RESTRAINED LENGTH IN FEET 36" DEPTH OF 띪 PIPE 10" CONFIGURATION ROSSING PVC 딤 DIP PP 밀 IN LINE 45 58 38 70 VALVE 6" 6 6 17 |13**|**37 48 VALVE AT TFF 8" 6 12 8 27 19 6 43 INTERSECTING 10" 6 6 6 6 19 15 39 (SEE NOTE 4) PIPE 12" 6 6 6 6 14 10 **|**32 TEE W/D 37 42 56 68 THRUST BLOCK (SEE NOTE 5) 6" 6 6|18|15|41 50 **CROSSING** 8" VALVE 16 |12**|**32|20 44 PIPE 6 6 AT CROSS 10" 6 6 6 20 117 140 6 RL 12" 6 6 6 18 14 34 DEAD END W/O Rl THRUST BLOCK 64 84 ററ (SEE NOTE 5)

RL = RESTRAINED LENGTH

NOTES:

- 1) ALL JOINTS WITHIN THE RESTRAINED LENGTH SHALL BE RESTRAINED.
- 2) RESTRAINED DEVICES FOR MJ'S: FOR DUCTILE IRON USE EBAA MEGALUG 1100, STAR PIPE PRODUCTS STARGRIP 3000, OR SIGMA ONE LOK SLD; FOR PVC PIPE USE EBAA 2000PV, OR STAR PIPE PRODUCTS ALLGRIP 3600.
- 3) RESTRAINING DEVICES FOR PUSH—ON JOINTS: FOR DUCTILE IRON USE U.S. PIPE FIELD LOK GASKETS, U.S. PIPE TR FLEX PIPE, OR APPROVED EQUAL; RESTRAINED PVC PUSH—ON JOINTS NOT ALLOWED, USE DUCTILE IRON PIPE ONLY FOR RESTRAINED PUSH—ON JOINTS.
- 4) IF THRUST BLOCK IS NOT INSTALLED BEHIND TEE, RESTRAINED LENGTH SHALL BE APPROVED BY OVWC.
- 5) THIS CONFIGURATION ALLOWED ONLY IF A THRUST BLOCK CANNOT BE INSTALLED BEHIND THE TEE/DEAD END IN ACCORDANCE WITH OV-3. IF THRUST BLOCK IS INSTALLED, RESTRAINED LENGTH NOT REQUIRED.
- 6) JOINTS ON CROSSING PIPES SHALL BE RESTRAINED FOR MINIMUM 18 FEET IN EACH DIRECTION.
- 7) RESTRAINED LENGTHS ARE BASED ON 150 PSI PRESSURE. IF HIGHER PRESSURES OR HIGHER SURGES ARE ANTICIPATED, THIS TABLE DOSE NOT APPLY AND RESTRAINED LENGTHS SHALL BE APPROVED BY OVWC.

