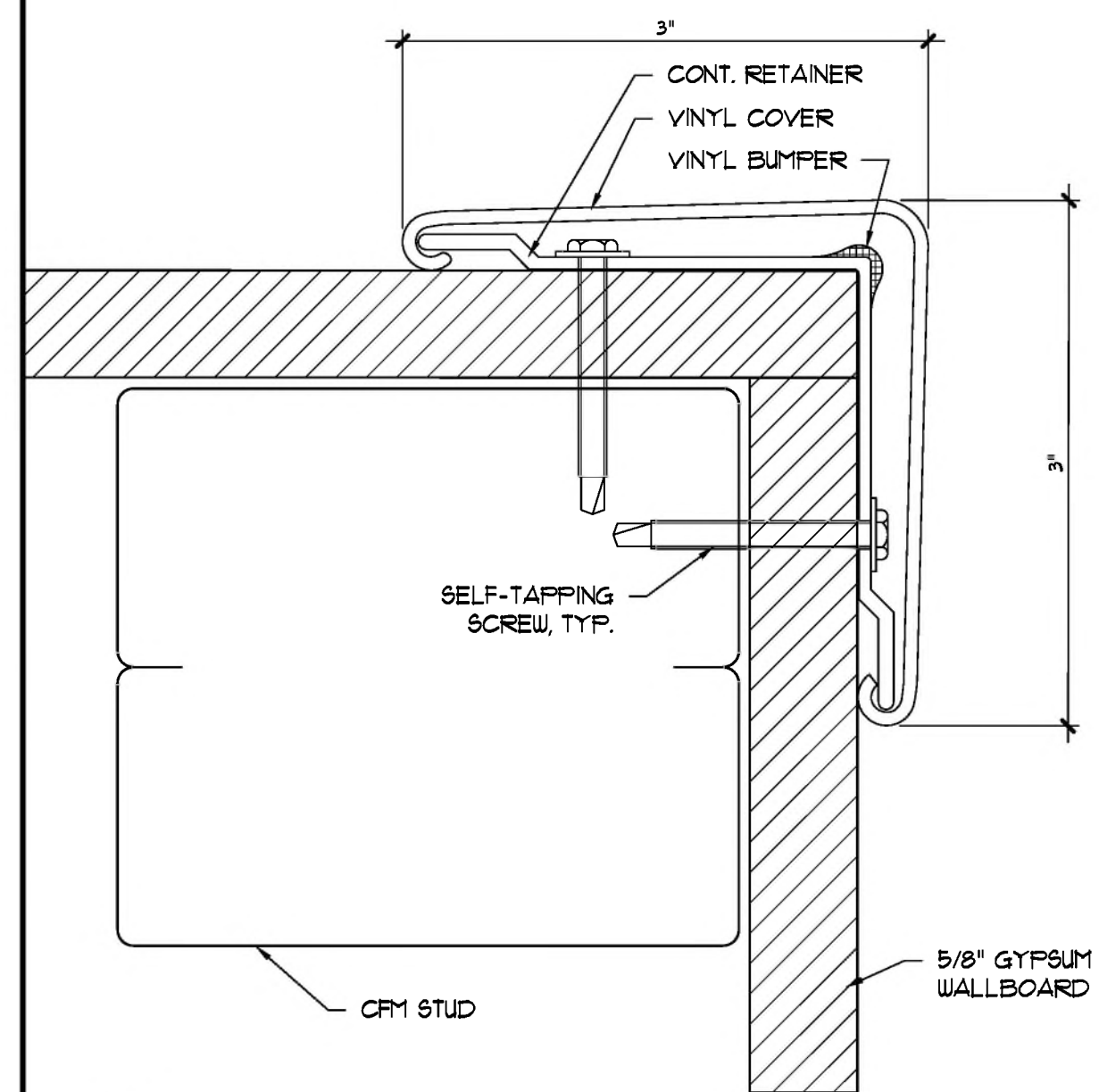
SHEET TITLE:  
**DOOR AND WINDOW  
DETAILS**

SHEET NUMBER:  
**A9.2**



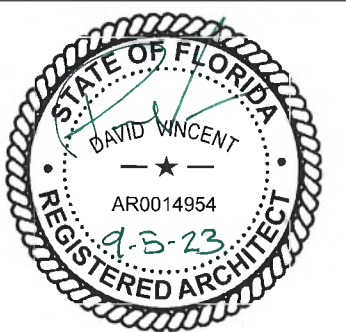


2 END WALL PROTECTOR DETAIL  
SCALE: 1'-0" = 1'-0" TH



**1 CORNER GUARD DETAIL**  
SCALE: 1'-0" = 1'-0" TH

## REVISIONS

[illegible]

PROJECT:

**BAY HAVEN CHARTER ACADEMY**  
**CLASSROOM ADDITION**  
LYNN HAVEN, FLORIDA

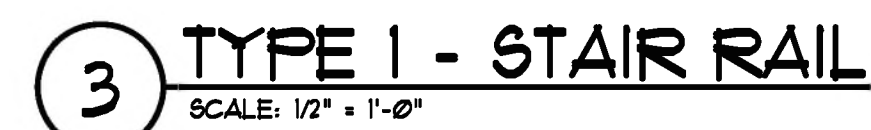
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MISC. DETAILS

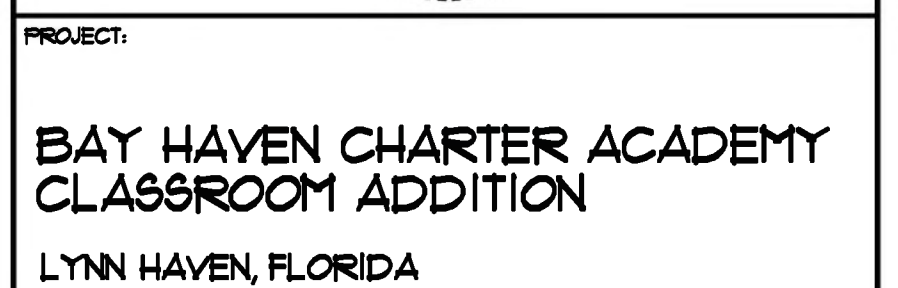
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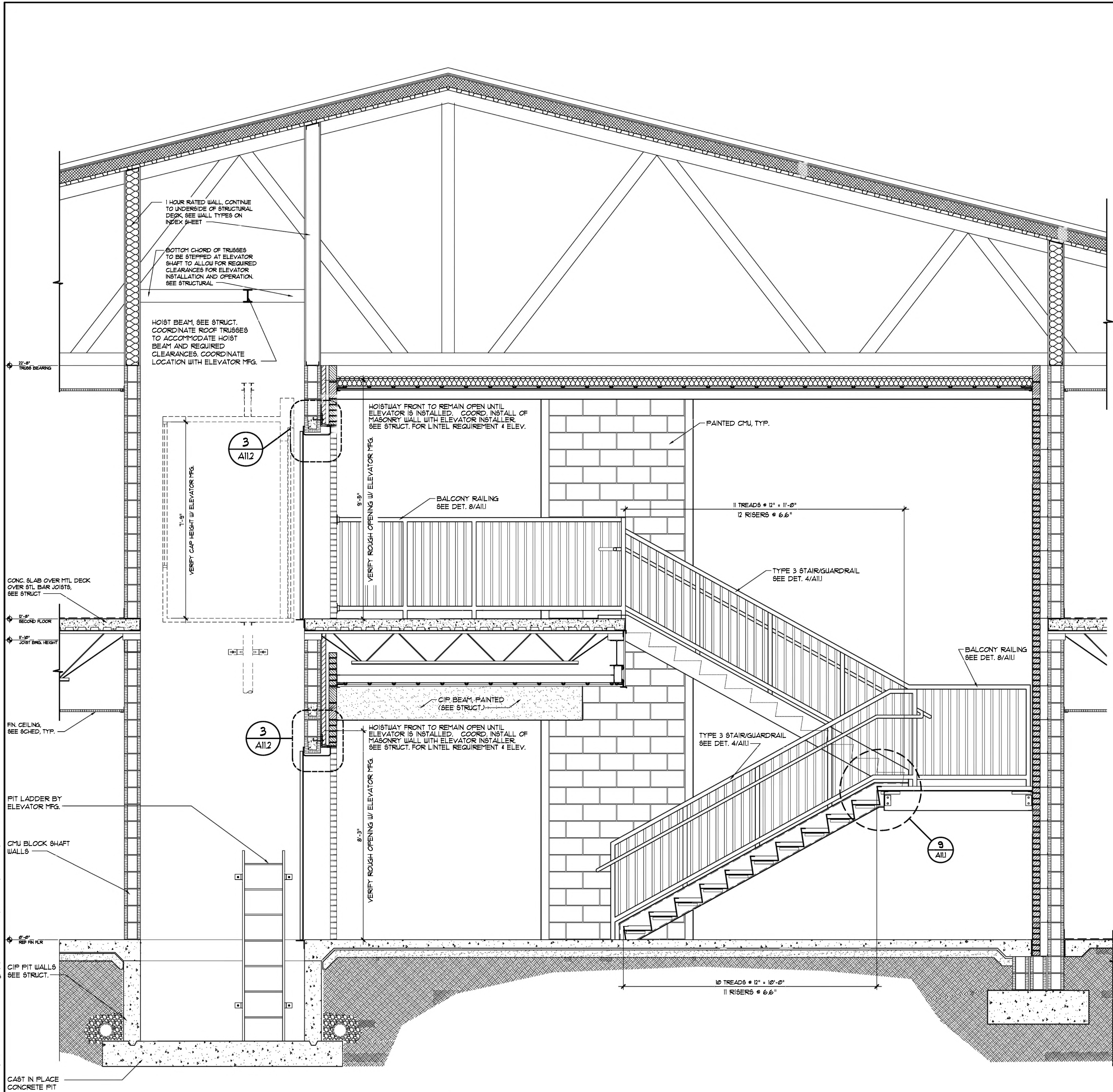
**JRA**  
ARCHITECTS  
2211 THOMAS DR., STE 100  
PANAMA CITY BEACH, FL  
PHONE: (850) 236-9832  
Commission Number: 22828



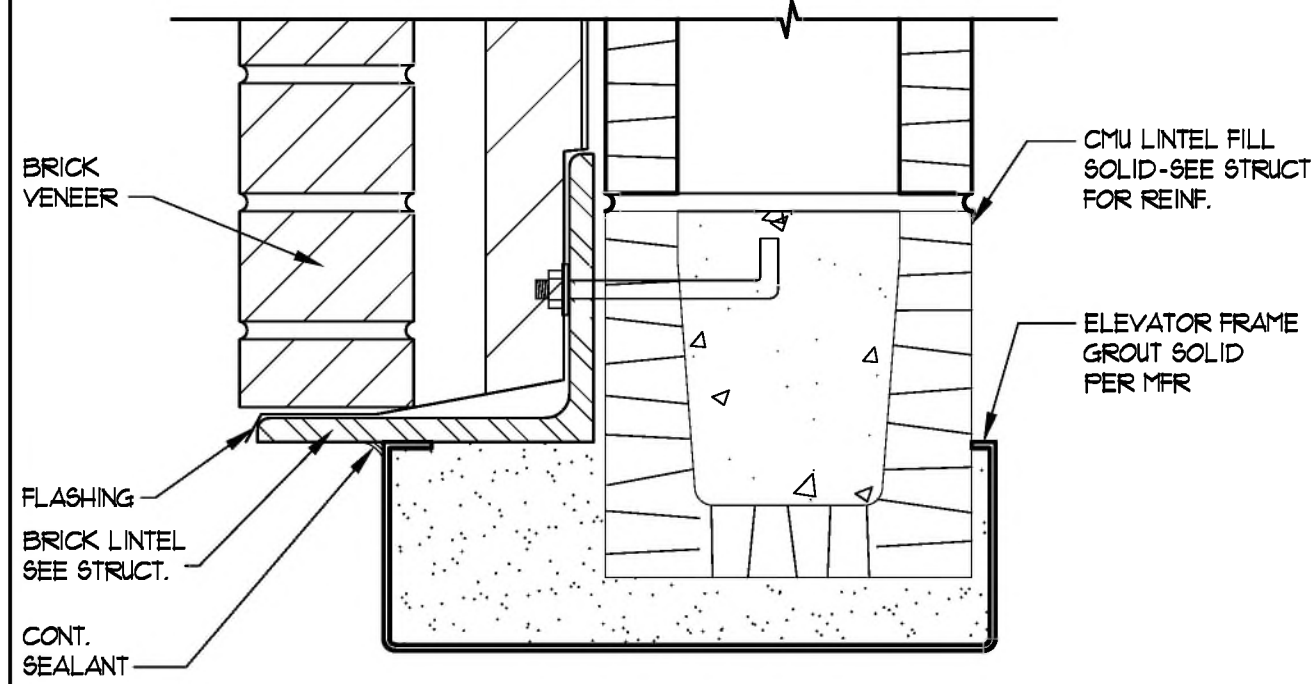
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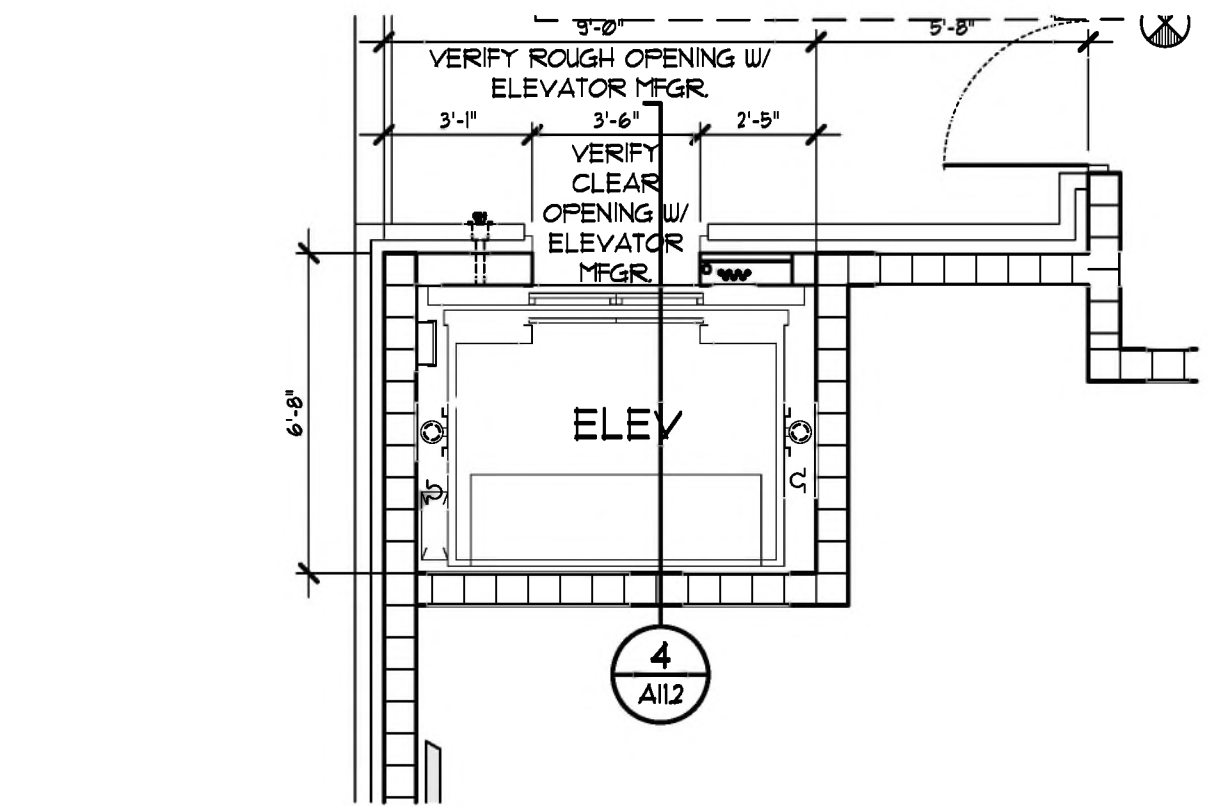




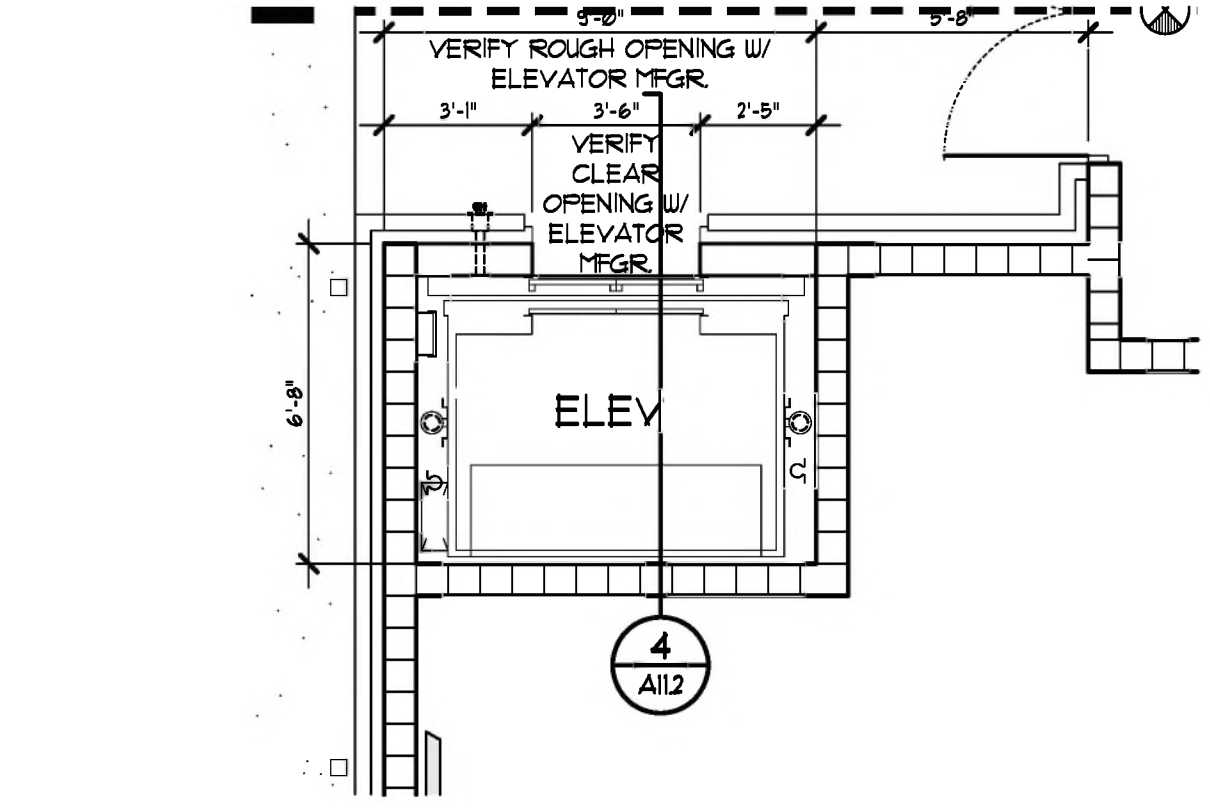
4 SECTION @ ELEVATOR AND STAIR  
SCALE: 1/2" = 1'-0"



3 ELEVATOR HEAD (JAMB SIM.)  
SCALE: 3" = 1'-0"



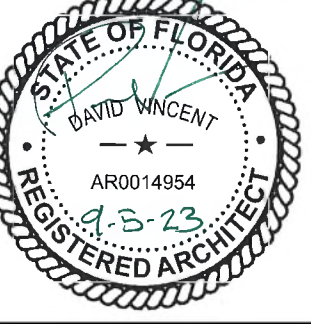
2 ENLARGED ELEVATOR PLAN - SECOND FLOOR  
SCALE: 1/4" = 1'-0"



1 ENLARGED ELEVATOR PLAN - FIRST FLOOR  
SCALE: 1/4" = 1'-0"

REVISIONS			
NO.	DESCRIPTION	DRAWN	CHECKED
PHASE			

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PHONE: (850) 236-9832  
Commission Number: 22828



PROJECT:  
BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION  
LYNN HAVEN, FLORIDA

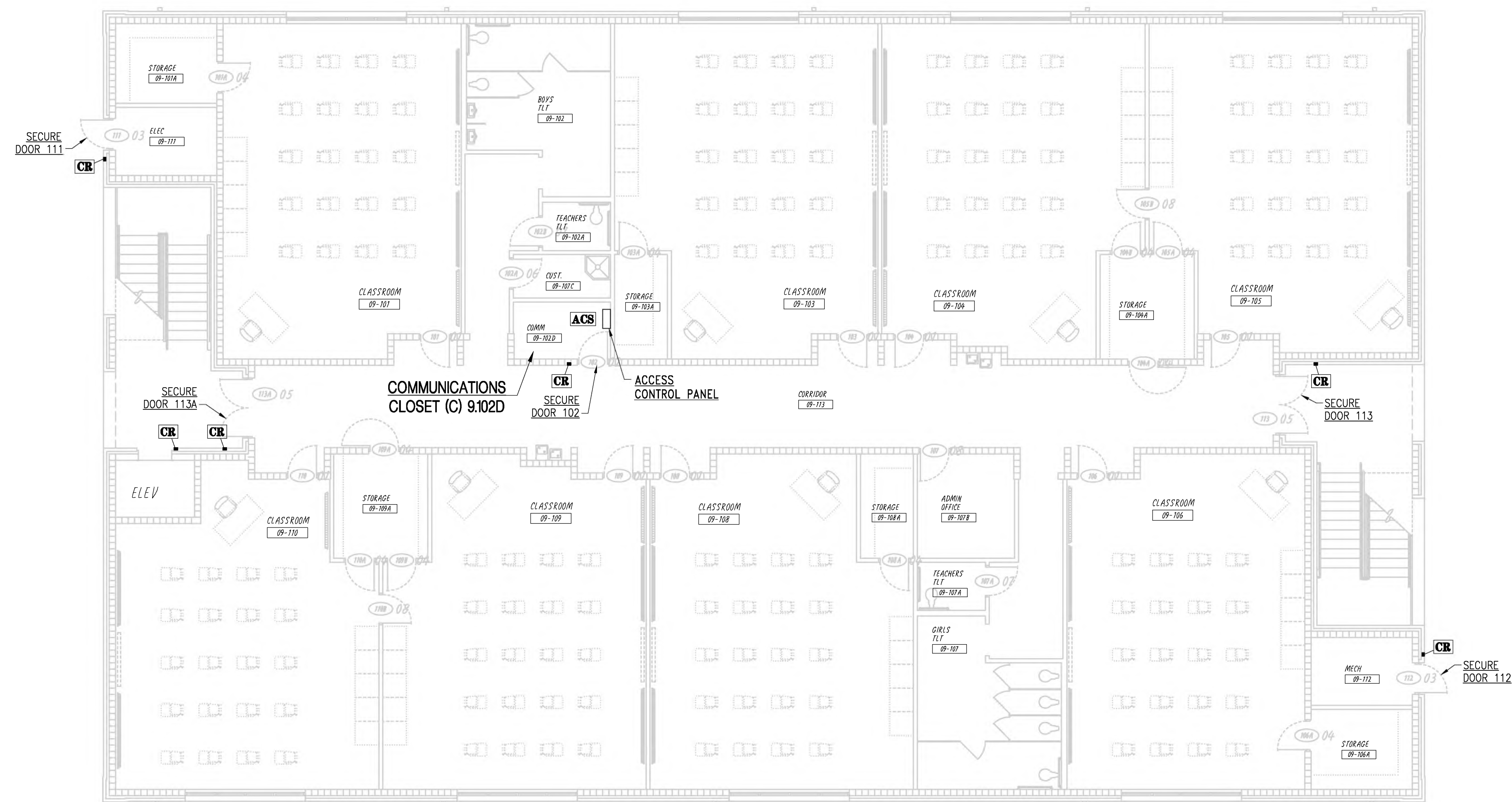
SHEET TITLE:  
ENLARGED ELEVATOR PLANS  
AND ELEV/STAIR SECTION

SHEET NUMBER:  
A11.2



CONDUIT SLEEVES FOR ACCESS, CONTROL SYSTEM CABLEING; FINAL ROUTING PATHS. A FREE-ROUTED ACCESS CONTROL SYSTEM HORIZONTAL CABLEING ABOVE CEILINGS SHALL BE DETERMINED BY THE CONTRACTOR IN THE FIELD. FOR THIS REASON CONDUIT SLEEVES AT WALL PENETRATIONS ARE NOT INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL PROVIDE EMT CONDUIT SLEEVES IN THE QUANTITIES AND LOCATIONS REQUIRED TO SUIT THE CONTRACTOR SELECTED HORIZONTAL CABLE ROUTING AS REQUIRED FOR A COMPLETE INSTALLATION, AND AT NO ADDITIONAL COST TO THE OWNER. AT ALL LOCATIONS WHERE HORIZONTAL CABLEING RUNS THRU MECHANICAL OR ELECTRICAL EQUIPMENT ROOMS, OR ANY OTHER TYPE OF UNFINISHED SPACE WITH EXPOSED STRUCTURE CEILING, ALL SUCH CABLEING SHALL BE RUN IN CONTINUOUS CONDUIT SLEEVES EXTENDING TO THE NEAREST ACCESSIBLE LAY-IN CEILING AT BOTH ENDS. IN ADDITION, THE CONTRACTOR SHALL PROVIDE CONDUIT SLEEVES TRAVERSING INACCESSIBLE (HARD) CEILING OR SOFFIT AREAS AND EXTENDING TO THE NEAREST ACCESSIBLE LAY-IN CEILING AT BOTH ENDS FOR CABLE PASS-THRU. SLEEVES SHALL BE SIZED FOR MAXIMUM 30 PERCENT CABLE FILL. TERMINATE ALL SLEEVES WITH PLASTIC INSULATING BUSHING AT EACH END.

ALL ACCESS CONTROL SYSTEM HORIZONTAL CABLE NOT SHOWN TO BE INSTALLED IN CONDUIT SHALL BE FREE-ROUTED ABOVE CEILINGS AND SHALL BE ROUTED UP HIGH DIRECTLY UNDER THE BUILDING ROOF STRUCTURE AND PROPERLY SUPPORTED WITH APPROVED HANGERS AT 4'-0" ON CENTER, BUT DO NOT RUN CABLES CLOSER THAN 6" BELOW ROOF DECK (TO AVOID DAMAGE FROM LONG SCREWS USED IN FUTURE ROOF REPLACEMENTS), RUN ALL CABLEING ABOVE DUCTWORK, PIPING, CONDUITS AND ALL OTHER WORK BY OTHER TRADES AND PLACE FOR MAXIMUM PHYSICAL PROTECTION. BUNDLE CABLES TOGETHER AND ROUTE PARALLEL AND PERPENDICULAR TO BUILDING LINES. HANGERS SHALL BE ERICO CADDY "CABLECAT" CATEGORY-5 WITH WIDE BASE LOOL. LOCATE HANGERS AND BUNDLE CABLES AT 4'-0" O.C. WITH VELCRO, COLOR WHITE. ATTACH HANGERS TO THE BUILDING STRUCTURE. DO NOT ATTACH HANGERS TO CEILING GRID OR SUPPORT WIRES, CONDUITS, DUCTWORK, PIPING OR ANY OTHER SYSTEM COMPONENT OR WORK OF OTHER TRADES. INSTALL CABLES TO AVOID ELECTROMAGNETIC INTERFERENCE FROM MOTORS, TRANSFORMERS, GENERATORS, ELEVATORS, POWER CABLES/CONDUITS, LIGHTING FIXTURES, ETC. DO NOT ROUTE CABLE THRU FIRE DAMPERS, HVAC DUCTS, VENTILATING SHAFTS, OR GRATES. DO NOT BLOCK ACCESS TO PULL/JUNCTION BOXES, HATCHES, DOORS, UTILITY ACCESS PANELS, MECHANICAL SERVICE AREAS, ELECTRICAL SERVICE AREAS, OR ANY OTHER SPACE ASSOCIATED WITH SERVICE OR ACCESS OF ANY TYPE. DO NOT RUN HORIZONTAL CABLEING ABOVE CEILINGS OF CHEMICAL STORAGE AREAS.



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

EXPOSED CONDUIT, CABLE, POWER TRANSFERS, FLEX CONDUIT, OR FLEX DOOR CORDS ARE NOT ALLOWED AT ANY SECURE DOOR INSTALLATION.

ALL CONDUIT AT SECURE AND MONITORED DOORS SHALL BE INSTALLED ON THE SECURE SIDE (SIDE OPPOSITE CARD READER).

ALL MATERIALS AND EQUIPMENT INDICATED AND REQUIRED FOR A COMPLETE AND FINISHED INSTALLATION SHALL BE NEW AND SHALL BE PROVIDED BY THE CONTRACTOR UNDER THIS PROJECT UNLESS SPECIFICALLY INDICATED TO BE EXISTING OR PROVIDED BY OTHERS.

CARD READER LOCATIONS SHOWN ON PLANS ARE APPROXIMATE AND INTENDED ONLY TO SHOW DOOR SERVED AND INSECURE SIDE MOUNTING. THE OWNER'S PROJECT MANAGER WILL LOCATE ALL LISTED DEVICES IN THE FIELD ANYWHERE IN THE GENERAL VICINITY OF THE DOOR SERVED OR AREA INDICATED AT NO ADDITIONAL COST TO THE OWNER. GC/CM, ACSC AND EC COORDINATE FINAL LOCATIONS WITH OWNER AND ARCHITECT PRIOR TO BEGINNING ROUGH-IN. DEVICE HEIGHTS SHALL BE AS DIRECTED BY THE ARCHITECT.

MOUNT ALL CARD READERS FLUSH IN WALL. MOUNT CARD READERS IN STOREFRONT FRAMING ONLY WHERE SPECIFICALLY INDICATED. THE OWNER SHALL REMAIN RESPONSIBLE FOR THE REQUEST DIRECTION FROM THE OWNER AND ACSS PRIOR TO COMMENCEMENT OF ANY RELATED WORK AND REVIEW EACH SECURE DOOR INSTALLATION. WHERE STOREFRONT MOUNTING IS REQUIRED SEE "GENERAL CONDUIT NOTES - ACCESS CONTROL SYSTEM" NOTE 3 SHEET ACS2.2 AND ACSS PROVIDE NARROW STYLE CARD READER. THE GENERAL CONTRACTOR AND STOREFRONT SYSTEM INSTALLER SHALL PROVIDE THE ELECTRICAL CONTRACTOR ACCESS TO THE FRAMING TO RUN THE WIRING AS EACH DOOR IS INSTALLED.

ACSC PROVIDE CARD READER AT FIRST AND SECOND FLOORS, COORDINATE WITH AND PROVIDE SYSTEM INTERFACES AS DIRECTED BY ELEVATOR INSTALLER AND AS REQUIRED FOR FULLY FUNCTIONAL OPERATION OF THE CARD READER TO ELEVATOR SYSTEM INTERFACE TO THE SATISFACTION OF THE OWNER. COORDINATE CARD READER LOCATION WITH ELEVATOR INSTALLER AND OWNER. ELECTRICAL CONTRACTOR PROVIDE ALL RELATED CONDUIT AS DIRECTED BY ACSC AND ELEVATOR INSTALLER.

CORRIDOR ARCHITECT'S ROOM NUMBER, SEE "GENERAL LABELING NOTE"

**ACS** ACCESS CONTROL SYSTEM PANEL

**CR** CARD READER

CC	COMMUNICATIONS CLOSET
ACS	ACCESS CONTROL SYSTEM
ACSC	ACCESS CONTROL SYSTEM CONTRACTOR
SCSC	STRUCTURED CABLING SYSTEM CONTRACTOR
EC	ELECTRICAL CONTRACTOR
CM/GC	CONSTRUCTION MANAGER

8 4 0 8FT 16FT  
SCALE: 1/8" = 1'-0"

REVISIONS					
NO.	DESCRIPTION	DRAWN	CHECKED	DATE	
PHASE		DRAWN	CHECKED	DATE	
SCHEMATIC DESIGN				12/15/22	
50% DOCUMENTS		J.E.C.	G.A.C.	02/07/23	
CONSTRUCTION DOCUMENTS		J.E.C.	G.A.C.	03/21/23	
BID DOCUMENTS		J.E.C.	G.A.C.	04/09/23	



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Commission Number: 22828

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Phone: (850) 469-0405 Fax: (850) 432-0905  
Premier Project #22059

**BICSI**  
 Gregory A. Cook  
 BICSI ID #104998  
 EXPIRES 12-31-24

PROJECT:

BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION

LYNN HAVEN, FLORIDA

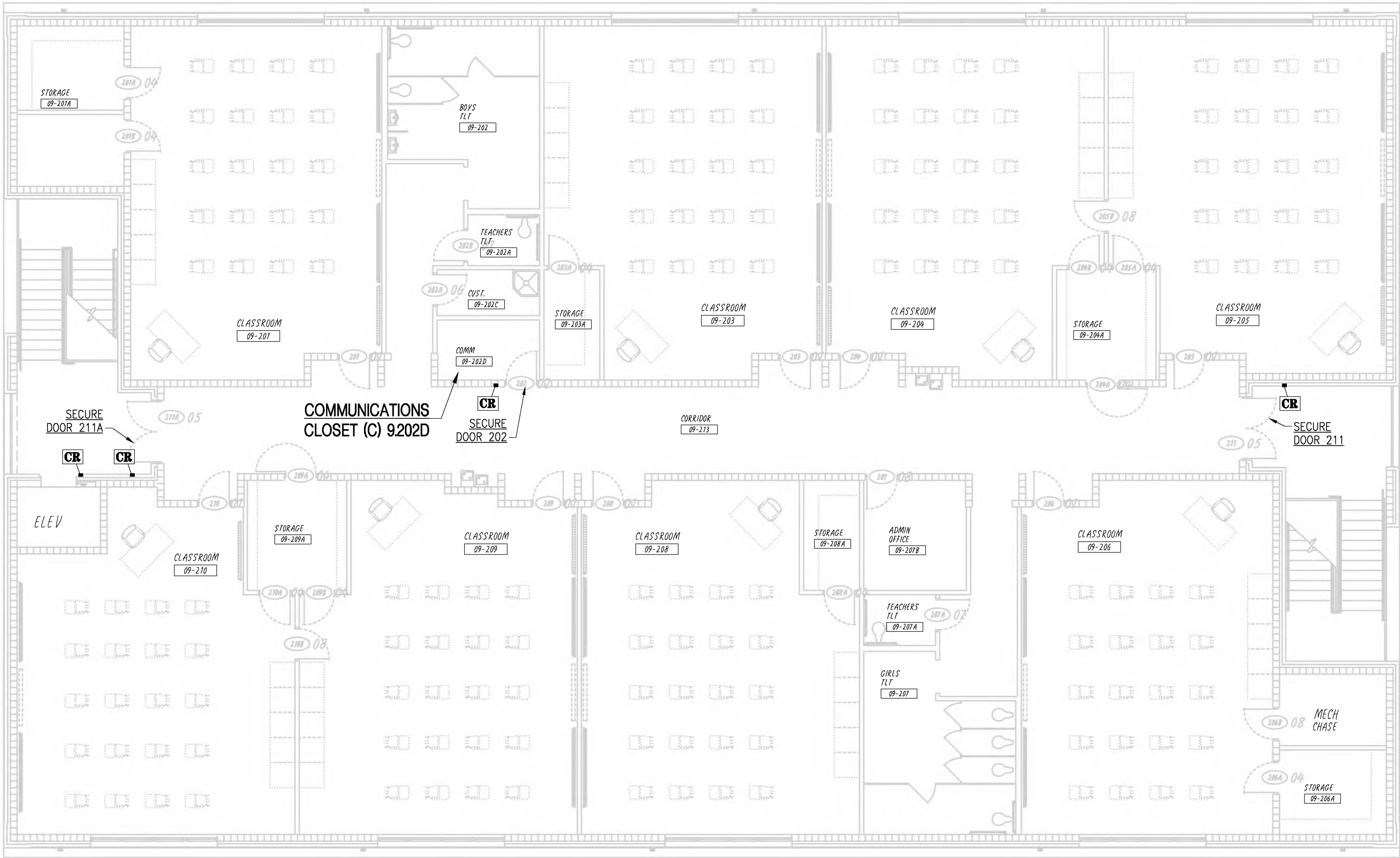
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ACCESS CONTROL SYSTEM  
FLOOR PLAN - FIRST FLOOR

SHEET NUMBER:

ACS | |

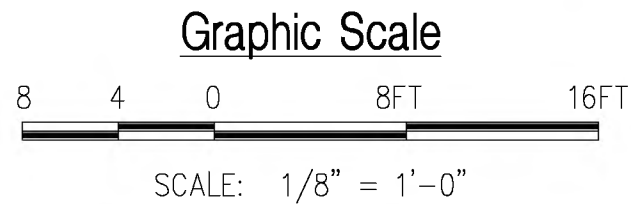




ACCESS CONTROL SYSTEM FLOOR PLAN - SECOND FLOOR

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

NOTE:  
SERVE SECOND FLOOR SECURE DOORS AND ELEVATOR LANDING FROM  
FIRST FLOOR ACCESS CONTROL SYSTEM PANEL. EXTEND 2" CONDUIT  
FROM TOP OF ACCESS CONTROL SYSTEM PANEL UP THRU SECOND FLOOR  
CONSTRUCTION (FIRESTOP) AND TERMINATE IN SECOND FLOOR CEILING  
WITH PLASTIC INSULATING BUSHING.



REVISIONS				
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PHASE		DRAWN	CHECKED	DATE
SCHEMATIC DESIGN				12/15/22
50% DOCUMENTS		J.E.C.	G.A.C.	02/07/23
CONSTRUCTION DOCUMENTS		J.E.C.	G.A.C.	03/21/23
BID DOCUMENTS		J.E.C.	G.A.C.	04/05/23



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Premier Project #22859



REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER  
Gregory A. Cook  
BICSI ID # 104998  
EXPIRES 12-31-24  
RCDD

PROJECT:  
BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION  
LYNN HAVEN, FLORIDA

SHEET TITLE:  
ACCESS CONTROL SYSTEM  
FLOOR PLAN - SECOND FLOOR

SHEET NUMBER:  
ACSI.2



DOOR POSITION SWITCHES SHALL BE NORMALLY OPEN. EACH DPS SHALL BE HELD IN CLOSED POSITION BY MAGNET WHEN DOOR IS CLOSED AND MAGNET IS WITHIN MANUFACTURER'S SPECIFIED GAP DISTANCE FROM SWITCH. DPS SHALL MOVE TO OPEN POSITION WHEN DOOR IS OPENED (CIRCUIT IS OPENED AND CURRENT DOES NOT FLOW). CIRCUIT IS ALSO OPENED IF WIRE IS CUT. OPEN CIRCUIT SHALL GENERATE ALARM STATE UNLESS RQE IS SIGNALLED (EXCEPT WHERE RQE IS NOT CALLED FOR IN THE DOOR HARDWARE SPECIFICATION.)

CARD READERS SHALL BE HID 'SIGNO 40NKS' OR CARD READER STANDARD WITH THE BAY HAVEN AT THE TIME OF PROJECT MATERIAL SUBMITTALS. THE OWNER WILL PROVIDE FINAL DIRECTION ON THE CARD READER PART NUMBER TO USE. ALL CARD READERS SHALL BE INSTALLED USING OPTIONAL GASKET HID PART NUMBER IP65GSKT TO MAKE THE INSTALLATION TIGHTEN TO IP66 STANDARDS.

PROVIDE SINGLE GANG DEEP WALL BOX FOR ALL CARD READERS UNLESS OTHERWISE DIRECTED BY ACCESS CONTROL SYSTEM CONTRACTOR. PROVIDE MASONRY BOX WHERE MOUNTED IN BRICK. UNDER NO CIRCUMSTANCES SHALL OVERSIZE OPENINGS BE COVERED WITH PLATES AND THE DEVICES MOUNTED ON THE PLATES. BRICK OPENING SHALL BE COMPLETELY COVERED AND CONCEALED BY THE CARD READER. MAKE INSTALLATION WATERTIGHT.



EXTERIOR DOUBLE DOORS 113 113A 211 AND 211A



## EXTERIOR SINGLE DOORS 111 AND 112



## INTERIOR SINGLE DOORS 102 AND 202

THE ACCESS CONTROL SYSTEM ROUGH-IN AND WIRING SHALL BE INSTALLED TOTALLY CONCEALED AND RECESSED IN WALLS AND ABOVE CEILINGS. CARD READERS SHALL BE FLUSH MOUNTED ON WALL FINISH. UNDER NO CIRCUMSTANCES WILL EXPOSED WIRE, CONDUIT, SURFACE RACEWAY, SURFACE BOXES, OR FLEXIBLE DOOR LOOP CORDS BE ALLOWED.

DOOR LAYOUTS INDICATED ON THIS SHEET ARE DIAGRAMMATIC  
AND ARE NOT INTENDED TO SHOW CORRECT HEIGHTS FOR  
DEVICES - COORDINATE MOUNTING HEIGHTS WITH ARCHITECT  
AND MOUNT AT CONSISTENT HEIGHTS - COMPLY WITH ADA.

ALL CONDUIT AT SECURE AND MONITORED DOORS SHALL BE INSTALLED ON THE SECURE SIDE (SIDE OPPOSITE CARD READER).

RIGHT HAND/LEFT HAND ORIENTATION FOR EACH DOOR SHALL  
BE IN ACCORDANCE WITH ARCHITECTURAL DRAWINGS - DOOR  
LAYOUTS INDICATED ON THIS SHEET ARE DIAGRAMMATIC AND  
NOT INTENDED TO PROVIDE CORRECT ORIENTATION.

PRESENTING VALID CREDENTIAL TO CARD READER TIED TO ACCESS  
CONTROL SYSTEM SIGNALS TIMED ELECTRIC UNLOCKING OF THE  
ELECTRIFIED EXIT DEVICE OR ELECTRIFIED LOCKSET. ELECTRIC LOCKING  
MECHANISM SHALL ALWAYS FAIL SECURE (LOCKS ON LOSS OF  
POWER). DOOR POSITION SWITCH TIED TO THE INTRUSION ALARM  
SYSTEM MONITORS STATUS OF EACH DOOR LEAF FOR DOOR HELD  
OPEN OR UNAUTHORIZED ENTRY. REQUEST-TO-EXIT SWITCH INTERNAL  
TO EXIT DEVICE OR LOCKSET AND TIED TO THE INTRUSION ALARM  
SYSTEM IS ACTIVATED UPON EXITING THROUGH EITHER DOOR LEAF  
FROM THE SECURE SIDE SIGNALING AUTHORIZED EXITING. MECHANICAL  
FREE EGRESS FROM THE SECURE SIDE SHALL ALWAYS BE POSSIBLE.

PRESENTING VALID CREDENTIAL TO CARD READER TIED TO ACCESS CONTROL SYSTEM SIGNALS TIMED ELECTRIC UNLOCKING OF THE ACTIVE LEAF ELECTRIFIED EXIT DEVICE OR ELECTRIFIED LOCKSET. ELECTRIC LOCKING MECHANISM IN ACTIVE LEAF SHALL ALWAYS FAIL SECURE (LOCKS ON LOSS OF POWER). DOOR POSITION SWITCHES TIED TO THE INTRUSION ALARM SYSTEM MONITOR STATUS OF EACH DOOR LEAF FOR DOOR HELD OPEN OR UNAUTHORIZED ENTRY. REQUEST-TO-EXIT SWITCHES INTERNAL TO BOTH EXIT DEVICES OR LOCKSETS AND TIED TO THE INTRUSION ALARM SYSTEM IS ACTIVATED UPON EXITING THROUGH EITHER DOOR LEAF FROM THE SECURE SIDE SIGNALING AUTHORIZED EXITING. MECHANICAL FREE EGRESS FROM THE SECURE SIDE SHALL ALWAYS BE POSSIBLE THRU EITHER LEAF.

<b>BB</b>	BATTERY BACKUP	<b>MB</b>	MORTAR BOX
<b>CR</b>	CARD READER	<b>MLR</b>	MOTORIZED LATCH RETRACTION
<b>DS</b>	DOOR POSITION SWITCH	<b>PS</b>	POWER SUPPLY
<b>EX</b>	RIM EXIT DEVICE	<b>PT</b>	EPT STYLE POWER TRANSFER
<b>EM</b>	ELECTRIFIED LOCKSET	<b>RQE</b>	REQUEST TO EXIT
<b>JB</b>	JUNCTION BOX	<b>①</b>	DOOR DETAIL NUMBER

REVISIONS				
NO.	DESCRIPTION	DRAWN	CHECKED	DATE



CONSULTANTS:



PROJECT:

BAY HAVEN CHARTER ACADEMY  
CLASSROOM ADDITION

LYNN HAVEN, FLORIDA

SHEET TITLE:

## ACCESS CONTROL SYSTEM TYPICAL ROUGH-IN DETAILS

SHEET NUMBER:

ACS2. |



RUN ALL ACCESS CONTROL SYSTEM CABLEING CONTINUOUSLY IN CONDUIT AT DOOR ROUGH-IN. SEE ROUGH-IN DETAILS SHEETS ACS200 AND ACS201. ALL INTERIOR CONDUIT SHALL BE EMT WITH STEEL SET SCREW FITTINGS (DIE CAST FITTINGS ARE NOT ALLOWABLE). CONDUIT SIZE SHALL BE 1" MINIMUM OR LARGER AS INDICATED, EXCEPT WHERE 1/2" CONDUIT IS SPECIFICALLY ALLOWED AT LOCAL DOOR DEVICES. WHERE CONDUIT SIZE IS NOT SPECIFICALLY INDICATED PROVIDE SIZE AS REQUIRED FOR EACH CONDUIT RUN WITH MAXIMUM 30% CONDUIT FILL RATE.

2. ELECTRICAL CONTRACTOR PROVIDE ALL CONDUIT AS INDICATED AND ALL ADDITIONAL CONDUIT AS REQUIRED FOR A COMPLETE SYSTEM, TO INCLUDE CONDUIT SLEEVES. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL CONDUIT REQUIRED BY THE ACCESS CONTROL SYSTEM CONTRACTOR ALONG WITH ALL CONDUIT INDICATED ON THE DRAWINGS, AND SHALL INCLUDE AS PART OF THE BASE BID ALL SUCH CONDUIT WORK.

3. DO NOT MOUNT CARD READERS IN STOREFRONT FRAMING UNLESS SPECIFICALLY DIRECTED TO DO SO BY THE OWNER. WHERE DOORS ARE MOUNTED IN A STOREFRONT SYSTEM AND WHERE THE OWNER SPECIFICALLY DIRECTS THE ACSC TO MOUNT THE ASSOCIATED CARD READERS IN THE STOREFRONT SYSTEM RUN ALL WIRING IN CONDUIT PROVIDED BY THE ELECTRICAL CONTRACTOR CONCEALED IN STOREFRONT SYSTEM FRAMING. AT CONTRACTOR'S OPTION WIRING WITHIN THE STOREFRONT MAY BE RUN CONTINUOUSLY IN STAINLESS STEEL ARMORED FLEXIBLE CONDUIT, SIZE AS REQUIRED, CONNECTING TO THE EMT WITH A FITTING MADE FOR THAT PURPOSE AT A JUNCTION BOX ABOVE THE CEILING, BUT UNDER NO CIRCUMSTANCES SHALL ANY WIRING BE RUN WITHIN STOREFRONT FRAMING WITHOUT CONDUIT. CLOSELY COORDINATE REQUIREMENTS WITH GENERAL CONTRACTOR AND STOREFRONT SUPPLIER PRIOR TO MANUFACTURER OF STOREFRONT SYSTEM.

4. EXTEND 1" CONDUIT FROM EACH SECURE DOOR MAIN JUNCTION BOX MAIN JUNCTION BOX TO THE NEAREST ACCESSIBLE LAY-IN CEILING AND TERMINATE WITH PLASTIC INSULATING BUSHING. RUN 1/2" CONDUIT FROM MAIN JUNCTION BOX CONTINUOUS TO EACH POWER TRANSFER BACKBOX, EACH DOOR POSITION SWITCH JUNCTION BOX AND EACH CARD READER JUNCTION BOX. PROVIDE OTHER CONDUITS AS INDICATED IN DOOR DETAILS AND ELSEWHERE ON THE DRAWINGS AND AS REQUIRED BY THE ACSC.

5. RUN CONDUIT AND MOUNT MAIN JUNCTION BOXES FOR EACH SECURE DOOR ON THE SECURE SIDE OF THE DOOR SERVED IN AN ACCESSIBLE/SERVICABLE LOCATION ABOVE A LAY-IN CEILING AS CLOSE TO THE DOOR AS POSSIBLE OR IN A NEARBY ELECTRICAL EQUIPMENT ROOM. RUN ALL CONDUITS AT SECURE DOORS CONCEALED ABOVE CEILINGS AND IN WALLS. EXPOSED WIRING, SURFACE RACEWAY AND ARMORED DOOR LOOPS AND CABLES ARE NOT ALLOWED.

6. MOUNT ACS PANELS AND ASSOCIATED POWER SUPPLIES IN COMM ROOMS ONLY. MOUNT POWER SUPPLIES INSIDE OF ACS PANELS.

7. FIRE WALLS: FIRESTOP ALL SECOND FLOOR PENETRATIONS AND ALL PENETRATIONS OF FIRE RATED WALLS. FIRESTOP USING ASSEMBLY UL LISTED FOR THE SPECIFIC APPLICATION AND FLOOR OR WALL RATING. INSTALL IN STRICT ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS AND THE CONDITIONS OF THE UL LISTING.

8. SMOKE WALL PENETRATIONS AND PENETRATIONS OF NON-FIRE RATED WALLS EXTENDING UP TO THE STRUCTURE ABOVE: ALL CONDUIT PENETRATIONS OF ALL WALLS INDICATED ON THE ARCHITECTURAL DRAWINGS AS SMOKE WALLS/BARRIERS/PARTITIONS AND ALL NON-FIRE RATED WALLS INDICATED ON THE ARCHITECTURAL DRAWINGS AS EXTENDING UP TO THE STRUCTURE ABOVE SHALL BE SEALED SMOKETIGHT WITH STI SMOKE 'N' SOUND SEALANT WITH UL LISTED '1' SMOKE RATING AND 'ST' ACOUSTICAL RATING OF 62. SEALANT SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS FOR 1/4" SEALANT CAULK ON BOTH SIDES OF THE WALL. SEALANT INSTALLATION ON ONLY ONE SIDE OF THE WALL IS NOT ACCEPTABLE. AT THE CONTRACTOR'S OPTION PROVIDE AN ALTERNATE ACOUSTICAL SEALANT WITH EQUAL 'ST' RATING AT THRU PENETRATIONS OF NON-SMOKE RATED WALLS THAT EXTEND UP TO THE STRUCTURE ABOVE FOR SOUND ISOLATION. INSTALL SAME AS INDICATED FOR STI SMOKE 'N' SOUND ABOVE.

9. ELECTRICAL CONTRACTOR PROVIDE HEAVY DUTY PULL STRINGS IN ALL CONDUITS SERVING SECURE DOORS AND DEVICES FOR USE BY CABLEING INSTALLER - RUN CONTINUOUS FROM PULL POINT TO PULL POINT WITH NOT LESS THAN 10 FEET SLACK COILED AT EACH END.

10. SUPPORT CONDUIT DIRECTLY FROM BUILDING STRUCTURE USING APPROVED HARDWARE. DO NOT SUPPORT CONDUIT FROM OTHER SYSTEMS COMPONENTS OR SUPPORTS. RUN ALL CONDUITS PARALLEL/PERPENDICULAR AND PLUMB WITH BUILDING LINES.

11. CONDUIT BODIES SUCH AS 'LB' FITTINGS ARE NOT ALLOWABLE.

12. TERMINATE ALL CONDUIT ENDS WITH THREADED PLASTIC INSULATING BUSHINGS (PUSH-ON NOT ALLOWABLE). BUSHINGS MUST FIT TIGHTLY ON CONDUIT CONNECTOR THREADS. INSTALL ALL BUSHINGS PRIOR TO PULLING CABLE.

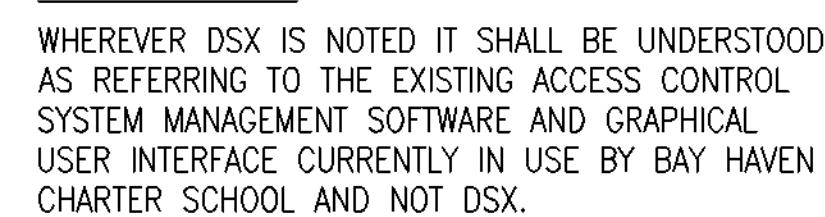
13. IDENTIFICATION: IDENTIFY ALL INDOOR ACS CONDUITS AND PULLBOXES ABOVE LAY-IN CEILINGS AT EVERY PULLBOX AND ON CONDUIT AT EACH COUPLER (PAINT ENTIRE COUPLER) WITH WHITE PAINT. DO NOT PAINT SLEEVES IN EQUIPMENT ROOMS.



THE GENERAL CONTRACTOR SHALL INCLUDE A COMPLETE ACCESS CONTROL SYSTEM WITH INTEGRATED INTRUSION ALARM AND LOCKDOWN FOR THIS PROJECT PROVIDED BY A SPECIALIZED ACCESS CONTROL SYSTEM CONTRACTOR (ACSC). THE ACCESS CONTROL SYSTEM CONTRACTOR SHALL BE DSX CERTIFIED PRIOR TO BIDS. SHALL BE WELL EXPERIENCED IN THE INTEGRATION OF AN ACCESS CONTROL SYSTEM OF THE TYPE AND SIZE REQUIRED FOR THIS PROJECT INTO DSX. SHALL MEET ALL ADDITIONAL QUALIFICATIONS STATED IN THE SPECIFICATIONS, AND SHALL BE APPROVED IN ADVANCE OF BIDS BY THE OWNER. EACH GC/CM SUBMITTING A BID FOR THIS PROJECT SHALL CONTACT THE OWNER'S PROJECT MANAGER AND OBTAIN A LIST OF APPROVED ACCESS CONTROL SYSTEM CONTRACTORS FOR THIS PROJECT PRIOR TO BIDS.

RELATED WORK TO BE PROVIDED BY OTHERS BUT NOT INCLUDED IN THE SCOPE OF WORK FOR THE ACCESS CONTROL SYSTEM CONTRACTOR SHALL INCLUDE CONDUIT FOR ALL ACCESS CONTROL SYSTEM WIRING AND CABLEING AND ALL POWER AND GROUNDING REQUIRED FOR THE ACCESS CONTROL SYSTEM. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE ASSOCIATED CONDUIT, POWER AND GROUNDING WORK WITH THE ACCESS CONTROL SYSTEM CONTRACTOR - BUT THE SCOPE OF CONDUIT, POWER AND GROUNDING WORK SHALL NOT BE LESS THAN THAT DESCRIBED ON THE DRAWINGS. THE SCSC SHALL PROVIDE CATEGORY 6 CABLEING TO EACH ACCESS CONTROL SYSTEM PANEL AS INDICATED ON THE DRAWINGS.

1. PROVIDE JACKETED WIRE FOR ALL APPLICATIONS.
2. PROVIDE SHIELDED CABLE WHERE RECOMMENDED BY THE CONNECTED EQUIPMENT MANUFACTURER. TERMINATE SHIELD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
3. HOMERUN CARD READER CABLE FROM READER TO SERVING ACCESS CONTROL SYSTEM PANEL. PROVIDE SLACK IN CABLE AT MAIN PULL BOX AT EACH SECURE DOOR. MAKE ALL WIRING CONNECTIONS TO CABLE IN MAIN PULL BOX AT EACH SECURE DOOR.
4. FOR PURPOSES OF BIDS THE ACS CONTRACTOR SHALL PROVIDE THE FOLLOWING WIRING FOR THE ACS AND OTHER SECURITY SYSTEMS. FOLLOWING BIDS THE ACS CONTRACTOR SHALL PROVIDE WIRING AS REQUIRED FOR EACH APPLICATION AT NO ADDITIONAL COST TO THE OWNER.
5. PROVIDE THE FOLLOWING WIRING TO EACH CARD READER:  
4-CONDUCTOR/18 AWG, 3-PAIR/22 AWG, 2-CONDUCTOR/22 AWG,  
4-CONDUCTOR/22 AWG
6. PROVIDE WIRING AS REQUIRED TO ALL OTHER ACCESS CONTROL AND SECURITY SYSTEM DEVICES AND POWER SUPPLIES.
7. CONDUCTOR QUANTITIES AND GAUGES ARE MINIMUM, PROVIDE HIGHER CONDUCTOR COUNT AND LARGER GAUGES AS REQUIRED FOR EACH WIRED DEVICE PER MANUFACTURER'S INSTRUCTIONS.



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