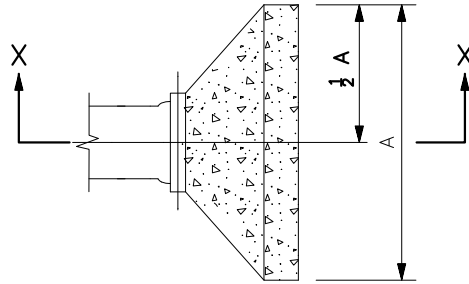
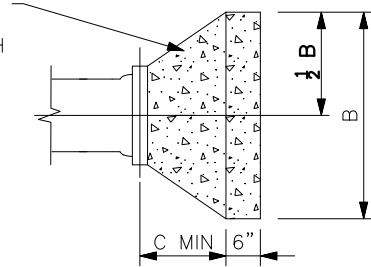


| DIA OF WATER MAIN | THRUST BLOCK |       |       |
|-------------------|--------------|-------|-------|
| D                 | A            | B     | C     |
| 6"                | 2'-0"        | 1'-6" | 9"    |
| 8"                | 2'-6"        | 2'-0" | 1'-0" |
| 10" & 12"         | 4'-0"        | 3'-0" | 1'-3" |
| 14" & 16"         | 5'-0"        | 4'-0" | 1'-6" |
| 18" & 20"         | 8'-0"        | 4'-0" | 1'-9" |
| 24"               | 9'-0"        | 5'-0" | 2'-0" |



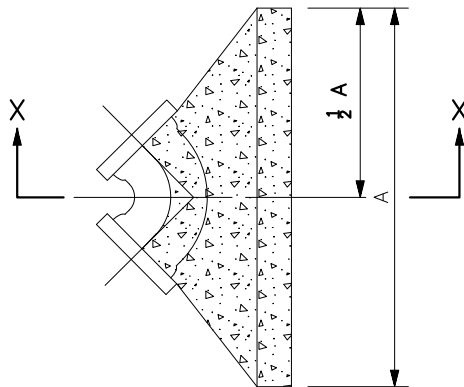
3500 P.S.I. CONC  
POURED AGAINST  
UNDISTURBED EARTH

NOTE:  
WHEN DIMENSION "A" IS  
6'-0" OR GREATER, USE  
#4 BARS AT 12" CENTERS  
EACH WAY.



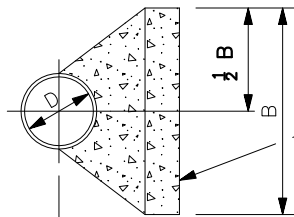
SEC X-X

THRUST BLOCK AT PLUG



| DIA OF WATER MAIN | THRUST BLOCK |       |       |
|-------------------|--------------|-------|-------|
| D                 | A            | B     | C     |
| 6"                | 2'-9"        | 1'-6" | 9"    |
| 8"                | 3'-0"        | 2'-6" | 1'-0" |
| 10" & 12"         | 5'-6"        | 3'-0" | 1'-3" |
| 14" & 16"         | 6'-0"        | 5'-0" | 1'-6" |
| 18" & 20"         | 9'-0"        | 5'-0" | 1'-9" |
| 24"               | 11'-0"       | 6'-0" | 2'-0" |

NOTE:  
WHEN DIMENSION "A" IS  
6'-0" OR GREATER, USE  
#4 BARS AT 12" CENTERS  
EACH WAY.



3500 P.S.I. CONC  
POURED AGAINST  
UNDISTURBED EARTH

THRUST BLOCK  
AT 60° & 90° BEND

SEC X-X