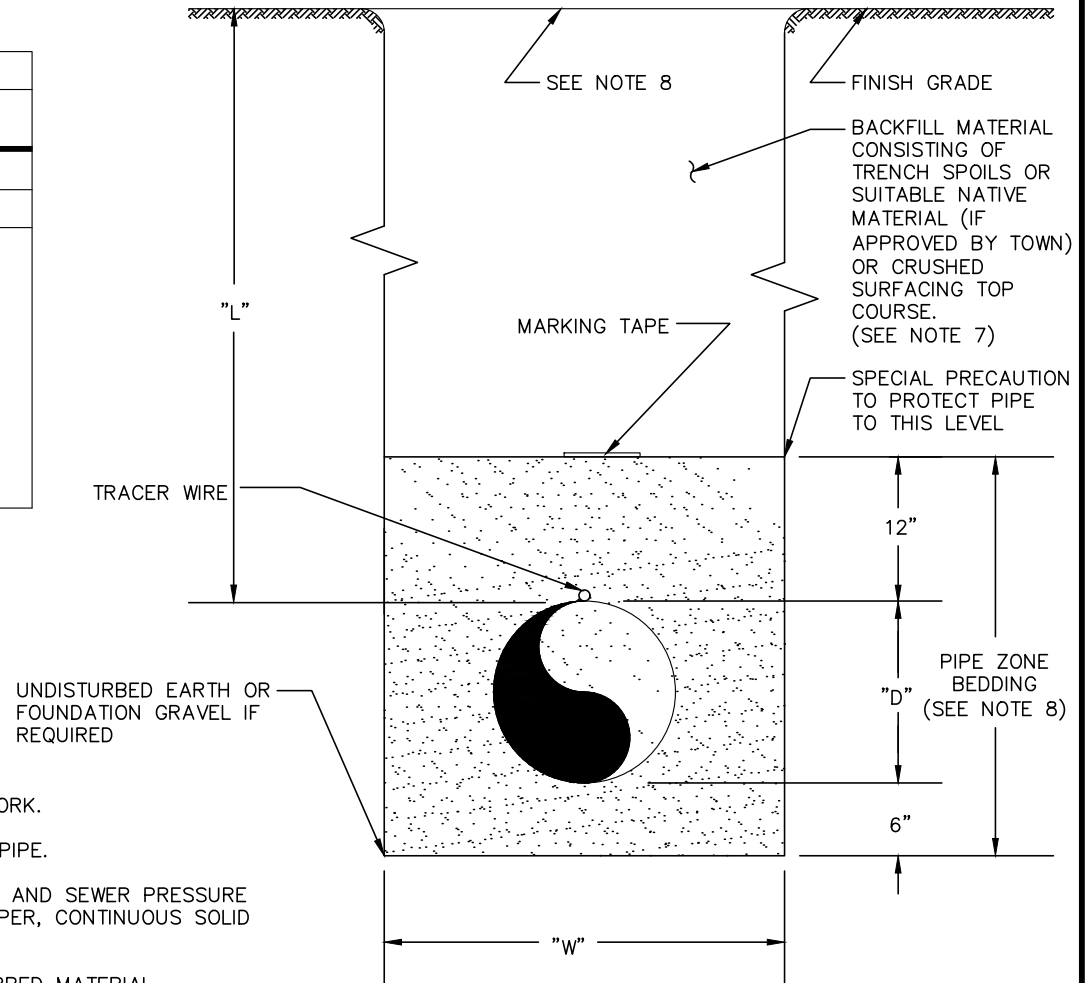




"W" – TRENCH WIDTH		
PIPES 15" OR LESS = PIPE O.D. + 30 INCHES		
PIPES 18" OR GREATER= 1.5xPIPE O.D.+18 INCHES		
MINIMUM PIPE COVER AND PIPE SIZE		
	MINIMUM PIPE COVER "L"	MINIMUM PIPE DIAMETER "D"
WATER MAINS	36 INCHES	8 INCH
WATER SERVICES	24 INCHES	3/4 INCH
SEWER MAINS	60 INCHES	8 INCH
SEWER SERVICES	36 INCHES	6 INCH
SANITARY SEWER PRESSURE MAINS	48 INCHES	VARIES
STORM SEWER UNDER ROADWAY	24 INCHES	12 INCH
STORM SEWER – DUCTILE IRON	18 INCHES	12 INCH
POWER, PRIMARY	30 INCHES	–
POWER, SECONDARY	24 INCHES	–
TELEPHONE	24 INCHES	–
CATVA	24 INCHES	–

NOTES:

- ALL TRENCHES SHALL MEET WAC CHAPTER 296–155 FOR CONSTRUCTION WORK.
- BEDDING MATERIAL SHALL BE PLACED UNDER ALL PIPE PRIOR TO PLACING PIPE.
- WIRE SHALL BE TAPED AT 10–FOOT INTERVALS TO THE TOP OF ALL WATER AND SEWER PRESSURE MAINS, AND WATER SERVICE LINES. TRACER WIRE SHALL BE 14 GAUGE COPPER, CONTINUOUS SOLID CORE, 30MIL HDPE INSULATION RATED FOR DIRECT BURIAL.
- PIPES SHALL BE MECHANICALLY RESTRAINED IN FILL OR PREVIOUSLY DISTURBED MATERIAL.
- CLAY OR BENTONITE DAMS SHALL BE INSTALLED ACROSS THE TRENCH AND TO THE FULL DEPTH OF THE GRANULAR MATERIAL IN ALL AREAS OF STEEP SLOPE, STREAM CROSSING, AND WETLANDS TO PREVENT MIGRATION OF WATER ALONG THE PIPELINE. ENGINEER TO DESIGN SPACING OF DAMS AND DRAINAGE RELIEF.
- ALL CONSTRUCTION AND MATERIALS SHALL MEET THE SPECIFICATIONS AND BE APPROVED BY THE TOWN.
- TRENCH COMPACTION SHALL BE 95% MAXIMUM DENSITY IN TRAFFIC AREAS AND 90% MAXIMUM DENSITY IN NON–TRAFFIC AREAS.
- PIPE ZONE BACKFILL SHALL BE PLACED IN LOOSE LAYERS AND COMPACTED TO 90% MAXIMUM DENSITY.
- FOR SURFACE RESTORATION IN ROAD SECTIONS, SEE STANDARD DWG U–6 AND U–7
- ALL MJ FITTINGS IN WATER SYSTEM REQUIRE EITHER A ROMAC INDUSTRIES GRIP RING ACCESSORY PACK OR TUF GRIP TLD FOR DUCTILE PIPE OR TLP FOR PVC PIPE.



NO SCALE

	APPROVAL  PUBLIC WORKS DIRECTOR
	DATE 01/21/2022
WATER, SEWER, AND STORM TRENCH SECTION	DRAWING NO. U-2
REV:	