



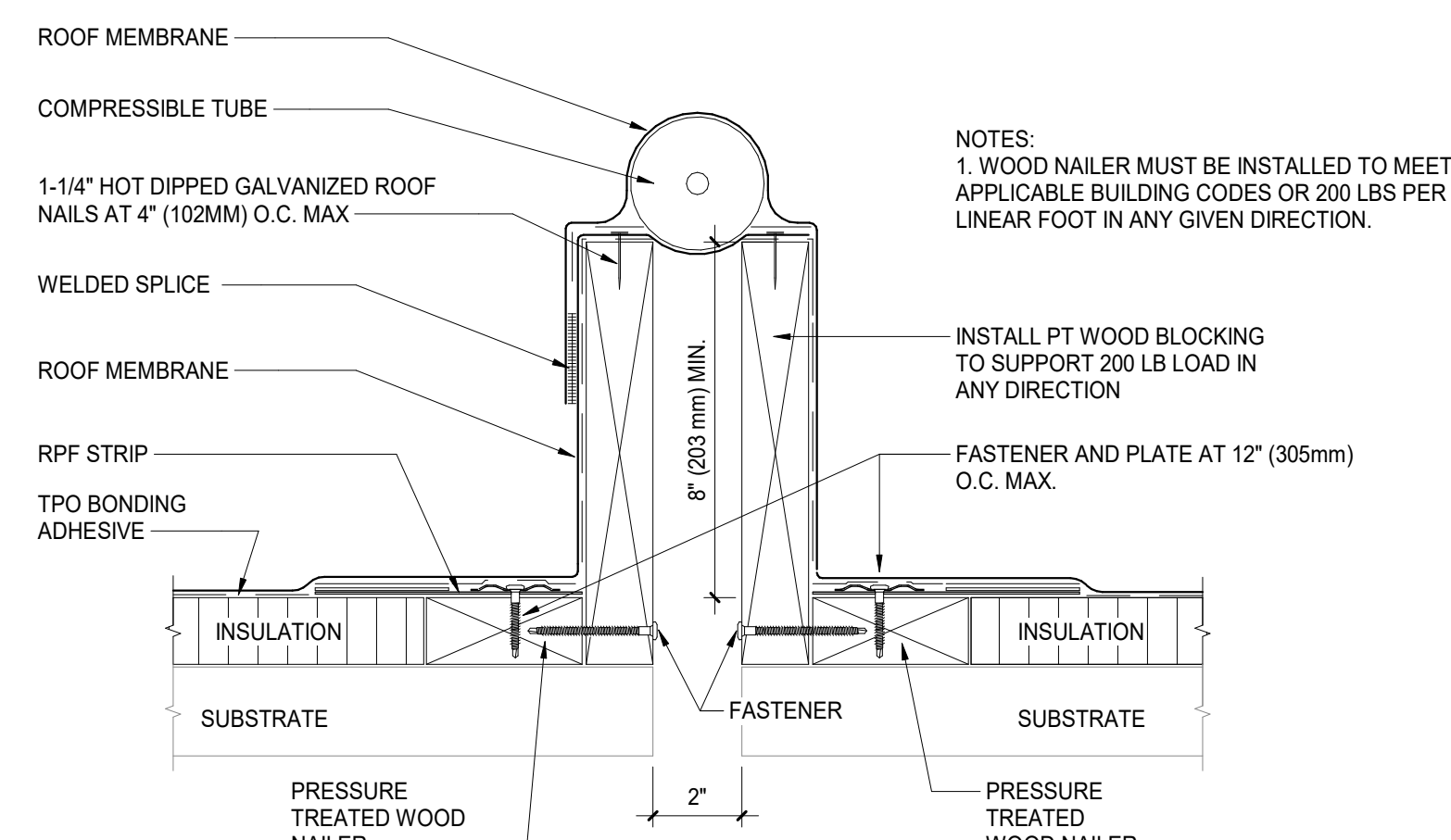


B

- C**

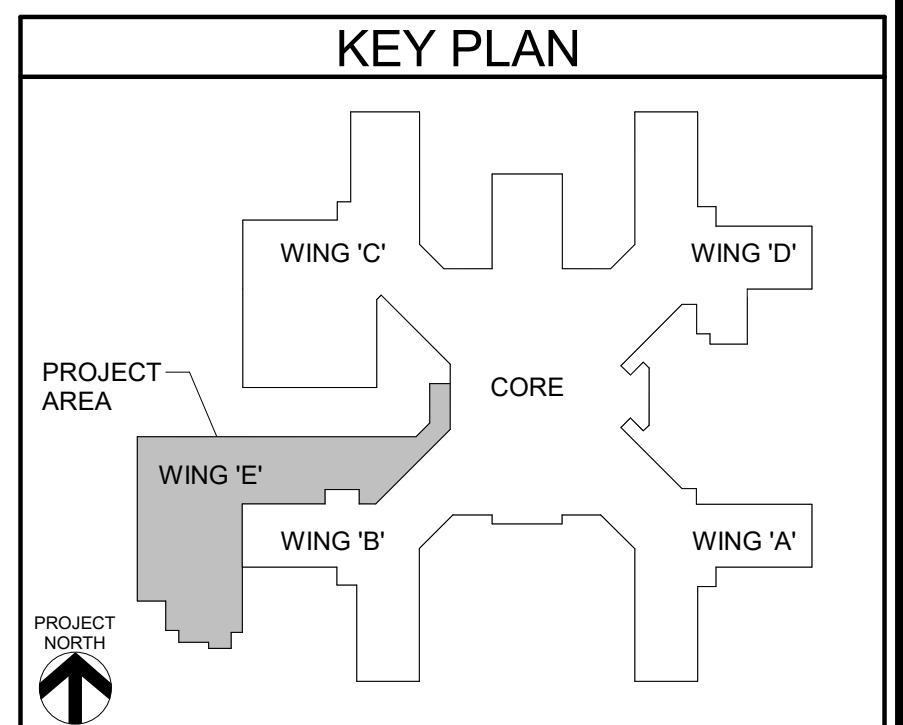
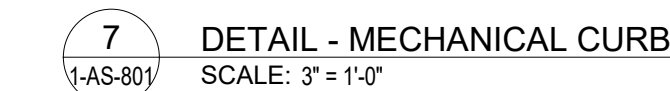


F

**F**

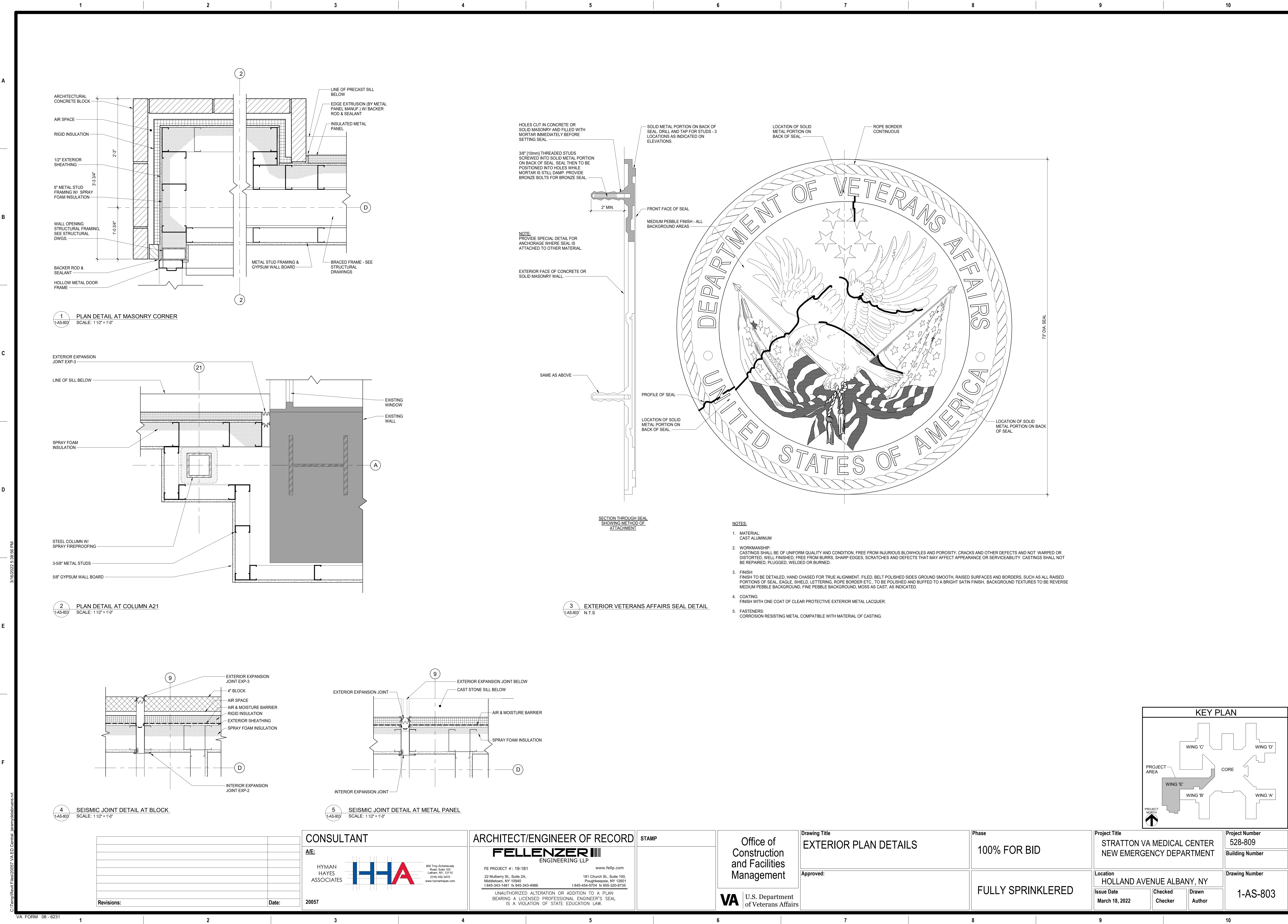
3  
1-AS-801

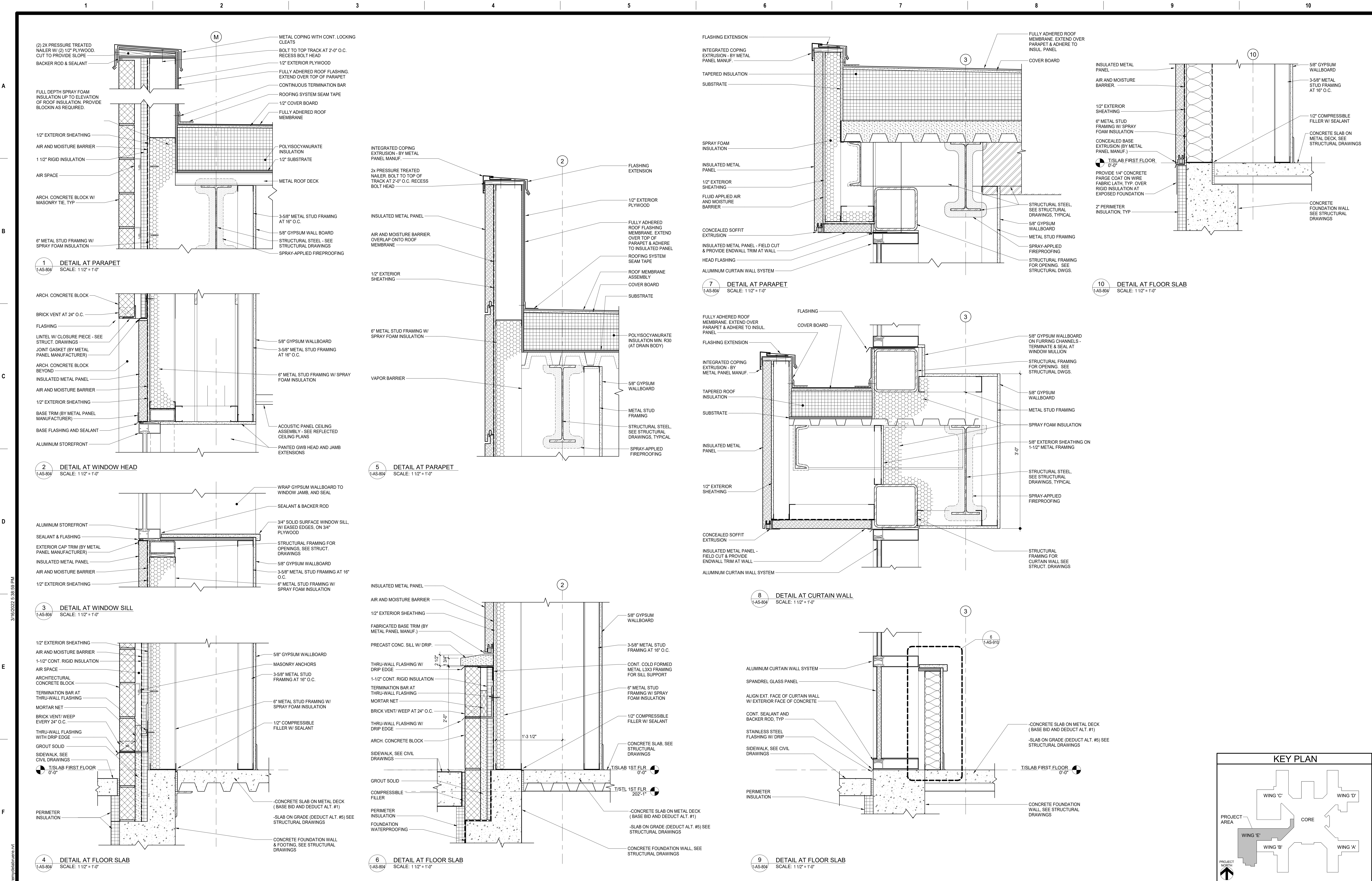
DETAIL - ROOF CONDUIT/PIPE PENETRATION  
SCALE: 3" = 1'-0"



Project Number	528-809
Building Number	
Drawing Number	1-AS-801







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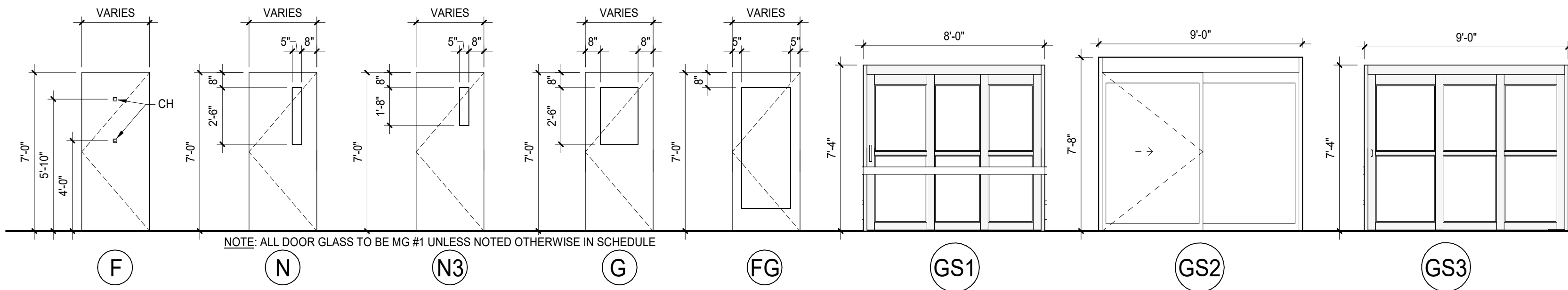
Project Number	528-809
Building Number	
Drawing Number	1-AS-805

VA FORM 08 - 6231

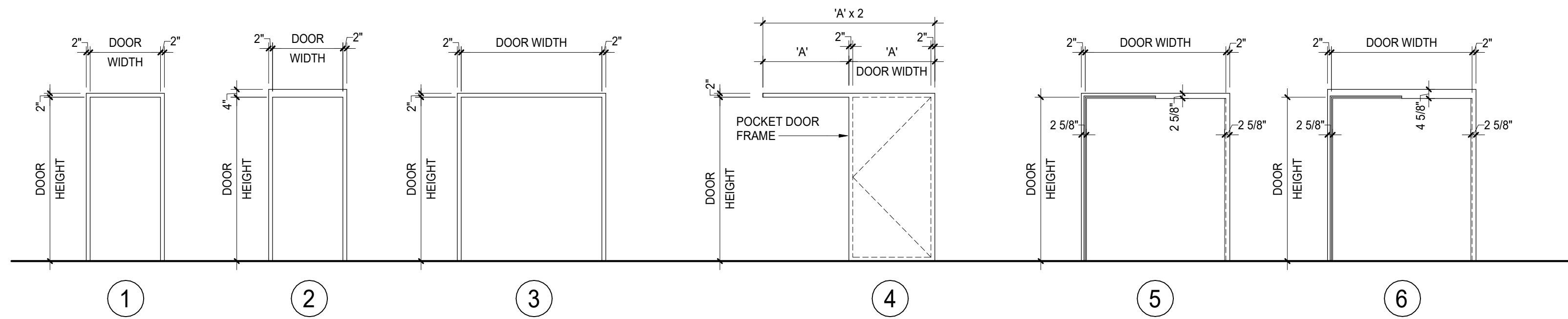
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DOOR AND FRAME SCHEDULE													
	DOOR						FRAME						Label
	WIDTH	HEIGHT	THICK	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH	HEAD	JAMB	SILL
E001	3'-6"	7'-0"	1 3/4"	N3	SCWD	STAIN	CER	1	HM	P			45
E001A	4'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	2	HM	P	16 SIM	10 SIM	45
E001B	3'-6"	7'-0"	1 3/4"	F	HM	P	-	2	HM	P			15
E002	3'-0"	7'-0"	1 3/4"	N3	SCWD	STAIN	CER		HM	P			90
E002A	3'-4"	7'-0"	0"	N/A	-	-	-	2	HM	P	15	15	00B
E003	3'-0"	6'-2"	1 3/4"	F	HM	P	-	1	HM	P	4	4	01K
E004	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P			01
E005	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P			01C
E006	3'-6"	8'-0"	1 3/4"	F	HM	P	-	1	HM	P			01K
E044	3'-6"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P			06C
E070	3'-0"	3'-0"	1 3/4"	F	HM	P	-	1	HM	P	4	4	01A
E0071	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	3	HM	P			15
E100	8'-8 1/2"	7'-0"	1 3/4"	GS2	ALUM	FF	INSUL - IL #1	-	ALUM	FF	7	8	13
E100A	8'-8 1/2"	7'-0"	1 3/4"	GS2	ALUM	FF	TEMP	-	ALUM	FF	7	8	-
E101	3'-6"	7'-0"	1 3/4"	N	SCWD	STAIN	SG#2	1	HM	P	4	4	01
E101A	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	4	HM	P	11	12	-
E102A	3'-10"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP - SG #1	1	HM	P	4	4	S
E103A	3'-8"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	04A
E104A	3'-8"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	17	04A
E104B	3'-8"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E105	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E106	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E107	8'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	3	HM	P	5	6	S
E107A	8'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E107B	8'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	5	17	S
E108	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E109	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E110	3'-6"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	17	S
E111	8'-8 1/2"	7'-0"	1 3/4"	GS2	ALUM	FF	TEMP	-	ALUM	FF	7	8	-
E111B	8'-8 1/2"	7'-0"	1 3/4"	GS2	ALUM	FF	INSUL - IL #1	-	ALUM	FF	7	8	13
E112	8'-0"	7'-4"	1 3/4"	GS3	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E113	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E113A	3'-6"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	17	04A
E113B	3'-6"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	07
E114A	3'-8"	7'-0"	1 3/4"	F	INSUL	P	-	2	HM	P	16	10	01E
E114B	3'-6"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	01F
E114C	7'-0"	3'-6"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	06
E115A	3'-6"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	S
E115B	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	-
E116	8'-0"	7'-4"	1 3/4"	GS3	ALUM	FF	TEMP	-	HM	P	7	9	-
E116A	3'-8"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	5	17	-
E117	8'-0"	7'-4"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	5	17	-
E118	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E119	4'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	S
E120	4'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	SG-1	1	HM	P	14	14	S
E121	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E122	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E123	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E124	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E125	8'-0"	7'-4"	1 3/4"	GS1	ALUM	FF	TEMP	-	ALUM	FF	7	9	S
E131	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	-	1	HM	P	4	4	45
E134	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	01B
E135A	7'-0"	7'-0"	1 3/4"	N3.N3	SCWD	STAIN	CER	5	HM	P	5	6	90
E135B	7'-0"	7'-0"	1 3/4"	N3.N3	SCWD	STAIN	CER	5	HM	P	5	6	90
E136	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E137	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	45
E140	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	S
E141	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E142	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	S
E143	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E144	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E145	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E145A	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E146A	6'-0"	7'-0"	1 3/4"	N.N	INSUL	P	INSUL - IL #1	3	HM	P	16	10	-
E146B	3'-8"	7'-0"	1 3/4"	N3	SCWD	STAIN	CER	1	HM	P	4	4	90
E147	4'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	TEMP	1	HM	P	4	4	01
E147B	3'-8"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	5	17	-
E147C	6'-0"	7'-0"	1 3/4"	F.F	SCWD	STAIN	-	3	HM	P	4	4	S
E148	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E149	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E150	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E151	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	LEAD LINED	1	HM	P	4	4	S
E152	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	S
E153	3'-0"	7'-0"	1 3/4"	F.F	SCWD	STAIN	-	3	HM	P	4	4	S
E153A	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	LEAD LINED	1	HM	P	4	4	S
E154	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E154A	3'-0"	7'-0"	1 3/4"	F	SCWD	STAIN	-	1	HM	P	4	4	S
E156	4'-0"	7'-0"	1 3/4"	FG	ALUM	FF	INSUL - IL #1	-	ALUM	FF			03A
E157	8'-8 1/2"	7'-0"	1 3/4"	GS2	SCWD	STAIN	CER	3	HM	P	5	6	45
E158	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	45
E159	3'-0"	7'-0"	1 3/4"	N	SCWD	STAIN	TEMP	1	HM	P	4	4	45
E173	3'-10"	7'-0"	0"	F	-	-	-	1	HM	P	15	15	00B
E201	4'-0"	6'-2"	1 3/4"	FG	ALUM	FF	INSUL	1	ALUM	FF	16 SIM	10 SIM	SEE SPEC

NOTE: "CH" DENOTES DUAL COAT HOOK. REFERENCE DOOR HARDWARE SPECIFICATION FOR INFORMATION



2 DOOR TYPES  
SCALE: 1/4" = 1'-0"



3 FRAME TYPES  
SCALE: 1/4" = 1'-0"

CONSULTANT

A/E:

HYMAN  
HAYES  
ASSOCIATES



800 Troy Schenck  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
www.hymanhayes.com

20057

ARCHITECT/ENGINEER OF RECORD

FELLENZER  
ENGINEERING LLP

FE PROJECT #: 19-181

22 Mulberry St., Suite 2A,  
Madison, NY 13045  
(845) 343-1481 fx 845-343-4986

181 Church St., Suite 100,  
Poughkeepsie, NY 12601  
(845) 454-9704 fx 855-320-8735

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN  
BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL  
IS A VIOLATION OF STATE EDUCATION LAW.

STAMP

Office of  
Construction  
and Facilities  
Management



U.S. Department  
of Veterans Affairs

Drawing Title

DOOR SCHEDULE AND DETAILS

Approved:

Phase

100% FOR BID

FULLY SPRINKLERED

Project Title

STRATTON VA MEDICAL CENTER  
NEW EMERGENCY DEPARTMENT

Location

HOLLAND AVENUE ALBANY, NY

Issue Date

March 18, 2022

Checked

Checker

Drawn

JL

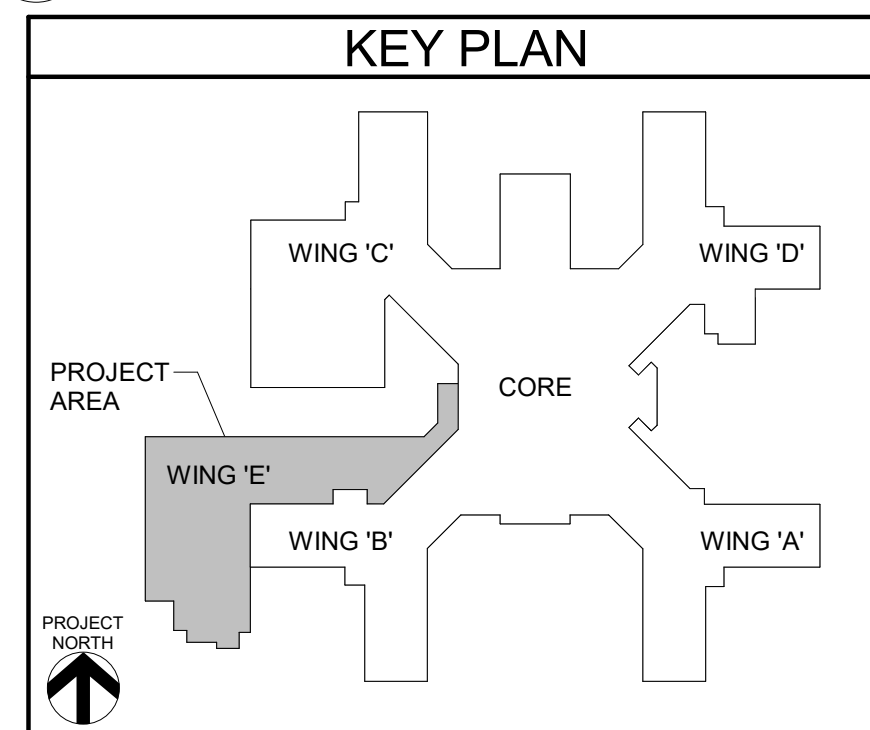
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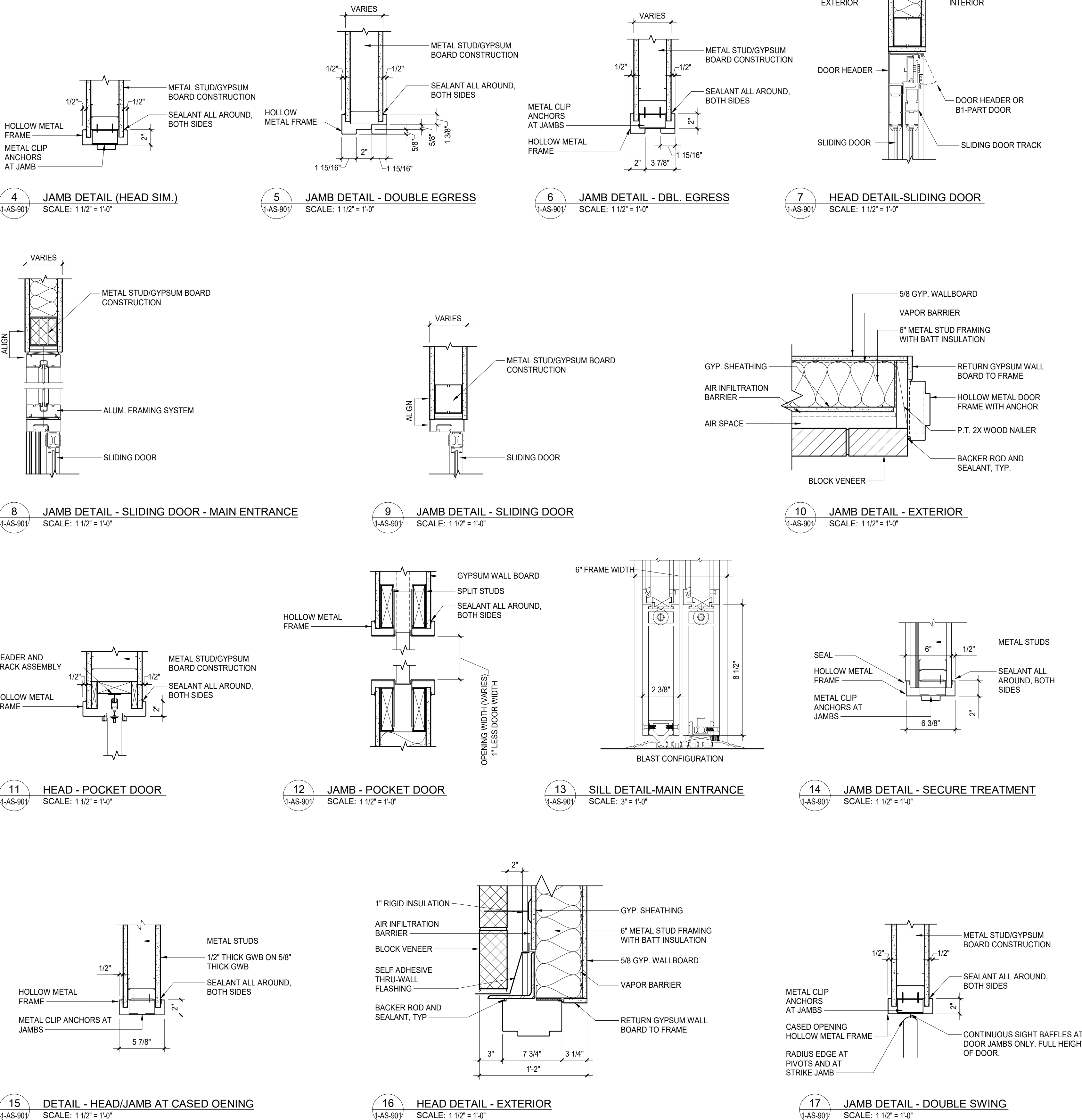


LEGEND:

ALUM: ALUMINUM  
ANOD: ANODIZED  
CER: CERAMIC GLAZING (FIRE GLASS)  
CLR: CLEAR  
FF: FACTORY FINISH  
GL: GLASS  
HM: HOLLOW METAL  
INSUL: INSULATED  
P: PAINT SYSTEM  
SCWD: SOLID CORE WOOD  
STAIN: STAIN  
TEMP: TEMPERED GLASS

DOOR NOTES:

- ALL HOLLOW METAL FRAMES TO BE PAINTED
- ALL DOORS IN A FIRE-RATED BARRIERS ARE TO BE FIRE-RATED AS REQUIRED BY NFPA CODE. PROVIDE CLOSER AND LATCHSET/LOCKSET.
- LOCATE HINGE SIDE OF DOOR FRAMES 4" FROM PERPENDICULAR WALL UNLESS OTHERWISE NOTED.
- DOOR & FRAME WILL BE REJECTED IF DOOR AND FRAME TOLERANCES OUTLINED IN THE SPECIFICATIONS ARE NOT MET.





**C**



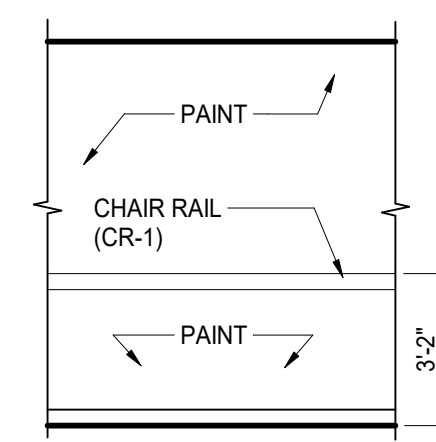
9 EXTERIOR ELEVATION - SOUTH WINDOW G  
SCALE: 1/8" = 1'-0"

**F**

13 EXTERIOR ELEVATION - EAST WINDOW L  
1-AS-902 SCALE: 1/4" = 1'-0"

Project Number 528-809
Building Number
Drawing Number 1-AS-902



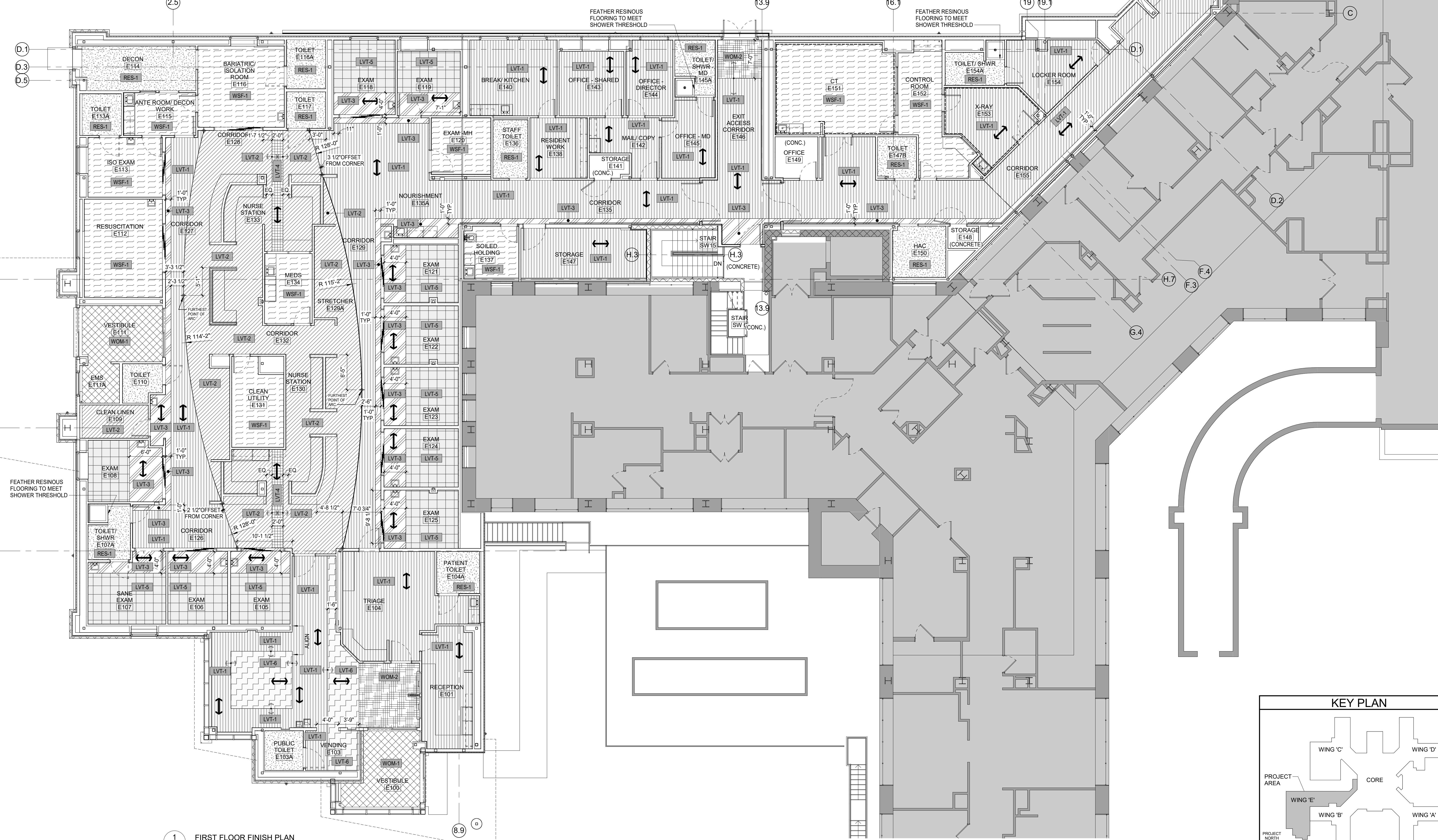


**CR**  
CHAIR RAIL

1-AS-904

FLOOR HATCH LEGEND			
	LVT-1		WSF-1
	LVT-2		WOM-1
	LVT-3		WOM-2
	LVT-4		RES-1
	LVT-5		CONC
	LVT-6		

FLOOR FINISH SELECTIONS SCHEDULE				
LOCATION	CODE	DESCRIPTION	MANUFACTURER/PATTERN	SERIAL NUMBER/COLOR
FLOOR				
	LVT-1	LUXURY VINYL TILE	ARMSTRONG FLOORING - BIOME	COLOR #S1251 MONTANE NATTERHORN (6 IN. X 48 IN.)
	LVT-2	LUXURY VINYL TILE	ARMSTRONG FLOORING - COALESCE	COLOR #S1799 NONA CASHMERE (18 IN. X 18 IN.)
	LVT-3	LUXURY VINYL TILE	ARMSTRONG FLOORING - COALESCE	COLOR #S1784 DECIMA VALERIE (6 IN. X 36 IN.)
	LVT-4	LUXURY VINYL TILE	ARMSTRONG FLOORING - COALESCE	COLOR #S1856 DECIMA CASHMERE (6 IN. X 36 IN.)
	LVT-5	LUXURY VINYL TILE	ARMSTRONG FLOORING - COALESCE	COLOR #S1797 NONA VALERIE (18 IN. X 18 IN.)
	LVT-6	LUXURY VINYL TILE	ARMSTRONG FLOORING - COALESCE	COLOR #S1781 OXIDIZE TIN (18 IN. X 36 IN.)
	WSF-1	WELDED SEAM SHEET FLOORING	BIOSEPC CHOICES/MANNINGTON	BIOSEPC MD - LINEN (15420)
	RES-1	RESINOUS FLOORING	STONHARD/STONBLEND GSI-G	WOLF GRAY
	RES-2	RESINOUS WALL BASE	STONHARD/STONBLEND GSI BASE	WOLF GRAY
	WB-1	WALL BASE	ROPPE / 6" HIGH VINYL	#171 "SANDSTONE"
	WOM-1	WALK OFF MAT	CONSTRUCTION SPECIALTIES / PEDITRED - G3	COLOR: 9332 ANTHRACITE
	WOM-2	WALK OFF MAT	J&J FLOORING / INCOGNITO WALK-OFF MODULAR	#1837 OPERATIVE
OTHER				
	QT-1	QUARTZ COUNTERTOP	WILSONART QUARTZ	LORRAINE Q1012
	SSM-1	SOLID SURFACE COUNTERTOP	CORIAN SOLID SURFACE	ELEGANT GRAY
	PL-1	PLASTIC LAMINATE	PIONITE SURFACE SYSTEMS	MOCHA ALMOND FUDGE WX800-N SUEDE
	PL-2	PLASTIC LAMINATE COUNTERTOP	WILSONART STANDARD LAMINATE	NATURAL COTTON 4946-38



1 FIRST FLOOR FINISH PLAN  
SCALE: 1/8" = 1'-0"

Revisions:	Date:
	20057

**CONSULTANT**  
A/E:  
HYMAN HAYES ASSOCIATES  
800 Troy Schenck  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
www.hymanhayes.com

**ARCHITECT/ENGINEER OF RECORD**  
**FELLENZER III**  
ENGINEERING LLP  
FE PROJECT #: 19-181  
22 Mulberry St., Suite 2A,  
Middleton, NY 13843  
1 845-343-1481 fx 845-343-4986  
181 Church St., Suite 100,  
Poughkeepsie, NY 12601  
1 845-343-9704 fx 855-320-8735  
UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN  
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STAMP

Office of  
Construction  
and Facilities  
Management  
**VA** U.S. Department  
of Veterans Affairs

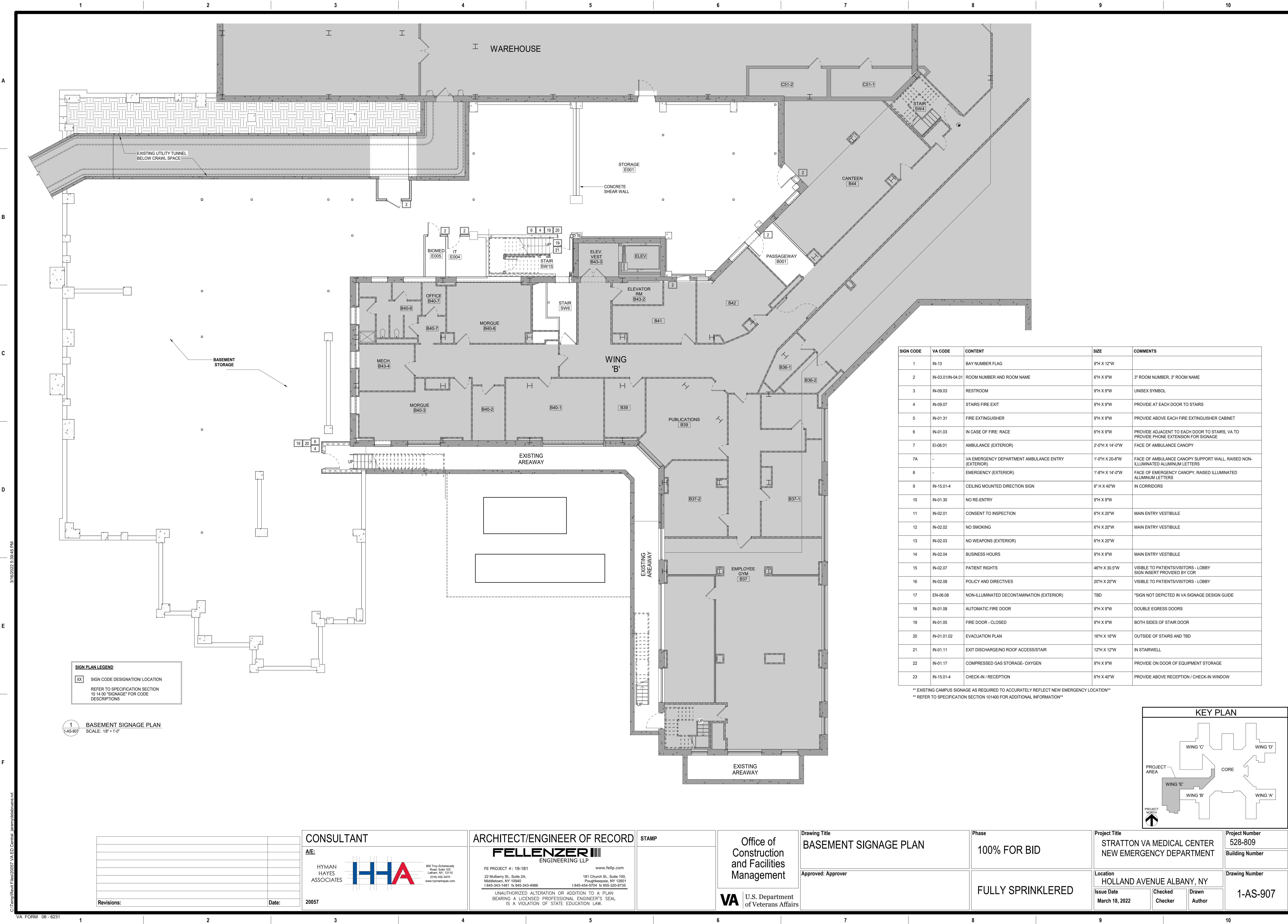
Drawing Title  
**FIRST FLOOR FINISH PLAN**  
Approved:

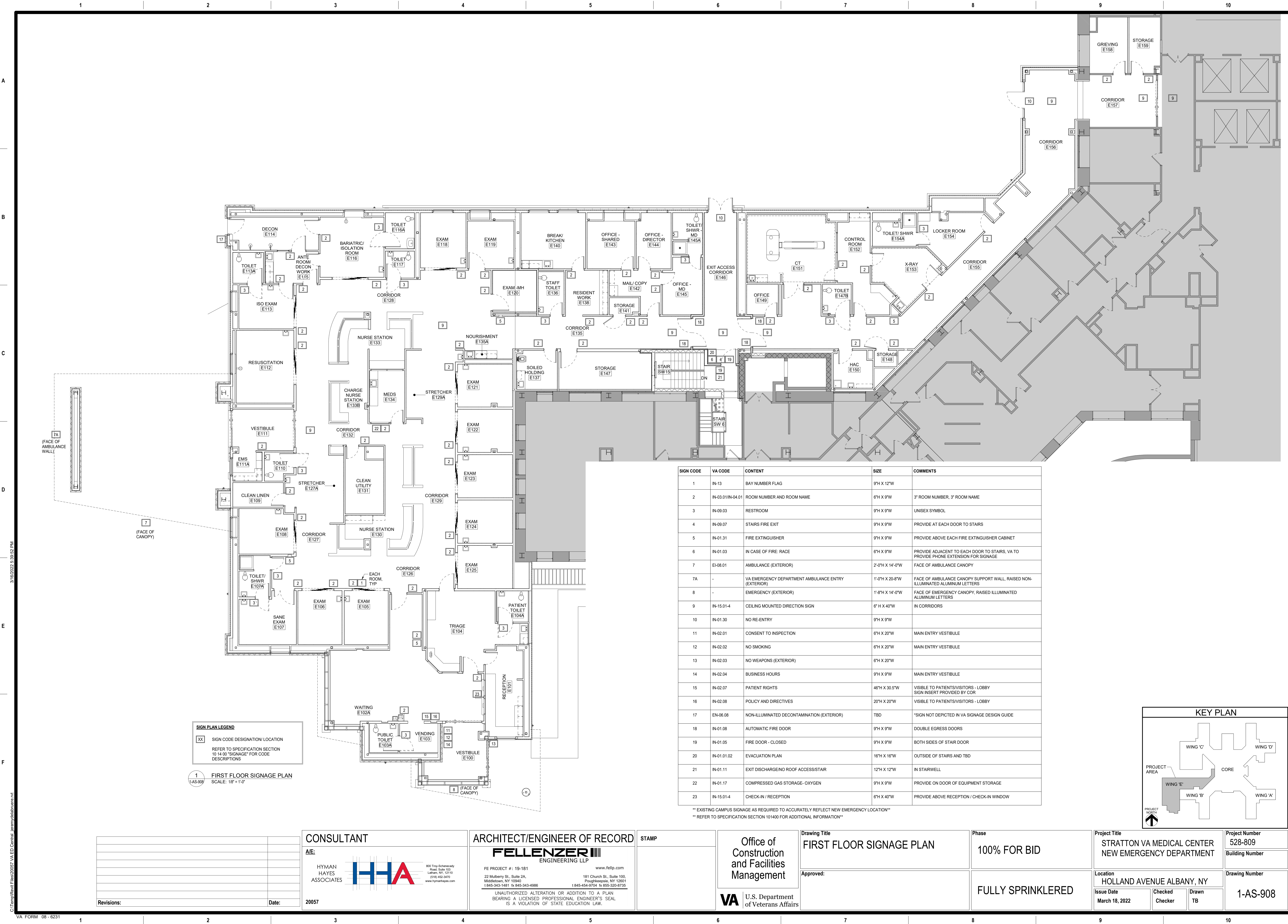
Phase  
**100% FOR BID**  
**FULLY SPRINKLERED**

Project Title  
**STRATTON VA MEDICAL CENTER  
NEW EMERGENCY DEPARTMENT**  
Location  
**HOLLAND AVENUE ALBANY, NY**  
Issue Date  
**March 18, 2022**  
Checked  
**Checker**  
Drawn  
**Author**

Project Number  
**528-809**  
Building Number  
**1-AS-905**

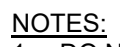
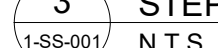








- A**

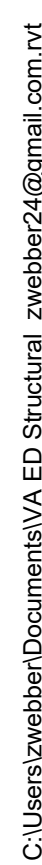


2. REFER TO THE SPECIFICATION FOR CONNECTION DESIGN CRITERIA WHERE LOADS AND MOMENTS ARE NOT SHOWN.
3. LOADS AND MOMENTS ARE LRFD (LOAD AND RESISTANCE FACTOR DESIGN).

#### 4 STEEL BEAM LEGEND

1-SS-001 SCALE: 12" = 1'-0"



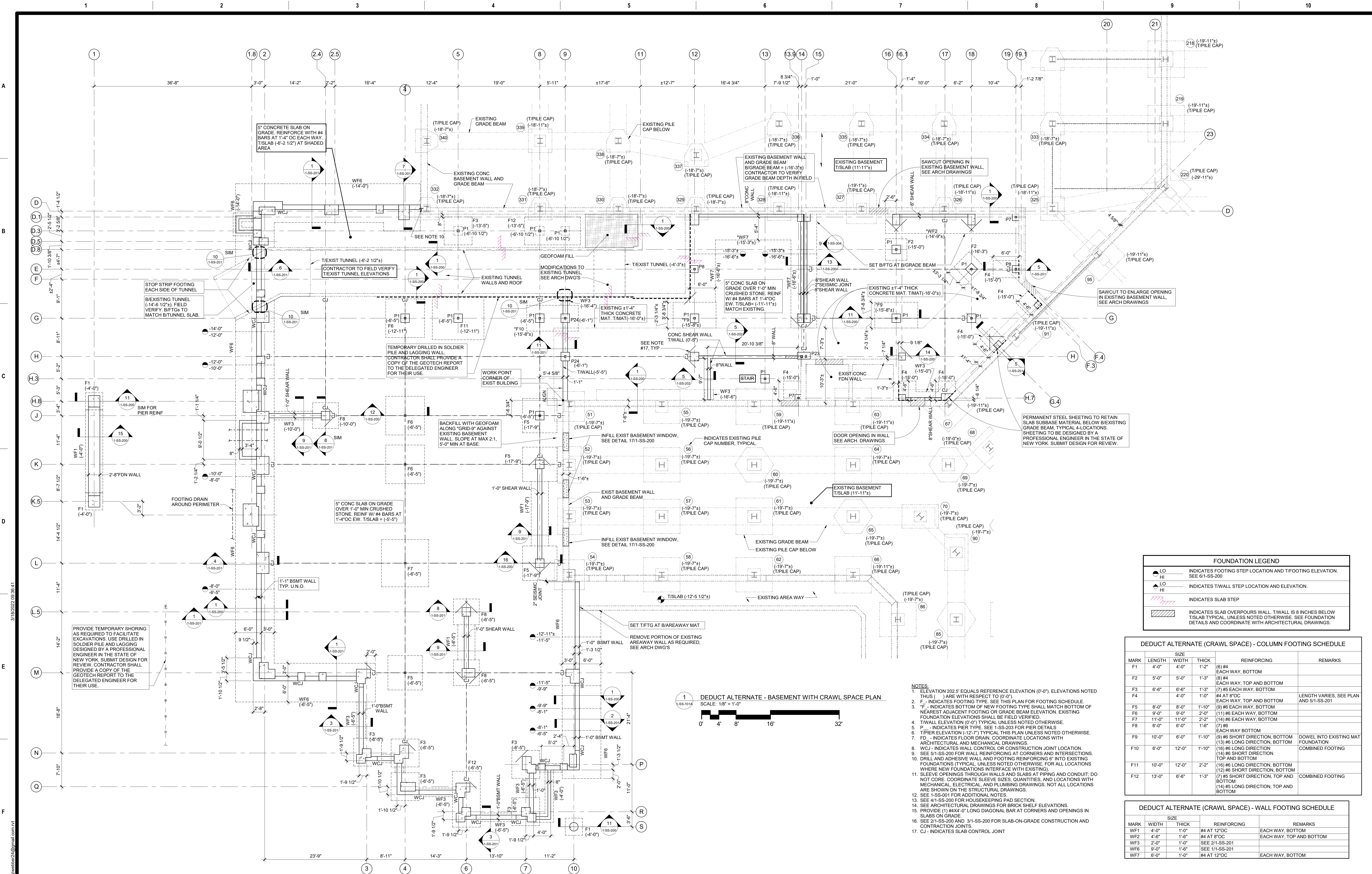


BASE BID - WALL FOOTING SCHEDULE				
MARK	SIZE		REINFORCING	REMARKS
	WIDTH	THICK		
WF1	4'-0"	1'-0"	#4 AT 12"OC	EACH WAY, BOTTOM
WF2	1'-6"	1'-6"	#4 AT 8"OC	EACH WAY, TOP AND BOTTOM
WF3	2'-0"	1'-0"	SEE 2/1-SS-201	
WF6	9'-0"	1'-6"	SEE 1/1-SS-201	
WF7	5'-0"	1'-0"	#4 AT 12"OC	EACH WAY, BOTTOM

**NOTES:**

1. ELEVATION 202.5' EQUALS REFERENCE ELEVATION (0'-0"). ELEVATIONS NOTED IN THUS ) ARE WITH RESPECT TO 0'-0".
2. "F-" INDICATES FOOTING TYPE. SEE THIS PLAN FOR FOOTING SCHEDULE.
3. "F-" INDICATES BOTTOM OF NEW FOOTING TYPE SHALL MATCH BOTTOM OF EXISTING FOOTING TYPE. SEE THIS PLAN FOR FOOTING DETAIL. EXISTING FOUNDATION ELEVATIONS SHALL BE FIELD VERIFIED.
4. T.WALL ELEVATION (0'-0") TYPICAL. SHALL BE FIELD NOTED OTHERWISE.
5. "F" INDICATES FLOOR FINISH. SEE THIS PLAN FOR FLOOR DETAIL.
6. TYPICAL ELEVATION (-1.2'-7") TYPICAL. THIS PLAN UNLESS NOTED OTHERWISE.
7. FD - INDICATES FLOOR DRAIN. COORDINATE LOCATIONS WITH ARCHITECTURAL DRAWINGS.
8. W.CJ - INDICATES WALL CONTROL OR CONSTRUCTION JOINT LOCATION.
9. SEE 51-S-500 FOR WALL REINFORCING AT CORNERS AND INTERSECTIONS.
10. SEE 51-S-500 AND 51-S-500 FOR ADJACENT WALLS AND INTERSECTIONS.
11. FOUNDATIONS (TYPICAL) UNLESS NOTED OTHERWISE. FOR ALL LOCATIONS WHERE NEW FOUNDATIONS INTERFACE WITH EXISTING.
12. SEE 51-S-500 FOR HOUSEKEEPING BRACK SETTING AND CONDUIT; DO NOT CORE. COORDINATE SLEEVE SIZES, QUANTITIES, AND LOCATIONS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. NOT ALL LOCATIONS ARE SHOWN ON THE STRUCTURAL DRAWINGS.
13. SEE 51-S-500 FOR HOUSEKEEPING BRACK SETTING AND CONDUIT.
14. SEE 417-S-200 FOR HOUSEKEEPING PAD SECTION.
15. SEE ARCHITECTURAL DRAWINGS FOR BRACK SET ELEVATIONS.
16. PROVIDE 18" (1'-0") LONG LONGINAL BRACK AT CORNERS AND OPENINGS IN SLABS ON GRADE.
17. SEE 21-S-200 AND 31-S-500 FOR SLAB-ON-GRADE CONSTRUCTION AND CONSTRUCTION JOINTS.
18. C.J. - INDICATES SLAB CONTROL JOINT.

Project Title <b>BUILD NEW EMERGENCY DEPARTMENT</b>			Project Number <b>528-809</b>
			Building Number
Location <b>HOLLAND AVENUE, ALBANY, NY</b>			Drawing Number <b>1-SS-100</b>
Issue Date <b>March 18, 2022</b>	Checked <b>JP</b>	Drawn <b>ZW</b>	



FOUNDATION LEGEND	
	INDICATES FOOTING STEP LOCATION AND T/FOOTING ELEVATION. SEE 6/1-SS-200
	INDICATES T/WALL STEP LOCATION AND ELEVATION.
	INDICATES SLAB STEP
	INDICATES SLAB OVERPOURS. WALL, T/WALL IS 8 INCHES BELOW T/SLAB TYPICAL, UNLESS NOTED OTHERWISE. SEE FOUNDATION DETAILS AND COORDINATE WITH ARCHITECTURAL DRAWINGS.

DEDUCT ALTERNATE (CRAWL SPACE) - COLUMN FOOTING SCHEDULE						
MARK	LENGTH	WIDTH	THICK	REINFORCING	REMARKS	
F1	4'-0"	4'-0"	1'-2"	(6) #4 EACH WAY, BOTTOM		
F2	5'-0"	5'-0"	1'-3"	(8) #4 EACH WAY, TOP AND BOTTOM		
F3	6'-5"	6'-5"	1'-3"	(7) #5 EACH WAY, BOTTOM		
F4	4'-0"	4'-0"	1'-0"	#4 AT FOC EACH WAY, TOP AND BOTTOM	LENGTH VARIES. SEE PLAN AND 5/1-SS-201	
F5	8'-0"	8'-0"	1'-10"	(9) #5 EACH WAY, BOTTOM		
F6	9'-0"	9'-0"	2'-0"	(11) #6 EACH WAY, BOTTOM		
F7	11'-0"	11'-0"	2'-2"	(14) #6 EACH WAY, BOTTOM		
F8	6'-0"	6'-0"	1'-6"	(7) #6 EACH WAY BOTTOM		
F9	10'-0"	6'-0"	1'-10"	(9) #5 SHORT DIRECTION, BOTTOM	DOWEL INTO EXISTING MAT FOUNDATION	
F10	6'-0"	12'-0"	1'-10"	(16) #5 LONG DIRECTION	COMBINED FOOTING	
F11	10'-0"	12'-0"	2'-2"	(16) #5 LONG DIRECTION, BOTTOM	(12) #5 SHORT DIRECTION, TOP AND BOTTOM	
F12	13'-0"	6'-5"	1'-3"	(7) #5 SHORT DIRECTION, TOP AND BOTTOM	COMBINED FOOTING	

DEDUCT ALTERNATE (CRAWL SPACE) - WALL FOOTING SCHEDULE				
MARK	WIDTH	THICK	REINFORCING	REMARKS
WF1	4'-0"	1'-0"	#4 AT 12"OC	EACH WAY, BOTTOM
WF2	4'-6"	1'-6"	#4 AT FOC	EACH WAY, TOP AND BOTTOM
WF3	2'-0"	1'-0"	SEE 2/1-SS-201	
WF6	9'-0"	1'-6"	SEE 1/1-SS-201	
WF7	6'-0"	1'-0"	#4 AT 12"OC	EACH WAY, BOTTOM

- NOTES:
- ELEVATION 202.5' EQUALS REFERENCE ELEVATION (0'-0"). ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0'-0").
  - F - INDICATES FOOTING TYPE. SEE THIS PLAN FOR FOOTING SCHEDULE.
  - F - INDICATES BOTTOM OF NEW FOOTING TYPE SHALL MATCH BOTTOM OF NEAREST ADJACENT FOOTING OR GRADE BEAM ELEVATION. EXISTING FOUNDATION ELEVATIONS SHALL BE FIELD VERIFIED.
  - T/WALL ELEVATION (0'-0") TYPICAL UNLESS NOTED OTHERWISE.
  - P - INDICATES PIER TYPE. SEE 1-SS-203 FOR PIER DETAILS.
  - T/PIER ELEVATION (12'-7") TYPICAL. THIS PLAN UNLESS NOTED OTHERWISE.
  - FD - INDICATES FLOOR DRAIN. COORDINATE LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
  - WCJ - INDICATES WALL CONTROL OR CONSTRUCTION JOINT LOCATION.
  - SEE 5/1-SS-200 FOR WALL REINFORCING AT CORNERS AND INTERSECTIONS.
  - DRILL AND ADHESIVE WALL AND FOOTING REINFORCING G INTO EXISTING FOUNDATIONS (TYPICAL, UNLESS NOTED OTHERWISE, FOR ALL LOCATIONS WHERE NEW FOUNDATIONS INTERFACE WITH EXISTING).
  - SLEEVE OPENINGS THROUGH WALLS AND SLABS AT PIPING AND CONDUIT. DO NOT CORE. COORDINATE SLEEVE SIZES, QUANTITIES, AND LOCATIONS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. NOT ALL LOCATIONS ARE SHOWN ON THE STRUCTURAL DRAWINGS.
  - SEE 1-SS-201 FOR ADDITIONAL NOTES.
  - SEE 4/1-SS-200 FOR HOUSEKEEPING PAD SECTION.
  - SEE ARCHITECTURAL DRAWINGS FOR BRICK SHELF ELEVATIONS.
  - PROVIDE (1) 84X5'-0" LONG DIAGONAL BARS AT CORNERS AND OPENINGS IN SLABS ON GRADE.
  - SEE 2/1-SS-200 AND 3/1-SS-200 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
  - CJ - INDICATES SLAB CONTROL JOINT.



Revisions:	Date:

CONSULTANT

A/E:

HYMAN HAYES ASSOCIATES

800 Troy Schenckedy  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
1-845-343-1481 or 845-343-8735  
www.hymanhayes.com

20057

ARCHITECT/ENGINEER OF RECORD

STAMP

FELLENZER ENGINEERING LLP

FE PROJECT #: 19-181

22 Mulberry St., Suite 2A,  
Middlebury, NY 05750  
1-845-343-1481 or 845-343-4986

181 Church St., Suite 100,  
Poughkeepsie, NY 12601  
1-845-454-9704 or 855-320-8735

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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

BASEMENT FOUNDATION PLAN - DEDUCT ALTERNATE 1 (CRAWL SPACE)

Approved:

Phase

100% FOR BID

FULLY SPRINKLERED

Project Title

BUILD NEW EMERGENCY DEPARTMENT

Location

HOLLAND AVENUE, ALBANY, NY

Issue Date

March 18, 2022

Checked

JP

Drawn

ZW

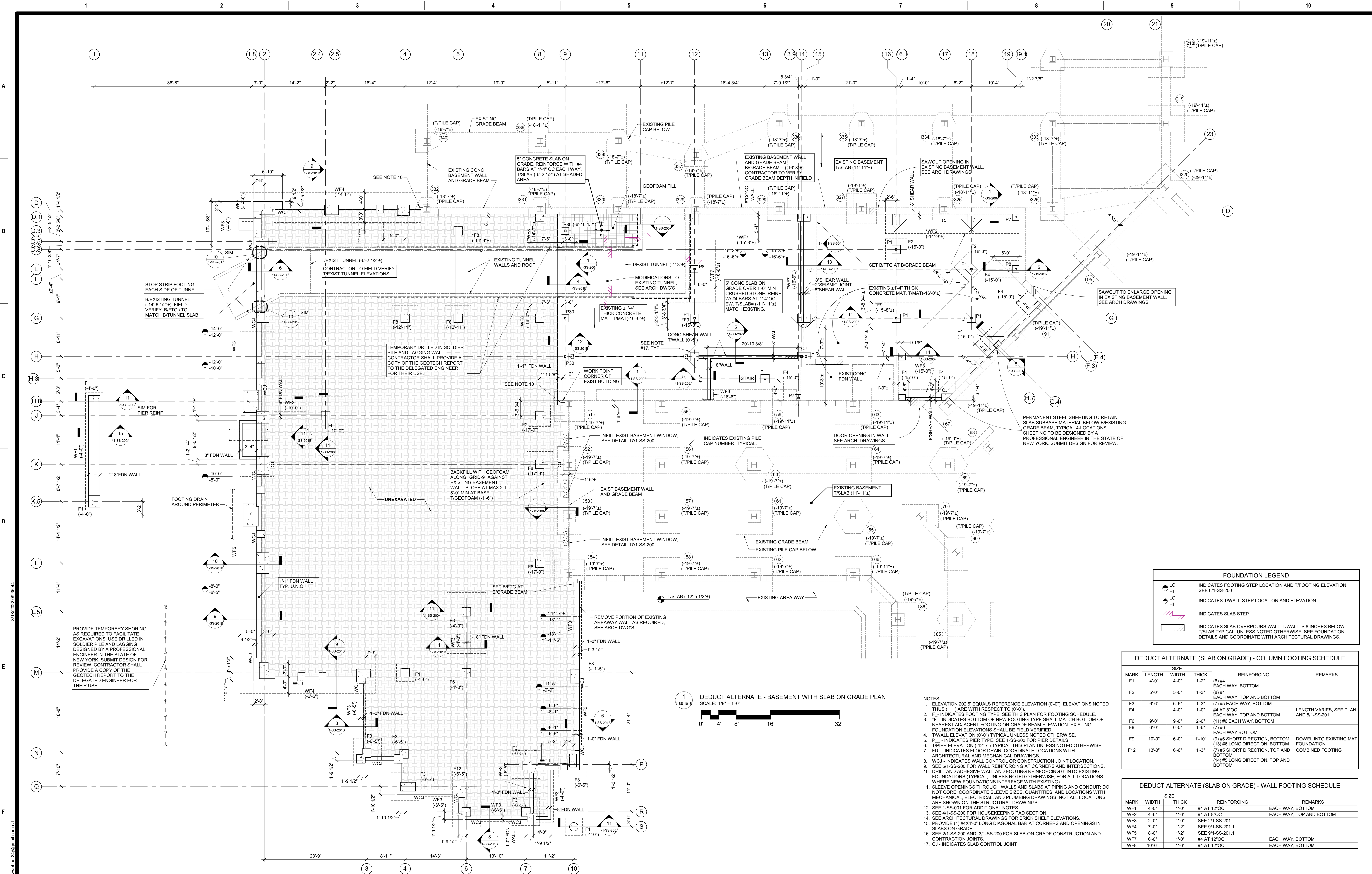
Project Number

528-809

Building Number

Drawing Number

1-SS-101A



FOUNDATION LEGEND	
	INDICATES FOOTING STEP LOCATION AND T/FOOTING ELEVATION. SEE 6/1-SS-200
	INDICATES T/WALL STEP LOCATION AND ELEVATION.
	INDICATES SLAB STEP
	INDICATES SLAB OVERPOURS WALL. T/WALL IS 8 INCHES BELOW T/SLAB TYPICAL, UNLESS NOTED OTHERWISE. SEE FOUNDATION DETAILS AND COORDINATE WITH ARCHITECTURAL DRAWINGS.

DEDUCT ALTERNATE (SLAB ON GRADE) - COLUMN FOOTING SCHEDULE					
MARK	LENGTH	SIZE	THICK	REINFORCING	REMARKS
F1	4'-0"	4'-0"	1'-2"	(6) #4	EACH WAY, BOTTOM
F2	5'-0"	5'-0"	1'-3"	(8) #4	EACH WAY, TOP AND BOTTOM
F3	6'-6"	6'-6"	1'-3"	(7) #5 EACH WAY, BOTTOM	LENGTH VARIES, SEE PLAN AND 5/1-SS-201
F4	6'-6"	6'-6"	1'-3"	(4) AT 8"OC	EACH WAY, TOP AND BOTTOM
F6	9'-0"	9'-0"	2'-0"	(11) #6 EACH WAY, BOTTOM	
F8	6'-0"	6'-0"	1'-6"	(7) #6	EACH WAY BOTTOM
F9	10'-0"	6'-0"	1'-10"	(9) #6 SHORT DIRECTION, BOTTOM	DOWEL INTO EXISTING MAT FOUNDATION
F12	13'-0"	6'-6"	1'-3"	(7) #5 LONG DIRECTION, BOTTOM	COMBINED FOOTING

DEDUCT ALTERNATE (SLAB ON GRADE) - WALL FOOTING SCHEDULE				
MARK	SIZE		REINFORCING	REMARKS
	WIDTH	THICK		
WF1	4'-0"	1'-0"	#4 AT 12"OC	EACH WAY, BOTTOM
WF2	4'-6"	1'-6"	#4 AT 8"OC	EACH WAY, TOP AND BOTTOM
WF3	2'-0"	1'-0"	SEE 2/1-SS-201	
WF4	7'-0"	1'-2"	SEE 9/1-SS-201.1	
WF5	8'-0"	1'-2"	SEE 9/1-SS-201.1	
WF7	6'-0"	1'-0"	#4 AT 12"OC	EACH WAY, BOTTOM
WF8	10'-6"	1'-6"	#4 AT 12"OC	EACH WAY, BOTTOM

- NOTES:
- ELEVATION 202.5' EQUALS REFERENCE ELEVATION (0'-0"). ELEVATIONS NOTED THUS ( ) ARE WITH RESPECT TO (0'-0").
  - F - INDICATES FOOTING TYPE. SEE THIS PLAN FOR FOOTING SCHEDULE.
  - F - INDICATES BOTTOM OF NEW FOOTING TYPE SHALL MATCH BOTTOM OF NEAREST ADJACENT FOOTING OR GRADE BEAM ELEVATION. EXISTING FOUNDATION ELEVATIONS SHALL BE FIELD VERIFIED.
  - T/WALL ELEVATION (0'-0") TYPICAL UNLESS NOTED OTHERWISE.
  - P - INDICATES PIER TYPE. SEE 1-SS-203 FOR PIER DETAILS.
  - T/PIER ELEVATION (12'-7") TYPICAL THIS PLAN UNLESS NOTED OTHERWISE.
  - FD - INDICATES FLOOR DRAIN. COORDINATE LOCATIONS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS.
  - WCJ - INDICATES WALL CONTROL OR CONSTRUCTION JOINT LOCATION.
  - SEE 5/1-SS-200 FOR WALL REINFORCING AT CORNERS AND INTERSECTIONS.
  - DRILL AND ADHESIVE WALL AND FOOTING REINFORCING 6" INTO EXISTING FOUNDATIONS (TYPICAL, UNLESS NOTED OTHERWISE, FOR ALL LOCATIONS WHERE NEW FOUNDATIONS INTERFACE WITH EXISTING).
  - SLEEVE OPENINGS THROUGH WALLS AND SLABS AT PIPING AND CONDUIT; DO NOT CORE. COORDINATE SLEEVE SIZES, QUANTITIES, AND LOCATIONS WITH MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS. NOT ALL LOCATIONS ARE SHOWN ON THE STRUCTURAL DRAWINGS.
  - SEE 1-SS-001 FOR ADDITIONAL NOTES.
  - SEE 4/1-SS-200 FOR HOUSEKEEPING PAD SECTION.
  - SEE ARCHITECTURAL DRAWINGS FOR BRICK SHELF ELEVATIONS.
  - PROVIDE (1) #4X4'-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLABS ON GRADE.
  - SEE 2/1-SS-200 AND 3/1-SS-200 FOR SLAB-ON-GRADE CONSTRUCTION AND CONTRACTION JOINTS.
  - CJ - INDICATES SLAB CONTROL JOINT.

Revisions:

Date:

CONSULTANT

A/E:

HYMAN HAYES ASSOCIATES

800 Troy Schencksky  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
1.845-343-1481 fax 855-320-8735  
www.hhyman.com

ARCHITECT/ENGINEER OF RECORD

STAMP

FELLENZER ENGINEERING LLP

FE PROJECT #: 19-181

22 Mulberry St., Suite 2A,  
Madison, NY 12545  
1.845-343-1481 fax 855-320-8735

181 Church St., Suite 100,  
Poughkeepsie, NY 12601  
1.845-343-1481 fax 855-320-8735

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Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title

BASEMENT FOUNDATION PLAN - DEDUCT ALTERNATE 5 (SLAB ON GRADE)

Approved:

Phase

100% FOR BID

FULLY SPRINKLERED

Project Title

BUILD NEW EMERGENCY DEPARTMENT

Location

HOLLAND AVENUE, ALBANY, NY

Issue Date

March 18, 2022

Checked

JP

Drawn

ZW

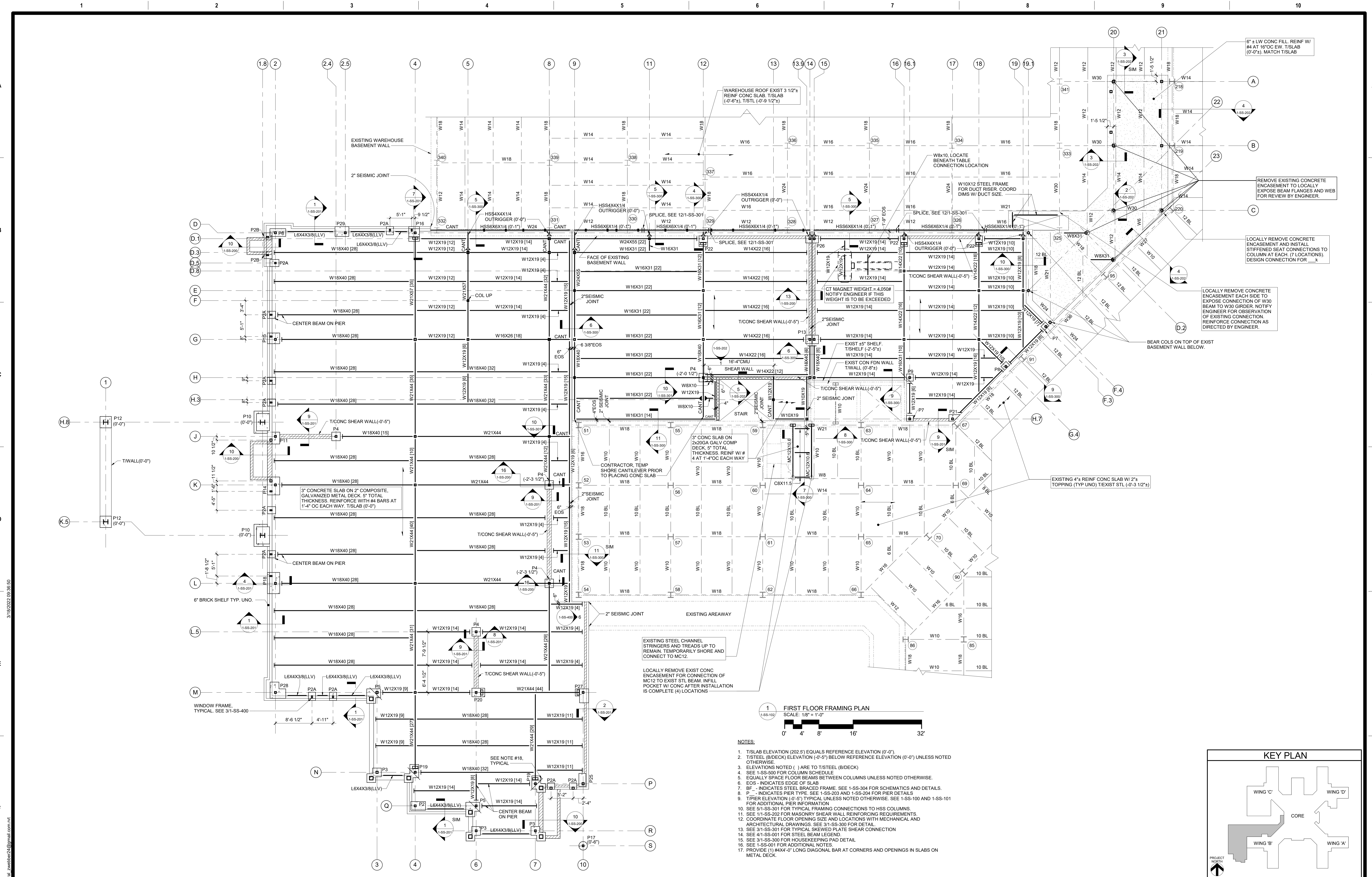
Project Number

528-809

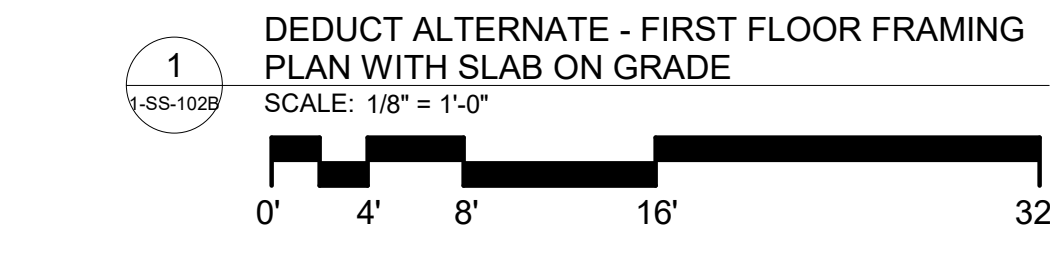
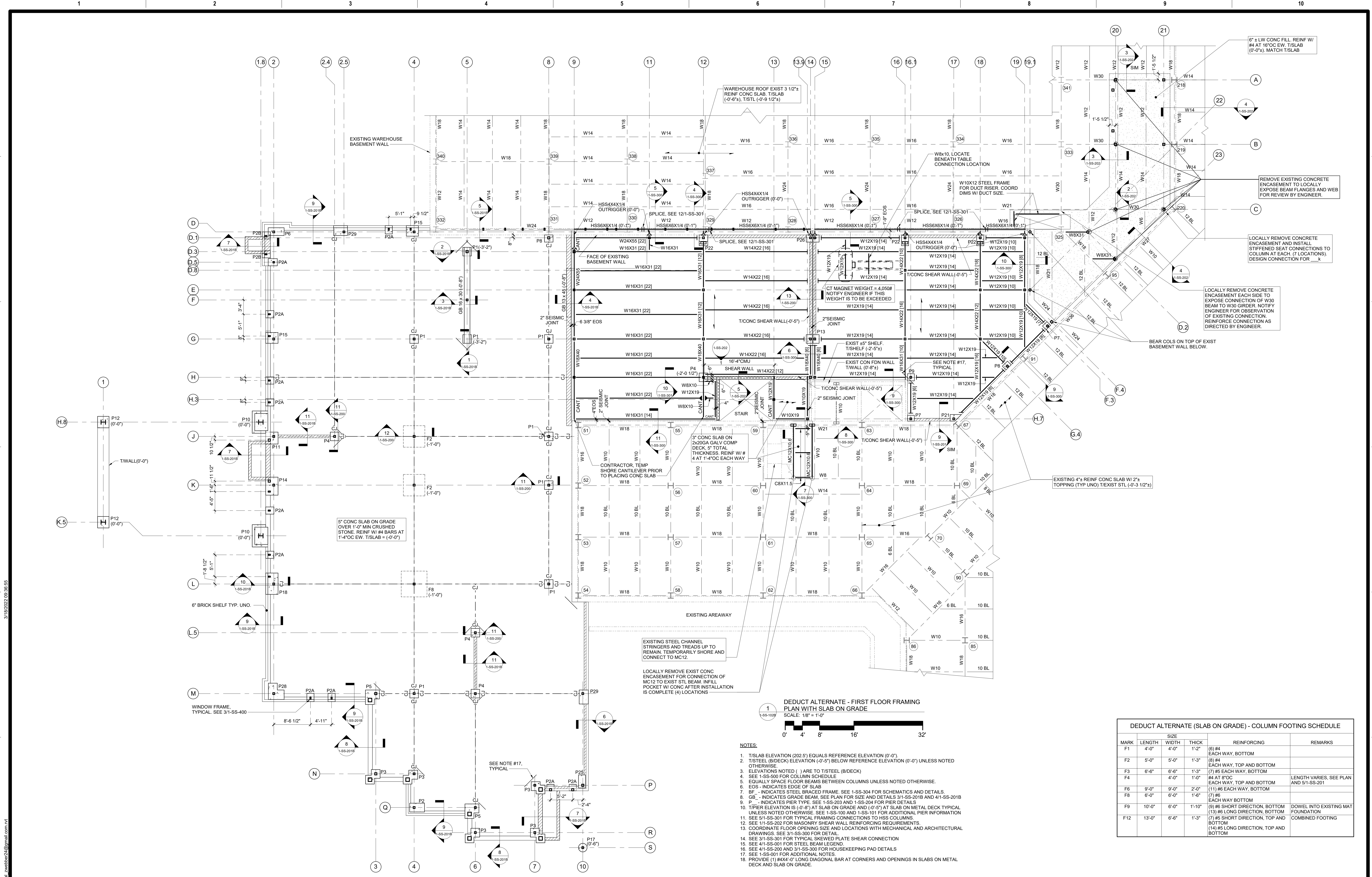
Building Number

Drawing Number

1-SS-101B



<b>CONSULTANT</b> A/E: HYMAN HAYES ASSOCIATES 800 Troy Schoenbeck Road, Suite 103 Latham, NY 12110 (518) 452-3470 1-845-543-4981 www.hymanhayes.com		<b>ARCHITECT/ENGINEER OF RECORD</b> <b>FELLENZER</b> ENGINEERING LLP FE PROJECT #: 19-181 22 Mulberry St., Suite 2A, Middleton, NY 12040 1-845-543-4981 181 Church St., Suite 100, Poughkeepsie, NY 12601 1-845-543-4974 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.		<b>STAMP</b>  <b>Office of Construction and Facilities Management</b>  <b>VA</b> U.S. Department of Veterans Affairs		<b>Drawing Title</b> FIRST FLOOR FRAMING PLAN (FULL BASEMENT OR CRAWL SPACE)  <b>Approved:</b>		<b>Phase</b> 100% FOR BID  FULLY SPRINKLERED		<b>Project Title</b> BUILD NEW EMERGENCY DEPARTMENT  <b>Location</b> HOLLAND AVENUE, ALBANY, NY  <b>Issue Date</b> March 18, 2022 <b>Checked</b> JP <b>Drawn</b> ZW		<b>Project Number</b> 528-809 <b>Building Number</b>  <b>Drawing Number</b> 1-SS-102	
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- NOTES:
1. T/SLAB ELEVATION (202.5') EQUALS REFERENCE ELEVATION (0'-0")
  2. T/STEEL (B/DECK) ELEVATION (0'-5") BELOW REFERENCE ELEVATION (0'-0") UNLESS NOTED OTHERWISE
  3. ELEVATIONS NOTED ( ) ARE TO T/STEEL (B/DECK)
  4. SEE 1-SS-300 FOR COLUMN SCHEDULE
  5. EQUALLY SPACE FLOOR BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE
  6. EOS - INDICATES EDGE OF SLAB
  7. BF - INDICATES STEEL BRACED FRAME. SEE 1-SS-304 FOR SCHEMATICS AND DETAILS
  8. GB - INDICATES GRADE BEAM. SEE PLAN FOR SIZE AND DETAILS 3/1-SS-201B AND 4/1-SS-201B
  9. P - INDICATES PIER TYPE. SEE 1-SS-203 AND 1-SS-204 FOR PIER DETAILS
  10. T/PIER ELEVATION IS (0'-8") AT SLAB ON GRADE AND (0'-5") AT METAL DECK TYPICAL UNLESS NOTED OTHERWISE. SEE 1-SS-100 AND 1-SS-101 FOR ADDITIONAL PIER INFORMATION
  11. SEE 5/1-SS-301 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS
  12. SEE 1/1-SS-202 FOR MASONRY SHEAR WALL REINFORCING REQUIREMENTS
  13. COORDINATE FLOOR OPENING SIZE AND LOCATIONS WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. SEE 3/1-SS-300 FOR DETAIL
  14. SEE 3/1-SS-301 FOR TYPICAL SKEWED PLATE SHEAR CONNECTION
  15. SEE 4/1-SS-001 FOR STEEL BEAM LEGEND
  16. SEE 4/1-SS-200 AND 3/1-SS-300 FOR HOUSEKEEPING PAD DETAILS
  17. SEE 1-SS-001 FOR ADDITIONAL NOTES
  18. PROVIDE (1) #4X4-0" LONG DIAGONAL BAR AT CORNERS AND OPENINGS IN SLABS ON METAL DECK AND SLAB ON GRADE

DEDUCT ALTERNATE (SLAB ON GRADE) - COLUMN FOOTING SCHEDULE					
MARK	LENGTH	SIZE	THICK	REINFORCING	REMARKS
F1	4'-0"	4'-0"	1'-2"	(6) #4 EACH WAY, BOTTOM	
F2	5'-0"	5'-0"	1'-3"	(8) #4 EACH WAY, TOP AND BOTTOM	
F3	6'-6"	6'-6"	1'-3"	(7) #5 EACH WAY, BOTTOM	
F4	6'-6"	4'-0"	1'-0"	(#4) AT 8"OC EACH WAY, TOP AND BOTTOM	LENGTH VARIES, SEE PLAN AND 5/1-SS-201
F6	9'-0"	9'-0"	2'-0"	(11) #6 EACH WAY, BOTTOM	
F8	6'-0"	6'-0"	1'-6"	(7) #6 EACH WAY BOTTOM	
F9	10'-0"	6'-0"	1'-10"	(9) #6 SHORT DIRECTION, BOTTOM (13) #6 LONG DIRECTION, BOTTOM	DOWEL INTO EXISTING MAT FOUNDATION
F12	13'-0"	6'-6"	1'-3"	(7) #5 SHORT DIRECTION, TOP AND BOTTOM (14) #5 LONG DIRECTION, TOP AND BOTTOM	COMBINED FOOTING

Revisions:

Date:

CONSULTANT

A/E:

HYMAN HAYES ASSOCIATES

300 Troy Schenectady Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
1.845-543-4381  
www.hymanhayes.com

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ARCHITECT/ENGINEER OF RECORD

FELLENZER ENGINEERS LLP

FE PROJECT #: 19-181

22 Mulberry St., Suite 2A,  
Middleton, NY 13840  
1.845-543-4381  
181 Church St., Suite 100,  
Poughkeepsie, NY 12601  
1.845-543-9704  
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www.fellp.com

Office of Construction and Facilities Management

U.S. Department of Veterans Affairs

Drawing Title

FIRST FLOOR FRAMING PLAN - DEDUCT ALTERNATE 5 (SLAB ON GRADE)

Approved:

Phase

100% FOR BID

FULLY SPRINKLERED

Project Title

BUILD NEW EMERGENCY DEPARTMENT

Location

HOLLAND AVENUE, ALBANY, NY

Issue Date

March 18, 2022

Checked

JP

Drawn

ZW

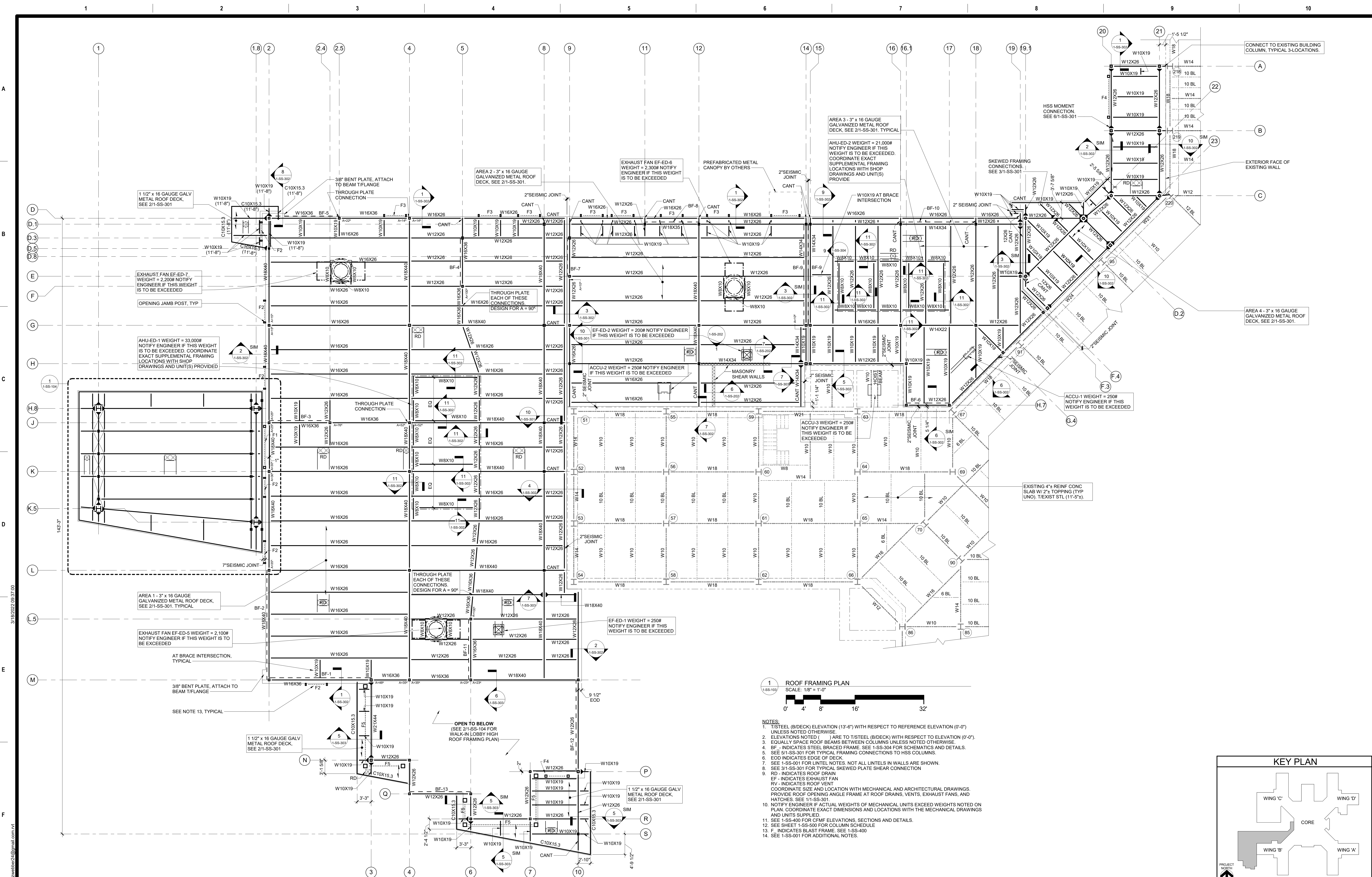
Project Number

528-809

Building Number

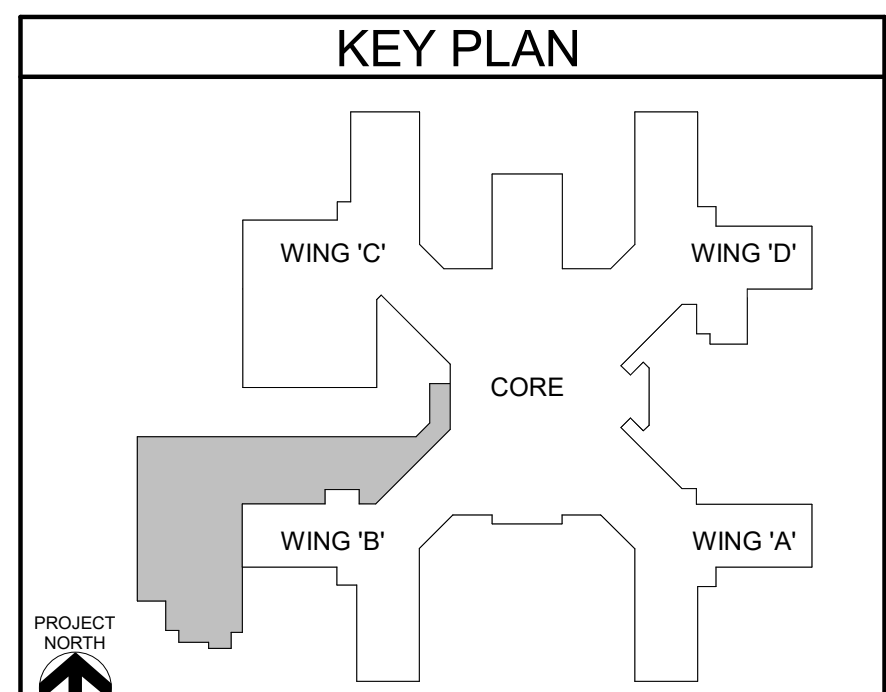
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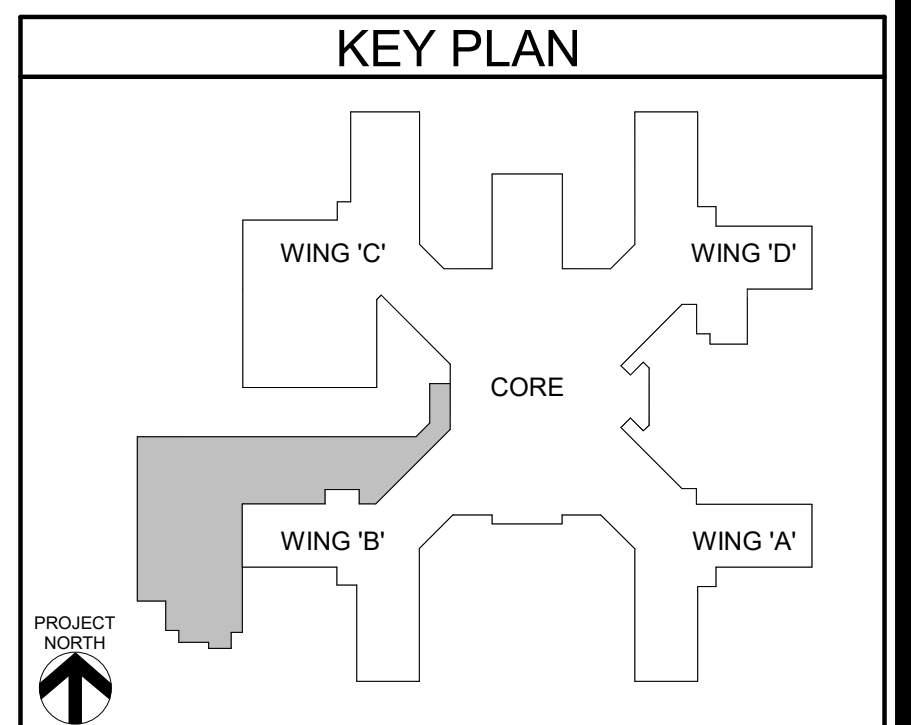


**1 ROOF FRAMING PLAN**  
SCALE: 1/8" = 1'-0"

NOTES:  
1. 1/2" x 16 GAUGE GALV. METAL ROOF DECK, SEE 2/1-SS-301.  
2. ELEVATIONS NOTED ( ) ARE TO STEEL (B) DECK WITH RESPECT TO ELEVATION (0'-0").  
3. EQUALLY SPACE ROOF BEAMS BETWEEN COLUMNS UNLESS NOTED OTHERWISE.  
4. BF - INDICATES STEEL BRACED FRAME. SEE 1-SS-304 FOR SCHEMATICS AND DETAILS.  
5. SEE 5/1-SS-301 FOR TYPICAL FRAMING CONNECTIONS TO HSS COLUMNS.  
6. EOD INDICATES EDGE OF DECK.  
7. SEE 1-SS-001 FOR LINTEL NOTES. NOT ALL LINTELS IN WALLS ARE SHOWN.  
8. SEE 3/1-SS-301 FOR TYPICAL SKEWED PLATE SHEAR CONNECTION.  
9. RD - INDICATES ROOF DRAIN.  
10. EX - INDICATES EXHAUST FAN.  
11. COORDINATE SIZE AND LOCATION WITH MECHANICAL AND ARCHITECTURAL DRAWINGS. PROVIDE ROOF OPENING ANGLE FRAME AT ROOF DRAINS, VENTS, EXHAUST FANS, AND HATCHES. SEE 1/1-SS-301.  
12. NOTIFY ENGINEER IF ACTUAL WEIGHTS OF MECHANICAL UNITS EXCEED WEIGHTS NOTED ON PLAN. COORDINATE EXACT DIMENSIONS AND LOCATIONS WITH THE MECHANICAL DRAWINGS AND UNITS SUPPLIED.  
13. SEE 1-SS-400 FOR CFM ELEVATIONS, SECTIONS AND DETAILS.  
14. SEE SHEET 1-SS-500 FOR COLUMN SCHEDULE.  
15. F - INDICATES BLAST FRAME. SEE 1-SS-400.  
16. SEE 1-SS-001 FOR ADDITIONAL NOTES.



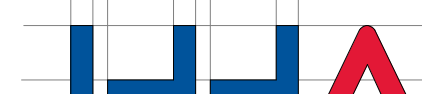
<b>CONSULTANT</b> A/E: HYMAN HAYES ASSOCIATES 800 Troy Schenckedy Road, Suite 103 Latham, NY 12110 (518) 452-3470 1-845-343-1481 fx 845-343-4986 www.tyrrhayan.com		<b>ARCHITECT/ENGINEER OF RECORD</b> <b>FELLENZER</b> ENGINEERING LLP FE PROJECT #: 19-181 22 Mulberry St., Suite 2A, Madison, NY 12640 1-845-454-9704 fx 855-320-8735 181 Church St., Suite 100, Poughkeepsie, NY 12601 1-845-454-9704 fx 855-320-8735 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.		STAMP	<b>Office of Construction and Facilities Management</b> U.S. Department of Veterans Affairs		Drawing Title ROOF FRAMING PLAN Approved:	Phase 100% FOR BID FULLY SPRINKLERED	Project Title BUILD NEW EMERGENCY DEPARTMENT Location HOLLAND AVENUE, ALBANY, NY Issue Date March 18, 2022	Project Number 528-809 Building Number Drawing Number 1-SS-103
Revisions:		Date:		20057		Checked JP		Drawn ZW		

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# CONSULTANT

A/E:


HYMAN  
HAYES  
ASSOCIATES



800 Tray-Scheneckody  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
[www.hymanhayes.com](http://www.hymanhayes.com)

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**FELLENZER** 

ENGINEERING LLP

FE PROJECT #: 19-181 [www.fellip.com](http://www.fellip.com)

22 Mulberry St., Suite 2A,  
Middletown, NY 10940  
1845-343-1481 or 845-343-4986

181 Church St., Suite 100,  
Poughkeepsie, NY 12601  
1845-454-0704 or 855-320-8735

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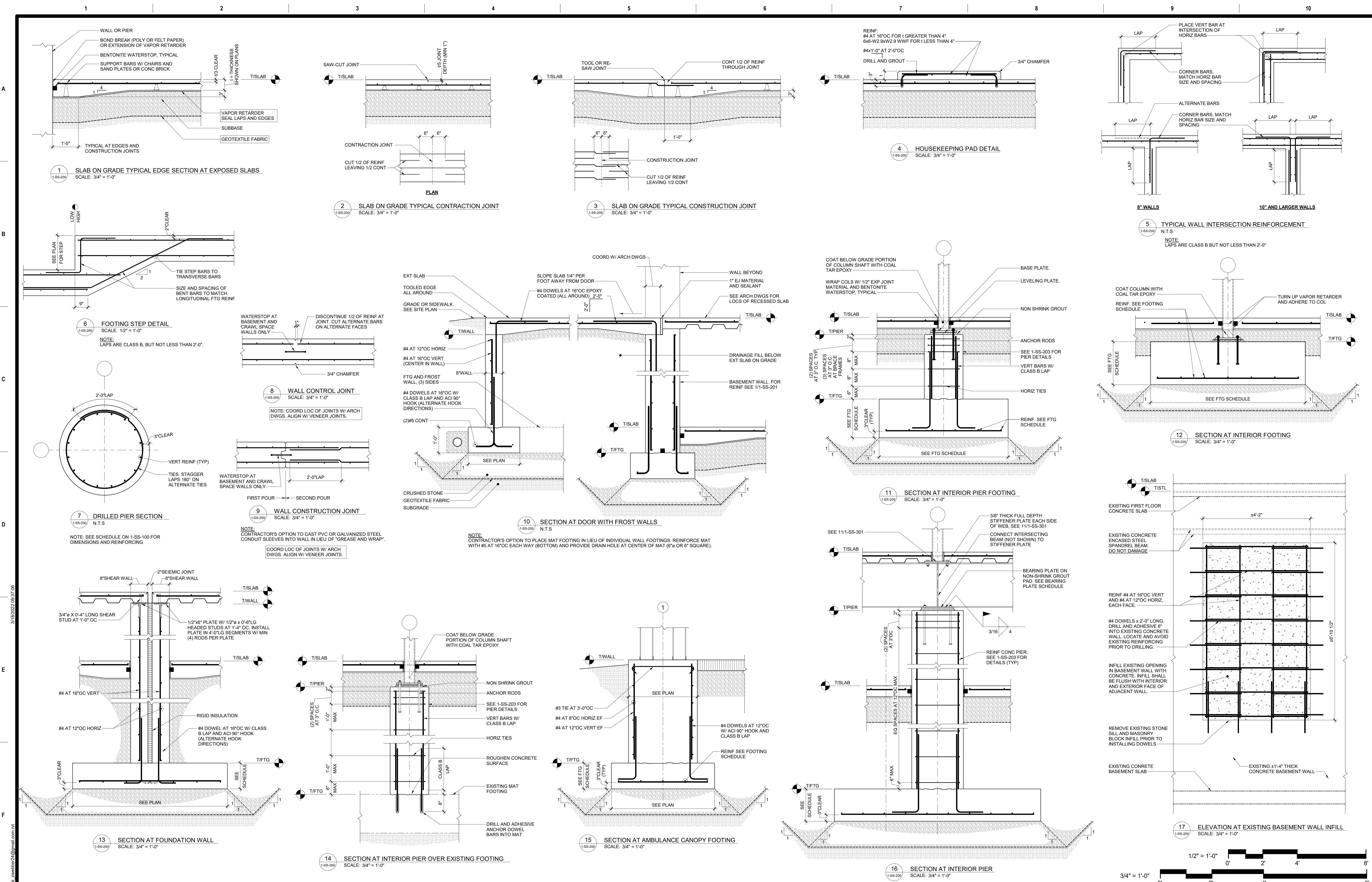
**VA** U.S. Department  
of Veterans Affairs

Drawing Title
AMBULANCE CANOPY AND WALK-IN LOBBY ROOF FRAMING PLANS
Approved:

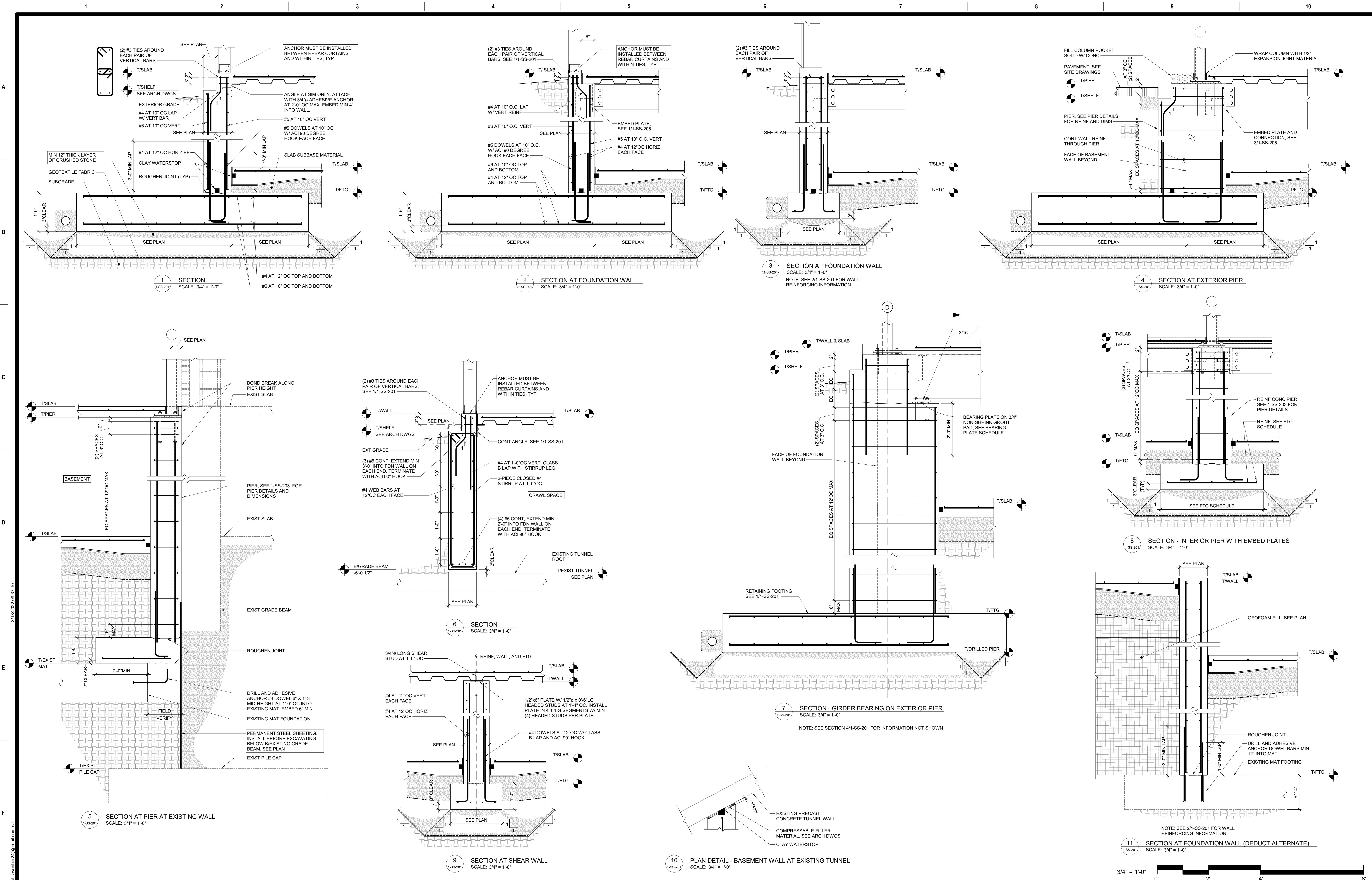
Phase	100% FOR BID
	FULLY SPRINKLERED

Project Title		
BUILD NEW EMERGENCY DEPARTMENT		
Location		
HOLLAND AVENUE, ALBANY, NY		
Issue Date	Checked	Drawn
March 18, 2022	JP	ZW

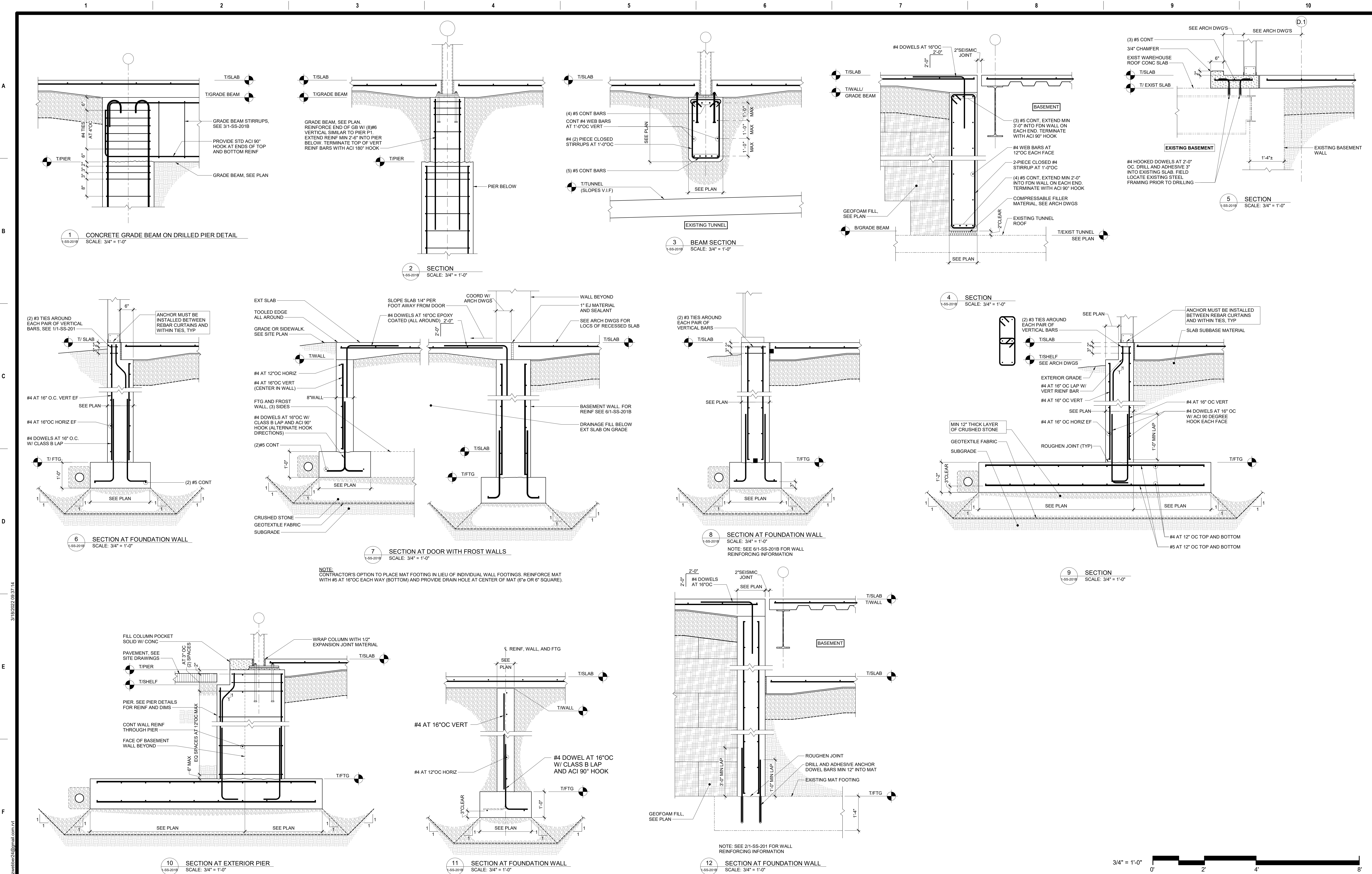
Project Number	528-809
Building Number	
Drawing Number	1-SS-104



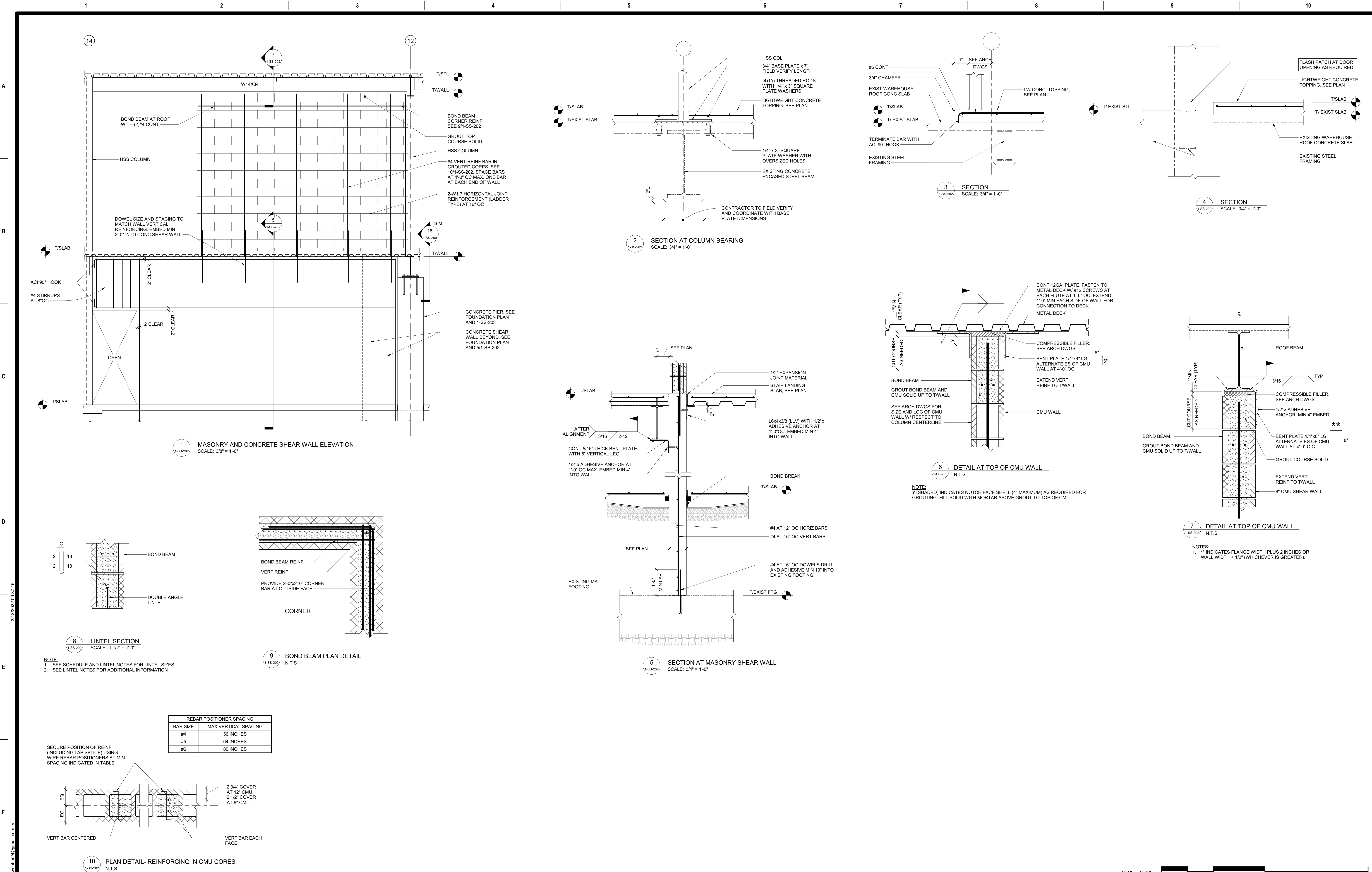
<b>CONSULTANT</b> A/E: HYMAN HAYES ASSOCIATES 800 Troy Schenckedy Road, Suite 103 Latham, NY 12110 (518) 452-3470 www.tyrrandhayes.com		<b>ARCHITECT/ENGINEER OF RECORD</b> <b>FELLENZER</b> ENGINEERING LLP FE PROJECT #: 19-181 22 Mulberry St., Suite 2A, Middleton, NY 13165 1-845-343-1481 fx 845-343-4986 www.fellp.com 181 Church St., Suite 100, Poughkeepsie, NY 12601 1-845-454-9704 fx 855-320-8735 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.		STAMP	Office of Construction and Facilities Management  VA U.S. Department of Veterans Affairs	Drawing Title FOUNDATION DETAILS  Approved:	Phase 100% FOR BID  FULLY SPRINKLERED	Project Title BUILD NEW EMERGENCY DEPARTMENT  Location HOLLAND AVENUE, ALBANY, NY  Issue Date March 18, 2022	Project Number 528-809 Building Number  Drawing Number 1-SS-200
Revisions:		Date:		20057					



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<div>CONSULTANT</div> <div>A/E:</div> <div>HYMAN HAYES ASSOCIATES</div> <div>20057</div>		<div>ARCHITECT/ENGINEER OF RECORD</div> <div>FELLENZER ENGINEERING LLP</div> <div>FE PROJECT #: 19-181</div> <div>22 Mulberry St., Suite 2A, Middletown, NY 13540</div> <div>181 Church St., Suite 100, Poughkeepsie, NY 12601</div> <div>1-845-343-1481 fx 845-343-4986 1-845-454-9704 fx 855-320-8735</div> <div>UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.</div>		<div>Office of Construction and Facilities Management</div> <div>VA U.S. Department of Veterans Affairs</div>	<div>Drawing Title</div> <div>FOUNDATION DETAILS - DEDUCT ALTERNATE 5 (SLAB ON GRADE)</div> <div>Approved:</div>	<div>Phase</div> <div>100% FOR BID</div> <div>FULLY SPRINKLERED</div>	<div>Project Title</div> <div>BUILD NEW EMERGENCY DEPARTMENT</div> <div>Location</div> <div>HOLLAND AVENUE, ALBANY, NY</div> <div>Issue Date</div> <div>March 18, 2022</div> <div>Checked</div> <div>JP</div> <div>Drawn</div> <div>ZW</div>	<div>Project Number</div> <div>528-809</div> <div>Building Number</div> <div></div> <div>Drawing Number</div> <div>1-SS-2018</div>
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Revisions:

Date:

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CONSULTANT

A/E:

HYMAN HAYES ASSOCIATES

900 Troy Schenectady Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
www.hymanhayes.com

ARCHITECT/ENGINEER OF RECORD

FELLENZER ENGINEERING LLP

FE PROJECT #: 19-181

22 Mulberry St., Suite 2A,  
Middletown, NY 10940  
1 845-343-1481 fx 845-343-4986

181 Church St., Suite 100,  
Poughkeepsie, NY 12601  
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Office of Construction and Facilities Management

VA U.S. Department of Veterans Affairs

Drawing Title

FIRST FLOOR SLAB DETAILS AT EXISTING & MASONRY DETAILS

Approved:

Phase

100% FOR BID

FULLY SPRINKLERED

Project Title

BUILD NEW EMERGENCY DEPARTMENT

Location

HOLLAND AVENUE, ALBANY, NY

Issue Date

March 18, 2022

Checked

JP

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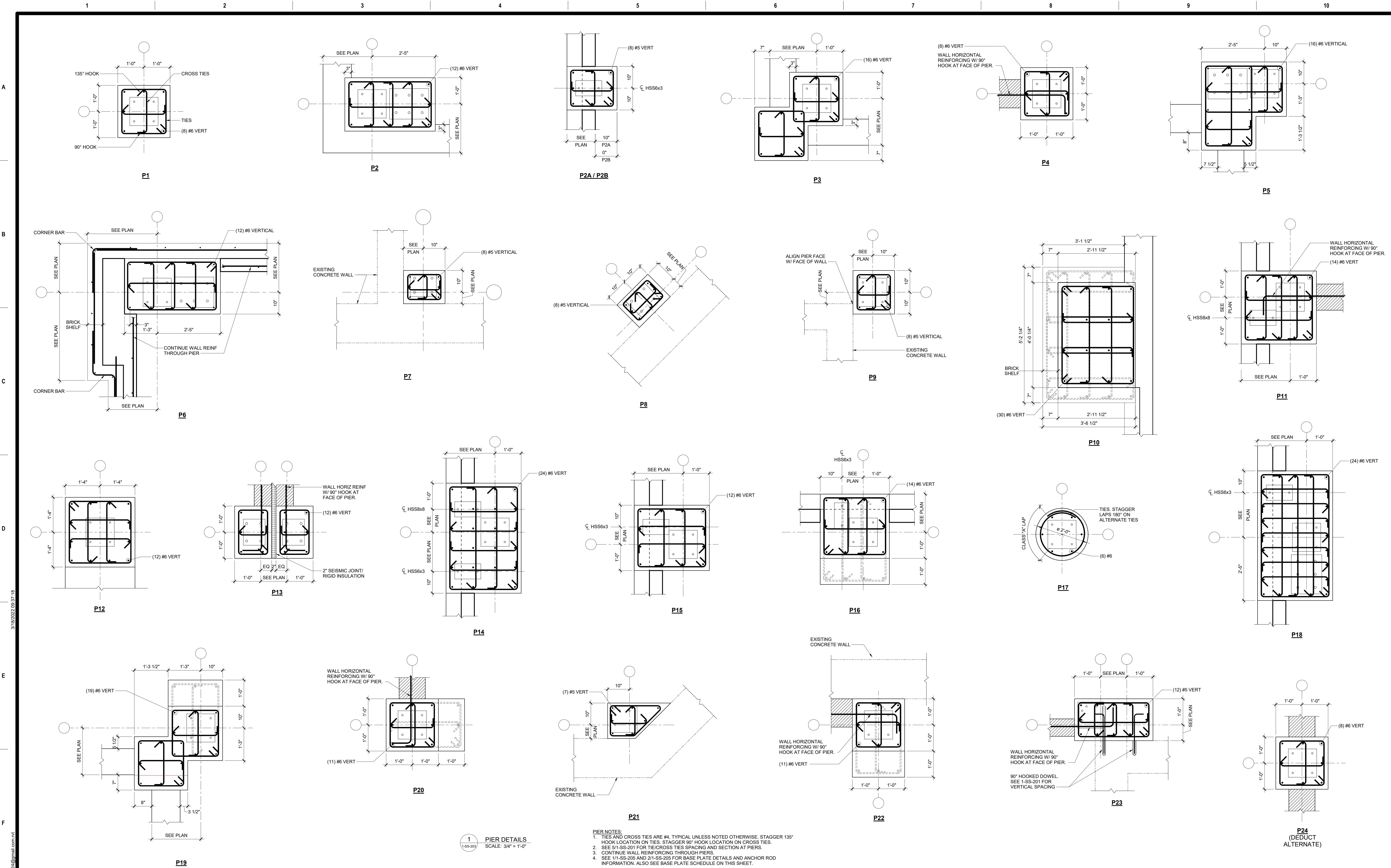
Project Number

528-809

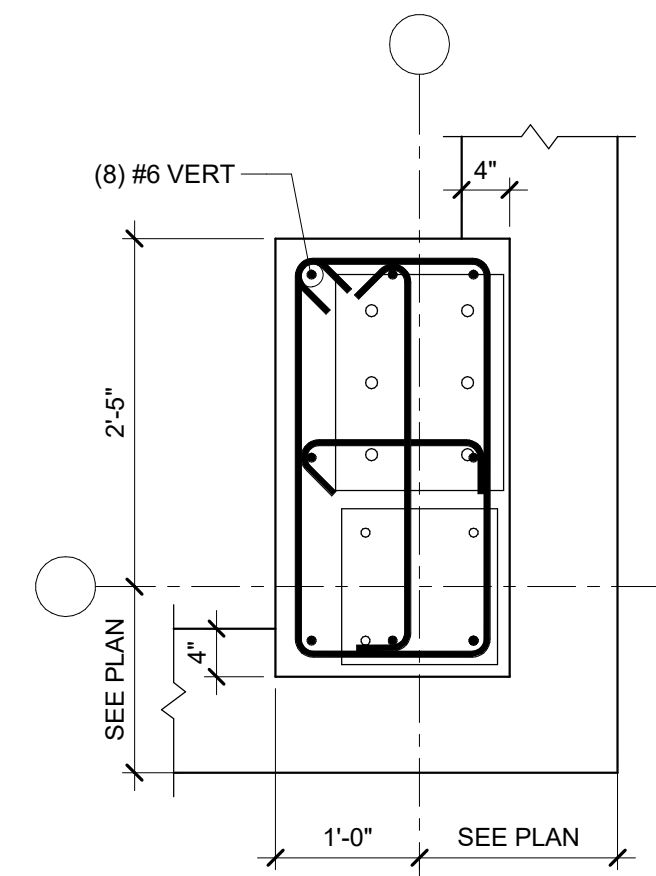
Building Number

Drawing Number

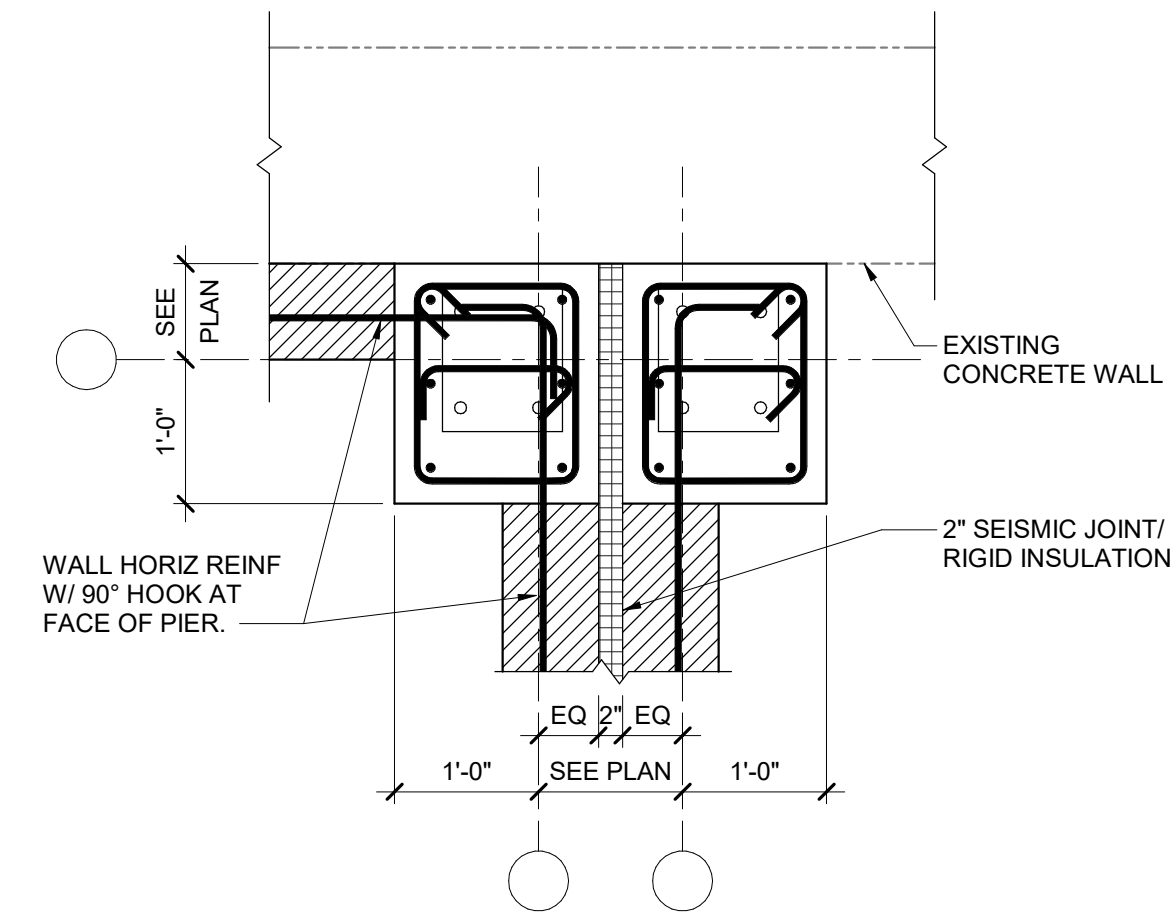
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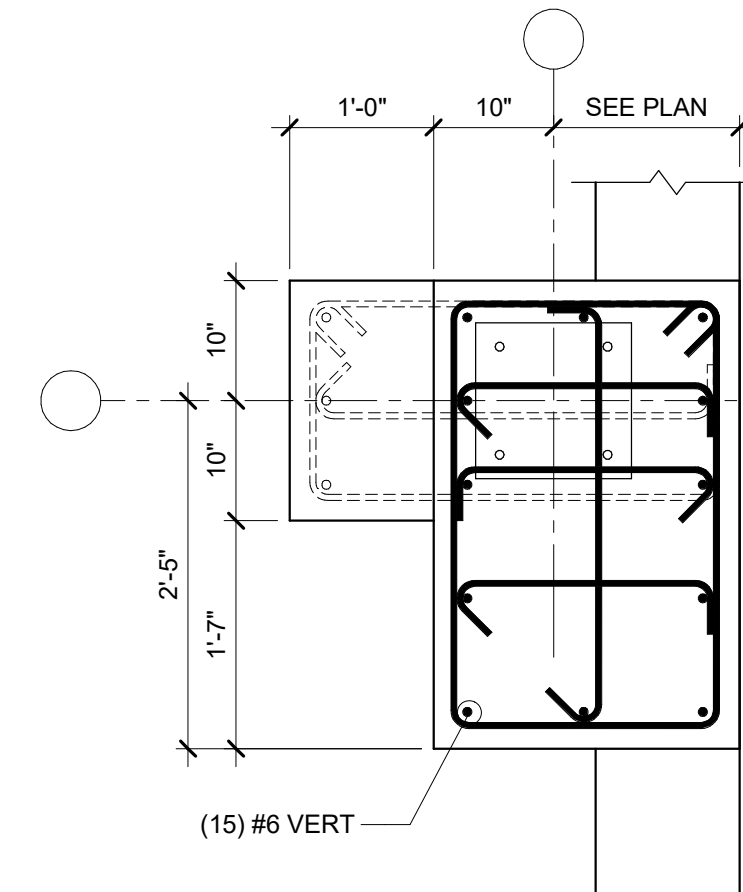
CONSULTANT		ARCHITECT/ENGINEER OF RECORD		Office of Construction and Facilities Management		Phase		Project Title		Project Number	
A/E:		FELLENER ENGINEERING LLP		STAMP		100% FOR BID		BUILD NEW EMERGENCY DEPARTMENT		528-809	
HYMAN HAYES ASSOCIATES		FE PROJECT #: 19-181								Building Number	
		22 Mulberry St., Suite 2A, Middletown, NY 13940						Location		Drawing Number	
		181 Church St., Suite 100, Poughkeepsie, NY 12601						HOLLAND AVENUE, ALBANY, NY		1-SS-203	
Revisions:		UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.		VA U.S. Department of Veterans Affairs		FULLY SPRINKLERED		Issue Date		Checked	
Date:								March 18, 2022		JP	
										ZW	



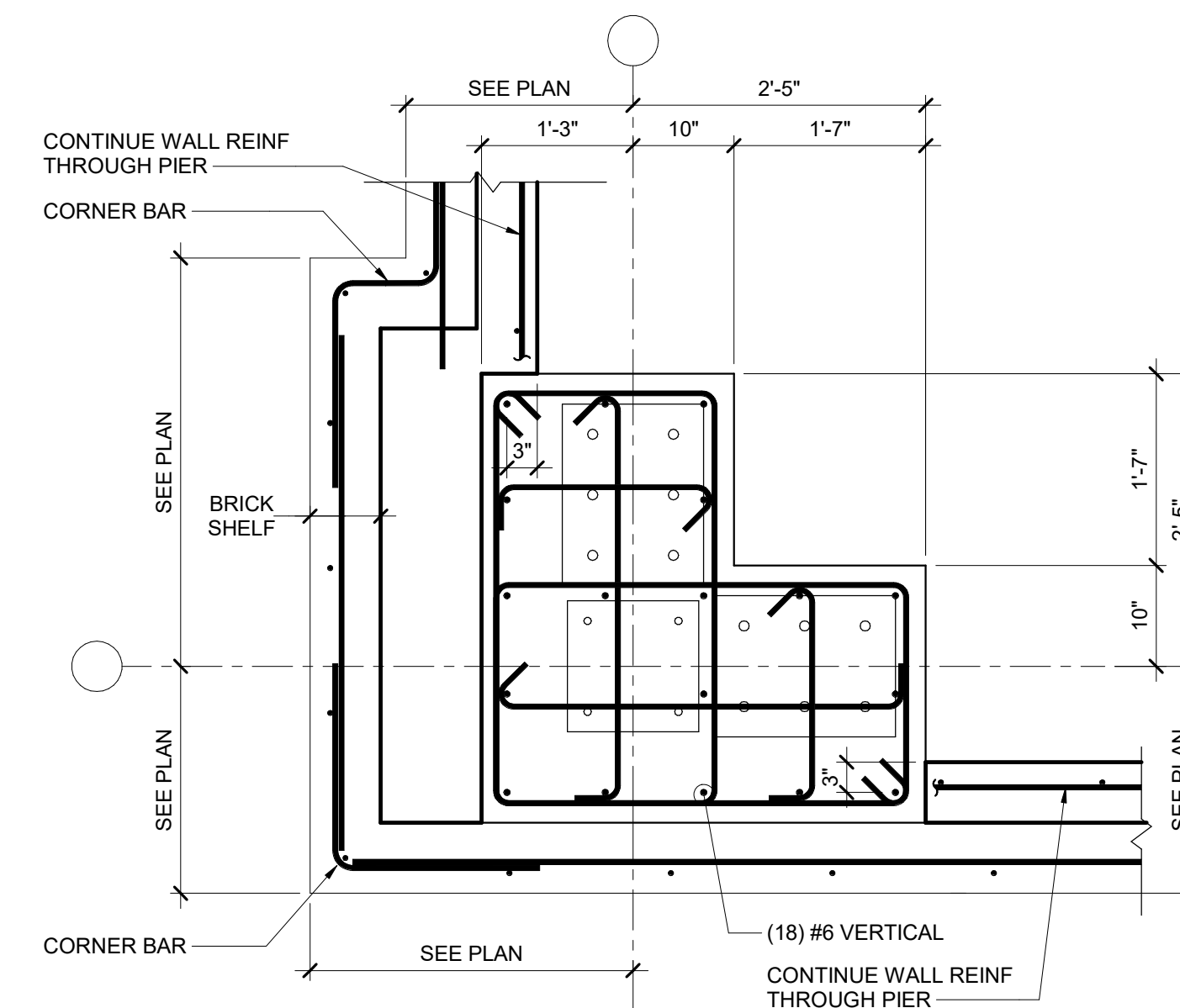
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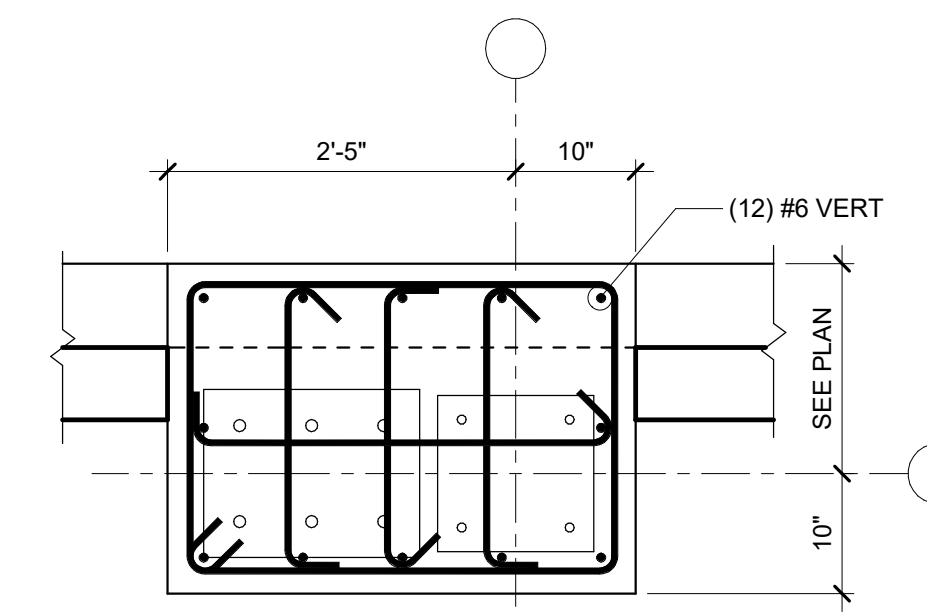
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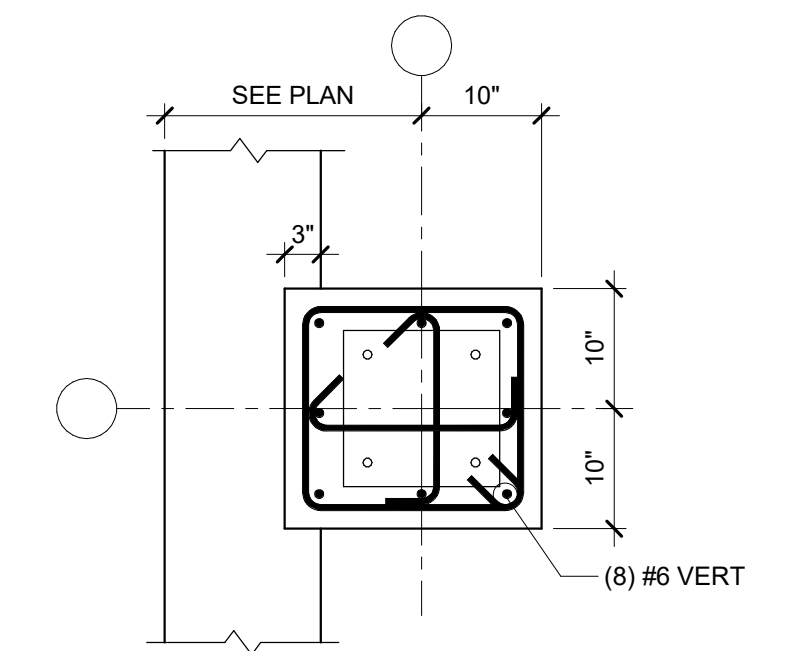
**P27**



P28



**P29**



**P30**

1  
1-SS-204


- PIER NOTES:**
1. TIES AND CROSS TIES ARE #4, TYPICAL UNLESS NOTED OTHERWISE. STAGGER 135° HOOK LOCATION ON TIES. STAGGER 90° HOOK LOCATION ON CROSS TIES.
  2. SEE 5/1-SS-201 FOR TIE/CROSS TIES SPACING AND SECTION AT PIERS.
  3. CONTINUE WALL REINFORCING THROUGH PIERS.
  4. SEE 1/1-SS-205 AND 2/1-SS-205 FOR BASE PLATE DETAILS AND ANCHOR ROD INFORMATION. ALSO SEE BASE PLATE SCHEDULE ON THIS SHEET.

[illegible]

# CONSULTANT

A/E:

HYMAN  
HAYES  
ASSOCIATES



800 Tiny Schenckway  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
[www.hymanhayes.com](http://www.hymanhayes.com)

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# ARCHITECT/ENGINEER OF RECORD

## FELLENZER III

ENGINEERING LLP

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22 Mulberry St., Suite 2A, 181 Church St., Suite 100  
 Middletown, NY 10940 Poughkeepsie, NY 12601  
 1-845-343-3861 1-845-343-4986 1-845-454-0704 1-855-520-6735

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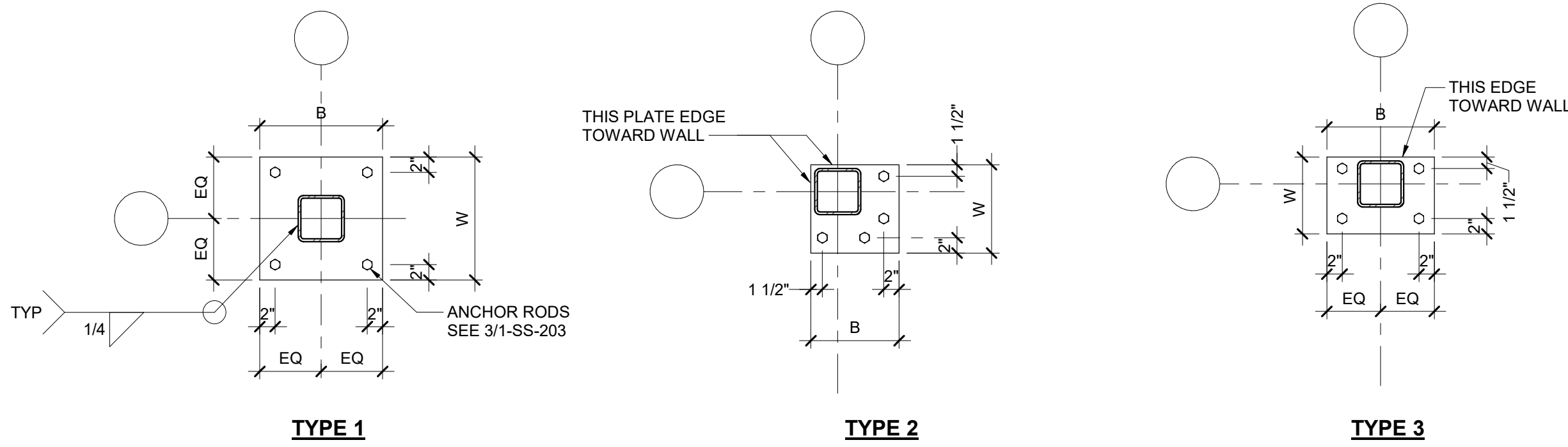
**VA** U.S. Department  
of Veterans Affairs

Drawing Title	PIER DETAILS
Approved:	

Phase	100% FOR BID
	FULLY SPRINKLERED

Project Title		
BUILD NEW EMERGENCY DEPARTMENT		
Location		
HOLLAND AVENUE, ALBANY, NY		
Issue Date	Checked	Drawn
March 18, 2022	JP	ZW

Project Number	528-809
Building Number	
Drawing Number	1-SS-204



TYPE 1

TYPE 2

TYPE 3

1 BASE PLATE DETAILS  
1-SS-205 N.T.S.

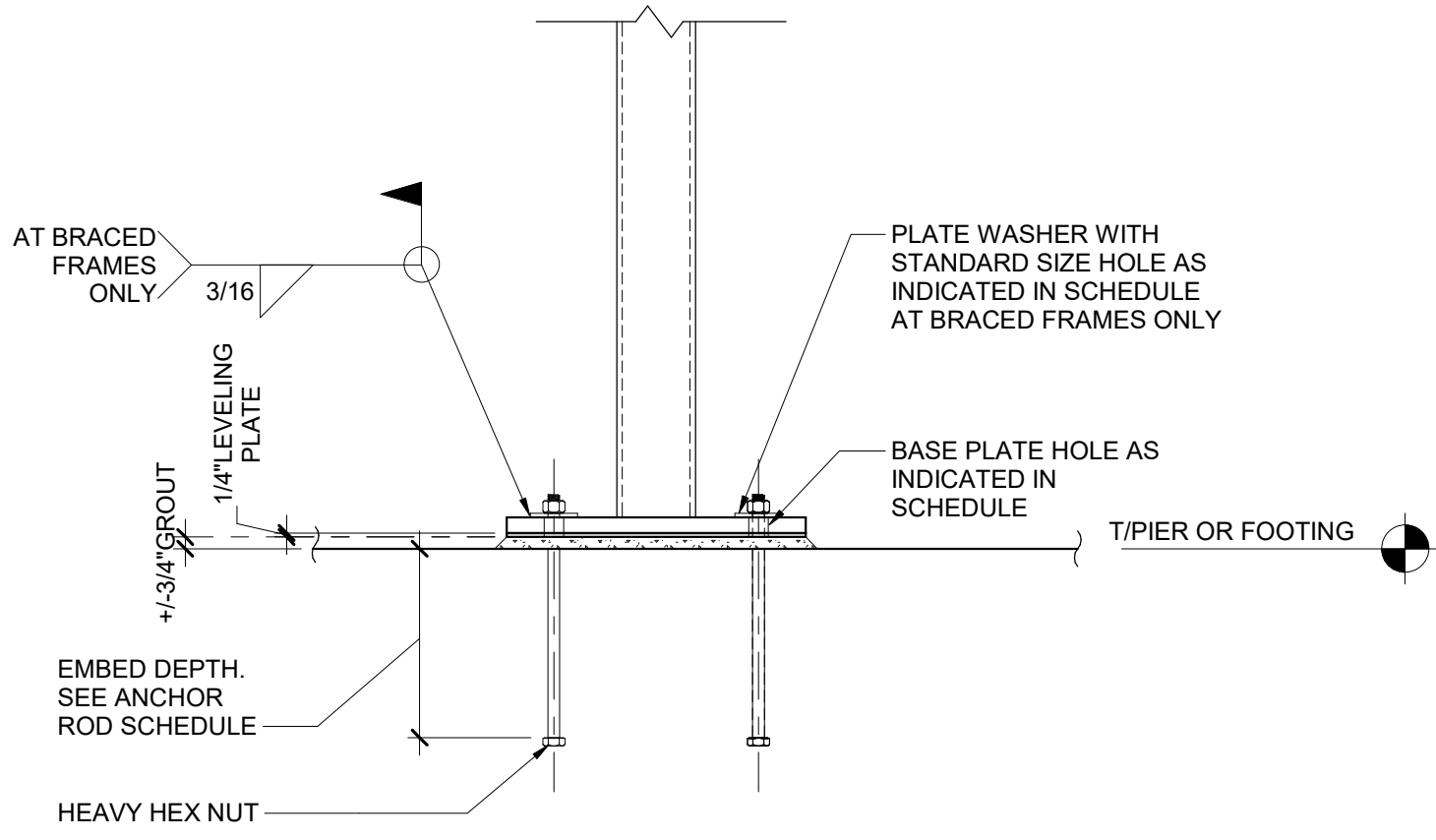
- BASE PLATE NOTES
- COORDINATE WITH FOUNDATION PLAN, FRAMING PLANS, AND PIER DETAILS FOR BASIC PLATE LOCATIONS AND ELEVATIONS
  - INSTALL BASE PLATES OVER 1/4" LEVELING PLATE (SAME SIZE AS BASE PLATE) AND +/- 3/4" NON SHRINK GROUT PAD SEE 2/1-SS-205
  - COAT BELOW SLAB BASE PLATES, ANCHOR RODS AND COLUMNS WITH COIL TAR EPOXY

BASE PLATE SCHEDULE					
MARK	TYPE	W	B	THICKNESS	ANCHOR ROD
BP1	1	1'-0"	1'-0"	3/4"	AR1, AR2 AT BRACED FRAMES
BP2	1	1'-1"	1'-1"	3/4"	AR1, AR2 AT BRACED FRAMES
BP3	1	1'-8"	1'-8"	3/4"	AR1
BP4	2	1'-0"	1'-0"	3/4"	AR1, AR2 AT BRACED FRAMES
BP5	3	0'-10"	1'-0"	3/4"	AR1, AR2 AT BRACED FRAMES
BP6	1	1'-5"	1'-5"	3/4"	AR1

ANCHOR ROD SCHEDULE					
MARK	TYPE	ANCHOR ROD DIAMETER	GRADE	EMBED DEPTH	BASE PLATE HOLE DIAMETER
AR1	1	3/4"	36	1'-0"	1 5/16"
AR2	1	1"	36	1'-8"	1 13/16"
AR3	2	1 1/4"	36	1'-10"	2 1/16"

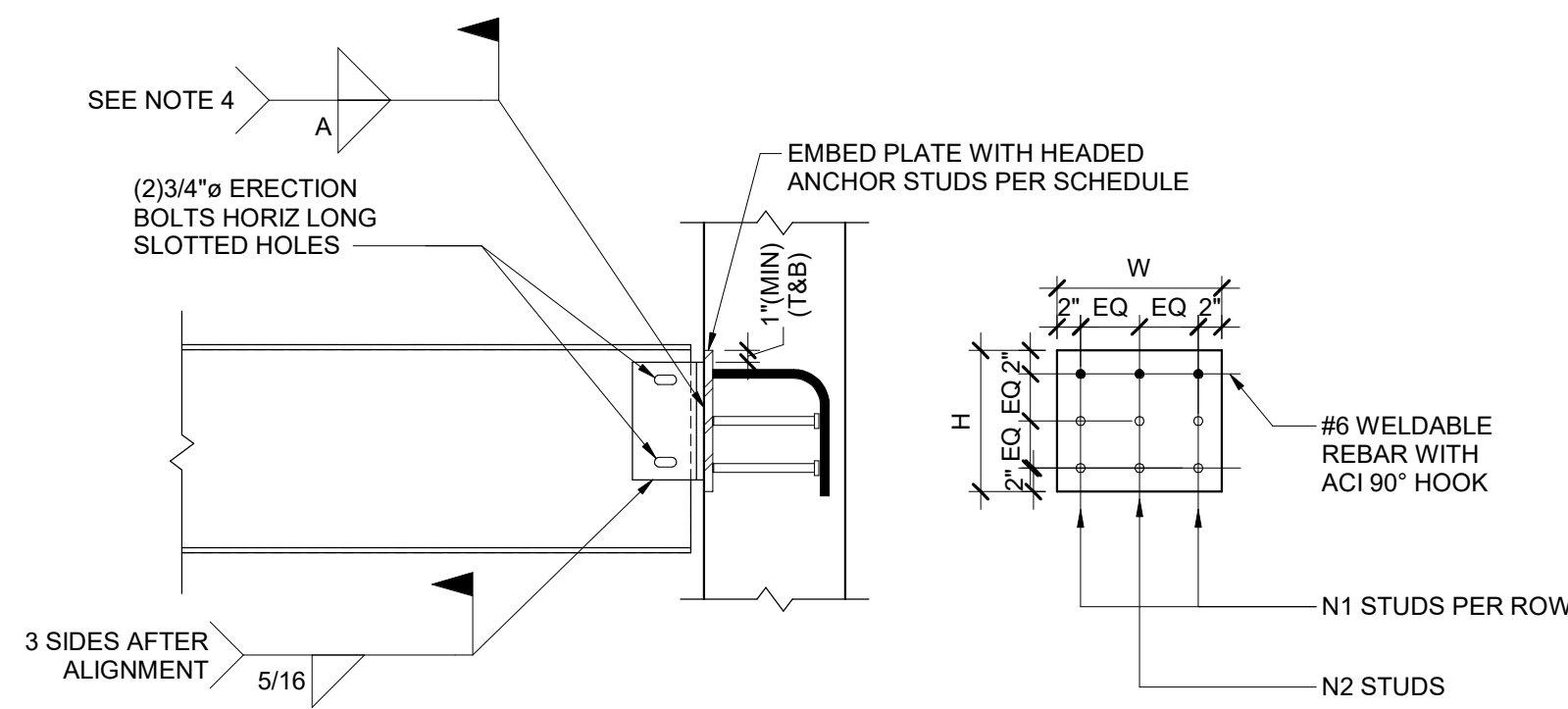
PLATE WASHERS TO HAVE STANDARD SIZE HOLES.

BEARING PLATE SCHEDULE				
MARK	PLATE THICKNESS	PLATE LENGTH (L)	PLATE WIDTH (W)	ANCHOR ROD
BRGP-1	3/4"	14"	10"	4
BRGP-2	3/4"	14"	11"	4



2 COLUMN BASE DETAIL  
1-SS-205 SCALE: 1" = 1'-0"

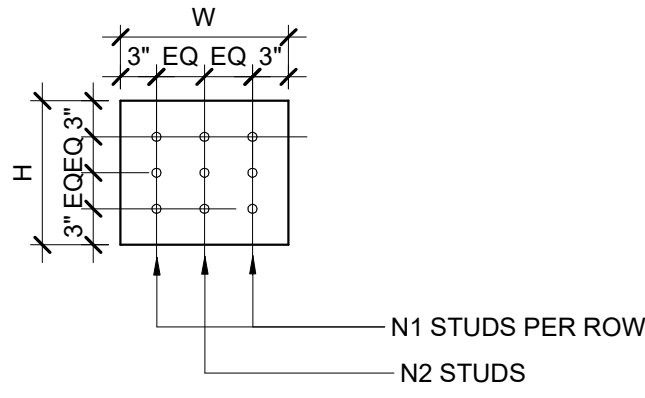
WALL EMBED PLATE SCHEDULE									
MAX END REACTION	BEAM DEPTH	WT6X25 LENGTH	EMBED PLATE DIMENSIONS			HEADED ANCHOR STUDS		WELD A	
			T	W	H	DIA	N1		
21 K	W12	0'-6"	3/4"	14"	0'-10"	3/4"	2	0	1/4"
22 K	W14	0'-8"	3/4"	14"	0'-11"	3/4"	2	0	1/4"
35 K	W18	0'-10"	3/4"	14"	1'-4"	3/4"	4	4	1/4"



3 WALL EMBED PLATE SCHEDULE  
1-SS-205 N.T.S.

- NOTES:
- SELECT EMBED PLATE CONNECTION BASED ON BEAM DEPTH.
  - HEAD ANCHOR STUD LENGTH = 3/4"x x 0'-6"
  - EMBED PLATE SETTING TOLERANCE = ±2". SEE SPECIFICATIONS FOR ADDITIONAL TOLERANCES.
  - PROVIDE 1"x BLEED HOLES IN EMBED PLATE ON VERTICAL CENTERLINE AT 14"OC (MAX) FOR H>1'-0". LOCATE HOLES 2" (MIN) FROM CLOSEST STUD.
  - WELD 'A' TO BE FULL LENGTH OF TEE WITH RETURN OF 2X'A' TOP AND BOTTOM. DO NOT WELD ACROSS TOP OF TEE.
  - PROVIDE SHIMS BETWEEN TEE AND EMBED PLATE ONLY ON PRIOR ACCEPTANCE BY STRUCTURAL ENGINEER. WHEN SHIMS ARE USED, INCREASE WELD SIZE BY THICKNESS OF SHIM (1/2" MAX SHIM).

BRACED FRAME EMBED PLATE SCHEDULE						
EMBED PLATE DIMENSIONS			HEADED ANCHOR STUDS			WELD A
T	W	H	DIA	N1	N2	
3/4"	14"	1'-6"	3/4"	3	0	3/8"

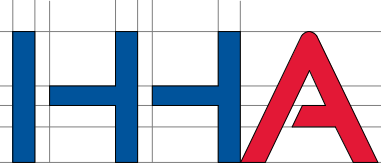


4 BRACED FRAME EMBED PLATE SCHEDULE  
1-SS-205 N.T.S.  
NOTE: HEAD ANCHOR STUD LENGTH = 3/4"x x 0'-6"

CONSULTANT

A/E:

HYMAN  
HAYES  
ASSOCIATES



800 Troy Schenectady  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
www.hymanhayes.com

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ARCHITECT/ENGINEER OF RECORD

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22 Mulberry St., Suite 2A,  
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1 845-343-1481 fx 845-343-4986  
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U.S. Department  
of Veterans Affairs

Drawing Title

PLATE SCHEDULES AND DETAILS AND  
ANCHOR ROD INFO

Approved:

Phase

100% FOR BID

FULLY SPRINKLERED

Project Title

BUILD NEW EMERGENCY  
DEPARTMENT

Location

HOLLAND AVENUE, ALBANY, NY

Issue Date

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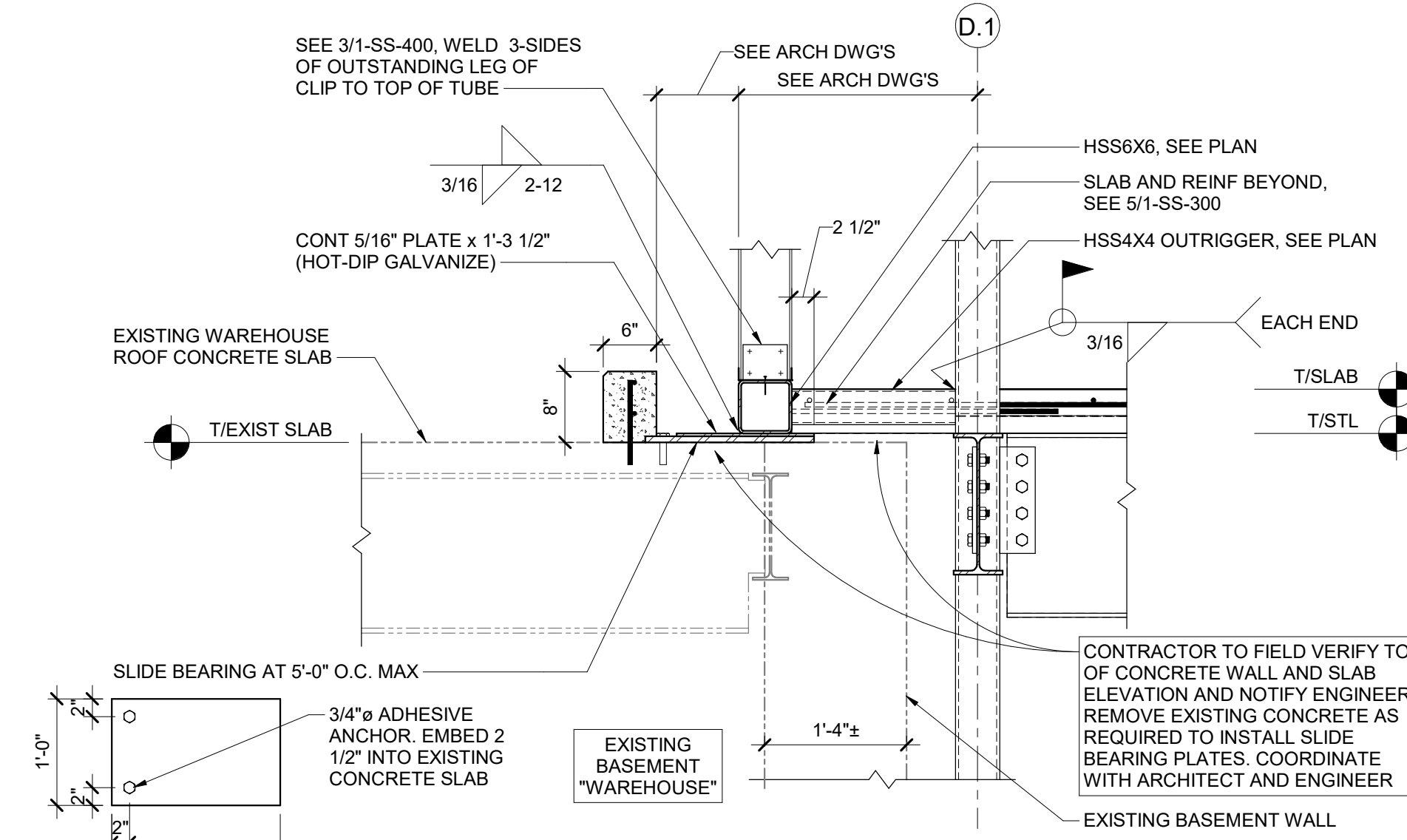
Project Number

528-809

Building Number

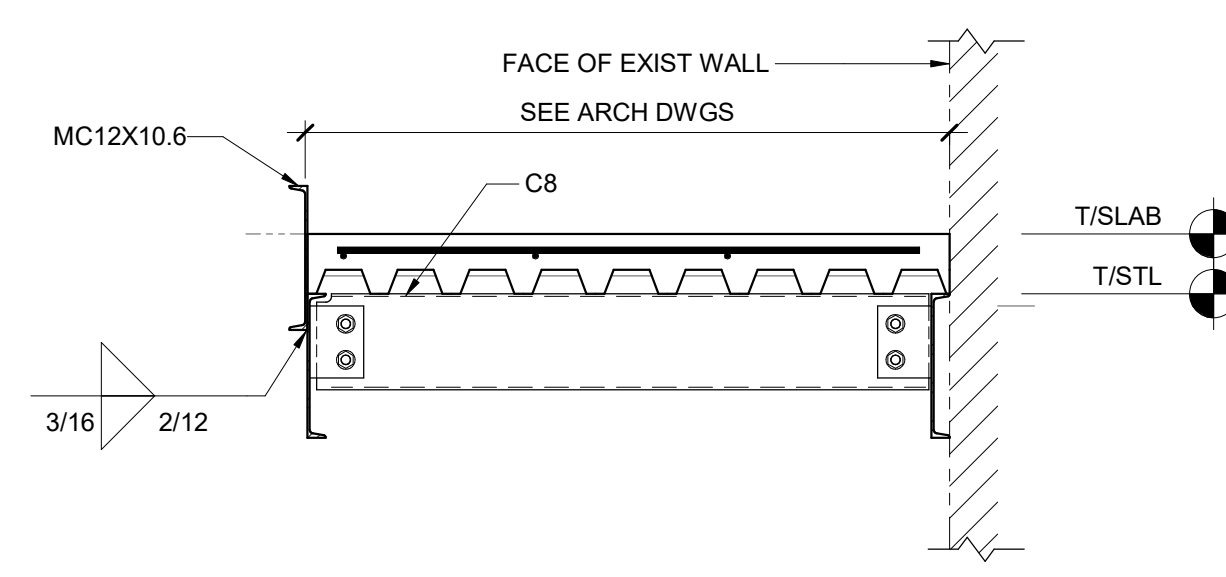
Drawing Number

1-SS-205



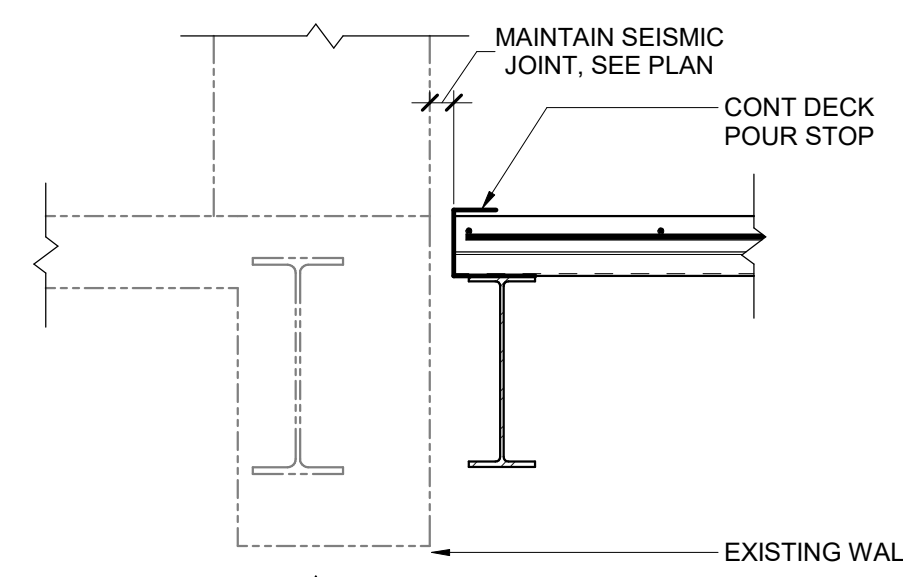
4 SECTION - FRAMING AT EXISTING WAREHOUSE ROOF  
1-SS-300 SCALE: 3/4" = 1'-0"

CONTRACTOR TO FIELD VERIFY TO  
OF CONCRETE WALL AND SLAB  
ELEVATION AND NOTIFY ENGINEER  
REMOVE EXISTING CONCRETE AS  
REQUIRED TO INSTALL SLIDE  
BEARING PLATES. COORDINATE  
WITH ARCHITECT AND ENGINEER



8 SECTION - INFILL AT EXISTING STAIR

NOTE: SEE 4/1-SS-300 FOR INFORMATION NOT SHOWN



11 SECTION AT SLAB ON DECK AT EXISTING WALL  
SCALE: 3/4" = 1'-0"

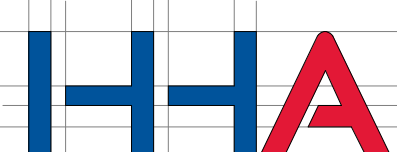
9 SECTION  
SCALE: 3/4" = 1' 0"

10 SLAB ON DECK SECTION AT EXISTING BASEMENT WALL  
SCALE: 3/4" = 1'-0"

[illegible]

## CONSULTANT

A/E:

HYMAN  
HAYES  
ASSOCIATES

800 Troy-Schenectady  
Road, Suite 103  
Latham, NY, 12110  
(518) 452-3470  
[www.trymanihayes.com](http://www.trymanihayes.com)

20057

## ARCHITECT/ENGINEER OF RECORD

**FELLENZER**   
ENGINEERING LLP

FE PROJECT #: 19-181 [www.fellp.com](http://www.fellp.com)

22 Mulberry St., Suite 2A, 181 Church St., Suite 106  
Middletown, NY 10940 Poughkeepsie, NY 12601  
t 845.343.1481 fx 845.343.4986 t 845.454.9704 fx 855.320.8732

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN  
BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL  
IS A VIOLATION OF STATE EDUCATION LAW.

STAM

Office of  
Construction  
and Facilities  
Management

U.S. Department  
of Veterans Affairs

	Drawing Title
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## SLAB ON DECK FRAMING DETAILS

Approved:

☐ Phase

100% FOR BID

FULLY SPRINKLERED

Project Title

BUILD NEW EMERGENCY  
DEPARTMENT

Location	HOLLAND AVENUE, ALBANY, NY
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Issue Date	
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Che

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**Drawn**

Project Number

528-809  
Building Num

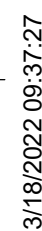
Drawing Number

1-SS-300

3/4" = 1'-0"



0' 2' 4'



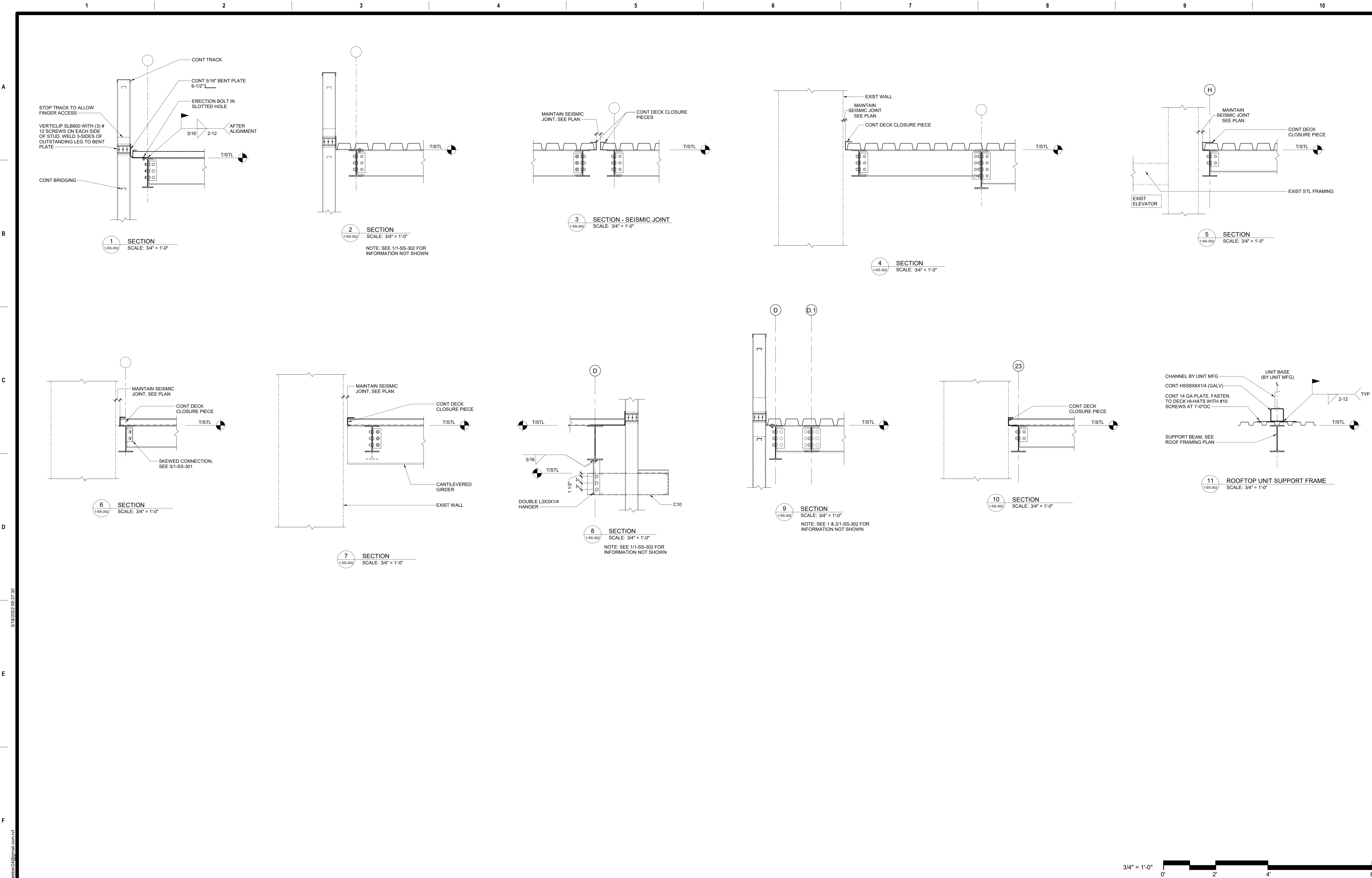
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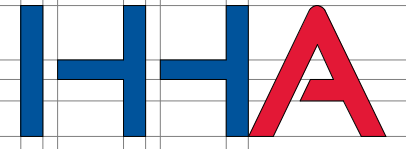
Drawing Title  
TYPICAL/ MISC. FRAMING SECTIONS AND  
DETAILS

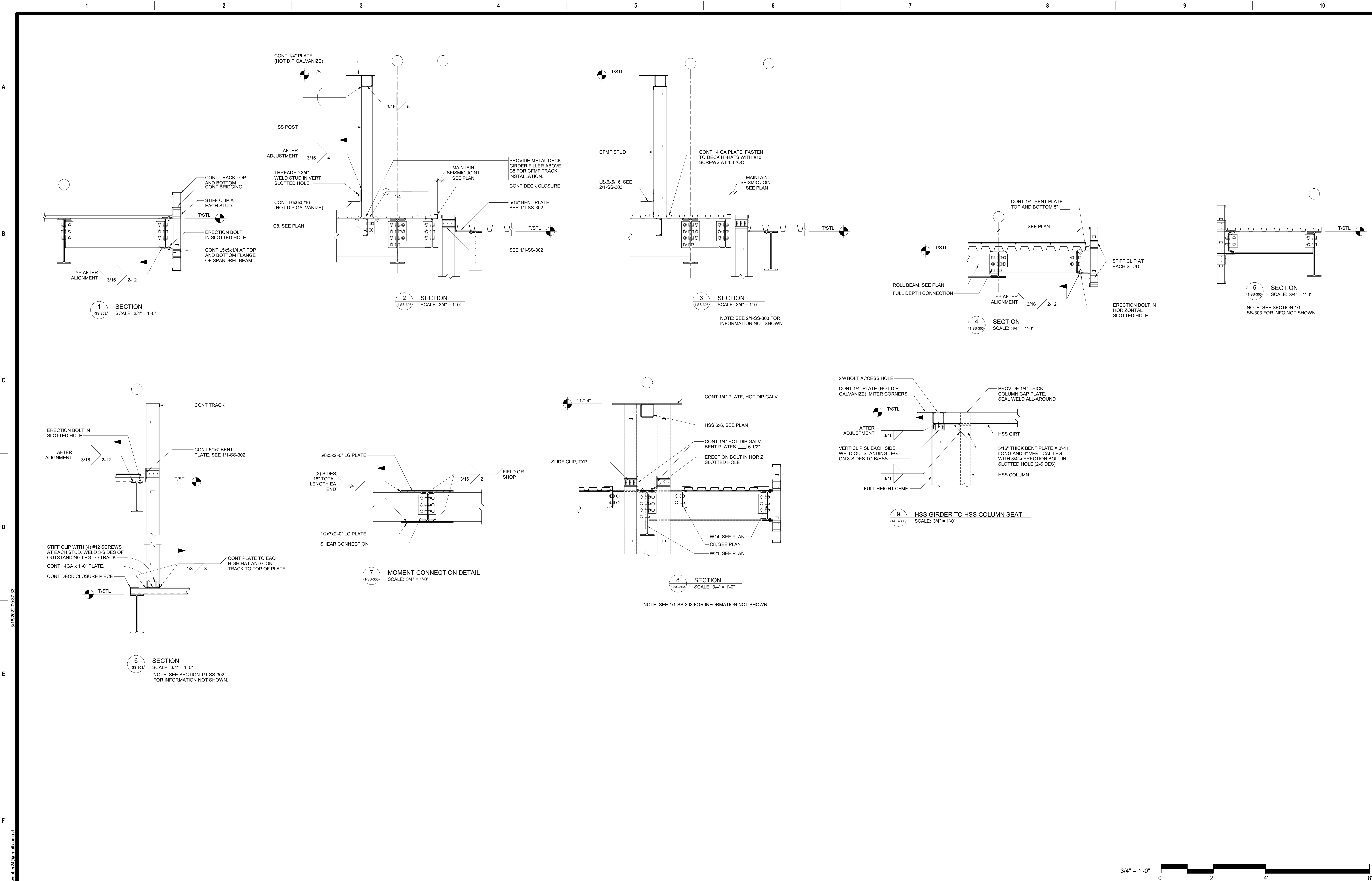
Approved:

Project Title <b>BUILD NEW EMERGENCY DEPARTMENT</b>		
Location <b>HOLLAND AVENUE, ALBANY, NY</b>		
Issue Date <b>March 18, 2022</b>	Checked <b>JP</b>	Drawn <b>ZW</b>

Project Number	528-809
Building Number	
Drawing Number	1-SS-301

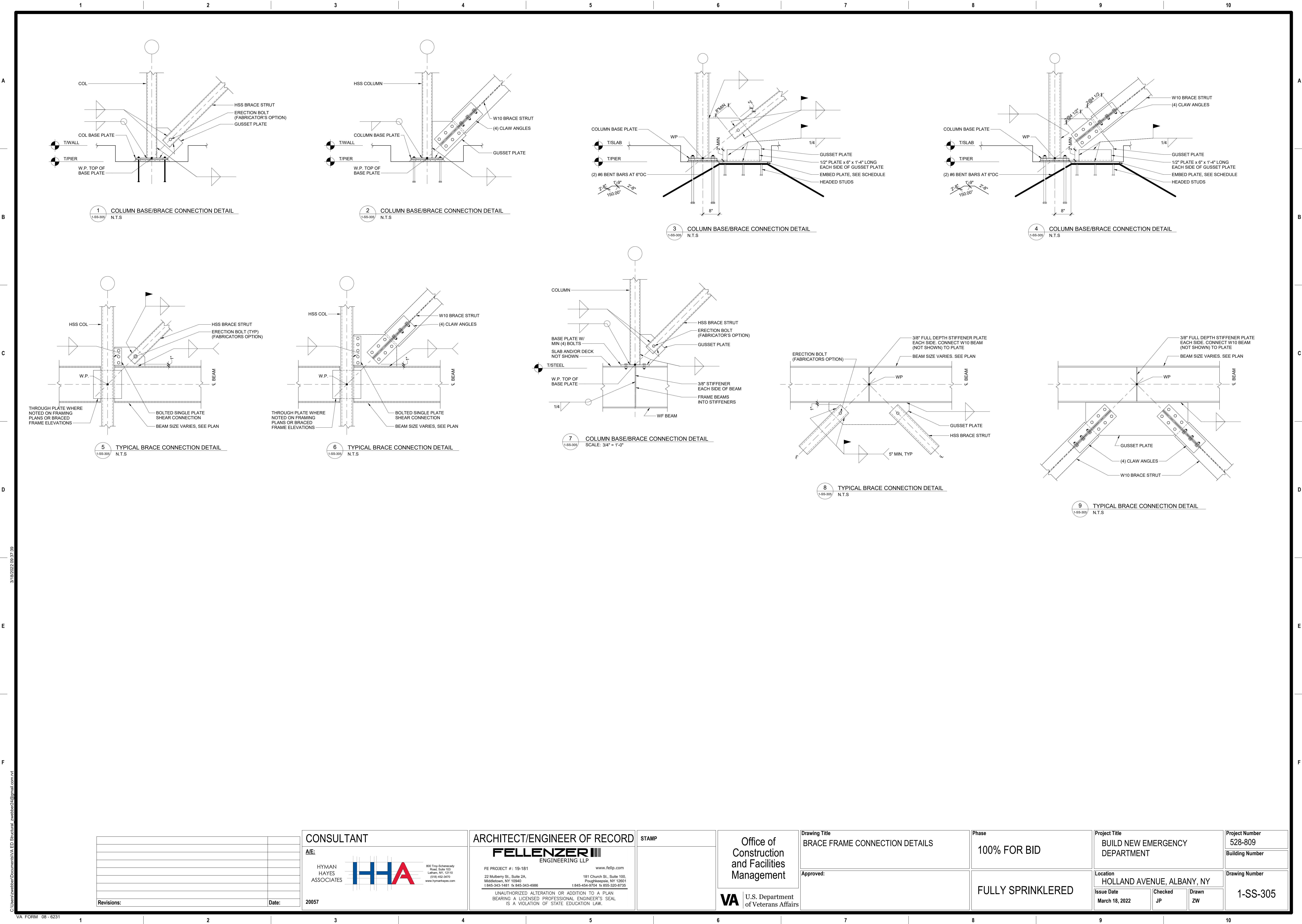


Revisions:		Date:	20057	<b>CONSULTANT</b> A/E: HYMAN HAYES ASSOCIATES  800 Troy Schenckedy Road, Suite 103 Latham, NY 12110 (518) 452-3470 www.hymanhayes.com	<b>ARCHITECT/ENGINEER OF RECORD</b> <b>FELLENZER III</b> ENGINEERING LLP FE PROJECT #: 19-181 www.fellp.com 22 Mulberry St., Suite 2A, Middletown, NY 10940 1 845-343-1481 fx 845-343-4986 181 Church St., Suite 100, Poughkeepsie, NY 12601 1 845-454-9704 fx 855-320-8735 UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.	STAMP		Office of Construction and Facilities Management  <b>VA</b> U.S. Department of Veterans Affairs	Drawing Title ROOF FRAMING DETAILS  Approved:		Phase 100% FOR BID  FULLY SPRINKLERED		Project Title BUILD NEW EMERGENCY DEPARTMENT  Location HOLLAND AVENUE, ALBANY, NY  Issue Date March 18, 2022		Checked JP		Drawn ZW		Project Number 528-809 Building Number  Drawing Number 1-SS-302	
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Revisions:		Date:		20057		CONSULTANT		ARCHITECT/ENGINEER OF RECORD		STAMP		Office of Construction and Facilities Management		Drawing Title		Phase		Project Title		Project Number	
						HYMAN HAYES ASSOCIATES		FELLENZER ENGINEERING LLP				U.S. Department of Veterans Affairs		MAIN ENTRANCE CANOPY AND LOBBY HIGH ROOF DETAILS		100% FOR BID		BUILD NEW EMERGENCY DEPARTMENT		528-809	
								FE PROJECT #: 19-181						Approved:		FULLY SPRINKLERED		HOLLAND AVENUE, ALBANY, NY		Building Number	
								22 Mulberry St., Suite 2A, Middletown, NY 13940								Issue Date		March 18, 2022		Checked	
								181 Church St., Suite 100, Poughkeepsie, NY 12601												Drawn	
								UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL IS A VIOLATION OF STATE EDUCATION LAW.												JP	
																				ZW	
																				1-SS-303	





Revisions:	Date:

CONSULTANT

A/E:

HYMAN  
HAYES  
ASSOCIATES

**HH**A

900 Troy Schenectady  
Road, Suite 103  
Latham, NY 12110  
(518) 452-3470  
www.hymanhayes.com

20057

ARCHITECT/ENGINEER OF RECORD

**FELLENZER** III  
ENGINEERING LLP

FE PROJECT #: 19-181 www.fellp.com

22 Mulberry St., Suite 2A, 181 Church St., Suite 100,  
Middletown, NY 13940 Poughkeepsie, NY 12601  
1 845-343-1481 fx 845-343-4986 1 845-454-9704 fx 855-320-8735

UNAUTHORIZED ALTERATION OR ADDITION TO A PLAN  
BEARING A LICENSED PROFESSIONAL ENGINEER'S SEAL  
IS A VIOLATION OF STATE EDUCATION LAW.

STAMP

Office of  
Construction  
and Facilities  
Management

**VA** U.S. Department  
of Veterans Affairs

Drawing Title  
BRACE FRAME CONNECTION DETAILS

Approved:

Phase  
100% FOR BID

FULLY SPRINKLERED

Project Title  
BUILD NEW EMERGENCY  
DEPARTMENT

Location  
HOLLAND AVENUE, ALBANY, NY

Issue Date  
March 18, 2022

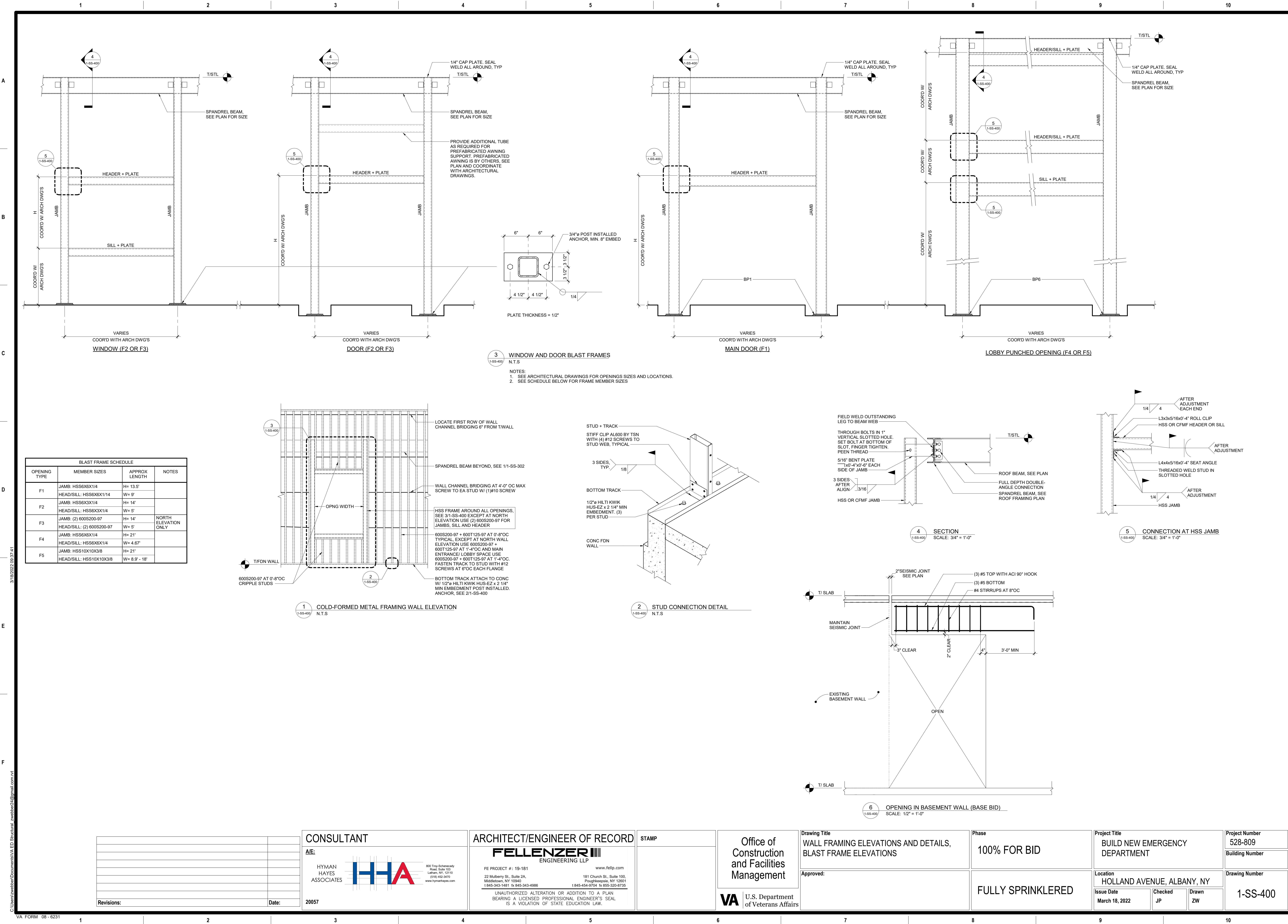
Checked  
JP

Drawn  
ZW

Project Number  
528-809

Building Number

Drawing Number  
1-SS-305



A

B

C

D

E

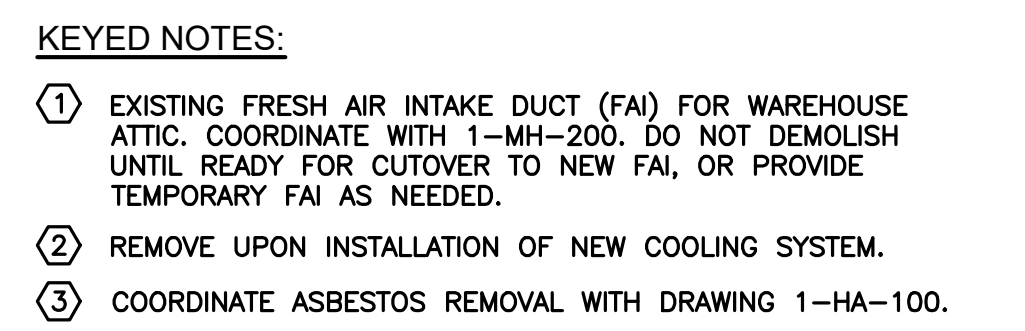
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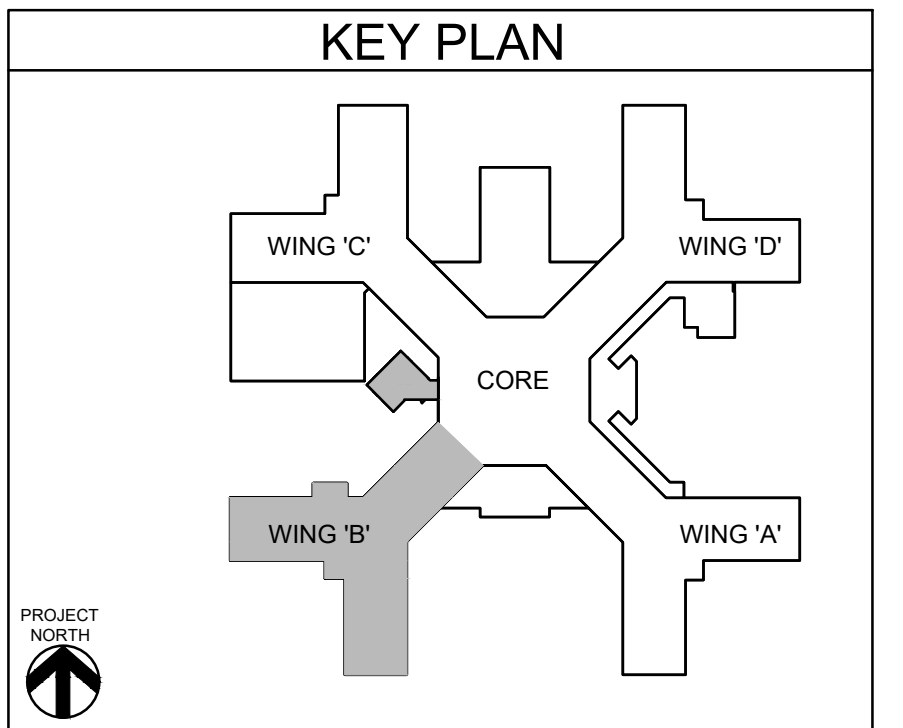
C:\Users\zweber\Documents\VA EEO Structural\_zweber24@gmail.com.rvt 3/18/2022 08:37:44

STRUCTURAL COLUMN SCHEDULE - BASE BID						
COLUMN LOCATION	TYPE	BASE PLATE MARK	Base Level	Top Level	APPROXIMATE LENGTH ±	COMMENTS
A-20	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
A-21	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
B-20	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
C-20	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
C-21	Pipe 6 Std	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
C-21	Pipe 6 Std	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
D-2	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
D-2.5	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
D-4	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
D-19.1	Pipe 6 Std	(none)	T/SLAB 1ST FLR	T/STL MAIN ROOF	13'-6"	POCKET BASEPLATE INTO TOP OF EXISTING FOUNDATION WALL
D-1.8	HSS 6X6X5/8	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5"	BASE OF COLUMN IS ATTACHED TO TOP OF W21. SEE DETAIL 11/S1-SS-301
D-1.11	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 3/4"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-1.12	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5"	BRACED FRAME
D-1.14	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	12'-9"	BRACED FRAME
D-1.15	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	12'-9"	BRACED FRAME
D-1.16	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 3/4"	BRACED FRAME
D-1.16	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 3/4"	BRACED FRAME
D-1.18	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 3/4"	BRACED FRAME
D-1.19	HSS 5X5X5/16	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
D-2.22	Pipe 6 Std	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
D-2.23	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
D-3.5	HSS 6X6X1/2	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-7"	BASE OF COLUMN IS ATTACHED TO TOP OF W21. SEE DETAIL 11/S1-SS-301
D-3.5	HSS 6X6X1/2	BP2	T/SLAB CRAWL SPACE	T/STL 1ST FLR	5'-0 1/2"	ATTACH TOP OF COLUMN TO BOTTOM OF W21. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-3.8	HSS 6X6X1/2	BP2	T/SLAB CRAWL SPACE	T/STL 1ST FLR	5'-0 3/4"	ATTACH TOP OF COLUMN TO BOTTOM OF W21. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-3.9	HSS 6X6X1/2	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 3/4"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-3.9	HSS 6X6X1/2	BP2	T/SLAB CRAWL SPACE	T/STL 1ST FLR	4'-10"	ATTACH TOP OF COLUMN TO BOTTOM OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305.
D-5.2	HSS 4X4X3/8	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5"	
D-8.16	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
E-9	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
E-12	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
E-18	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
E-19	HSS 5X5X5/16	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-5"	
E-22	Pipe 6 Std	(none)	T/SLAB 1ST FLR	T/STL MAIN ROOF	13'-6"	POCKET BASEPLATE INTO TOP OF EXISTING FOUNDATION WALL
F-5	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
F-3.23	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
F-4.23	HSS 6X6X1/2	(none)	T/SLAB 1ST FLR	T/STL MAIN ROOF	13'-6"	POCKET BASEPLATE INTO TOP OF EXISTING FOUNDATION WALL
G-2	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
G-4	HSS 6X6X5/8	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-5"	
G-5	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	12'-6"	
G-8	HSS 5X5X5/16	BP1	T/SLAB BASEMENT	T/STL 1ST FLR	10'-0 1/4 1/4"	ATTACH TOP OF COLUMN TO BOTTOM OF W16. SEE DETAIL 10/1-SS-301
G-8	HSS 6X6X1/2	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5"	BASE OF COLUMN IS ATTACHED TO TOP OF W16. SEE DETAIL 10/1-SS-301
G-9	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
G-12	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
G-14	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
G-15	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
G-16	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
G-18	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
G-18	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
H-9	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	10'-8"	ATTACH TOP OF COLUMN TO BOTTOM OF W18. SEE DETAIL 10/1-SS-301
H-9	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-7 1/4"	BASE OF COLUMN IS ATTACHED TO TOP OF W18. SEE DETAIL 11/S1-SS-301
H-12	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5"	
H-14	HSS 6X6X1/2	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
H-15	HSS 5X5X5/16	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
H-16.1	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
H-3.13	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	11'-1 3/4"	
H-7.16.1	HSS 5X5X5/16	BP4	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
H-7.16.1	HSS 5X5X5/16	BP4	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
H-7.17	HSS 5X5X5/16	BP4	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
H-8.1	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	17'-9"	
H-8.1.8	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	14'-5"	
J-2	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
J-2.4	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
J-4	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-5"	
J-8	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	10'-9 1/4"	ATTACH TOP OF COLUMN TO BOTTOM OF W21. SEE DETAIL 10/1-SS-301
J-8	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5"	BASE OF COLUMN IS ATTACHED TO TOP OF W21. SEE DETAIL 11/S1-SS-301
K-2	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
K-4	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL MAIN ROOF	26'-5"	
K-8	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	
K-5.1	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	17'-9"	
K-5.1.8	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	14'-5"	
L-2	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
L-4	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
L-8	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	
L-8	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
M-2	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
M-3	HSS 6X6X5/8	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	BRACED FRAME
M-3	HSS 6X6X5/8	BP2	T/STL LOBBY HI ROOF	T/STL MAIN ROOF	21'-5"	BRACED FRAME
M-4	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-5"	
M-6	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	BRACED FRAME
M-10	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	BRACED FRAME
N-3	HSS 6X6X1/2	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
N-4	HSS 5X5X5/16	BP2	T/STL LOBBY HI ROOF	T/STL MAIN ROOF	21'-5"	
P-7	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
P-7	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
P-10	HSS 6X6X1/2	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
Q-4	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	27'-4 3/4"	
Q-6	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
R-6	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
R-7	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
S-10	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL WALK-IN CANOPY	11'-11 3/4"	

STRUCTURAL COLUMN SCHEDULE - DEDUCT ALTERNATE (CRAWL SPACE)						
COLUMN LOCATION	TYPE	BASE PLATE MARK	Base Level	Top Level	APPROXIMATE LENGTH ±	COMMENTS
A-20	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
A-21	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
B-20	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
B-21	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
C-20	Pipe 6 Std	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
C-21	Pipe 6 Std	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
D-2	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
D-2.5	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
D-4	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
D-19.1	Pipe 6 Std	(none)	T/SLAB 1ST FLR	T/STL MAIN ROOF	13'-6"	POCKET BASEPLATE INTO TOP OF EXISTING FOUNDATION WALL
D-1.8	HSS 6X6X5/8	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	BASE OF COLUMN IS ATTACHED TO TOP OF W21. SEE DETAIL 11/S1-SS-301
D-1.11	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 13/16"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-1.12	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	BRACED FRAME
D-1.14	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	12'-9"	BRACED FRAME
D-1.15	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	12'-9"	BRACED FRAME
D-1.16	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 13/16"	BRACED FRAME
D-1.18	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 13/16"	BRACED FRAME
D-1.19	HSS 5X5X5/16	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
D-2.22	Pipe 6 Std	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
D-2.23	HSS 6X6X1/2	(none)	T/STL EXIST WAREHOUSE	T/STL MAIN ROOF	14'-3 1/2"	SEE DETAIL 2/S1-SS-202
D-3.5	HSS 6X6X1/2	BP2	T/SLAB CRAWL SPACE	T/STL 1ST FLR	5'-0 3/8"	ATTACH TOP OF COLUMN TO BOTTOM OF W21. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-3.5	HSS 6X6X1/2	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-7 1/8"	BASE OF COLUMN IS ATTACHED TO TOP OF W21. SEE DETAIL 11/S1-SS-301
D-3.8	HSS 6X6X1/2	(none)	T/SLAB CRAWL SPACE	T/STL 1ST FLR	5'-0 13/16"	ATTACH TOP OF COLUMN TO BOTTOM OF W21. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-3.9	HSS 6X6X1/2	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-10 13/16"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
D-3.9	HSS 6X6X1/2	BP2	T/SLAB CRAWL SPACE	T/STL 1ST FLR	4'-9 7/8"	ATTACH TOP OF COLUMN TO BOTTOM OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305.
D-5.2	HSS 4X4X3/8	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	
D-8.16	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
E-9	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
E-12	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
E-18	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
E-19	HSS 5X5X5/16	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-5"	
E-22	Pipe 6 Std	(none)	T/SLAB 1ST FLR	T/STL MAIN ROOF	13'-6"	POCKET BASEPLATE INTO TOP OF EXISTING FOUNDATION WALL
F-5	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BASE OF COLUMN IS ATTACHED TO TOP OF W24. BRACED FRAME, SEE DETAIL 7/1-SS-305
F-3.23	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
F-4.23	HSS 6X6X1/2	(none)	T/SLAB 1ST FLR	T/STL MAIN ROOF	13'-6"	POCKET BASEPLATE INTO TOP OF EXISTING FOUNDATION WALL
G-2	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
G-4	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL MAIN ROOF	19'-1 1/4"	
G-5	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL 1ST FLR	6'-0"	
G-16	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL 1ST FLR	4'-8 9/16"	ATTACH TOP OF COLUMN TO BOTTOM OF W16. SEE DETAIL 10/1-SS-301
G-8	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	BASE OF COLUMN IS ATTACHED TO TOP OF W16. SEE DETAIL 10/1-SS-301
G-9	HSS 5X5X5/16	BP2	T/SLAB CRAWL SPACE	T/STL MAIN ROOF	19'-7"	
G-12	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
G-14	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
G-15	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
G-16	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
G-18	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
G-4.23	HSS 5X5X5/16	BP5	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
H-9	HSS 5X5X5/16	BP2	T/SLAB CRAWL SPACE	T/STL 1ST FLR	4'-2 1/8"	ATTACH TOP OF COLUMN TO BOTTOM OF W18. SEE DETAIL 10/1-SS-301
H-9	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BASE OF COLUMN IS ATTACHED TO TOP OF W18. SEE DETAIL 11/S1-SS-301
H-12	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	
H-14	HSS 6X6X1/2	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
H-15	HSS 5X5X5/16	BP5	T/SLAB BASEMENT	T/STL MAIN ROOF	26'-1"	
H-16.1	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
H-3.13	HSS 5X5X5/16	BP2	T/SLAB BASEMENT	T/STL 1ST FLR	11'-1 13/16"	
H-7.13.9	HSS 5X5X5/16	BP4	T/SLAB BASEMENT	T/STL 1ST FLR	12'-2"	
H-7.16.1	HSS 5X5X5/16	BP4	T/STL 1ST FLR	T/STL MAIN ROOF	12'-11"	
H-7.17	HSS 5X5X5/16	BP4	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
H-8.1	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	17'-9"	
H-8.1.8	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	14'-6"	
J-2	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
J-2.4	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
J-8	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL MAIN ROOF	19'-11"	
J-8	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL 1ST FLR	4'-3 5/16"	ATTACH TOP OF COLUMN TO BOTTOM OF W21. SEE DETAIL 10/1-SS-301
J-8	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	BASE OF COLUMN IS ATTACHED TO TOP OF W21. SEE DETAIL 11/S1-SS-301
K-2	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
K-4	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL MAIN ROOF	19'-11"	
K-8	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	
K-5.1	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	17'-9"	
K-5.1.8	W12x72	BP3	T/STL 1ST FLR	T/STL AMBULANCE CANOPY	14'-5"	
L-2	HSS 5X5X5/16	BP1	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	
L-4	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL MAIN ROOF	19'-11"	
L-8	HSS 5X5X5/16	(none)	T/STL 1ST FLR	T/STL MAIN ROOF	12'-5 1/8"	
L-5.6	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
M-2	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL MAIN ROOF	13'-11"	BRACED FRAME
M-3	HSS 6X6X5/8	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	BRACED FRAME
M-4	HSS 5X5X5/16	(none)	T/SLAB CRAWL SPACE	T/STL MAIN ROOF	19'-11"	
M-6	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	BRACED FRAME
M-10	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	BRACED FRAME
N-3	HSS 6X6X1/2	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
P-7	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
P-7	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
P-10	HSS 6X6X1/2	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
Q-4	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	27'-4 3/4"	
Q-6	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
L-6	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
R-7	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL LOBBY HI ROOF	21'-5"	
S-10	HSS 5X5X5/16	BP2	T/STL 1ST FLR	T/STL WALK-IN CANOPY	11'-11 13/16"	



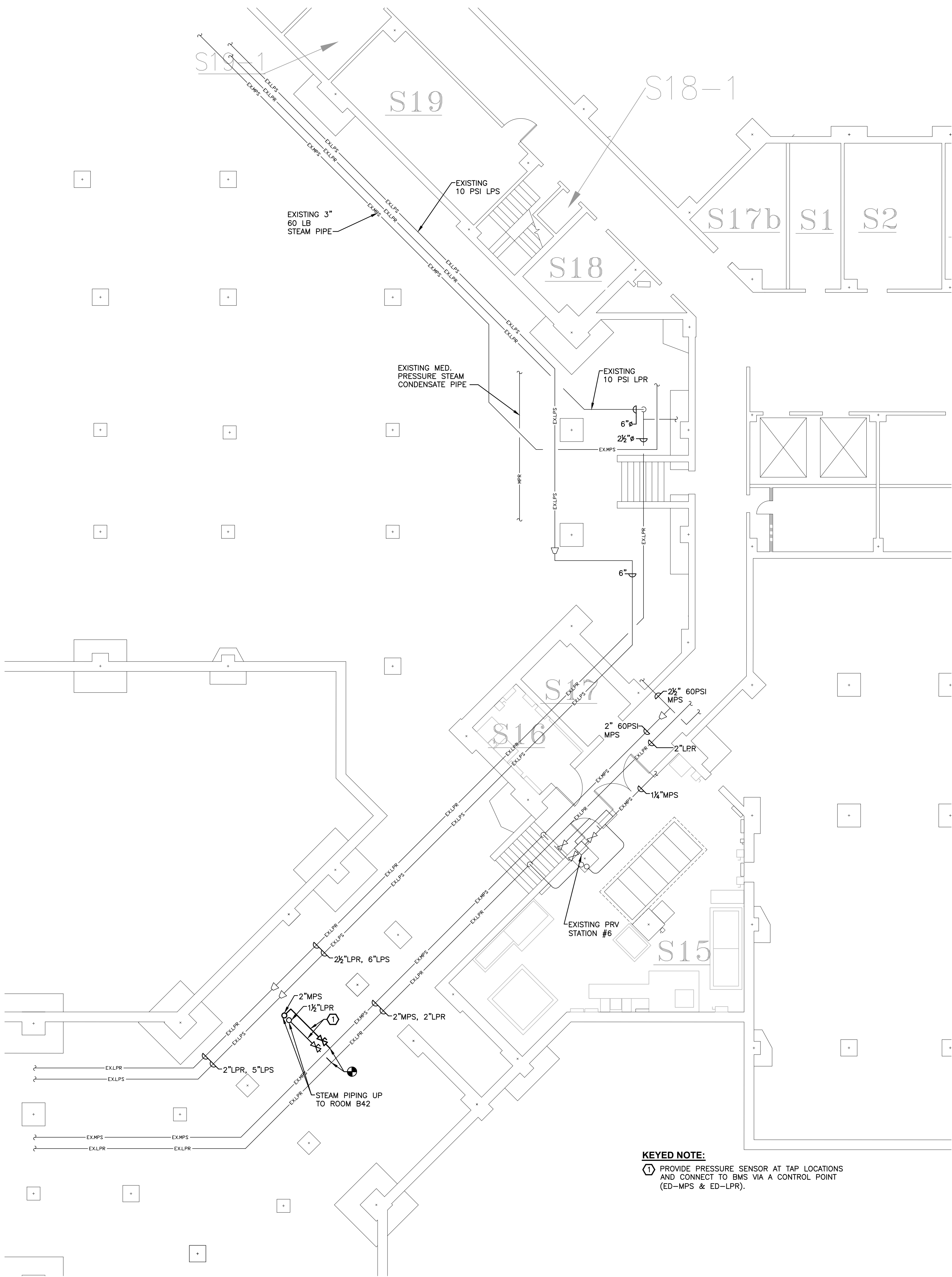
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1 MECHANICAL: FIRST FLOOR DEMOLITION PLAN  
SCALE: 1/8"=1'-0"

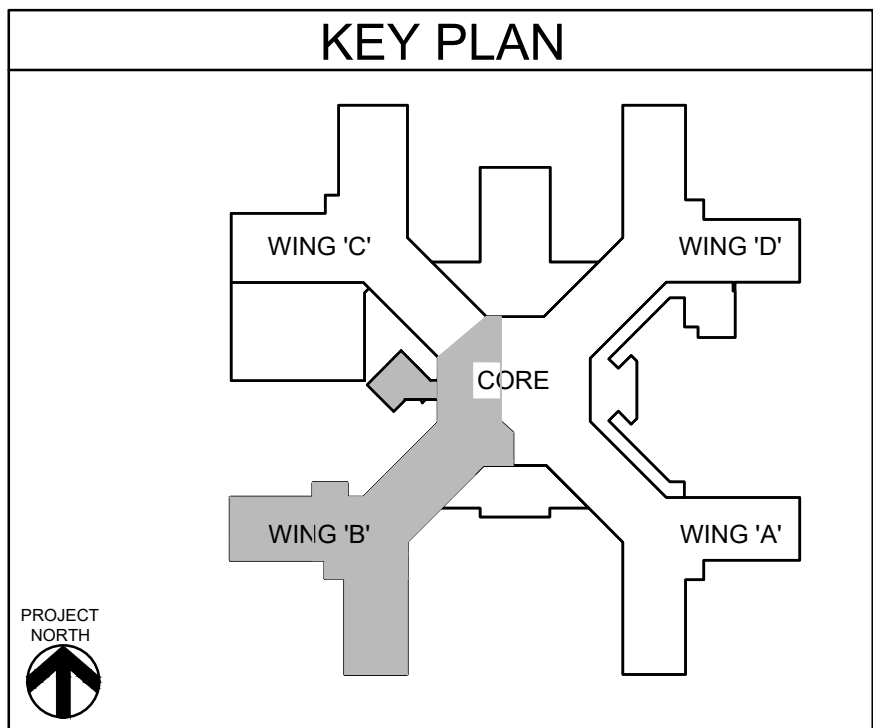
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F:\2019\19-181 VA STRATTON, NEW EMERGENCY DEPT\HVAC\1-MH-100SB.dwg 3-18-22 11:48:54 AM oh 6/14/2025 12:36:03 PM



**GENERAL NOTE:**  
1. ALL PIPE LABELING FOR NEW PIPING SHALL INCLUDE "ED" DESIGNATION ON THE LABEL.

**1 MECHANICAL: SUB-BASEMENT LEVEL STEAM PIPING PLAN**  
SCALE: 1/8"=1'-0"

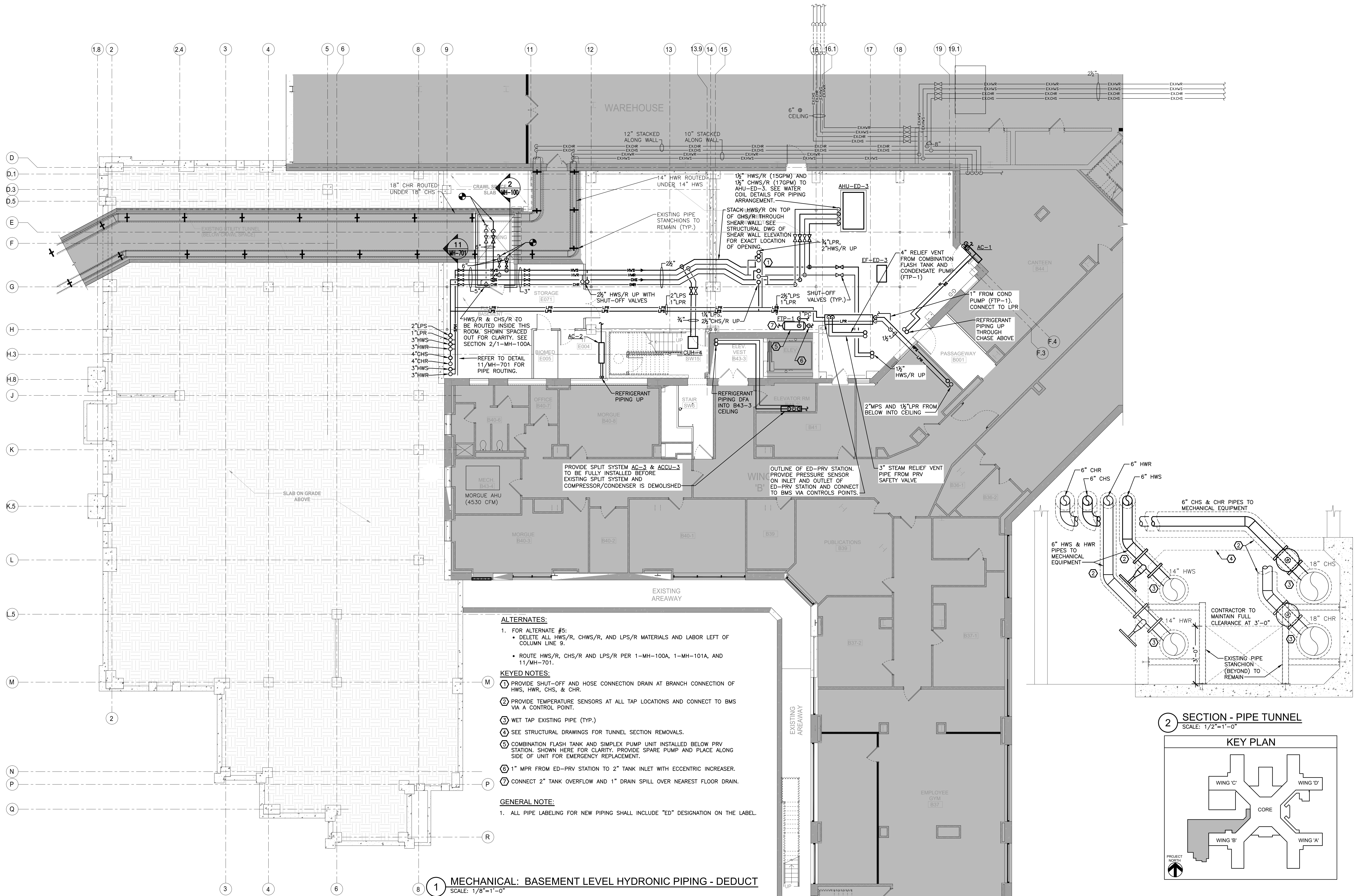


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VA FORM 08-6231

F:\2019\19-181 VA STRATTON, NEW EMERGENCY DEPT\HVAC\1-MH-100B (SLAB OPTION).dwg 3-18-22 11:49:27 AM oh

6/14/2020 12:38:03 PM



**ALTERNATES:**

- FOR ALTERNATE #5:
  - DELETE ALL HWS/R, CHWS/R, AND LPS/R MATERIALS AND LABOR LEFT OF COLUMN LINE 9.
  - ROUTE HWS/R, CHWS/R AND LPS/R PER 1-MH-100A, 1-MH-101A, AND 11/MH-701.

**KEYED NOTES:**

- PROVIDE SHUT-OFF AND HOSE CONNECTION DRAIN AT BRANCH CONNECTION OF HWS, HWR, CHS, & CHR.
- PROVIDE TEMPERATURE SENSORS AT ALL TAP LOCATIONS AND CONNECT TO BMS VIA A CONTROL POINT.
- WET TAP EXISTING PIPE (TYP.)
- SEE STRUCTURAL DRAWINGS FOR TUNNEL SECTION REMOVALS.
- COMBINATION FLASH TANK AND SIMPLEX PUMP UNIT INSTALLED BELOW PRV STATION. SHOWN HERE FOR CLARITY. PROVIDE SPARE PUMP AND PLACE ALONG SIDE OF UNIT FOR EMERGENCY REPLACEMENT.
- 1" MPR FROM ED-PRV STATION TO 2" TANK INLET WITH ECCENTRIC INCREASER.
- CONNECT 2" TANK OVERFLOW AND 1" DRAIN SPILL OVER NEAREST FLOOR DRAIN.

**GENERAL NOTE:**

- ALL PIPE LABELING FOR NEW PIPING SHALL INCLUDE "ED" DESIGNATION ON THE LABEL.

Revisions:	Date:

CONSULTANT
HYMAN HAYES ASSOCIATES
<b>H-HA</b>
800 TROY SCHNEIDER ROAD, STE 103 LATHAM, NY 12110 (518) 452-2470 www.hymanhayes.com

ARCHITECT/ENGINEER OF RECORD
<b>FELLENZER III</b> ENGINEERING LLP
FE PROJECT NO: 19-181
22 Mulberry St., Suite 2A, Middletown, NY 10940 1 845-343-1481; fx 855-320-8735
181 Church St., Suite 100, Poughkeepsie, NY 12601 1 845-454-9704; fx 855-320-8735

STAMP
JOHN D. FELLENER, P.E.
NY PROFESSIONAL ENGINEER NO. 069373-1

Office of Construction and Facilities Management
<b>VA</b> U.S. Department of Veterans Affairs

Drawing Title <b>MECHANICAL: BASEMENT FLOOR HYDRONIC PIPING - DEDUCT ALTERNATE 5 (SLAB ON GRADE)</b>
Approved: Project Director

Phase 100% FOR BID
FULLY SPRINKLERED

Project Title STRATTON VA MEDICAL CENTER NEW EMERGENCY DEPARTMENT
Location ALBANY, NY
Issue Date MARCH 18, 2022
Checked JDF
Drawn SRB

Project Number 528-809
Building Number 1
Drawing Number <b>1-MH-100B</b>

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