



# MANATEE COUNTY FLORIDA

## FACSIMILE

July 9, 2010

TO: All Interested Bidders

SUBJECT: Invitation for Bid #10-1766DC  
Juvenile Process Center Building Modifications

ADDENDUM #3

Bidders are hereby notified that this Addendum shall be made a part of the above named bidding and contract documents. The following items are issued to add to, modify, and clarify the bid and contract documents. These items shall have the same force and effect as the original bidding and contract documents, and cost involved shall be included in the bid prices. Bids to be submitted on the specified bid date, shall conform to the additions and revisions listed herein.

1. Bid Opening is extended to **July 28, 2010 at 11:00 A.M.**, at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34208.
2. The license requirement for this project shall remain – General Contractor's License.
3. The contractor shall provide a warranty for all modifications to the existing roof.
4. Substantial Completion (ref. IFB page 38) – additional clarification: Use of facility as intended (all systems operational and functioning correctly, all punch list items completed) all punch list items completed to prevent disruption to Sheriff's use by tradesmen working in a secure facility.
5. There will be no additional survey required.
6. Any reference to Riverview High School should be revised to read Manatee County for the Juvenile Building.
7. Revised Drawings are attached: Pages A106A SK-1, AD101, A102, A105, E-2.
8. Mechanical:
  - a. Sanyo HVAC is an acceptable substitute for Daikin for the Small Split System AC.

Financial Management Department - Purchasing Division  
1112 Manatee Avenue West, Suite 803, Bradenton, FL 34205  
PHONE: 941.749.3074 \* FAX: 941.749.3034  
[www.mymanatee.org](http://www.mymanatee.org)

9. Electrical:

- a. The 2' x 4' light fixtures (2) shown in room 107 (Corridor) shall be Type "B". The fixture type was omitted on the plans.
- b. The 2' x 4' light fixture shown in Room 111 (Staff Restroom) shall be Type "B". The fixture type was omitted on the plans.
- c. The Mark Architectural Lighting NOL series (provided by Envision Lighting) with 1.75" mounting depth is an acceptable substitute for the Type "B" fixture Corelite R1 series specified on the plans.
- d. Replace Sheet E-2 with Revision #1 dated 07-02-10 (PDF attached).

10. Architectural:

- a. In response to Barbas Building Question #2 6-29-10:

Please advise on the type of acceptable material to cover roof penetrations noted on Sheet AD-101 note D20. Will just an insulated cap work?

**BMK Response: It is acceptable to utilize approved compatible with existing roof system and warranty, insulated roof cap. Some existing openings may be utilized for mechanical fan exhaust locations and will need coordination with mechanical contractor.**

- b. General Clarification:

All new and existing exterior stucco to be cleaned, prepared and painted to match existing color and paint sheen.

- c. In response to Tri-Tech Construction Question #1 6-29-10:

The drawings show the existing walls to be 8" block cmu, however most if not all of the perimeter (exterior) walls are actually 4" partition block with 4" brick at the exterior. There is no standard engineering to affix doors and windows to this condition and to comply with wind load requirements. Will the drawings be revised to show a detail for the door/window installation?

**BMK Response: See revised architectural plans and added structural sheet**

- d. In response to Substitution Request on Toilet Accessories from Water Solutions Marketing 07/06/2010:

**BMK Response: American Specialties Inc. is an acceptable manufacturer substitution.**

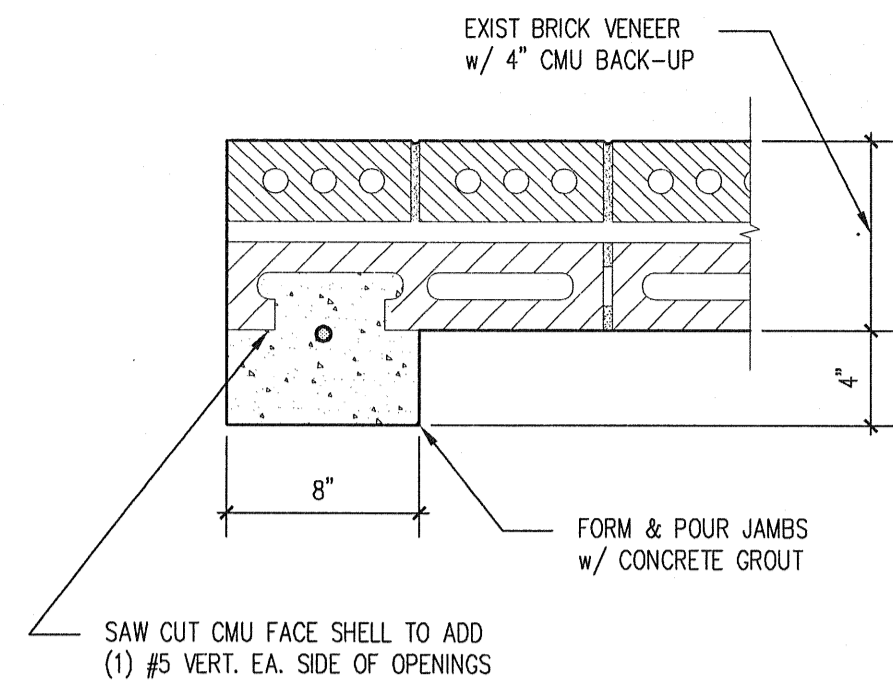
Bids will be received at Manatee County Purchasing, 1112 Manatee Avenue West, Suite 803, Bradenton, Florida 34205 until **July 28, 2010 at 11:00 A.M.**

Sincerely,

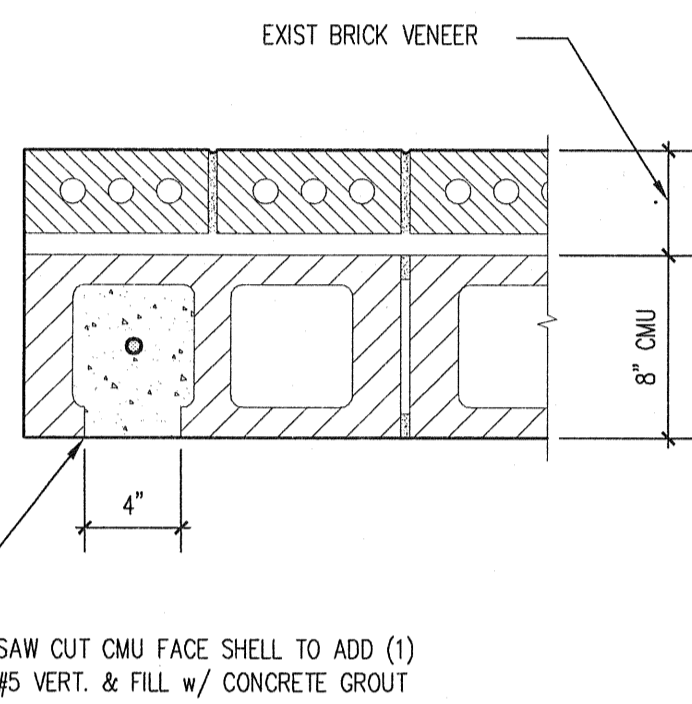


Deborah Carey-Reed, CPPB  
Construction Buyer

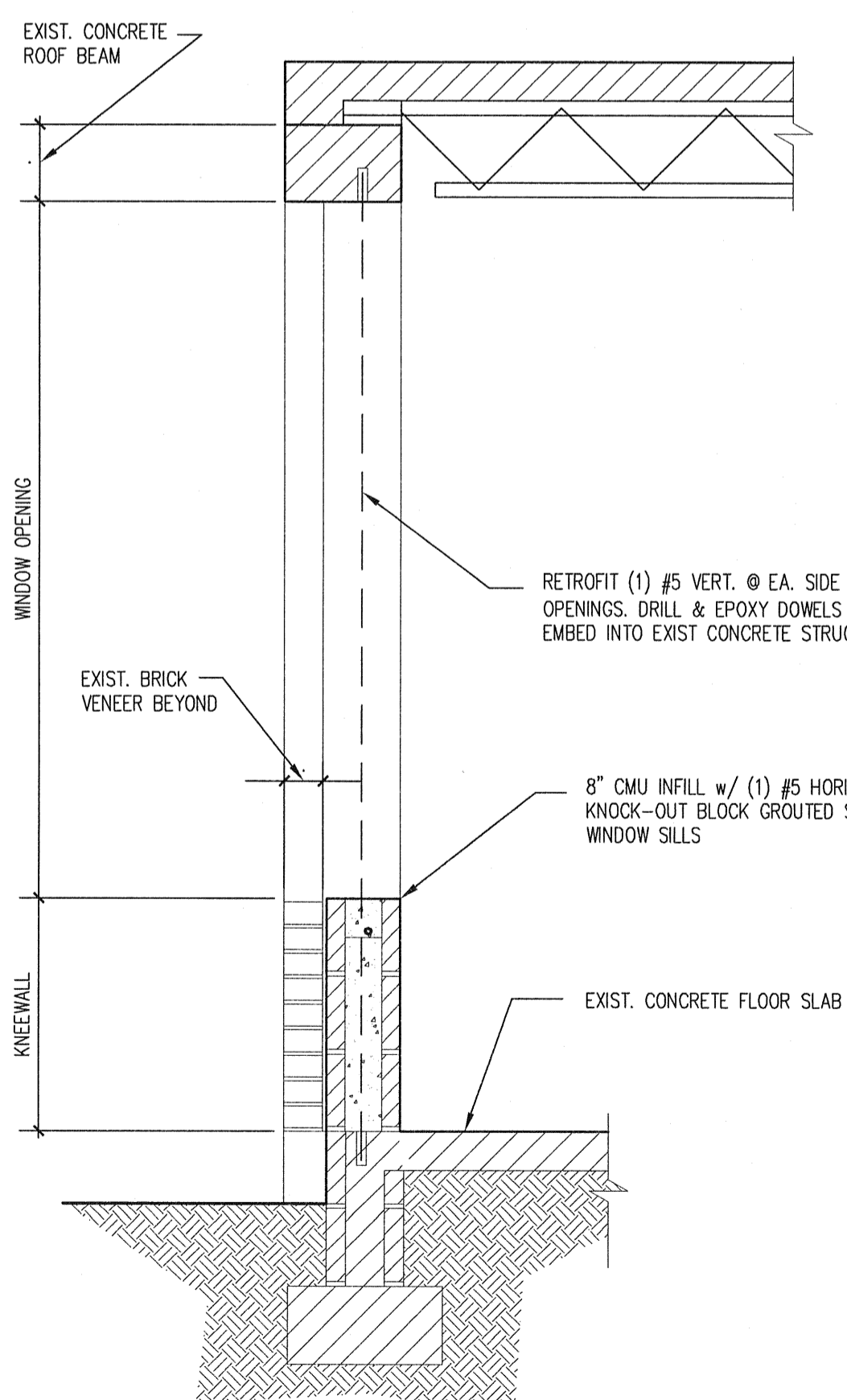
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Attachments



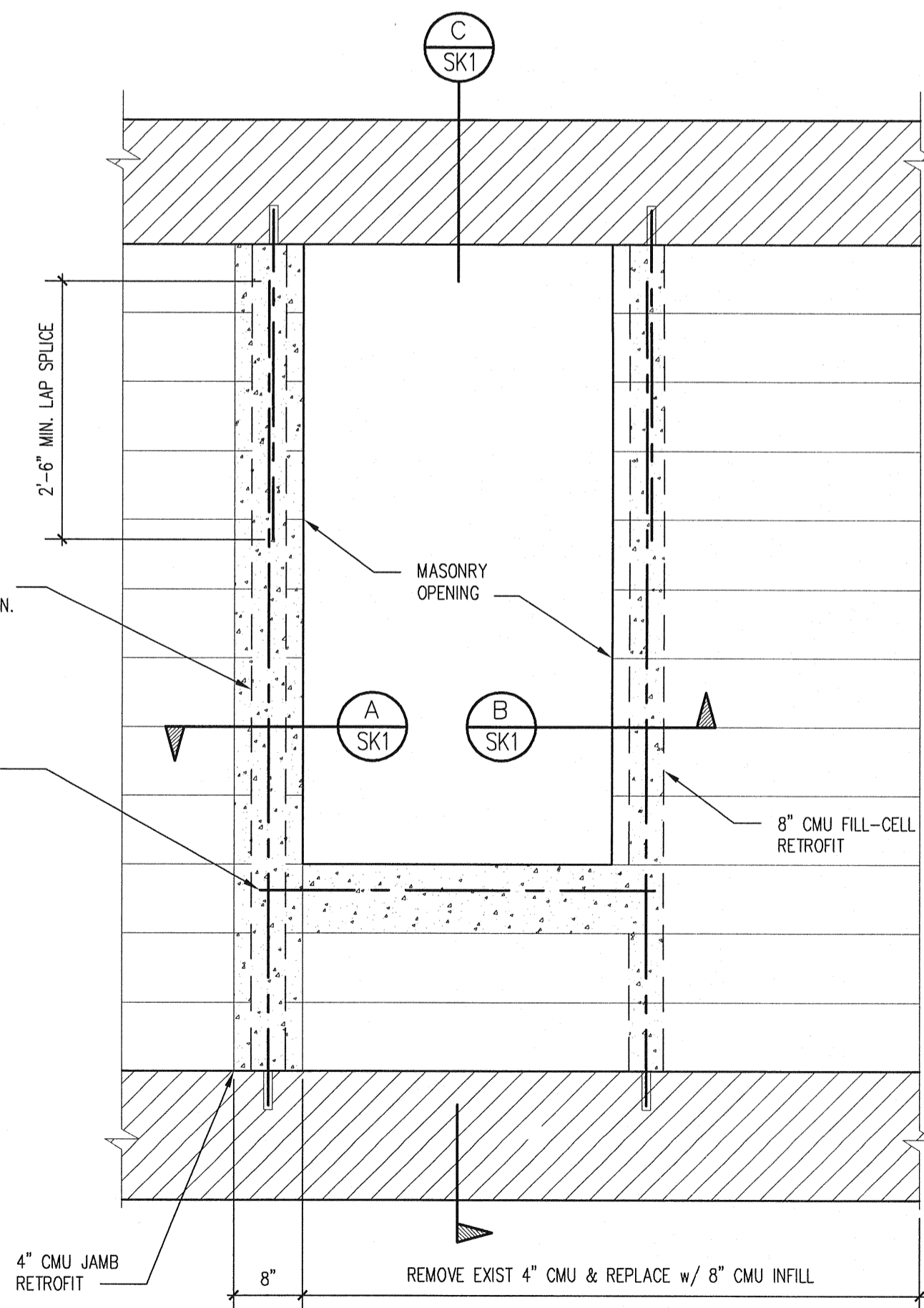
**A**  
SK1  
**JAMB RETROFIT DETAIL**  
SCALE: 1 1/2" = 1'-0"



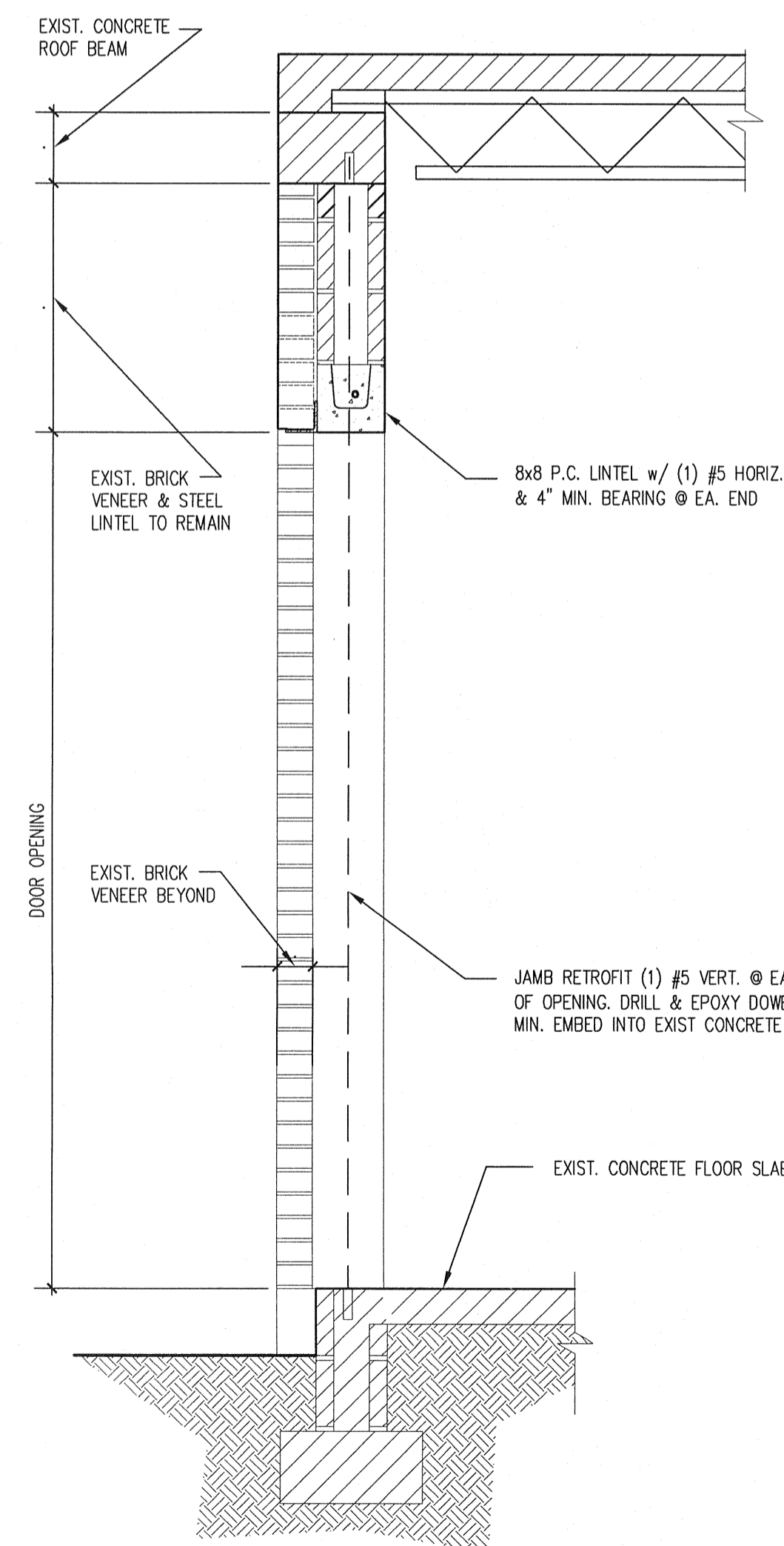
**B**  
SK1  
**FILL-CELL RETROFIT DETAIL**  
SCALE: 1 1/2" = 1'-0"



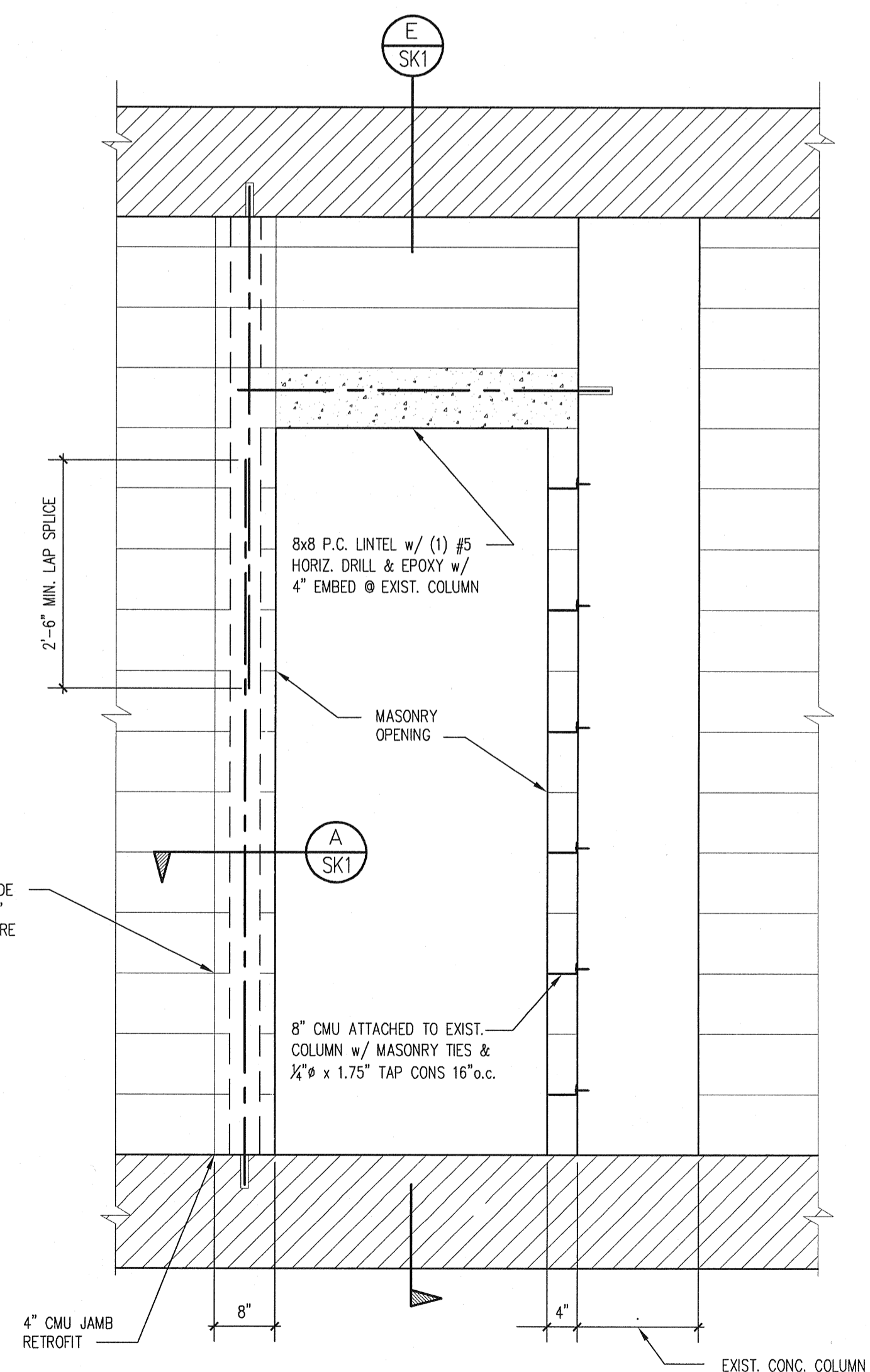
**C**  
SK1  
**WALL SECTION @ WINDOW**  
SCALE: 3/4" = 1'-0"



**D**  
SK1  
**PARTIAL ELEVATION @ WINDOW**  
SCALE: 3/4" = 1'-0"



**E**  
SK1  
**WALL SECTION @ WEST DOOR**  
SCALE: 3/4" = 1'-0"



**F**  
SK1  
**PARTIAL ELEVATION @ DOOR**  
SCALE: 3/4" = 1'-0"

**STRUCTURAL NOTES**

**GENERAL NOTES:**  
STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH JOB SPECIFICATIONS AND ARCHITECTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AND SITE DRAWINGS. CONSULT THESE DRAWINGS FOR SLEEVES, DEPRESSIONS, AND OTHER DETAILS NOT SHOWN ON STRUCTURAL DRAWINGS. ALL DIMENSIONS AND CONDITIONS MUST BE VERIFIED IN THE FIELD. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER BEFORE PROCEEDING WITH THE AFFECTED PART OF THE WORK. THE STRUCTURE IS DESIGNED TO BE SELF-SUPPORTING AND STABLE AFTER THE BUILDING IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE ERECTION PROCEDURES AND SEQUENCE TO INSURE SAFETY OF THE BUILDING AND ITS COMPONENTS DURING ERECTION. THIS INCLUDES THE ADDITION OF NECESSARY SHORING, SHEETING, TEMPORARY BRACING, GUYS OR TIE-DOWNS.

**DESIGN LOADS:**  
THE STRUCTURAL ALTERATIONS FOR THIS BUILDING HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2007 FLORIDA BUILDING CODE & 2009 SUPPLEMENTS AS FOLLOWS:  
WIND:

130 MPH BASIC WIND SPEED (ASCE 7-05).  
EXPOSURE "B", IMPORTANCE FACTOR (I) = 1.0  
"ENCLOSED" BUILDING CLASSIFICATION G<sub>CP</sub> = +/- 0.18  
(MAX. WALL COMPONENTS & CLADDING DESIGN PRESSURE = +34 PSF & -62 PSF)

**CONCRETE:**  
CONCRETE SHALL BE PER AN APPROVED MIX DESIGN PROPORTIONED TO ACHIEVE A STRENGTH AT 28 DAYS OF 3000 PSI.

SUBMIT PROPOSED MIX DESIGN WITH RECENT FIELD TESTS AND STATISTICAL BACK-UP DATA AS PER CHAPTER 5 OF ACI 318-89 FOR REVIEW PRIOR TO USE. EACH MIX SHALL BE UNIQUELY IDENTIFIED BY MIX NUMBER OR OTHER POSITIVE IDENTIFICATION AND INCLUDE A WRITTEN DESCRIPTION INDICATING WHERE EACH PARTICULAR MIX IS TO BE PLACED WITHIN THE STRUCTURE. MIX SHALL MEET THE REQUIREMENTS OF ASTM C33 FOR COARSE AGGREGATE. CONCRETE SHALL COMPLY WITH ALL THE REQUIREMENTS OF ASTM STANDARD D94 FOR MEASURING, MIXING, TRANSPORTING, ETC. CONCRETE SHALL BE PLACED AND CURED ACCORDING TO ALL STANDARDS AND SPECIFICATIONS. CONCRETE TICKETS SHALL BE TIME STAMPED WHEN CONCRETE IS BATCHED. THE MAXIMUM TIME ALLOWED FROM THE TIME THE MIXING WATER IS ADDED UNTIL IT IS DEPOSITED IN ITS FINAL POSITION SHALL NOT EXCEED ONE AND ONE HALF (1-1/2) HOURS. IF FOR ANY REASON THERE IS A LONGER DELAY THAN THAT STATED ABOVE, THE CONCRETE SHALL BE DISCARDED. IT SHALL BE THE RESPONSIBILITY OF THE TESTING LAB TO NOTIFY THE OWNER'S REPRESENTATIVE AND THE CONTRACTOR OF ANY NONCOMPLIANCE WITH THE ABOVE. CALCIUM CHLORIDES SHALL NOT BE UTILIZED; OTHER ADMIXTURES MAY BE USED ONLY WITH THE APPROVAL OF THE ENGINEER.

**FORMWORK AND SHORING:**

NO STRUCTURAL CONCRETE SHALL BE STRIPPED UNTIL IT HAS REACHED AT LEAST TWO-THIRDS OF THE 28 DAY DESIGN STRENGTH. DESIGN, ERECTION AND REMOVAL OF ALL FORMWORK, SHORES AND RESHORES SHALL MEET THE REQUIREMENTS SET FORTH IN ACI STANDARDS 347 AND 301.

**MASONRY WALLS:**

MASONRY UNITS SHALL MEET ASTM C-90 FOR HOLLOW LOAD BEARING TYPE MASONRY WITH UNIT STRENGTH OF 1900 PSI ON THE NET AREA (f<sub>m</sub> = 1500 PSI). MORTAR SHALL BE TYPE "M" OR "S" AND MEET ASTM C-270. GROUT SHALL BE 2000 PSI MINIMUM COMPRESSIVE STRENGTH AND MEET ASTM C-476.

**REINFORCING STEEL:**

SHALL BE ASTM A615 GRADE 60 DEFORMED BARS, FREE FROM OIL, SCALE AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL BENDING DIAGRAM AND PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS. SECURE APPROVAL OF SHOP DRAWINGS PRIOR TO COMMENCING FABRICATION. WELDED WIRE FABRIC, TO CONFORM TO ASTM A-185, FREE FROM OIL, SCALE AND RUST AND PLACED IN ACCORDANCE WITH THE TYPICAL PLACING DETAILS OF ACI STANDARDS AND SPECIFICATIONS.

**CHEMICAL ANCHORS:**

SHALL BE AN EQUAL TWO PART STRUCTURAL EPOXY, SUCH AS RAMSET "EPCON", RAML "POWER-FAST", SIMPSON STRONG-TIE "ET", OR ENGINEER APPROVED SUBSTITUTION, INSTALLED IN ACCORDANCE WITH MANUFACTURERS INSTRUCTIONS.

**PENETRATIONS:**

NO PENETRATIONS SHALL BE MADE IN ANY STRUCTURAL MEMBERS OTHER THAN THOSE LOCATED ON THESE DRAWINGS WITHOUT PREVIOUS APPROVAL OF THE ENGINEER.

**STRUCTURAL STEEL:**

SHALL CONFORM TO ASTM A36 or A992 & THE "SPECIFICATION FOR THE DESIGN, FABRICATION AND ERECTION OF STRUCTURAL STEEL FOR BUILDINGS" BY THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION, INC. ALL SHOP CONNECTIONS TO BE WELDED (UTILIZING E70XX ELECTRODES) AND FIELD CONNECTIONS TO BE BOLTED, UNLESS NOTED OTHERWISE. STEEL TO RECEIVE ONE SHOP COAT AND ONE FIELD TOUCH UP COAT OF APPROVED PAINT, EXCEPT WHERE GALVANIZING IS INDICATED ON THE DRAWINGS.

CLEVIN W. WARRINGTON, P.E.  
E.L. License No. 46023  
Signature  
JUL 8 2010

**ZNS ENGINEERING**  
ENGINEERS PLANNERS SURVEYORS  
LANDSCAPE ARCHITECTS ENVIRONMENTAL CONSULTANTS  
POST OFFICE BOX 948 BRADENTON, FL 34205 301.361.9746 FAX 301.361.9434  
E-MAIL: ZNS@ZNS.COM WEBSITE: WWW.ZNS.COM

REVISIONS

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STRUCTURAL ALTERATION DETAILS  
FOR  
MC JUVENILE PROCESSING CENTER  
LOCATED AT  
421 17th AVE. WEST, BRADENTON, FLORIDA

DESIGNED: *GW*  
DRAWN: *GW*  
DATE: 7/9/2010  
JOB NO. 00-42074  
SCALE: AS SHOWN

SHEET  
**SK-1**

PROJECT NAME  
 MANATEE COUNTY  
 SHERIFFS' JUVENILE  
 PROCESSING CENTER

OWNERS NAME AND ADDRESS  
 MANATEE COUNTY  
 421 17TH AVE. WEST  
 BRADENTON, FLORIDA

ISSUED FOR  
 BIDDING AND CONSTRUCTION  
 NOV. 23, 2009

PROJECT NUMBER  
 BMK 20903

SIGNSEAL

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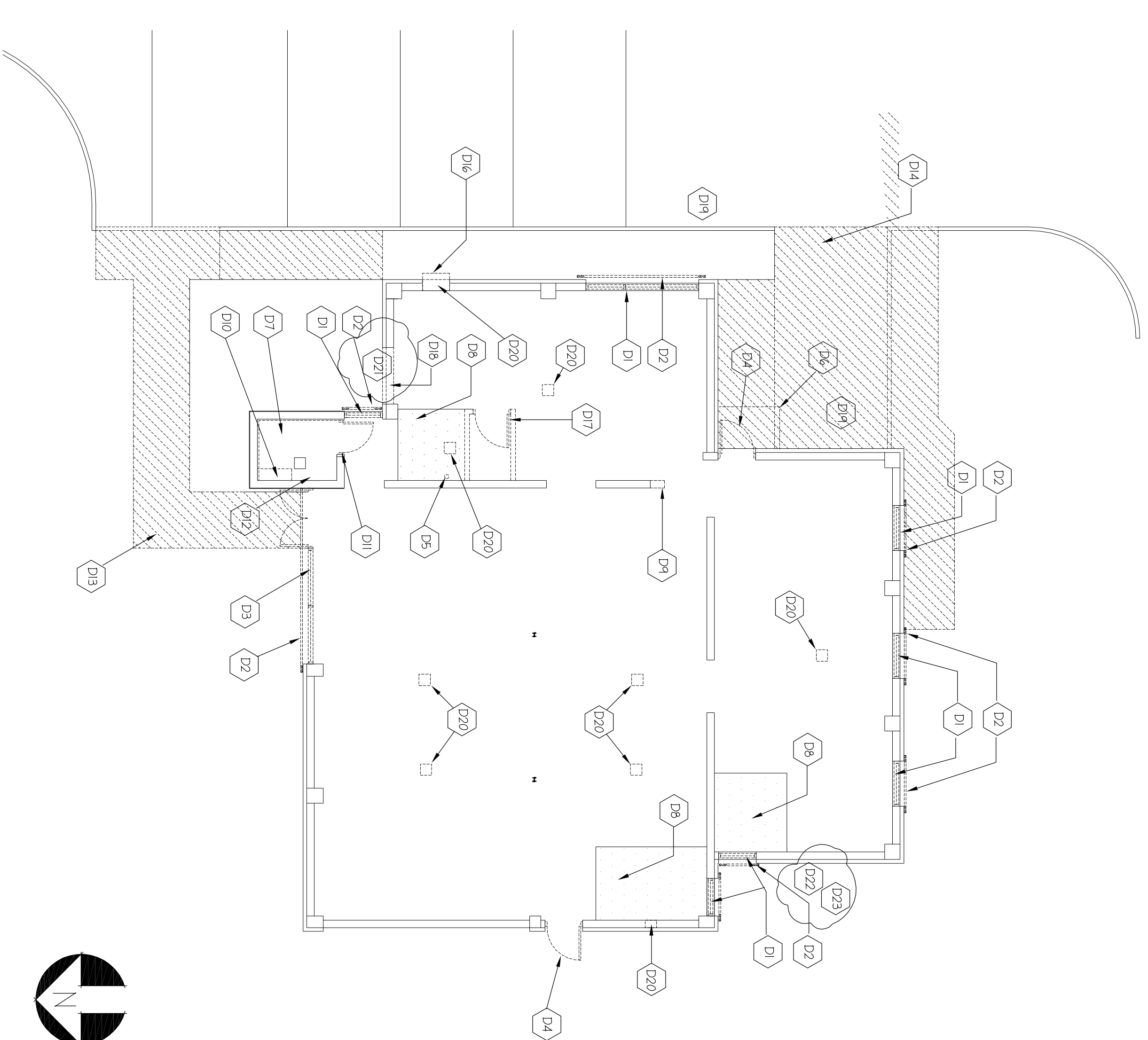
KEY PLAN

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 DATE \_\_\_\_\_ 10-01-09  
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DEMOLITION FLOOR PLAN

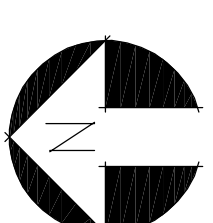
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AD-101



EXISTING DEMOLITION FLOOR PLAN

1/8" = 1' - 0"



- D1 REMOVE EXISTING ALUMINUM WINDOW AND CERAMIC WINDOW SILL.
- D2 REMOVE EXISTING HURRICANE SHUTTERS, CAULK ALL ANCHORAGE OPENINGS.
- D3 REMOVE EXISTING ALUMINUM DOOR AND WINDOW FRAME.
- D4 REMOVE EXISTING ALUMINUM DOOR AND FRAME.
- D5 REMOVE EXISTING PUMPING, CARRIER AND CAP LINES. SEE EXISTING DRAWINGS.
- D6 REMOVE EXISTING ALUMINUM ANNING COVER, PREPARE FOR NEW INSTALL/CANVAS, PATCH AND CAULK ANCHORAGE HOLES.
- D7 REMOVE EXISTING WASHER/DRYER PLUMBING - SEE PLUMBING DRWS.
- D8 CHIP CONCRETE FLOOR DOWN 1" TO ALLOW NEW FLOORING MATERIAL TO FLUSH WITH EXISTING FLOOR.
- D9 SAW CUT BLOCK WALL TO NEW OPENING WIDTH, PATCH FLOOR FOR NEW FLOOR FINISH.
- D10 REMOVE CHASE, DUCTWORK, FOR NEW RESTROOM.
- D11 REMOVE EXISTING DOOR, ANDSACUT BLOCK WALL FOR NEW DOOR OPENING, PATCH FLOOR AS NECESSARY.
- D12 REMOVE EXISTING CERAMIC TILE FLOOR AND BASE, PREPARE FLOOR FOR NEW TILE.
- D13 REMOVE EXISTING SIDE, FILL AND REPLACE WITH NEW SOD.
- D14 REMOVE EXISTING CONCRETE SIDEWALK AND EXISTING DRIVEWAY.
- D15 REMOVE EXISTING CONCRETE CURB FOR NEW HANDICAP RAMP.
- D16 REMOVE EXISTING METAL CAGE FOR AIR CONDITIONER AND FILL IN OPENING..
- D17 REMOVE EXISTING WOOD STUD WALL, DOOR, AND FLOORING. COORDINATE WORK WITH ELECTRICAL AND DATA DRAWINGS.
- D18 SNAKOUT NEW OPENING INTO BLOCK AND BRICK WALL FOR NEW DOOR OPENING.
- D19 REMOVE EXISTING PARKING BUTTER COORDINATE WITH OWNER ON REUSING AT ADJACENT COUNTY BUILDINGS
- D20 REMOVE ABANDONED ROOF PENETRATIONS AND SHELL
- D21 REMOVE EXISTING DOWNSPOUT REMORK GUTTER FOR NEW DOWNSPOUT
- D22 REATTACH EXISTING DOWN SPOUT TO GUTTER, ESTABLISH NEW DRAIN - FLUSH STORM DRAIN TO ASSURE FLOW
- D23 PREPARE GRADE TO BE RESLOPED AWAY FROM BUILDING

DEMOLITION NOTES

3

GENERAL DEMOLITION NOTES

1

- 1 VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK. NOTIFY ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.
- 2 COORDINATE DEMOLITION WORK WITH NEW LAYOUT. COORDINATE WORK WITH DEMOLITION AND NEW WORK SHOWN ON MECHANICAL, ELECTRICAL, PLUMBING, AND CIVIL DRAWINGS.
- 3 WHERE EXISTING MATERIALS ARE INDICATED TO BE REMOVE, SURFACES AND EDGES SHALL BE SUITABLE FOR THE INSTALLATION OF NEW WORK. REMOVE PAINT, DUST, MORTAR, FASTENERS, ETC. WHICH WILL BE DETRIMENTAL TO THE INSTALLATION OF NEW MATERIALS.
- 4 WHERE SURFACES ARE DAMAGED BY DEMOLITION OR CONSTRUCTION INCLUDING THE PATCH SHEET, REPAIR AND REFINISH TO MATCH EXISTING. IN MATERIAL, SIZE, ALIGNMENT, JOINT WORK, FINISHES, COLOR, TEXTURE AND QUALITY. BLEND AND ALIGN EDGES WITH EXISTING.
- 5 CONTRACTORS TO PROVIDE ALL LABOR MATERIALS, EQUIPMENT, DELIVERY, OVERSEER AND SUPERVISOR. PROVIDE LIST TO ACCOMPLISH THE RELATED WORK AREAS.
- 6 REMOVE ALL ABANDONED PIPING AND PIPING ACCESSORIES. PROVIDE PERMANENT AND TEMPORARY SEALS OVER OPEN ENDS OF ALL PIPING TO REMAIN. SEE MEP DRAWINGS FOR FURTHER INFORMATION.
- 7 OWNER HAS COMPLETED A SEPARATE HAZARDOUS MATERIAL SURVEY, WHICH IS AVAILABLE THRU THE OWNER PRIOR TO THE RECEIPT OF BIDS. CONTRACTOR TO NOTIFY THE OWNER IF UNKNOWN HAZARDOUS MATERIALS IS FOUND.
- 8 SNAKOUT EXISTING CONCRETE FLOORS FOR NEW UNDERGROUND PIPING - SEE MEP DRAWINGS

PROJECT NAME  
 MANATEE COUNTY  
 SHERIFF'S JUVENILE  
 PROCESSING CENTER

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SIGNSEAL

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CHECKED BY \_\_\_\_\_

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DATE 10-01-09

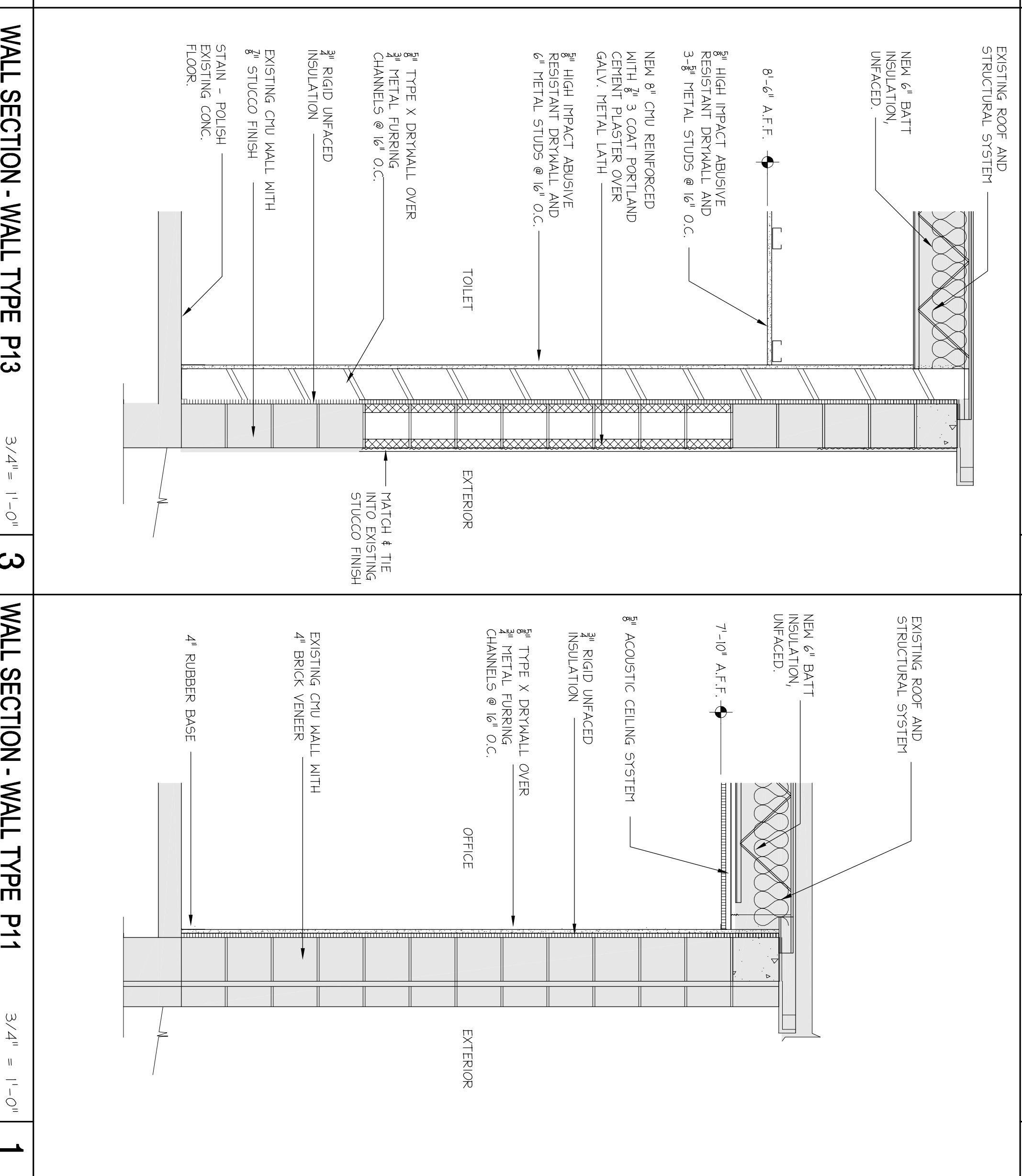
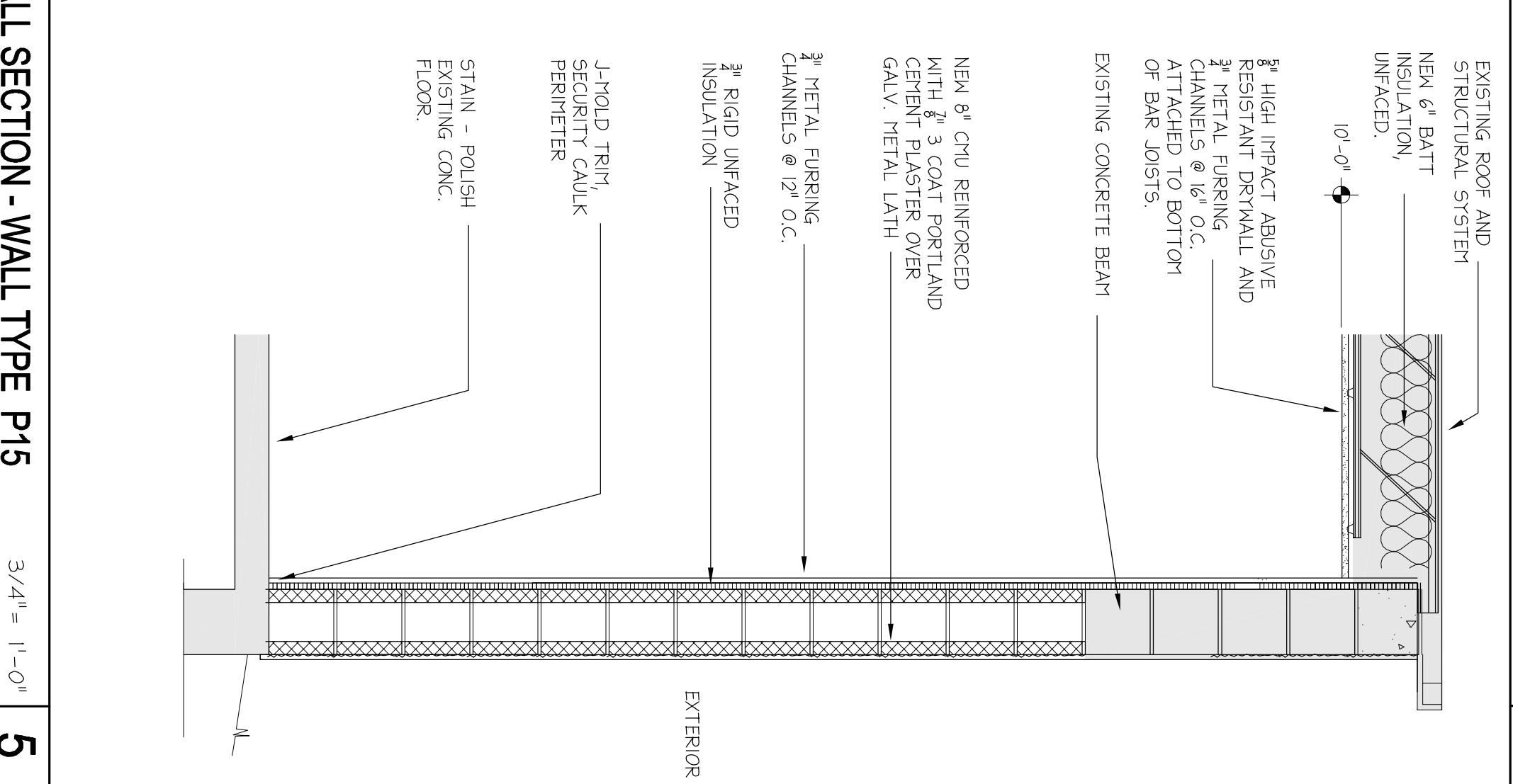
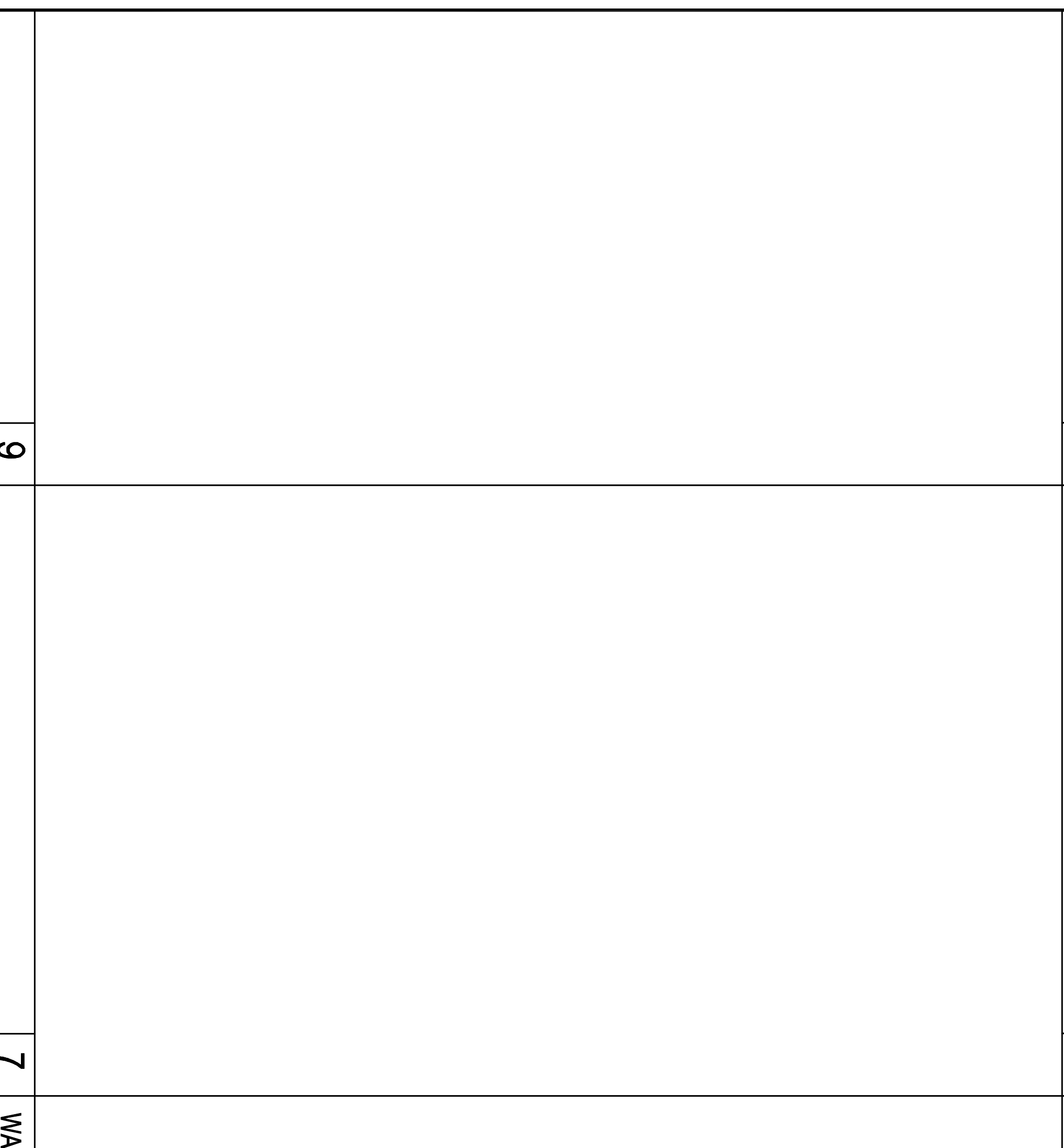
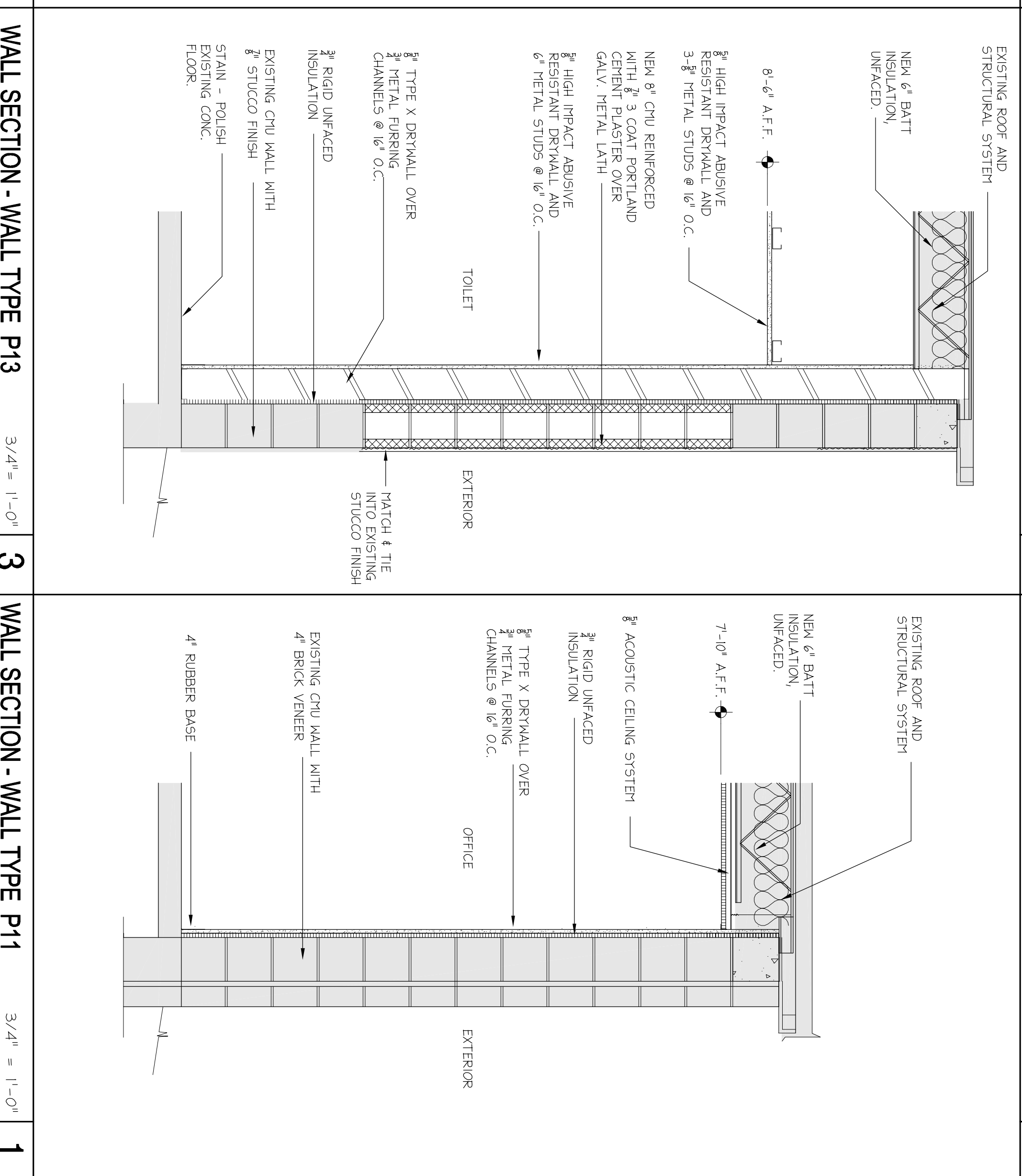
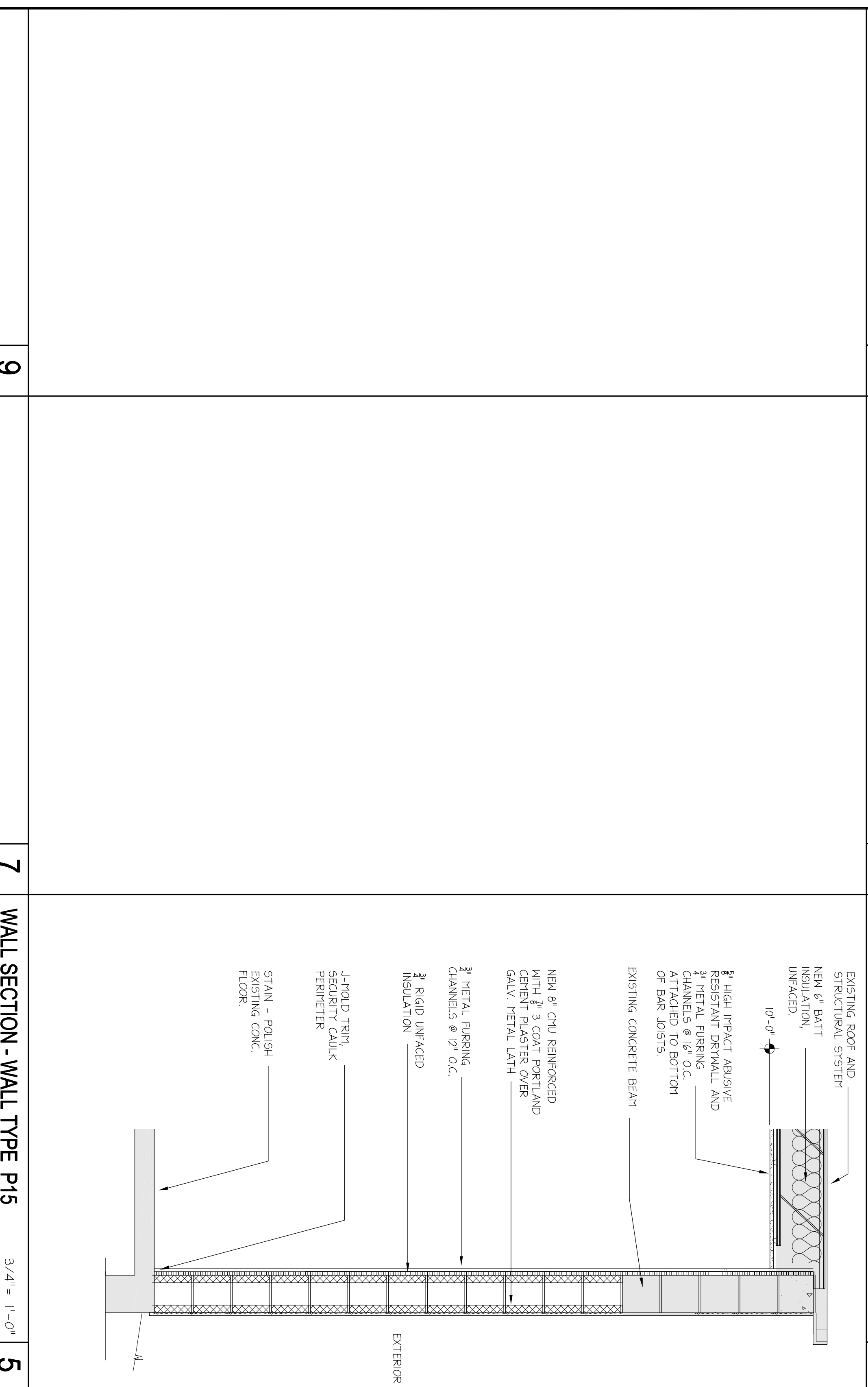
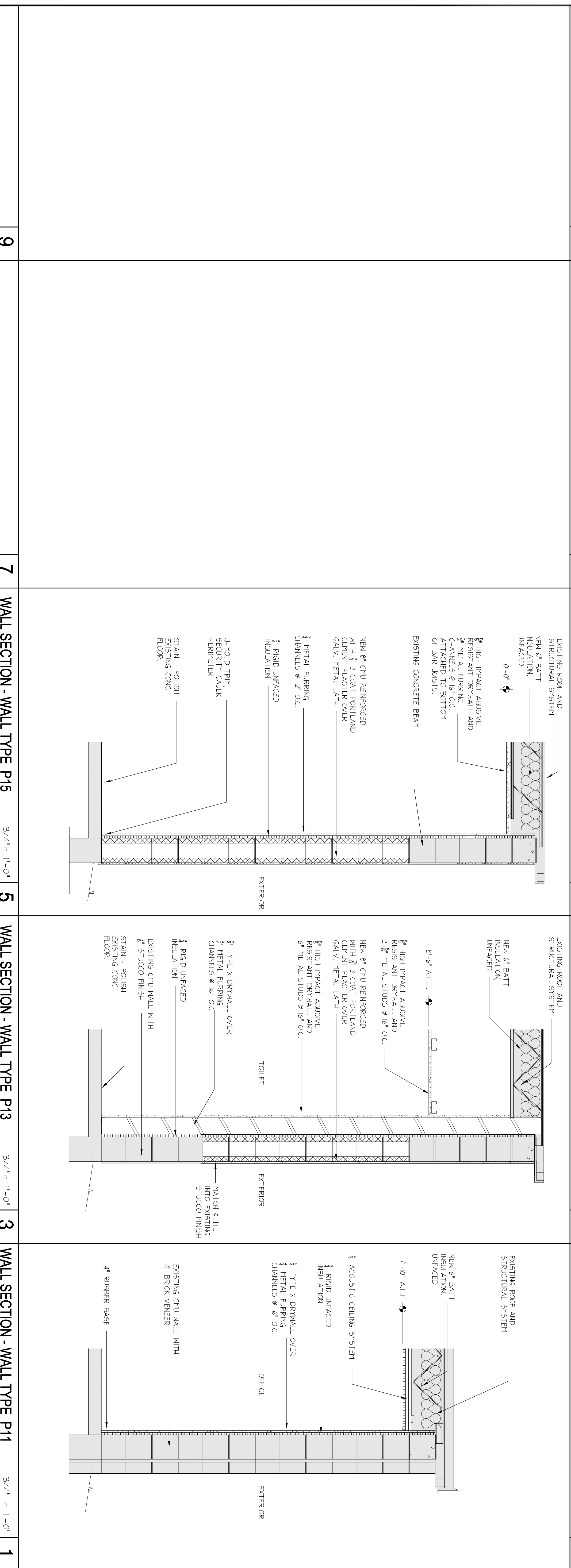
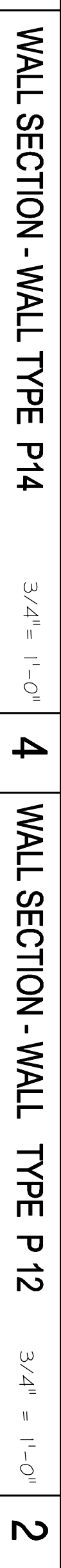
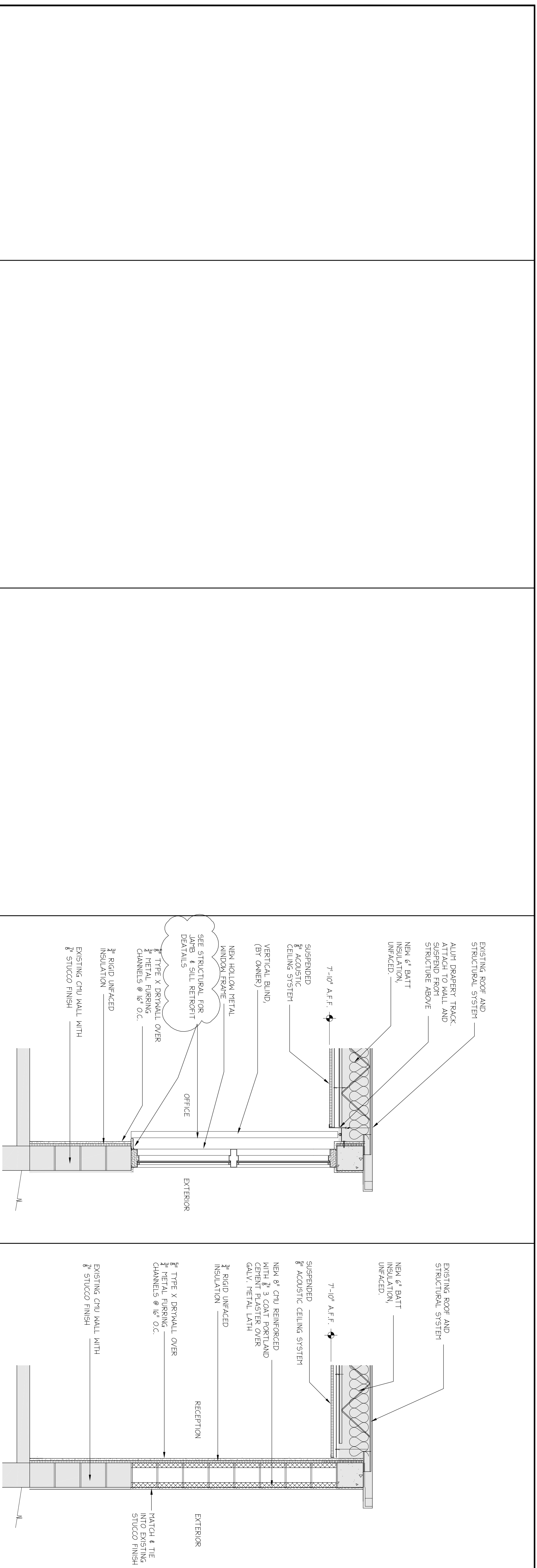
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WALL SECTIONS

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A-105



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SHEET TITLE

WALL SECTIONS

SHEET NUMBER

A-105

PROJECT NAME  
 MANATEE COUNTY  
 SHERIFF'S JUVENILE  
 PROCESSING CENTER

OWNER'S NAME AND ADDRESS  
 MANATEE COUNTY  
 421 17TH AVE. WEST  
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PRODUCT NUMBER  
 BMK 20903  
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REVISIONS

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KEY PLAN

SHEET TITLE  
 DOOR & WINDOW  
 SCHEDULE AND DETAILS

SHEET NUMBER  
 A-106

DOOR NO.	DOOR (W x H x T)		TYPE, SEE THIS SHEET	MATERIAL	FINISH	GLAZING	LOUVER	LABEL	RATING	ELEV. SEE THIS SHEET	FRAME			DETAILS					HARDWARE SET	SPECIFIC DOOR NOTES
	A	B									PT	PT	PT	GL3	HEAD	JAMB	JAMB	SILL		
101	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL3	-	-	-	-	4	Ht1	5 3/4"	PT	GL3	8 A106	9 A106	15 A106			
102	3'-0" x 7'-0" x 1-3/4"	A	Ht1	PT	-	-	-	-	-	2	Ht1	5 3/4"	PT	-	7A A106	7B A106	14 A106			
103	3'-0" x 7'-0" x 1-3/4"	A	Ht1	PT	-	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
104	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL2	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
105	3'-0" x 7'-0" x 1-3/4"	A	Ht1	PT	-	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
106	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	-	-	-	-	-	3	Ht1	5 3/4"	PT	GL4	8 A106	9 A106	15 A106			
107	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	-	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
108	3'-0" x 7'-0" x 1-3/4"	C	Ht1	PT	GL2	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
109	3'-0" x 7'-0" x 1-3/4"	C	Ht1	PT	GL2	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
110	3'-0" x 7'-0" x 1-3/4"	C	Ht1	PT	GL2	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
111	3'-0" x 7'-0" x 1-3/4"	A	Ht1	PT	GL2	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
112	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL2	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
113	3'-0" x 7'-0" x 1-3/4"	A	Ht1	PT	-	-	-	-	-	1	Ht1	5 3/4"	PT	-	5 A106	6 A106	14 A106			
114	3'-0" x 7'-0" x 1-3/4"	A	Ht1	PT	-	-	-	-	-	3	Ht1	5 3/4"	PT	GL3	8 A106	9 A106	15 A106			
115	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL2	-	-	-	-	1	Ht1	5 3/4"	PT	-	8 A106	9 A106	15 A106			
116	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL2	-	-	-	-	5	Ht1	5 3/4"	PT	GL2	5 A106	6 A106	14 A106			
117	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL2	-	-	-	-	5	Ht1	5 3/4"	PT	GL2	5 A106	6 A106	14 A106			
118	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL2	-	-	-	-	5	Ht1	5 3/4"	PT	GL2	5 A106	6 A106	14 A106			
119	3'-0" x 7'-0" x 1-3/4"	B	Ht1	PT	GL2	-	-	-	-	5	Ht1	5 3/4"	PT	GL2	5 A106	6 A106	14 A106			

ABBREVIATIONS

AL - ALUMINUM  
 HM - HOLLOW METAL  
 PT - PAINT  
 PF - PREFINISHED (COORDINATE COLOR SELECTIONS WITH ARCHITECT AND OWNER)

GLAZING SYMBOLS

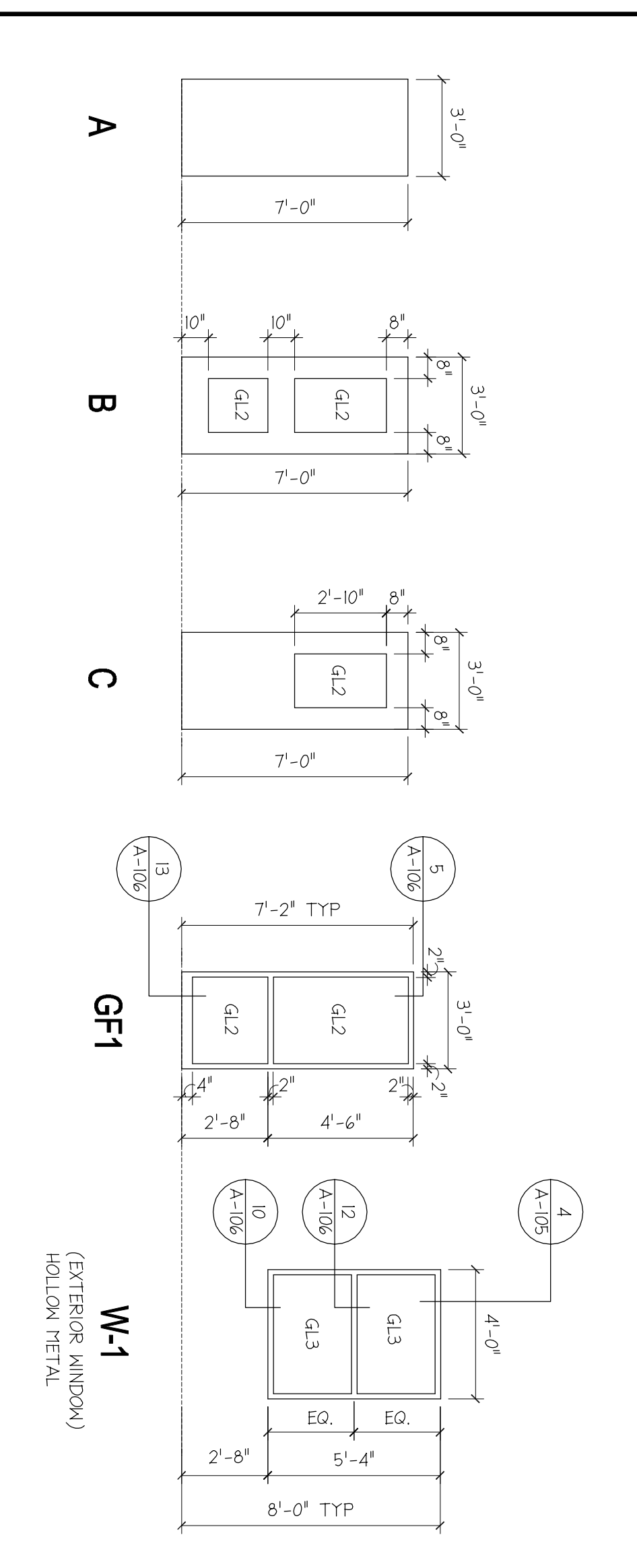
GL1 - 1/4" CLEAR THERMOPAN GLAZING  
 GL2 - 5/8" SECURITY GLASS - SEE SECURITY GLAZING SPECS  
 GL3 - 5/16" TINTED HURRCANE IMPACT RESISTANCE GLASS

GENERAL NOTES:

- UNDERCUT ALL DOORS PER MECHANICAL DRAWINGS (TYPICAL)
- ALL DOORS SHALL MEET ADA ACCESSIBILITY REQUIREMENTS
- SEE HARDWARE SCHEDULE FOR THRESHOLD TYPICAL
- ALL GLAZED STORE FRONT AND ENTRANCE FRAMES SHALL BE REINFORCED TO MEET ALL WIND LOADS PER CODE REINFORCING SHALL BE BY HM MANUFACTURE
- ADA SIGNAGE LOCATION ON LATCH SIDE OF DOOR W/ PLASTIC BACKER

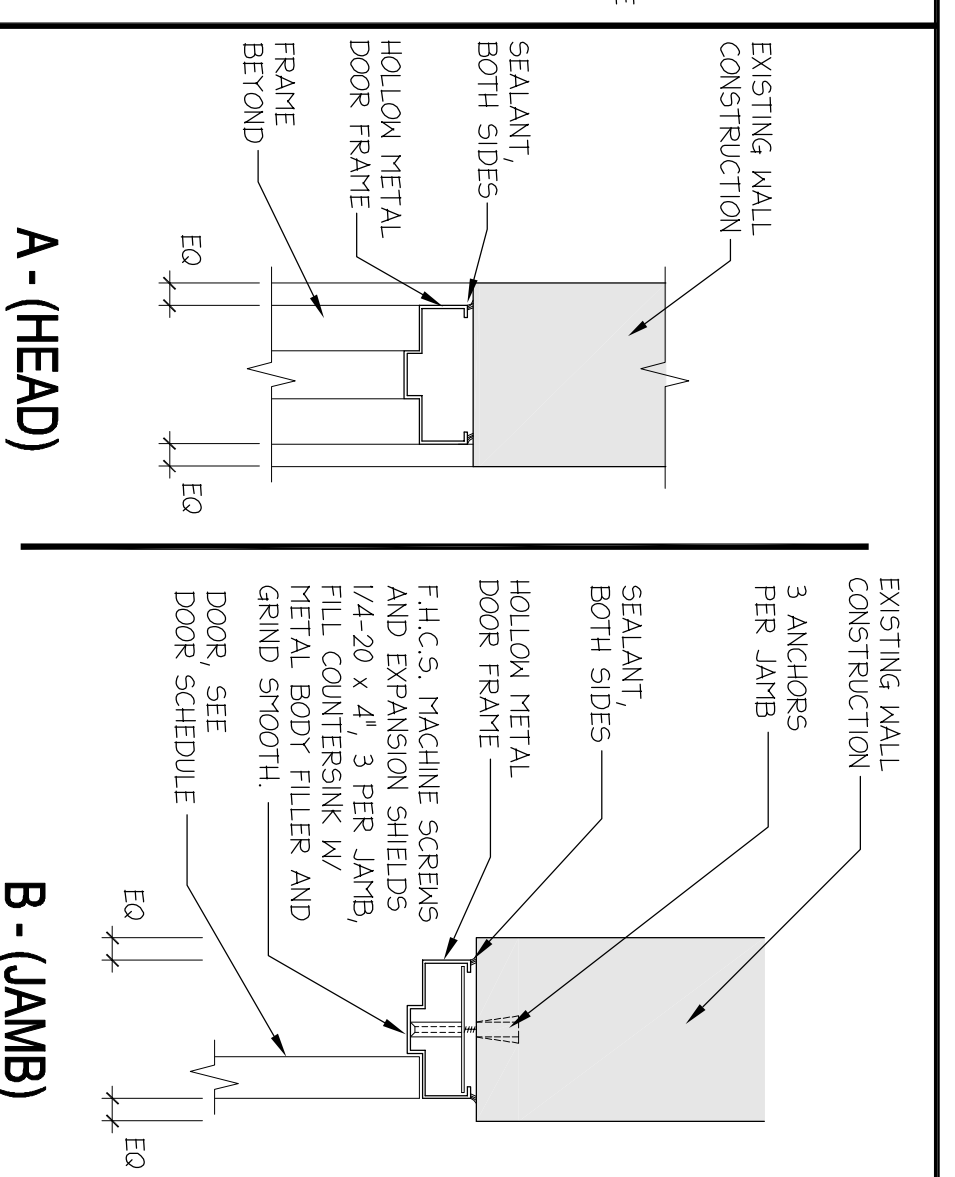
DOOR AND FRAME SCHEDULE

NTS 3



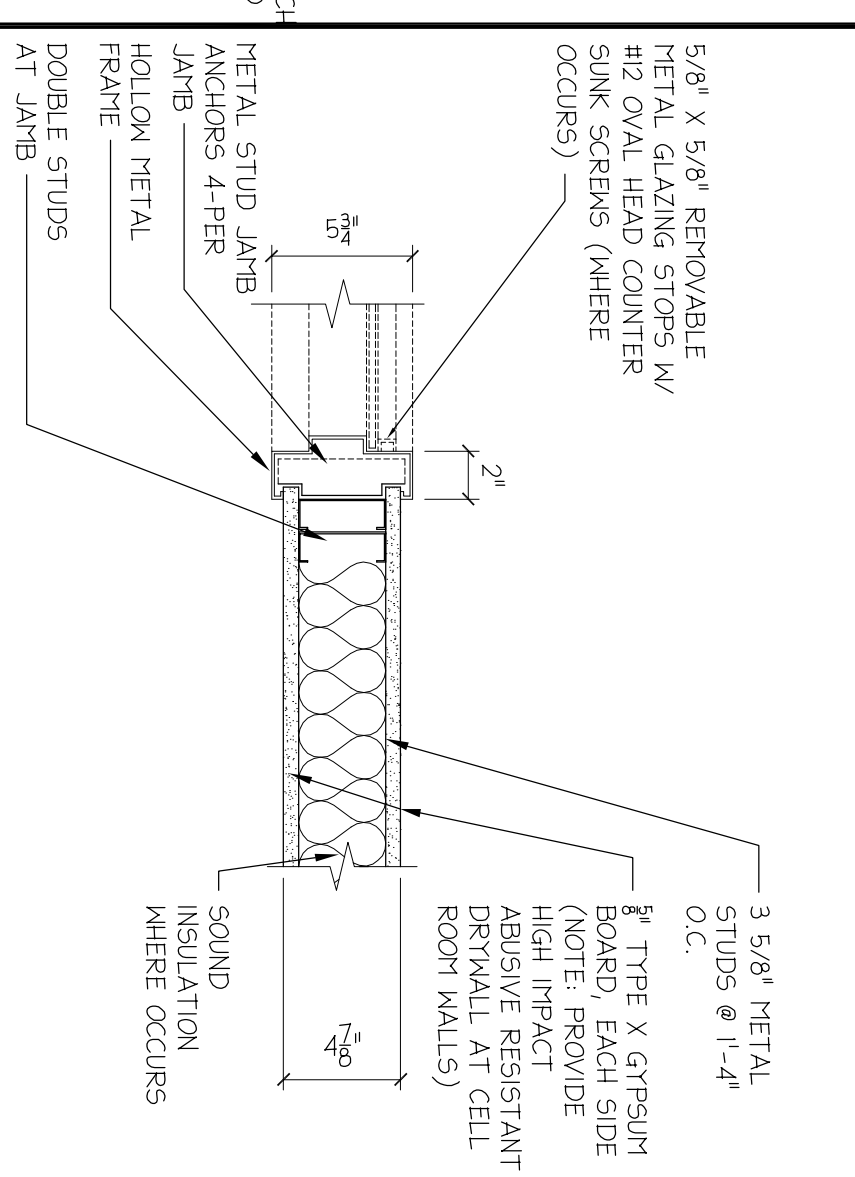
DOOR TYPES AND WINDOW TYPES

1/4" = 1'-0" 2



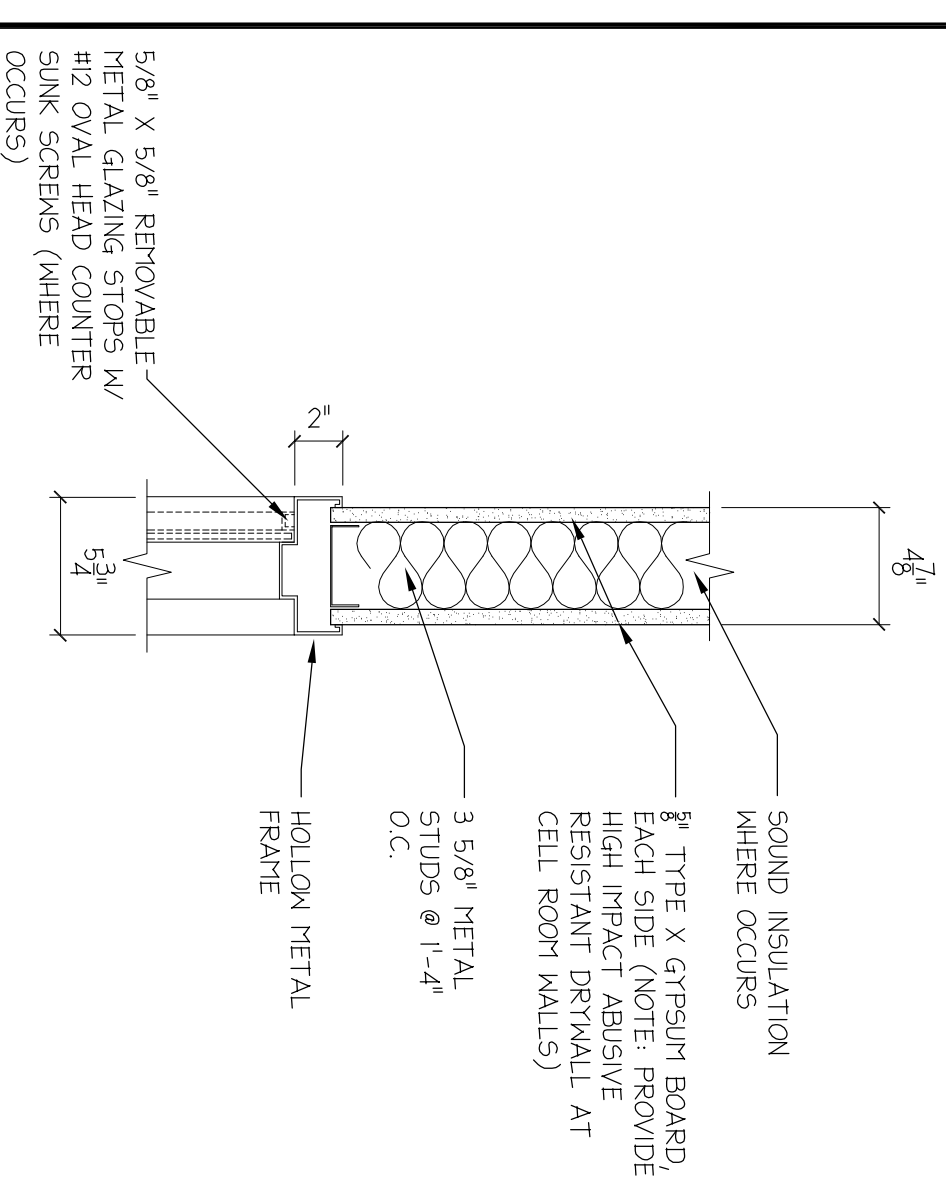
INTERIOR CMU WALL

1/2" = 1'-0" 7



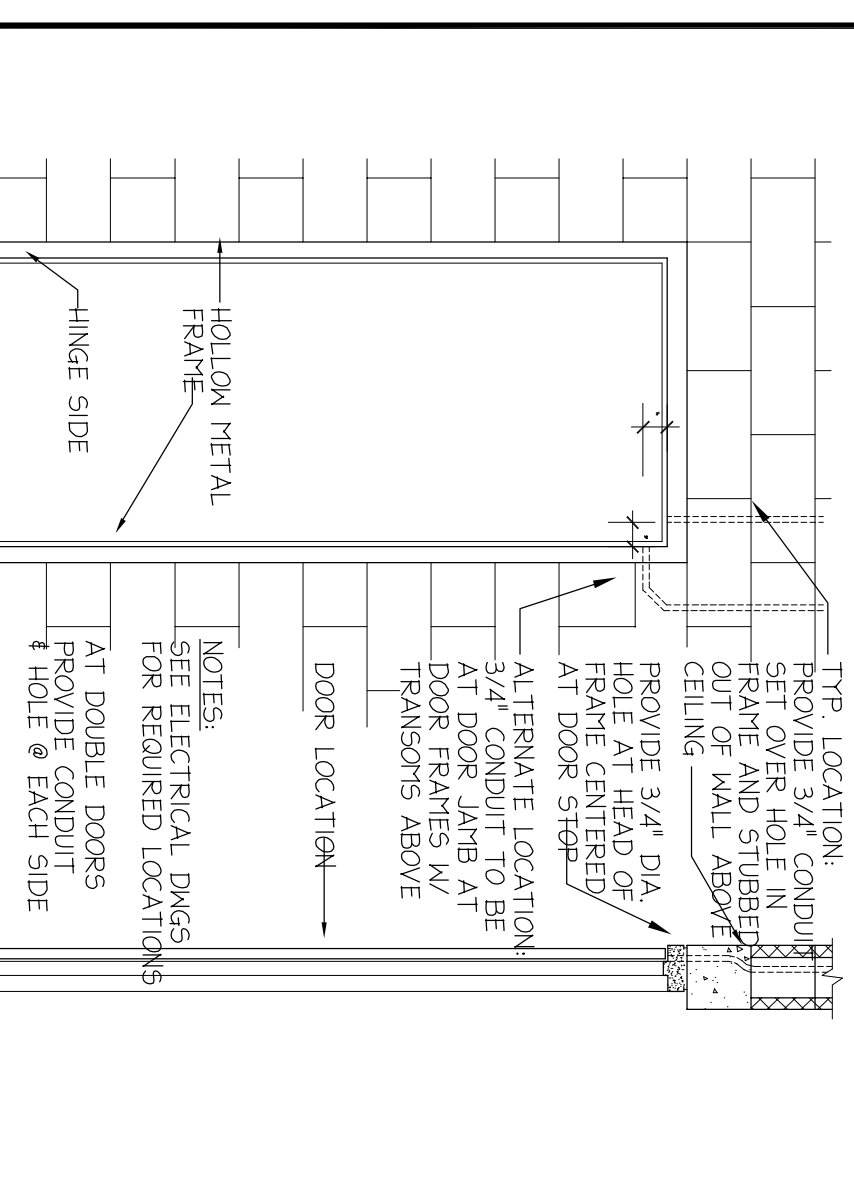
JAMB - INT. STUD/DRYWALL (5" NOM.)

1/2" = 1'-0" 6



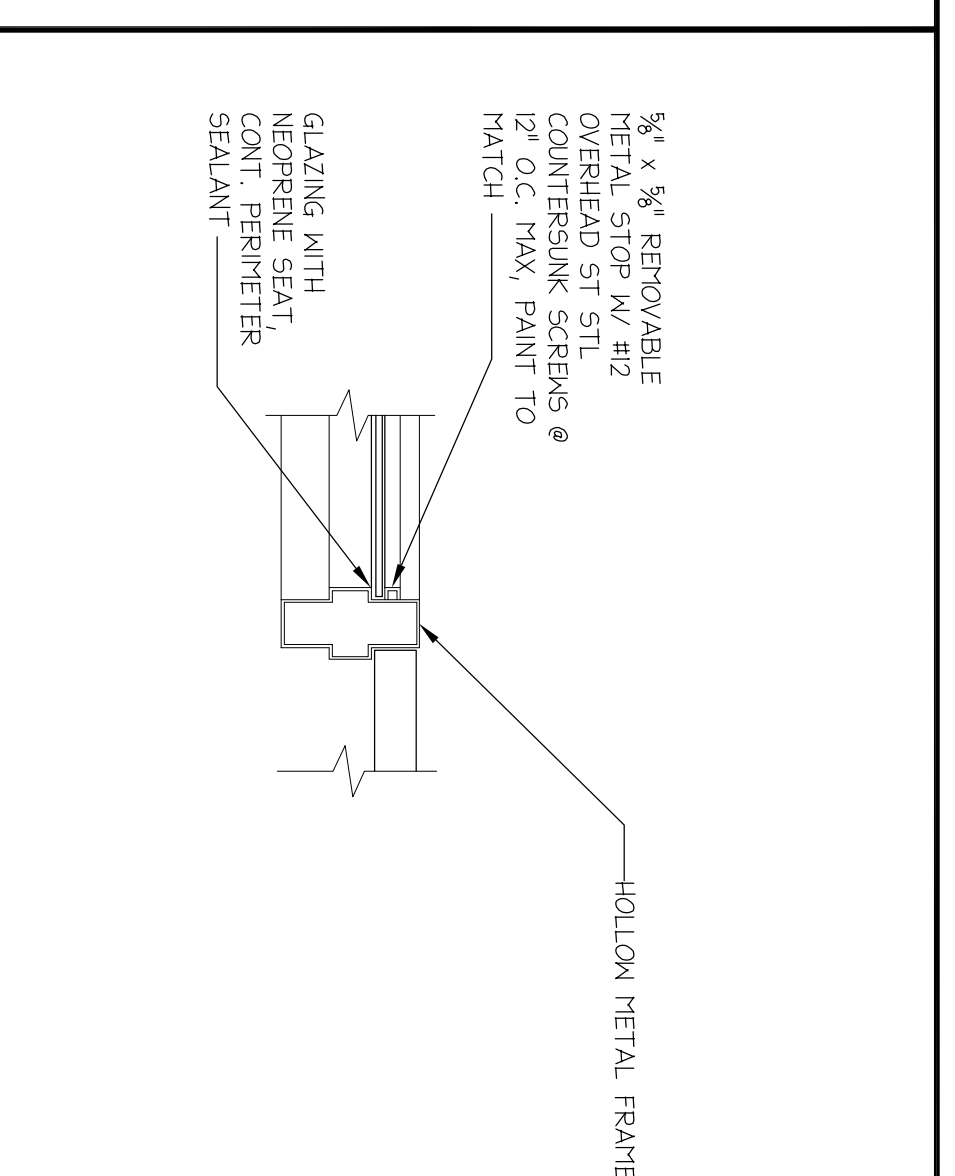
HEAD - INT. STUD/DRYWALL (5" NOM.)

1/2" = 1'-0" 5



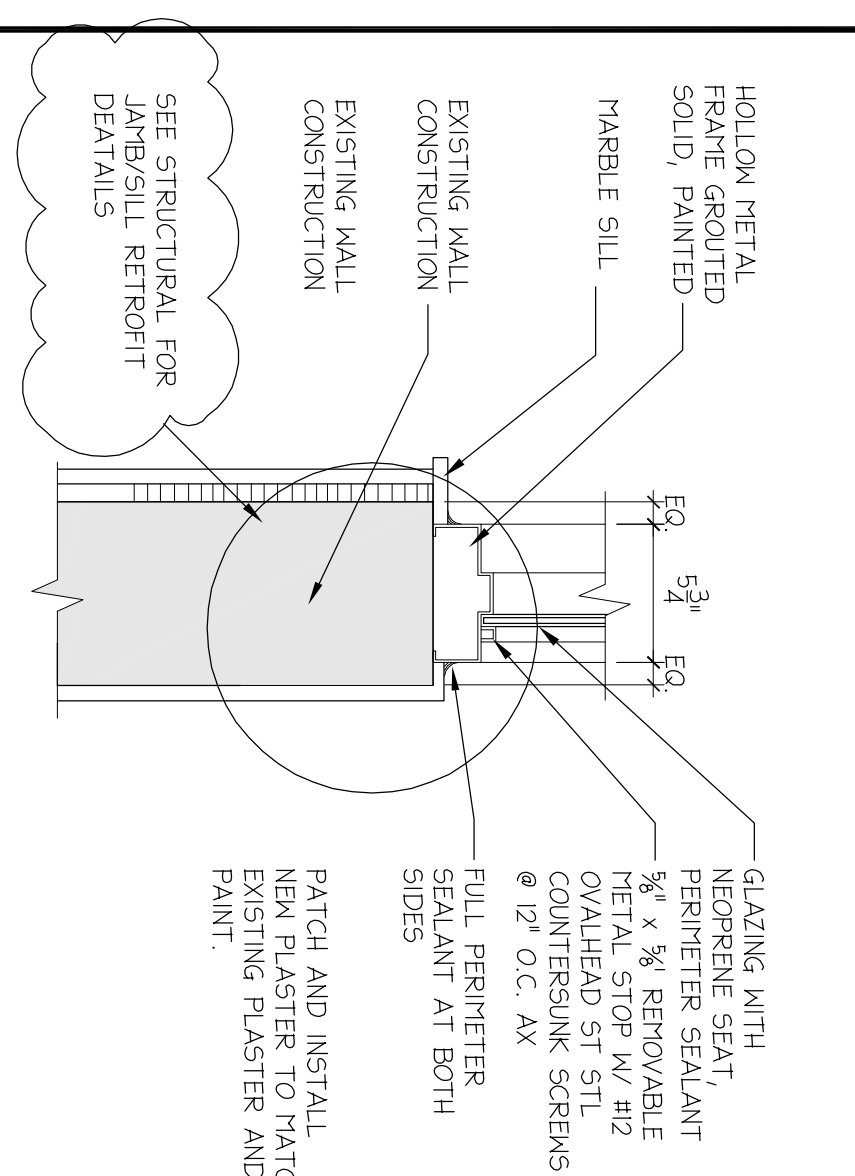
SECURITY CONDUIT DETAIL

1/2" = 1'-0" 4



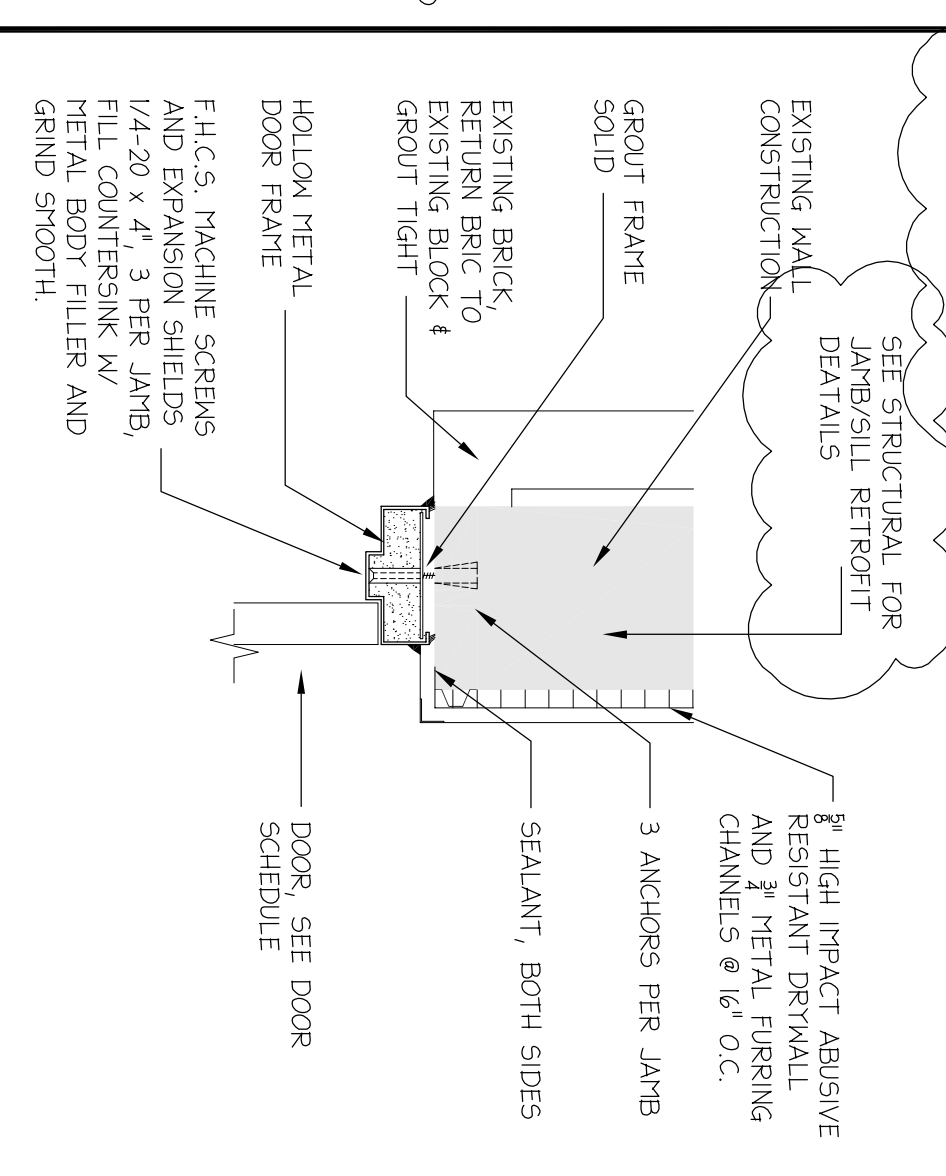
JAMB AT INT HM GLAZED FRAME

1/2" = 1'-0" 11



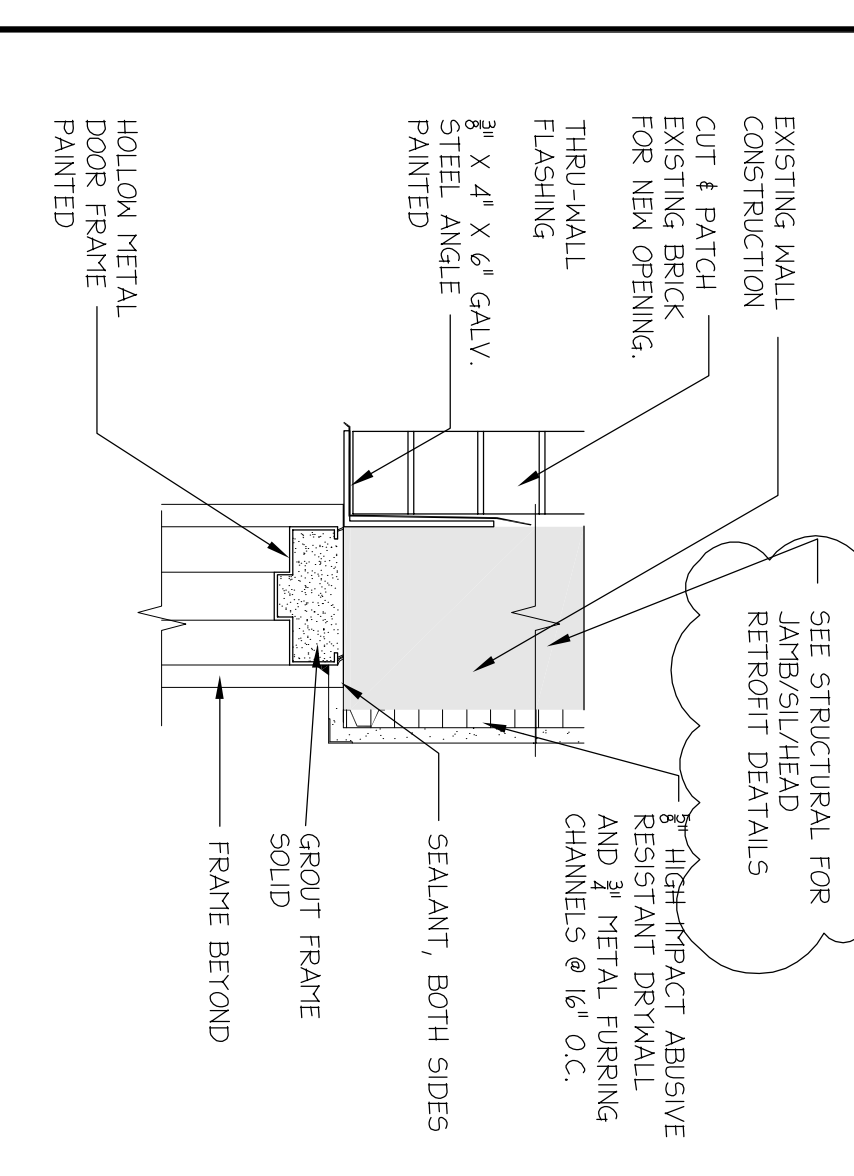
SILL AT EXT HM GLAZED FRAME

1/2" = 1'-0" 10



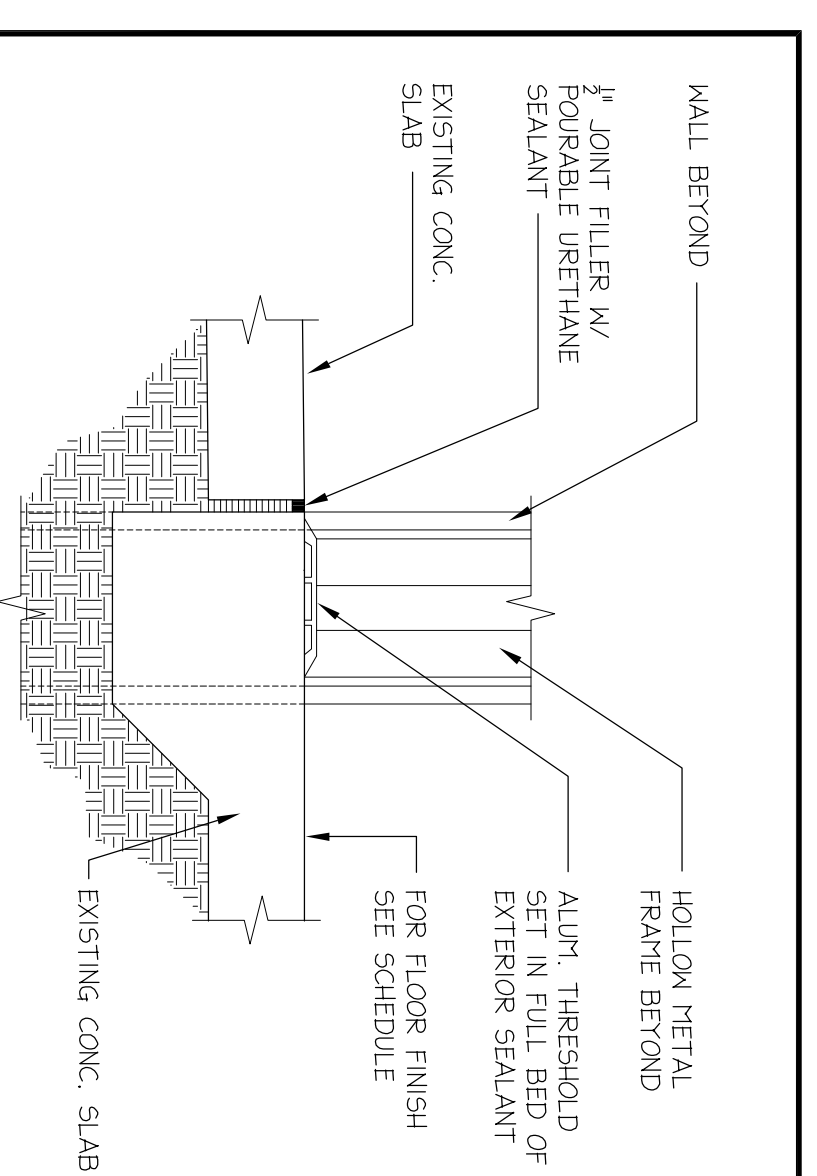
JAMB - EXTERIOR CMU WALL

1/2" = 1'-0" 9



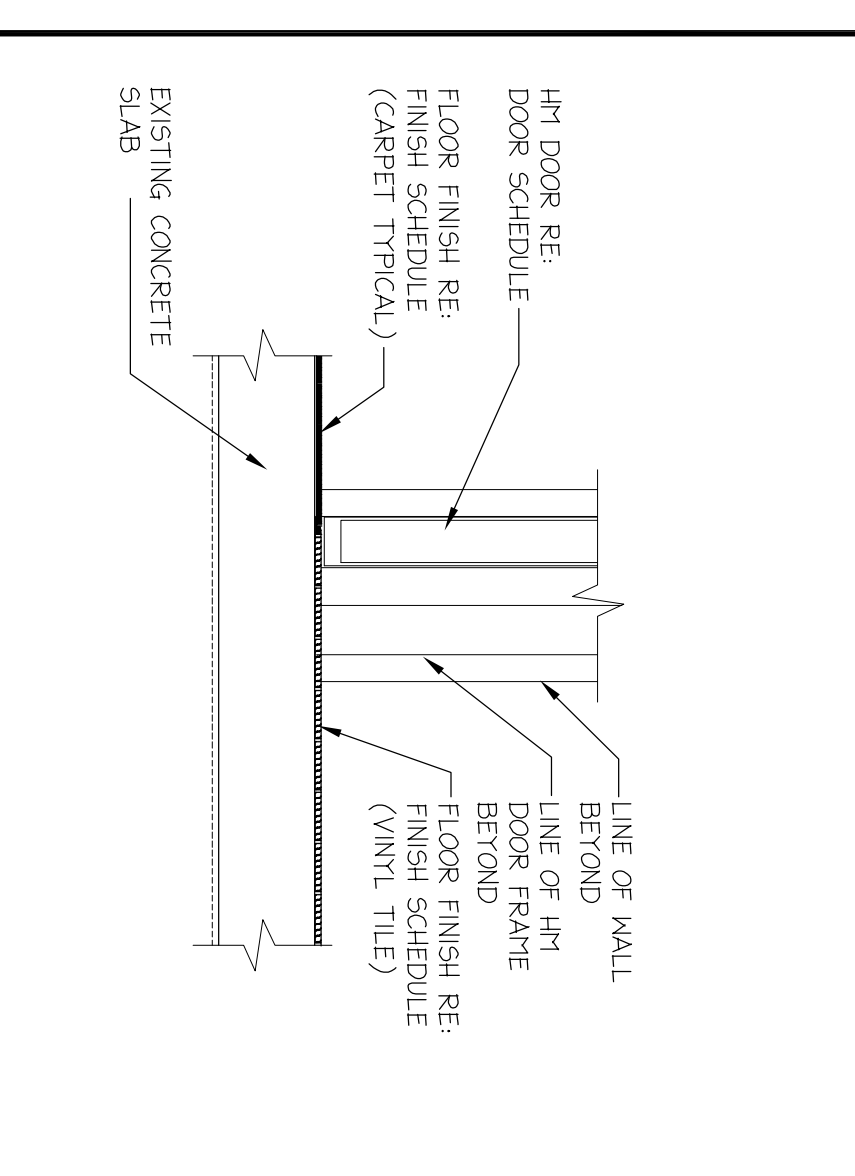
HEAD - EXTERIOR CMU WALL

1/2" = 1'-0" 8



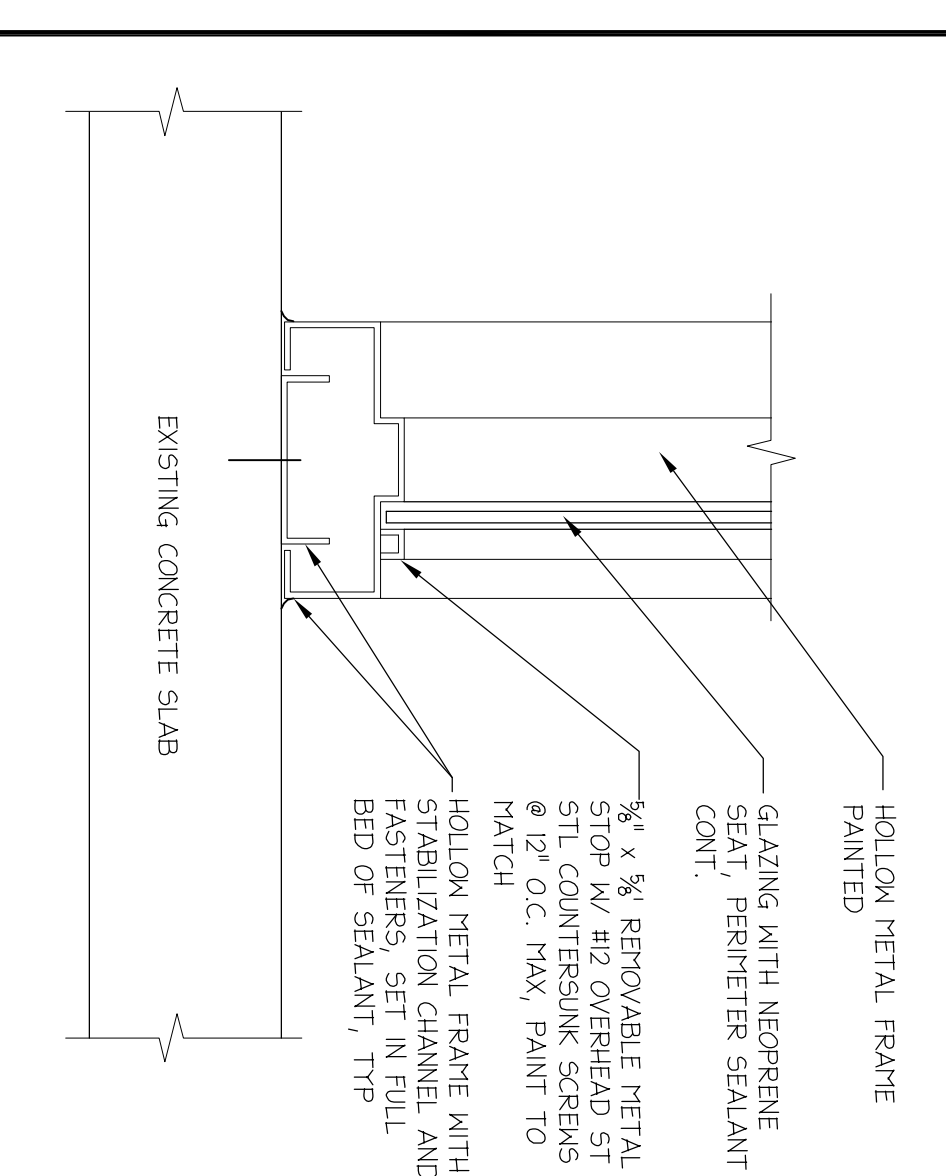
TYP. EXTERIOR DOOR SILL

1/2" = 1'-0" 15



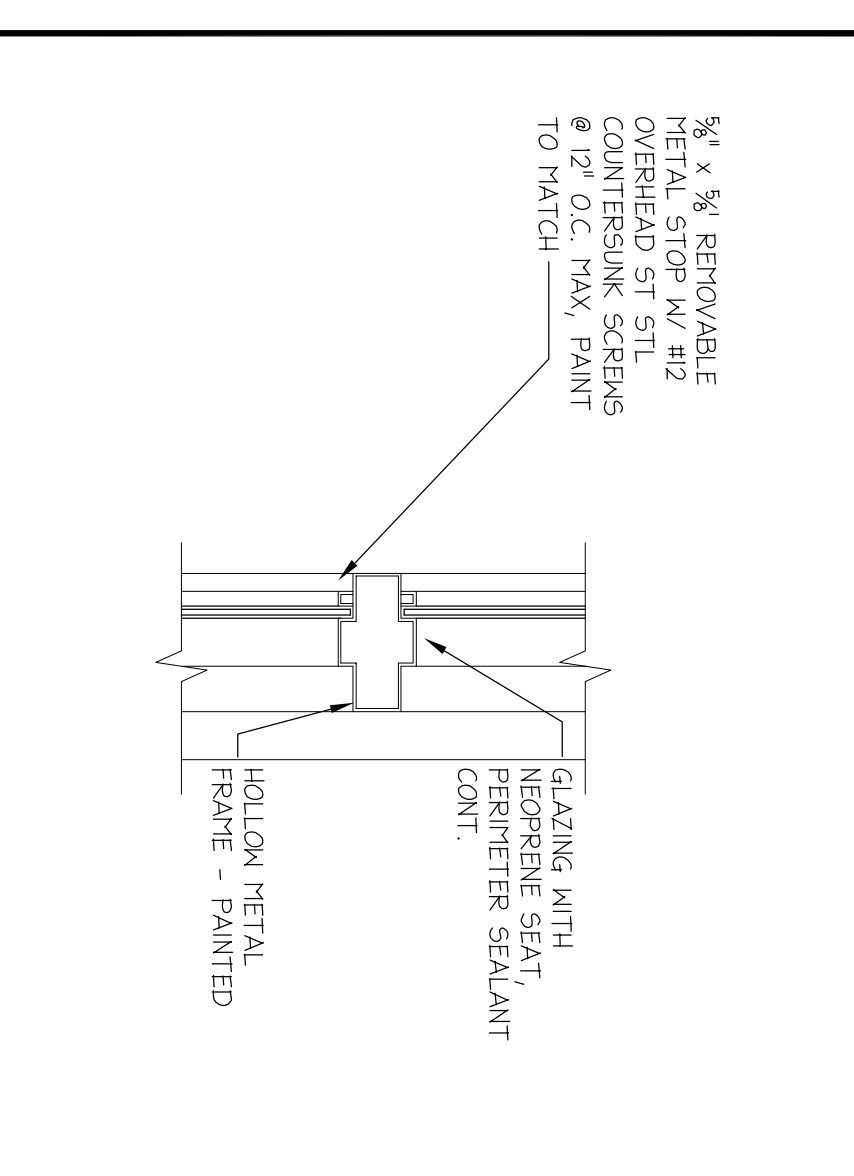
SILL AT HM INTERIOR DOOR

1/2" = 1'-0" 14



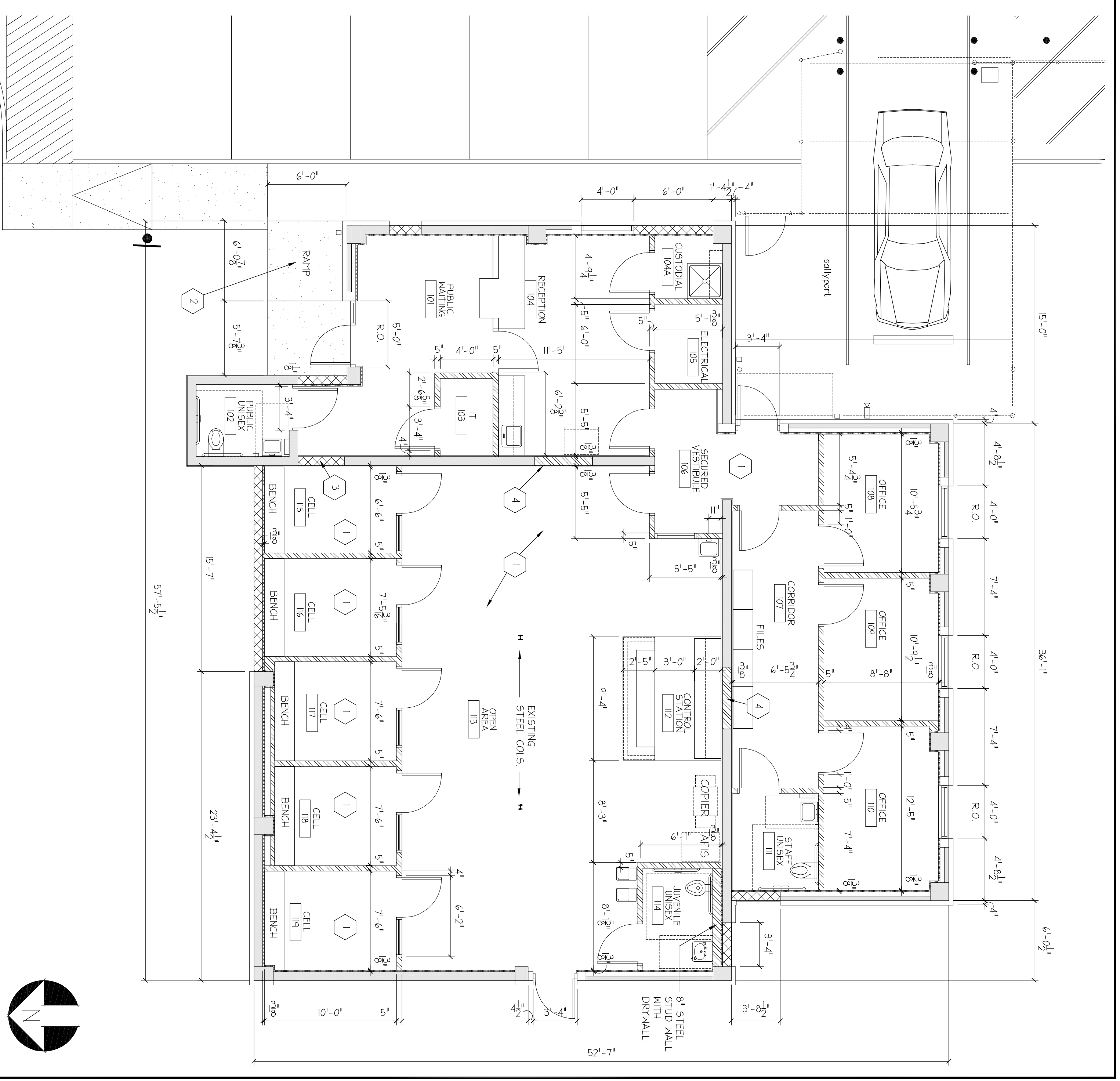
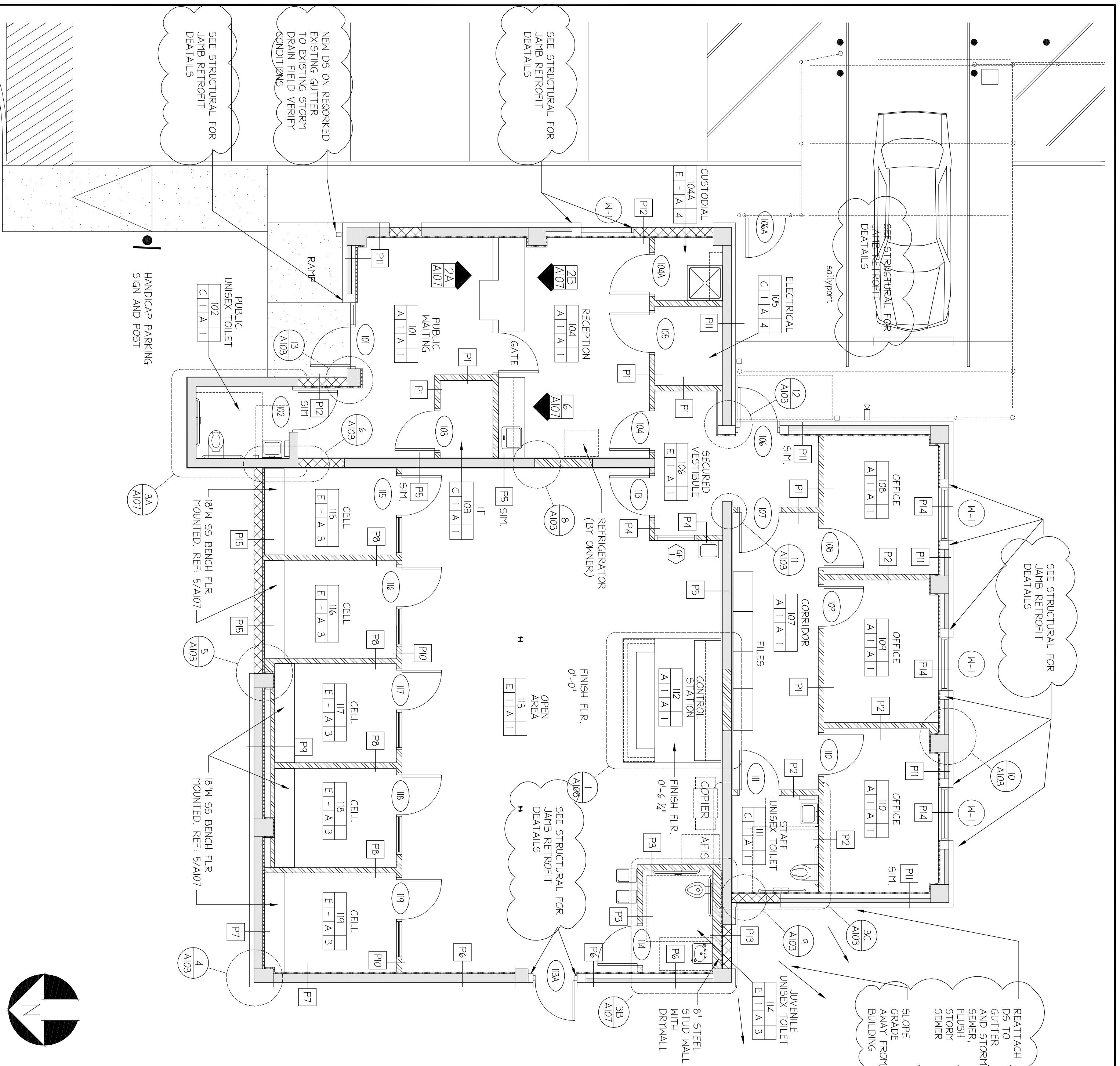
SILL

3" = 1'-0" 13



MULL AT INT/EXT HM GLAZED FRAME

1/2" = 1'-0" 12



**TARGETS & NOTES PLAN**

3/16" = 1'-0"

**5 DIMENSION FLOOR PLAN**

3/16" = 1'-0"

FLOOR	FINISH	BASE	WALLS	CEILING
A	CARPET	1 RUBBER COVE (4")	A PAINT DRYWALL	1 SUSP. 2X2
B	CARPET TILE	2 CERAMIC TILE	B PAINT CHU	2 SUSP. 2X4
C	VINTL. TILE(VCT)	3 WOOD	C PAINT PLASTER	3 DRYWALL
D	TILE (CMT)			4 EXPOSED STRUT
E	STAIN CONCRETE			4 BRANDED

SYTH	FINISH	SYTH	FINISH	SYTH	FINISH
1	PAINT DRYWALL	1	SUSP. 2X2		
2	PAINT CHU	2	SUSP. 2X4		
3	PAINT PLASTER	3	DRYWALL		
4	EXPOSED STRUT	4	BRANDED		

NOTE: ALLOW 4" FOR DOOR JAMBS, EXCEPT AS NOTED ( )

**ROOM FINISH SCHEDULE**

**6 LEGEND SCHEDULE**

**4 GENERAL NOTES**

**3 NEW CONSTRUCTION NOTES**

3/16" = 1'-0"

**2**



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 email: architects@bmtkarchitects.com  
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**PROJECT NAME**  
 MANATEE COUNTY  
 SHERIFF'S JUVENILE  
 PROCESSING CENTER

**OWNERS NAME AND ADDRESS**  
 MANATEE COUNTY  
 421 17TH AVE. WEST  
 BRADENTON, FLORIDA

**ISSUED FOR**  
 BIDDING AND CONSTRUCTION

**NOV. 23, 2009**

**PROJECT NUMBER**  
 BMK 20903

**SIGNAL**

REVISIONS	NO. ITEM	DATE
	1	REV 1 7-8-10
	2	
	3	
	4	
	5	
	6	
	7	
	8	
	9	
	10	
	11	
	12	
	13	

**KEY PLAN**

**DIMENSION FLOOR PLAN**

**SHEET TITLE**

**DRAWN BY** DMC

**CHECKED BY**

**FILE NAME**

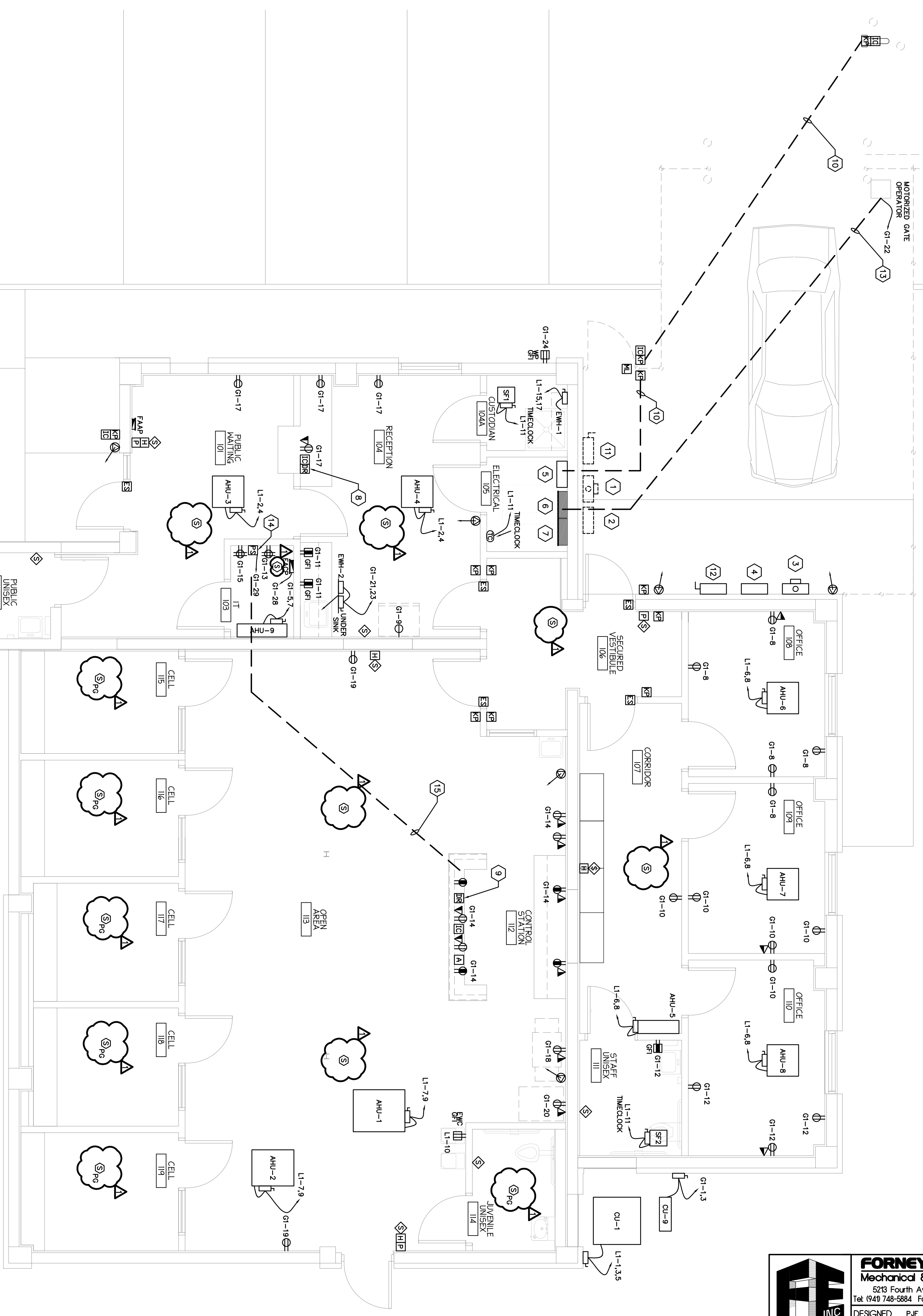
**DATE** 10-01-09

**PLOT SCALE**

**SHEET NUMBER**

**A-102**

- KEYED NOTES**
- 1 EXISTING UTILITY METERS AND OVERHEAD SERVICE. RELOCATE AS SHOWN. SEE KEYED NOTE #A.
  - 2 EXISTING PANEL "L". RELOCATE AS SHOWN. SEE KEYED NOTE #A.
  - 3 RELOCATE EXISTING UTILITY METER AND OVERHEAD SERVICE COORDINATE WITH PPL.
  - 4 RELOCATE EXISTING PANEL "L".
  - 5 RELOCATE EXISTING 100AMP, 3-POLE MANUAL TRANSFER SWITCH.
  - 6 NEW 30-SPACE SURFACE MOUNT 208V/24 PANEL, "L", 100A MCB.
  - 7 NEW 42-SPACE SURFACE MOUNT 208V/24 PANEL, "O", 100A MCB.
  - 8 REMOVE RELEASE BUTTON FOR FRONT DOOR. COORDINATE LOCATION WITH CASEWORK AND ARCHITECTURAL ELEVATIONS.
  - 9 REMOVE RELEASE BUTTONS (2) FOR SALVAGE GATE. SALVAGE GATE, REAR DOOR AND SECURED VESTIBULE TOOMS. COORDINATE LOCATION WITH CASEWORK AND ARCHITECTURAL ELEVATIONS.
  - 10 UNDERGROUND CONDUIT FOR KEYPADS, INTERCOM, AND SECURITY REMOVED. UNDERGROUND CONDUIT TO IT ROOM WITH EQUIPMENT CONNECTION REMOVED. EXTEND RACEWAY TO IT ROOM WITH EQUIPMENT CONNECTION.
  - 11 GENERATOR DISCONNECT SWITCH TO BE REMOVED. CAPTURE EXISTING GENERATOR FEED AND EXTEND TO NEW DISCONNECT SWITCH. SEE KEYED NOTE #12.
  - 12 NEW 100A, 3-POLE FUSED DISCONNECT FUSE AT 100 AMPS, OUTDOOR DISCONNECT. CAPTURE AND EXTEND EXISTING GENERATOR FEED TO NEW DISCONNECT. COORDINATE SIZE WITH OWNER'S CABLING REQUIREMENTS.
  - 13 CONDUIT CONNECTION(S) FOR WIRELESS GATE GENERATOR POWER AND COMMUNICATIONS. COORDINATE WITH EQUIPMENT REQUIREMENTS.
  - 14 POWER SUPPLY FOR ELECTRIC DOOR STRIKES/MAGNETIC DOOR LOCKS. COORDINATE DC VOLTAGE AND CAPACITY WITH DOOR HARDWARE.
  - 15 CONDUIT PATHWAY FROM CONTROL STATION TO IT ROOM FOR SECURITY MONITOR CONNECTIONS. COORDINATE SIZE WITH OWNER'S CABLING REQUIREMENTS.



**ELECTRICAL SYMBOL LEGEND**

Ⓢ FIRE ALARM SMOKE DETECTOR, CEILING MOUNTED. REMOVE SWITCHES, TYPE UNKO. WHERE SMOKE DETECTOR IS MOUNTED IN GRID CEILING SYMBOL SHOULD BE ADJUSTED TO BE CENTERED IN CEILING TILE.

ⓈPc PER INDICATES PROTECTIVE GUARD.

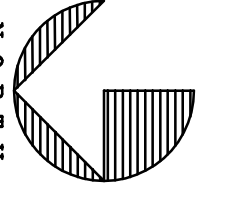
**FORNEY ENGINEERING INC.**  
 Mechanical & Electrical Consulting Engineers  
 5218 Fourth Avenue Circle East, Bradenton, FL 34208  
 Tel: (941) 748-5884 Fax: (941) 747-6240 E-Mail: foel@forneyengineering.com

DESIGNED: P.F. DRAWN: P.F. CHECKED: P.F.  
 JOB NO: 09-2186 SCALE: AS SHOWN DATE: 11-23-09

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**ELECTRICAL POWER PLAN**

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



**BMK architects**

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**MANATEE COUNTY  
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 BRADENTON, FLORIDA**

PROJECT NUMBER  
**BMK 20903**

SINGLELINE  
 BY: PHILIP J. TERESA, P.E.  
 DATE: 08/08

DATE: \_\_\_\_\_  
 TO THE BEST OF MY KNOWLEDGE AND BELIEF, I AM A REGISTERED PROFESSIONAL ENGINEER IN THE STATE OF FLORIDA.

REVISIONS

NO.	ITEM	DATE
1	REVISION #1	07-05-10
2		
3		
4		
5		
6		
7		
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9		
10		
11		
12		
13		

DRAWN BY \_\_\_\_\_  
 CHECKED BY \_\_\_\_\_  
 FILE NAME \_\_\_\_\_  
 DATE: 11/23/09  
 PLOT SCALE \_\_\_\_\_  
 SHEET TITLE  
**ELECTRICAL POWER  
 PLAN**

SHEET NUMBER  
**E-2**