



NOTES:

1. ALL FITTINGS FOR WATERLINES/PRESSURE SEWERS/FORCEMAINS GREATER THAN 3" DIAMETER SHALL BE CEMENT-LINED DUCTILE IRON PIPE
2. ALL MJ FITTINGS TO BE WRAPPED IN PLASTIC PRIOR TO POURING REACTION BACKINGS.
3. ALL REACTION BACKING FOR 2" BLOW-OFF PIPING SHALL BE THE SAME AS FOR A 3" DIA. PIPE.

| PIPE DIA. | 11 1/4° | | | 22 1/2° | | | 45° | | | 90° | | | PLUG OR TEE | | |
|-----------|---------|-------|-------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------------|-------|-------|
| | A | B | C | A | B | C | A | B | C | A | B | C | A | B | C |
| 3" | 1'-0" | 1'-0" | 1'-6" | 1'-0" | 1'-0" | 1'-6" | 1'-0" | 1'-0" | 1'-6" | 1'-6" | 1'-6" | 1'-6" | 1'-0" | 1'-0" | 1'-0" |
| 4" | 1'-0" | 2'-0" | 2'-0" | 1'-3" | 2'-0" | 2'-0" | 1'-6" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-6" | 2'-0" | 2'-0" |
| 6" | 1'-0" | 2'-0" | 2'-0" | 1'-3" | 2'-0" | 2'-0" | 1'-6" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-6" | 2'-0" | 2'-0" |
| 8" | 1'-0" | 2'-0" | 2'-0" | 1'-3" | 2'-0" | 2'-0" | 1'-6" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-6" | 2'-0" | 2'-0" |
| 10" | 1'-0" | 2'-0" | 2'-0" | 1'-6" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-6" | 2'-0" | 2'-0" | 3'-0" | 2'-6" | 2'-0" |
| 12" | 1'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 2'-0" | 3'-0" | 3'-0" | 2'-0" | 3'-6" | 3'-6" | 2'-0" | 4'-0" | 4'-0" | 2'-0" |
| 16" | 2'-0" | 2'-0" | 2'-0" | 2'-6" | 2'-6" | 2'-0" | 3'-6" | 3'-6" | 2'-0" | 5'-0" | 5'-0" | 2'-0" | 5'-6" | 5'-6" | 2'-0" |

STANDARD DETAILS

HORIZONTAL REACTION BACKING DETAILS

WASHINGTON TOWNSHIP MUNICIPAL AUTHORITY

| DATE | REVISIONS |
|-------------------|------------------|
| 12/07 | DWG. CREATED |
| | |
| | |
| | |
| | |
| SCALE NO SCALE | DWG. NO. RB-1 |