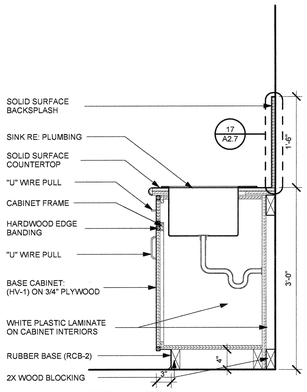
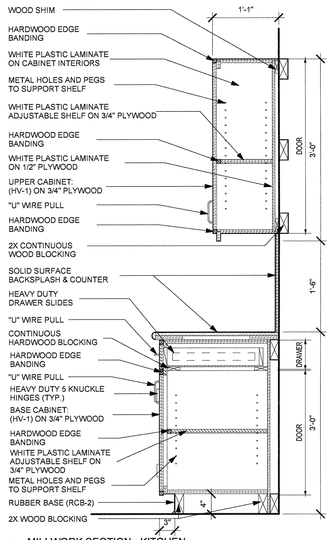
NOTES:

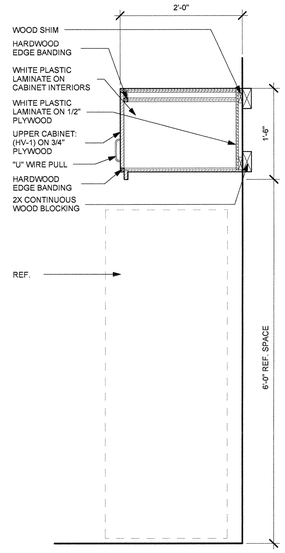
1. REFER TO SHEET A0.2 FOR ALL TAS ACCESSIBILITY HEIGHTS, CLEARANCE, MOUNTING HEIGHTS ET. AL.
2. REFER TO INTERIOR MATERIAL FINISH SCHEDULE ON SHEET A9.1 FOR ALL MATERIALS & FINISHES.
3. ALWAYS REFER TO SPECIFICATIONS IN PROJECT MANUAL FOR ADDITIONAL INFORMATION (TYP.)
4. WHITE PLASTIC LAMINATE FINISH ON INTERIOR SURFACES OF ALL CABINETS (TYP.)



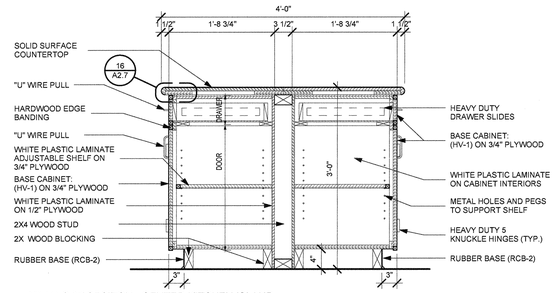
1 MILLWORK SECTION - KITCHEN SINK
1" = 1'-0"



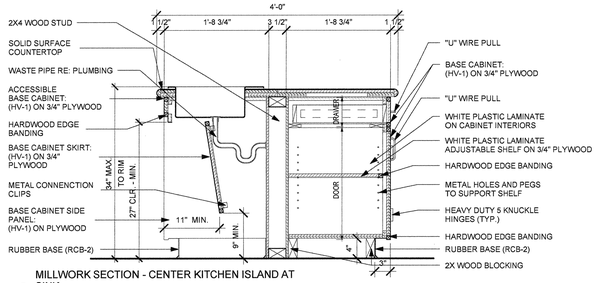
2 MILLWORK SECTION - KITCHEN
1" = 1'-0"



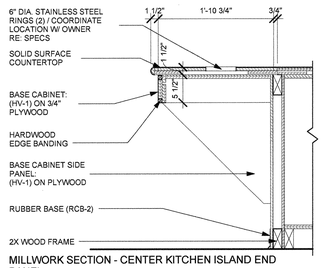
3 MILLWORK SECTION - KITCHEN REF.
1" = 1'-0"



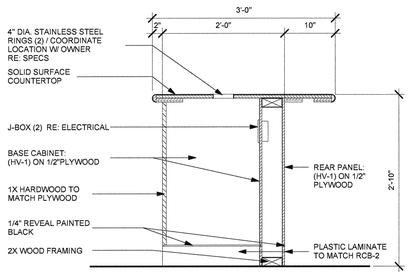
4 MILLWORK SECTION - CENTER KITCHEN ISLAND
1" = 1'-0"



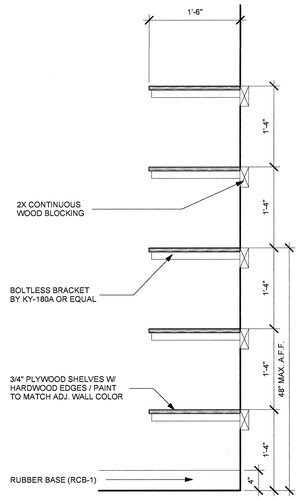
5 MILLWORK SECTION - CENTER KITCHEN ISLAND AT SINK
1" = 1'-0"



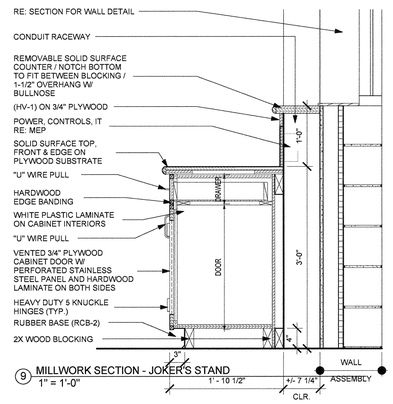
6 MILLWORK SECTION - CENTER KITCHEN ISLAND END PANEL
1" = 1'-0"



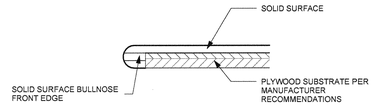
7 MILLWORK SECTION - OUTER KITCHEN ISLAND
1" = 1'-0"



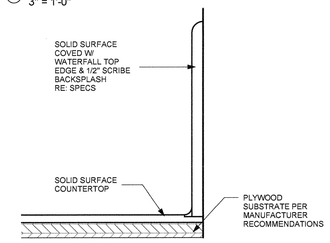
8 MILLWORK SECTION - 5 WOOD SHELVES, TYP.
1" = 1'-0"



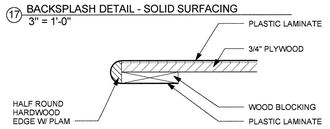
9 MILLWORK SECTION - JOKER'S STAND
1" = 1'-0"



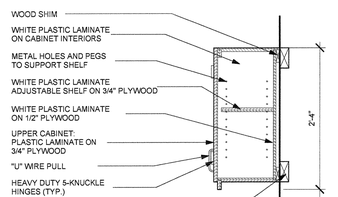
16 BULLNOSE DETAIL- SOLID SURFACING
3" = 1'-0"

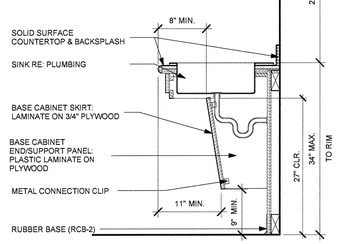


17 BACKSPLASH DETAIL - SOLID SURFACING
3" = 1'-0"

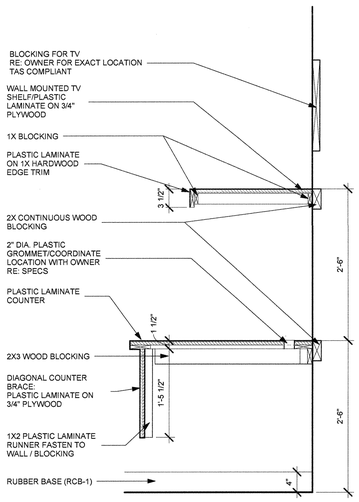


18 BULLNOSE DETAIL- PLASTIC LAMINATE
3" = 1'-0"

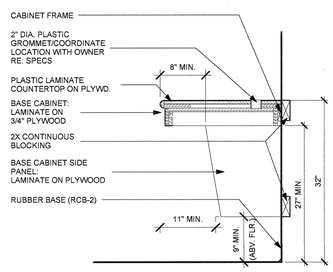




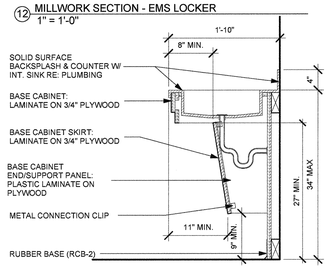
10 MILLWORK SECTION - LAUNDRY
1" = 1'-0"



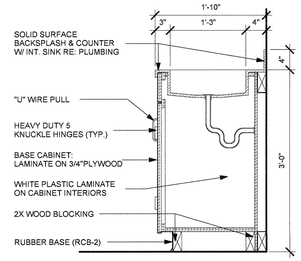
11 MILLWORK SECTION - DORMS, TYP.
1" = 1'-0"



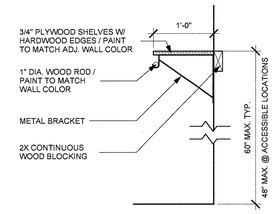
12 MILLWORK SECTION - EMS LOCKER
1" = 1'-0"



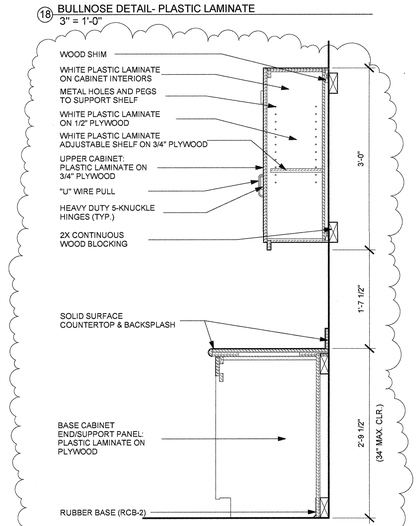
13 MILLWORK SECTION - ACCESSIBLE TR
1" = 1'-0"



14 MILLWORK SECTION - NOT ACCESSIBLE TR
1" = 1'-0"



15 MILLWORK SECTION - CLOSET ROD & SHELF, TYP.
1" = 1'-0"



19 MILLWORK SECTION - KNEE SPACE
1" = 1'-0"

PROJECT NO.
14012

REGISTERED ARCHITECT MARK R. ANDERSON 14241 STATE OF TEXAS
2016.01.22

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
A. Addendum 2
1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
MILLWORK SECTION & DETAILS

MSA ARCHITECTURE
ARCHITECTURE • INTERIORS • PLANNING
16719 Huebner Rd
Bldg. 3, Suite 301
San Antonio, TX 78248
(210) 408-7553 Voice
(210) 408-7543 Fax
www.msaofsa.com

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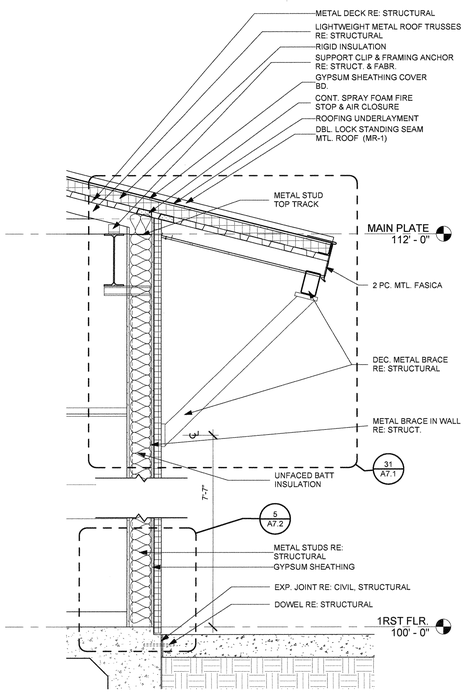
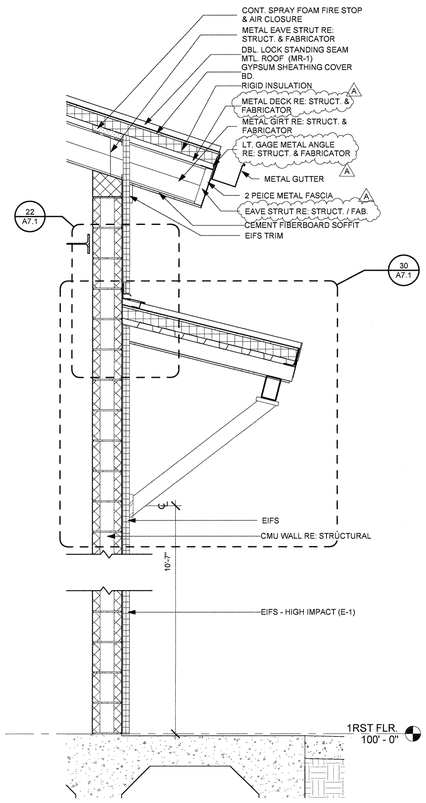
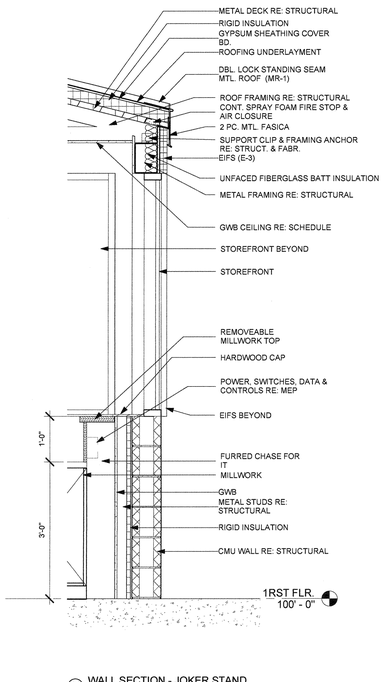


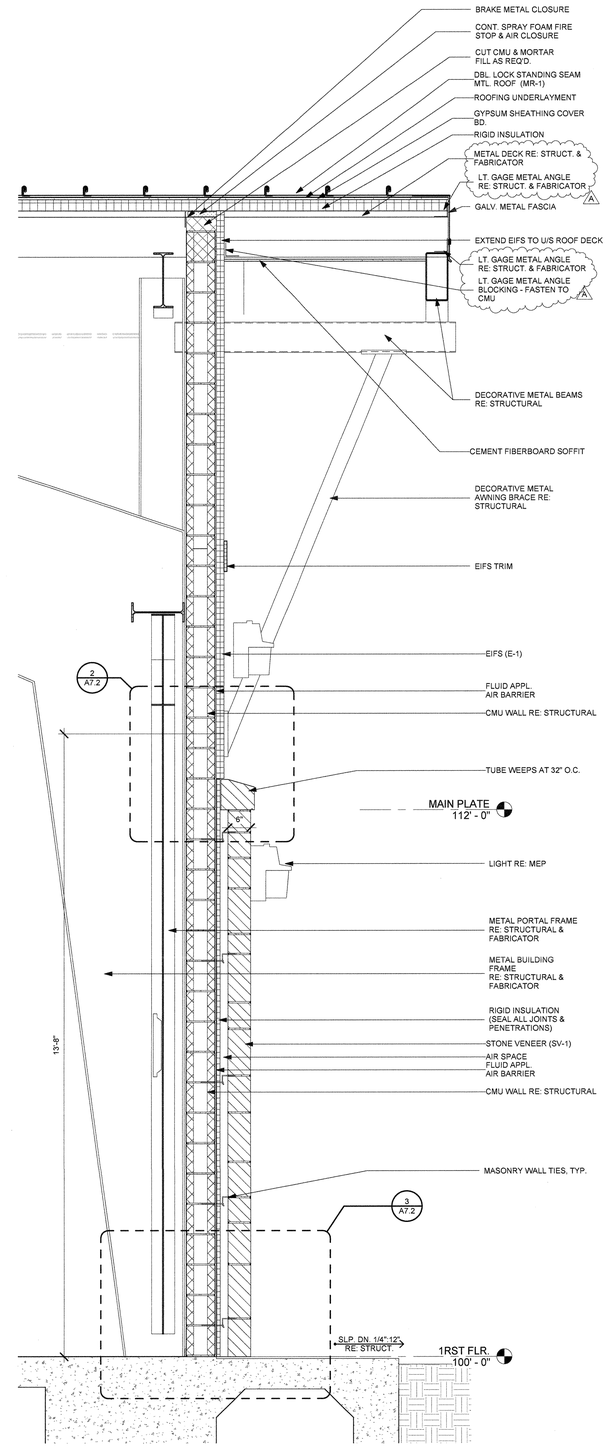
10 WALL SECTION - FIRE QUARTERS B
3/4" = 1'-0"



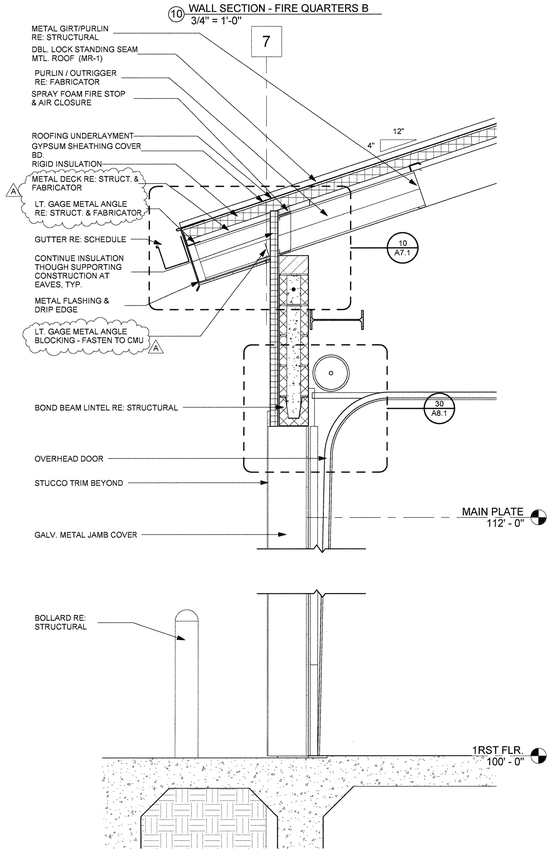
11 WALL SECTION - FIRE BAY AWNING
3/4" = 1'-0"



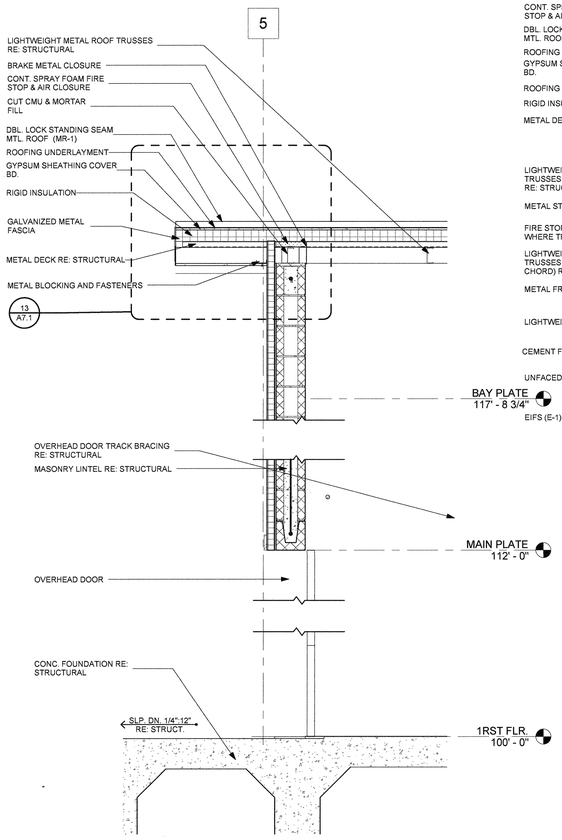
12 WALL SECTION - JOKER STAND
3/4" = 1'-0"



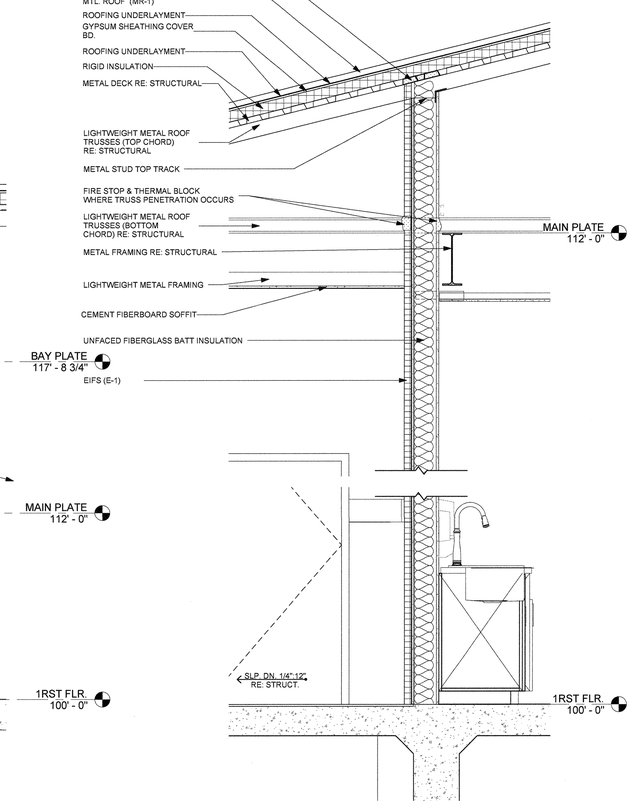
16 WALL SECTION - FIRE BAY B
3/4" = 1'-0"



13 WALL SECTION - FIRE BAY
3/4" = 1'-0"



14 WALL SECTION - EMS BAY
3/4" = 1'-0"



15 WALL SECTION - KITCHEN
3/4" = 1'-0"

PROJECT NO.
14012

REGISTERED ARCHITECT
ROBERT R. ANDERSON
17213
STATE OF TEXAS
2016-01-22

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
A Addendum 2
1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
WALL SECTIONS

MSA ARCHITECTURE
ARCHITECTURE • INTERIORS • PLANNING

16719 Huebner Rd
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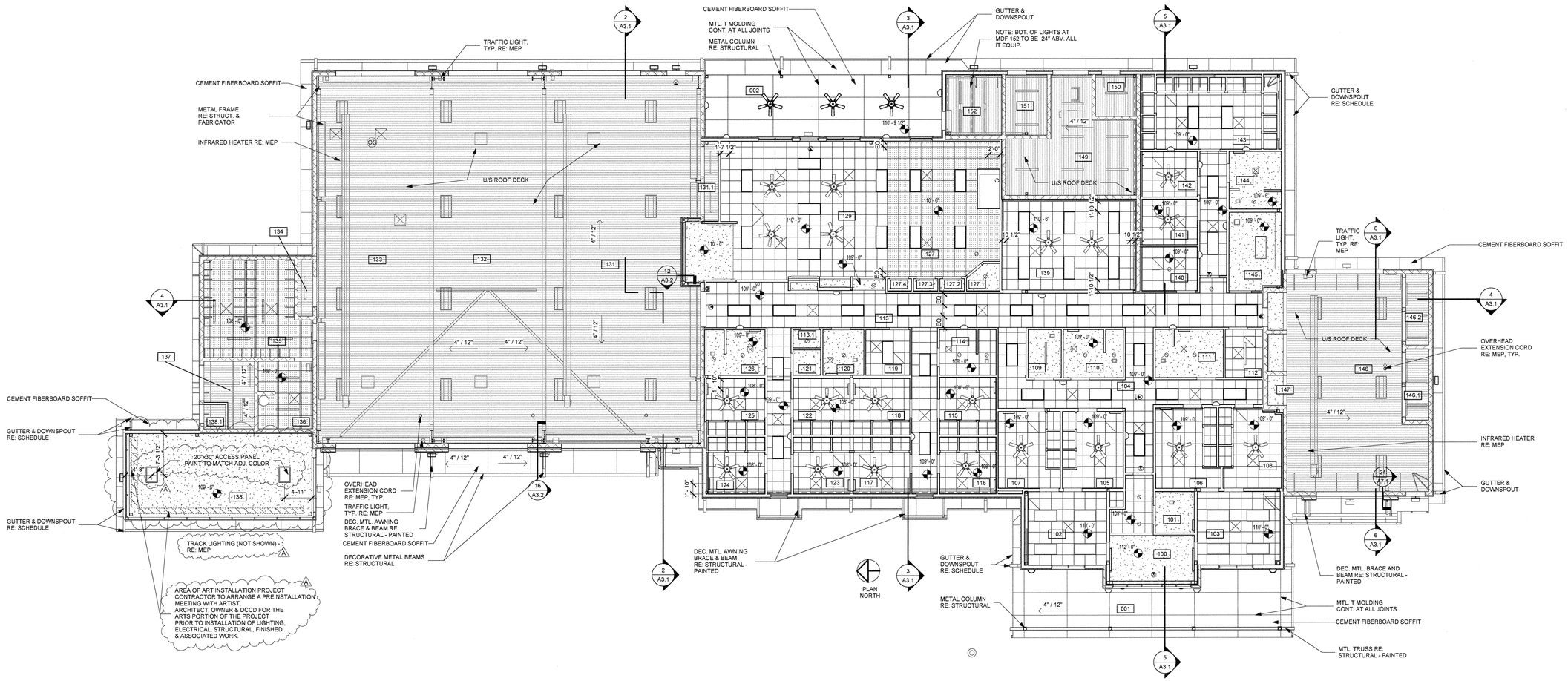

1 1RST FLOOR CEILING
1/8" = 1'-0"

WALL LEGEND

- NEW CMU WALL
- NEW MASONRY WALL
- EIFS / RIDID INSULATION WALL
- NEW METAL FRAMED WALL RE: WALL SECTIONS AND / OR PARTITION TYPES
- SOUND BATT INSULATION RE: PARTITION TYPES. THERMAL INSULATION IS NOT INDICATED.
- BLOCKING IN WALL RE: MANUFACUTRE REQUIREMENTS

CEILING LEGEND

- 2X4 FLUORESCENT FIXTURE RE: MEP
- 2X4 FLUORESCENT VOL. FIXTURE RE: MEP
- FLUORESCENT STRIP FIXTURE RE: MEP
- RECESSED LIGHT NEWRELOCATED RE: MEP
- EXIT SIGN NEWRELOCATED RE: MEP
- EXTERIOR WALL PACK LIGHT RE: MEP
- WALL SCONCE RE: MEP
- RETURN AIR RE: MEP
- SUPPLY AIR RE: MEP
- 2x2 ACOUSTICAL CEILING TILE
- 2x2 VINYL COATED ACOUSTICAL CEILING TILE
- CEMENT FIBERBOARD SOFFIT
- CEILING ELEVATION MARKER

NOTES:

1. REFER TO FINISH SCHEDULE ON A9.1 FOR CEILING TYPES AND FINISHES

PROJECT NO.
14012

REGISTERED ARCHITECT
MICHAEL R. ANDERSON
17245
STATE OF TEXAS
2016.01.22

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
Addendum 2
1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
REFLECTED CEILING PLAN

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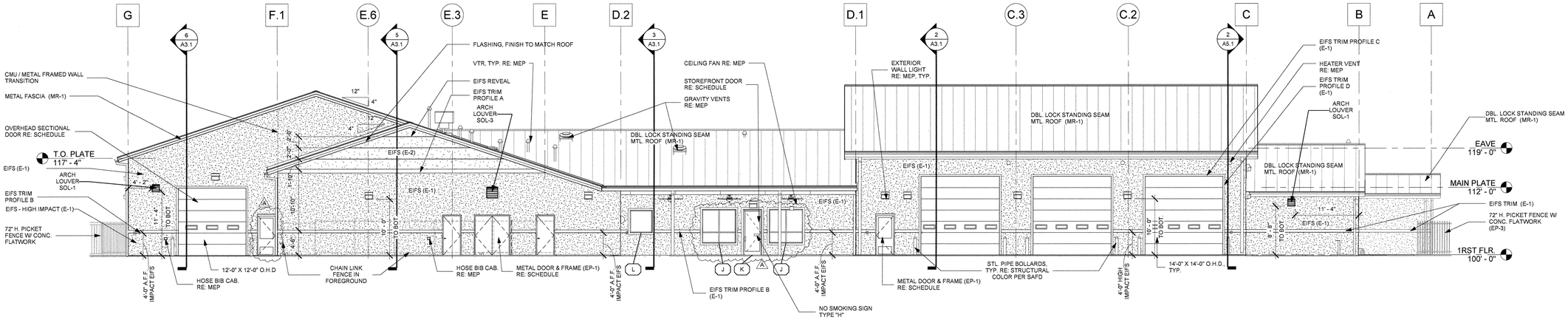
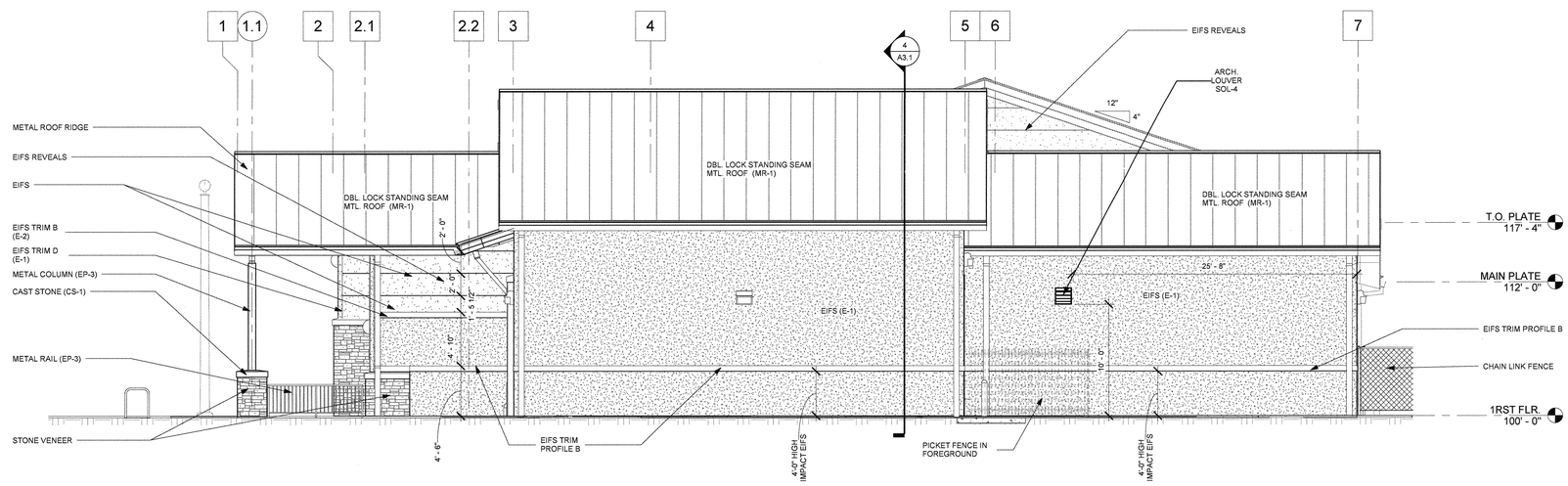
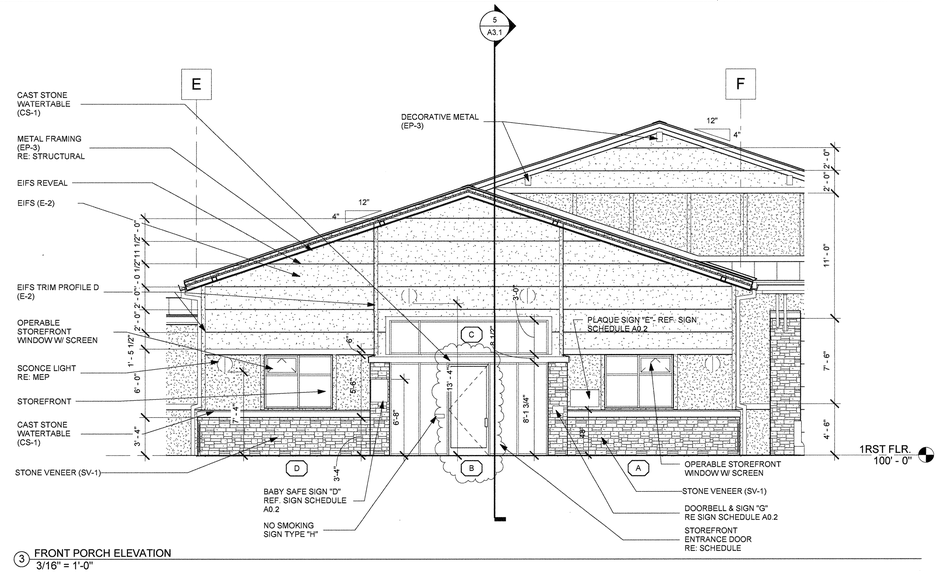


1 EAST ELEVATION
1/8" = 1'-0"



2 SOUTH ELEVATION
3/16" = 1'-0"

EXTERIOR FINISH SCHEDULE			
KEY	FINISH	MANUFACTURE / MODEL / COLOR	COMMENTS
	ALUMINUM LOUVERS	MANUFACTURE PRE-FINISHED	RE: SPECS & DEATIL SHEET A8.2
CS-1	CAST STONE WATERTABLE	SEAL PER SPECS / TO BE APPROVED BY ARCH / OWNER - SMOOTH	
E-1	EIFS	FINE SAND FINISH / SW 6148 WOOL SKEIN	EIFS 1 (LIGHT) / HIGH IMPACT WHERE NOTED ON ELEVATIONS
E-2	EIFS	LIMESTONE FINISH / SW 6151 QUIVER TAN	EIFS 2 (DARK)
EP-1	EXTERIOR PAINT	SW 6148 WOOL SKEIN	EXTERIOR DOORS
EP-2	EXTERIOR PAINT	SW 6151 QUIVER TAN	CEMENT FIBERBOARD SOFFIT
EP-3	EXTERIOR PAINT	SW 6152 SUPERIOR BRONZE	MISCELLANEOUS METALS
	EXTERIOR WINDOWS (STOREFRONT)	CLEAR ANNODIZED / PREFINISHED ALUM	
	METAL FENCE	MANUFACTURE PRE-FINISHED	RE: SPECS
MR-1	METAL STANDING SEAM ROOF & ACCESSORIES	BERRIDGE OR APPROVED EQUAL / PREFINISHED GALVALUME	GUTTER / DOWNSPOUT
	OVERHEAD DOOR	MANUFACTURE PRE-FINISHED WHITE	RE: SPECS
SV-1	STONE MASONRY VENEER	VENEER KINGSTON / CHOPPED / RANDOM ASHLAR	



3 FRONT PORCH ELEVATION
3/16" = 1'-0"

PROJECT NO.
14012

REGISTERED ARCHITECT
JAMES R. ANGLIN
17241
STATE OF TEXAS
2016-01-22

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
A Addendum 2
1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
BUILDING ELEVATIONS

MSA ARCHITECTURE
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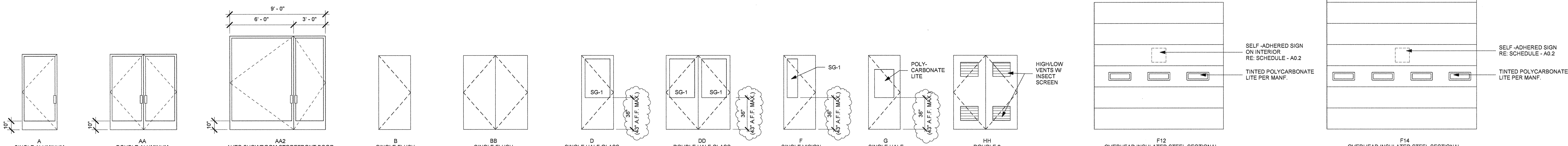


A SINGLE ALUMINUM STOREFRONT LEVEL 2 SAFETY GLAZING

AA DOUBLE ALUMINUM STOREFRONT LEVEL 2 SAFETY GLAZING

AA2 AUTO SHOWROOM STOREFRONT DOOR LEVEL 2 SAFETY GLAZING

B SINGLE FLUSH

BB SINGLE FLUSH

D SINGLE HALF GLASS LEVEL 2 SAFETY GLASS

DD DOUBLE HALF GLASS LEVEL 2 SAFETY GLASS

F SINGLE VISION LITE LEVEL 2 SAFETY GLASS

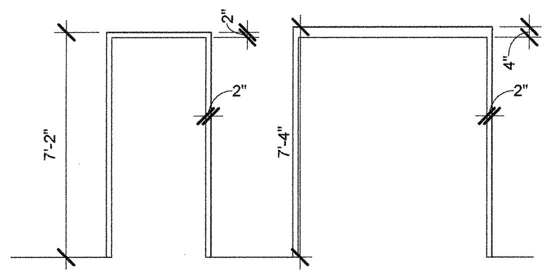
G SINGLE HALF GLASS DOUBLE SWING

HH DOUBLE 2 LOUVER

F12 OVERHEAD INSULATED STEEL SECTIONAL

F14 OVERHEAD INSULATED STEEL SECTIONAL

1 DOOR TYPES
1/4" = 1'-0"



HM: WELDED 1

HM: WELDED 2 SOLID GROUT

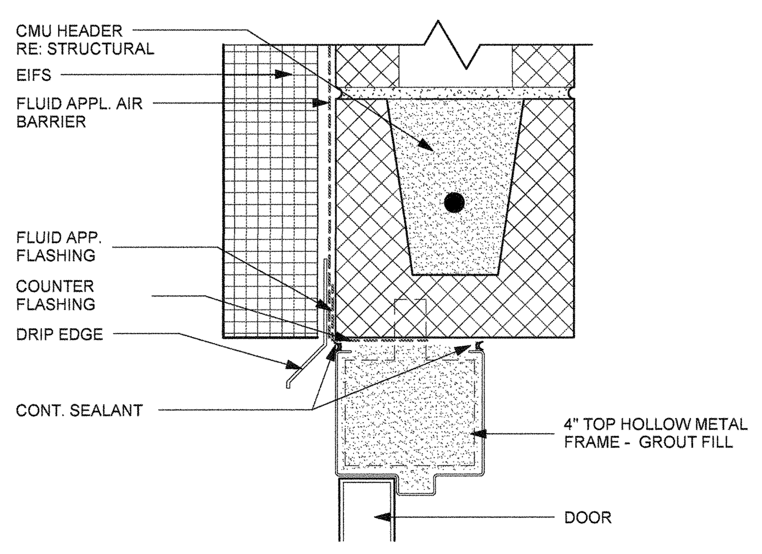
2 FRAME TYPES
1/4" = 1'-0"

SAFETY GLAZING TYPE
SG-1: LEVEL 1 SAFETY GLASS
SG-2: LEVEL 1 SAFETY GLASS

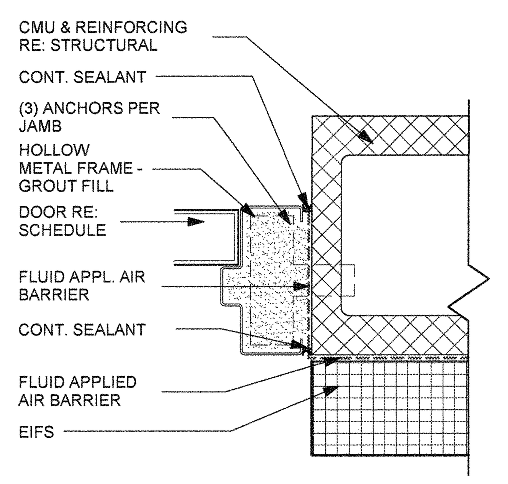
DOOR / FRAME KEY

CONSTRUCTION TYPE
ALUM ALUMINUM STOREFRONT
SCW SOLID CORE WOOD
IHM INSULATED HOLLOW METAL
HM HOLLOW METAL
OIS OVERHEAD INSULATED STEEL SECTIONAL
ABS ABS PLASTIC WITH INSULATED WOOD CORE
CO CASED OPENING - FRAME ONLY

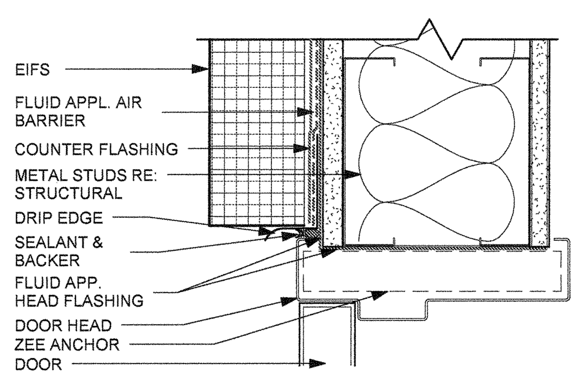
FRAME CONSTRUCTION TYPE
MH HOLLOW METAL
KD KNOCK DOWN METAL PREFINISHED FRAME
WD WOOD



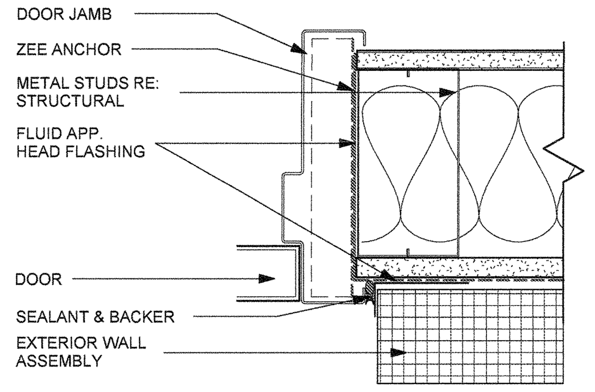
10 HOLLOW METAL HEAD AT CMU
3" = 1'-0"



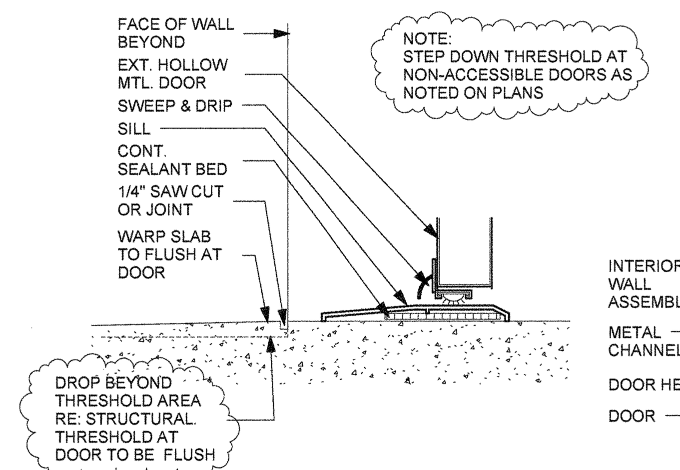
11 HOLLOW METAL JAMB AT CMU
3" = 1'-0"



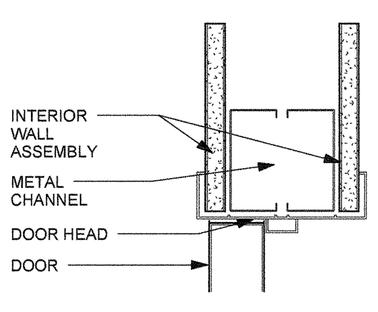
12 EXTERIOR DOOR HEAD AT EIFS
3" = 1'-0"



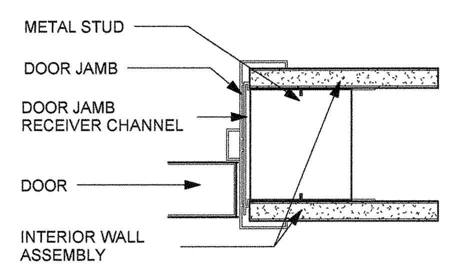
13 EXTERIOR DOOR JAMB AT EIFS
3" = 1'-0"



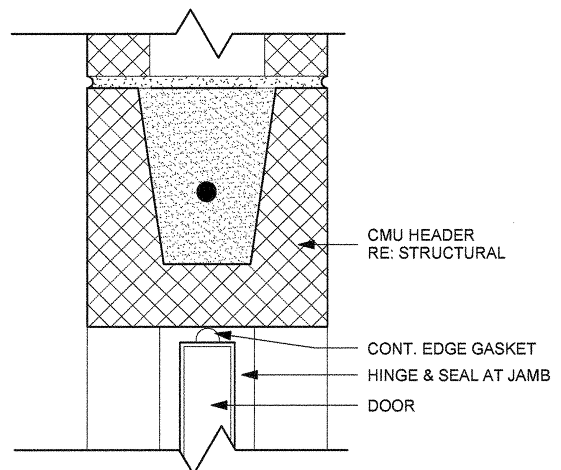
20 EXTERIOR DOOR SILL
3" = 1'-0"



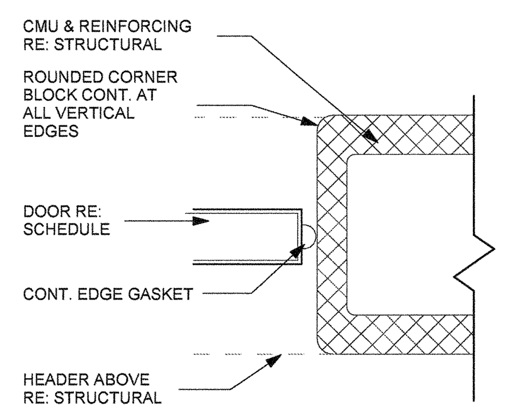
21 INTERIOR DOOR HEAD
3" = 1'-0"



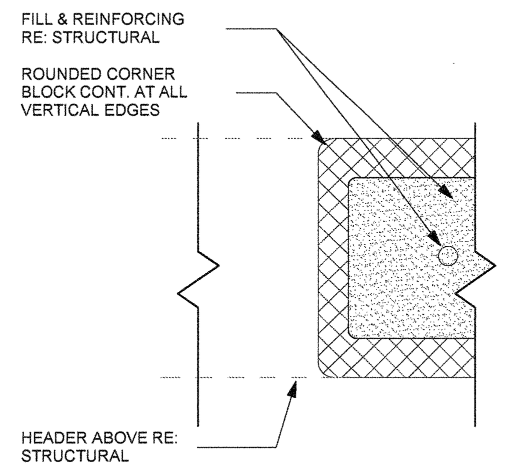
22 INTERIOR DOOR JAMB
3" = 1'-0"



23 TRAFFIC DOOR HEAD AT CMU
3" = 1'-0"

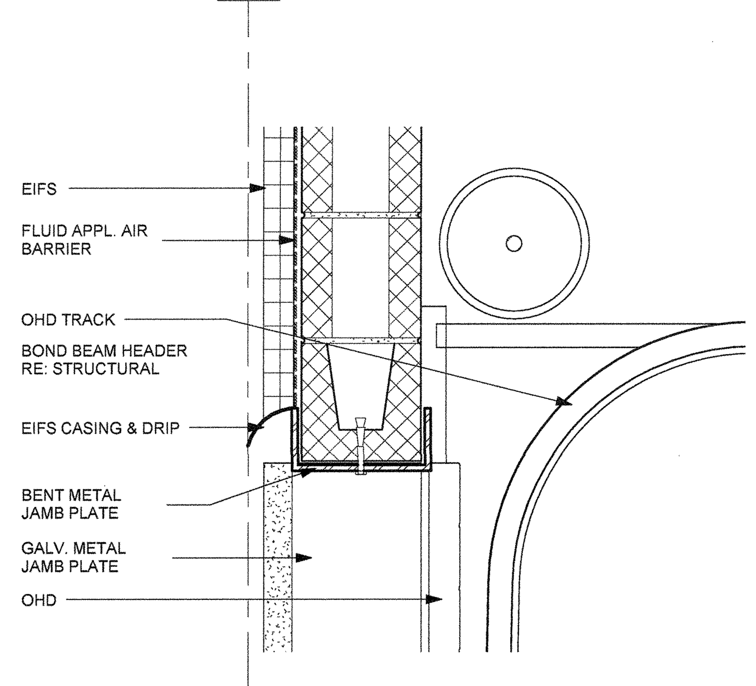


24 TRAFFIC DOOR JAMB AT CMU
3" = 1'-0"

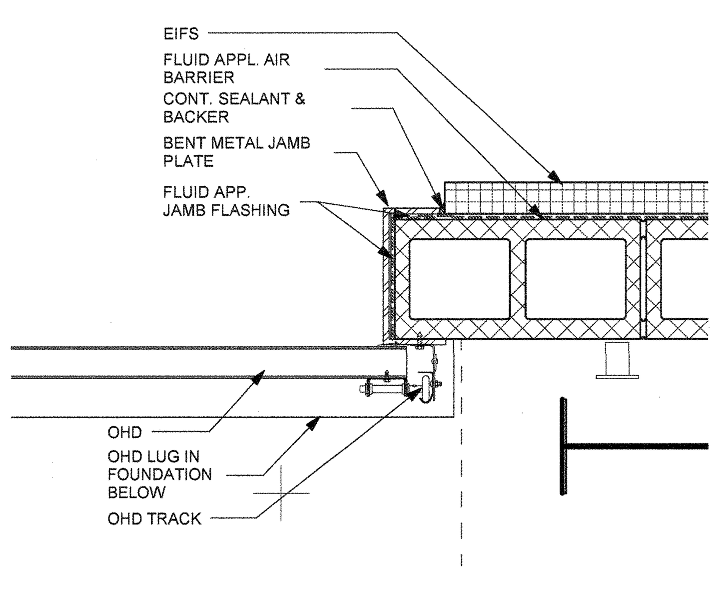


25 OPENING CMU
3" = 1'-0"

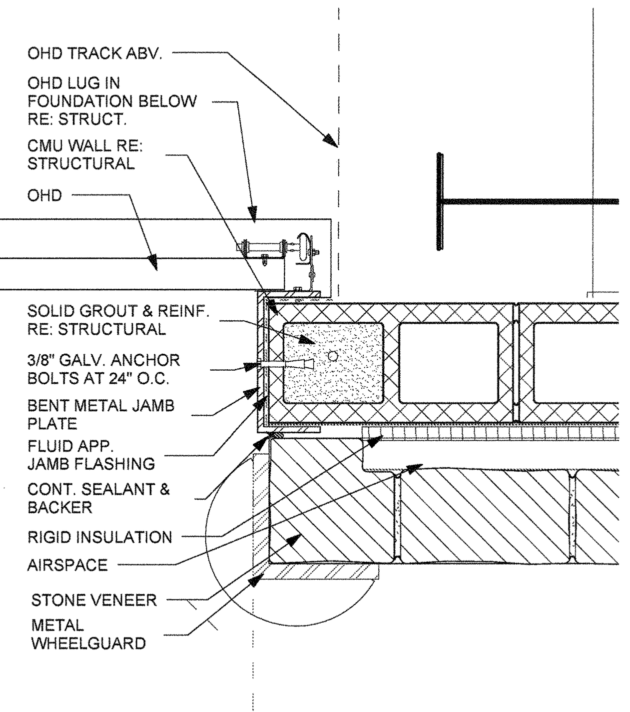
7



30 OHD HEAD
1 1/2" = 1'-0"



31 OHD JAMB AT EIFS
1 1/2" = 1'-0"



32 OHD JAMB AT STONE VENEER
1 1/2" = 1'-0"

DOOR SCHEDULE

KEY	TYPE	W	H	CONSTRUCTION	HARDWARE	DOOR FIN.	FRM TYPE	FRM FIN	KICK PLATE	CLOSER	PANIC HARDWARE	COMMENTS
100A	A	3' - 6"	8' - 0"	ALUM		ANO. ALUM				Yes	Yes	
100B	B	2' - 0"	6' - 8"	SCW		PL-1	HM : WELDED 1	P-1	No			
101	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
101C	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	Yes			
102A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
102B	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
102C	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
103A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
103B	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
103C	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
105A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
105B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
105C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
105D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
106A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
106B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
106C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
106D	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
107A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
107B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
107C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
107D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
108A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
108B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
108C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
108D	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
109	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	Yes			
110	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
111	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
112	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	Yes			
113A	DD	6' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes	Yes	Yes	20 MIN FIRE RATED
113B	D	3' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes	Yes	Yes	20 MIN FIRE RATED
113C	F	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	Yes			SOUND SEALS
113D	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
114	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
115A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
115B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
115C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
115D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
116A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
116B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
116C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
116D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
117A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
117B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
117C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
117D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
118A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
118B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
118C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
118D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
119	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
120	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
121	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
122A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
122B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
122C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
122D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
123A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
123B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
123C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
123D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
124A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
124B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
124C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
124D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
125A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
125B	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
125C	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
125D	B	2' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
126	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		SOUND SEALS
127A	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
127B	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
127C	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
127D	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
129	A	3' - 0"	8' - 0"	ALUM		ANO. ALUM				Yes	Yes	
131A	B	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 2	EP-1	Yes	Yes	Yes	
131B	F14	14' - 0"	14' - 0"	OIS								
131C	F14	14' - 0"	14' - 0"	OIS								
131D	D	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 2	EP-1	Yes	Yes	Yes	
131E	BB	5' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes			
131F	BB	5' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes			
132A	F14	14' - 0"	14' - 0"	OIS								
132B	F14	14' - 0"	14' - 0"	OIS								
133A	F14	14' - 0"	14' - 0"	OIS								
133B	F14	14' - 0"	14' - 0"	OIS								
134	BB	5' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes			
135	G	3' - 0"	7' - 4"	ABS		P-3	NO FRAME	P-3	Yes			GALV. STL. PANEL
137	HH	6' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 2	EP-1	Yes	Yes		
138	AA2	9' - 6"	8' - 10 1/4"	ALUM								
138B	B	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 2	EP-1	Yes	Yes		
139	F	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	Yes			
140	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
141	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
142	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			SOUND SEALS
143A	CO	3' - 0"	7' - 0"	N/A			HM : WELDED 1	P-1				
143B	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143C	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143D	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143E	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143F	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143G	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143H	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143I	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143J	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143K	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143L	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
143M	B	2' - 4"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No			
144	B	3' - 0"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	No	Yes		
145	F	3' - 6"	7' - 0"	SCW		PL-1	HM : WELDED 1	P-1	Yes			
146A	F12	12' - 0"	12' - 0"	OIP								
146B	F12	12' - 0"	12' - 0"	OIP								
146C	B	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 2	P-1	Yes	Yes	Yes	
146D	BB	5' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes			
146E	BB	5' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes			
146F	BB	5' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes			
146G	BB	5' - 0"	7' - 0"	IHM		P-3	HM : WELDED 2	P-3	Yes			
146H	D	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 2	EP-1	Yes			
149	BB	6' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 1	P-1	Yes	Yes		
150	B	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 1	P-1	Yes	Yes		
151	B	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 1	P-1	Yes	Yes		
152	B	3' - 0"	7' - 0"	IHM		EP-1	HM : WELDED 1	P-1	Yes	Yes		

PROJECT NO.
14012

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
A **Addendum 2**
1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
DOOR TYPES, SCHEDULES, & DETAILS

MSA
ARCHITECTURE

16719 Huebner Rd
Bldg. 3, Suite 301
San Antonio, TX 78248
(210) 408-7553 Voice
(210) 408-7543 Fax
www.msaofsa.com

11/23/15

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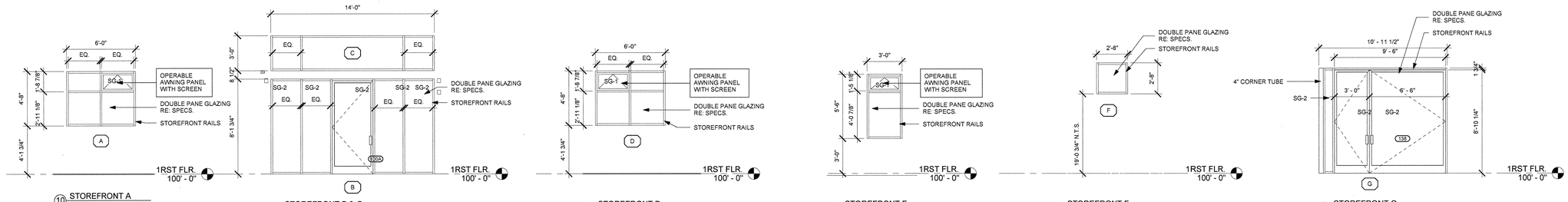


10 STOREFRONT A
1/4" = 1'-0"

11 STOREFRONT B & C
1/4" = 1'-0"

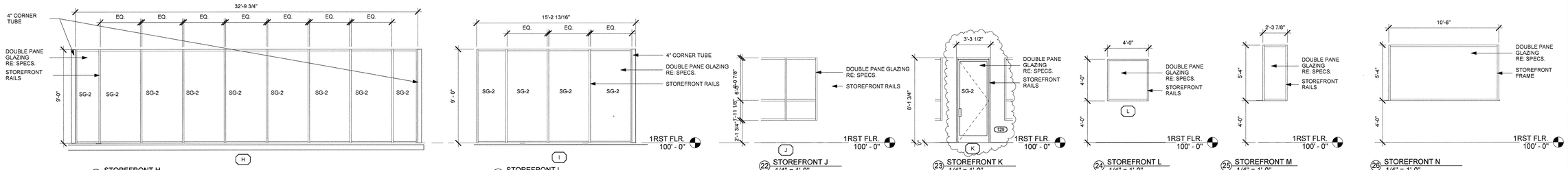
SG-1: LEVEL 1 SAFETY GLASS
SG-2: LEVEL 1 SAFETY GLASS

12 STOREFRONT D
1/4" = 1'-0"

13 STOREFRONT E
1/4" = 1'-0"

14 STOREFRONT F
1/4" = 1'-0"

15 STOREFRONT G
1/4" = 1'-0"



20 STOREFRONT H
1/4" = 1'-0"

21 STOREFRONT I
1/4" = 1'-0"

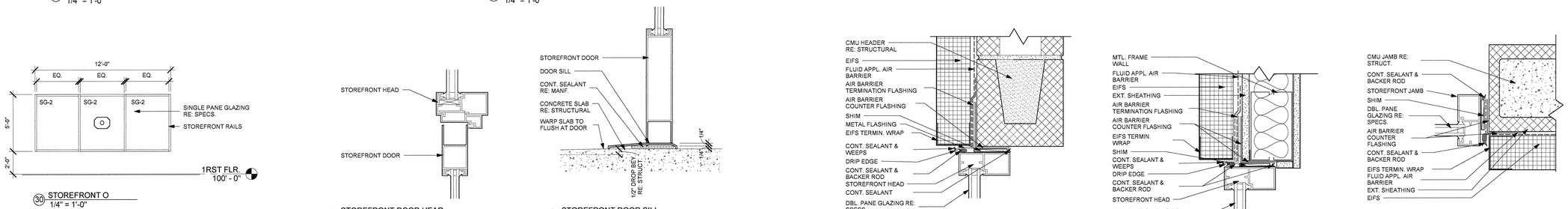
22 STOREFRONT J
1/4" = 1'-0"

23 STOREFRONT K
1/4" = 1'-0"

24 STOREFRONT L
1/4" = 1'-0"

25 STOREFRONT M
1/4" = 1'-0"

26 STOREFRONT N
1/4" = 1'-0"



30 STOREFRONT O
1/4" = 1'-0"

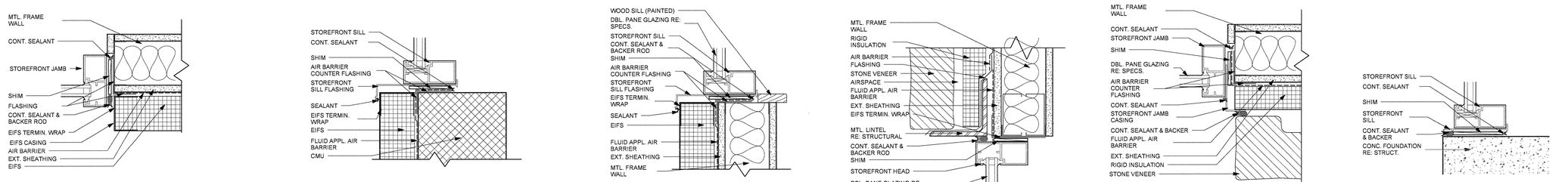
31 STOREFRONT DOOR HEAD
3" = 1'-0"

32 STOREFRONT DOOR SILL
3" = 1'-0"

33 STOREFRONT HEAD AT CMU
3" = 1'-0"

34 STOREFRONT HEAD AT EIFS
3" = 1'-0"

35 STOREFRONT JAMB AT CMU
3" = 1'-0"



40 STOREFRONT JAMB AT EIFS
3" = 1'-0"

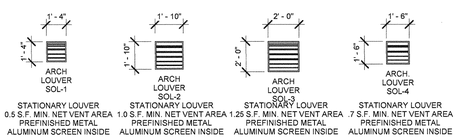
41 STOREFRONT SILL AT CMU
3" = 1'-0"

42 STOREFRONT SILL AT EIFS
3" = 1'-0"

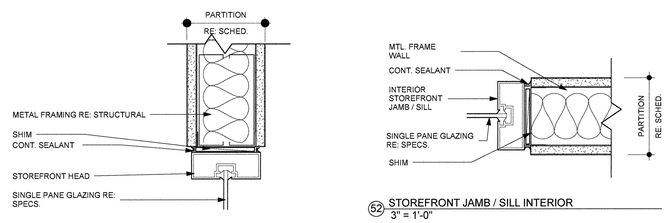
43 STOREFRONT HEAD AT STONE
3" = 1'-0"

44 STOREFRONT JAMB AT STONE
3" = 1'-0"

45 STOREFRONT SILL AT FLOOR
3" = 1'-0"

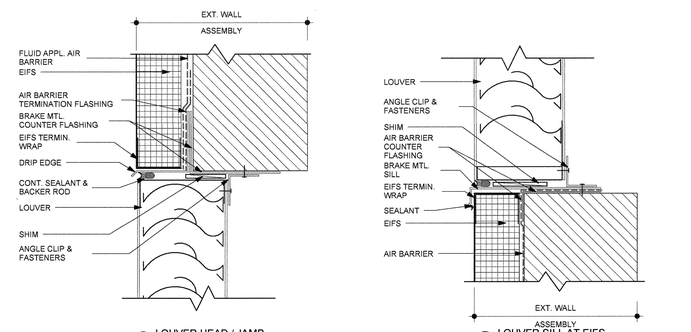


50 ARCHITECTURAL LOUVER TYPES
1/4" = 1'-0"



51 STOREFRONT HEAD INTERIOR
3" = 1'-0"

52 STOREFRONT JAMB / SILL INTERIOR
3" = 1'-0"



53 LOUVER HEAD / JAMB
3" = 1'-0"

54 LOUVER SILL AT EIFS
3" = 1'-0"

PROJECT NO.
14012

REGISTERED ARCHITECT
ALBERT R. ANDERSON
17241
STATE OF TEXAS
2016.01.22

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
A Addendum 2
1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
STOREFRONTS, LOUVERS, DETAILS

MSA ARCHITECTURE
ARCHITECTURE • INTERIORS • PLANNING

16719 Huebner Rd
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San Antonio, TX 78248
(210) 408-7553 Voice
(210) 408-7543 Fax
www.msaofsa.com

11/23/15

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ROOM FINISH SCHEDULE

RM. NO.	RM. NAME	FLOOR FINISH	BASE FINISH	CEILING FINISH	WALL FINISH	COMMENTS
100	LOBBY	VCT-2/VCT-3	RCB-1	P-4	P-1	RE: FINISH FLOOR PLAN FOR PATTERN
101	PUB. TOILET	EF-1	EF-1	P-4	P-1	
102	SHARED OFFICE A	VCT-1/VCT-2	RCB-1	ACT-1	P-1	RE: FINISH FLOOR PLAN FOR PATTERN
103	SHARED OFFICE B	VCT-1/VCT-2	RCB-1	ACT-1	P-1	RE: FINISH FLOOR PLAN FOR PATTERN
104	CORR	VCT-1/VCT-2	RCB-1	ACT-1	P-1	RE: FINISH FLOOR PLAN FOR PATTERN
105	OFF. DORM B	VCT-2	RCB-1	ACT-1	P-1	
106	OFF. DORM C	VCT-2	RCB-1	ACT-1	P-1	
107	OFF. DORM A	VCT-2	RCB-1	ACT-1	P-1	
108	OFF. DORM D	VCT-2	RCB-1	ACT-1	P-1	
109	JAN.	CONC.	RCB-1	P-4	P-1	PLEASE CONFIRM FLOOR FINISH
110	OFF. BATH A	EF-1	EF-1 / RCB-2	P-4	P-1/WT	RCB-2: FOR MILLWORK BASE; RE: INTERIOR ELEVATIONS FOR TILE PATTERN
111	OFF BATH B	EF-1	EF-1 / RCB-2	P-4	P-1/WT	RCB-2: FOR MILLWORK BASE; RE: INTERIOR ELEVATIONS FOR TILE PATTERN
112	STOR	VCT-2	RCB-1	ACT-1	P-1	
113	CORR	VCT-1/VCT-2	RCB-1	ACT-1	P-1	RE: FINISH FLOOR PLAN FOR PATTERN
113.1	CLO.	VCT-2	RCB-1	P-4	P-1	
114	BATH B	EF-1	EF-1 / RCB-2	P-4	P-1/WT	RCB-2: FOR MILLWORK BASE; RE: INTERIOR ELEVATIONS FOR TILE PATTERN
115	FF DORM G	VCT-2	RCB-1	ACT-1	P-1	
116	FF DORM H	VCT-2	RCB-1	ACT-1	P-1	
117	FF DORM F	VCT-2	RCB-1	ACT-1	P-1	
118	FF DORM E	VCT-2	RCB-1	ACT-1	P-1	
119	STUDY	VCT-2	RCB-1	ACT-1	P-1	
120	TOILET	EF-1	EF-1 / RCB-2	P-4	P-1/WT	RCB-2: FOR MILLWORK BASE; RE: INTERIOR ELEVATIONS FOR TILE PATTERN
121	WH	VCT-2	RCB-1	P-4	P-1	
122	FF DORM C	VCT-2	RCB-1	ACT-1	P-1	
123	FF DORM D	VCT-2	RCB-1	ACT-1	P-1	
124	FF DORM B	VCT-2	RCB-1	ACT-1	P-1	
125	FF DORM A	VCT-2	RCB-1	ACT-1	P-1	
126	BATH A	EF-1	EF-1 / RCB-2	P-4	P-1/WT	RCB-2: FOR MILLWORK BASE; RE: INTERIOR ELEVATIONS FOR TILE PATTERN

ROOM FINISH SCHEDULE

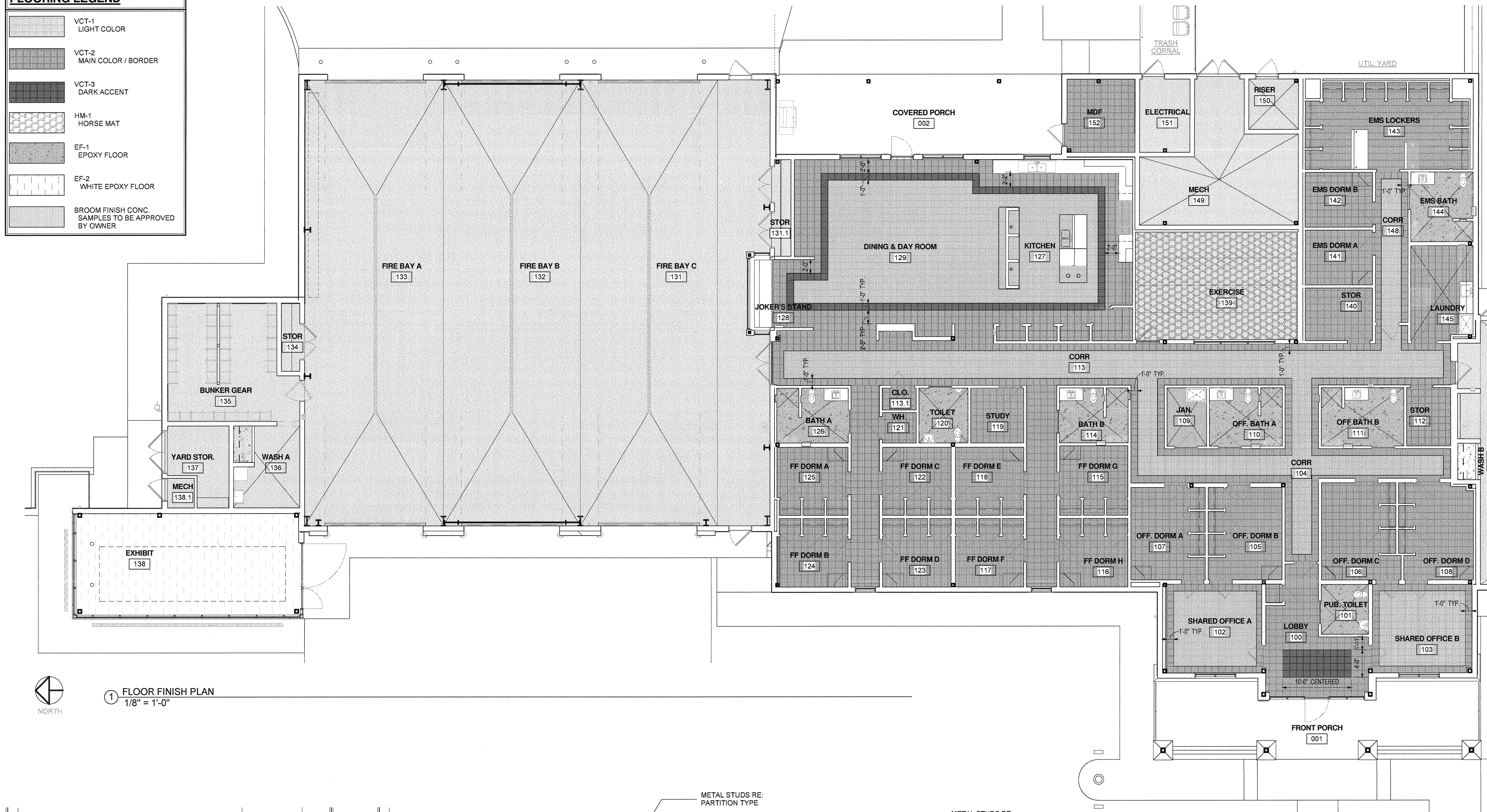
RM. NO.	RM. NAME	FLOOR FINISH	BASE FINISH	CEILING FINISH	WALL FINISH	COMMENTS
127	KITCHEN	VCT-1/VCT-2/ VCT-3	RCB-1/RCB-2	ACT-2	P-1	RE: FINISH FLOOR PLAN FOR PATTERN; RCB-2: FOR MILLWORK BASE
127.1	COM. PAN.	VCT-2	RCB-1	P-4	P-1	
127.2	PAN. A	VCT-2	RCB-1	P-4	P-1	
127.3	PAN. B	VCT-2	RCB-1	P-4	P-1	
127.4	PAN. C	VCT-2	RCB-1	P-4	P-1	
128	JOKER'S STAND	VCT-1/VCT-2/ VCT-3	RCB-1/RCB-2	P-4	P-1	RE: FINISH FLOOR PLAN FOR PATTERN; RCB-2: FOR MILLWORK BASE
129	DINING & DAY ROOM	VCT-1/VCT-2/ VCT-3	RCB-1	ACT-1	P-1	RE: FINISH FLOOR PLAN FOR PATTERN
131	FIRE BAY C	CONC.	N/A	UNPAINTED	P-3	
131.1	STOR	CONC.	RCB-1	UNPAINTED	P-3	
132	FIRE BAY B	CONC.	N/A	UNPAINTED	P-3	
133	FIRE BAY A	CONC.	N/A	UNPAINTED	P-3	
134	STOR	CONC.	N/A	UNPAINTED	P-3	
135	BUNKER GEAR	CONC.	N/A	ACT-2	P-3	
136	WASH A	CONC.	N/A	ACT-2	P-3	
137	YARD STOR.	CONC.	N/A	UNPAINTED	P-3	
138	EXHIBIT	EF-2	RCB-3	P-5	P-5	
138.1	MECH	CONC.	N/A	UNPAINTED	P-3	
139	EXERCISE	CONC.	RCB-1	ACT-1	P-1	WALLS: GLASS FIBER REINFORCED GWB; HM PROVIDED BY OWNER
140	STOR	VCT-2	RCB-1	ACT-1	P-1	
141	EMS DORM A	VCT-2	RCB-1	ACT-1	P-1	
142	EMS DORM B	VCT-2	RCB-1	ACT-1	P-1	
143	EMS LOCKERS	VCT-2	RCB-1	ACT-1	P-1	
144	EMS BATH	EF-1	EF-1 / RCB-2	P-4	P-1/WT	RCB-2: FOR MILLWORK BASE; RE: INTERIOR ELEVATIONS FOR TILE PATTERN
145	LAUNDRY	VCT-2	RCB-1/RCB-2	ACT-1	P-1*	RCB-2: FOR MILLWORK BASE
146	EMS BAY	CONC.	N/A	UNPAINTED	P-3	
146.1	MED. STOR B	CONC.	N/A	UNPAINTED	P-3	
146.2	MED. STOR. A	CONC.	N/A	UNPAINTED	P-3	
147	WASH B	CONC.	N/A	P-4	P-3	
148	CORR	VCT-1/VCT-2	RCB-1	ACT-1	P-1	RE: FINISH FLOOR PLAN FOR PATTERN
149	MECH	CONC.	N/A	UNPAINTED	P-3	
150	RISER	CONC.	N/A	UNPAINTED	P-3	
151	ELECTRICAL	CONC.	N/A	UNPAINTED	P-3	
152	MDF	VCT-2	RCB-1	UNPAINTED	P-3	

INTERIOR MATERIAL FINISH SCHEDULE

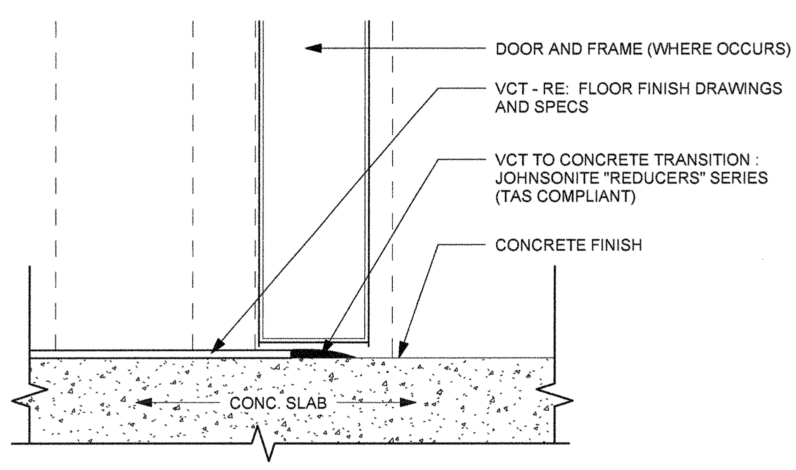
KEY	PRODUCT	MANUF.	STYLE	COLOR	COMMENTS
BASE					
EF-1	EPOXY FLOORING	STONHARD	4" BASE STONETEC-TRF	DAKOTA BRONZE	INTEGRATED w/ FLOOR
RCB-1	RUBBER COVE BASE	MANNINGTON	4" PREMIUM EDGE (TYPE TP)	931 OTTER BROWN	TYP.
RCB-2	RUBBER COVE BASE	MANNINGTON	4" PREMIUM EDGE (TYPE TP)	921 TOFFEE	FOR MILLWORK BASE
CEILING					
ACT-1	ACCOUSTICAL CEILING TILE	ARMSTRONG	1713 - 2x2 FINE FISSURED SQUARE LAY-IN	WHITE	TYP.
ACT-2	ACCOUSTICAL CEILING TILE	ARMSTRONG	1935 - 2x2 ULTIMA HEALTH ZONE	WHITE	WHERE CLEANABLE SURFACE REQUIRED
P-4	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	7012 CREAMY	TYP.
FLOOR					
CONC	CONCRETE SLAB EXPOSED	N/A	BROOM FINISH	N/A	PROVIDE SAMPLE OF FINISH TEXTURE AND DIRECTION FOR FIRE AND EMS BAYS. SAFD APPROVAL REQUIRED PRIOR TO INSTALLATION. RE: STRUCTURAL SPECS
EF-1	EPOXY FLOORING	STONHARD	STONETEC-TRF	DAKOTA BRONZE	
HM-1	HORSE MAT	RUBBER FLOORING INC.	1/4" ROLL	BLACK w/ GREEN FLEC (10%)	TO BE USED IN EXCERSISE ROOM
VCT-1	VINYL COMPOSITION TILE	MANNINGTON	PROGRESSIONS	55133 ALMONDINE	TYP. PUBPLIC AREAS (LIGHT TAN COLOR)
VCT-2	VINYL COMPOSITION TILE	MANNINGTON	PROGRESSIONS	55513 CEMENT	TYP. BORDER & PRIVATE ROOMS (LIGHT GREEN COLOR)
VCT-3	VINYL COMPOSITION TILE	MANNINGTON	PROGRESSIONS	55173 OTTER BROWN	ACCENT (DARK COLOR)
MILLWORK					
HV-1	HARDWOOD VENEER				
P-2	PAINT	SHERWIN WILLIAMS	GLOSS	7036 ACCESSIBLE BEIGE	INTERIOR DOORS FRAME
PL-1	PLASTIC LAMINATE	WILSONART	38-STANDARD	7991 NEOWALNUT	CABINETS & INTERIOR DOORS
PL-2	PLASTIC LAMINATE	PIONITE	SUEDE	AG381 MINERAL TALK	LAMINATE COUNTERTOP
PL-3	PLASTIC LAMINATE	PIONITE	SUEDE	TO MATCH RCB-2	BASE AT OUTER ISLAND
PL-4	PLASTIC LAMINATE	PIONITE	SUEDE	ST606 TAUPE	LAMINATE IN DORMS
SM-1	STAINLESS STEEL SHEET METAL	N/A	KITCHEN GRADE	STAINLESS STEEL	BEHIND STOVE IN KITCHEN, RE: INTERIOR ELEVATION
SS-2	SOLID SURFACE	TERREON	N/A	WHITE SAND	BRADLEY - INTEGRATED LAVATORY TOP RE: MEP
WALL FINISH					
E-3	EIFS	TBD	FINE SAND FINISH	7036 ACCESSIBLE BEIGE	AT JOKER STAND - COLOR TO MATCH ADJACENT
P-1	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	7036 ACCESSIBLE BEIGE	LATEX PAINT
P-3	EPOXY PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	7036 ACCESSIBLE BEIGE	EPOXY PAINTED CMU
WT-1	WALL TILE	INTERCERAMIC	6" IC BRITES	TENDER TAN	TYP.
WT-2	WALL TILE	INTERCERAMIC	6" IC BRITES	CANVAS	ACCENT
WT-3	WALL TILE	INTERCERAMIC	6" IC BRITES	MOSS	ACCENT
WT-4	WALL TILE	INTERCERAMIC	4.25"x12.75" BULLNOSE IC BRITES	TENDER TAN	BULLNOSE - EDGE BAND
SHOWROOM					
EF-2	PAINT	SHERWIN WILLIAMS	SEMI-GLOSS	7008 ALABASTER	EPOXY PAINT CONCRETE FLOOR IN SHOWROOM
P-5	PAINT	SHERWIN WILLIAMS	FLAT	7008 ALABASTER	SHOWROOM WALLS & CEILING
RCB-3	RUBBER COVE BASE	MANNINGTON	4" PREMIUM EDGE (TYPE TP)	939 COOL WHITE	SHOWROOM BASE

FLOORING LEGEND

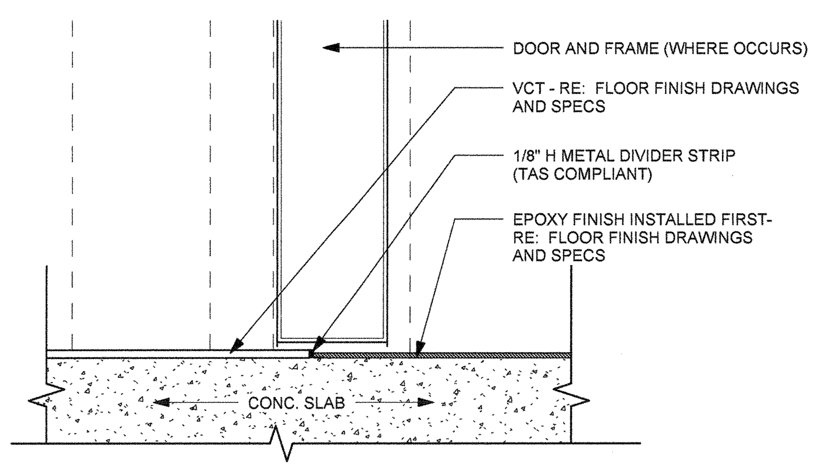
- VCT-1 LIGHT COLOR
- VCT-2 MAIN COLOR / BORDER
- VCT-3 DARK ACCENT
- HM-1 HORSE MAT
- EF-1 EPOXY FLOOR
- EF-2 WHITE EPOXY FLOOR
- BROOM FINISH CONC. SAMPLES TO BE APPROVED BY OWNER



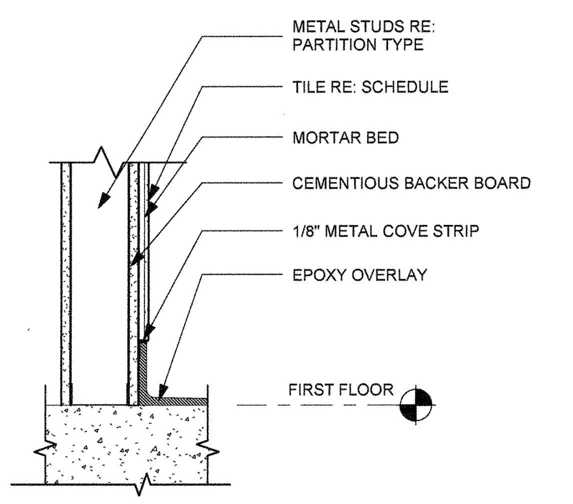
1 FLOOR FINISH PLAN
1/8" = 1'-0"



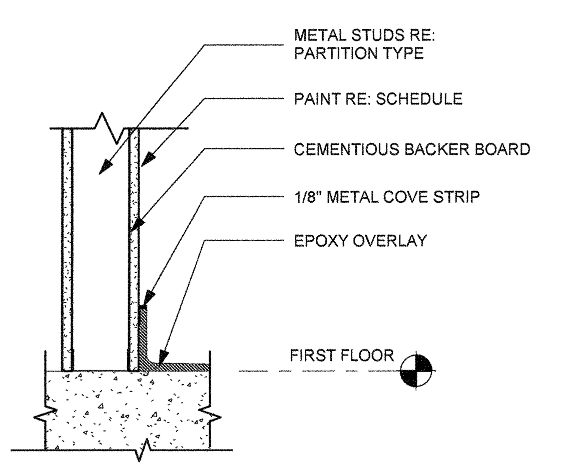
2 FLOOR TRANSITION VCT TO CONCRETE
6" = 1'-0"



3 FLOOR TRANSITION VCT TO EPOXY
6" = 1'-0"



4 EPOXY COVE BASE AT TILE DETAIL
1 1/2" = 1'-0"



5 EPOXY COVE BASE DETAIL AT GYP
1 1/2" = 1'-0"

NOTE:
ALL OUTSIDE CORNERS ON INTERIOR WALLS TO HAVE ALUM. CORNER GUARD. RE: SPECS.

NOTES:

1. ALWAYS REFER TO SPECIFICATIONS IN PROJECT MANUAL FOR ADDITIONAL INFORMATION (TYP.)
2. ALL GYP & TILE OUTSIDE CORNERS OF INTERIOR WALLS TO HAVE ALUM. CORNER GUARD. RE: SPECS.

PROJECT NO.
14012

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
A Addendum 2
1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
FLOOR FINISH PLAN INTERIOR ROOM FINISH SCHEDULE

MSA ARCHITECTURE
16719 Huebner Rd
Bldg. 3, Suite 301
San Antonio, TX 78248
(210) 408-7553 Voice
(210) 408-7543 Fax
www.msaofsa.com

11/23/15

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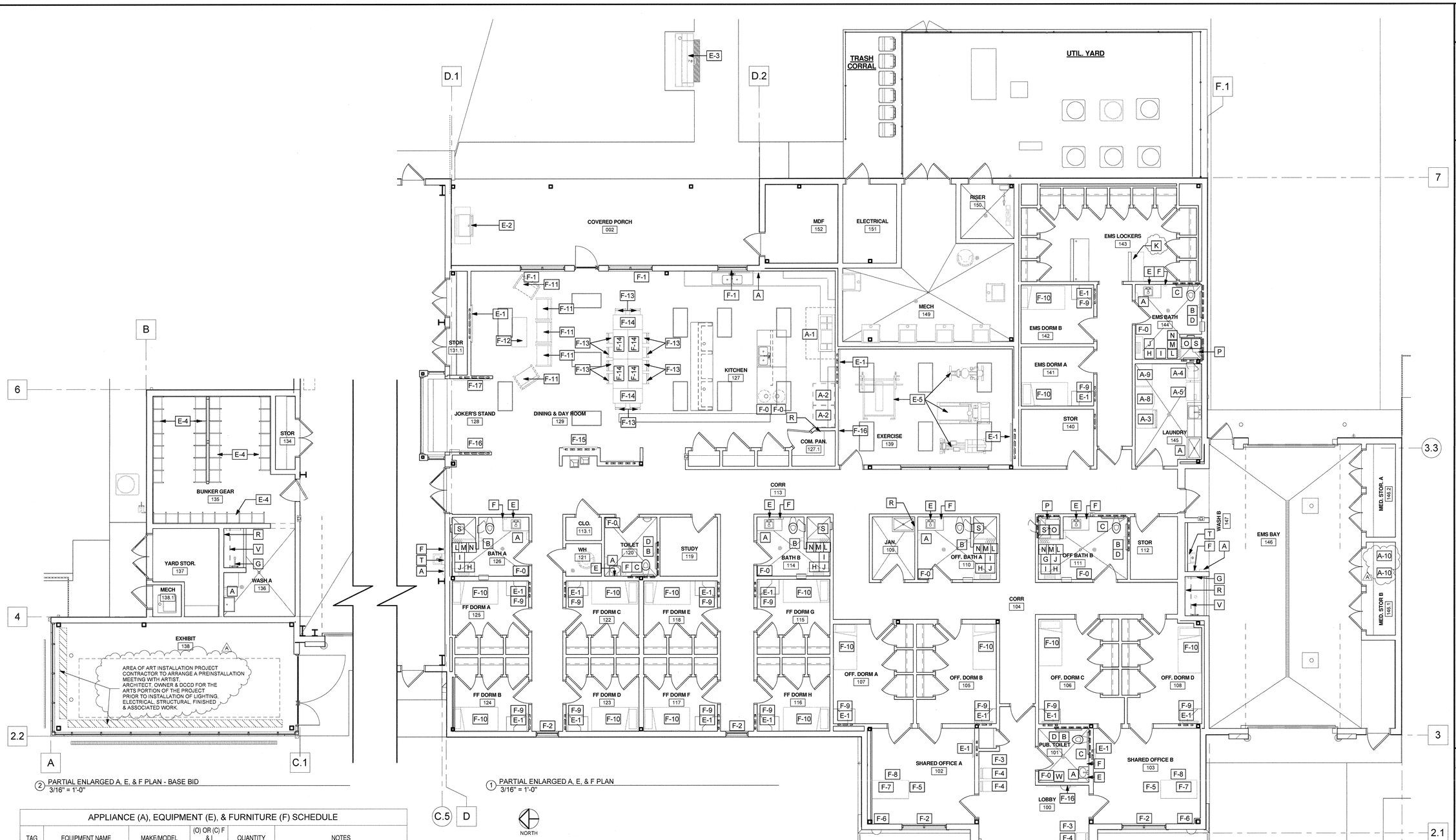

2 PARTIAL ENLARGED A, E, & F PLAN - BASE BID
3/16" = 1'-0"

1 PARTIAL ENLARGED A, E, & F PLAN
3/16" = 1'-0"

APPLIANCE (A), EQUIPMENT (E), & FURNITURE (F) SCHEDULE

TAG	EQUIPMENT NAME	MAKE/MODEL	(O) OR (C) F & I	QUANTITY	NOTES
APPLIANCE					
A-1	RANGE / OVEN	RE: SPECS	CFCI	1	INCL. 20" TALL STAINLESS STEEL RISER W/ SHELF
A-2	REFRIGERATOR	RE: SPECS	CFCI	2	
A-3	ICE MAKER	RE: SPECS	CFCI	1	WITH BIN
A-4	WASHING MACHINE	RE: SPECS	CFCI	1	CONTROLS AT 36" A.F.F. MAX.
A-5	DRYER	RE: SPECS	CFCI	1	CONTROLS AT 36" A.F.F. MAX.
A-6	MICROWAVE OVEN	TBD	OFOI	1	
A-7	COFFEE MAKER	TBD	OFOI	1	
A-8	VENDING MACHINE (DRINKS)	TBD	OFOI	1	
A-9	VENDING MACHINE (SNACKS)	TBD	OFOI	1	
A-10	MEDICAL STORAGE REFRIGERATOR	TBD	OFOI	2	
EQUIPMENT					
E-1	TELEVISION	TBD / MULTIPLE SIZES	OFOI	TBD	BLOCKING RE: DRAWINGS; PROVIDE WALL MOUNT WITH SWING ARM AT DORM ROOM LOCATION
E-2	BARBEQUE	TBD	OFOI	1	
E-3	GAS GRILL	TBD	OFOI	1	GAS LINE HOOK-UP RE: MEP
E-4	WIRE LOCKERS	RE: SPECS	CFCI	36	GRID GEAR - RE: SPECIFICATIONS
E-5	EXCERSISE EQUIPMENT	TBD	OFOI	1	
FURNITURE					
F-0	TRASH CAN - FREESTANDING	TBD	OFOI	TBD	
F-1	TRANSLUCENT SHADES	RE: SPECS	CFCI	3	ON EAST WALL WINDOWS
F-2	BLACK OUT SHADES	RE: SPECS	CFCI	4	ON WEST WALL WINDOWS
F-3	LOBBY SIDE TABLE	TBD	OFOI	2	
F-4	LOBBY CHAIR	TBD	OFOI	3	
F-5	MODULAR FILE CABINET	TBD	OFOI	2	
F-6	MODULAR BOOKSHELF	TBD	OFOI	2	
F-7	OFFICE DESK	TBD	OFOI	2	
F-8	OFFICE CHAIR	TBD	OFOI	2	
F-9	DORM CHAIR	TBD	OFOI	14	
F-10	BED	TBD	OFOI	14	
F-11	DAY ROOM CHAIR	TBD	OFOI	5-6	
F-12	COFFEE TABLE	TBD	OFOI	1	
F-13	DINING CHAIR	TBD	OFOI	12	
F-14	DINING TABLE	TBD	OFOI	6	
F-15	MAP & CASE	TBD	OFOI	2	BLOCKING RE: DRAWINGS
F-16	BULLITIN BOARD	TBD	OFOI	3	BLOCKING RE: DRAWINGS
F-17	DRY ERASE BOARD	TBD	OFOI	1	BLOCKING RE: DRAWINGS

ACCESSORIES SCHEDULE

	NAME	MANUF.	NUMBER	COMMENTS
A	C FOLD PAPER TOWEL DISPENSER	BOBRICK	B-2620	ADA COMPLIANT - KNOB LATCH
B	TOILET PAPER DISPENSER	BOBRICK	B-69997	ADA COMPLIANT - NO LOCK
C	GRAB BAR-36"	BOBRICK	B-6806x36	INSTALL AT 33"-36" A.F.F.
D	GRAB BAR-42"	BOBRICK	B-6806x42	INSTALL AT 33"-36" A.F.F.
E	MIRROR	BOBRICK	B-165 2436	ADA COMPLIANT
F	SOAP DISPENSER	BOBRICK	B-4112	ADA COMPLIANT
G	TOWEL BAR (SINGLE)	BOBRICK	B-530x24	
H	TOWEL BAR (SHELF)	BOBRICK	B-676	
I	ROBE HOOK	BOBRICK	B-2116	CONCEALED MOUNTING
J	BENCH (12x36)	BRADLEY	LENOX PEDESTAL	FIXED TO FLOOR PER MANUFACTURE, STARRY NIGHT
K	BENCH (20x48)	BRADLEY	LENOX PEDESTAL	FIXED TO FLOOR PER MANUFACTURE, STARRY NIGHT
L	SHOWER ROD	BARCLAY PRODUCTS	4100-36-BN	REMOVABLE TENSION ROD - BRUSHED NICKEL
M	SHOWER CURTAIN - VINYL	BOBRICK	B-204-2	ADA COMPLIANT
N	SHOWER CURTAIN HOOKS	BOBRICK	B-204-1	7 NEEDED FOR EACH SHOWER CURTAIN
O	SHOWER SEAT	BOBRICK	B-5191	
P	GRAB BAR - SHOWER	BOBRICK	B-5806x24	
Q	MOP RACK, BROOM HOLDER & SHELF	BOBRICK	B-224x36	NOT TO BE USED IN WASH AREA
R	MOP RACK	BOBRICK	B-223x36	TO BE USED IN WASH AREA
S	SHAMPOO NICHE	DANIELSKITCHENBATH.COM	APROX 12"x12"	1 COMPARTMENT RECESSED SHELF TO FIT IN 2x4 WALL
T	STEEL SHELF	BOBRICK	B-295x18	
U	STEEL SHELF	BOBRICK	B-295x24	
V	HEAVY DUTY HANGING ROD	N.A.	N.A.	1 1/2" DIA. GALV. STEEL PIPE w/ GALV. MOUNTING HARDWARE & CREW FASTENERS (SUPPORT 250LBS.)
W	BABY CHANGING STATION	BRADLEY	962	

RESPOSIBILITIES KEY

OFOI OWNER FURNISHED, OWNER INSTALLED
OFCI OWNER FURNISHED, CONTRACTOR INSTALLED
CFCI CONTRACTOR FURNISHED, CONTRACTOR INSTALLED

NOTES:

1. REFER TO SHEET A0.2 FOR ALL TAS ACCESSIBILITY HEIGHTS, CLEARANCE, MOUNTING HEIGHTS ET. AL.
2. REFER TO INTERIOR MATERIAL FINISH SCHEDULE ON SHEET A9.1 FOR ALL MATERIALS & FINISHES.
3. ALWAYS REFER TO SPECIFICATIONS IN PROJECT MANUAL FOR ADDITIONAL INFORMATION (TYP.)
4. APPLIANCES: PROVIDE ALL ACCESSORIES & CONNECTION HOSES REQUIRED FOR FULLY OPERATIONAL INSTALLATION FOR ALL APPLIANCES

PROJECT NO.
14012

REGISTERED ARCHITECT
HENRY R. MSA
17245
STATE OF TEXAS
2016.01.22

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, TX 78220

REVISIONS
A Addendum 2
1/22/16

PHASE
100%
CONSTRUCTION DOCUMENTS

DESCRIPTION
APPLIANCE, EQUIPMENT, & FURNITURE PLAN

MSA ARCHITECTURE
ARCHITECTURE • INTERIORS • PLANNING
16719 Huebner Rd
Bldg. 3, Suite 301
San Antonio, TX 78248
(210) 408-7553 Voice
(210) 408-7543 Fax
www.msaofsa.com

11/23/15

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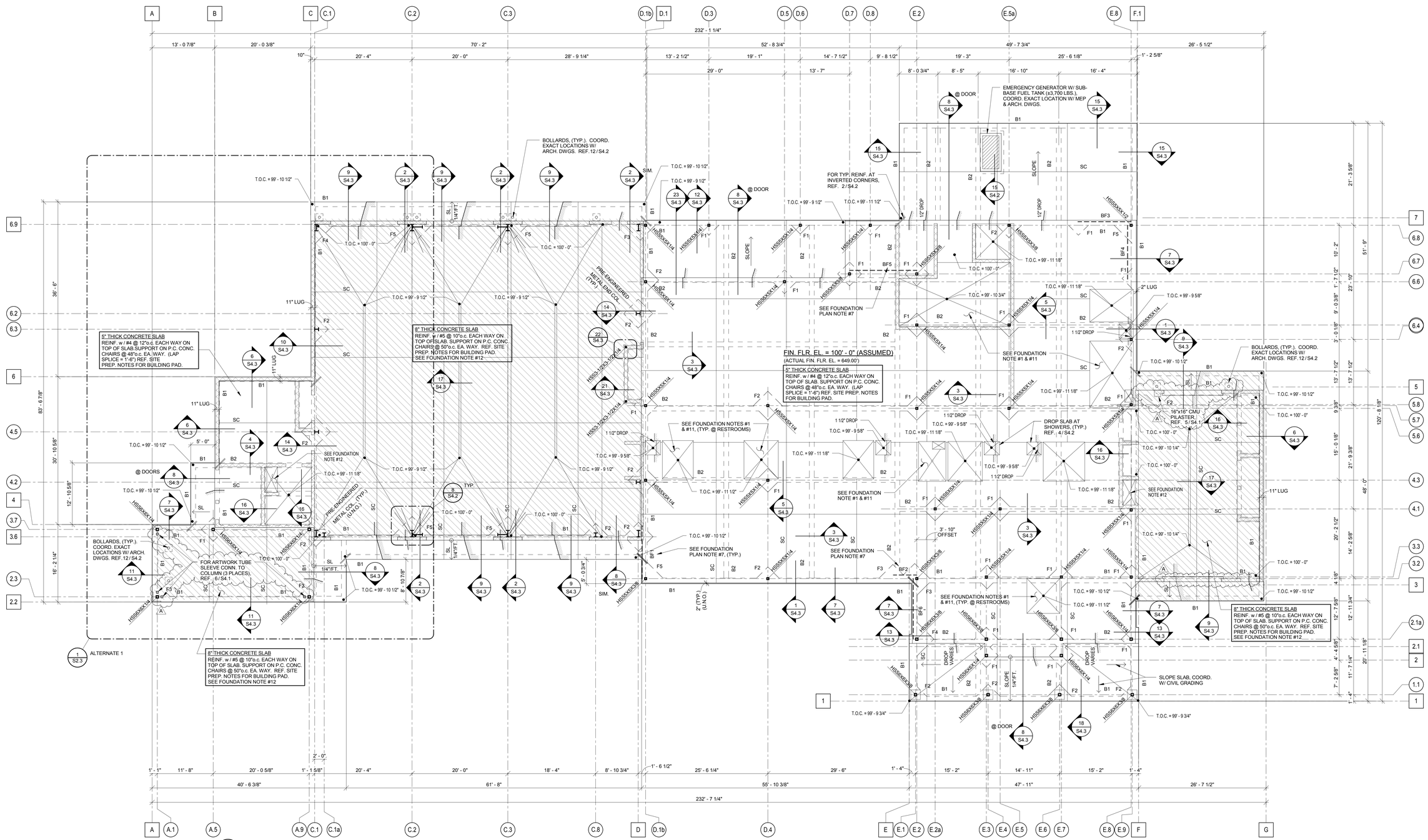
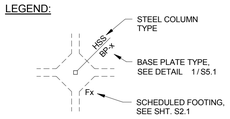


1 FOUNDATION FRAMING PLAN

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

LEGEND:



FOUNDATION PLAN NOTES:

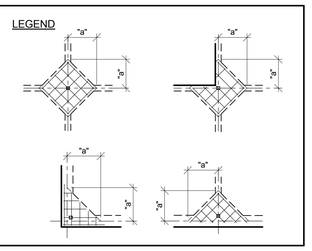
1. REF. ARCH'L/MEP FOR FLOOR DRAINS AND SLAB SLOPES TO DRAINS.
2. T.O.C. - DENOTES TOP OF CONCRETE ELEVATION.
3. SEE SHEET S2.1 FOR CONCRETE BEAM SCHEDULE.
4. SEE DETAIL 1 / S4.2 FOR TYPICAL CORNER BARS.
5. "SC" - DENOTES SAW CUT JOINT , SEE DETAIL 3 / S4.2 TYPICAL
6. SEE DETAIL 5 / S4.2 FOR TYPICAL GRADE BEAM AND REINFORCING REQUIREMENTS AT PLUMBING PENETRATIONS THROUGH GRADE BEAMS.
7. BF# - DENOTES BRACING, REF. ELEVATION VIEW AS NOTED ON PLAN. SEE SHEET S5.5 FOR BRACE FRAME ELEVATIONS.
8. COLUMN REACTIONS FROM PRE-ENGINEERED BUILDING HAVE BEEN ASSUMED. PRIOR TO CONSTRUCTION OF FOUNDATION , SUBMIT REACTIONS SO FOUNDATION DESIGN CAN BE VERIFIED.
9. VERIFY COLUMN LOCATIONS W/ APPROVED METAL BUILDING SHOP DRAWINGS PRIOR TO FOUNDATION CONSTRUCTION.
10. PROVIDE STONEHARD FLOOR FINISH AS SPECIFIED / SCHEDULED BY THE ARCHITECT AT THE ROOMS FOR EMS BATH (144), OFF BATH B (111), OFF BATH A (110), PUB. TOILET (101), BATH B (114), BATH A (126) AND SHARED TOILET (120).
11. THE CONTRACTOR SHALL POUR 3 PROPOSED BROOM FINISH MOCKUPS FOR THE FIRE APPARATUS BAYS AND EMS BAY FOR THE FIRE DEPARTMENT TO CHOOSE FROM PRIOR TO POURING THE ACTUAL CONCRETE FOUNDATIONS. PROVIDE ONE MOCKUP OF EACH OF THE FOLLOWING FOR FIRE DEPARTMENT REVIEW & SELECTION:
    A. LIGHT BROOM FINISH
    B. MEDIUM BROOM FINISH
    C. HEAVY BROOM FINISH
12. COORDINATE SLAB RECESSES/CURBS AT FLOOR SINK LOCATIONS WITH THE ARCHITECTURAL DRAWINGS AND THE FLOOR SINK SUPPLIER/SUB-CONTRACTOR.

FOOTING SCHEDULE

TYPE	" a "	REINFORCING
F1	2'-6"	4 - # 5 E.W.
F2	3'-0"	4 - # 5 E.W.
F3	3'-6"	5 - # 5 E.W.
F4	4'-0"	5 - # 5 E.W.
F5	4'-6"	6 - # 5 E.W.
F6	5'-0"	6 - # 5 E.W.
F7	5'-6"	7 - # 5 E.W.
F8	6'-0"	7 - # 5 E.W.

NOTES:
1. FOOTING DEPTH SHALL BE SAME DEPTH AS DEEPEST INTERSECTING BEAM.
2. "a" IS TO CENTERLINE OF BEAMS (TYP.)

LEGEND



CONCRETE GRADE BEAM SCHEDULE

CONCRETE			REINFORCING	REMARKS
MK	"W"	"D" MIN.		
B1	12	36	2 - # 7 TOP AND BOTTOM , # 3 STIRRUPS @ 18"o.c.	TYP. EXT. BEAM (U.N.O.)
B2	12	30	2 - # 7 TOP AND BOTTOM , # 3 STIRRUPS @ 18"o.c.	TYP. INT. BEAM (U.N.O.)

NOTES:
EXTERIOR SCHEDULED CONCRETE BEAM DEPTHS ARE MINIMUM. INCREASE EXTERIOR DEPTH TO MAINTAIN A MINIMUM OF 24" BELOW FINAL EXTERIOR GRADE.

ADD CONTINUOUS #3@12"o.c. HORIZONTAL BARS AT EA. FACE AND #3 STIRRUPS @ 12"o.c. WHEN BEAM DEPTH BECOMES DEEPER THAN 36" DUE TO LOWER FINAL GRADE (TYPICAL).

PROVIDE 40 BAR DIAMETER LAPS AT ALL SPLICES IN CONTINUOUS TOP AND BOTTOM BARS AT GRADE BEAMS.

ALPHA Consulting Engineers, Inc.
STRUCTURAL ENGINEERS
13300 OLD BLANCO RD. SUITE 326 SAN ANTONIO, TEXAS 78216
TEL: (210) 227-3647
www.alphaconsultingengineers.com

PROJECT NO.
14012

Alpha Consulting Engineers F-1010

STATE OF TEXAS
SCOTT S. TAK
52345
LICENSED PROFESSIONAL ENGINEER
11/19/15

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, Texas 78220

REVISIONS
A Revision 1 1/22/16

PHASE
100% CONSTRUCTION DOCUMENTS

DESCRIPTION
FOUNDATION FRAMING PLAN

MSA ARCHITECTURE
ARCHITECTURE • INTERIORS • PLANNING
16719 Huebner Rd
Bldg. 3, Suite 301
San Antonio, TX 78248
(210) 408-7553 Voice
(210) 408-7543 Fax
www.msaofsa.com

11/19/15

S2.1

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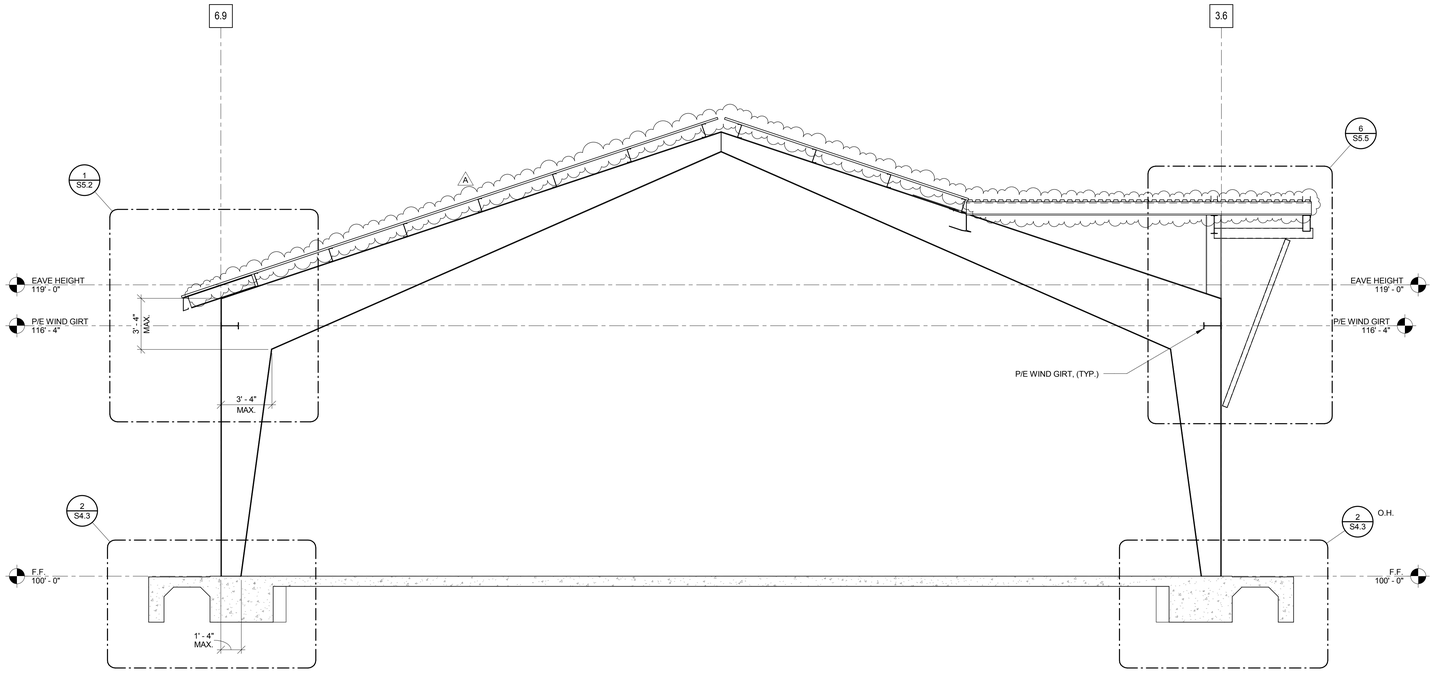
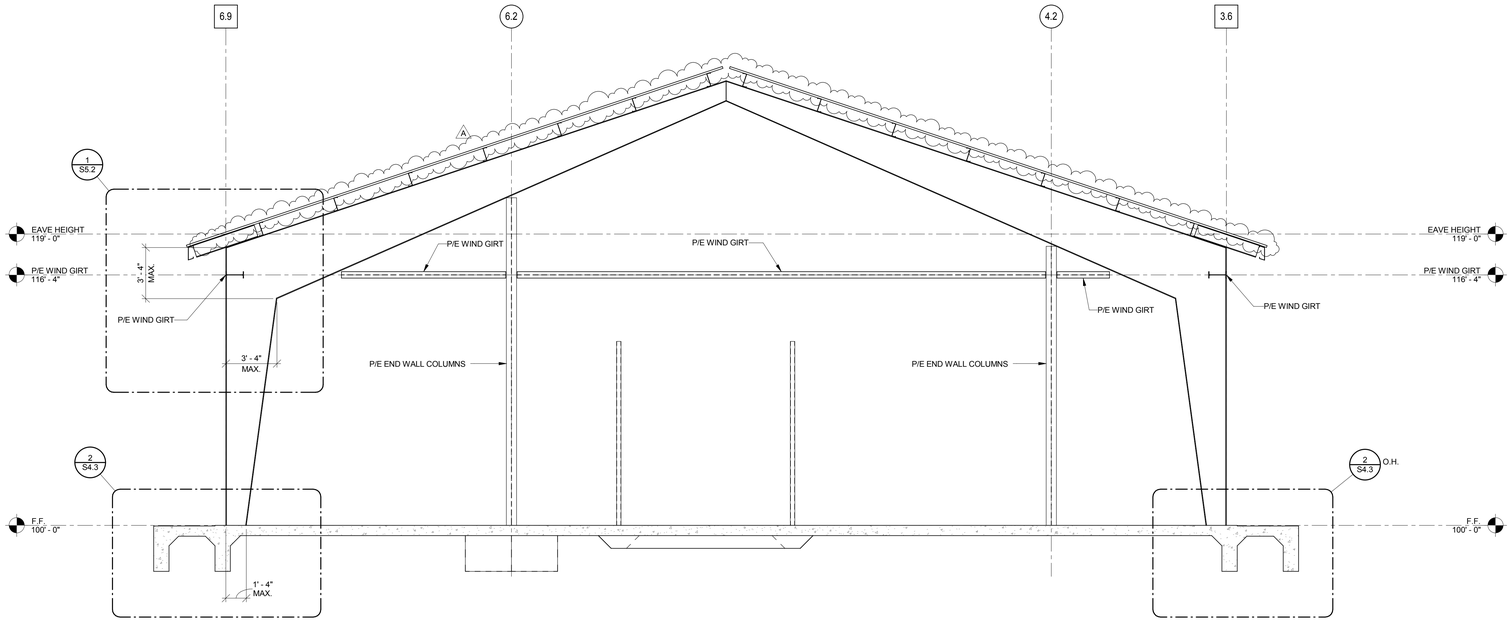


1 PRE-ENGINEERED METAL FRAME ELEVATION
SCALE : 1/4" = 1'-0"



2 PRE-ENGINEERED METAL FRAME ELEVATION
SCALE : 1/4" = 1'-0"

PROJECT NO.
14012

Alpha Consulting Engineers F-1010

STATE OF TEXAS
SCOTT S. TAK
52345
LICENSED
PROFESSIONAL ENGINEER
11/19/15

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ALPHA
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13300 OLD BLANCO RD. SUITE 329 SAN ANTONIO, TEXAS 78216
TEL: (210) 227-3647
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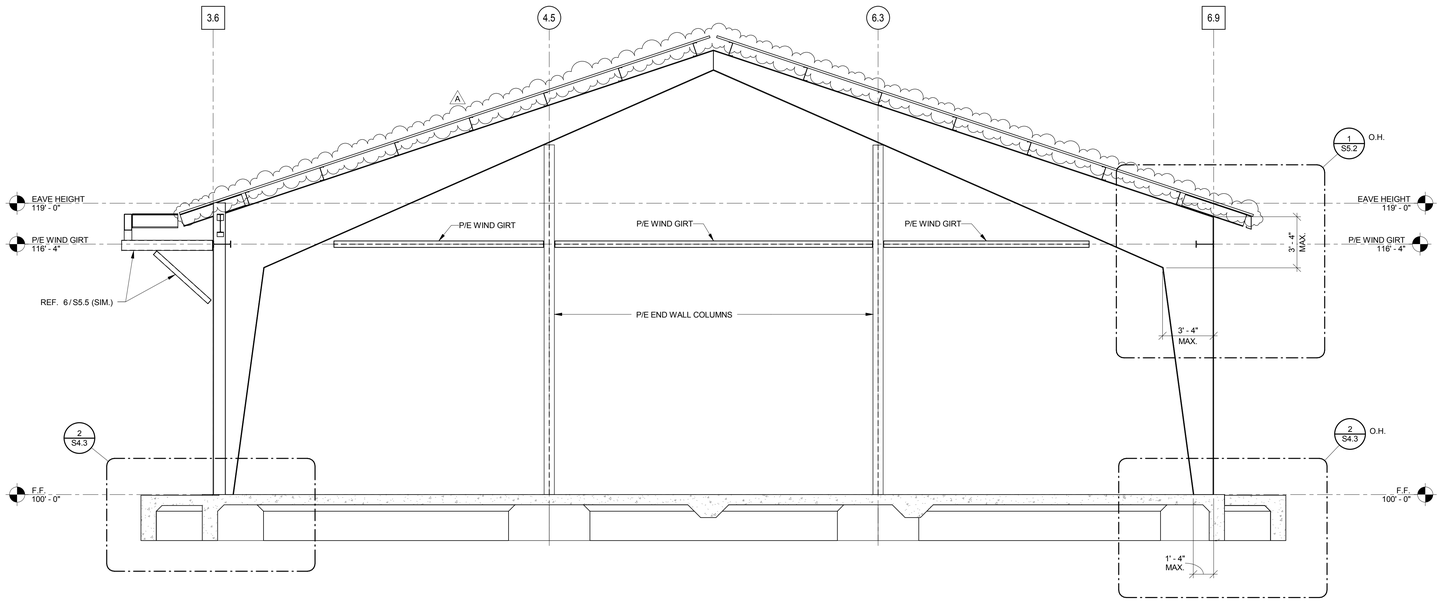
S3.1

1/20/2016 3:46:13 PM C:\Users\Admin\Documents\14012 - FIRE STATION #18 CENTRAL DIS_Michael_Model.rvt



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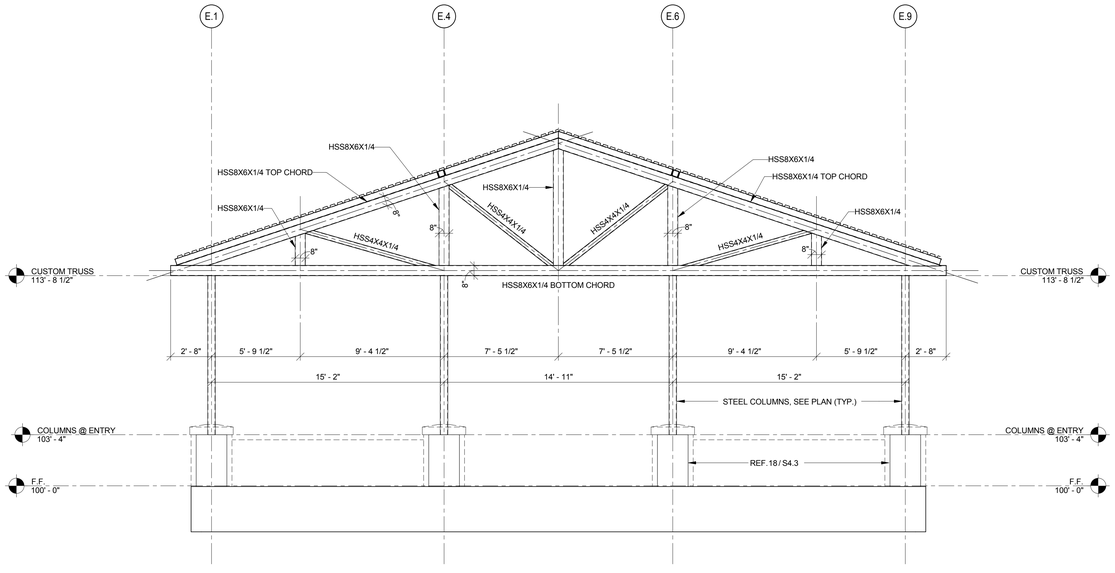

2 MAIN ENTRY TRUSS ELEVATION

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

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S3.2

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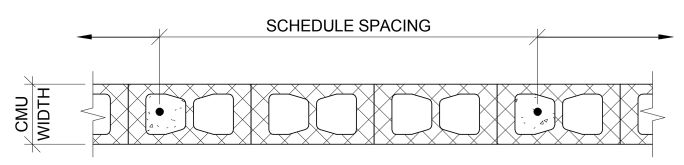
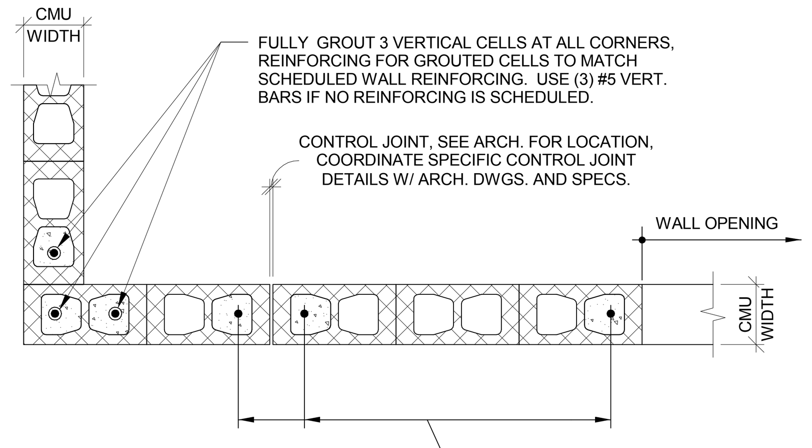
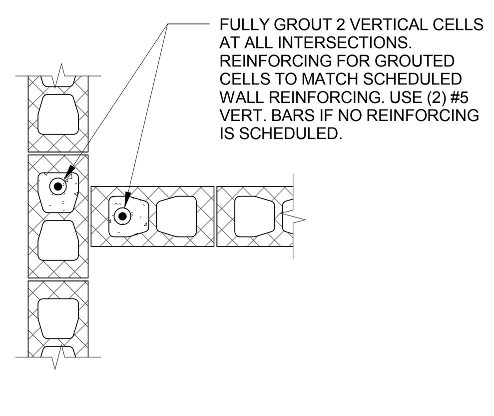


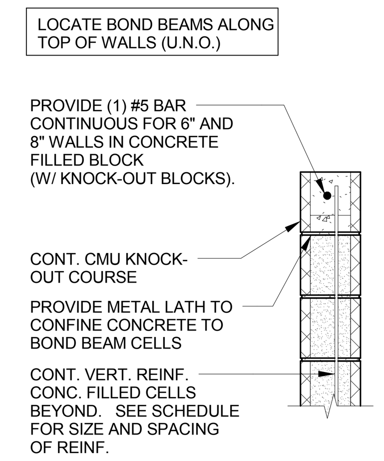
TYPICAL CMU WALL REINFORCING DETAIL



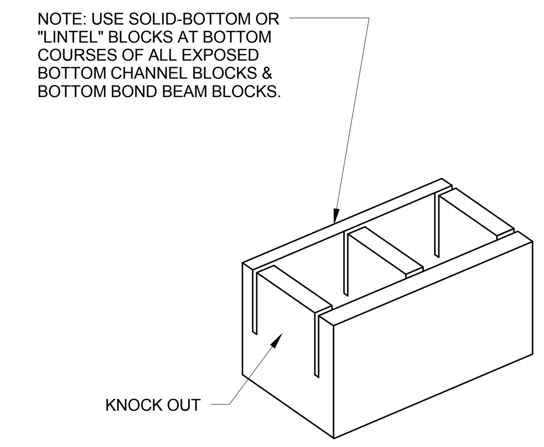
TYPICAL CMU WALL REINF. AT CONTROL JOINT, CORNER, DOOR OR WINDOW JAMB



TYPICAL CMU WALL REINF. AT INTERSECTING WALLS



TYP. CONT. CMU KNOCK-OUT COURSE AT TOP OF WALL AND BOTTOM OF OPENINGS



TYPICAL CMU KNOCK-OUT BLOCK AT ALL BOND BEAMS

CMU WALL NOTES:

CW-1 REINFORCED CONCRETE MASONRY WALLS SHALL BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH THE CODE APPLICABLE EDITIONS OF THE AMERICAN CONCRETE INSTITUTE "BUILDING CODE REQUIREMENTS OF MASONRY STRUCTURES" (ACI 530/ASCE 5/TMS 402), THE "SPECIFICATION FOR MASONRY STRUCTURES" (ACI 530.1/ASCE 6/TMS 602) AND ASSOCIATED COMMENTARIES FOR THE ABOVE.

CW-2 UNLESS NOTED OTHERWISE, ALL CONCRETE MASONRY UNITS (CMU) SHALL HAVE A SPECIFIED MINIMUM COMPRESSIVE STRENGTH OF 1900 PSI WITH A MAXIMUM LINEAR SHRINKAGE OF 0.06% CONFORMING TO ASTM C90 TYPE I, WEIGHING NOT MORE THAN 105 PCF DRY.

CW-3 ALL MORTAR SHALL BE ASTM C-270 TYPE "S" MORTAR MIXED BY PROPORTION METHOD.

CW-4 ALL CMU WALLS SHALL BE LAID WITH FULL MORTAR COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS, AND ALL WEBS.

CW-5 MASONRY UNITS SHALL BE DRY WHEN LAID. EACH UNIT SHALL BE ADJUSTED TO FINAL POSITION IN THE WALL WHILE MORTAR IS STILL SOFT AND PLASTIC. ANY UNIT DISTURBED AFTER MORTAR HAS STIFFENED SHALL BE REMOVED AND RELAYED WITH FRESH MORTAR. VERTICAL CELLS TO BE REINFORCED AND/OR FILLED WITH GROUT SHALL BE ALIGNED TO PROVIDE A CONTINUOUS UNOBSTRUCTED OPENING OF THE FULL CELL DIMENSIONS. CHASES SHALL BE BUILT IN AND NOT CUT IN. CHASES SHALL BE PLUMB AND SHALL BE MINIMUM, ONE UNIT LENGTH FROM JAMBS OF OPENINGS. ANCHORS, WALL PLUGS, ACCESSORIES AND OTHER ITEMS TO BE BUILT IN SHALL BE INSTALLED AS THE MASONRY WORK PROGRESSES. ALL CUTTING AND FITTING OF MASONRY, INCLUDING THAT REQUIRED TO ACCOMMODATE WORK OF OTHER SECTIONS SHALL BE DONE BY MASONRY MECHANICS WITH MASONRY SAWS.

CW-6 GROUT FOR FILLED CELLS, LINTELS AND BOND BEAM SHALL BE A MIXTURE OF CEMENT, SAND, AND PEA GRAVEL PROPORTION AND GROUT SHALL CONFORM TO ASTM C-476.

CW-7 REINFORCE ALL CONCRETE MASONRY UNITS WITH TRUSS TYPE HOT DIP GALVANIZED COLD-DRAWN STEEL CONFORMING TO ANS1/ASTM A82, 3/16 INCH SIDE RODS WITH 3/16 INCH CROSS TIES SPACED AT 16" o.c. OVERLAP 6" @ SPLICE.

CW-8 ALL VERTICAL STEEL SHALL BE POSITIONED IN WALL USING "REBAR POSITIONERS" BY AA WIRE PRODUCTS CO. OR REVIEWED EQUAL.

CW-9 PROVIDE CLEANOUTS AT BOTTOM OF EACH REINFORCED CELL IN ACCORDANCE WITH THE SPECIFICATIONS.

CW-10 ALL MASONRY REINFORCEMENT SHALL BE NEW DOMESTIC DEFORMED BILLET STEEL, CONFORMING TO ASTM A615, GRADE 60, EXCEPT WELDABLE REBARS ASTM A706, GR 60. REFER TO THE ADJACENT TABLE FOR REBAR LAP IN MASONRY.

CMU WALL REINFORCING SCHEDULE

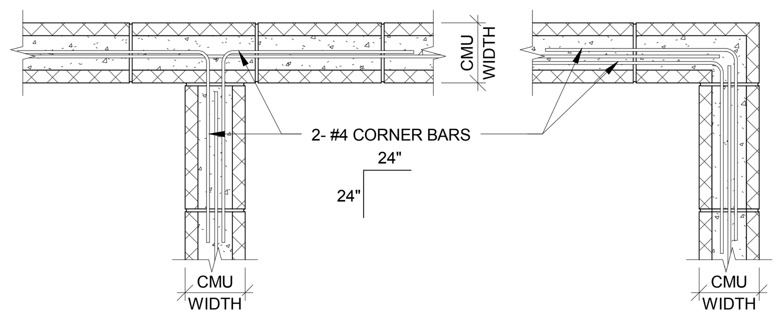
PLAN AREA	CMU BLOCK WIDTH	MIN. REINFORCING
INTERIOR WALLS	4" AND 6" NON-LOAD BEARING WALLS	NOT REQUIRED, SEE NOTE 2 BELOW
INTERIOR WALLS BRACED < 16'-0" HIGH	8" NON-LOAD BEARING WALL	NOT REQUIRED
INTERIOR WALLS BRACED > 16'-0" HIGH	8" NON-LOAD BEARING WALL	(1) #5 VERT. @ 48"o.c.
EXTERIOR WALLS (UNLESS SCHEDULED OTHERWISE)	8" NON-LOAD BEARING WALL	(1) #5 VERT. @ 48"o.c.
FIRE BAYS	8" NON-LOAD BEARING WALL	(1) #6 VERT. @ 32"o.c.,
EMS BAYS	8" LOAD BEARING WALL	(1) #6 VERT. @ 16"o.c.,
BUNKER GEAR AREA (BASE BID)	8" LOAD BEARING WALL	(1) #6 VERT. @ 24"o.c.,

NOTES:

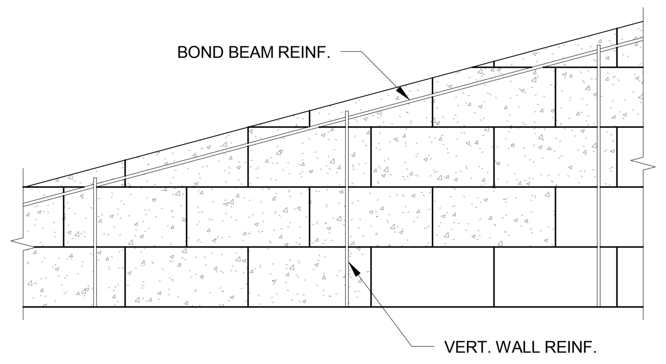
1. DEFLECTION LIMIT = L/600.

2. ALL 4" AND 6" CMU WALLS AT TOILET ROOMS SHALL BE LAID USING A RUNNING BOND PATTERN AND INTERLOCKED WITH INTERSECTING 8" CMU INTERIOR CLASSROOM WALLS.

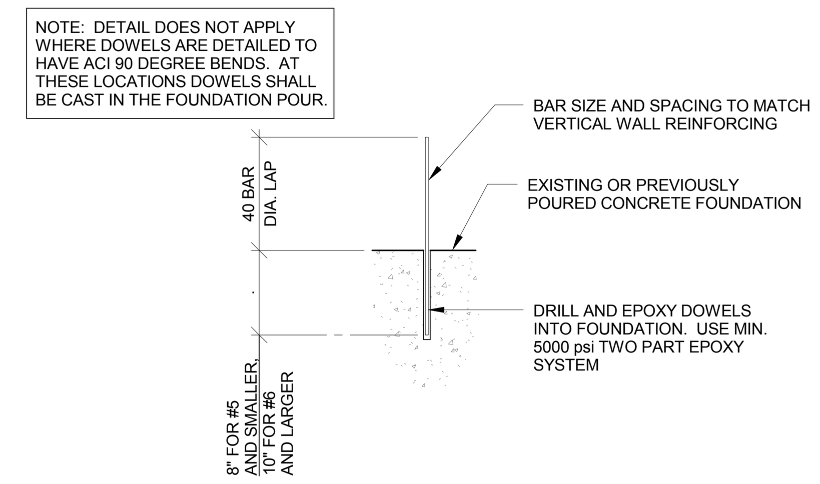
3. REFER TO SECTIONS AND DETAILS FOR ADDITIONAL REINFORCING REQUIREMENTS THAT MAYBE REQUIRED AT TYPICAL CONDITIONS.



TYP. 8" BOND BEAM CORNER BARS



TYP. BOND BEAM AT GABLE END (MIN. 16" DEEP)

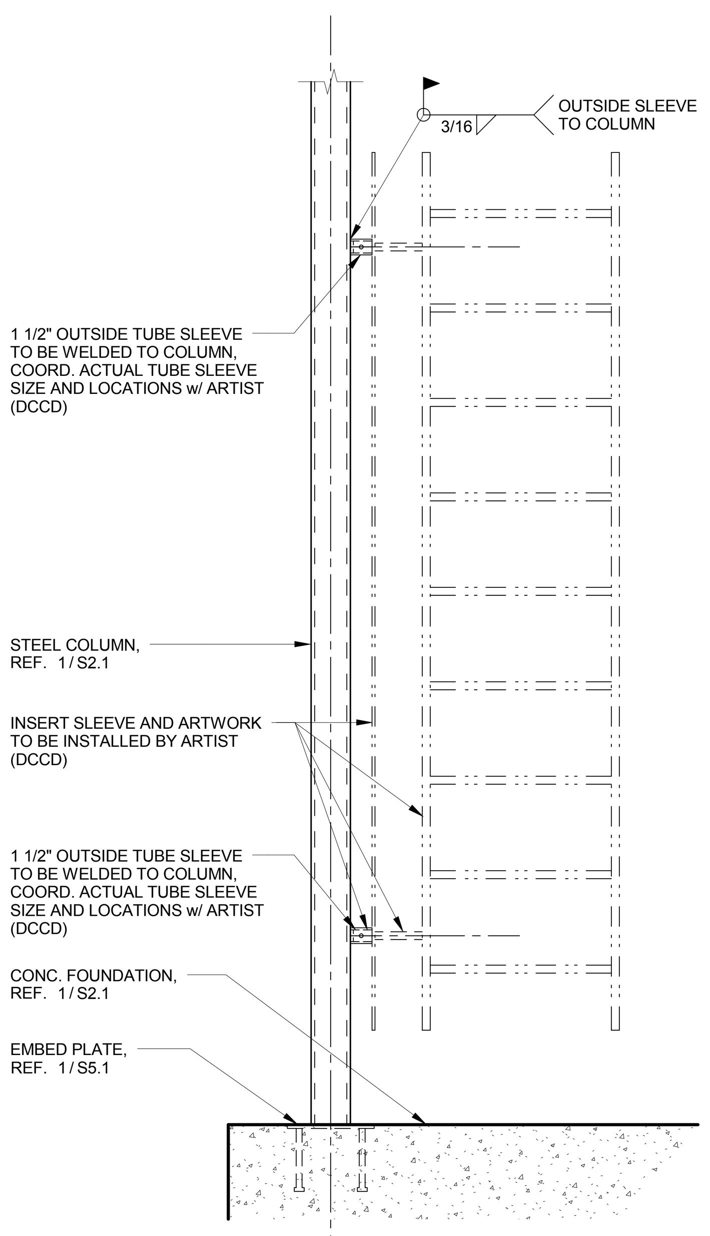


CONTRACTORS OPTION TO DRILL & SET CMU WALL DOWELS

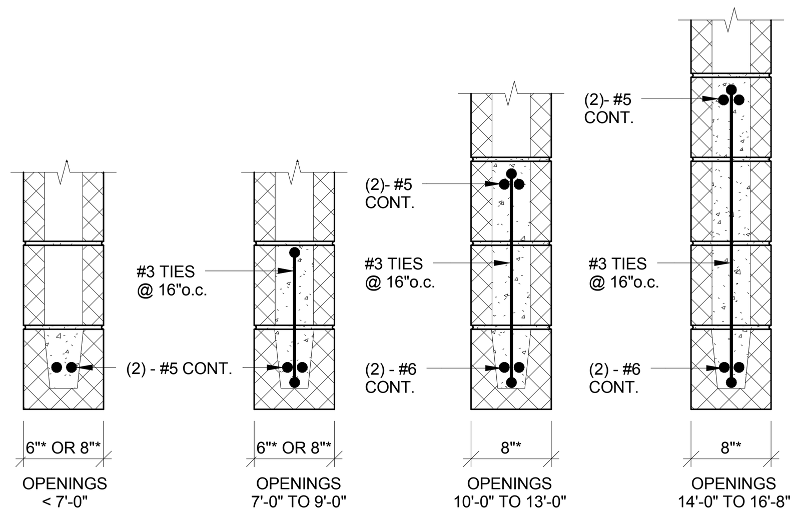
REBAR LAP IN MASONRY

REBAR SIZE	LAP SPLICE LENGTH	
	INTERIOR WALL	EXTERIOR WALL
3	15"	27"
4	20"	36"
5	25"	45"
6	30"	54"
7	35"	63"

1 TYPICAL CONCRETE MASONRY UNIT DETAILS, SCHEDULES AND NOTES
SCALE : 3/4" = 1'-0"



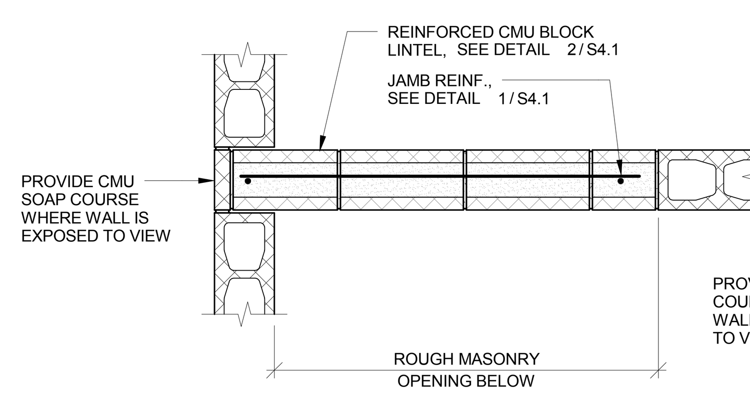
6 DETAIL
SCALE : 3/4" = 1'-0"



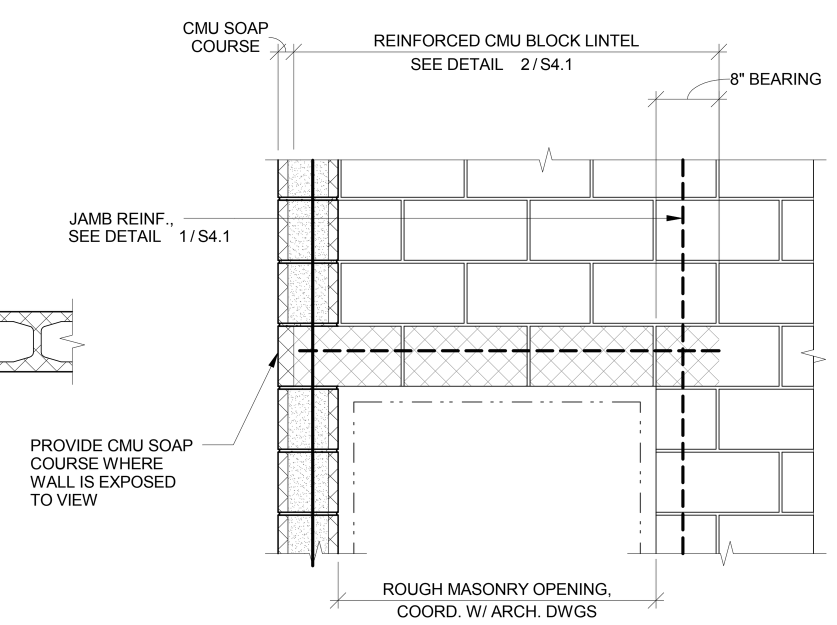
NOTES:
1. FOR ALL OPENINGS IN INTERIOR BLOCK PARTITIONS AND FOR OPENINGS IN EXTERIOR BLOCK WALLS WITH NO SCHEDULED LINTELS, SEE ARCHITECT'S DRAWING FOR SIZE AND LOCATION OF OPENINGS. PROVIDE A MINIMUM OF 8" BEARING EACH END. REFER TO DETAIL 5/S4.1 FOR LINTEL BEARING REQUIREMENTS AT "T" WALL INTERSECTIONS.

2. * NOMINAL WALL THICKNESS, (TYP.)

2 REINFORCED BLOCK LINTELS
SCALE : 1" = 1'-0"



PLAN VIEW

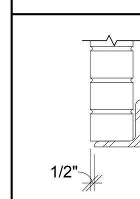


ELEVATION

3 DETAIL
SCALE : 3/4" = 1'-0"

LOOSE STEEL LINTEL SCHEDULE

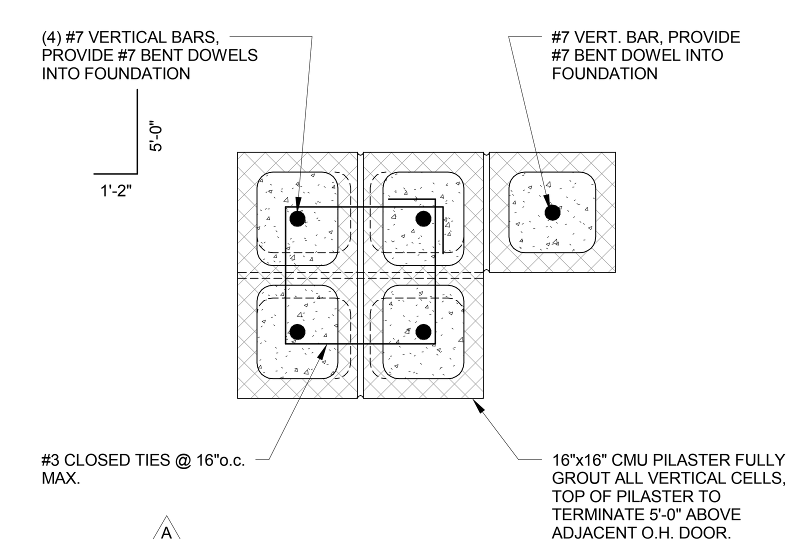
SIZE (L.L.V.)	TYPE	CLEAR OPENING		REMARKS
		GREATER THAN	UP TO	
L4 x 4 x 5/16	A	-	6'-0"	MIN. 8" BRG. EA. END
L6 x 4 x 5/16 (LLV)	A	6'-0"	10'-0"	MIN. 8" BRG. EA. END
L7 x 4 x 3/8 (LLV)	A	10'-0"	12'-0"	MIN. 12" BRG. EA. END
L8 x 6 x 1/2 (LLV)	A	12'-0"	14'-0"	MIN. 12" BRG. EA. END



TYPE A
LINTEL AT BRICK

NOTES:
1. WHERE COLUMN OCCURS WITHIN 8" OF OPENING, FRAME LINTEL INTO COLUMN WITH CLIP ANGLES, WELD PLATES, ANCHOR BOLTS OR WELDED SHEAR PLATES.
2. SIZES NOTED ABOVE ARE REQUIRED MINIMUMS AND CAN BE INCREASED AS REQUIRED TO ACCOMMODATE ARCHITECTURAL DETAILS.
3. PROVIDE REINFORCE BLOCK LINTELS AT ALL MASONRY OPENINGS. REF. DETAIL 2 / S4.1 (U.N.O.).

4 LOOSE STEEL LINTEL SCHEDULE
SCALE : 3/4" = 1'-0"



5 PLAN DETAIL
SCALE : 1 1/2" = 1'-0"

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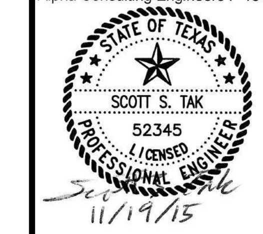

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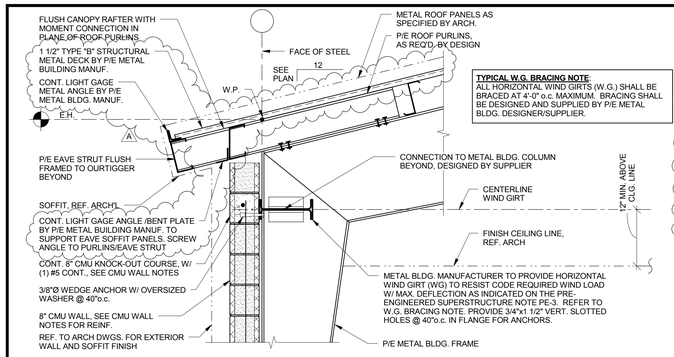

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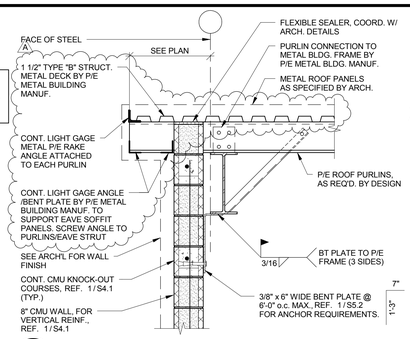

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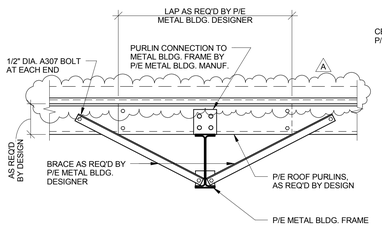

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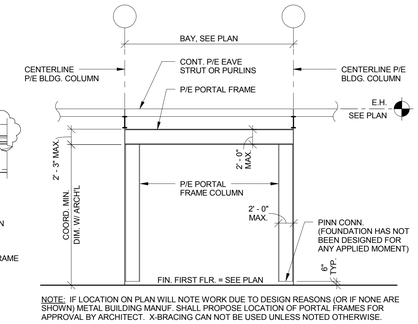
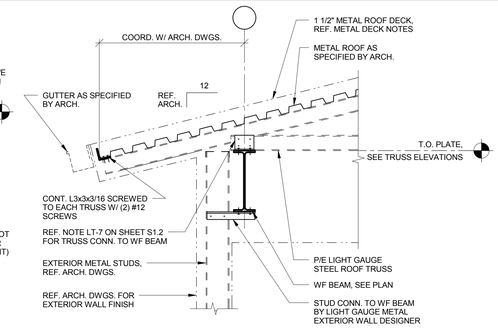


NOTE: IF LOCATION ON PLAN WILL NOTE WORK DUE TO DESIGN REASONS (OR IF NONE ARE SHOWN) METAL BUILDING MANUF. SHALL PROPOSE LOCATION OF PORTAL FRAMES FOR APPROVAL BY ARCHITECT. X-BRACING CAN NOT BE USED UNLESS NOTED OTHERWISE.

4 TYPICAL PORTAL FRAME ELEVATION
SCALE : 1/8" = 1'-0"



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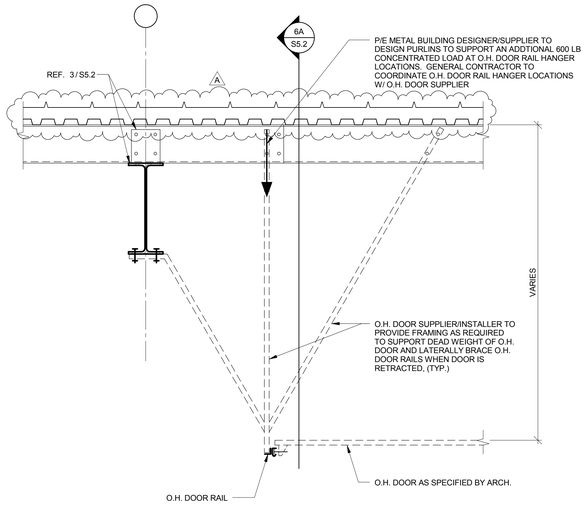

6 6A DETAIL
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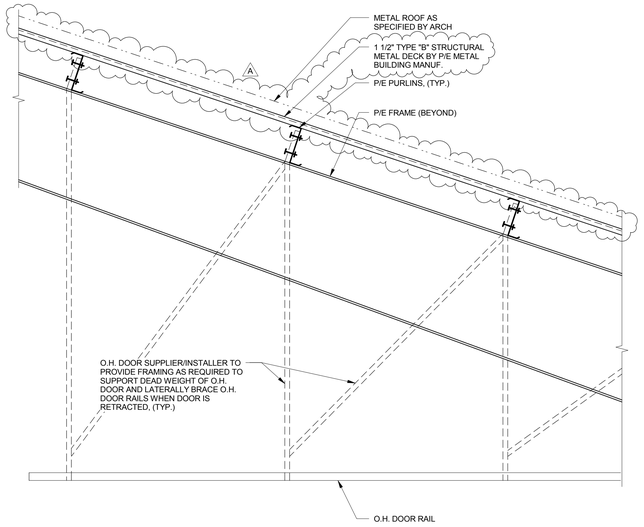

6A ELEVATION
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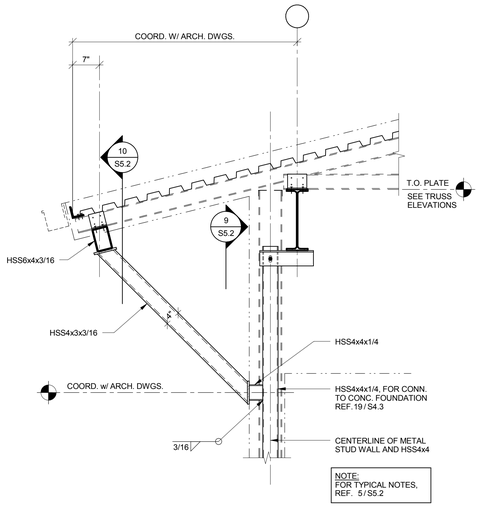

NOTE:
FOR TYPICAL NOTES, REF. 5 / S5.2

7 SECTION
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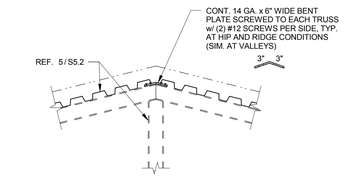

8 DETAIL
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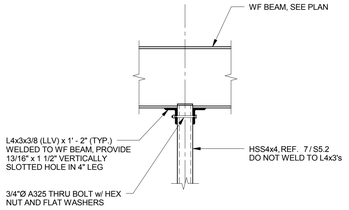

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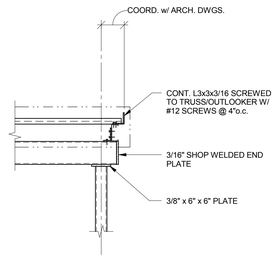

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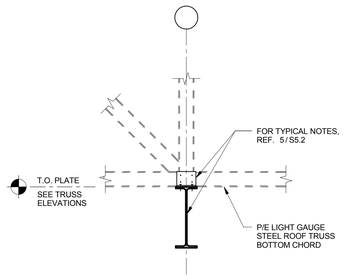

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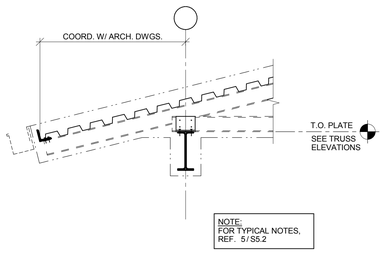

NOTE:
FOR TYPICAL NOTES, REF. 5 / S5.2

12 SECTION
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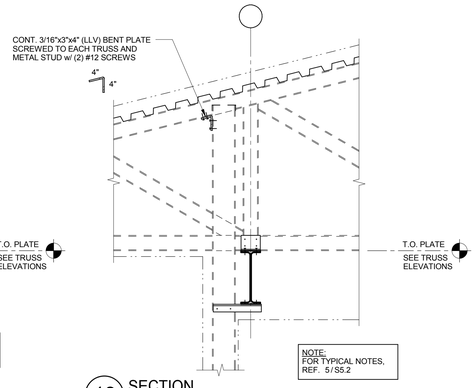

NOTE:
FOR TYPICAL NOTES, REF. 5 / S5.2

13 SECTION
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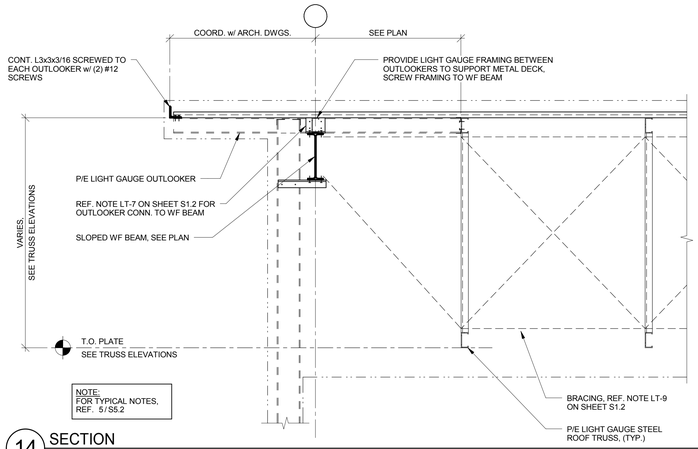

NOTE:
FOR TYPICAL NOTES, REF. 5 / S5.2

14 SECTION
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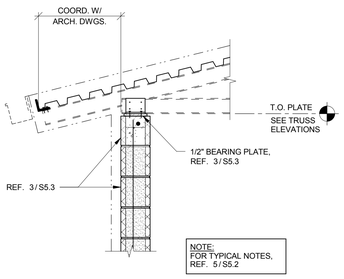
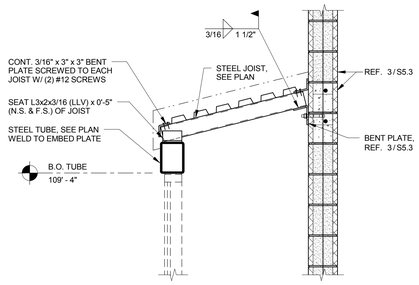


NOTE:
FOR TYPICAL NOTES, REF. 5 / S5.2

15 SECTION
SCALE : 3/4" = 1'-0"



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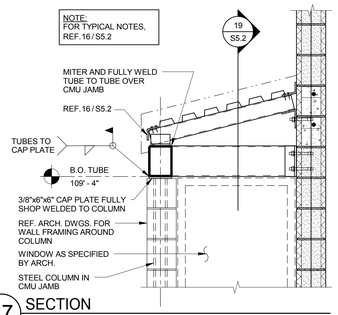

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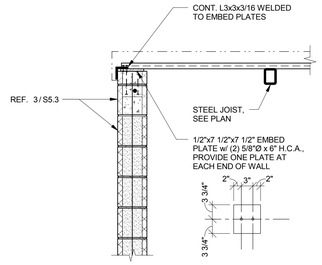

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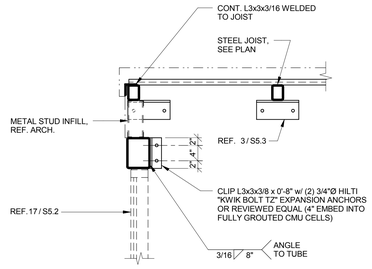

19 SECTION
SCALE : 3/4" = 1'-0"

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PROJECT NO.
14012

Alpha Consulting Engineers F-1010

STATE OF TEXAS
SCOTT S. TAK
52345
LICENSED
PROFESSIONAL ENGINEER
11/19/15

City of San Antonio
Fire Station No. 18
1410 S. W.W. White Rd.
San Antonio, Texas 78220

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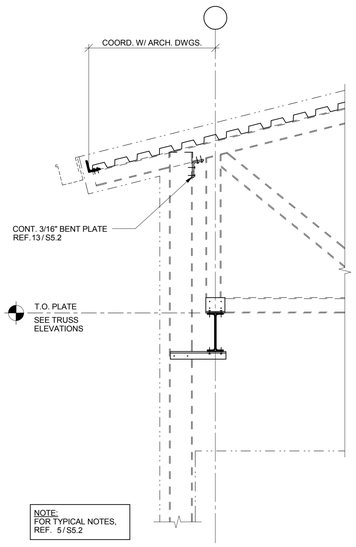

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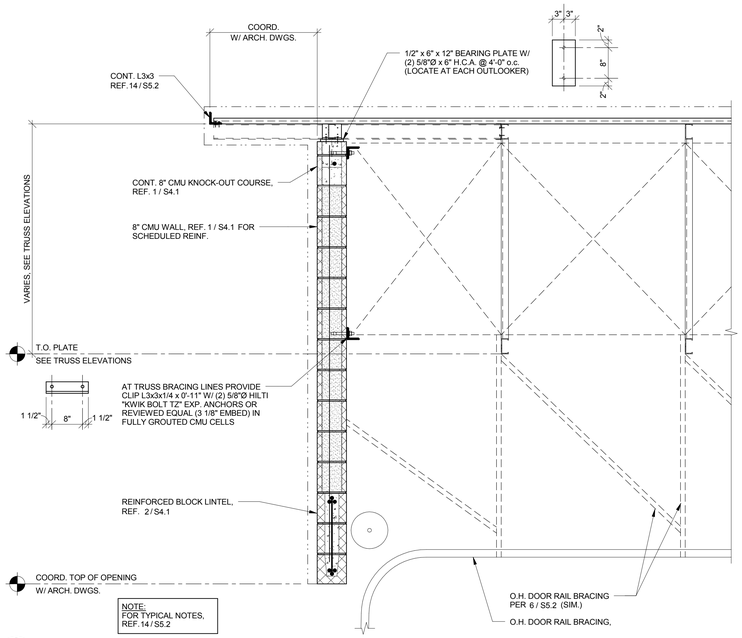

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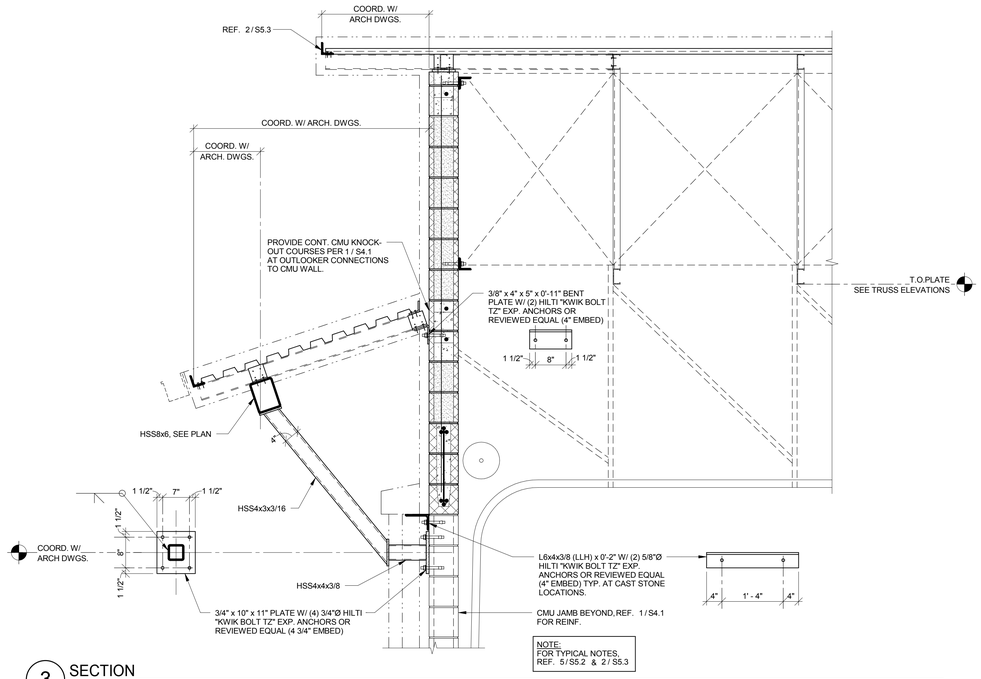

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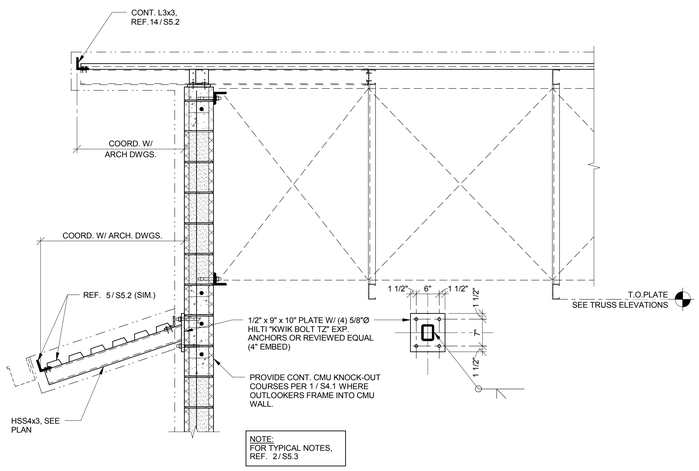

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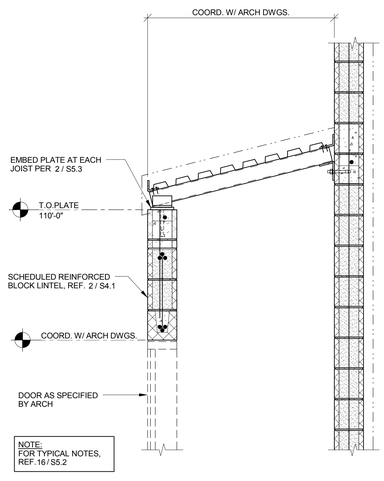

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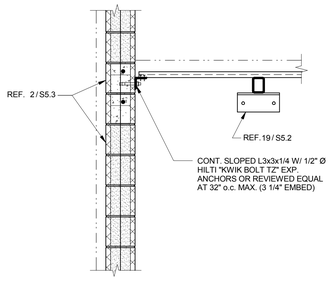

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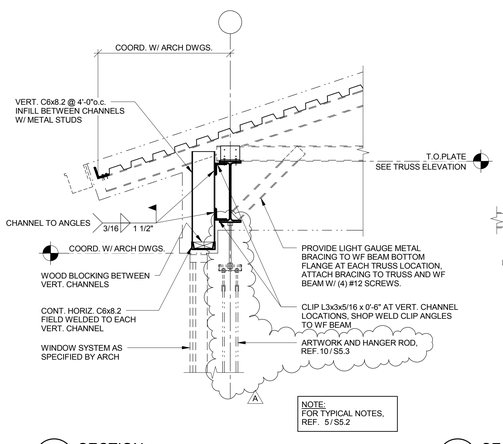

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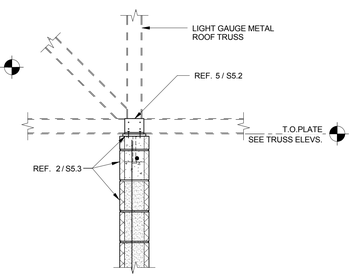

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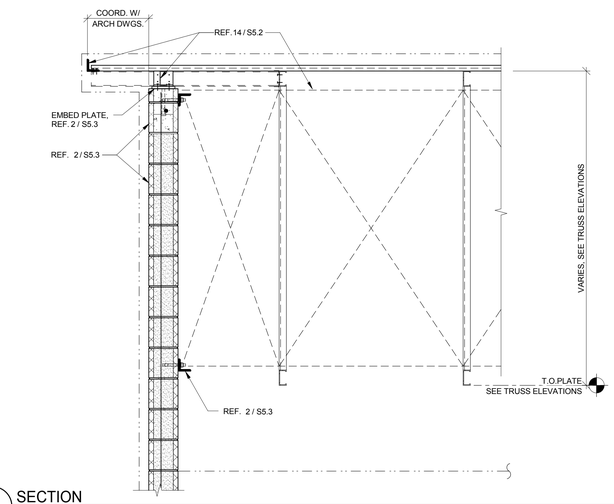

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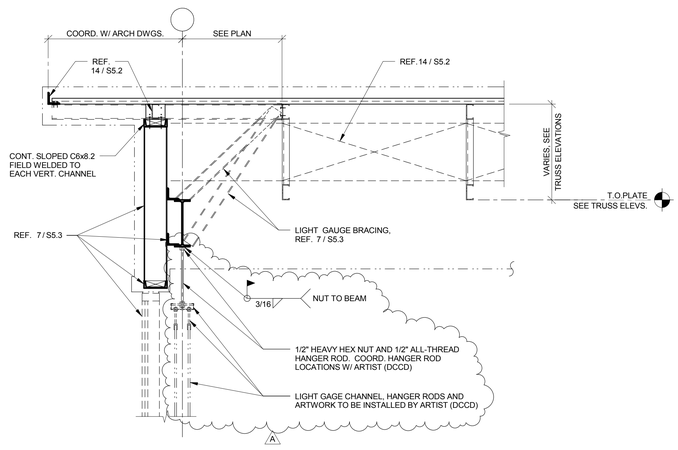

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