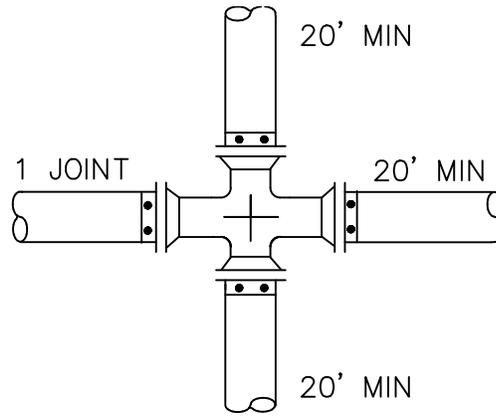
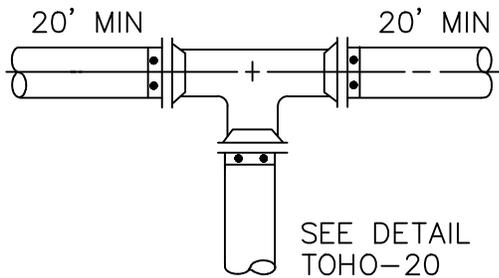


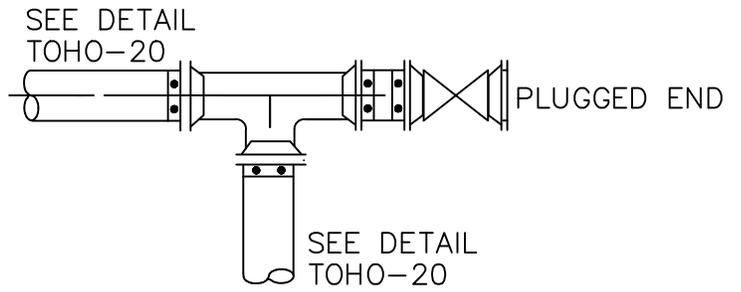
BENDS



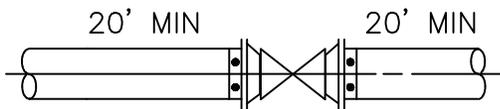
CROSS



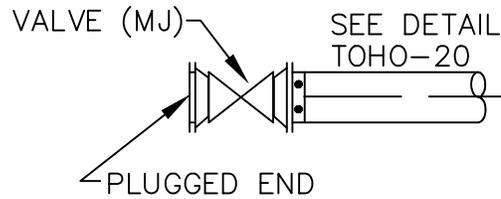
TEE



TEE AND VALVE



IN-LINE VALVE



DEAD END
WITH OR WITHOUT BLOW-OFF

NOTES:

1. MECHANICAL PIPE RESTRAINT SYSTEMS SHALL BE REQUIRED. THRUST BLOCKS WILL ONLY BE PERMITTED ON A CASE-BY-CASE BASIS AS DETERMINED BY TOHO
2. ALL MECHANICAL JOINT FITTINGS (TEES, BENDS, CROSSES, ELBOWS, ETC.) AND VALVES SHALL BE RESTRAINED
3. RESTRAIN THRU VALVES