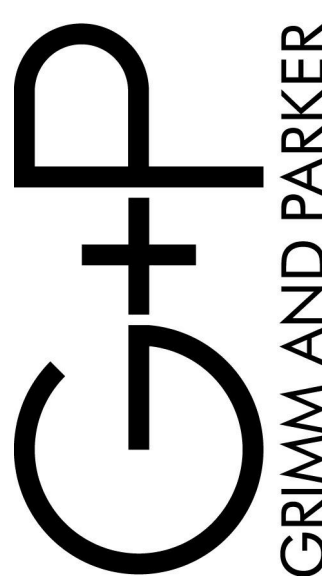


1 FIRST FLOOR PLAN
1/8" = 1'-0"

8609 Westwood Center Drive
Suite 425
Tysons, VA 22182
Tel: 703.903.9100
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GP #21707

SLAB PLAN
STERLING COMMUNITY CENTER
120 Enterprise St, Sterling, VA 20164

DATE	DESCRIPTION
9.18.19	ADDENDUM 4

A110
4.29.2019
BID DOCUMENTS
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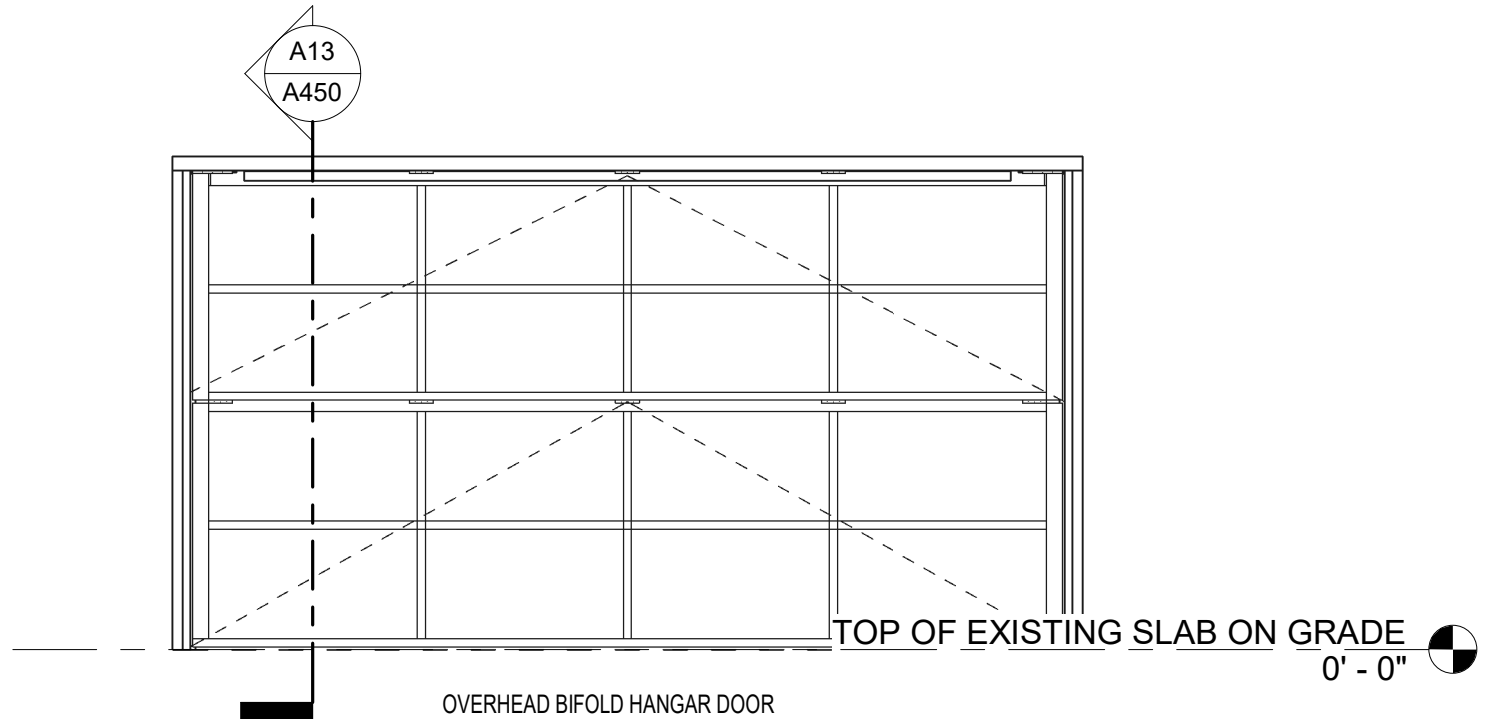
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C

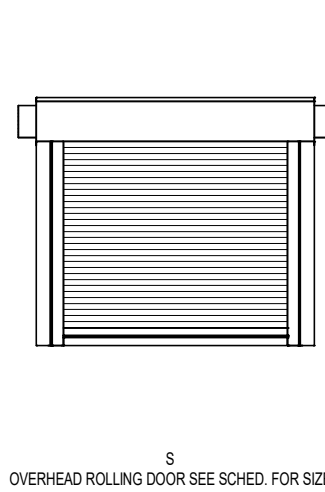
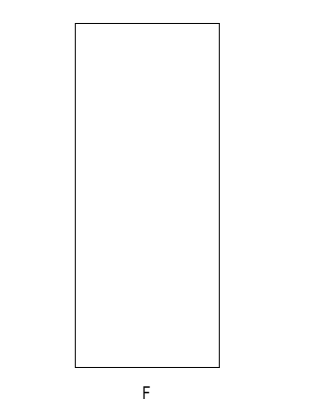
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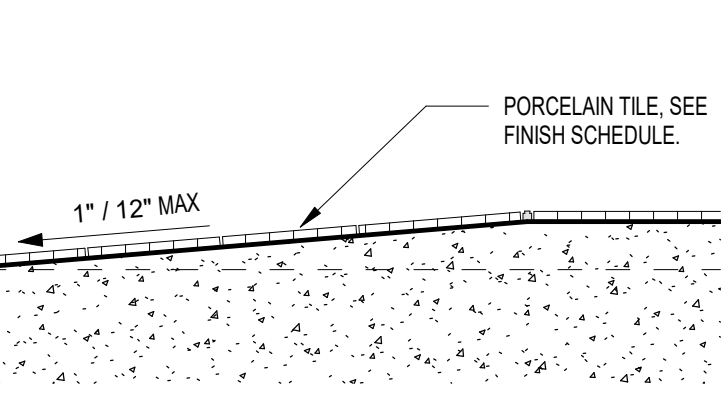
DOOR SCHEDULE														
DOOR NO.	ROOM NAME	DOOR			TYPE	MAT'L	TYPE	MAT'L	FRAME			DOOR LABEL FIRE RATING	HARD. SET	REMARKS
		NOMINAL SIZE							SECTIONS					
		WIDTH	HEIGHT	THK.					JAMB	HEAD	SILL			
100	VESTIBULE	6'-0"	8'-0"	1 3/4"	FG	ALUM	SF3	ALUM	J1/J2	H2	NONE	422	1,4,13	
102	FITNESS	6'-0"	8'-0"	1 3/4"	FG	ALUM	SF3	ALUM	J1/J2	H1	S4	441	1,2	
103	RECEPTION	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	SE	815	1,22	
104	COUNSELING	3'-0"	7'-0"	1 3/4"	HG	SCWD	HM2	HM	J5	H5	NONE	810		
105	ADMIN GROUP OFFICE	3'-0"	7'-0"	1 3/4"	FG	SCWD	HM2	HM	J5	H5	NONE	815	1,22	
105A	STORAGE	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	810		
106B	SAFE	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	810		
106C	ELEC CLOSET	5'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	823		
106	OFFICE	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	510		
107	OFFICE	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	510		
110	WOMEN	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	210	1,13	
111	MEN	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	210	1,13	
112	VESTIBULE	3'-0"	8'-0"	1 3/4"	FG	ALUM	SF17	ALUM	J2	H2	NONE	412	4,13	
113	CLASSROOM	3'-0"	8'-0"	1 3/4"	FG	ALUM	SF34	ALUM	J1/J2	H2	SS	411		
114	CLASSROOM	3'-0"	8'-0"	1 3/4"	FG	ALUM	SF34	ALUM	J1/J2	H2	SS	411		
115	MULTIPURPOSE 1	3'-0"	8'-0"	1 3/4"	FG	ALUM	SF34	ALUM	J1/J2	H2	SS	413	1,2	
116	MULTIPURPOSE 2	3'-0"	8'-0"	1 3/4"	FG	ALUM	SF34	ALUM	J1/J2	H2	SS	413	1,2	
117	KITCHEN	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	712	1,8	
117.1	KITCHEN	4'-8"	4'-0"	1 3/4"	SG	ALUM	SF34	ALUM	K2	L5	KS	400	20	
118.1	ART / MAKER	3'-0"	8'-0"	1 3/4"	SG	ALUM	SF24	ALUM	J1/J2	H2	SS	411		
118.2	ART / MAKER	3'-0"	8'-0"	1 3/4"	FG	ALUM	SF24	ALUM	J1/J2	H2	NONE	414	1	
118.3	ART / MAKER	6'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	820		
119	CHAIR STORAGE	6'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	SE	821		
120	HOUSEKEEPING	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	SS	810	14	
121	COMPUTER	3'-0"	8'-0"	1 3/4"	FG	ALUM	SF38	ALUM	J1/J2	H2	SS	414	1	
125	WOMEN	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	210	1,13	
125A	W. SHOWER	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	112	9	
126	MEN	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	210	1,13	
126A	M. SHOWER	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	NONE	112	9	
127	GAME	6'-0"	8'-0"	1 3/4"	FG	ALUM	SF30	ALUM	J1/J2	H2	SS	441	1,2	
128	DATA	3'-0"	7'-0"	1 3/4"	F	SCWD	HM2	HM	J5	H5	SE	815	1,22	
128A	PUMP	3'-0"	7'-0"	1 3/4"	F	HM	HM2	HM	J5	H5	NONE	811		
130	VESTIBULE	6'-0"	7'-10"	1 3/4"	FG	ALUM	SF16	ALUM	J1	H1	NONE	423	1,4,13	
131	GYMNASIUM	6'-0"	8'-0"	1 3/4"	FG	SCWD	HM3	HM	J2	H1	S2	324	1,2,8	
131.1	GYMNASIUM	6'-0"	8'-0"	1 3/4"	FG	SCWD	HM3	HM	J2	H1	S2	324	1,2,8	
132	OWN STORAGE	7'-0"	11'-0"	1 3/4"	F	SCWD	HM2	HM	J6	H6	S2	821		
X100	VESTIBULE	6'-0"	8'-0"	1 3/4"	FG	ALUM	SF1	ALUM	J1	H1	J8-455	442	1,2,4,7,22	
X112	VESTIBULE	6'-0"	8'-0"	1 3/4"	FG	ALUM	SF18	ALUM	J6/A460	H6/A460	S100	432	2,4,7,22	
X117	KITCHEN	3'-0"	8'-0"	1 3/4"	HG	HM	HM2	HM	J6/A460	H6/A460	S100	612	1,7,23	
X127.1	GAME	3'-0"	8'-0"	1 3/4"	FG	AL	SF19	AL	J6/A460	H6/A460	S100	416	1,7,21,23	
X127.2	GAME	3'-0"	8'-0"	1 3/4"	HG	HM	HM2	HM	J6/A460	H6/A460	S100	312	1,3,7,8,23	
X129	ELEC	3'-0"	7'-0"	1 3/4"	F	HM	HM1	HM	J6/A460	H6/A460	S100	317	1,3,7,8,23	
X130	VESTIBULE	6'-0"	8'-0"	1 3/4"	FG	ALUM	SF14	ALUM	J1	H1	F12/A458	443	1,2,4,7,22	
X132	GAME	18'-5 3/4"	2'-0"	1 1/2"	F	HM	HM1	HM	F12/A459	A12/A459		402	25	
X133	FIRE PUMP	3'-0"	7'-0"	1 3/4"	F	HM	HM1	HM	F18/A459	F18/A459	S100	818	1,7,8,23	
X136	GYMNASIUM	6'-0"	7'-0"	1 3/4"	FG	ALUM	CH3	ALUM	F13/A461 & F5/A503	H1	D7/A461	444	1,2,7,23	



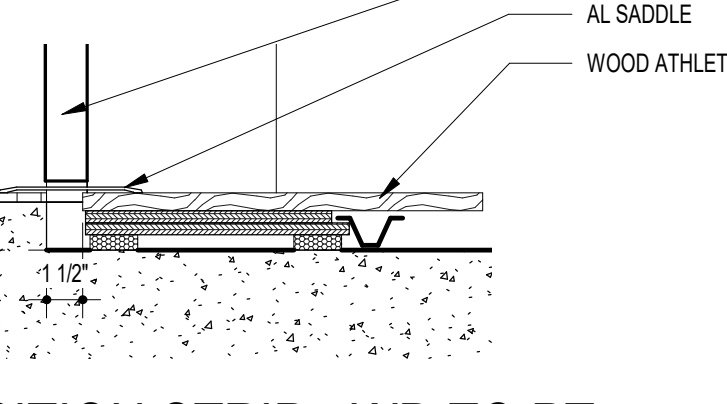
NOTE: (UNLESS OTHERWISE NOTED)
1. ALL GLASS IN EXTERIOR DOORS TO BE G-3
2. ALL GLASS IN INTERIOR DOORS TO BE G-1



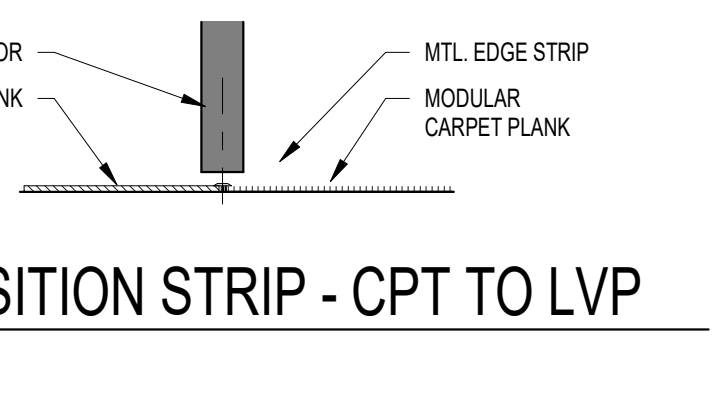
OVERHEAD ROLLING DOOR SEE SCHED FOR SIZE



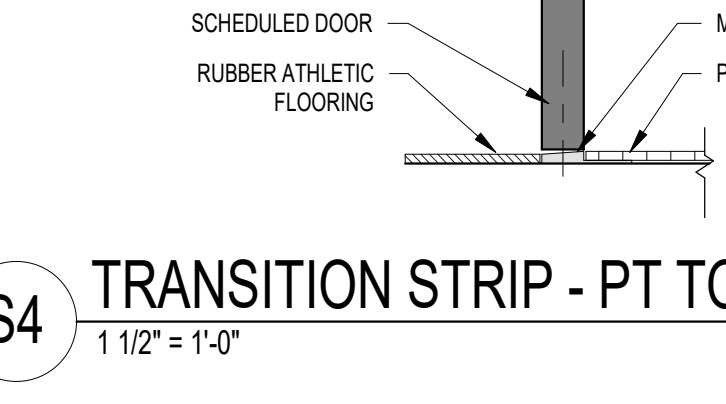
S1 TRANSITION STRIP - PT TO RAMP
1 1/2" = 1'-0"



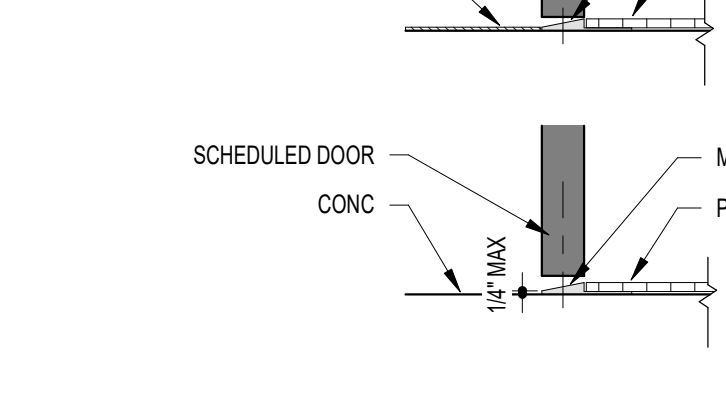
S2 TRANSITION STRIP - WD TO PT
1 1/2" = 1'-0"



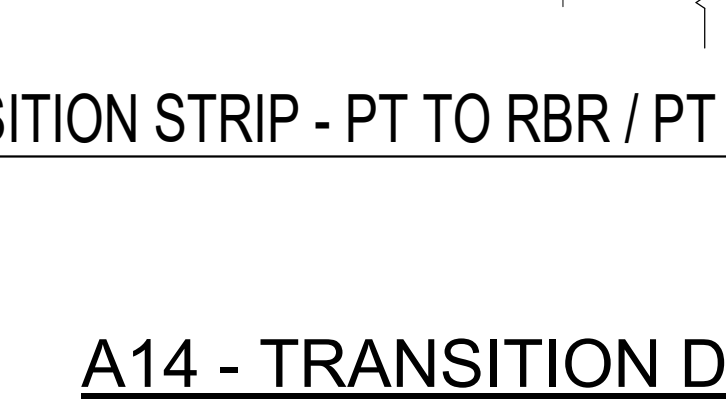
S3 TRANSITION STRIP - CPT TO LVP
1 1/2" = 1'-0"



S4 TRANSITION STRIP - PT TO RBR3 / RBR4
1 1/2" = 1'-0"



S5 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"



S6 TRANSITION STRIP - PT TO CPT / PT TO FM
1 1/2" = 1'-0"

S7 SHOWER SILL DETAIL
1 1/2" = 1'-0"

S8 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

S9 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

S10 EXTERIOR DOOR SILL
1 1/2" = 1'-0"

S11 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

S12 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

S13 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
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S14 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
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S75 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
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S76 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

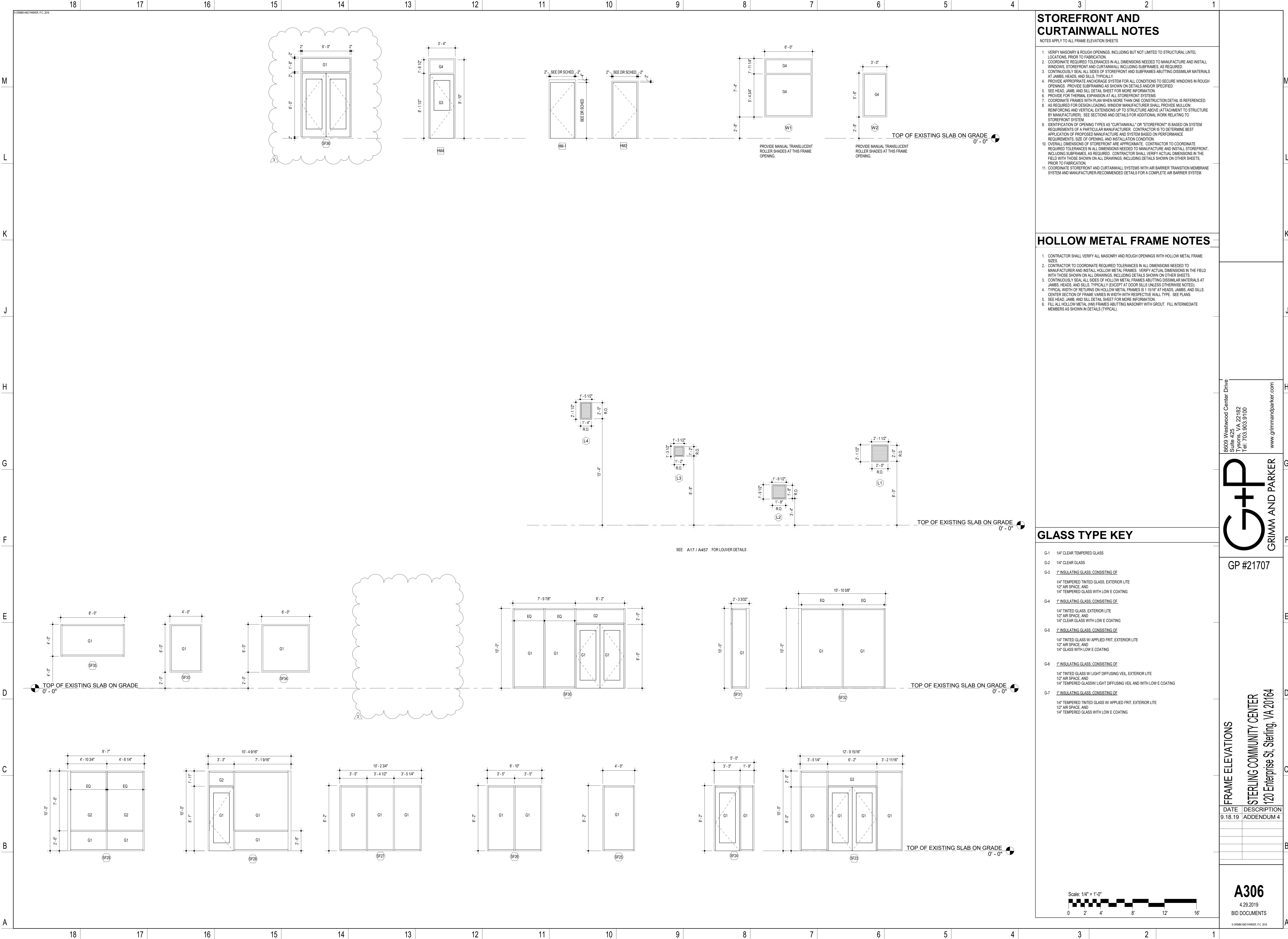
S77 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

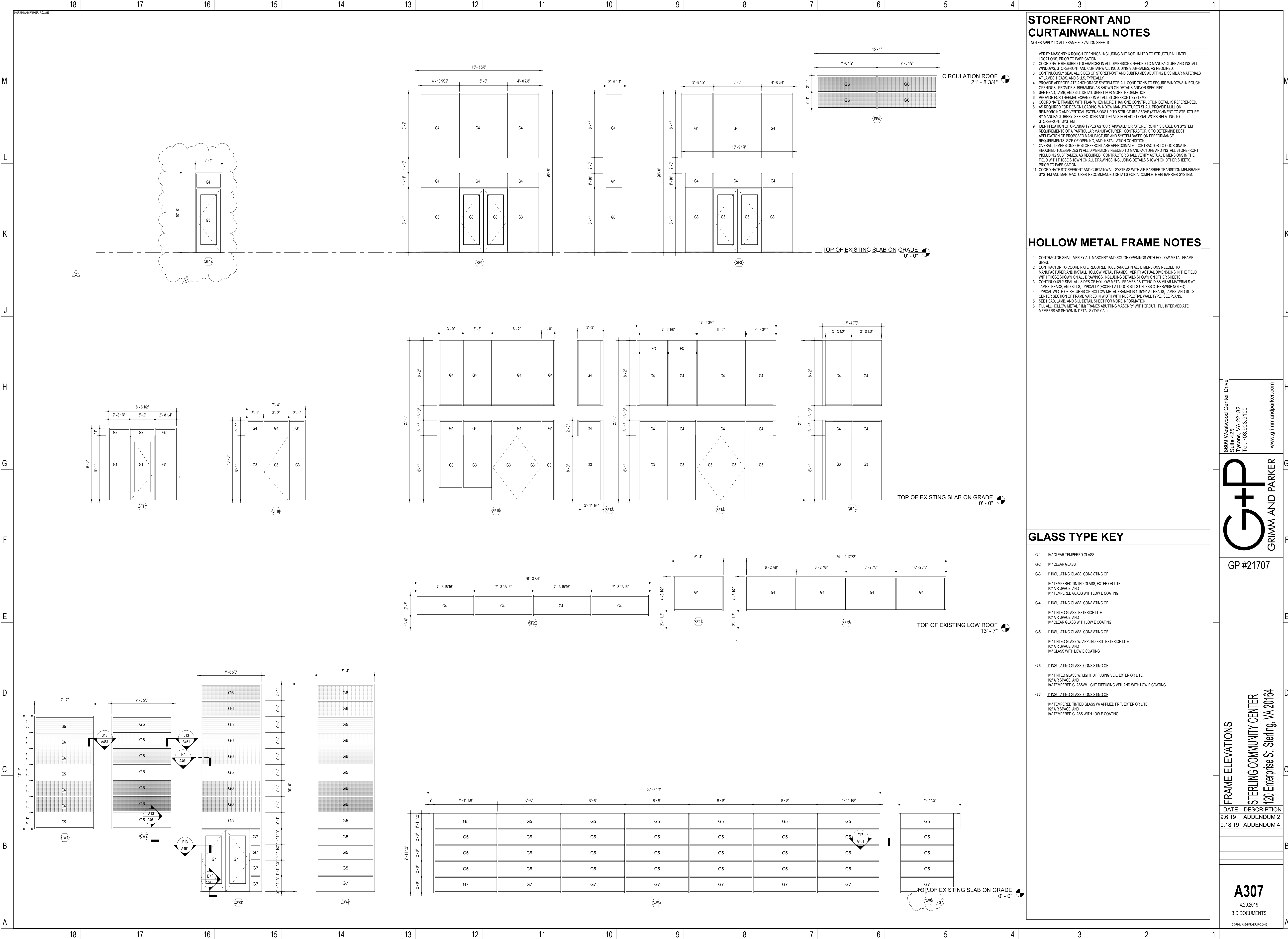
S78 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

S79 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

S80 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2" = 1'-0"

S81 TRANSITION STRIP - PT TO RBR / PT TO CONC / PT TO LVP
1 1/2"





STOREFRONT AND CURTAINWALL NOTES

NOTES APPLY TO ALL FRAME ELEVATION SHEETS

1. VERIFY MASONRY & ROUGH OPENINGS, INCLUDING BUT NOT LIMITED TO STRUCTURAL LINTEL LOCATIONS, PRIOR TO FABRICATION.
2. COORDINATE REQUIRED TOLERANCES IN ALL DIMENSIONS NEEDED TO MANUFACTURE AND INSTALL WINDOWS, STOREFRONT AND CURTAINWALL INCLUDING SUBFRAMES, AS REQUIRED.
3. CONTINUOUSLY SEAL ALL SIDES OF STOREFRONT AND SUBFRAMES ABUTTING DISSIMILAR MATERIALS AT JAMBS, HEADS, AND SILLS, TYPICALLY.
4. PROVIDE APPROPRIATE ANCHORAGE SYSTEM FOR ALL CONDITIONS TO SECURE WINDOWS IN ROUGH OPENINGS. PROVIDE SUBFRAMING AS SHOWN ON DETAILS AND/OR SPECIFIED.
5. SEE HEAD, JAMB, AND SILL DETAIL SHEET FOR MORE INFORMATION.
6. PROVIDE FOR THERMAL EXPANSION AT ALL STOREFRONT SYSTEMS.
7. COORDINATE FRAMES WITH PLAN WHEN MORE THAN ONE CONSTRUCTION DETAIL IS REFERENCED.
8. AS REQUIRED FOR DESIGN LOADING, WINDOW MANUFACTURER SHALL PROVIDE MILLION LBS. REINFORCING AND VERTICAL EXTENSIONS UP TO STRUCTURE ABOVE (ATTACHMENT TO STRUCTURE BY MANUFACTURER). SEE SECTIONS AND DETAILS FOR ADDITIONAL WORK RELATING TO STOREFRONT SYSTEM.
9. IDENTIFICATION OF OPENING TYPES AS "CURTAINWALL" OR "STOREFRONT" IS BASED ON SYSTEM REQUIREMENTS OF A PARTICULAR MANUFACTURER. CONTRACTOR IS TO DETERMINE BEST APPLICATION OF PROPOSED MANUFACTURE AND SYSTEM BASED ON PERFORMANCE REQUIREMENTS, SIZE OF OPENING, AND INSTALLATION CONDITION.
10. OVERALL DIMENSIONS OF STOREFRONT ARE APPROXIMATE. CONTRACTOR TO COORDINATE REQUIRED TOLERANCES IN ALL DIMENSIONS NEEDED TO MANUFACTURE AND INSTALL STOREFRONT, INCLUDING SUBFRAMES, AS REQUIRED. CONTRACTOR SHALL VERIFY ACTUAL DIMENSIONS IN THE FIELD WITH THOSE SHOWN ON ALL DRAWINGS, INCLUDING DETAILS SHOWN ON OTHER SHEETS, PRIOR TO FABRICATION.
11. COORDINATE STOREFRONT AND CURTAINWALL SYSTEMS WITH AIR BARRIER TRANSITION MEMBRANE SYSTEM AND MANUFACTURER-RECOMMENDED DETAILS FOR A COMPLETE AIR BARRIER SYSTEM.

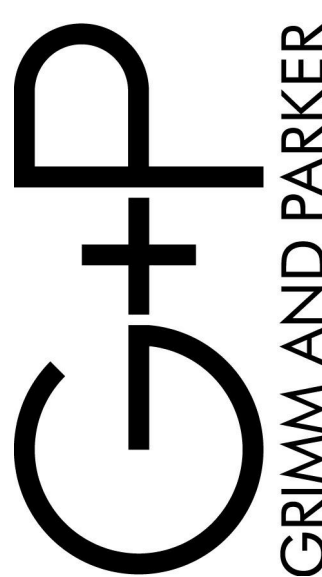
HOLLOW METAL FRAME NOTES

1. CONTRACTOR SHALL VERIFY ALL MASONRY AND ROUGH OPENINGS WITH HOLLOW METAL FRAME SIZES.
2. CONTRACTOR TO COORDINATE REQUIRED TOLERANCES IN ALL DIMENSIONS NEEDED TO MANUFACTURE AND INSTALL HOLLOW METAL FRAMES. VERIFY ACTUAL DIMENSIONS IN THE FIELD WITH THOSE SHOWN ON ALL DRAWINGS, INCLUDING DETAILS SHOWN ON OTHER SHEETS.
3. CONTINUOUSLY SEAL ALL SIDES OF HOLLOW METAL FRAMES ABUTTING DISSIMILAR MATERIALS AT JAMBS, HEADS, AND SILLS, TYPICALLY (EXCEPT AT DOOR SILLS UNLESS OTHERWISE NOTED).
4. TYPICAL WIDTH OF RETURNS ON HOLLOW METAL FRAMES IS 1 1/8" AT HEADS, JAMBS, AND SILLS. CENTER SECTION OF FRAME VARIES IN WIDTH WITH RESPECTIVE WALL TYPE. SEE PLANS.
5. SEE HEAD, JAMB, AND SILL DETAIL SHEET FOR MORE INFORMATION.
6. FILL ALL HOLLOW METAL (HM) FRAMES ABUTTING MASONRY WITH GROUT. FILL INTERMEDIATE MEMBERS AS SHOWN IN DETAILS (TYPICAL).

GLASS TYPE KEY

- G-1 1/4" CLEAR TEMPERED GLASS
- G-2 1/4" CLEAR GLASS
- G-3 1" INSULATING GLASS, CONSISTING OF:
 - 1/4" TEMPERED TINTED GLASS, EXTERIOR LITE
 - 1/2" AIR SPACE, AND
 - 1/4" TINTED GLASS WITH LOW E COATING
- G-4 1" INSULATING GLASS, CONSISTING OF:
 - 1/4" TINTED GLASS, EXTERIOR LITE
 - 1/2" AIR SPACE, AND
 - 1/4" CLEAR GLASS WITH LOW E COATING
- G-5 1" INSULATING GLASS, CONSISTING OF:
 - 1/4" TINTED GLASS W/ APPLIED FRIT, EXTERIOR LITE
 - 1/2" AIR SPACE, AND
 - 1/4" GLASS WITH LOW E COATING
- G-6 1" INSULATING GLASS, CONSISTING OF:
 - 1/4" TINTED GLASS W/ LIGHT DIFFUSING VEIL, EXTERIOR LITE
 - 1/2" AIR SPACE, AND
 - 1/4" TEMPERED GLASSW/ LIGHT DIFFUSING VEIL AND WITH LOW E COATING
- G-7 1" INSULATING GLASS, CONSISTING OF:
 - 1/4" TEMPERED TINTED GLASS W/ APPLIED FRIT, EXTERIOR LITE
 - 1/2" AIR SPACE, AND
 - 1/4" TEMPERED GLASS WITH LOW E COATING

8609 Westwood Center Drive
Suite 425
Tysons, VA 22182
Tel: 703.903.9100
www.grimm-and-parker.com



GP #21707


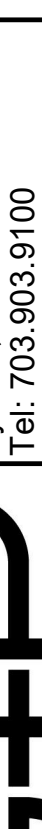



FRAME ELEVATIONS
STERLING COMMUNITY CENTER
120 Enterprise St, Sterling, VA 20164

DATE	DESCRIPTION
8.6.19	ADDENDUM 2
9.18.19	ADDENDUM 4

A307
4.29.2019
BID DOCUMENTS

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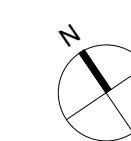
S001 4/29/2019 BID SET	DESIGN NOTES STERLING COMMUNITY CENTER 120 ENTERPRISE ST, STERLING, VA 20164		GP #Project Number	 GRIMM AND PARKER	 McMillin & Associates, Inc. Consulting Structural Engineers 8509 Westwood Center Drive Suite 425 Tysons, VA 22182 Tel: 703.903.9100 www.girmmandparker.com	 McMillin & Associates, Inc. Consulting Structural Engineers 8509 Westwood Center Drive Suite 425 Tysons, VA 22182 Tel: 703.903.9100 www.girmmandparker.com	8509 Westwood Center Drive Suite 425 Tysons, VA 22182 Tel: 703.903.9100 www.girmmandparker.com	 McMillin & Associates, Inc. Consulting Structural Engineers 8509 Westwood Center Drive Suite 425 Tysons, VA 22182 Tel: 703.903.9100 www.girmmandparker.com	 McMillin & Associates, Inc. Consulting Structural Engineers 8509 Westwood Center Drive Suite 425 Tysons, VA 22182 Tel: 703.903.9100 www.girmmandparker.com
	DATE 9.18.19	DESCRIPTION Addendum 4							

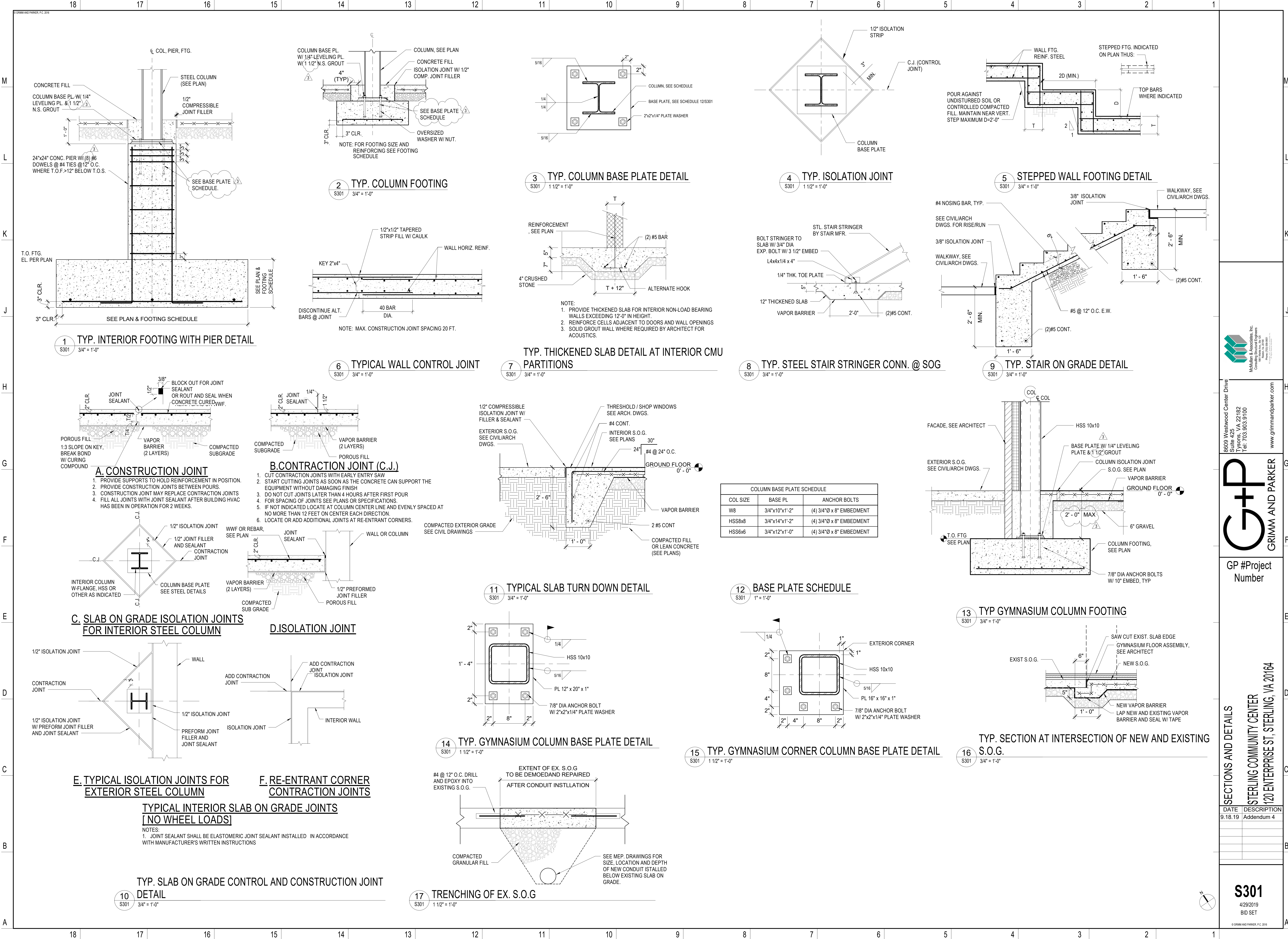


S101 1/8" = 1'-0"

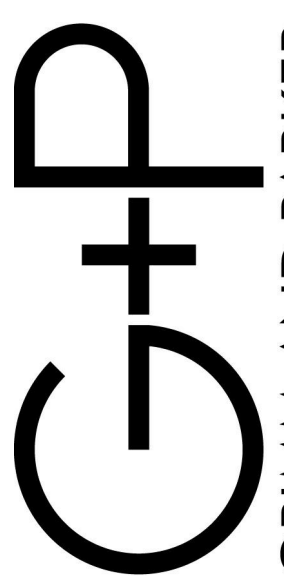
- NOTES:
1. BOTTOM OF FOOTING ELEVATION SHALL BE MINIMUM 2'-6" BELOW GRADE FOR ALL EXTERIOR WALL & COL.FTG.
 2. SOIL BEARING CAPACITY SHALL BE VERIFIED AT CONSTRUCTION BY THE GEOTECHNICAL ENGINEER.
 3. SLAB-ON-GRADE, WHERE NOT SHOWN OTHERWISE, SHALL BE MINIMUM 5-INCHES THICK, REINFORCED WITH WWM 6 X 6 W2 X 9 IN 2' ON TOP 1/3 OF ALL SLAB ON GRADE U.N.O.
 4. FILL CONCRETE SLAB ON MINIMUM 2 LAYERS OF 10-MIL POLYETHYLENE VAPOR-RETARDER FILM, PLACED ON MINIMUM 6" OF WELL COMPACTED DRAINAGE FILL FOR THICKENED SLAB DETAIL UNDER INTERIOR MASONRY WALLS, SEE TYPICAL DETAIL.
 4. C.J. DENOTES SLAB CONSTRUCTION JOINTS, SEE TYP. DETAIL 10/30/31
 5. 1'/FTG \longleftrightarrow DENOTE TOP OF FTG ELEVATION WITH REFERENCE TO FLOOR SLAB ELEVATION 0'-0"
 6. F/S DENOTES STEPPED FOOTING, SEE TYP. DETAIL-ON S301. COORD. STEP FOOTING AND TOP OF FOOTING W/ CIVIL DWGS SO FROST DEPTH OF 30" IS MAINTAINED.
 7. F/S UNDER STEPPED FOOTINGS TO BE DETERMINED IN FIELD BASED ON EXIST. FOUNDATION WALL FOOTING ELEVATIONS.
 8. COORDINATE LOCATIONS OF EXISTING S.O.G. REMOVAL FOR UTILITY LINES WITH MEP AND ARCH DEMO PLANS, SEE DETAIL 17/30/31 FOR REPAIR WORK.
 9. P \longleftrightarrow DENOTES PIER

STRUCTURAL FOOTING SCHEDULE					
TYPE	LENGTH	WIDTH	THICKNESS	TYPICAL REINFORCEMENT	COMMENTS
F4	4' - 0"	4' - 0"	1' - 2"	#5@12 E.W. BOT.	
F5	5' - 0"	5' - 0"	1' - 4"	#5@12 E.W. BOT.	
F7	7' - 0"	7' - 0"	1' - 8"	#7@12 F.W. BOT.	





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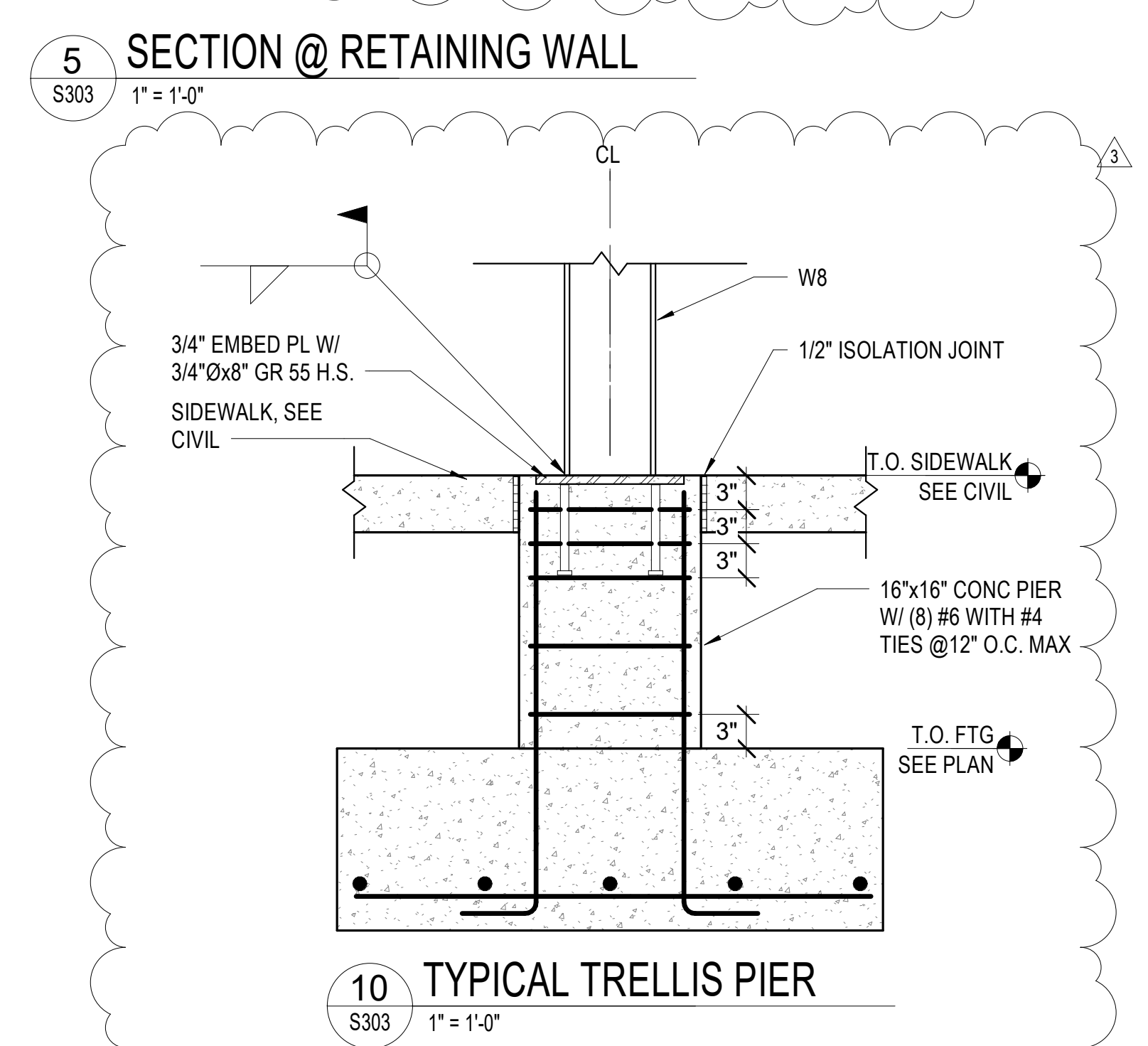
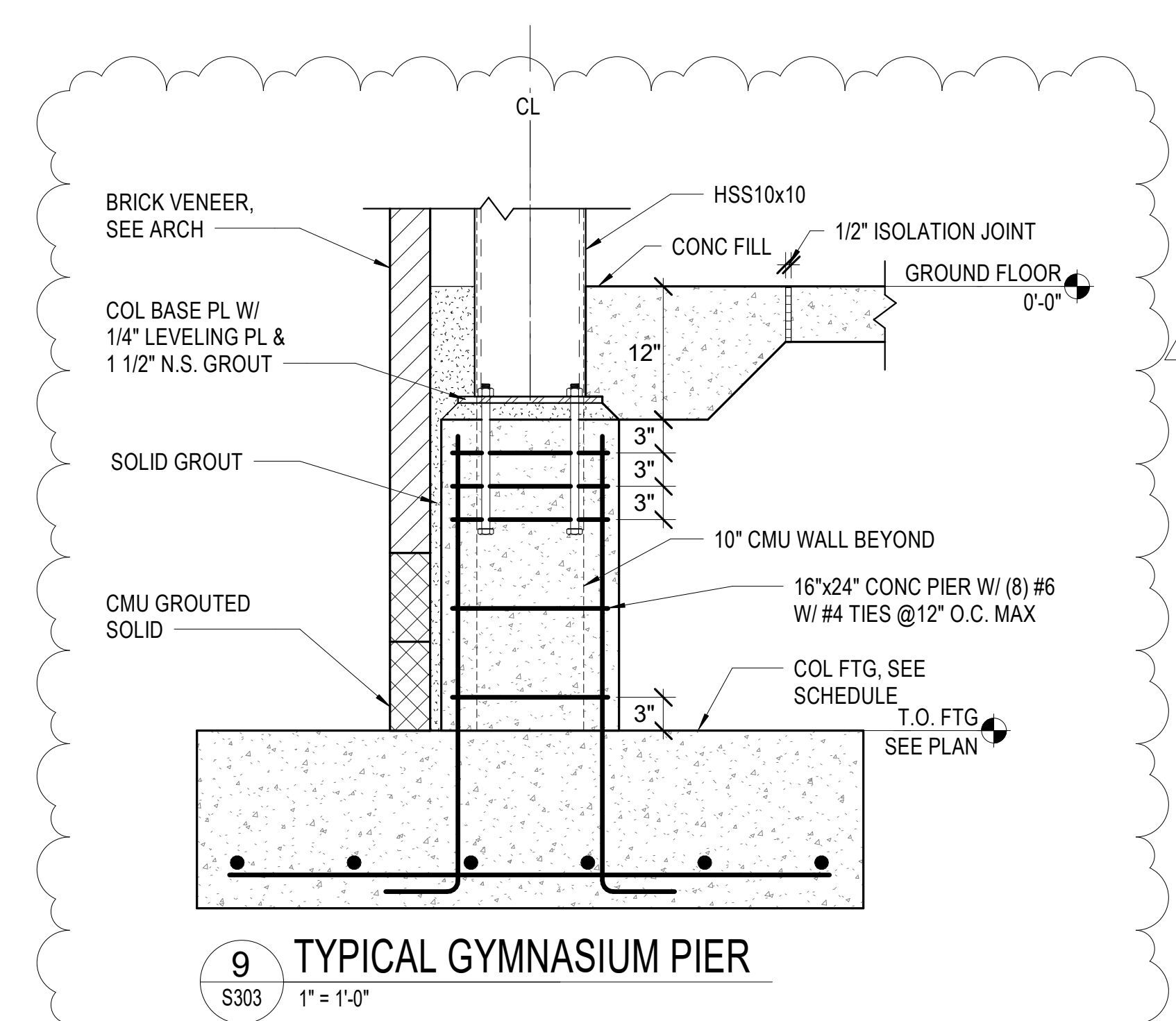
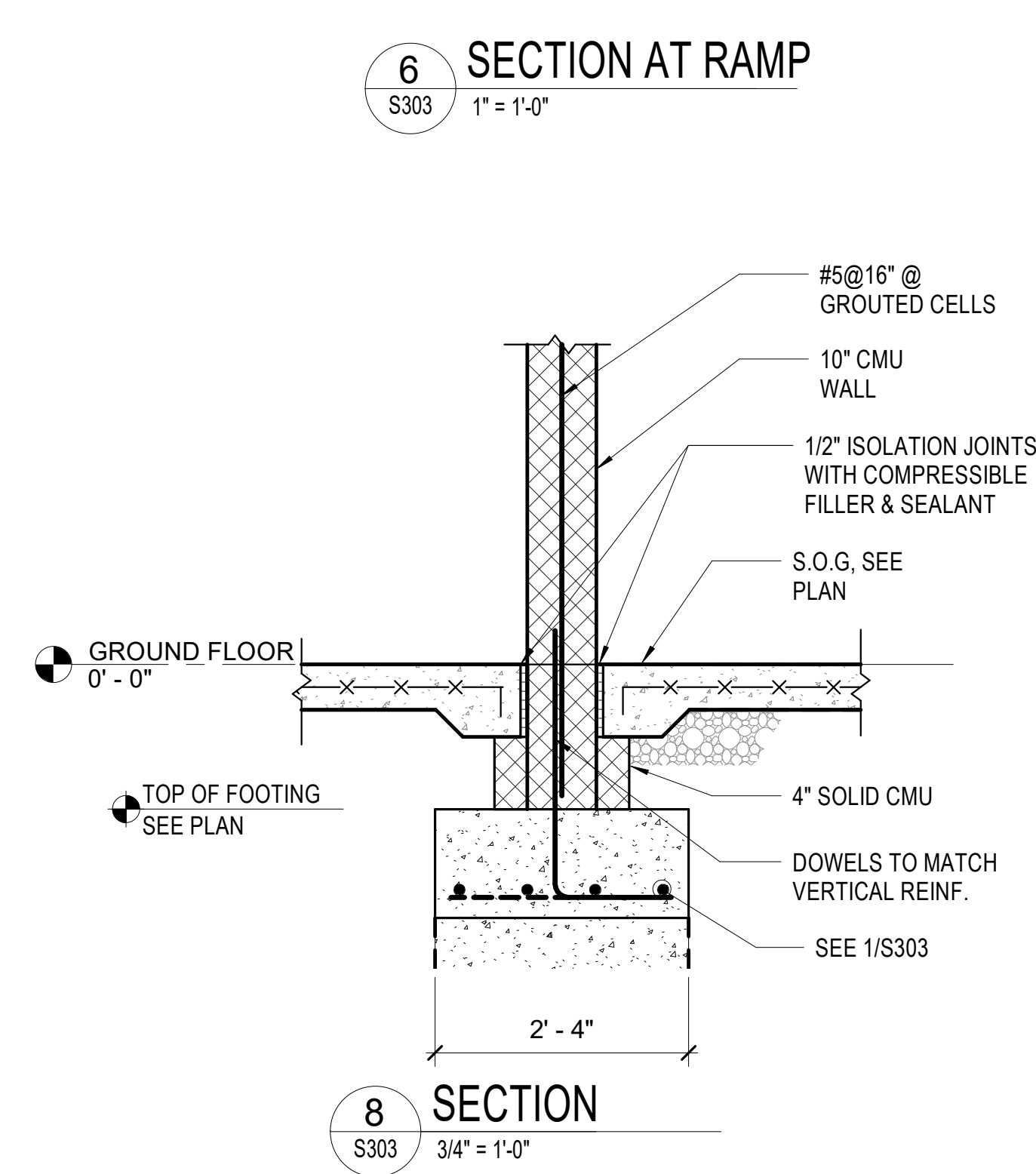
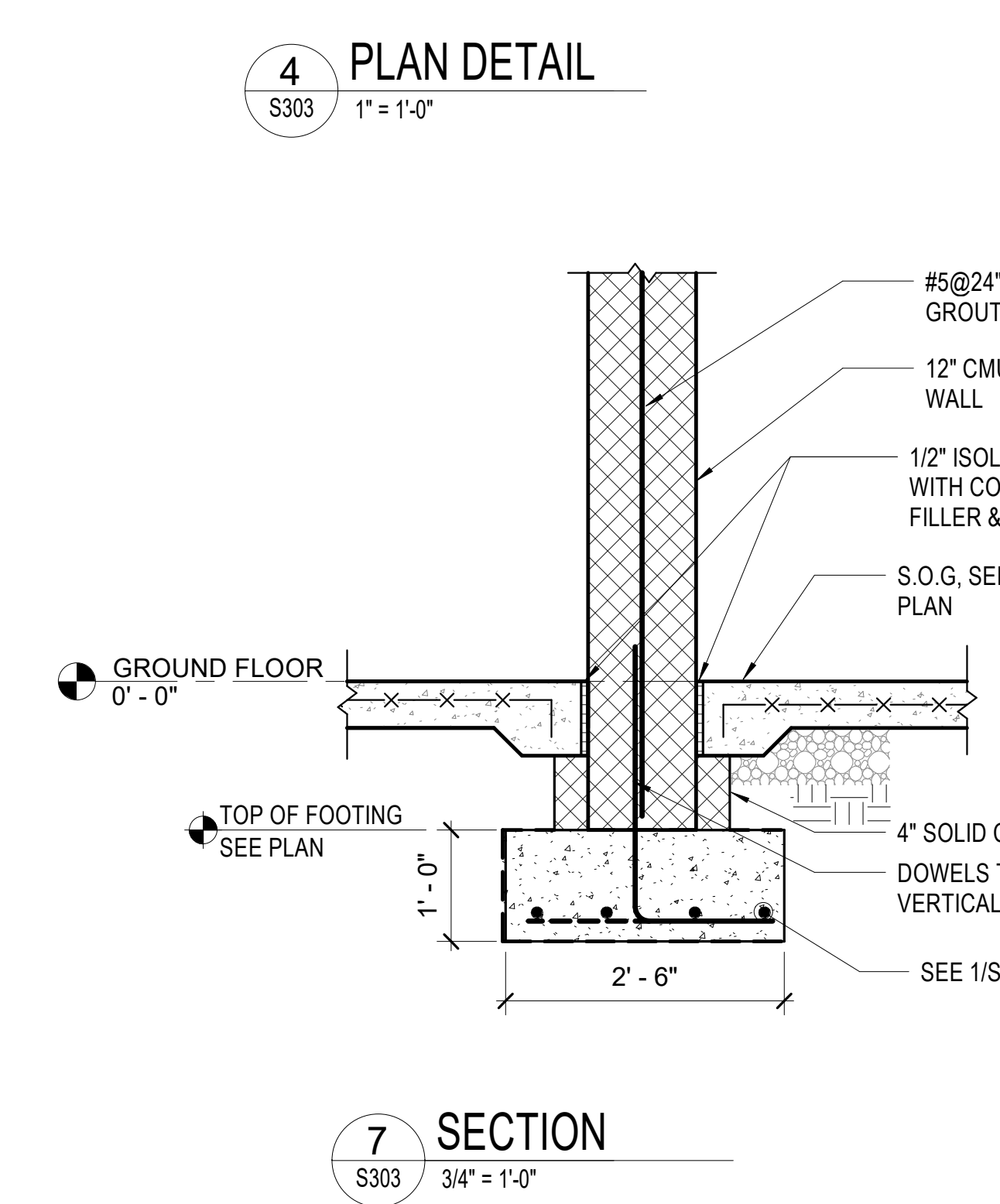
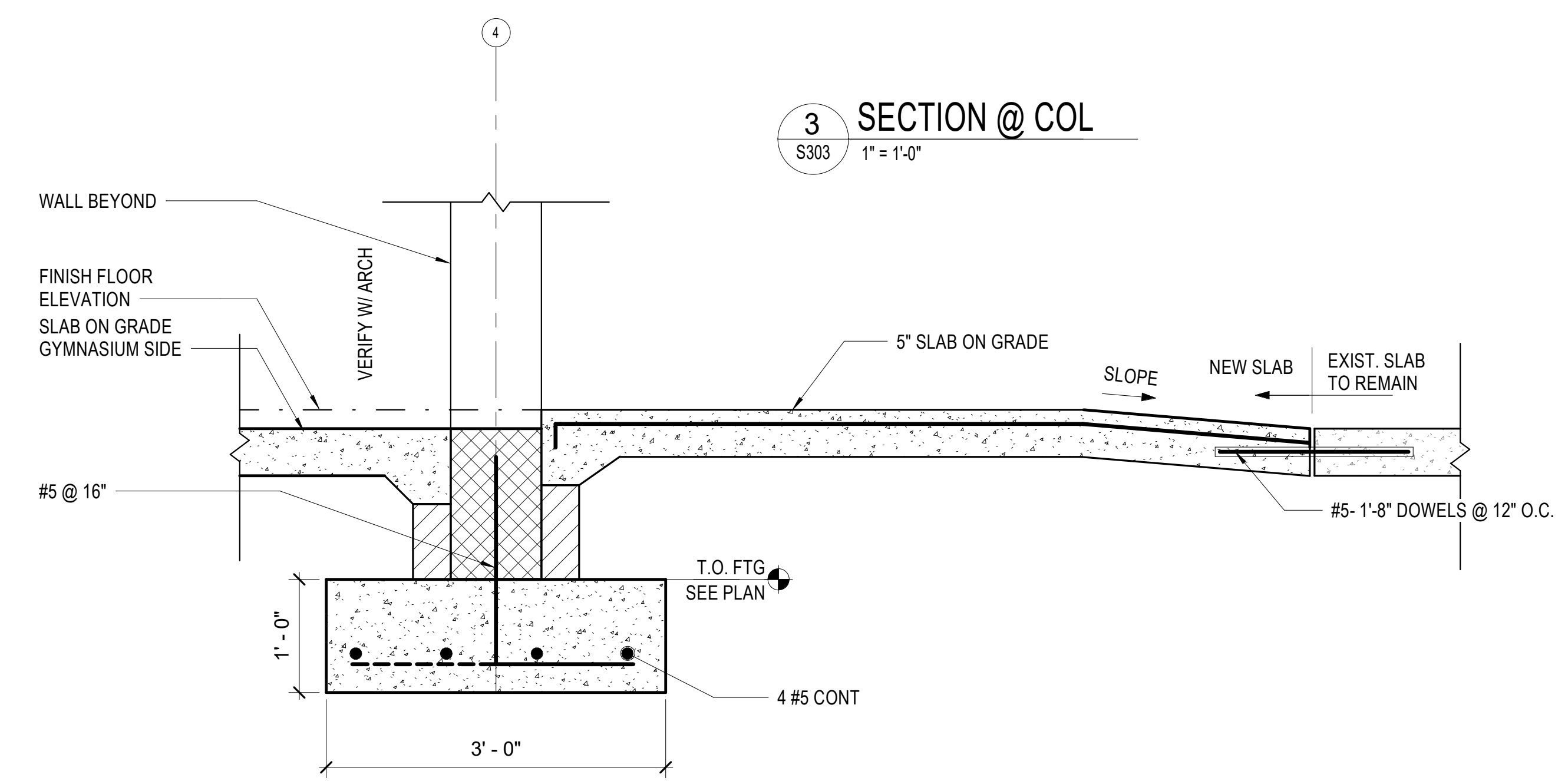
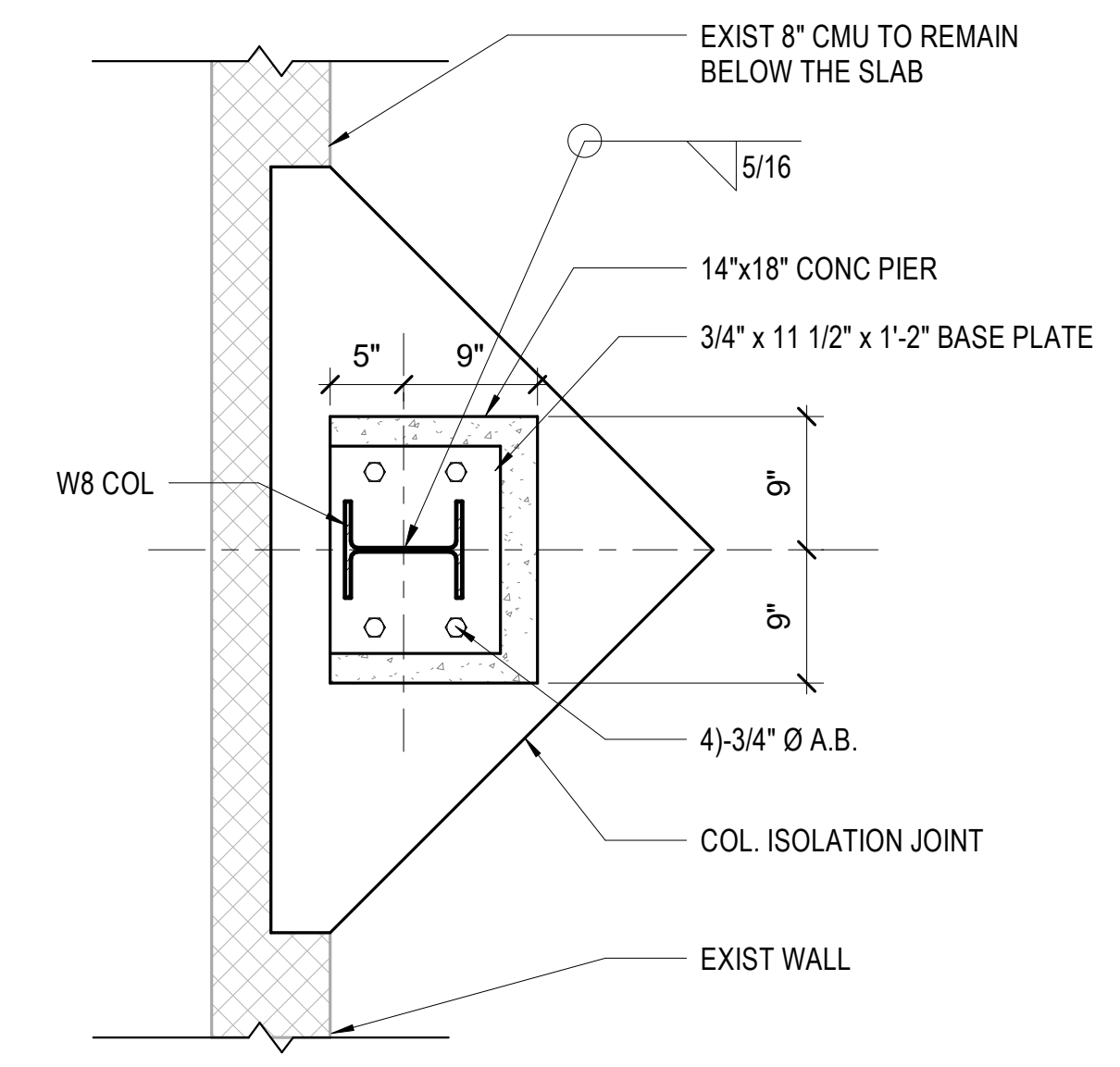
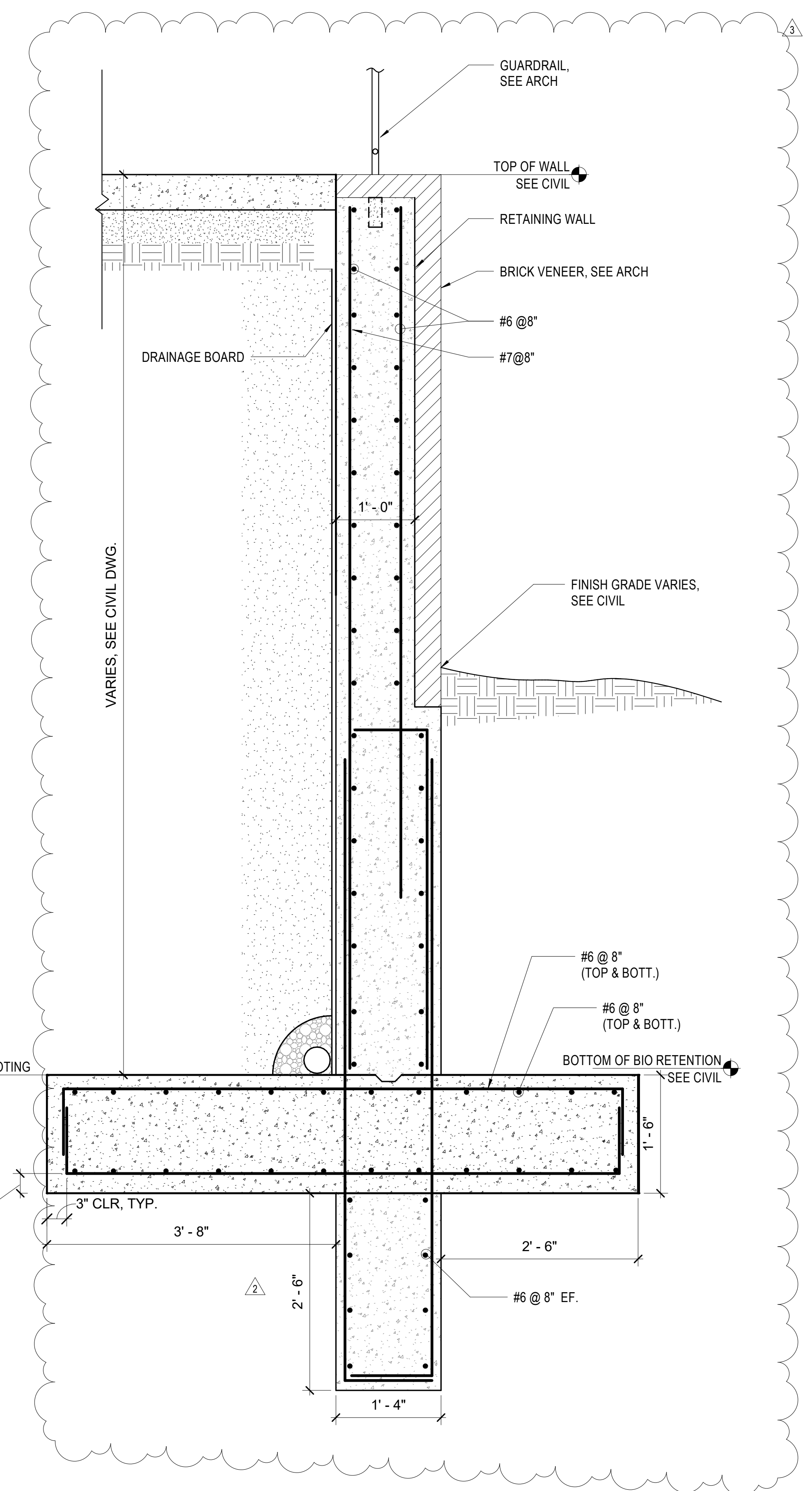
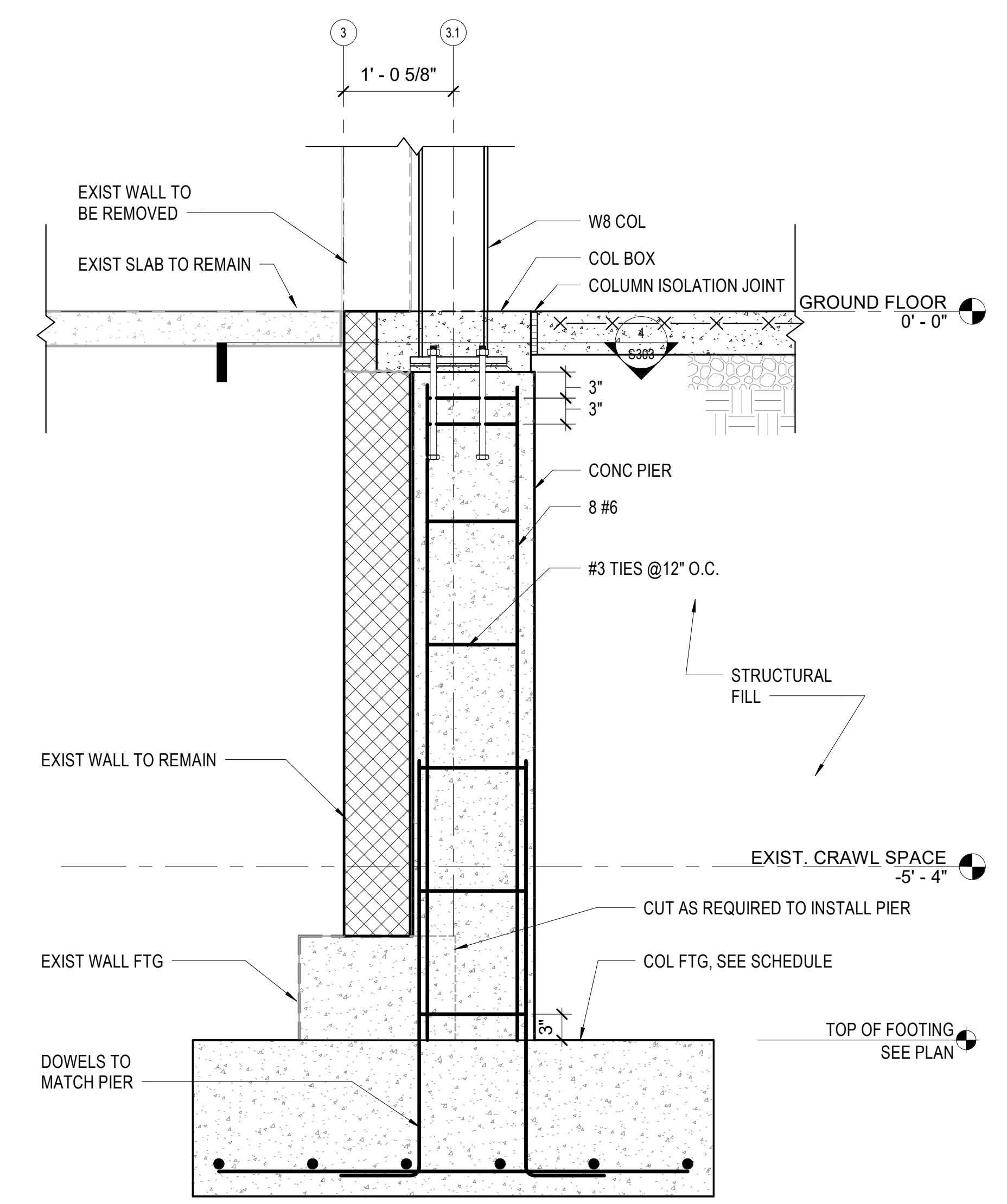
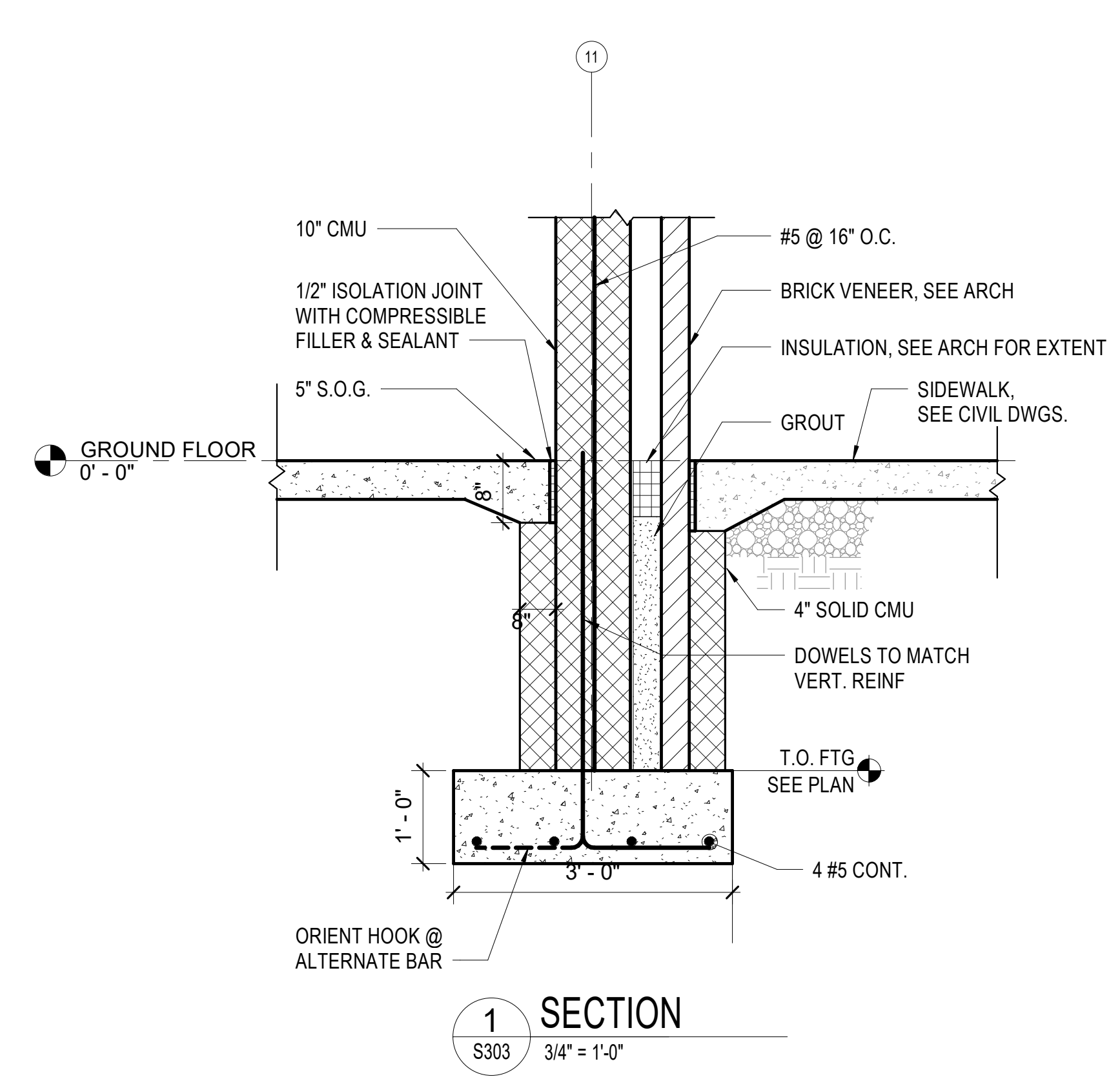
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SECTIONS AND DETAILS
STERLING COMMUNITY CENTER
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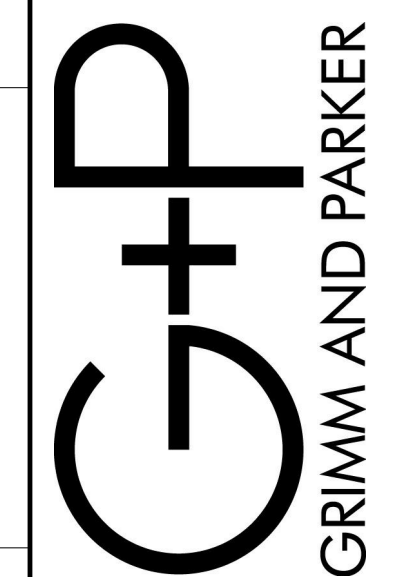
DATE DESCRIPTION
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S301
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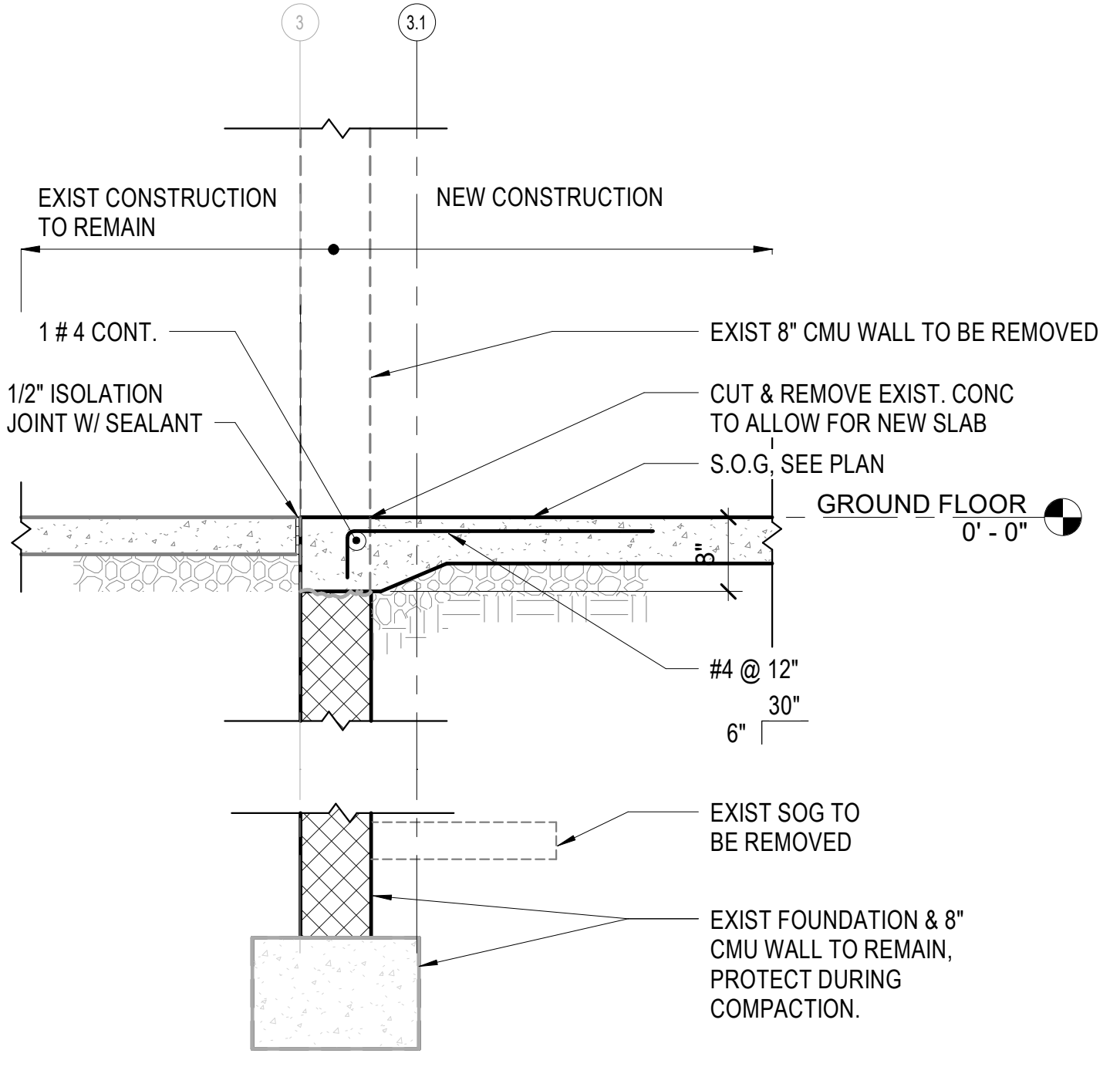


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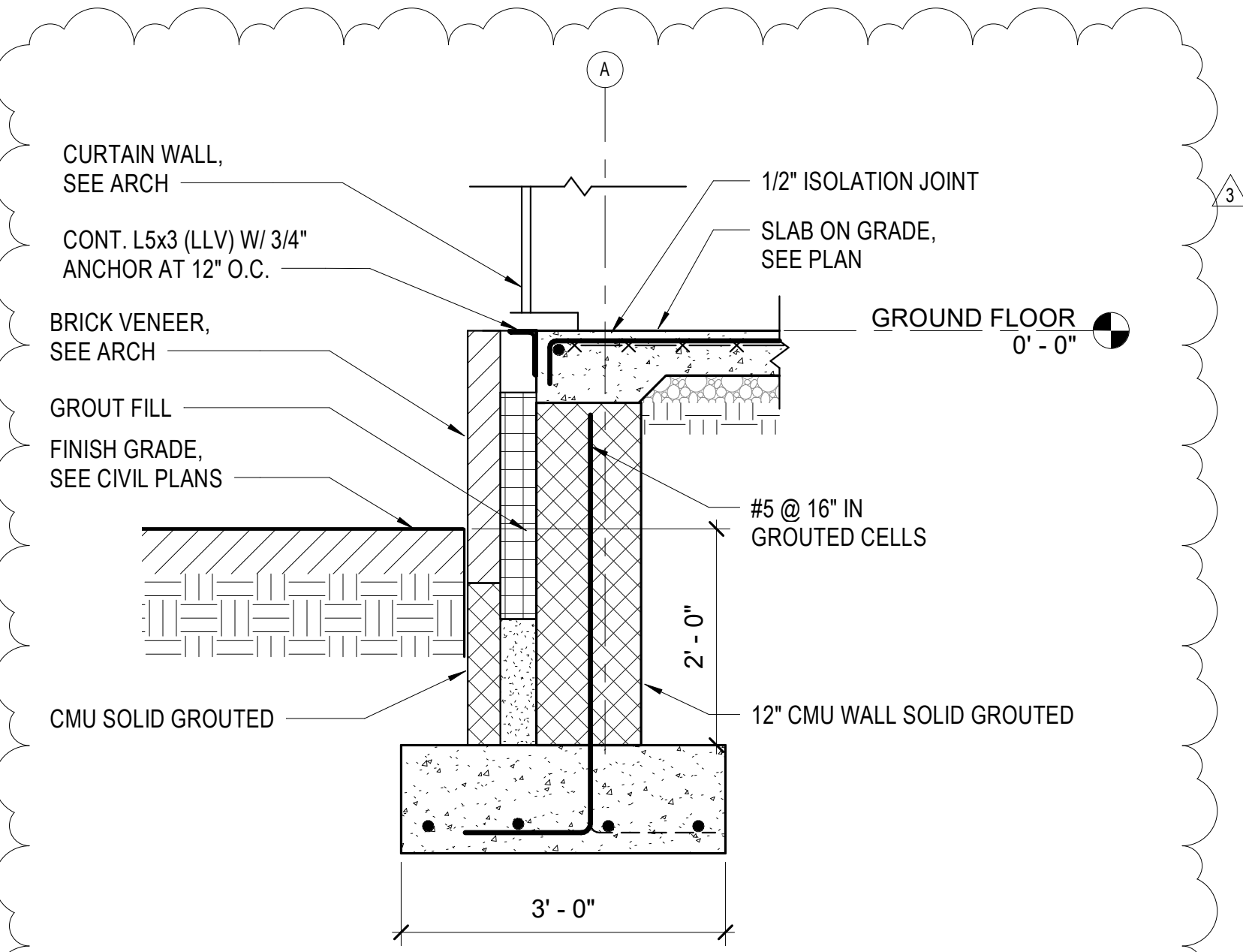
SECTIONS AND DETAILS
STERLING COMMUNITY CENTER
120 ENTERPRISE ST, STERLING, VA 20164

DATE	DESCRIPTION
9.6.2019	Addendum 2
9.18.19	Addendum 4

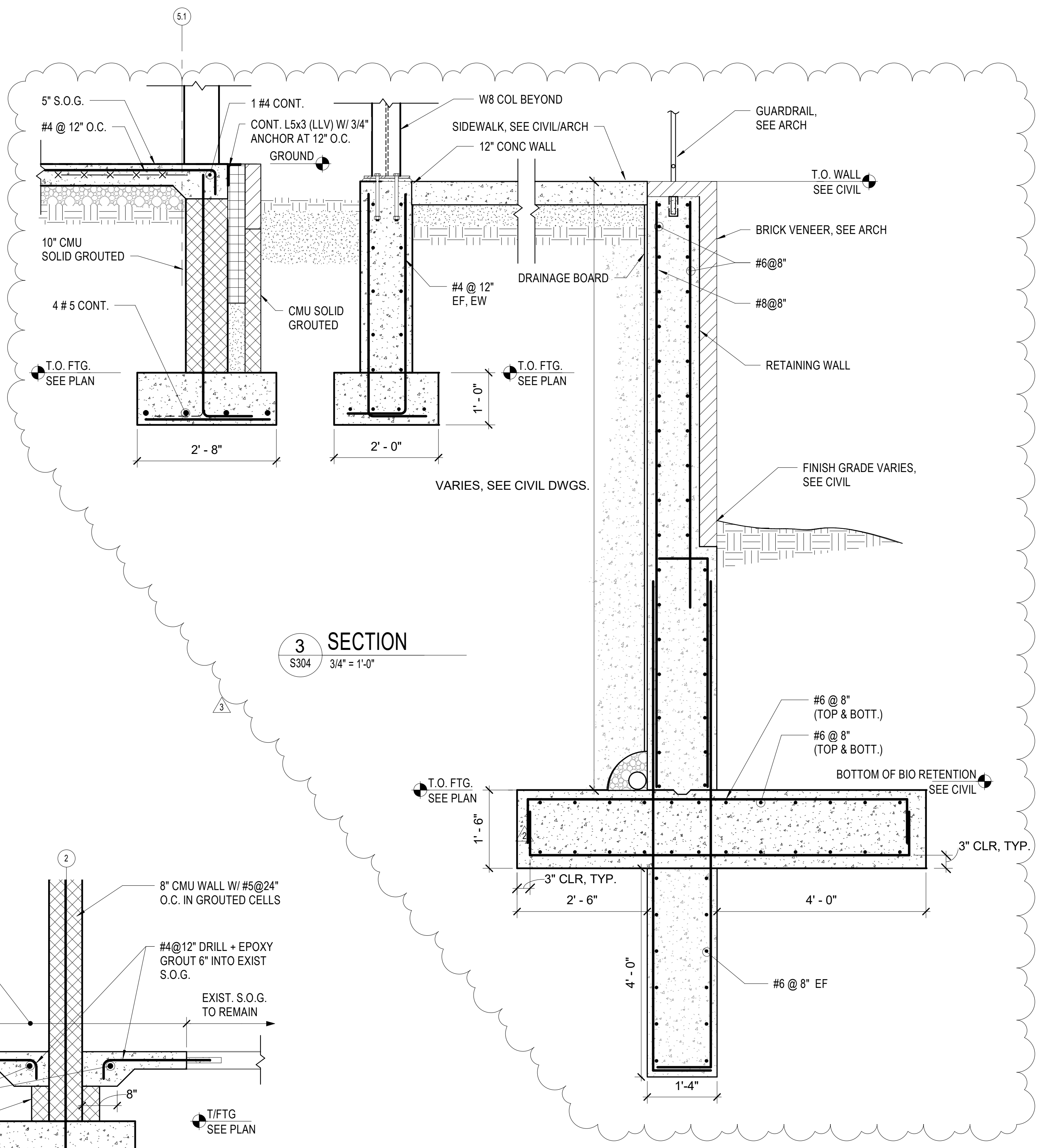
S303
4/29/2019
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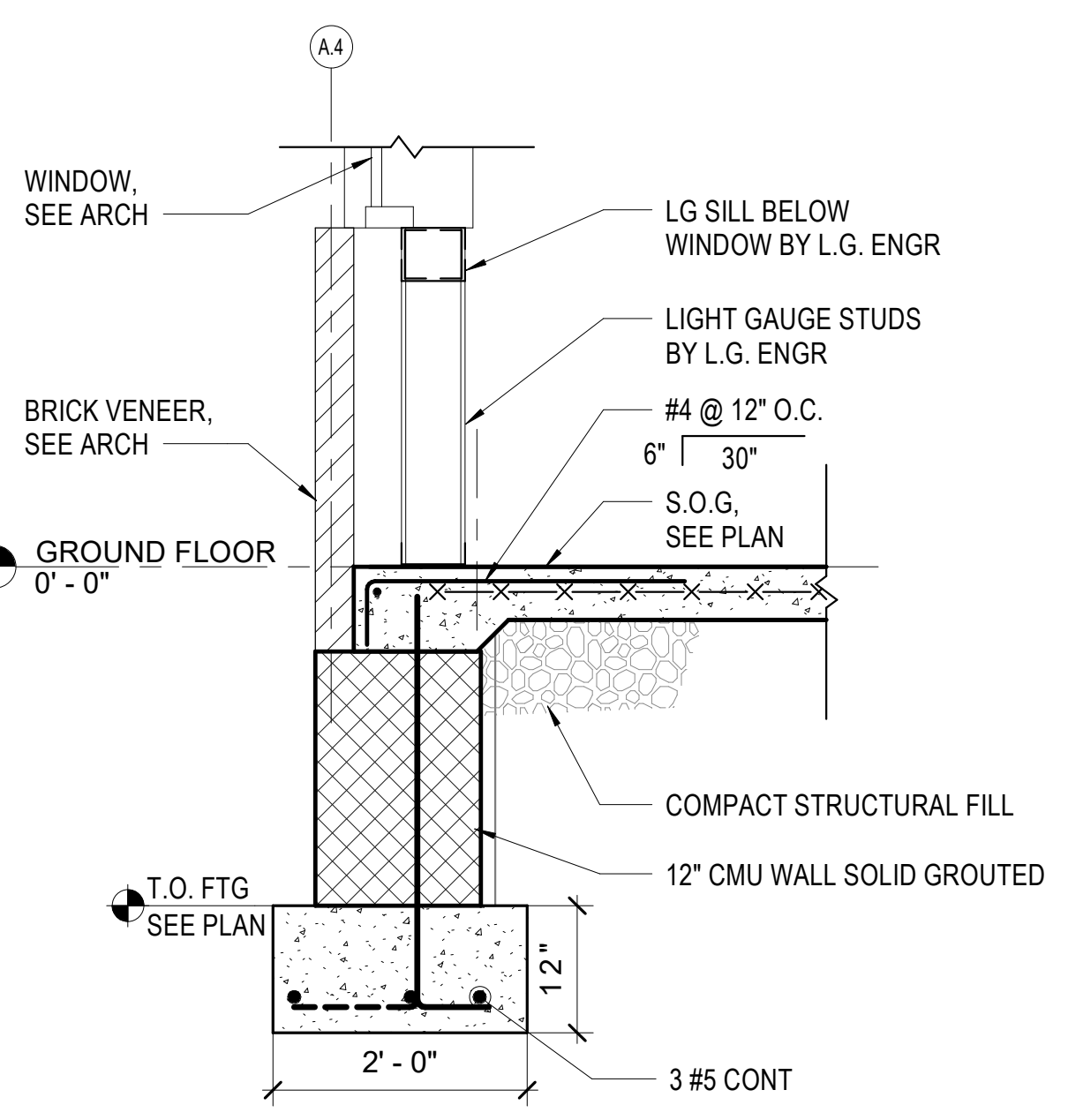
1 SECTION
S304 3/4\" = 1'-0"



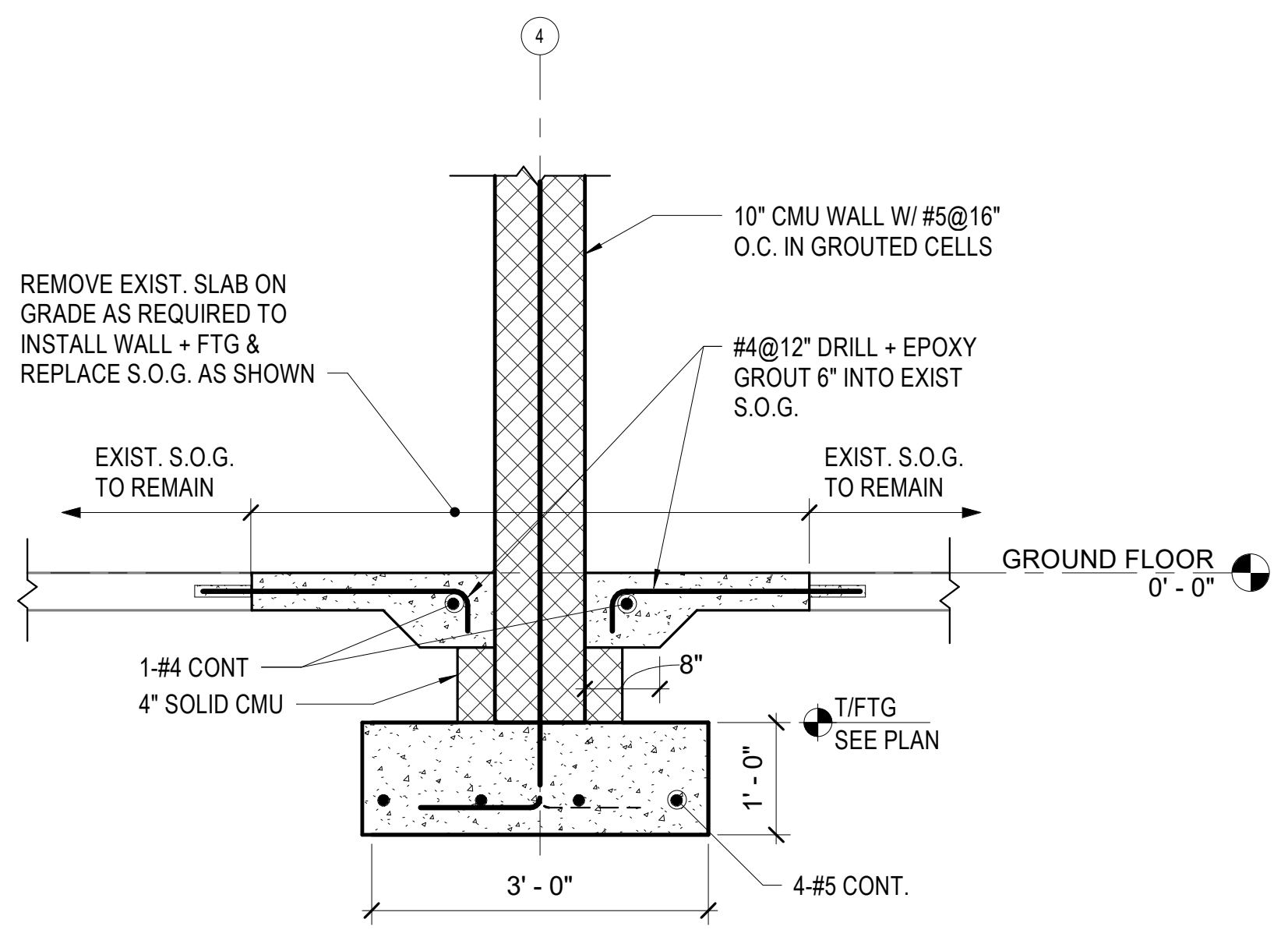
2 SECTION
S304 3/4\" = 1'-0"



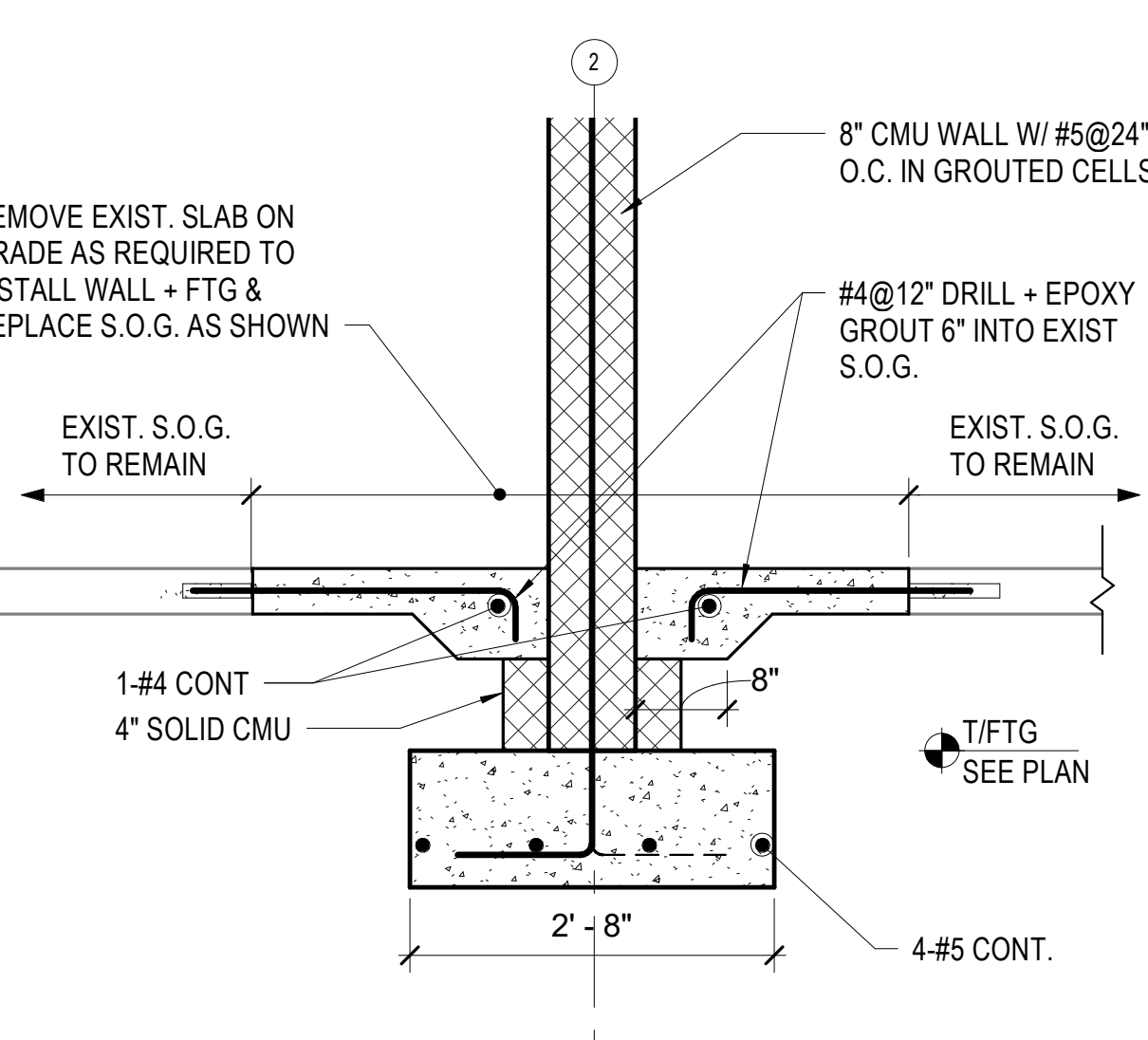
3 SECTION
S304 3/4\" = 1'-0"



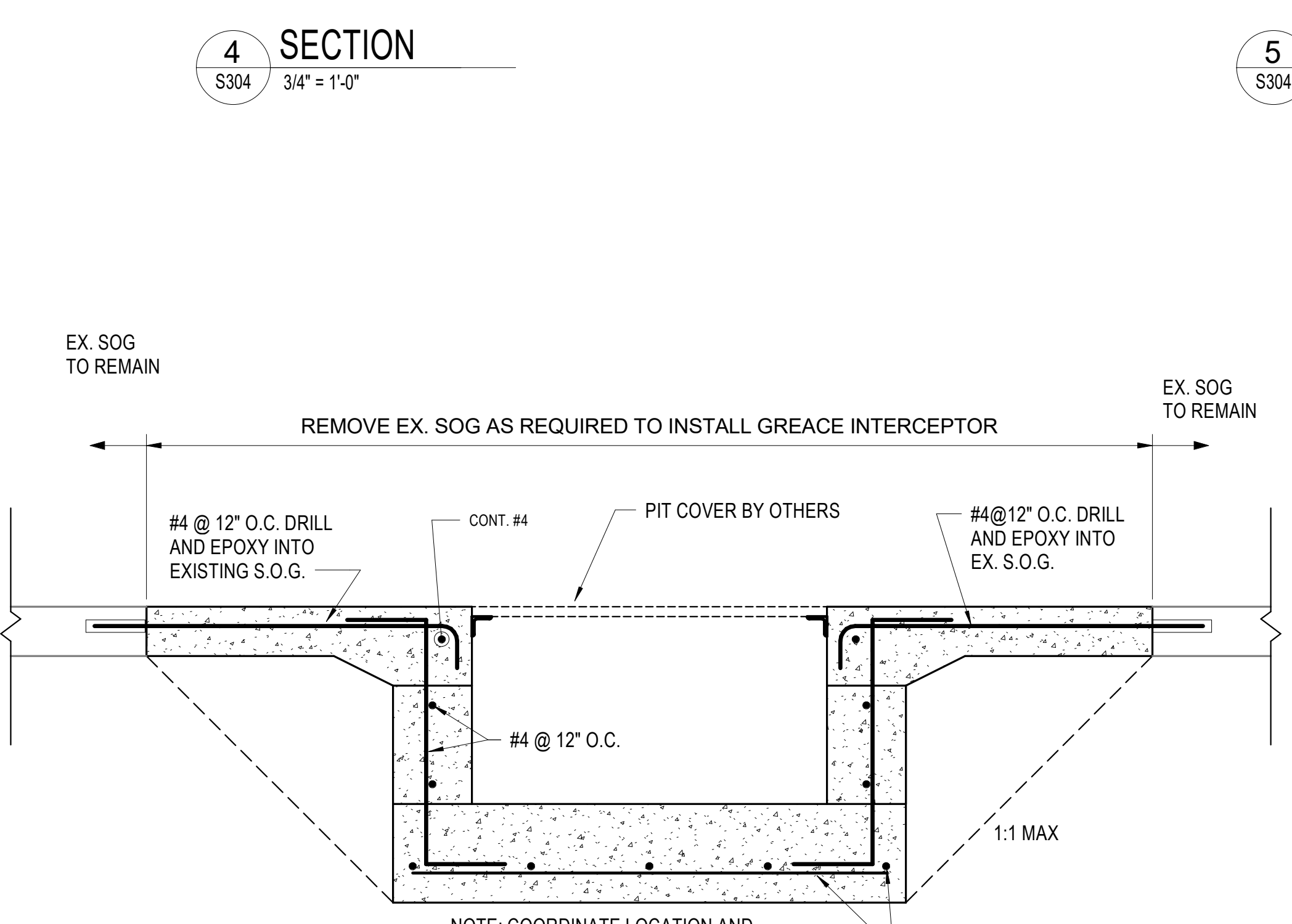
4 SECTION
S304 3/4\" = 1'-0"



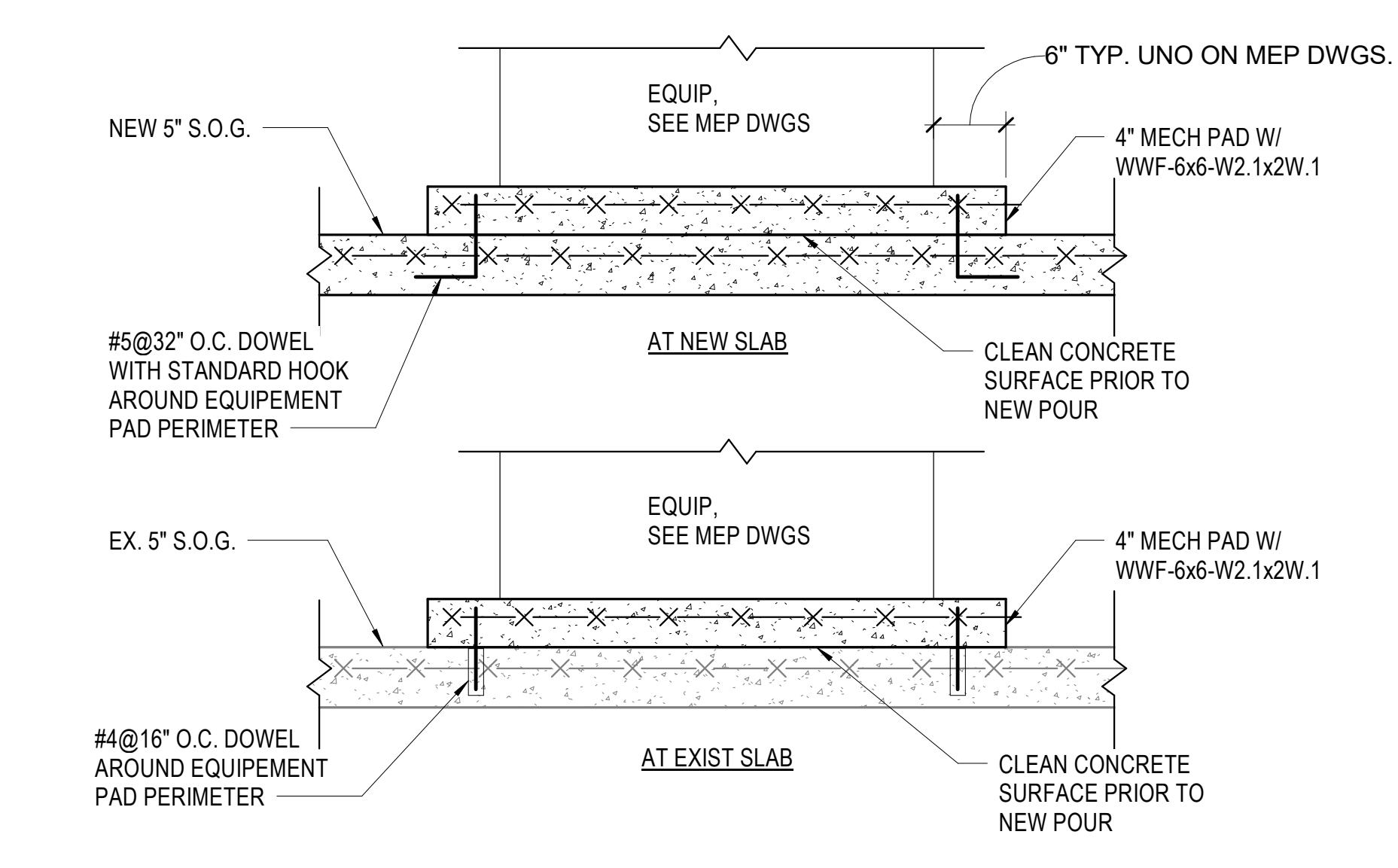
5 SECTION
S304 3/4\" = 1'-0"



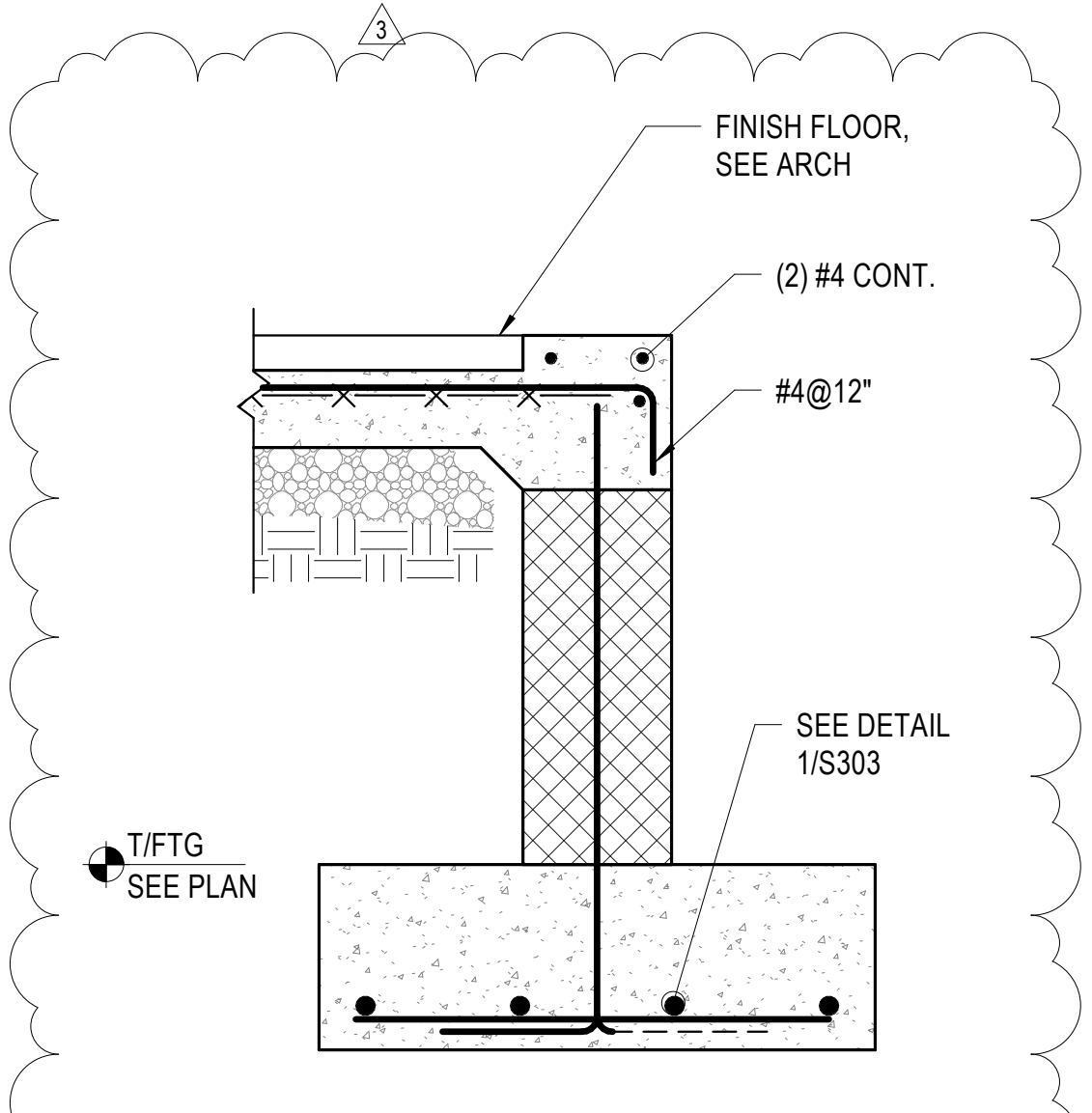
6 SECTION
S304 3/4\" = 1'-0"



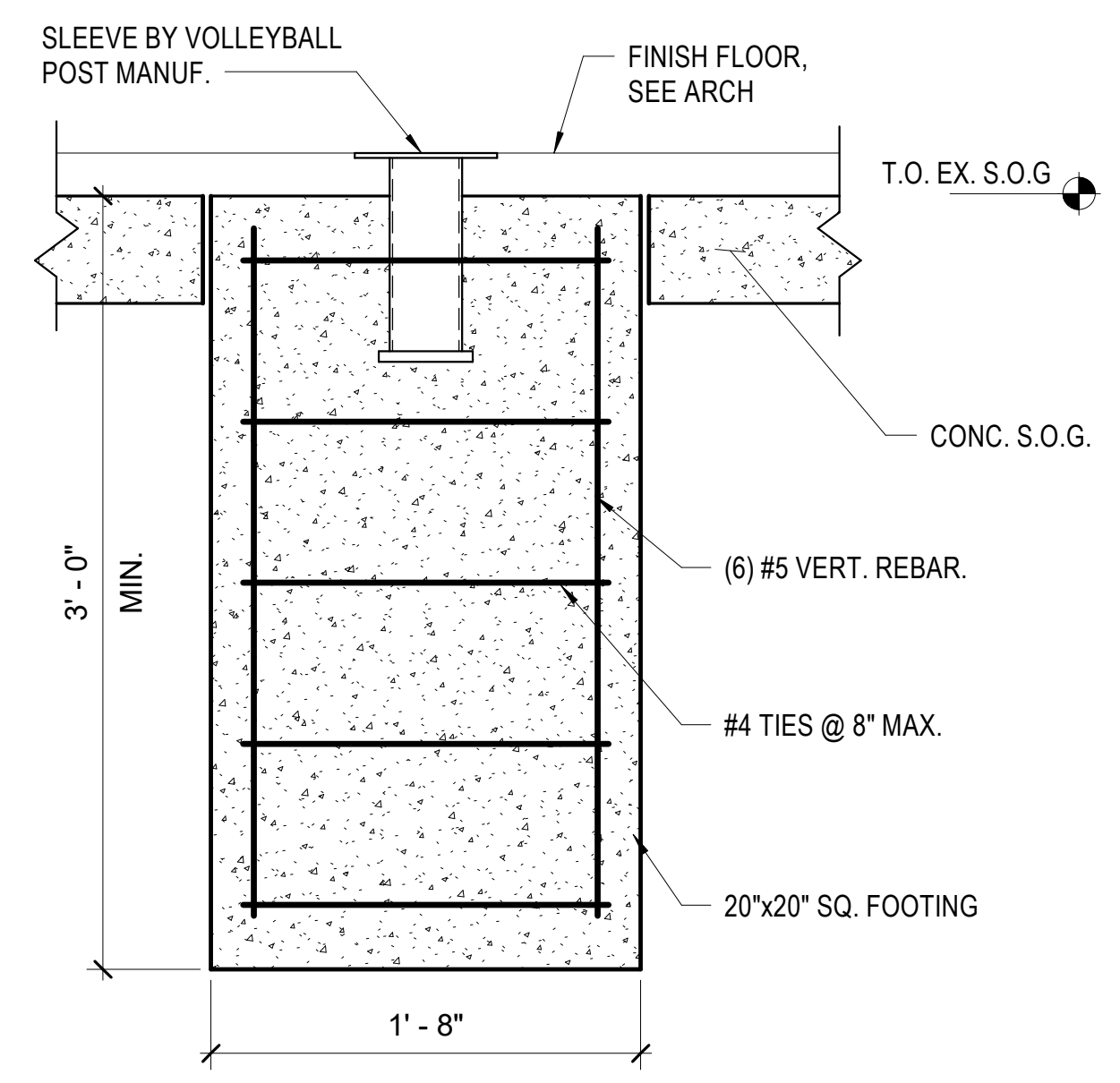
8 GREASE INTERCEPTOR PIT
S304 1\" = 1'-0"



9 EQUIPMENT PAD DETAILS
S304 1\" = 1'-0"



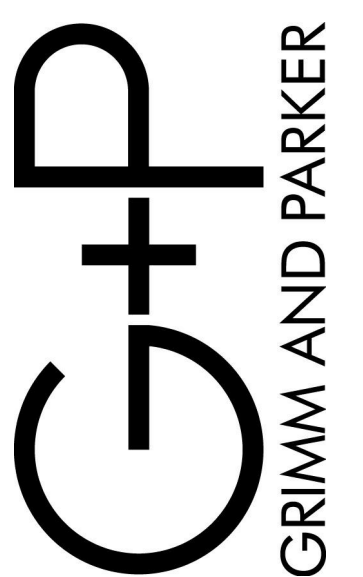
10 CURB DETAIL AT CURTAINWALL
S304 1\" = 1'-0"



7 VOLLEYBALL POST SLEEVE
S304 1 1/2\" = 1'-0"



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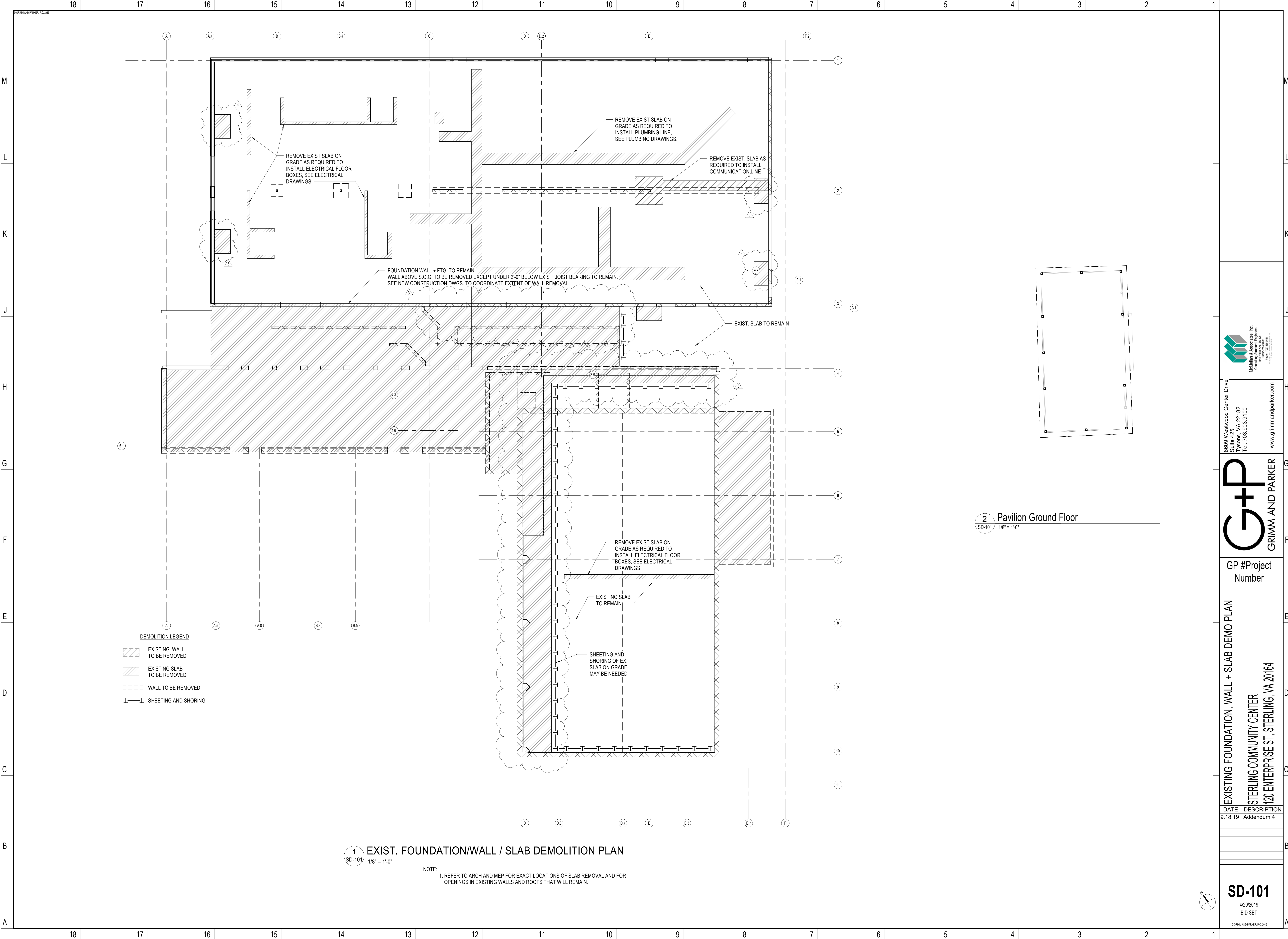


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S304
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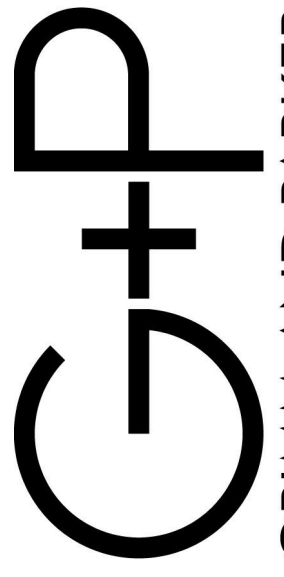
2 Pavilion Ground Floor
SD-101 1/8" = 1'-0"

1 EXIST. FOUNDATION/WALL / SLAB DEMOLITION PLAN
SD-101 1/8" = 1'-0"

NOTE:
1. REFER TO ARCH AND MEP FOR EXACT LOCATIONS OF SLAB REMOVAL AND FOR OPENINGS IN EXISTING WALLS AND ROOFS THAT WILL REMAIN.



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EXISTING FOUNDATION, WALL + SLAB DEMO PLAN
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9.18.19	Addendum 4

SD-101
4/29/2019
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