



PIPE BEDDING

TRENCH LAYOUT

NOTES:

1. SELECT FILL CONSISTS OF EXCAVATED MATERIALS CONTAINING NO ROCKS LARGER THAN 2 INCHES.
2. CRUSHED ROCK SHALL BE ODOT TYPE "A" BASE.
3. COMPACTION REQUIREMENTS:
 - a. NON-PAVED AREAS: 90% MAXIMUM STANDARD PROCTOR DENSITY FOR COHESIONLESS SOILS AND 85% FOR COHESIVE SOILS.
 - b. PAVED AREAS: 95% MAXIMUM STANDARD PROCTOR DENSITY FOR COHESIONLESS SOILS.
4. FLOWABLE FILL SHALL BE USED FOR SELECT FILL IN ROAD CROSSING.
5. IN AREAS WHERE WATER INFILTRATION CANNOT BE CONTROLLED BEDDING AND INITIAL BACKFILL SHALL BE MATERIAL CONFORMING TO ODOT SECTION 703.04(A).
6. PIPE MATERIAL SHALL BE PVC AWWA C900 (CLASS 305) DR14. PVC PIPE LARGER THAN 12 INCHES SHALL BE AWWA C905, SDR21.
7. PIPE JOINTS WITHIN 30 FEET OF FITTING OR VALVE SHALL BE MECHANICALLY RESTRAINED.
8. ALL MECHANICAL JOINTS SHALL BE MIDCO GRIP RINGS.
9. A #12 COPPER TRACER WIRE SHALL BE PLACED ON PVC PIPE AND ATTACHED TO ALL FIRE HYDRANTS AND VALVES.
10. PLACE A MYLAR WARNING TAPE (MARKED "WATER LINE") ATOP THE INITIAL BACKFILL FOR THE ENTIRE LENGTH OF THE LINE.
11. ALL VALVES, FIRE HYDRANT BARRELS, FITTINGS, JOINT RESTRAINTS, NUTS, AND BOLTS SHALL BE POLY WRAPPED.

NON-PAVED AREAS	PAVED AREAS
EXCAVATED MATERIAL	PAVEMENT
SELECT FILL	TYPE A AGG. BASE
SAND	FLOWABLE FILL
SAND	SAND

WATER PIPE INSTALLATION
STANDARD DETAILS

CITY OF JENKS, OKLAHOMA
ENGINEERING DEPARTMENT

DATE: 4-11-22
STANDARD NO. WAT-01

REVISION	BY	DATE