

NOTES:

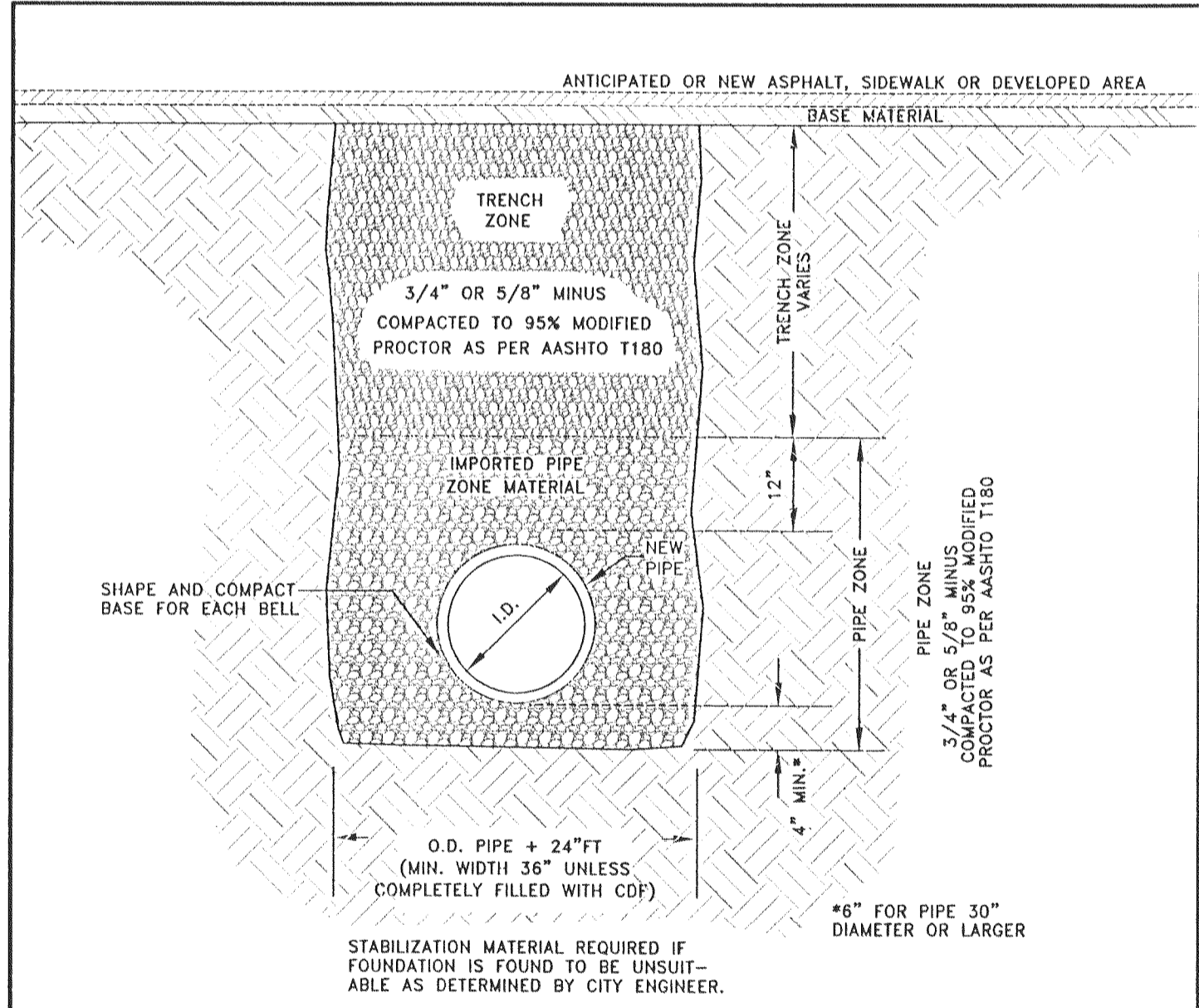
- CONTRACTOR SHALL COMPLY WITH THE MOST CURRENT OSHA REQUIREMENTS FOR EXCAVATIONS.
- CLASS 'A' BACKFILL SHALL COMPLY WITH THE REQUIREMENTS OF THE CITY'S STANDARD CONSTRUCTION SPECIFICATIONS.
- TRENCH MATERIAL SHALL BE PLACED IN MAX. 6" LIFTS.
- IN EXISTING RIGHT-OF-WAY TRENCH EXCAVATION SHALL NOT BE MORE THAN 100 FEET AHEAD OF THE PIPE LAYING OPERATION.
- TRENCHES ARE TO BE BACKFILLED AT THE END OF EACH DAY.
- ANY ALTERATIONS TO THIS STANDARD MUST HAVE WRITTEN APPROVAL BY CITY ENGINEER.
- SPECIFICATIONS REGARDING PIPE BEDDING AND TRENCH BACKFILL WILL FOLLOW ISPC SECTION 305 AND 306, UNLESS ABOVE STANDARDS ARE MORE RESTRICTIVE.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

BACKFILL - CLASS 'A'

APPROVED FOR PUBLICATION: *Chad Owen* 2-5-09
City Engineer Date

DWG. NO. 1-4



NOTES:

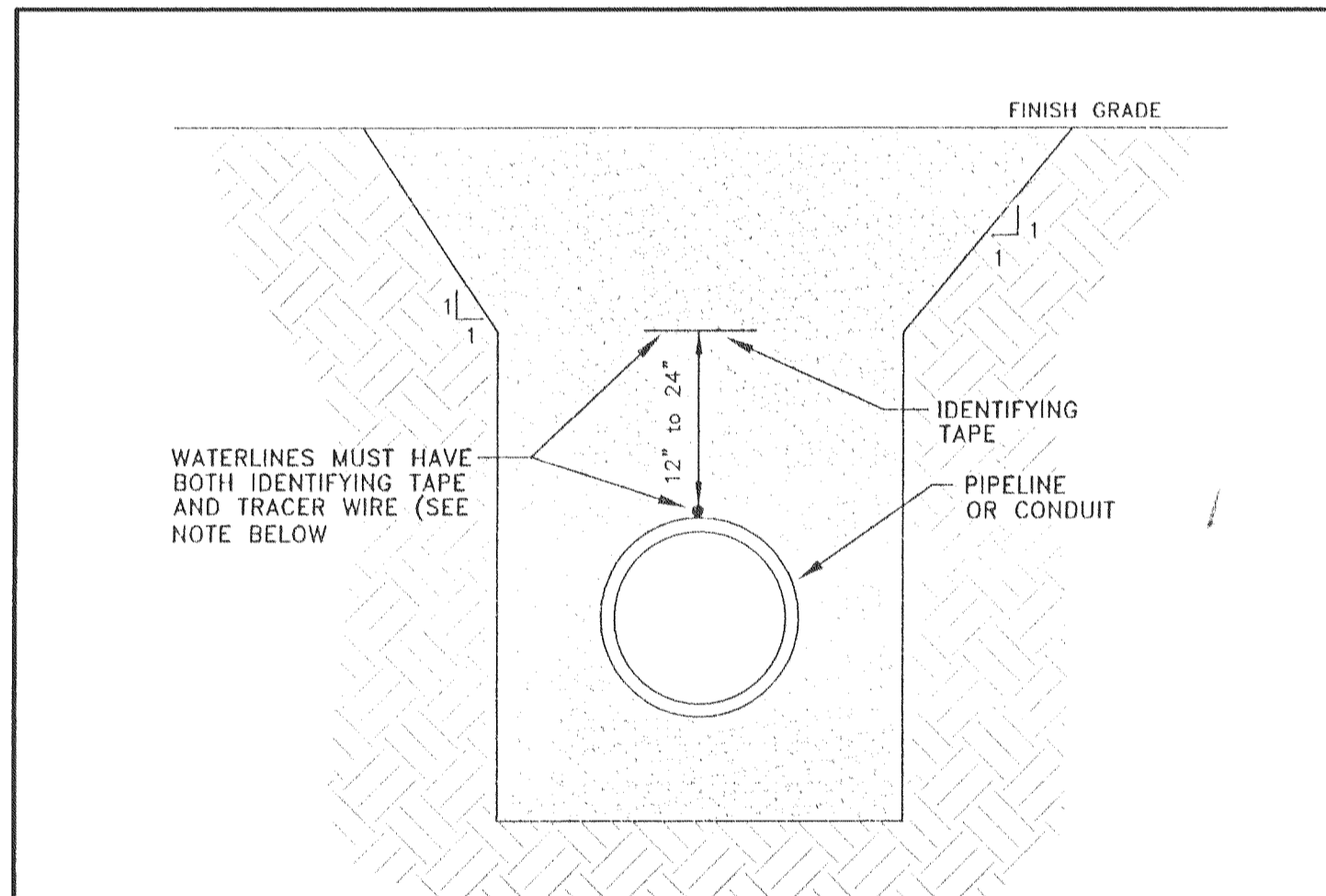
- CONTRACTOR SHALL COMPLY WITH THE MOST CURRENT OSHA REQUIREMENTS FOR EXCAVATIONS.
- CLASS 'D' BACKFILL SHALL COMPLY WITH REQUIREMENTS OF THE CITY'S STANDARD CONSTRUCTION SPECIFICATIONS.
- TRENCH MATERIAL SHALL BE PLACED IN MAX. OF 6" LIFTS.
- IN EXISTING RIGHT-OF-WAY TRENCH EXCAVATION SHALL NOT BE MORE THAN 100 FEET AHEAD OF THE PIPE LAYING OPERATION.
- TRENCHES ARE TO BE BACKFILLED AT THE END OF EACH DAY.
- ANY ALTERATIONS TO THIS STANDARD MUST HAVE WRITTEN APPROVAL BY CITY ENGINEER.
- SPECIFICATIONS REGARDING PIPE BEDDING AND TRENCH BACKFILL WILL FOLLOW ISPC SECTION 305 AND 306, UNLESS ABOVE STANDARDS ARE MORE RESTRICTIVE. NATIVE MATERIAL WILL NOT BE ALLOWED IN THE PIPE ZONE NOR THE PIPE BEDDING WITH THIS STANDARD #1-6.

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

BACKFILL CLASS 'D'

APPROVED FOR PUBLICATION: *Shawn Stalder* 1/31/10
City Engineer Date

DWG. NO. 1-6



TYPE	COLOR	SIZE	DETECTABLE	IMPRINT
WATER	BLUE	3"	NO	CAUTION BURIED WATER LINE BELOW

NO. 12 AWG. TRACER WIRE (THERMO HIGH HEAT-RESISTANT NYLON-COATED) AND USED IN MINIMUM 500 FOOT ROLLS. ALL SPLICES SHALL BE ENCASED IN AN EPOXY SPLICE KIT. TRACER WIRE MUST BE TAPED TO WATERLINE AT MINIMUM OF 15' INTERVALS. CONTRACTOR SHALL CONDUCT A CONDUCTIVITY TEST ON ALL LOCATING WIRE SPLICES.

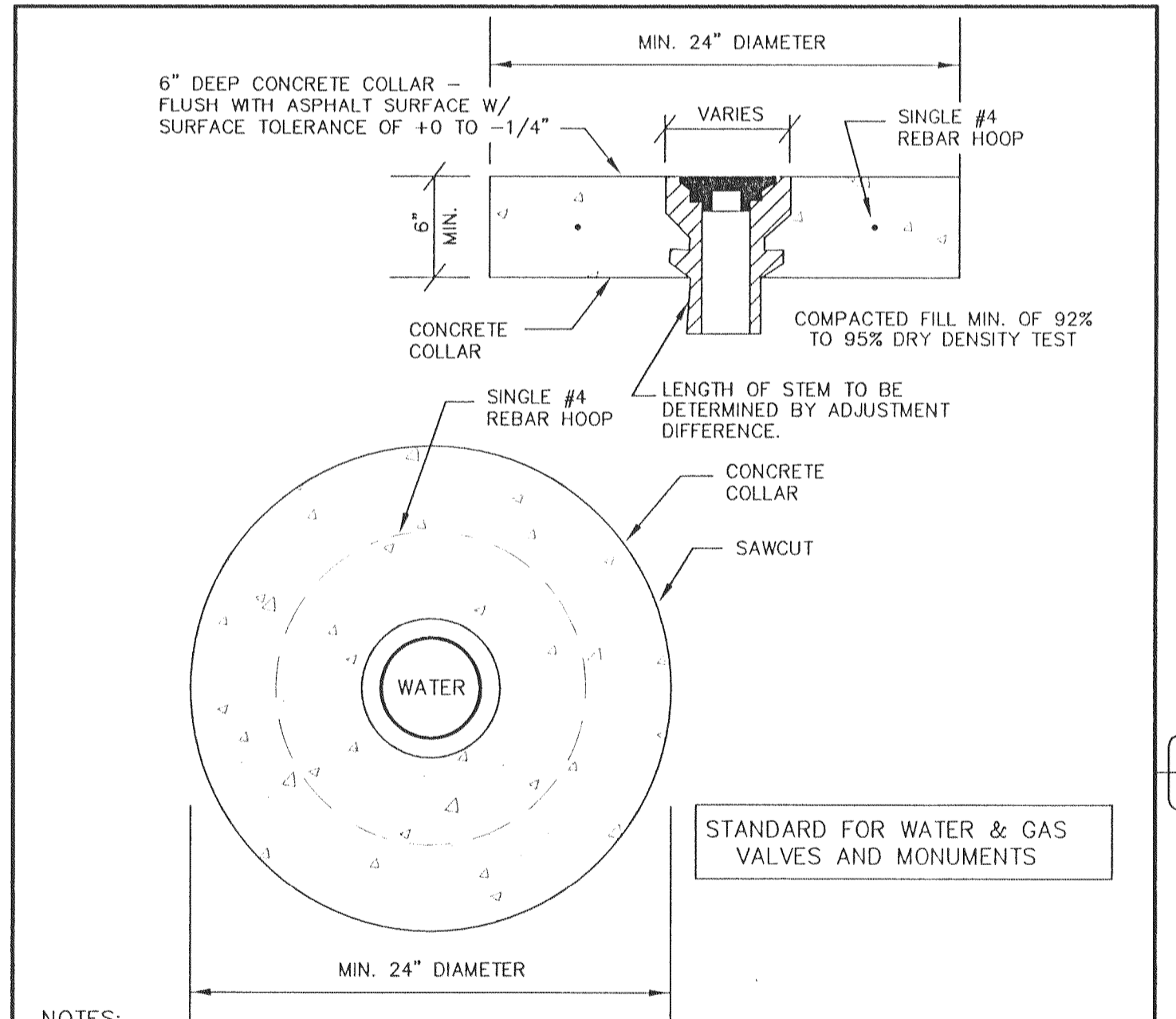
TYPE	COLOR	SIZE	DETECTABLE	IMPRINT
STORM SEWER	GREEN	3"	NO	CAUTION BURIED STORM SEWER LINE BELOW
SANITARY SEWER	GREEN	3"	NO	CAUTION BURIED SEWER LINE BELOW
GAS	YELLOW	3"	NO	CAUTION BURIED GAS LINE BELOW
CABLE	ORANGE	3"	NO	CAUTION BURIED CABLE LINE BELOW
ELECTRICAL	RED	3"	NO	CAUTION BURIED ELECTRIC LINE BELOW

CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

IDENTIFYING TAPE DETAIL

APPROVED FOR PUBLICATION: *Chad Owen* 2-5-09
City Engineer Date

DWG. NO. 1-8



NOTES:

- A CIRCULAR-SHAPED CONCRETE COLLAR IS REQUIRED ON ALL INSTALLATIONS. IN BOTH PAVED OR UNIMPROVED AREAS. INSTALL A 6" THICK CONCRETE COLLAR THAT SHALL BE FLUSH WITH THE ASPHALT SURFACE WITH A SURFACE TOLERANCE OF +0 TO -1/4".
- CONCRETE SHALL BE 3,000 PSI MIN. AT 28 DAYS. WATER/CEMENT RATIO SHALL BE 0.5, 3" MAX. SLUMP AND 3% TO 6% ENTRAINED AIR WITH ONE #4 REBAR HOOP. FIBER-REINFORCED CONCRETE (ADDED PER MANUFACTURER'S RECOMMENDATIONS) MAY BE USED IN LIEU OF #4 REBAR.
- ALL EDGES WILL BE SEALED WITH CSSI OR APPROVED. EQUAL, ALL TOP EDGES WILL BE TACKED AND SAND SEALED.
- UTILITY FRAMES AND LIDS ARE PREFERRED OUTSIDE OF WHEEL PATH, WHERE POSSIBLE.

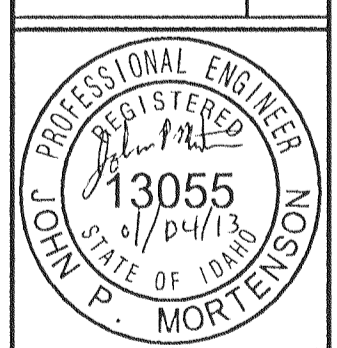
CITY OF LEWISTON, IDAHO
PUBLIC WORKS DEPARTMENT

WATER & GAS VALVES, AND MONUMENTS ADJUST UTILITIES

APPROVED FOR PUBLICATION: *Shawn Stalder* 10/21/10
City Engineer Date

DWG. NO. 1-10

NO.	DATE	BY	DESCRIPTION
1	1/14/12	BJW	REVISED PER CITY COMMENTS
2			
3			
4			
5			
6			



DESIGNED	BJW
DESIGN CHECKED	JRW/JPM
DETAILED	BJW
DRAWING CHECKED	JRW/JPM
FILE NAME	2060-DETAILS.dwg
DRAWING DATE	1/4/13
DRAWING SCALE	AS SHOWN
SHEET	7 OF 10