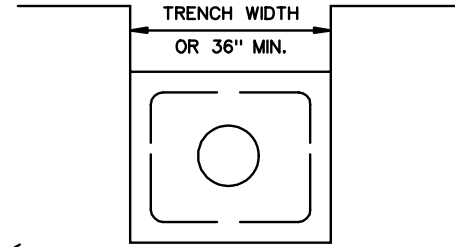
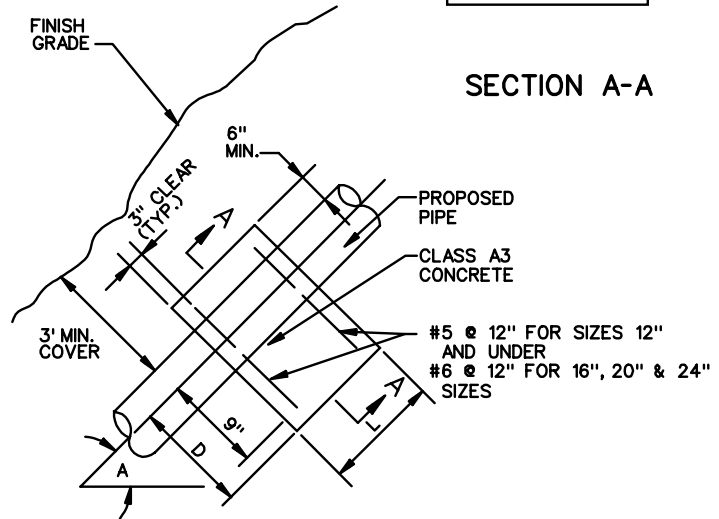


| TEES TURNED UP | | | | |
|----------------|--------------------|------|---------------------------|---------------------------|
| BRANCH SIZE | | | | |
| D | NN | NN | PP | RR |
| DIA. | 11 1/4° 22 1/2° | 45° | 11 1/4° 22 1/2° 45° | 11 1/4° 22 1/2° 45° |
| 4" | 3.00 | 2.50 | 2.50 | 2.50 |
| 6" | 3.00 | 2.50 | 2.50 | 2.50 |
| 8" | 3.00 | 2.50 | 2.50 | 2.50 |
| 10" | 3.00 | 2.50 | 2.50 | 2.67 |
| 12" | 4.00 | 3.00 | 2.50 | 2.83 |



SECTION A-A

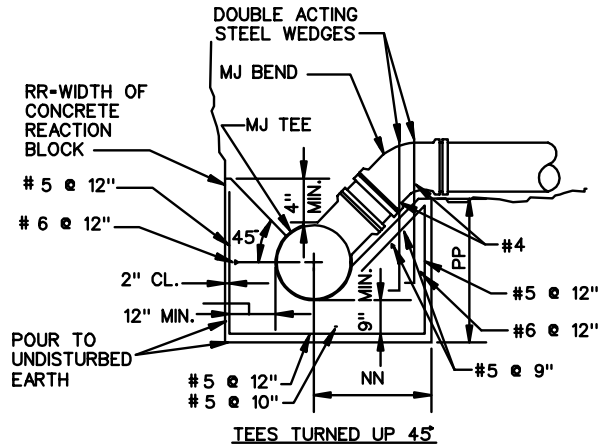


| REACTION BLOCK - STRAIGHT SLOPING PIPE | | | | | | | |
|--|-----|-----|-----|-----|-----|-----|-----|
| SIZE | 4" | 6" | 8" | 12" | 16" | 20" | 24" |
| "D" | 12" | 15" | 15" | 18" | 21" | 24" | 27" |
| "L" | 18" | 21" | 24" | 27" | 30" | 33" | 36" |

NOTE:
 THE STRAIGHT RUN PIPE SHALL BE PROVIDED WITH ANCHOR BLOCKS SPACED THIS:

| | |
|-----------|--------------------------|
| ANGLE "A" | ANCHOR BLOCKS NOT NEEDED |
| 0° - 10° | SPACING @ 100' |
| 10° - 16° | SPACING @ 60' |
| 16° - 20° | |

STRAIGHT PIPE
 CONCRETE ANCHOR BLOCK



STRAPPING DETAILS
 FOR TEES TURNED UP

| |
|-------------------------|
| SPECIFICATION REFERENCE |
|-------------------------|

REACTION BLOCK
 (WATER AND SANITARY SEWER FACILITIES)
 VIRGINIA DEPARTMENT OF TRANSPORTATION

| | |
|---------------------------|--------------|
| VDOT | |
| ROAD AND BRIDGE STANDARDS | |
| REVISION DATE | SHEET 3 OF 3 |
| | 1402.03 |