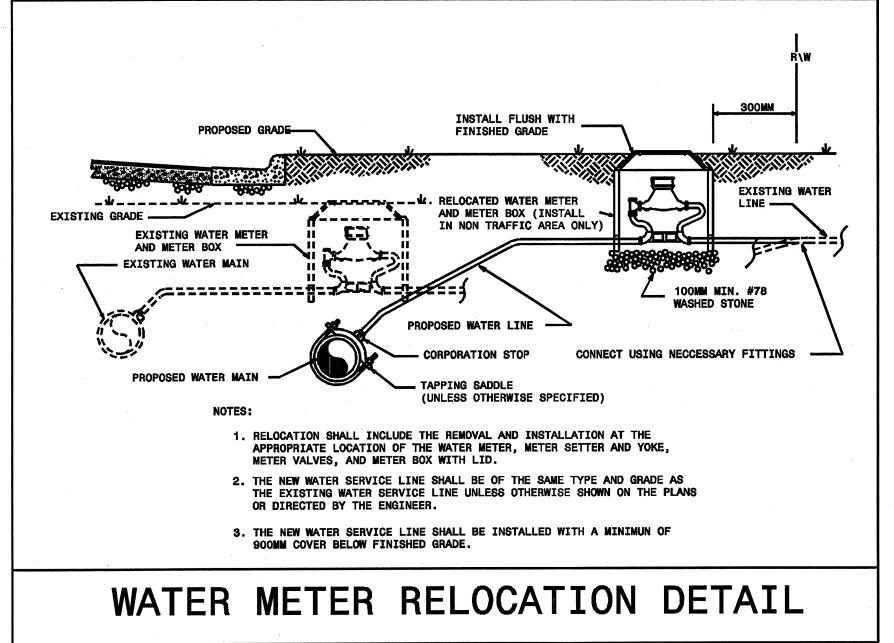
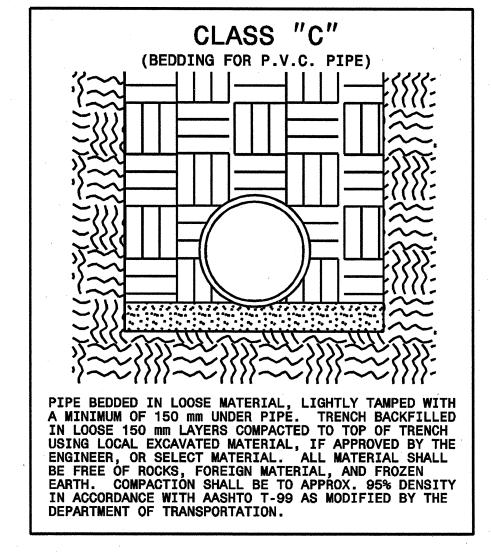
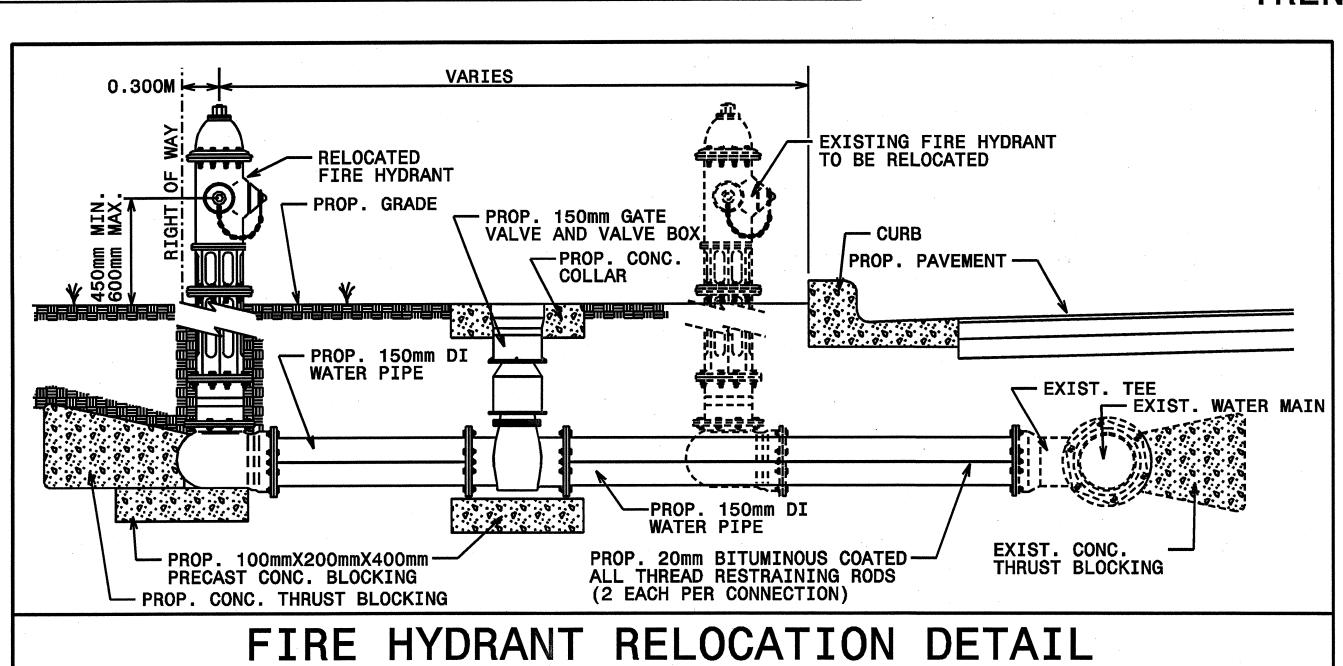


THRUST BLOCKING DETAIL





TRENCH DETAIL



| REACT | ION BEA | | | FOR ON TEST | | | | | E BEND | S |
|--------------|-------------|--|----------------------|----------------------------------|------------------------|------------------|--|--|--|---------------------------------------|
| | | | | ALL AREAS | GIVEN IN S | QUARE FEE | т. | | | |
| Sie And Org. | STATIC THE. | W 250" 25" W 400 W | | | | | 200 000 ACT FIRM 45 FI | 20 45 4 20 00 00 00 00 00 00 00 00 00 00 00 00 | 80 4.5 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 | 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 |
| 150mm | | | | | | | | | | |
| 11 1/4 | 1, 108 | 1 | l | ı | 1 | 1 | ı | 2 | , 1 | |
| 22 1/2° | 2,207 | 1 | 2 | 2 | 1 % | l | ı | 3 | . 1 | |
| 45° | 4,328 | 2 | 3 | 3 | 1 | l | 2 | 5 | 1 | |
| 90° | 7,996 | 2 | 4 | 5 | 1 | ı | 2 | 8 | 1, 1 | |
| PLUG | 5,655 | 2 | 3 | 4 | 1 | 1 | 2 | . 6 | <u> </u> | |
| <u>200mm</u> | | | | | ` | | | | | . * |
| 11 1/4 | 1,970 | ı | ı | 2 | | ı | ı | 2 | 1 | |
| 22 1/20 | 3,922 | ı | 2 | 3 | ı | ı | ı | 4 | 1 | |
| 45° | 7,694 | 2 | 4 | 5 | 1 | ı | 2 | 8 | 1 | |
| 90° | 14,2 15 | 4 | 8 | 9 | 2 | 2 | 4 | 15 | 2 | |
| PLUG | 10,053 | 3 | 5 | 6 | 2 | 2 | 3 | 10 | 1 | * |
| 250mm | | | | | | | | | | |
| 11 1/4 | 3,791 | 2 | 6 | 4: | ı | l' | ı | 6 | l | |
| 22 1/20 | 7,546 | 4 | 11 | 7 | 2 | 2 | 3 | 11 | 1 | |
| 45° | 14,802 | 7 | 22 | 14 | 4 | 3 | 6 | 22 | 2 | |
| 90° | 27,351 | 10 | 41 | 26 | 7 | 4 | 10 | 41 | 4 | |
| PLUG | 19,340 | 19 | 29 | 18 | 5 | 3 | 7 | 29 | 3 | |
| 300mm | | | | | | | | | | |
| 11.1/4 | 4,433 | 2 | 3 | 3 | <u> </u> | 1 | 2 | 5 | . 1 | <i>i</i> . |
| 22 1/20 | 8,826 | 3 | 5 | 6 | 2 | 2 | 3 | 9 | . 1 | |
| 45° | 17,3 12 | 5 | 9 | 11 | 3 | 3 | 5 | 18 | 2 | |
| 90° | 3 1,983 | 8 | 16 | 19 | 4 | 4 | 8 | 32 | 4 | |
| PLUG | 22,6 19 | 6 | 12 | 14 | 3 | 3 | 6 | 23 | 3 | |
| | , | MEASURI TRENCH VECTOR. USE 150 | ED IN A V SIDE AT | AREAS A ERTICAL P AN ANGLE | CLANE IN 1 OF 90° 1 | THE TO THE TH | IRUST | | | |
| | | ADDITION | IAL SAFET | Y FACTOR | | | | | | |

THRUST BLOCKING TABLE

| MAXIMUM TRENCH WIDTH AT TOP OF PIPE | | | | | | | |
|-------------------------------------|-------------------|------------------------------|-------------------|--|--|--|--|
| NOMINAL PIPE SIZE (mm) | TRENCH WIDTH (mm) | NOMINAL PIPE SIZE (mm) | TRENCH WIDTH (mm) | | | | |
| 100 | 700 | 500 | 1100 | | | | |
| 150 | 750 | 600 | 1200 | | | | |
| 200 | 800 | 750 | 1350 | | | | |
| 250 | 850 | 900 | 1500 | | | | |
| 300 | 900 | 1050 | 1650 | | | | |
| 350 | 950 | 1200 | 1800 | | | | |
| 400 | 1000 | 1350 | 1950 | | | | |
| 450 | 1050 | | | | | | |

TRENCH WIDTH DETAIL