© Copyright protected. See Design Agreement. For use on this project only. Unauthorized reproduction of any part of this material is prohibited.

CONCRETE AND CMU WALL SCHEDULE

MARK	SIZE	TYPE	VERT REINF	HORIZ REINF	END COND	COMMENTS
CMU1	12"	CMU F'm = 2,000 PSI	(2) #5 @ 24" OC REF 15A/S04.01	(2) #4 @ 48" OC	#4 HAIRPIN	RUNNING BOND
CMU2	8"	NON-BEARING CMU F'm = 1,500 PSI	#5 @ 24" OC CENTERED	(2) #4 @ 48" OC	NOT REQ'D	RUNNING BOND, REF 46/S06.03 FOR TOP CONNECTION
CW1	12"	CONCRETE RETAINING WALL	#7 @ 6" OC OUTSIDE FACE #6 @ 6" OC INSIDE FACE	#5 @ 12" OC EACH FACE	N/A	
CW2	18"	CONCRETE RETAINING WALL	#7 @ 6" OC OUTSIDE FACE #6 @ 6" OC INSIDE FACE	#5 @ 12" OC EACH FACE	N/A	

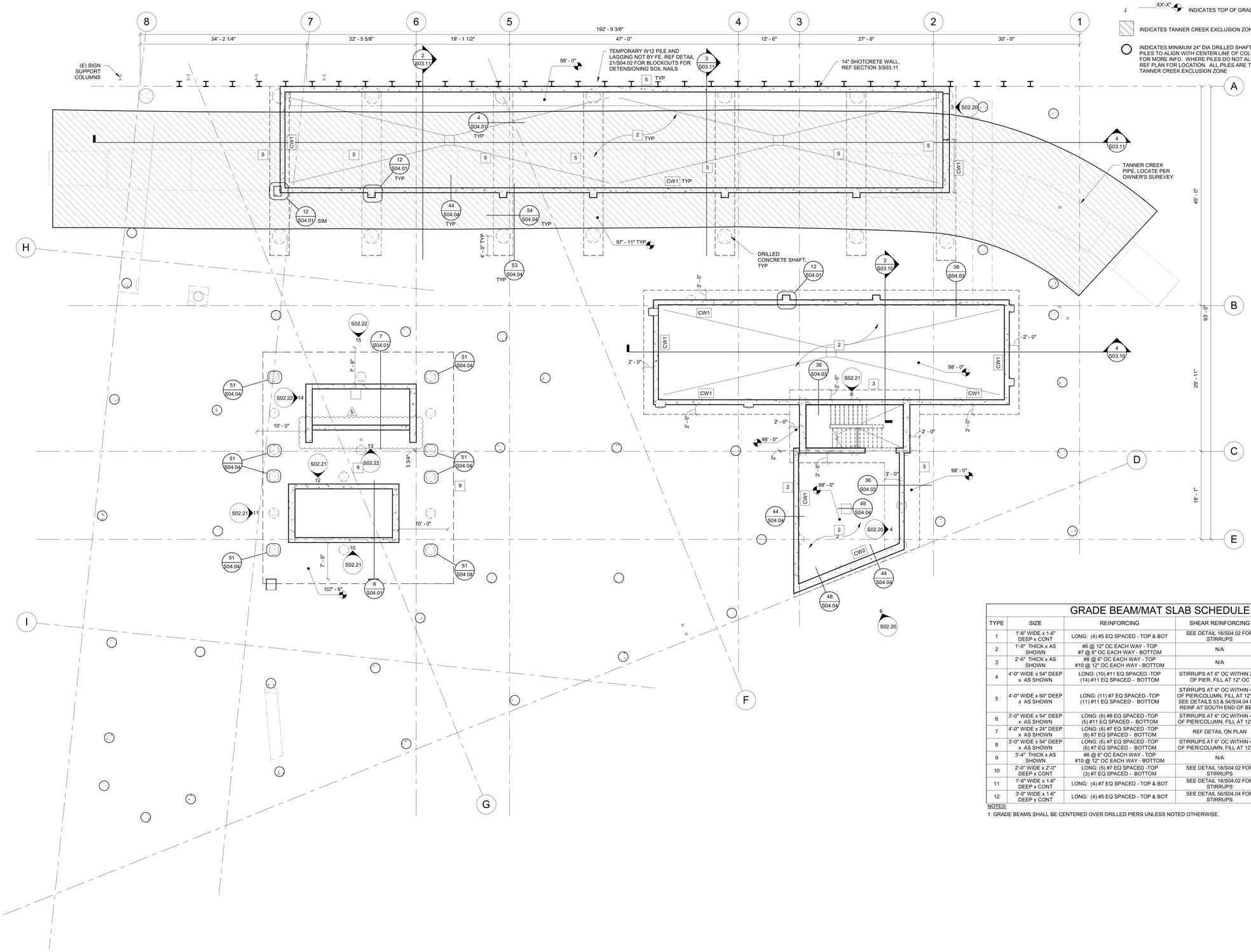
NOTES:
1. AT LOCATIONS WITH PILASTERS AT THE END OF THE SHEAR WALL, THE LARGER OF PILASTER AND END REINFORCEMENT SHALL CONTROL AS THE END REINFORCEMENT.
2. AT CORNERS OF INTERSECTING WALLS, THE LARGER REINFORCEMENT SHALL GOVERN.
3. HORIZONTAL REINFORCEMENT SHALL BE HOOKED AROUND END REINFORCEMENT W/ STANDARD 180 DEGREE HOOKS

FOUNDATION PLAN NOTES

A FOR A COMPLETE LEGEND OF ALL CALLOUTS AND SYMBOLS REF COVER SHEET AND SCHEDULES.
B CONTRACTOR TO LAYOUT CONTROL JOINTS PER THE CRITERIA IN STRUCTURAL NOTES & DETAIL 8/S04.01 AND SUBMIT TO THE DESIGN TEAM FOR REVIEW AND APPROVAL.
C STEP GRADE BEAMS FROM ELEVATION TO ELEVATION AS REQUIRED, REF DETAIL 35/S04.03
D REFERENCE GEOTECHNICAL REPORT FOR SUBGRADE REQUIREMENTS.
E ALL SLAB ON GRADE FINISHES SHALL BE IN ACCORDANCE WITH ARCHITECTURAL REQUIREMENTS.
F REFERENCE ARCHITECT FOR ALL EDGE OF SLAB DIMENSIONS.
G REFERENCE MECHANICAL / PLUMBING DRAWINGS FOR LOCATIONS OF FLOOR DRAINS AND OTHER PENETRATIONS.
H WALLS SHALL REACH DESIGN STRENGTH PRIOR TO BACK FILLING WALLS
I MONITOR WALLS FOR SIGNS OF SWELLING OR DISTRESS DURING BACK FILLING AND COMPACTION. PROVIDE SHORING AS REQUIRED.
J XX'-X" INDICATES TOP OF GRADE BEAM ELEVATION

INDICATES TANNER CREEK EXCLUSION ZONE, SEE CIVIL DRAWINGS

INDICATES MINIMUM 24" DIA DRILLED SHAFTS **NOT BY FE** PILES TO ALIGN WITH CENTER LINE OF COLUMNS ABOVE, SEE ARCH FOR MORE INFO. WHERE PILES DO NOT ALIGN UNDER COLUMN, REF PLAN FOR LOCATION. ALL PILES ARE TO BE LOCATED OUT OF TANNER CREEK EXCLUSION ZONE



1 Foundation Floor Plan - Pit
S01.00 1/8" = 1'-0"

GRADE BEAM/MAT SLAB SCHEDULE

TYPE	SIZE	REINFORCING	SHEAR REINFORCING	NOTES
1	1'-6" WIDE x 1-6" DEEP x CONT	LONG: (4) #5 EQ SPACED - TOP & BOT	SEE DETAIL 18/S04.02 FOR STIRRUPS	
2	1'-8" THICK x AS SHOWN	#6 @ 12" OC EACH WAY - TOP #7 @ 6" OC EACH WAY - BOTTOM	N/A	MAT SLAB
3	2'-6" THICK x AS SHOWN	#8 @ 6" OC EACH WAY - TOP #10 @ 12" OC EACH WAY - BOTTOM	N/A	MAT SLAB
4	4'-0" WIDE x 54" DEEP x AS SHOWN	LONG: (10) #11 EQ SPACED -TOP (14) #11 EQ SPACED - BOTTOM	STIRRUPS AT 6" OC WITHIN 2'-0" OF PIER, FILL AT 12" OC	SEE DETAIL 9/S04.01 FOR STIRRUPS
5	4'-0" WIDE x 60" DEEP x AS SHOWN	LONG: (11) #7 EQ SPACED -TOP (11) #11 EQ SPACED - BOTTOM	STIRRUPS AT 6" OC WITHIN 4'-0" OF PIER/COLUMN, FILL AT 12" OC, SEE DETAILS 53 & 54/S04.04 FOR REINF AT SOUTH END OF BEAM	SEE DETAIL 9/S04.01 FOR STIRRUPS
6	3'-0" WIDE x 54" DEEP x AS SHOWN	LONG: (6) #8 EQ SPACED -TOP (5) #11 EQ SPACED - BOTTOM	STIRRUPS AT 6" OC WITHIN 4'-0" OF PIER/COLUMN, FILL AT 12" OC	SEE DETAIL 9/S04.01 FOR STIRRUPS
7	4'-0" WIDE x 24" DEEP x AS SHOWN	LONG: (6) #7 EQ SPACED -TOP (6) #7 EQ SPACED - BOTTOM	REF DETAIL ON PLAN	
8	3'-0" WIDE x 54" DEEP x AS SHOWN	LONG: (6) #7 EQ SPACED -TOP (6) #7 EQ SPACED - BOTTOM	STIRRUPS AT 6" OC WITHIN 4'-0" OF PIER/COLUMN, FILL AT 12" OC	SEE DETAIL 9/S04.01 FOR STIRRUPS
9	3'-4" THICK x AS SHOWN	#8 @ 6" OC EACH WAY - TOP #10 @ 12" OC EACH WAY - BOTTOM	N/A	MAT SLAB
10	2'-0" WIDE x 2'-0" DEEP x CONT	LONG: (5) #7 EQ SPACED -TOP (3) #7 EQ SPACED - BOTTOM	SEE DETAIL 18/S04.02 FOR STIRRUPS	
11	1'-6" WIDE x 1-6" DEEP x CONT	LONG: (4) #7 EQ SPACED - TOP & BOT	SEE DETAIL 18/S04.02 FOR STIRRUPS	
12	3'-0" WIDE x 1-6" DEEP x CONT	LONG: (4) #5 EQ SPACED - TOP & BOT	SEE DETAIL 56/S04.04 FOR STIRRUPS	

NOTES:
1. GRADE BEAMS SHALL BE CENTERED OVER DRILLED PIERS UNLESS NOTED OTHERWISE.

City Of Portland
REVIEWED FOR CODE COMPLIANCE
Date: 02/11/20
Project: ~~19-105743-REV-01-CO~~

SERA

ARCHITECTURE
URBAN DESIGN + PLANNING
INTERIOR DESIGN

PORTLAND OREGON 97209
P: 503.445.7372
F: 503.445.7395
SERADESIGN.COM

REGISTERED PROFESSIONAL ENGINEER STRUCTURAL 51411PE OREGON SEPT. 22, 1989 TIMOTHY T. TERICH EXPIRES 6-30-20

FROELICH ENGINEERS
17700 SW Upper Boones Ferry Rd. Suite #115
Portland, Oregon 97223
503.624.7005
froelich-engineers.com
18-T066

18S
GREYSTAR
1715 SW Salmon St
Portland, OR 97205

REVISIONS

1	ADDENDUM 1	5/3/2019
2	ADDENDUM 2	5/9/2019
A	PERMIT RESPONSE 1	6/03/2019
B	PERMIT RESPONSE 2	7/26/2019
3	AB 01	9/27/2019
5	AB 04	12/11/2019

CHECKED BY: Checker
ISSUE DATE: 27 SEP 2019
PROJECT NO: 1803002

FOUNDATION FLOOR PLAN PIT

S01.00

Construction Set