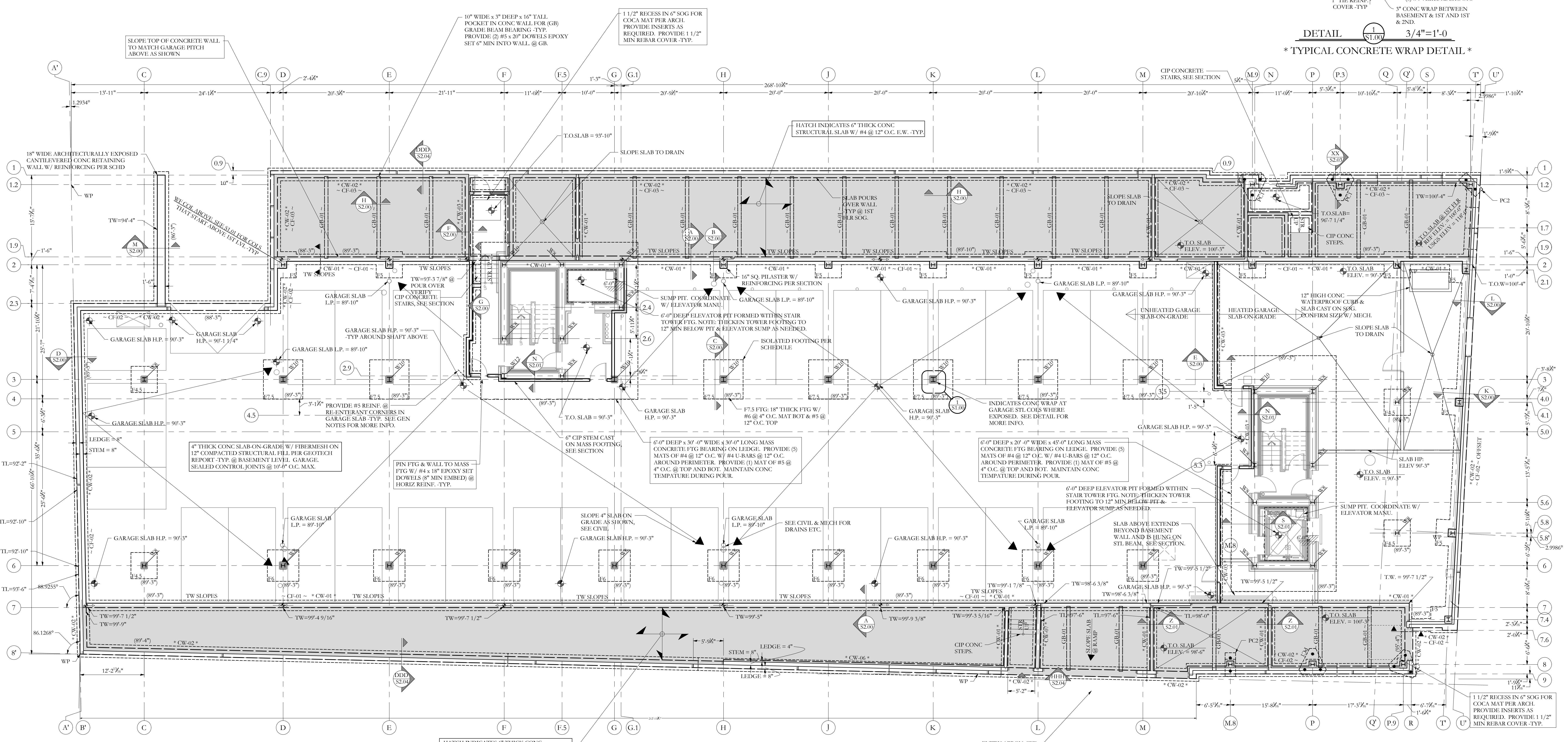


DETAIL 1
3/4"=1'-0"
* TYPICAL CONCRETE WRAP DETAIL *



PILE CAP AND GRADE BEAM SCHEDULE			
MARK	PLAN DETAIL	SCALE: 1/8"=1'-0"	NOTES
PC1			#5 @ 6" O.C. E.W. TOP AND BOT. #4 @ 6" O.C. TRANS. #4 @ 6" O.C. PERIMETER REINFORCING. PROVIDE #4 BARS VERTICAL TIES @ 12" O.C. TYP. PILE CAP BEARS ON (3) 30 KIP PILES.
PC2			#5 LONG TOP AND BOT. #4 @ 6" O.C. TRANS. #4 @ 6" O.C. PERIMETER REINFORCING. PROVIDE #4 BARS VERTICAL TIES @ 12" O.C. TYP. PILE CAP BEARS ON (2) 30 KIP PILES.
GB-01			(4) #5 CONT. @ BOTTOM & (4) #4 CONT. @ TOP.

FOUNDATION PLAN

- NOTES:
- SEE SHEET S1.00 + S1.01 FOR GENERAL STRUCTURAL NOTES AND ADDITIONAL INFORMATION.
 - COORDINATE ALL THRU SLAB PLUMBING & CHASES ETC. W/ ARCH AND MECHANICAL DRAWINGS -TYP.
 - ALL ELEVATIONS BASED OFF REFERENCE ELEVATION 100'-0" EQUAL TO USGS 118'-0"
 - COORDINATE ALL BASEMENT & GARAGE TOP OF SLAB/GRADING ELEVATIONS GRADING WITH CIVIL.
 - TOP OF FOOTING INDICATED AS SUCH (XXX-XX) -TYP.
 - TOP OF SLAB INDICATED AS SUCH (T.O.SLAB = XXX-XX) -TYP.
 - 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 BASEMENT 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 *	10" WIDE x CONT.	#4 @ 18" O.C. VERT. E.L. & #4 @ 12" O.C. HORIZ. E.L.	
* 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 @ 10" O.C. VERT. E.L. & #4 @ 10" O.C. HORIZ. E.L.	
* CW-07 *	12" WIDE x CONT.	#4 @ 12" O.C. E.W.	

- NOTE:
- ALL CONC WALLS SHALL HAVE MIN (2) #5 CONT. HORIZ. REINF. @ TOP & BOT -TYP. UNO
 - ADDITIONAL REINFORCING IS ALSO INDICATED IN PLANS AND SECTION.

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 @ 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	LEAN CONCRETE PAD (AS 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'-3"
 - ** NOTE: FOOTINGS BEARING ON LEDGE WILL LIKELY STEP TO ACHIEVE BEARING ON SOLID LEDGE DEPENDING ON SITE CONDITIONS.

