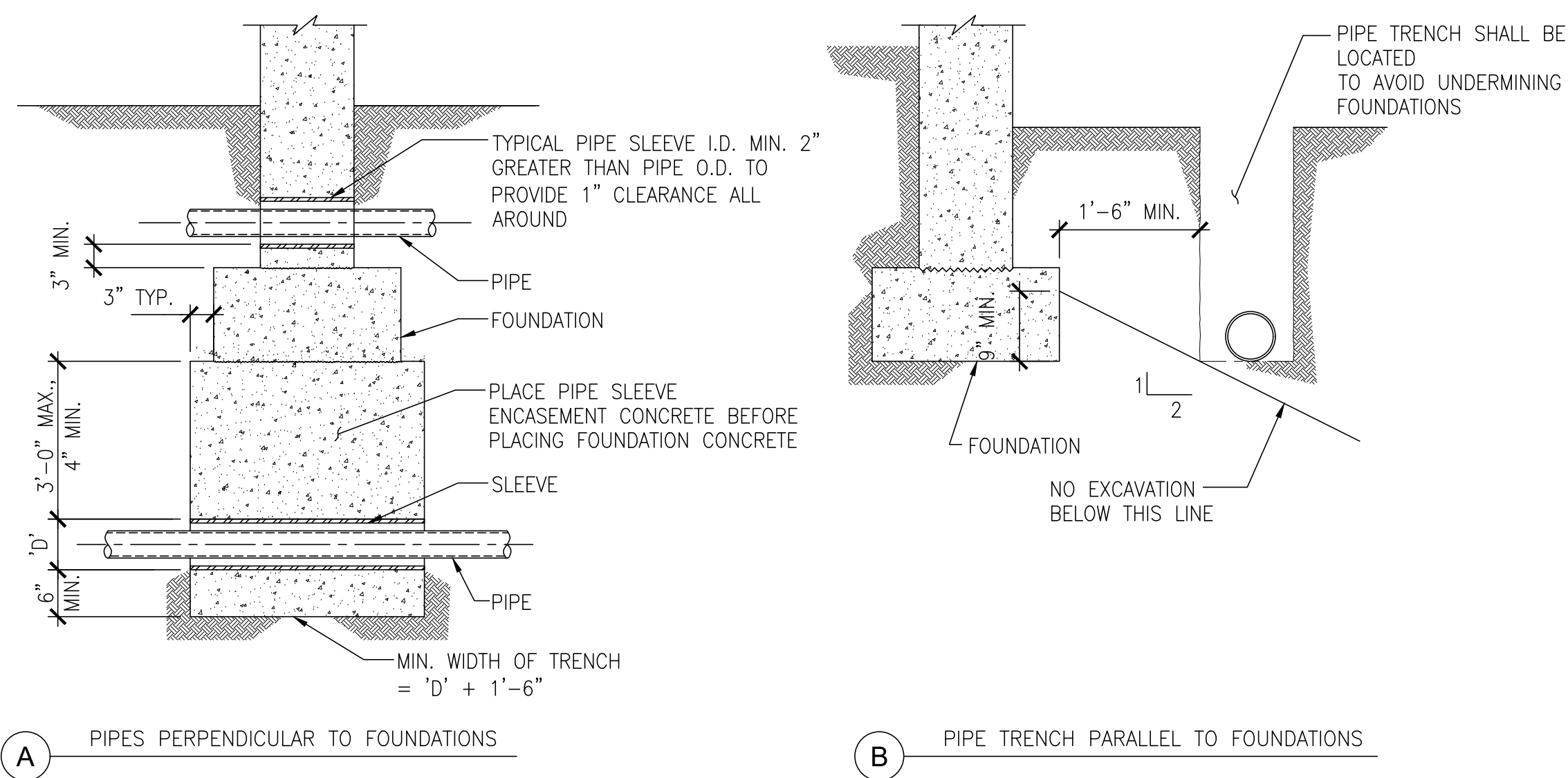
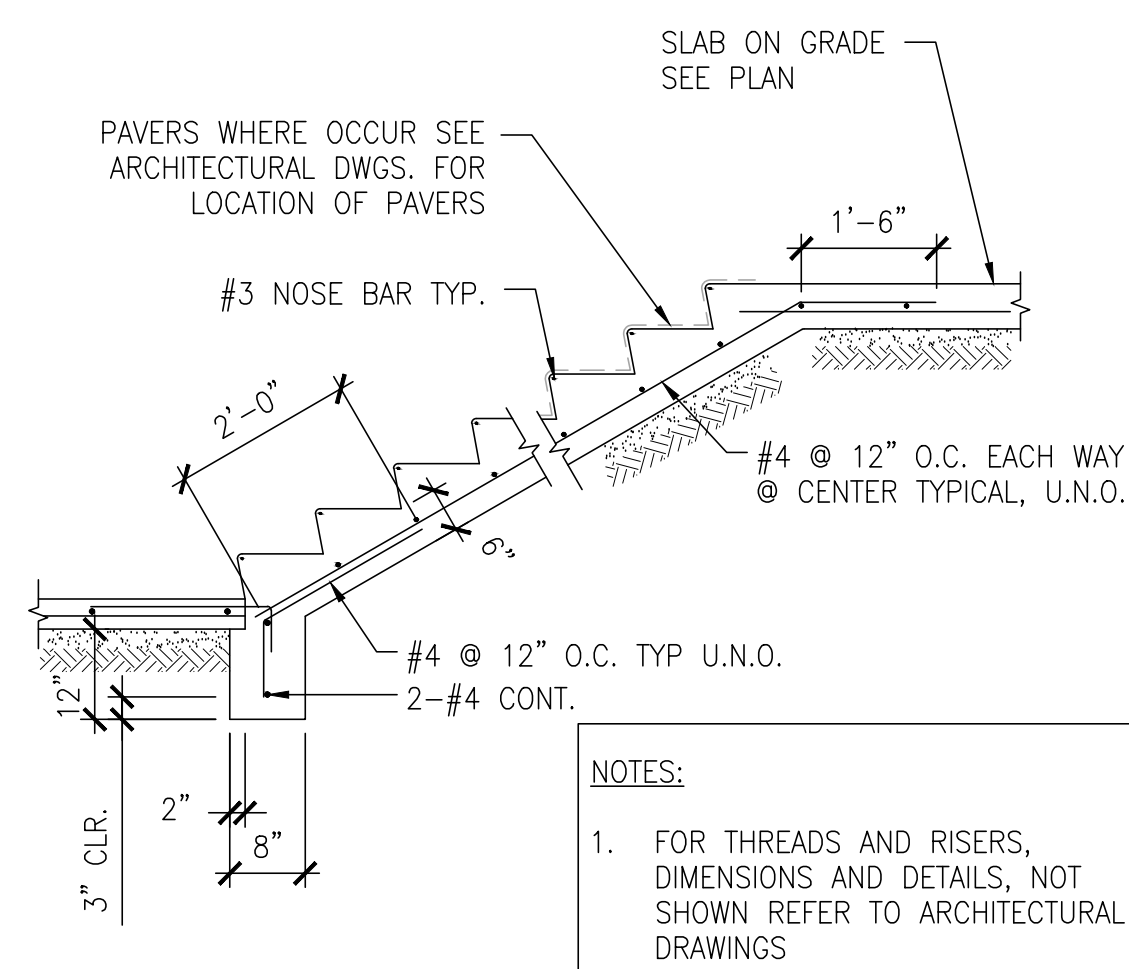


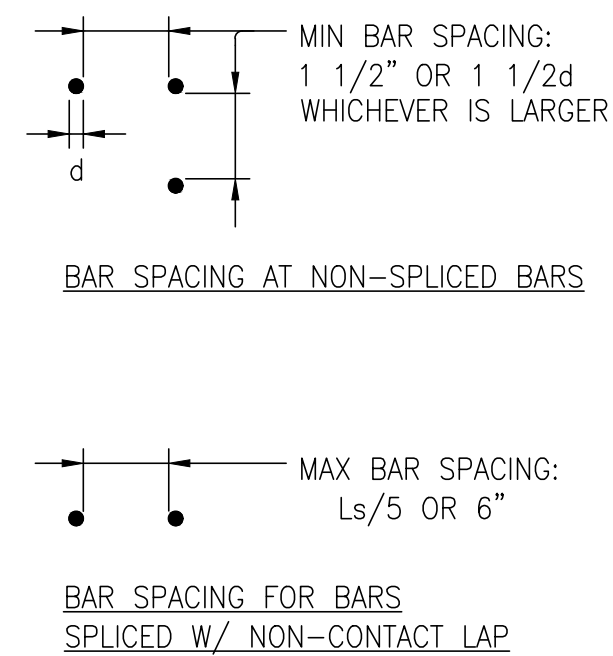
INDICATES CONCRETE FOUNDATION BELOW



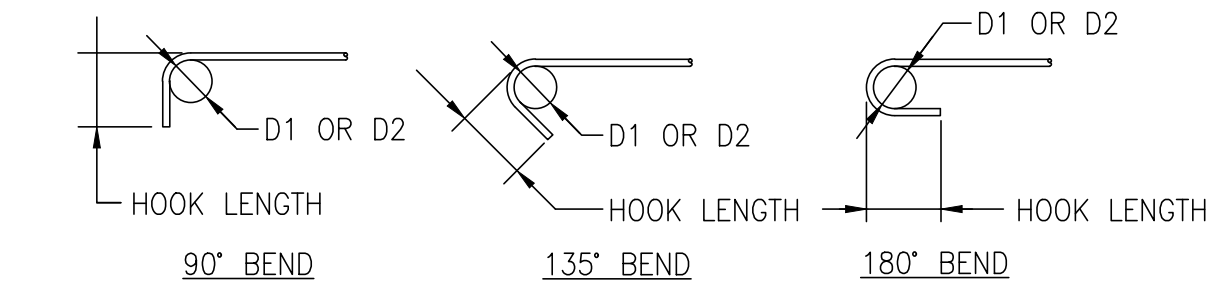
17 TYPICAL UTILITY PIPES AND TRENCHES AT FOUNDATIONS



9 TYP. STAIR ON GRADE DETAIL

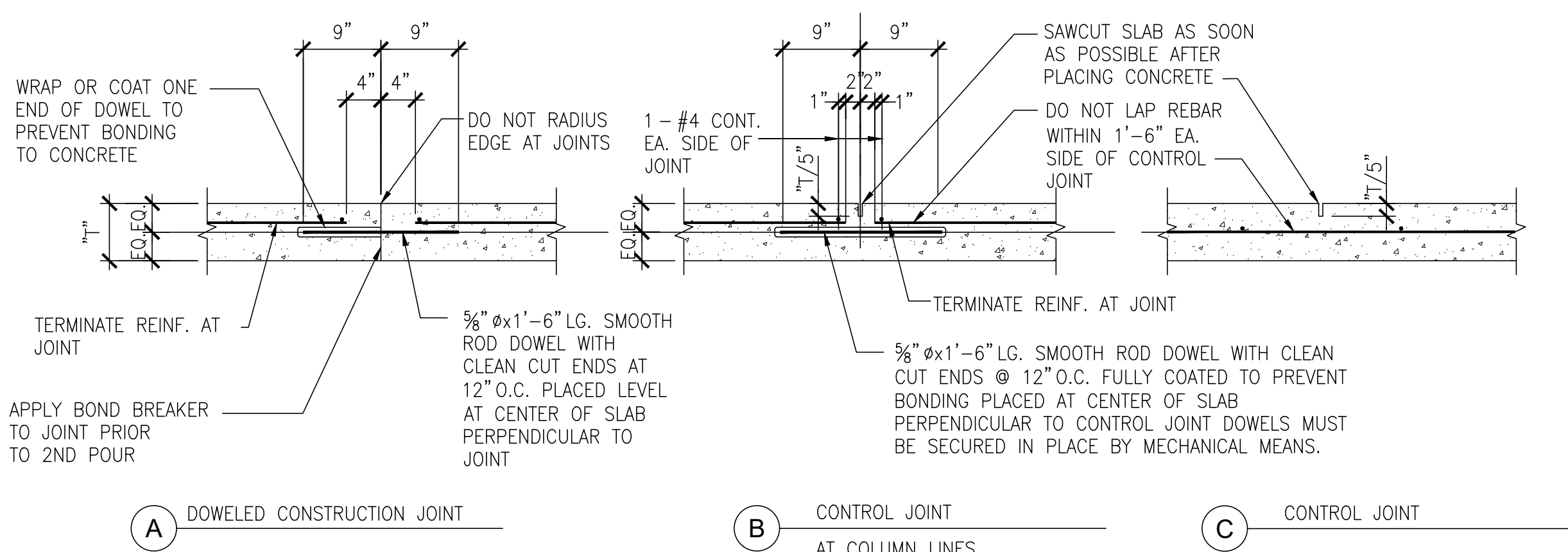


5 BAR SPACING

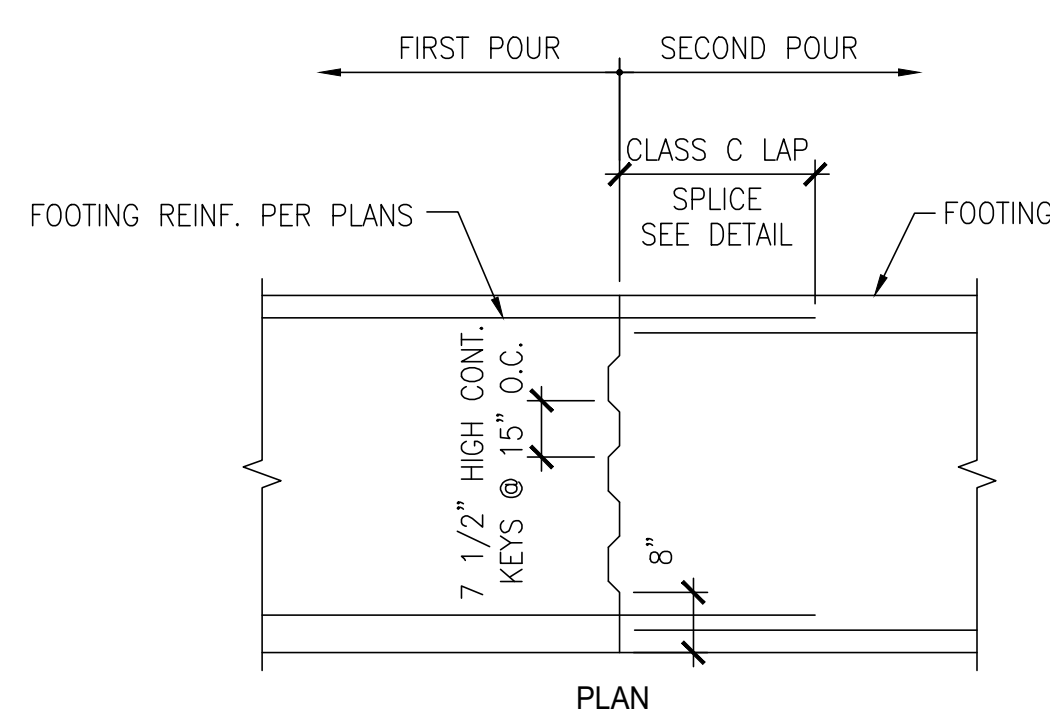


FINISHED BEND DIAMETERS				STANDARD HOOK LENGTHS				
BAR SIZE	D1	D2		BAR SIZE	MAIN REIN.	STIRRUP	THE HOOKS	
#3	1½"	2½"		#3	90°	180°	90°	135°
#4	2"	3"		#4	6"	4"	4"	4½"
#5	2½"	3½"		#5	8"	4½"	4½"	4½"
#6, #7, #8	6.0	6.0		#5	10"	5"	6"	6"
#9, #10, #11	—	8.0		#6	12"	6"	12"	8"
				#7	14"	7"	14"	9"
				#8	16"	8"	16"	10½"
				#9	19"	10½"	—	—
				#10	22"	12"	—	—
				#11	24"	13"	—	—

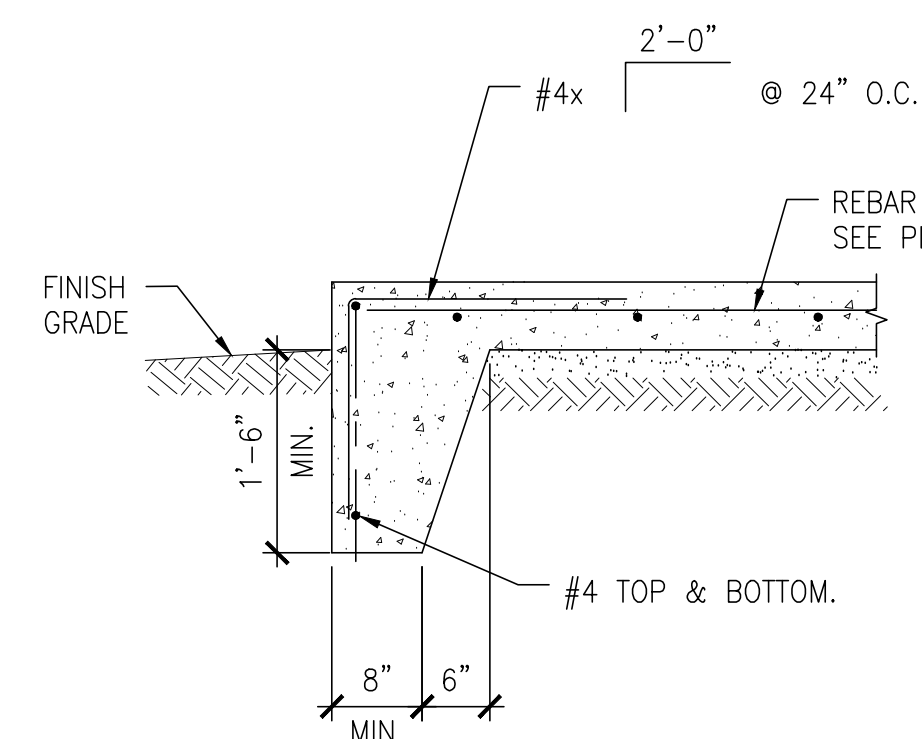
1 STD. CONC. REINF. STEEL HOOKS



18 TYP.SLAB ON GRADE CONSTRUCTION AND CONTROL JOINTS
- N.T.S.



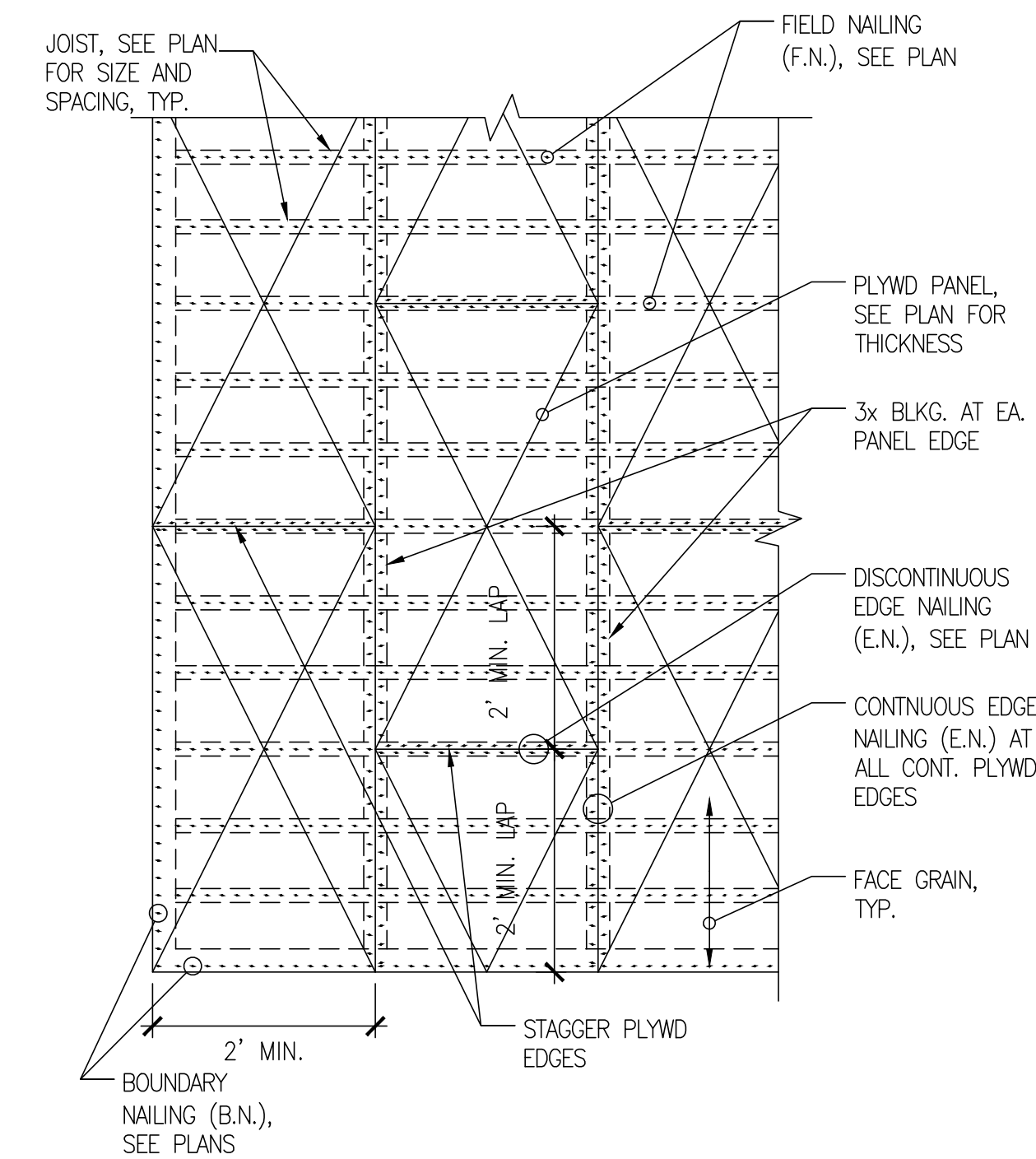
11 - CONT. FOOTING CONSTRUCTION JOINT



7 TYPICAL SLAB ON GRADE EDGE DETAIL
- N.T.S.

WALL THICKNESS	TENSION LAP SPLICE LENGTH						DEVELOPMENT LENGTH (l_d)					
	BAR SIZE						BAR SIZE					
	#4	#5	#6	#7	#8	#9	#4	#5	#6	#7	#8	#9
8" BLOCK	24"	32"	57"	-	-	-	25"	40"	71"	-	-	-
12" BLOCK	24"	30"	36"	56"	60"	76"	24"	30"	40"	60"	70"	95"

19 TYP. TENSION LAP SPLICE & DEVELOPMENT
- LENGTH SCHEDULE FOR CMU WALLS



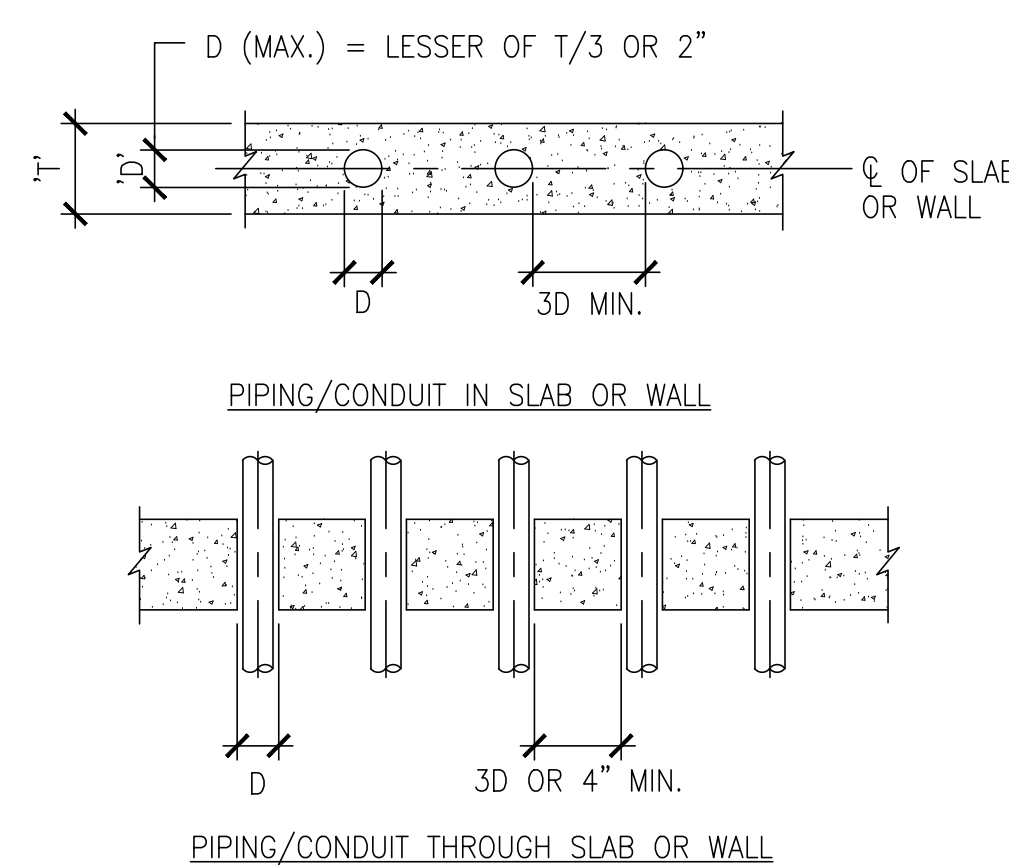
NOTES:

1. PROVIDE NAIL SIZE AND SPACING AS NOTED ON PLANS.
2. ALL PLYWOOD END JOINTS SHALL BE STAGGERED 2'-0" MIN. AS INDICATED.
3. LONG DIMENSION OF PLYWOOD SHEATHING/FACE GRAIN OF PLYWOOD SHALL BE LAID PERPENDICULAR TO JOIST.
4. PROVIDE MIN. 3/8" EDGE DISTANCE FOR PLYWOOD EDGE NAILING.
5. DIAPHRAGM NAILING TO BE INSPECTED BEFORE COVERING.
6. U.N.O. FLOOR SHALL HAVE TONGUE AND GROOVE OR BLOCKED PANEL EDGES.

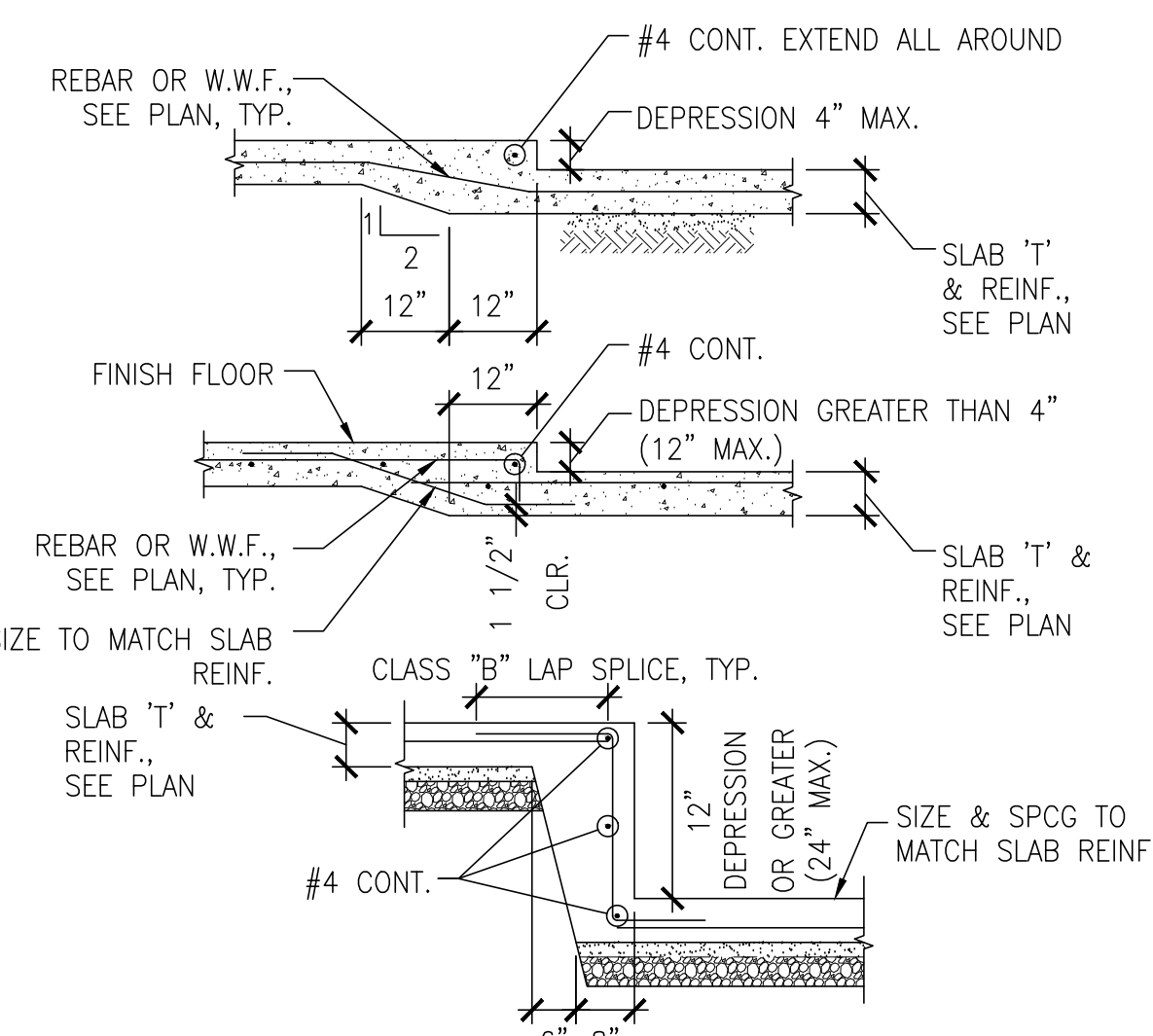
REFER TO NOTES ON PLAN

PLYWOOD SPANS SHALL CONFORM WITH TABLE 2304.7.

16 TYP. FLOOR/ROOF SHEATHING



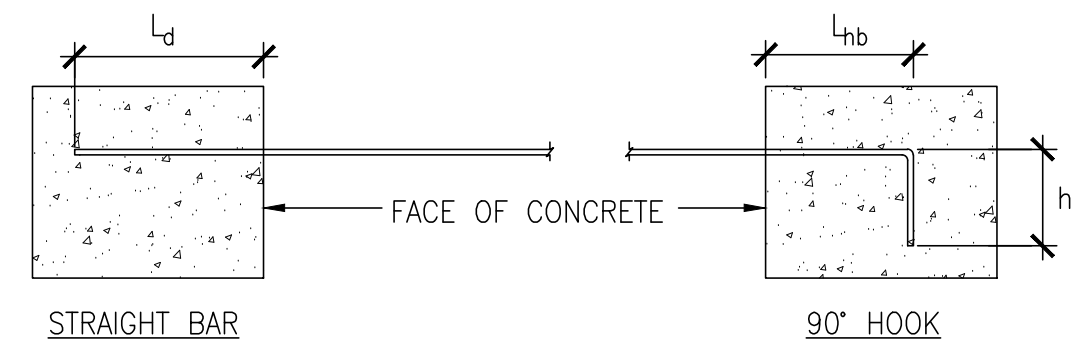
12	PIPING AND CONDUIT IN OR THROUGH	
-	SLAB OR WALL	N.



8 TYP. SLAB ON GRADE DEPRESSION DETAIL

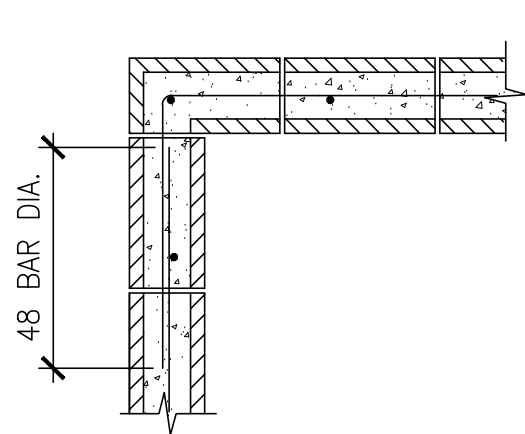
REINFORCEMENT LAP SPlice LENGTH "ls"						
CONCRETE STRENGTH	F'c = 3000 PSI		F'c = 4000 PSI		F'c = 5000 PSI	
	NOMINAL BAR SIZE	TOP BARS	OTHER BARS	TOP BARS	OTHER BARS	TOP BARS
#3	2'-4"	1'-10"	2'-0"	1'-7"	1'-11"	1'-6"
#4	3'-1"	2'-5"	2'-8"	2'-1"	2'-7"	2'-0"
#5	3'-11"	3'-0"	3'-4"	2'-7"	3'-2"	2'-6"
#6	4'-8"	3'-7"	4'-0"	3'-1"	3'-10"	2'-11"
#7	6'-9"	5'-3"	5'-11"	4'-6"	5'-4"	4'-2"
#8	7'-9"	6'-0"	6'-9"	5'-2"	6'-2"	4'-10"
#9	8'-9"	6'-9"	7'-7"	5'-10"	7'-0"	5'-5"
#10	9'-8"	7'-5"	8'-5"	6'-6"	7'-10"	6'-0"
#11	10'-8"	8'-2"	9'-3"	7'-1"	8'-8"	6'-8"

3	STD. CONC. REINF. OFFSETS AND LAP SPLICES	
-		N.T.S.

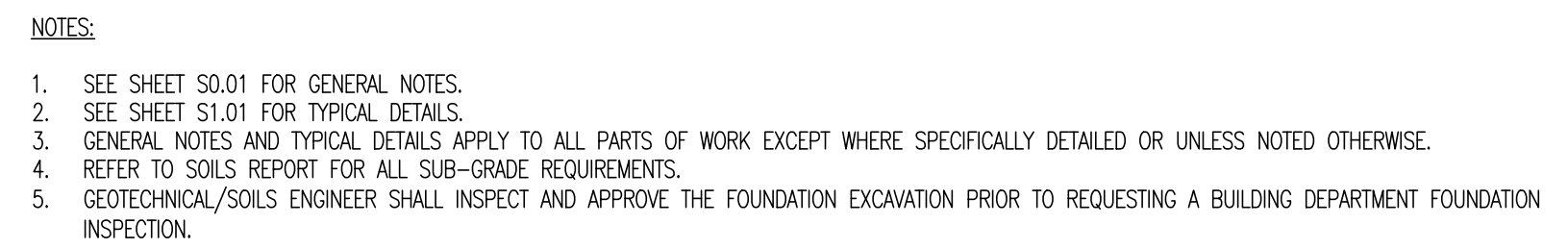


REINFORCEMENT DEVELOPMENT LENGTHS										
CONCRETE STRENGTH		F _c = 3000 PSI			F _c = 4000 PSI			F _c = 5000 PSI		
NOMINAL BAR SIZE	h	l _d		l _b	l _d		l _b	l _d		l _b
		TOP BARS	OTHER BARS		TOP BARS	OTHER BARS		TOP BARS	OTHER BARS	
#3	6"	1'-10"	1'-5"	7"	1'-7"	1'-3"	6"	1'-5"	1'-1"	6"
#4	8"	2'-5"	1'-10"	9"	2'-1"	1'-7"	8"	1'-11"	1'-5"	7"
#5	10"	3'-0"	2'-4"	11"	2'-7"	2'-0"	10"	2'-4"	1'-10"	9"
#6	12"	3'-7"	3'-9"	11"	3'-1"	2'-5"	11"	2'-10"	2'-2"	10"
#7	14"	5'-3"	3'-4"	1'-3"	4'-6"	3'-6"	1'-1"	4'-1"	3'-2"	1'-0"
#8	16"	6'-0"	4'-7"	1'-5"	5'-2"	4'-0"	1'-3"	4'-8"	3'-7"	1'-2"
#9	18"	6'-8"	5'-2"	1'-7"	5'-10"	4'-6"	1'-5"	5'-3"	4'-0"	1'-3"
#10	22"	7'-6"	6'-9"	1'-10"	6'-7"	5'-1"	1'-7"	5'-11"	4'-6"	1'-5"

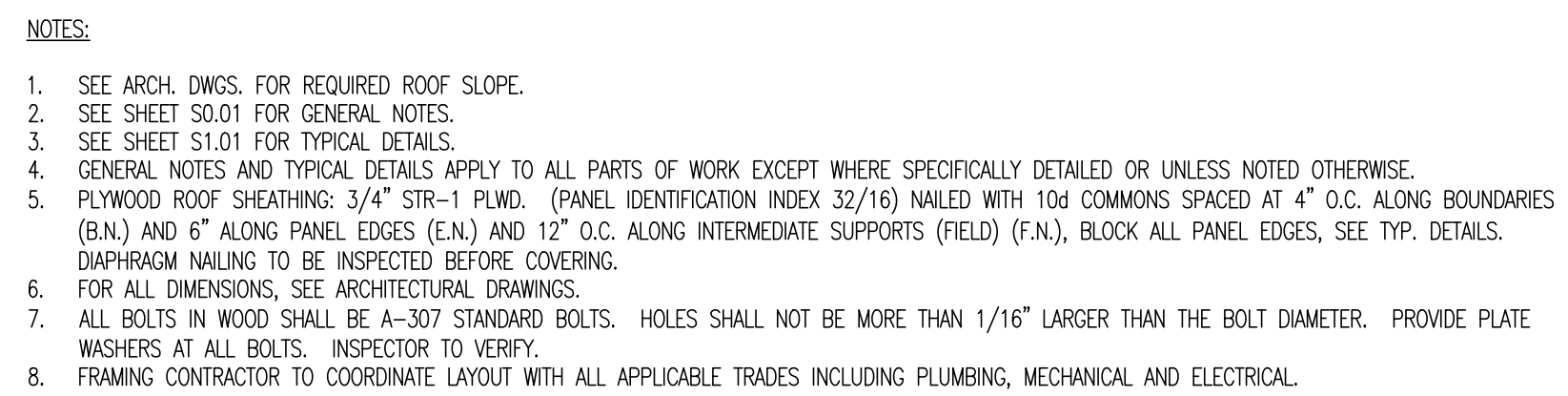
4	STD. CONC. REINF. DEVELOPMENT LENGTH	
-		N.T.S.



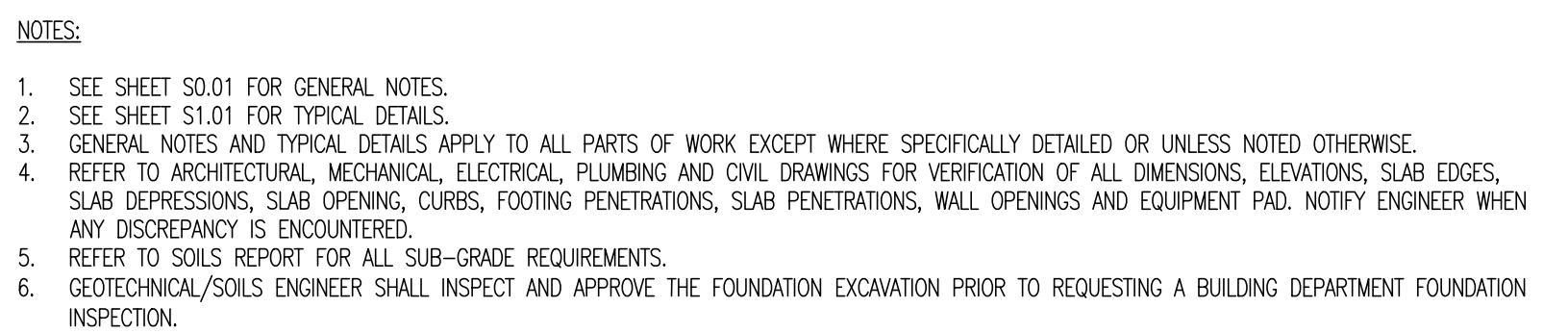
19 TYP. CMU WALL CORNER

[illegible]

N.T.S.



N.T.S.



N.T.S.

