


CAST IN PLACE CONCRETE TOP SLAB THICKNESS AND REINFORCING				
"Q" SEE DETAIL W/5.2	"T" SEE DETAIL W/5.2	"X" BARS SEE DETAIL W/5.2	"Y" BARS SEE DETAIL W/5.2	"Z" BARS SEE DETAIL W/5.2
4'-0"	8"	#7 @ 8" C/C	#5 @ 6" C/C	#5 @ 6" C/C
5'-0"	9"	#7 @ 7" C/C	#5 @ 6" C/C	#6 @ 6" C/C
6'-0"	10"	#7 @ 7" C/C	#5 @ 6" C/C	#6 @ 6" C/C
7'-0"	11"	#7 @ 7" C/C	#5 @ 6" C/C	#6 @ 6" C/C
8'-0"	12"	#7 @ 7" C/C	#5 @ 6" C/C	#6 @ 6" C/C
9'-0"	13"	#7 @ 7" C/C	#5 @ 6" C/C	#6 @ 6" C/C
10'-0"	14"	#7 @ 6" C/C	#6 @ 8" C/C	#6 @ 6" C/C

CAST IN PLACE CONCRETE TOP SLAB NOTES

1. $f'_c = 4000$ PSI. @ 28 DAYS
2. $f_y = 60,000$ PSI.
3. TOP SLABS ARE DESIGNED FOR THE FOLLOWING CONDITIONS:
 - A. H2O LOADING & 1'-0" COVER + IMPACT (WATER TABLE 4'-0" BELOW FINISHED GRADE)
 - B. 5'-0" COVER & 2'-0" SURCHARGE. (WATER TABLE 4'-0" BELOW FINISHED GRADE)
4. CONTRACTOR MAY USE PRECAST TOP SLABS, SEE SPECIFICATIONS FOR SUBMITTAL REQUIREMENTS..
5. PROVIDE 5" ϕ HOLE IN TOP SLAB CENTERED OVER VALVE OPERATING NUTS, SEE DETAIL W/5.5.
6. FOR ADDITIONAL INFORMATION, SEE DETAILS W/2.4, W/4.5 AND W/10.0.

WASHINGTON
SUBURBAN
SANITARY
COMMISSION

APPROVED:

9/28/16


Chief Engineer

STANDARD DETAIL

CAST IN PLACE
CONCRETE TOP SLAB
REINFORCING DETAILS

W
5.21