

SEE DETAIL DRAWING
FOR CALCULATIONS.

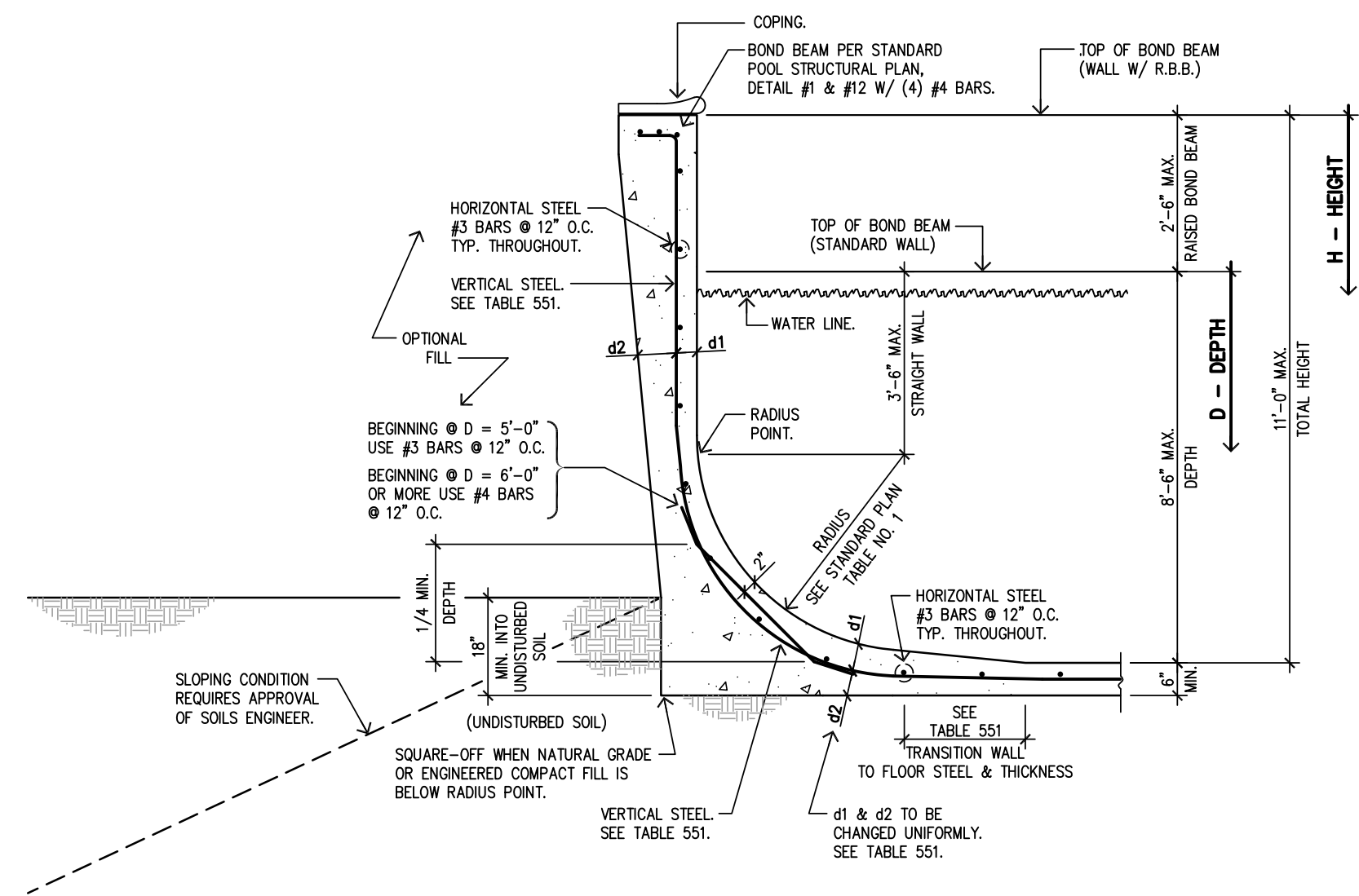


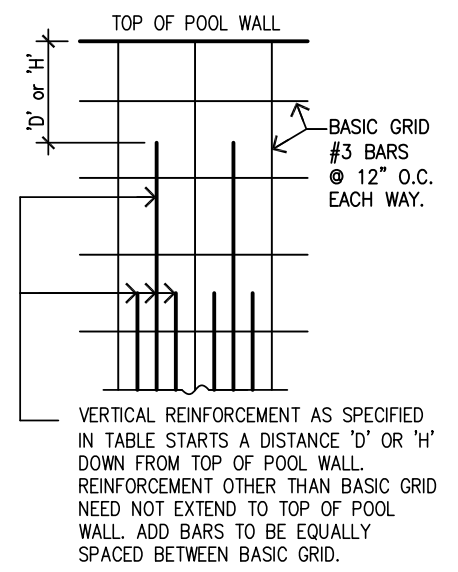
TABLE 551

'd' or 'h' IS DISTANCE FROM TOP OF POOL WALL DOWNWARD.
BEGIN SPECIFIED STEEL & GUNITE THICKNESS AT INDICATED 'd' OR 'h' DEPTH.
(SEE STANDARD STRUCTURAL PLAN, DETAIL #2)

POOL DEPTH	NO RAISED BOND BEAM			REQ'D TRANS.
	d1	d2	VERTICAL STEEL	
0 to 3'-6"	3"	3"	#3 @ 12"	2'-0"
4'-0"	3"	3"	#3 @ 6"	2'-0"
4'-6"	3"	3½"	"	2'-0"
5'-0"	3½"	4½"	"	2'-0"
5'-6"	4"	5½"	"	2'-0"
6'-0"	4"	5½"	add 3 #4	2'-0"
6'-6"	4"	5½"	"	2'-0"
7'-0"	4"	5½"	"	2'-0"
7'-6"	4"	5½"	"	2'-0"
8'-0"	4"	6½"	"	2'-0"
8'-6"	4"	7½"	"	2'-0"

TOTAL HEIGHT	2'-6" MAX. RAISED BOND BEAM			REQ'D TRANS.
	d1	d2	VERTICAL STEEL	
0 to 3'-6"	3"	3"	#3 @ 12"	2'-0"
4'-0"	3"	3"	#3 @ 6"	2'-0"
4'-6"	3"	3"	"	2'-0"
5'-0"	3½"	3"	"	2'-0"
5'-6"	4½"	3"	"	2'-0"
6'-0"	4½"	3"	#3 @ 3"	2'-0"
6'-6"	4½"	3"	"	2'-0"
7'-0"	5"	3"	"	2'-8"
7'-6"	6"	3"	"	2'-8"
8'-0"	6"	3"	add 3 #4	2'-10"
8'-6"	6"	3½"	"	2'-11"
9'-0"	6½"	4"	"	3'-0"
9'-6"	7"	5"	"	3'-2"
10'-0"	8"	5½"	"	3'-2"
10'-6"	8½"	6½"	"	3'-2"
11'-0"	8½"	6½"	"	3'-2"

TYPICAL REBAR REINFORCING DIAGRAM



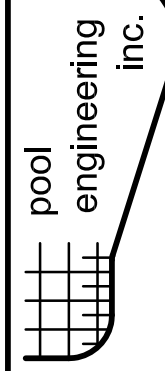
SAMPLE

DATE: 12/20/10
CALCS BY: A.C.
CHECKED BY: R.L.L.

FREESTANDING WALL
EXPANSIVE SOIL
EQUIVALENT FLUID PRESSURE = 60 P.C.F.

DETAIL #551

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PLAN VALID ONLY WITH ENGINEER'S
SIGNATURE IN RED INK ON PLAN.
THIS DETAIL TO BE USED IN CONJUNCTION
WITH STANDARD POOL STRUCTURAL PLAN