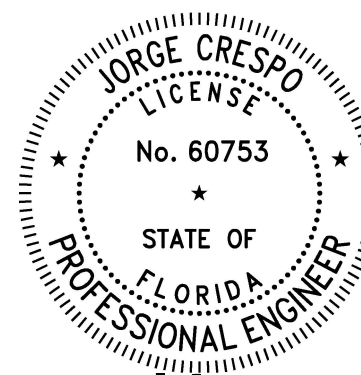
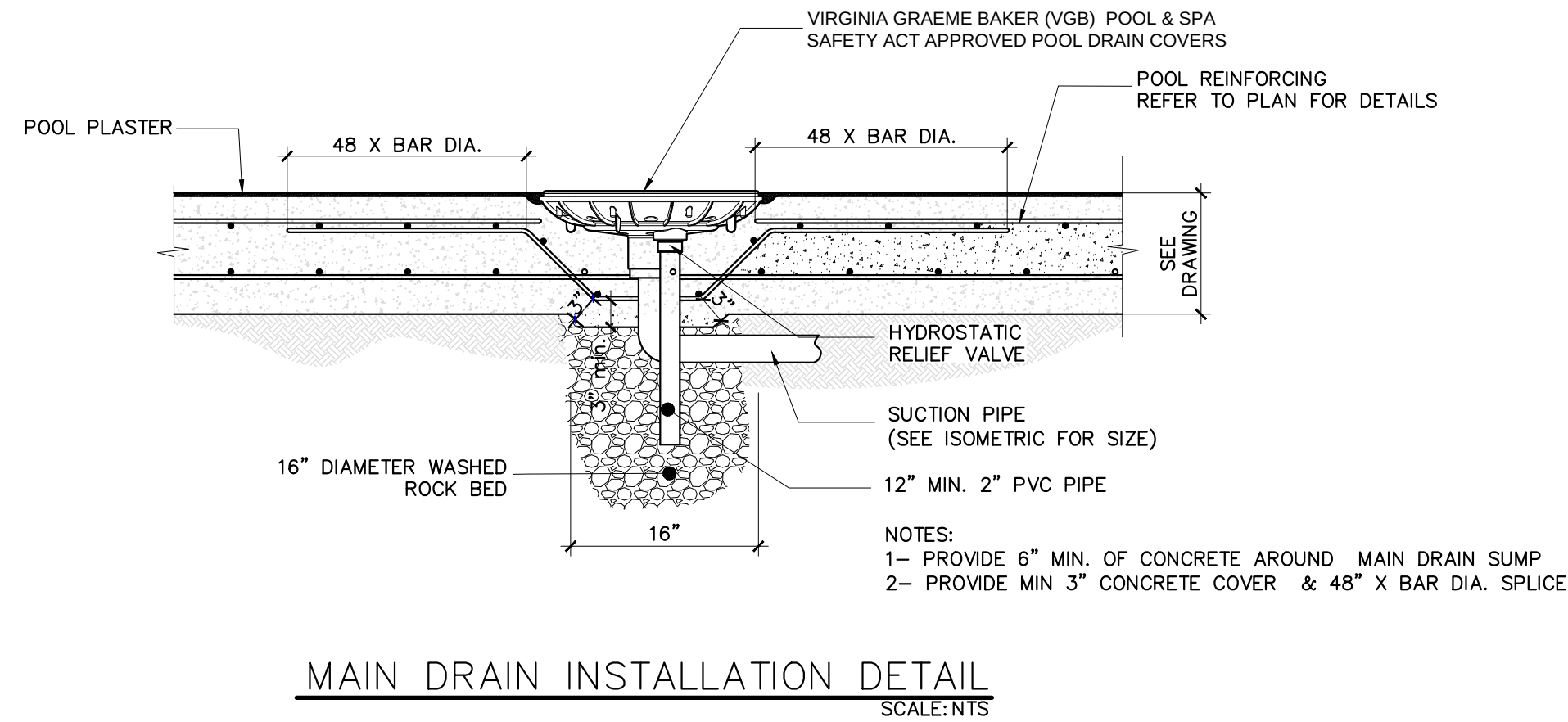
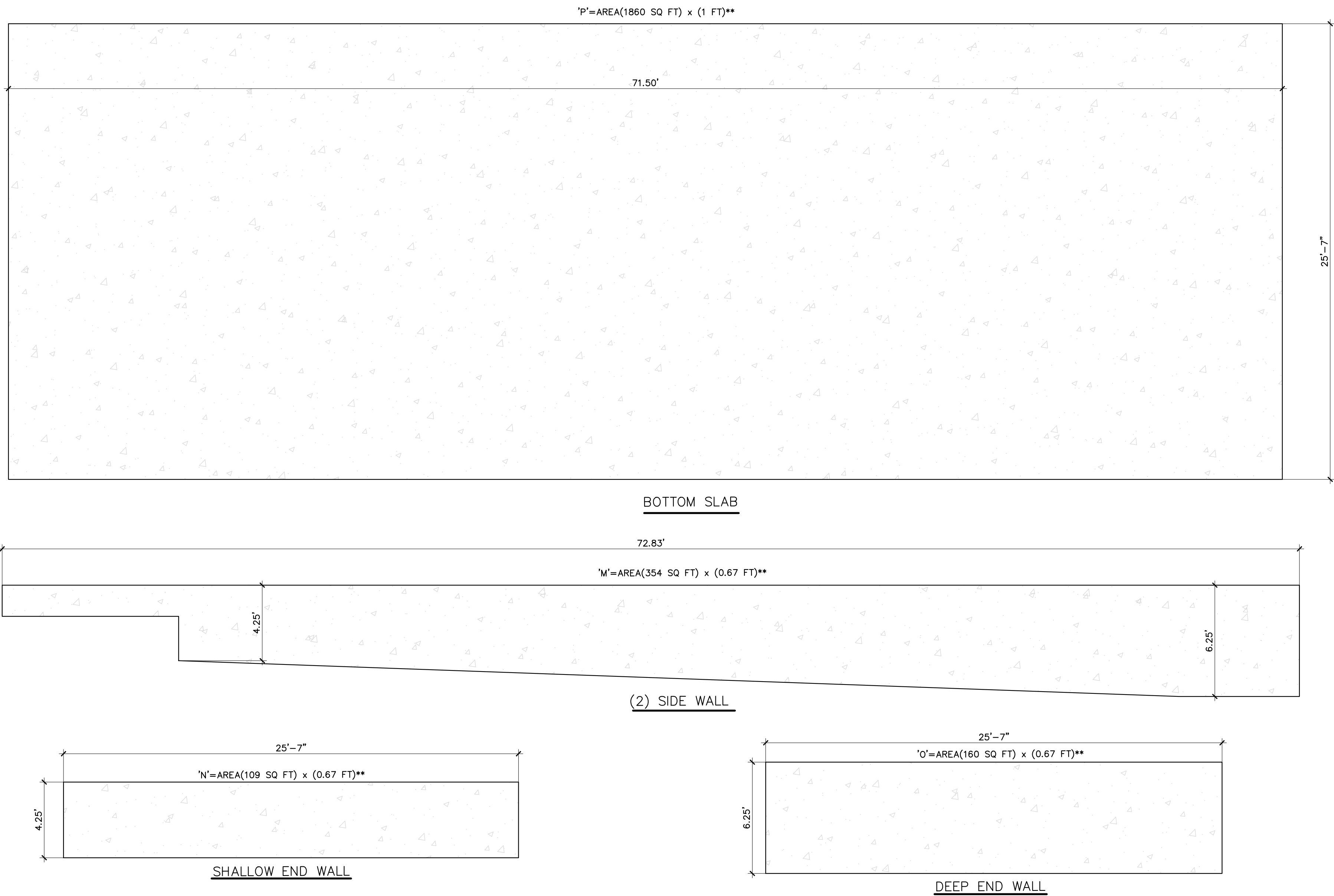


FOR THE ELECTRICAL NOTES PLEASE REFER TO PAGE "N-01"

FLOTATION ANALYSIS					
UP LIFT CALCULATION			POOL WEIGHT CALCULATION		
A TOP OF POOL WALL ELEVATION (NGVD)	10.67 FT	K POOL AREA			1830 SQ FT
B DIST. FROM TOP OF WALL TO WATER LEVEL	0.25 FT	L CONCRETE'S VOLUME OF STAIR & BENCH			377 CU FT
C DEPTH OF POOL	5.00 FT		AREA	THICKNESS	315
D MIN. THICKNESS SLAB REQUIRED	1.00 FT	M CONCRETE'S VOLUME OF SIDE WALL (BOTH)	354	0.67	474 CU FT
E ELEV. POOL BOTTOM='A'-'B'-'C'-'D'	4.42 FT	N CONCRETE'S VOLUME OF SHALLOW END WALL	109	0.67	73 CU FT
F FLOOD CRITERIA LEVEL (NGVD) (FT)	10	O CONCRETE'S VOLUME OF DEEP END WALL	160	0.67	107 CU FT
G INITIAL WATER HEAD= 'F'-'E'	5.58 FT	P CONCRETE'S VOLUME OF BOTTOM SLAB	1,830	1.00	1830 CU FT
H LESS HYDROSTATIC RELIEF VALVE (FBC 1618.24)	2.00 FT				
I ADJUSTABLE WATER HEAD 'G'-'H'	3.58 FT	Q CONCRETE WEIGHT			150.00 LB/FT3
J UPLIFT PRESSURE = 'I' x 'R'	223.39 PSF	R WATER WEIGHT			62.40 LB/FT3
		TOTAL POOL WEIGHT (CONCRETE) =('L' + 'M' + 'N' + 'O' + 'P') x 'Q'			429,238.50 POUND
		POOL UPLIFT PRESSURE AREA ='K' x 'J'			408,807.36 POUND



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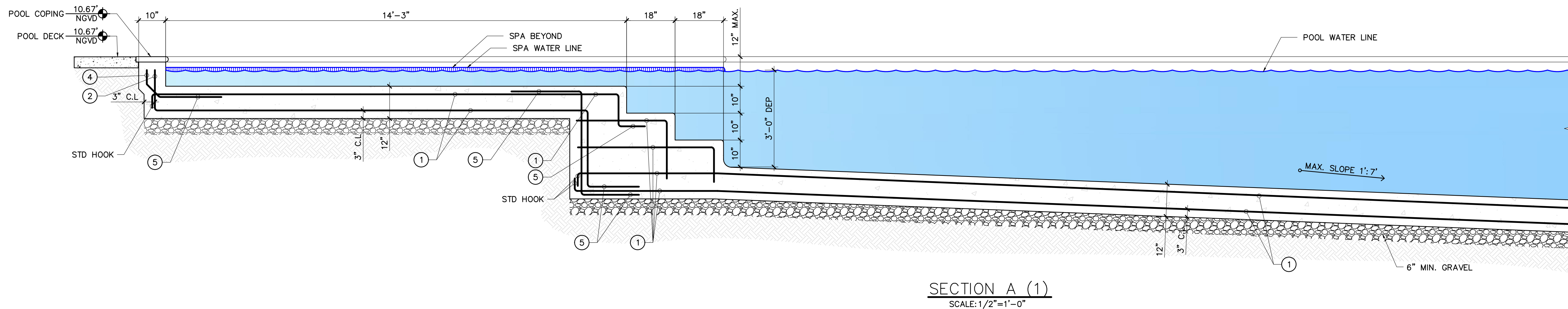
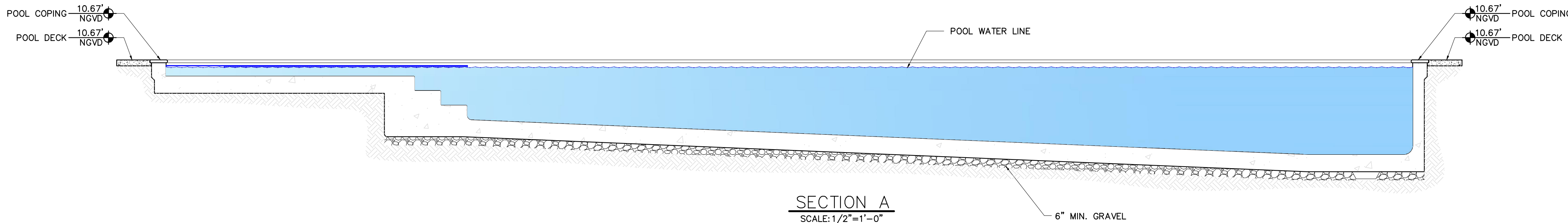
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REVISIONS	
NO.	DATE

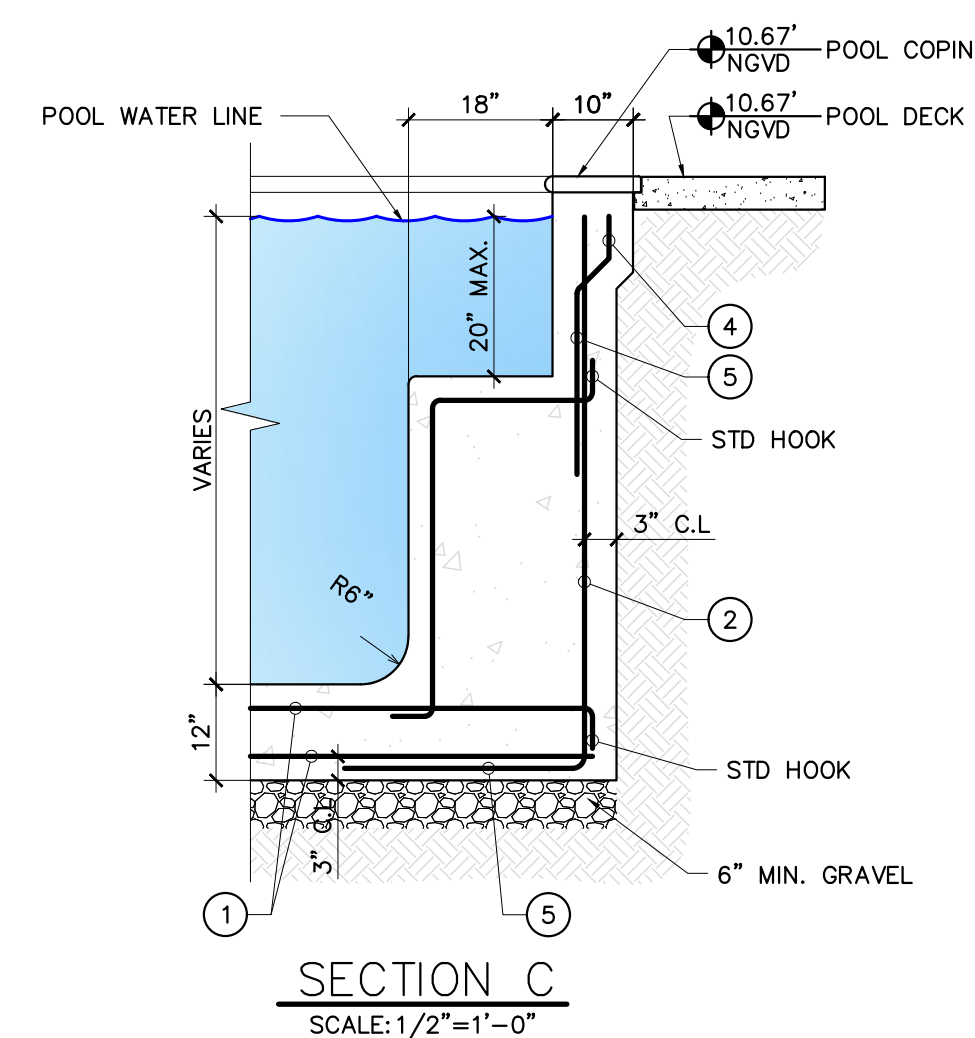
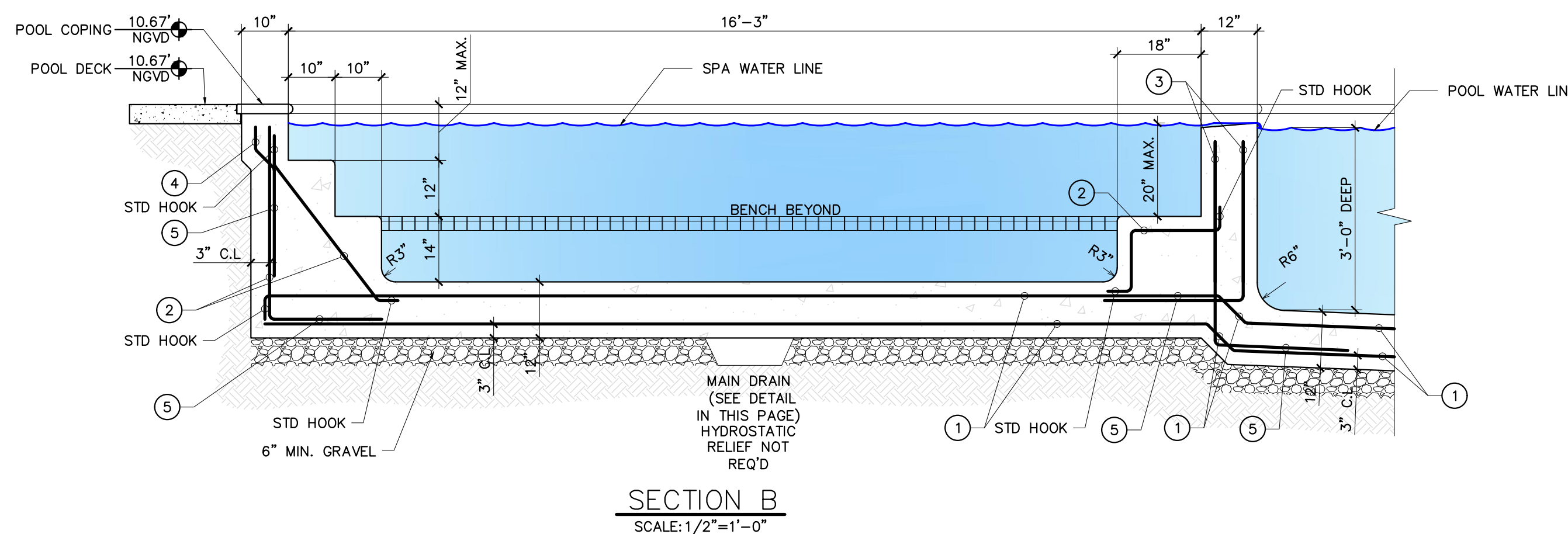
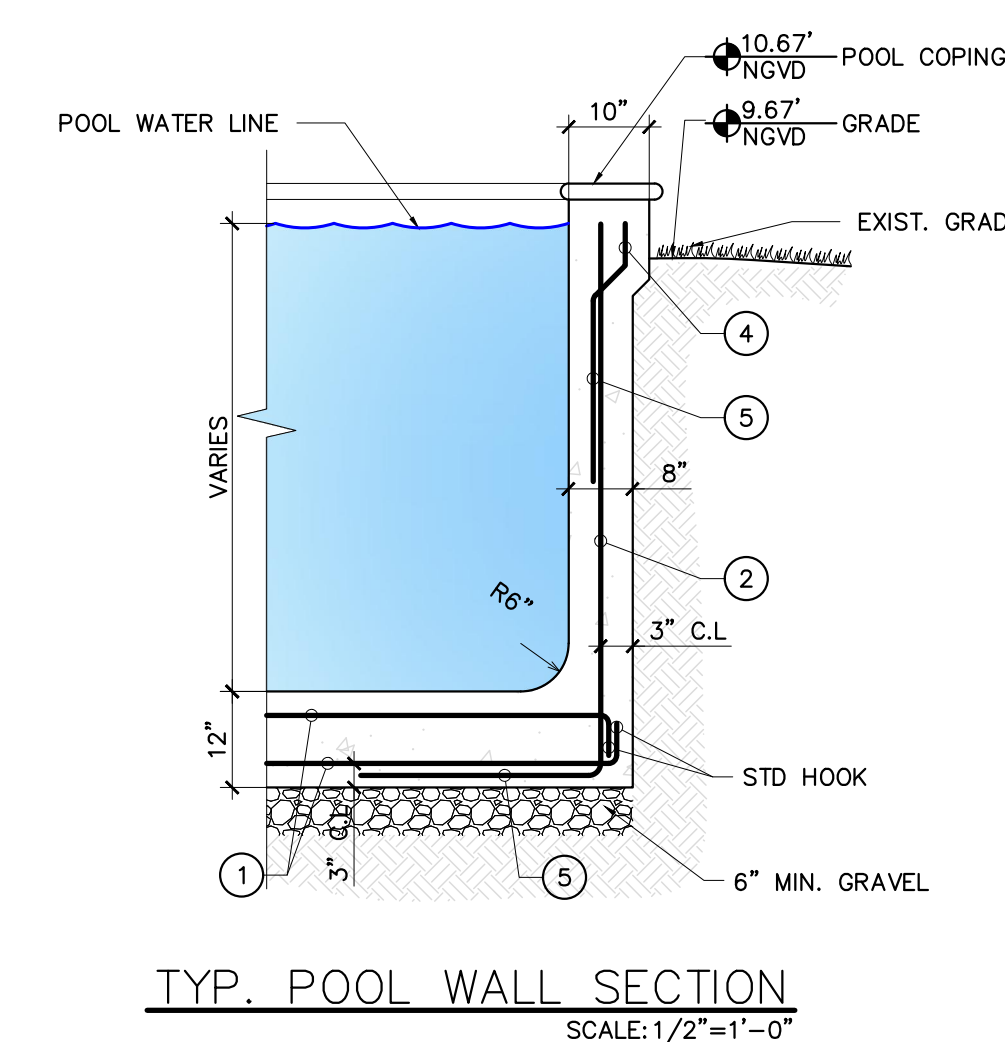
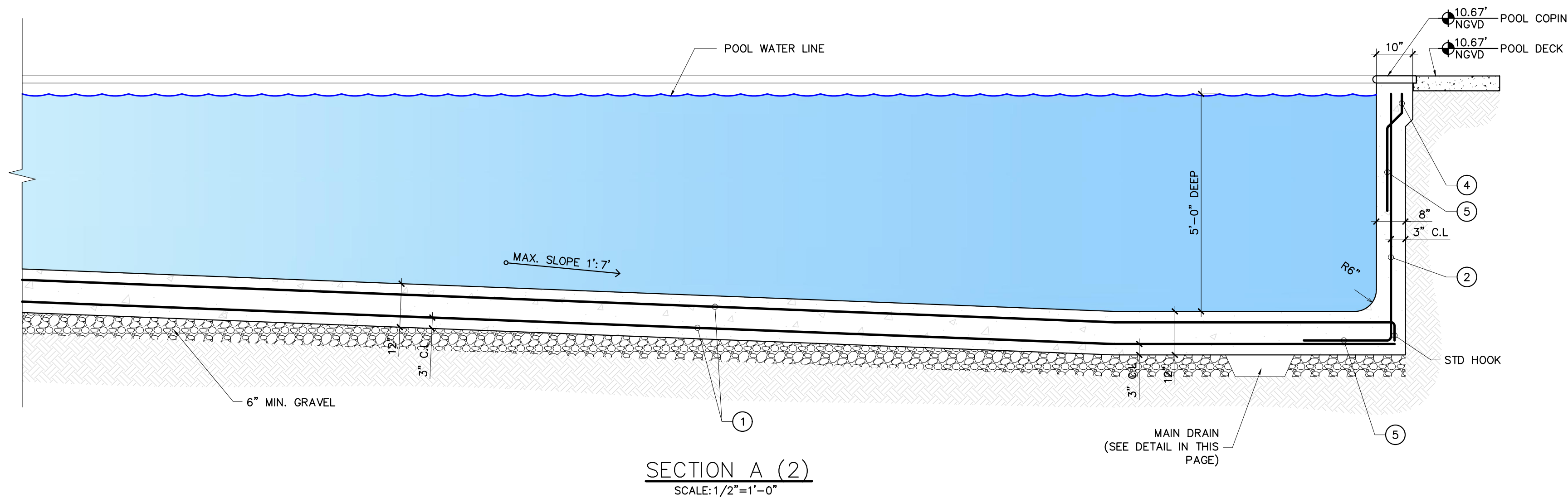
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FOR THE STRUCTURAL NOTES PLEASE REFER TO SHEET "N-01"



MARK	REBAR
1	PROVIDE 12" CONCRETE SLAB W/ #4 @ 5' AT SHORT SPAN & #4 @ 9' AT LONG SPAN TOP & BOTTOM
2	#4 @ 9" HORIZONTAL & VERTICAL
3	TWO LAYERS OF #4 @ 9" O.C. HOR. & VERT (SPA 12" WALL ONLY)
4	#3 @ 9" HOR. & VERT
5	PROVIDE 48 X BAR DIAM. MIN. SPLICE

-ALL SPLICE MUST BE 48 X BAR DIAMETER
-CONCRETE COVER MUST BE:
2" COVER FOR TOP REINFORCING,
3" COVER FOR REBAR EXPOSED TO WEATHER OR CONTACT WITH EARTH



Jorge A Crespo
Digitally signed by
Jorge A Crespo
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