



HERZOG ENGINEERING

1334 81ST AVE NE
ING LAKE PARK, MN 55432
www.herzogengineering.com

PRINCETON DENTAL CENTER

PRINCETON, MN

I HEREBY CERTIFY THAT THIS PLAN, SPECIFICATION,
OR REPORT WAS PREPARED BY ME OR UNDER MY
DIRECT SUPERVISION AND THAT I AM A DULY
LICENSED PROFESSIONAL ENGINEER UNDER THE
LAWS OF THE STATE OF MINNESOTA

PRINT NAME: Jeremy J. Clarke

FOUNDATION PLAN

COLUMN SCHEDULE			
MARK	SIZE	POST BASE	POST CAP
C1	8x8 SPF #1 (TREATED)	SIMPSON ABW7-7Z	SIMPSON OCC46
C2	(3) 2x4 (NO.1/NO.2)	-	-

FOOTING SCHEDULE					
MARK	WIDTH	LENGTH	DEPTH	REINF.	COMMENTS
F3.0	3' - 0"	3' - 0"	1' - 0"	(3) #5 EA. WAY	-
WF1	2' - 0"	CONT.	1' - 0"	(2) #5 CONT.	-

PIER SCHEDULE				
MARK	SIZE	VERT. REINF.	TIES	COMMENTS
P1	20" x 20"	(8) #5	#3 @ 12" O.C.	-

FOUNDATION PLAN KEY NOTES

- ① 8" C.I.P. WALL W/ #5 VERT. @ 18" O.C. AND #5 VERT.
@ 18" O.C. (BELOW SLAB) 2x6 @ 16" O.C. (ABOVE SLAB)
- ② 2'-0"x1'-0" THICKENED SLAB W/ (2) #5 CONT.
- ③ CONCRETE STOOP. SEE ARCH FOR SIZE AND LOCATION.
SEE DETAIL 6/S300.
- ④ 2x4 STUDS @ 16" O.C. BEARING WALL

FOUNDATION PLAN NOTES

GENERAL NOTES

1. SEE SHEET S000 FOR GENERAL STRUCTURAL NOTES.
2. SEE ARCH. FOR DIMENSIONS AND WALL OPENINGS.
3. ALL REINFORCING TO BE CENTERED IN WALL.
4. INTERIOR TOP OF FOOTING ELEVATION (T.F.E.) = 100'-0".

Project Number: 251445

Project Number 251145

Date 4/29/2025

Drawn By MT

Checked By JC/MW

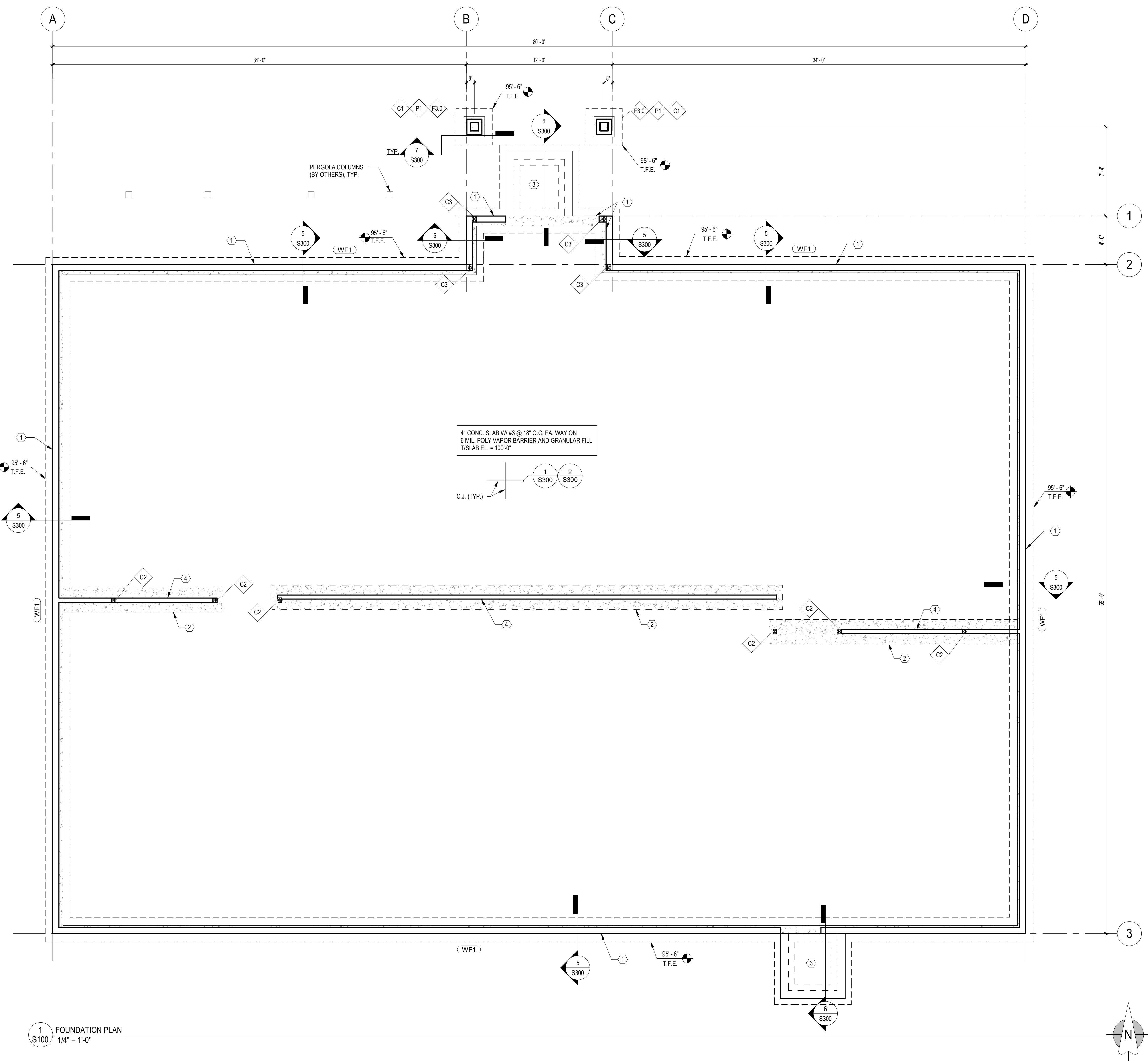
Table 1. Summary of the main characteristics of the 1000 patients included in the study.

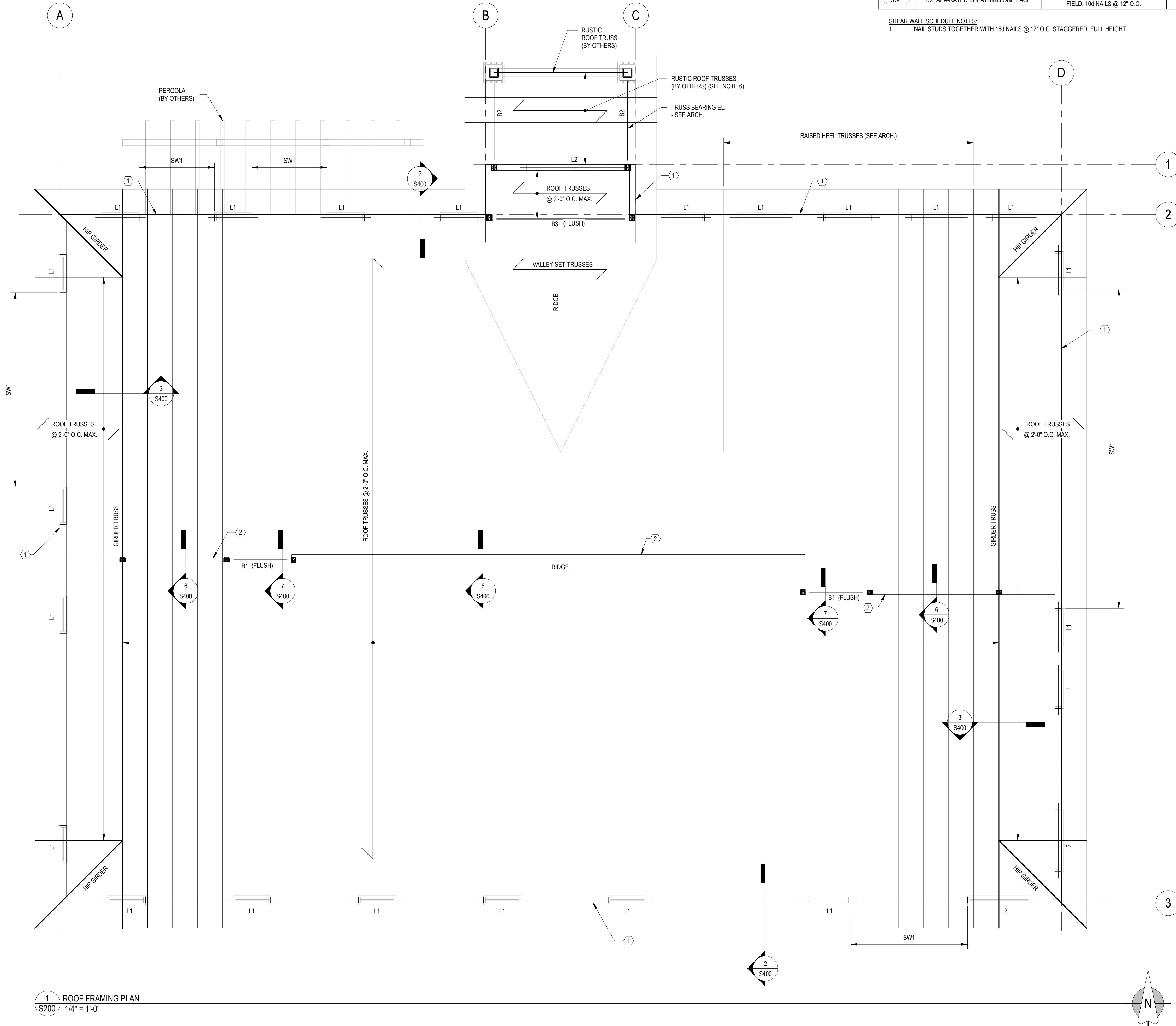
S100

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S100

Scale 1/4" = 1'-0"





SHEAR WALL SCHEDULE					
MARK	SHEATHING	FASTENERS	SILL PLATE FASTNERS BETWEEN HOLD DOWNS	SHEAR WALL END POSTS	HOLD DOWN EACH END OF WALL
SW1	1/2" APA-RATED SHEATHING ONE FACE	PANEL EDGES: 10d NAILS @ 6" O.C. FIELD: 10d NAILS @ 12" O.C.	5/8" Ø ANCHOR BOLTS @ 24" O.C.	2 PLY - 2x6	SIMPSON HDU2 - SDS2.5 W/ 5/8" Ø HILTI HAS-E THREADED ROD W/ HIT-HY 200 V3 EPOXY, 5" EMBED

SHEAR WALL SCHEDULE NOTES:
1. NAIL STUDS TOGETHER WITH 16d NAILS @ 12" O.C. STAGGERED, FULL HEIGHT.



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PRINT NAME: Jeremy J. Clarke

SIGNATURE: 
DATE: 04/29/2025 REGISTRATION # 42422

ROOF FRAMING PLAN

LINTEL SCHEDULE		
MARK	SIZE	JAMBS
L1	(3) 2x8	(2) JACK, (1) KING
L2	(3) 2x10	(2) JACK (2) KING

BEAM SCHEDULE		
MARK	SIZE	COMMENTS
B1	(2) 2x10	<varies>
B2	4x6 TREATED	-
B3	(2) 1 3/4x9 1/2" L VI	-

ROOF FRAMING PLAN KEY NOTES

1 2x6 STUDS @ 16" O.C.
2 2x4 STUDS @ 16" O.C. BEARING WALL
3 SNOW DRIFT LOAD, SEE 2/S200

ROOF FRAMING PLAN NOTES

1. SEE SHEET S000 FOR GENERAL STRUCTURAL NOTES.
2. SEE 1/S400 FOR TYPICAL SHEATHING FASTENING DETAIL.
3. TRUSS BEARING EL. (T.B.E.) = 110'-1 1/8".
4. ROOF SHEATHING SHALL BE MINIMUM 1/2" W/ 32/16 SPAN RATING.
SEE 2/S105 FOR FASTENING DETAIL.
5. SEE ARCH. FOR DIMENSIONS FOR WALLS, WALL OPENINGS, AND MORE INFORMATION.
6. WOOD ROOF DECKING TO RUN PERPENDICULAR TO TRUSSES SEE ARCH. FOR ADDITIONAL INFO.

Project Number	251145
Date	4/29/2025
Drawn By	MT
Checked By	JC/MW
S200	
Scale	As indicated

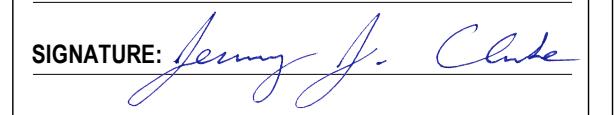
PRINCETON DENTAL CENTER

PRINCETON, MN

No.	Description	Date
0	PERMIT SET	04/29/2025
1		
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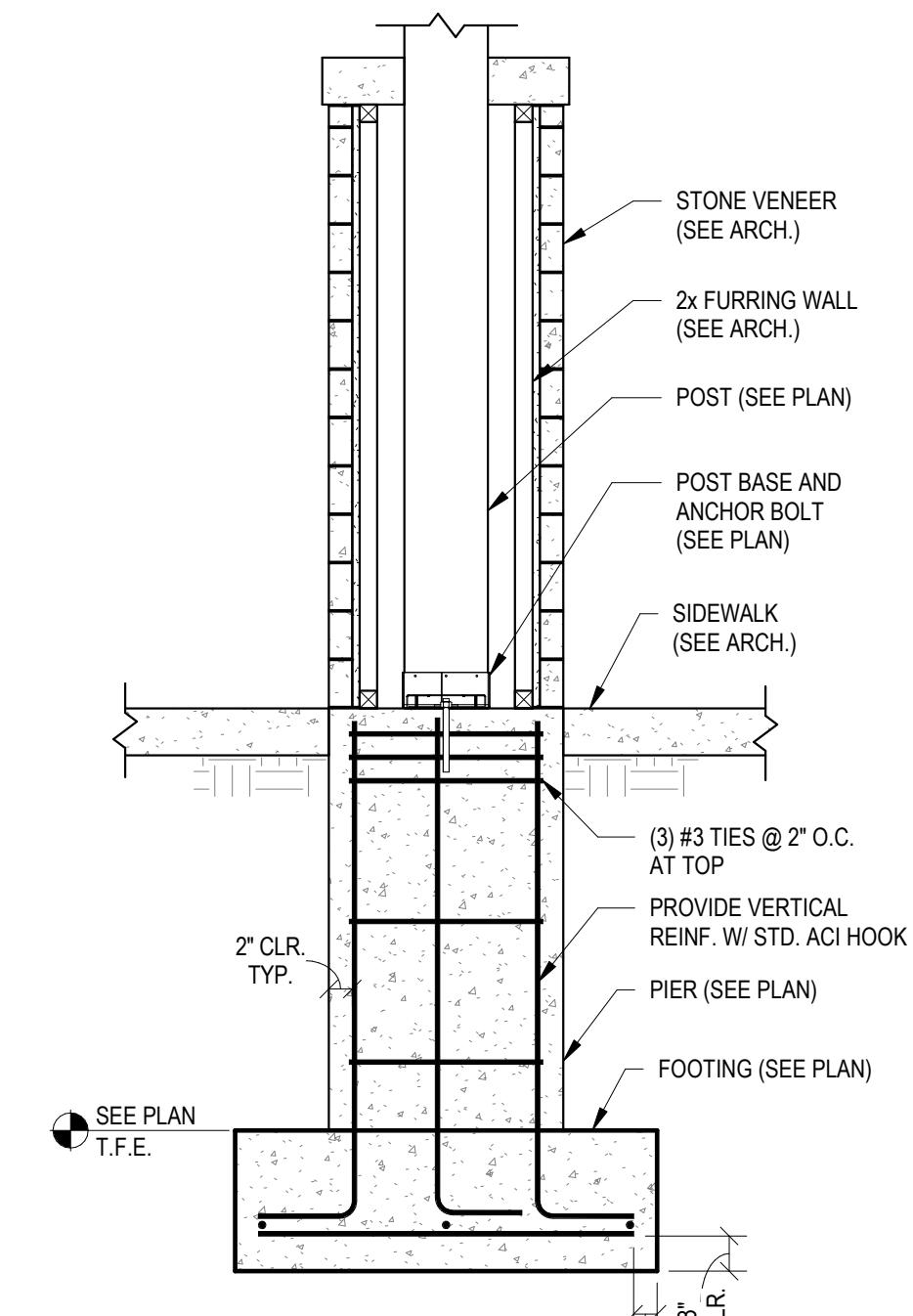
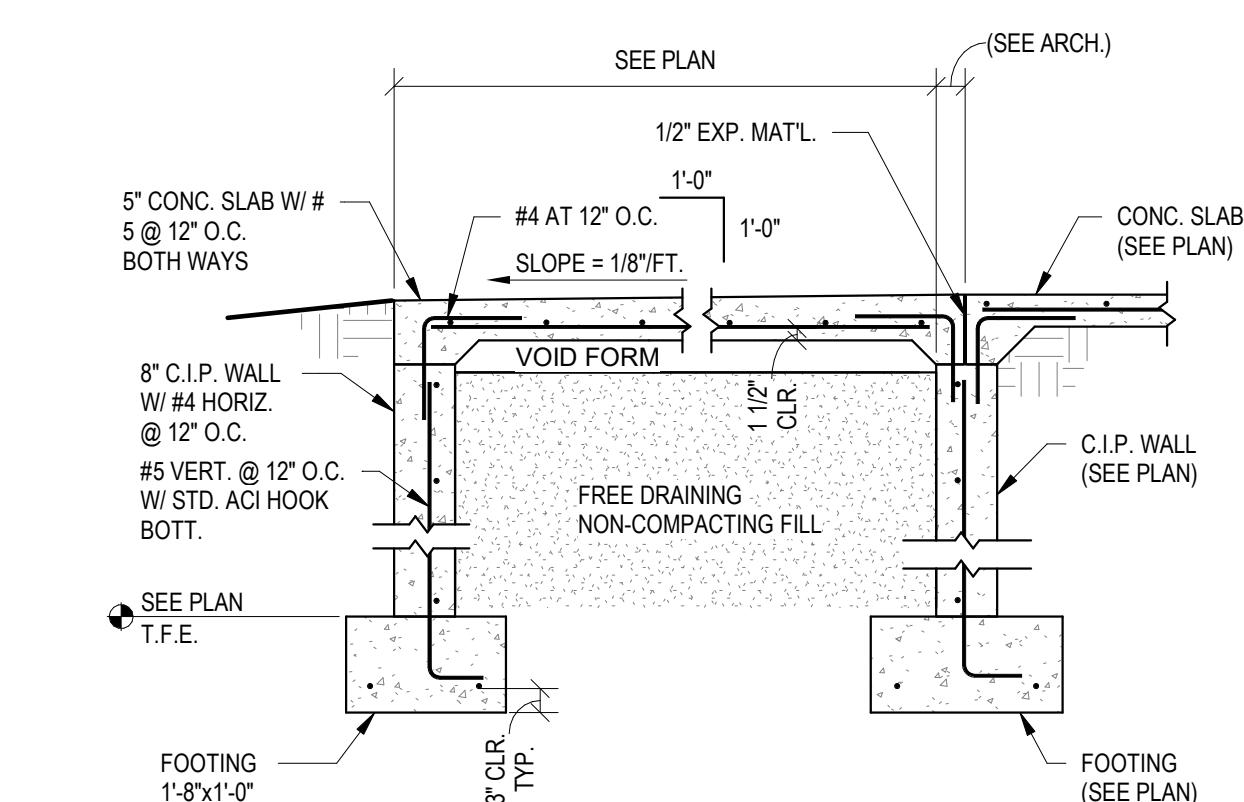
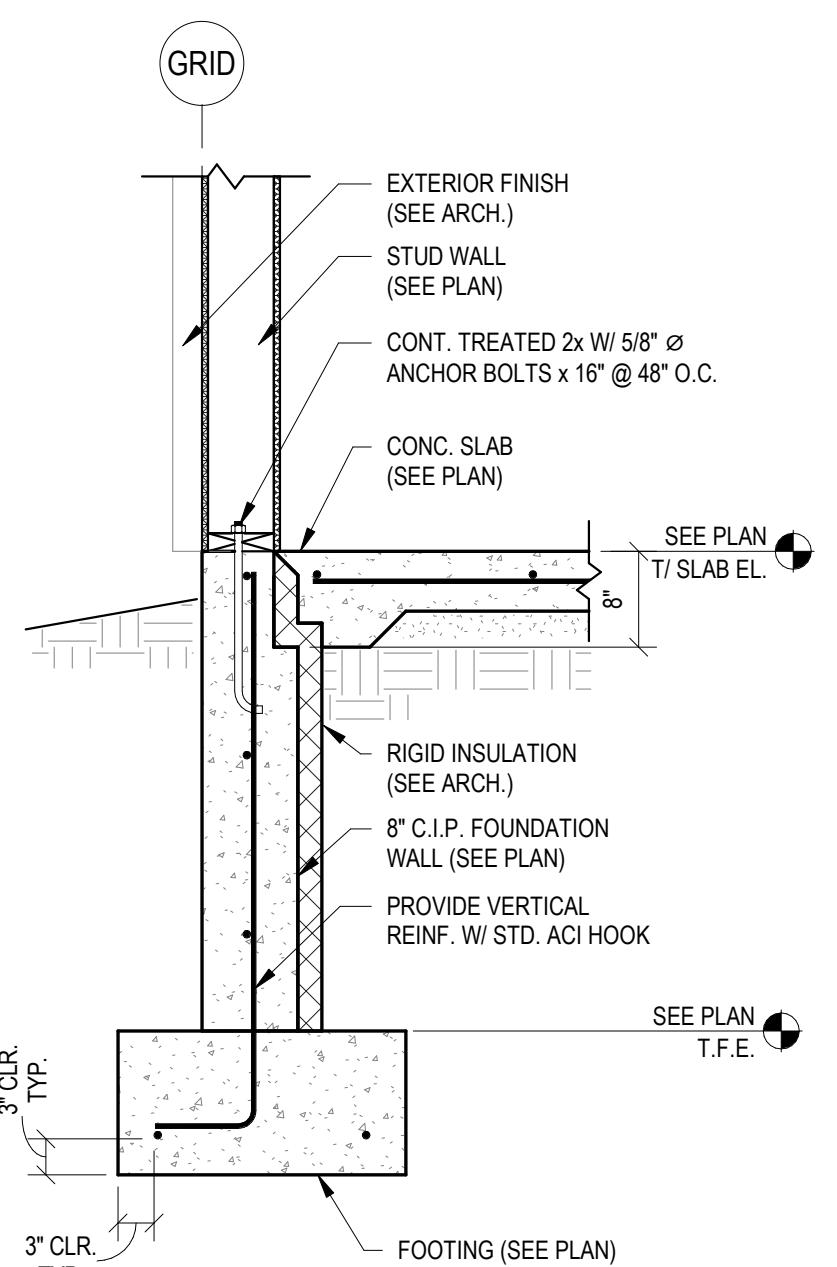
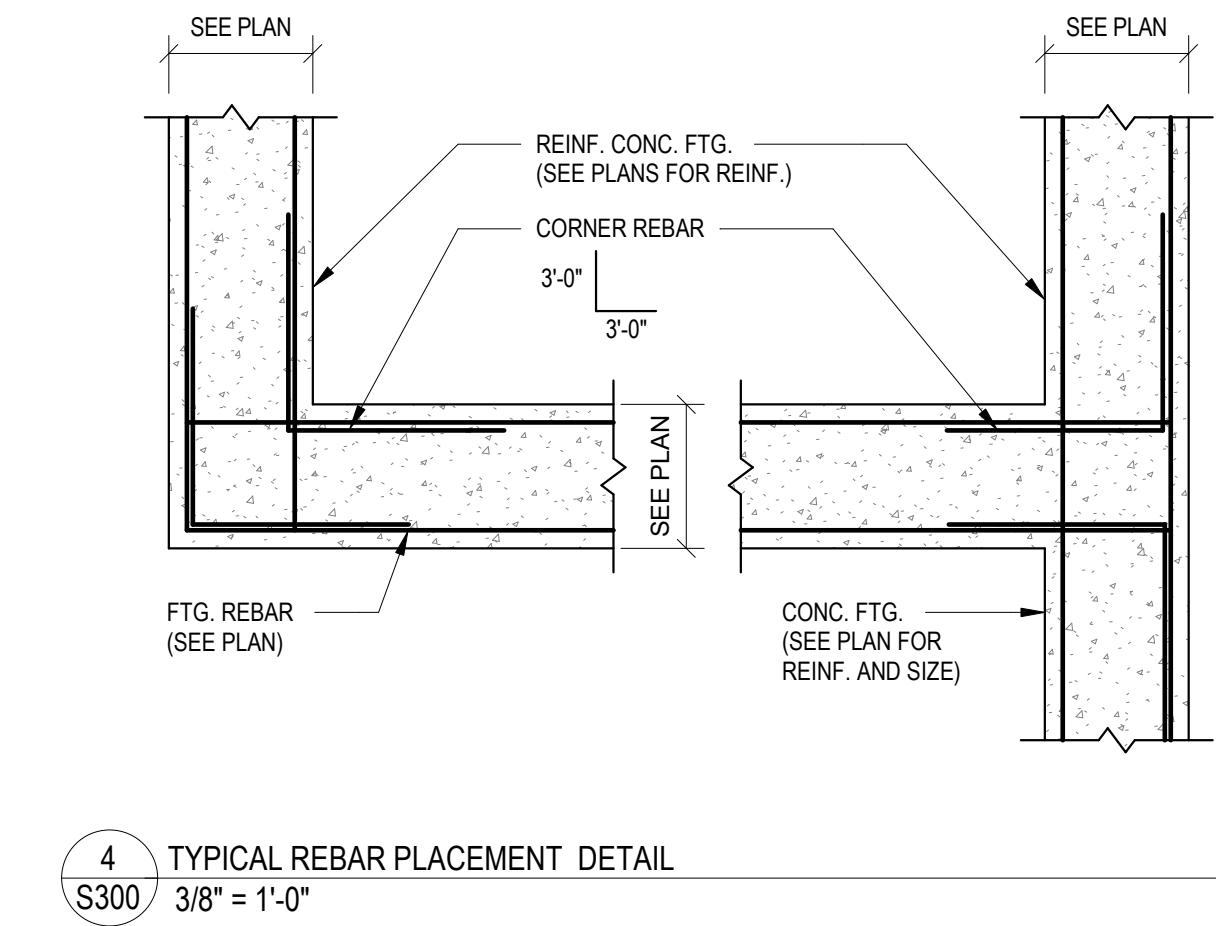
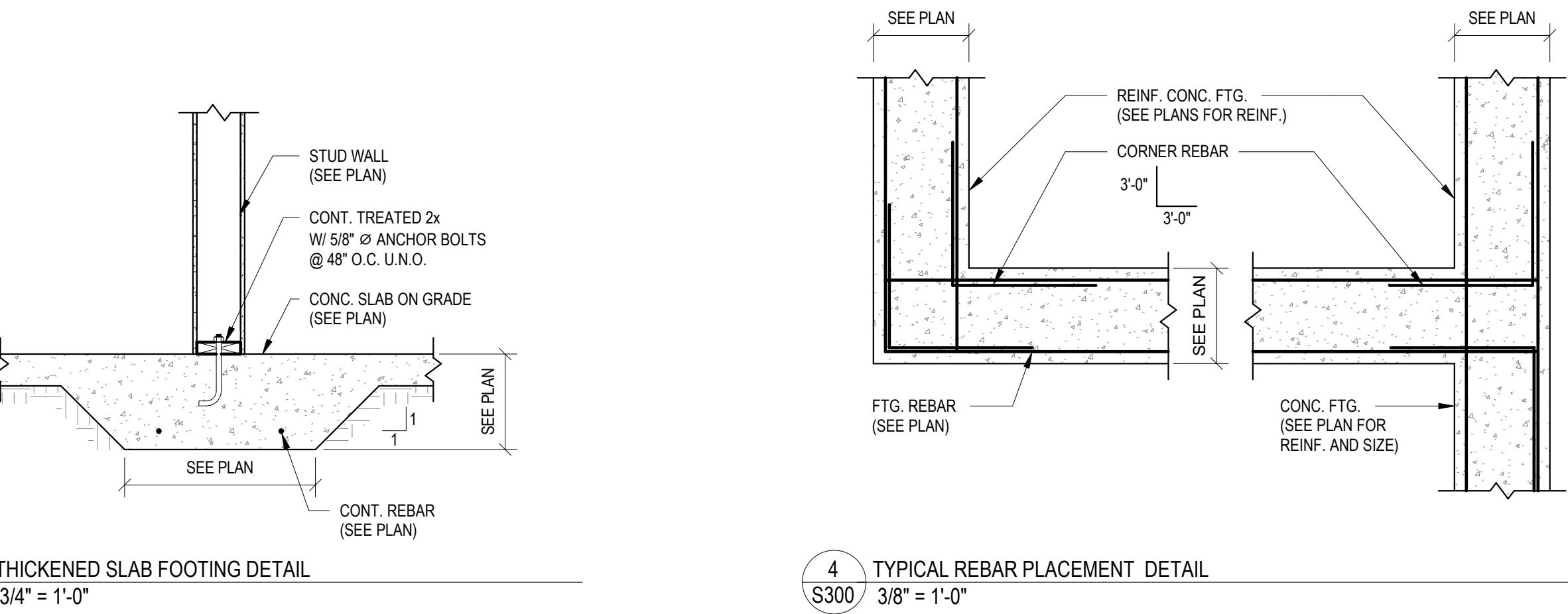
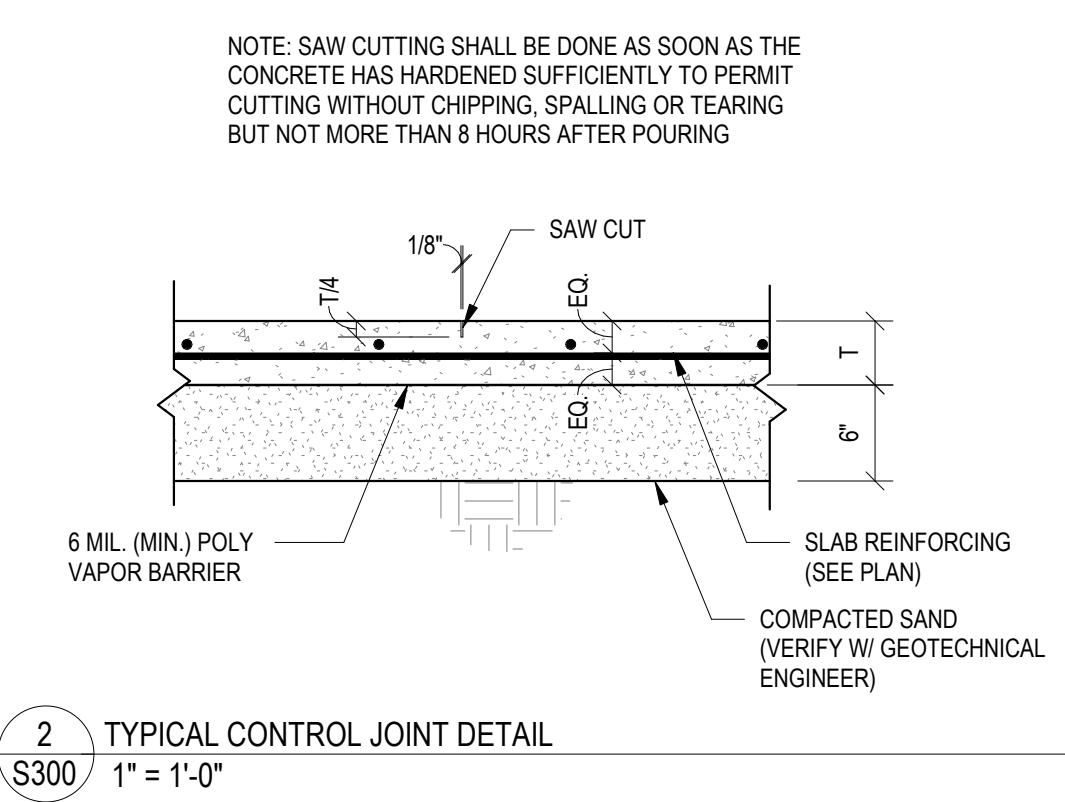
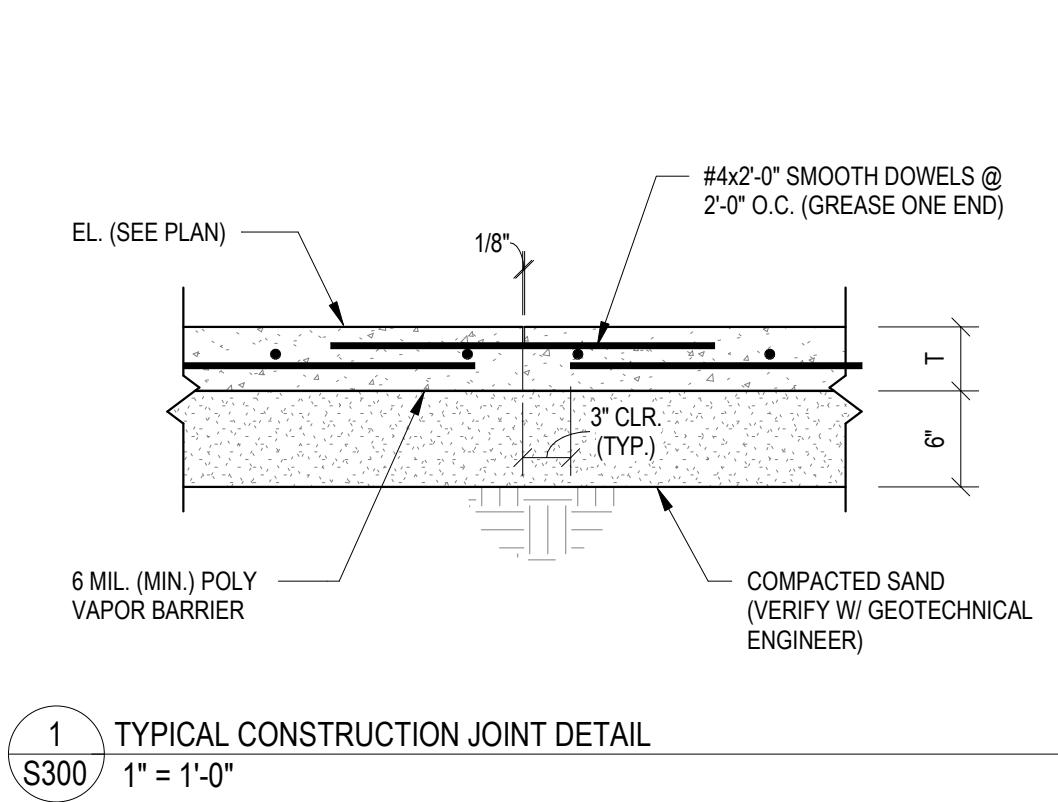
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FOUNDATION DETAILS

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S300



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FRAMING DETAILS

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S400