| CAST IN PLACE CONCRETE TOP SLAB THICKNESS AND REINFORCING | | | | |
|---|---|---|---|---|
| Q SEE DETAIL V-7 | T SEE DETAIL V-7 | "X" BARS SEE DETAIL V-3 | "Y" BARS SEE DETAIL V-3 | "Z" BARS SEE DETAIL V-3 |
| 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 |

| PRECAST CONCRETE TOP SLAB THICKNESS AND REINFORCING | | | | |
|---|---|---|---|---|
| Q SEE DETAIL V-8 | T SEE DETAIL V-8 | "X" BARS SEE DETAIL V-3 | "Y" BARS SEE DETAIL V-3 | "Z" BARS SEE DETAIL V-3 |
| 4'-0" | 8" | #6 @ 7" C/C | #6 @ 9" C/C | #6 @ 8" C/C |
| 5'-0" | 8" | #7 @ 6" C/C | #6 @ 7" C/C | #6 @ 8" C/C |
| 6'-0" | 9" | #7 @ 6" C/C | #6 @ 7" C/C | #6 @ 6" C/C |
| 7'-0" | 10" | #7 @ 6" C/C | #6 @ 7" C/C | #6 @ 6" C/C |
| 8'-0" | 11" | #7 @ 6" C/C | #6 @ 7" C/C | #6 @ 6" C/C |
| 9'-0" | 11" | #8 @ 7" C/C | #6 @ 6" C/C | #6 @ 6" C/C |
| 10'-0" | 12" | #8 @ 7" C/C | #6 @ 6" C/C | #6 @ 6" C/C |

NOTES:

1. LOADING
   A. CAST IN PLACE CONCRETE: TOP SLABS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADING CONDITIONS:
      1. H20LL +30% IMPACT + 1'-0" EARTH COVER.
      2. H20LL + 0% IMPACT + 8'-0" MAXIMUM EARTH COVER.
   B. PRECAST CONCRETE: TOP SLABS HAVE BEEN DESIGNED FOR THE FOLLOWING LOADING CONDITIONS:
      1. H20LL + 30% IMPACT + 1'-0" EARTH COVER.
      2. H20LL + 0% IMPACT + 5'-0" MAXIMUM EARTH COVER.
2. CAST IN PLACE CONCRETE: f'c=4000 PSI @ 28 DAYS.
3. PRECAST CONCRETE: f'c=5000 PSI @ 28 DAYS.
4. REINFORCING STEEL: ASTM A615-GRADE 60.

STANDARD DETAIL

# CAST IN PLACE AND PRECAST CONCRETE TOP SLAB REINFORCING DETAILS

WASHINGTON TOWNSHIP MUNICIPAL AUTHORITY

| DATE | REVISIONS |
|---|---|
| | |
| | |
| | |
| | |

| SCALE | DWG. NO. |
|---|---|
| NO SCALE | V-1 |