

PILE CAP AND GRADE BEAM SCHEDULE
 SCALE: 1/8"=1'-0"

MARK	PLAN DETAIL	SCALE: 1/8"=1'-0"	NOTES
PC1		1/8"=1'-0"	#5 @ 6" O.C. E.W. TOP AND BOT. #4 @ 6" O.C. PERIMETER. REINFORCING PROVIDE #4 BARS VERTICAL TIES @ 12" O.C. -TYP. PILE CAP BEARS ON (3) 50 KIP PILES.
PC2		1/8"=1'-0"	#5 LONG TOP AND BOT. W/ #4 @ 6" O.C. TRANS. #4 BARS @ 6" O.C. PERIMETER. REINFORCING PROVIDE #4 BARS VERTICAL TIES @ 12" O.C. -TYP. PILE CAP BEARS ON (2) 50 KIP PILES.
-GB-01-	10" WIDE x 16" DEEP GRADE BEAM		(4) #5 CONT. @ BOTTOM & (4) #4 CONT. @ TOP.

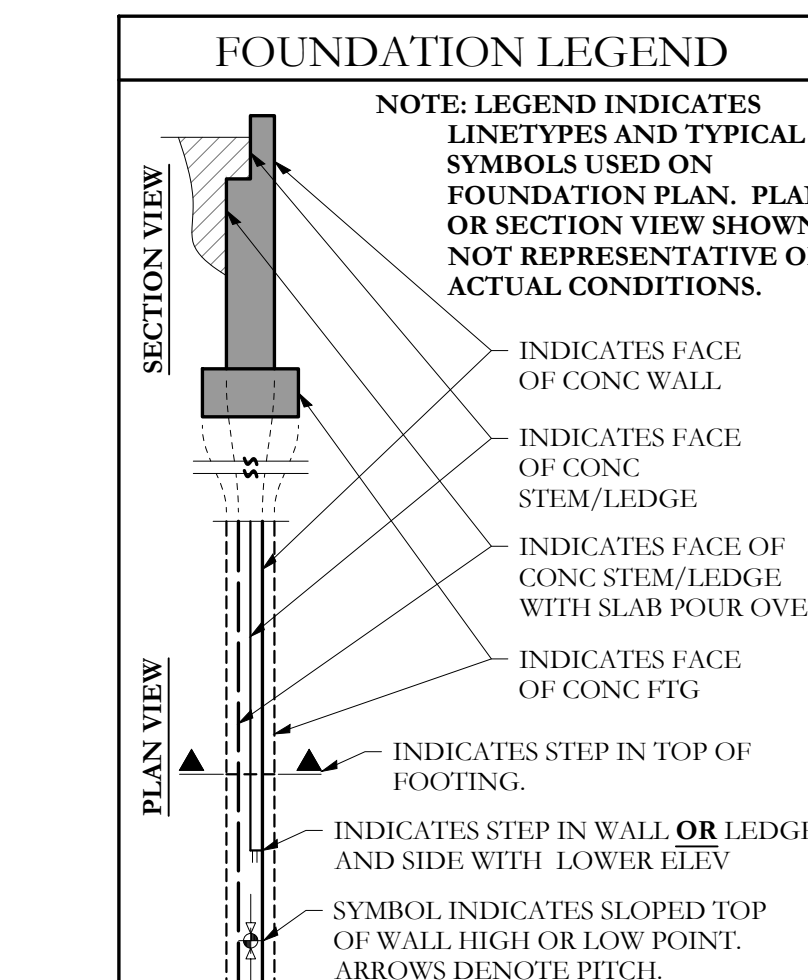
FOUNDATION PLAN
 NOTES:
 1. SEE SHEET S1.00 + S1.01 FOR GENERAL STRUCTURAL NOTES AND ADDITIONAL INFORMATION.
 2. COORDINATE ALL THRU SLAB PLUMBING & CHASES ETC. W/ ARCH AND MECHANICAL DRAWINGS -TYP.
 3. ALL ELEVATIONS BASED OFF REFERENCE ELEVATION 100.00' EQUAL TO USGS 118.0'
 4. COORDINATE ALL BASEMENT & GARAGE TOP OF SLAB/GRADING ELEVATIONS GRADING WITH CIVIL.
 5. TOP OF FOOTING INDICATED AS SUCH (XXX-XX') -TYP.
 6. TOP OF SLAB INDICATED AS SUCH (TOSLAB = XXX-XX')
 7. VERIFY TOP OF GARAGE SLAB W/ CIVIL -TYP.

CONCRETE WALL SCHEDULE

MARK	SIZE	WALL REINFORCING	NOTES
CW-01	10" WIDE x CONT.	#4 @ 12" O.C. VERT. & #4 @ 10" O.C. HORIZ. MID DEPTH	TYPICAL TALL WALL AT FROSTED GARAGE RETAINING SOIL UNO.
CW-02	18" WIDE x CONT.	(2) MATS #4 @ 12" O.C. E.W. ONE MAT EA. FACE	TYPICAL SHALLOW FROSTED PROTECTED WALL.
CW-03	8" WIDE x CONT.	#4 @ 18" O.C. VERT. & #4 @ 10" O.C. HORIZ. MID DEPTH	
CW-04	16" WIDE x CONT.	#4 @ 18" O.C. VERT. E.F. & #4 @ 12" O.C. HORIZ. E.F.	
CW-05	24" WIDE x CONT.	(3) MATS #5 @ 12" E.W. PROVIDE (4) #6 BARS LONG @ TOP W/ HOOK ENDS. PROVIDE (2) #5 HOOK DOWELS @ 12" INTO FTG TO MATCH VERTICAL REINF. @ OUTSIDE FACE MATS	CONC WALL TO BE USED AS LATERAL FORCE RESISTING ELEMENT FROM BRACED TOWER ABOVE.
CW-06	20" WIDE x CONT.	#4 @ 16" O.C. VERT. E.F. & #4 @ 10" O.C. HORIZ. E.F.	
CW-07	12" WIDE x CONT.	(2) MATS #4 @ 12" O.C. E.W. ONE MAT EA. FACE	
CW-08	16" WIDE x CONT.	(2) MATS #4 @ 12" O.C. E.W. ONE MAT EA. FACE	
CW-09	14" WIDE x CONT.	(2) MATS #4 @ 12" O.C. E.W. ONE MAT EA. FACE	

CONCRETE FOOTING SCHEDULE

MARK	SIZE	FTG REINFORCING	BEAR FTG ON:
-CF-01-	24" WIDE x 12" THICK x CONT.	(3) #5 CONT. -TYP. #5 HOOK DOWELS @ 32"	LEAN CONCRETE PAD (AS NEEDED) ON SOLID BEDROCK.
-CF-02-	30" WIDE x 12" THICK x CONT.	(4) #5 CONT. #4 HOOK DOWELS @ 24" O.C. PER SECTION	NEEDED ON SOLID BEDROCK.
-CF-03-	30" WIDE x 12" THICK x CONT.	(4) #5 CONT. #4 HOOK DOWELS @ 24" O.C. PER SECTION	GLACIAL TILL OR COMPACTED STRUCTURAL FILL ON GLACIAL TILL PER GEOTECH.
-CF-04-	16" WIDE x 10" THICK x CONT.	(2) #5 CONT. #4 HOOK DOWELS @ 32" O.C. PER SECTION	GLACIAL TILL OR COMPACTED STRUCTURAL FILL ON GLACIAL TILL PER GEOTECH.
F2.0	2'-0" SQ x 12" THICK FTG CONT WITH STRIP FOOTING	#4 @ 12" O.C. E.W. BOT MAT	PILE CAP BELOW
F4.5	4'-0" SQ x 12" THICK ISOLATED FTG	#4 @ 12" O.C. E.W. TOP MAT & #5 @ 12" O.C. BOT MAT	GLACIAL TILL OR COMPACTED TILL PER GEOTECH.
F5	3'-0" SQ x 14" THICK ISOLATED FTG	#5 @ 12" O.C. E.W. TOP MAT & #5 @ 6" O.C. BOT MAT	LEAN CONCRETE PAD (AS NEEDED) ON SOLID BEDROCK.
F6	6'-0" SQ x 16" THICK ISOLATED FTG	#5 @ 12" O.C. E.W. TOP MAT & #5 @ 6" O.C. BOT MAT	LEAN CONCRETE PAD (AS NEEDED) ON SOLID BEDROCK.
F7.5	7'-6" SQ x 18" THICK ISOLATED FTG	#5 @ 12" O.C. E.W. TOP MAT & #6 @ 4" O.C. BOT MAT	LEAN CONCRETE PAD (AS NEEDED) ON SOLID BEDROCK.



APPROXIMATE TOP OF FOOTING ELEVATIONS TO BE (VERIFIED BASED ON FIELD CONDITIONS):
 * TOP OF FOOTING MAX ELEV WHERE REQUIRED TO BEAR ON LEDGE @ BASEMENT = REF (89.3') = USGS 107.25'
 ** NOTE: FOOTINGS BEARING ON LEDGE WILL LIKELY BEAR TO ACHIEVE BEARING ON SOLID LEDGE DEPENDING ON SITE CONDITIONS.