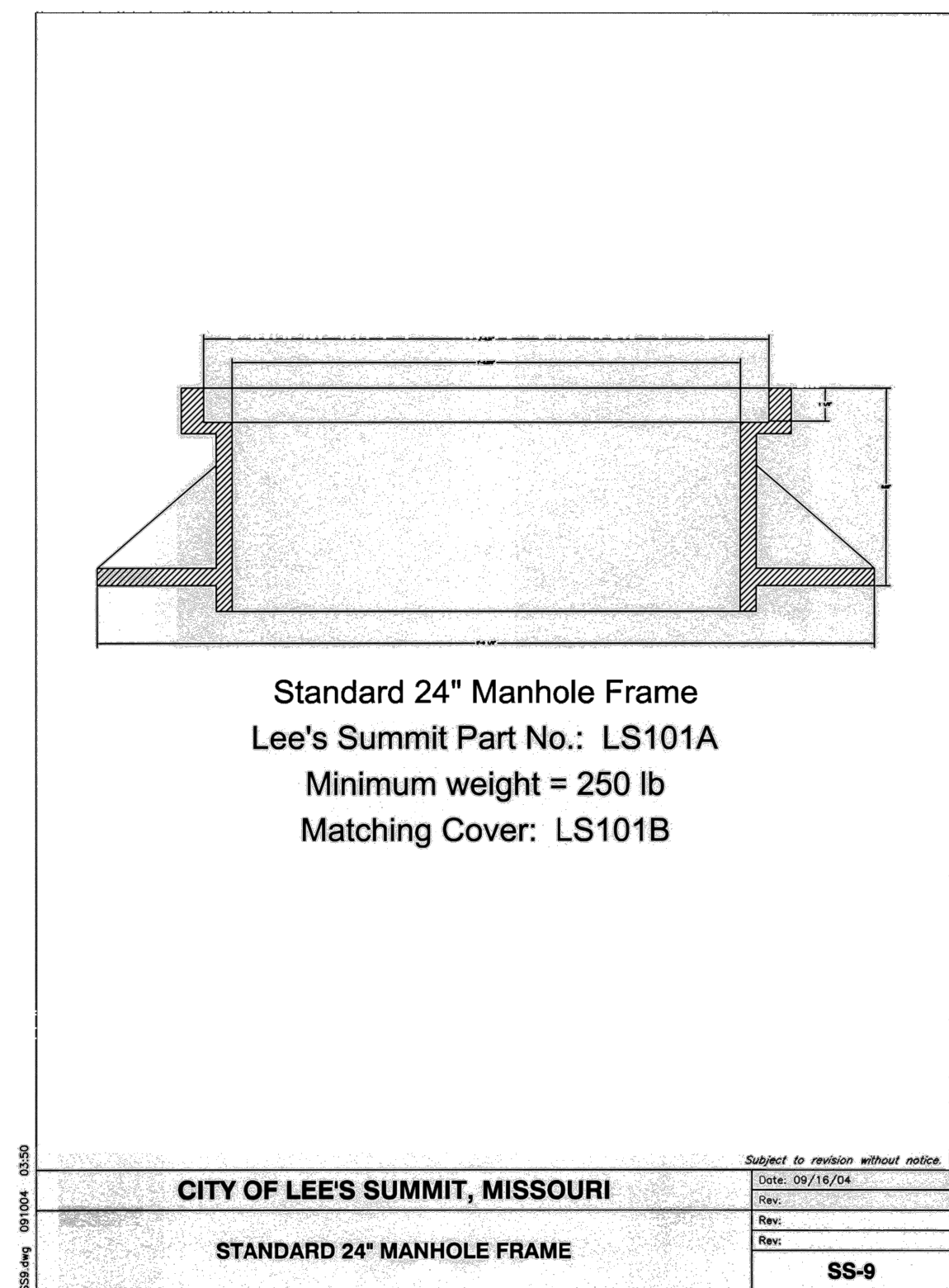
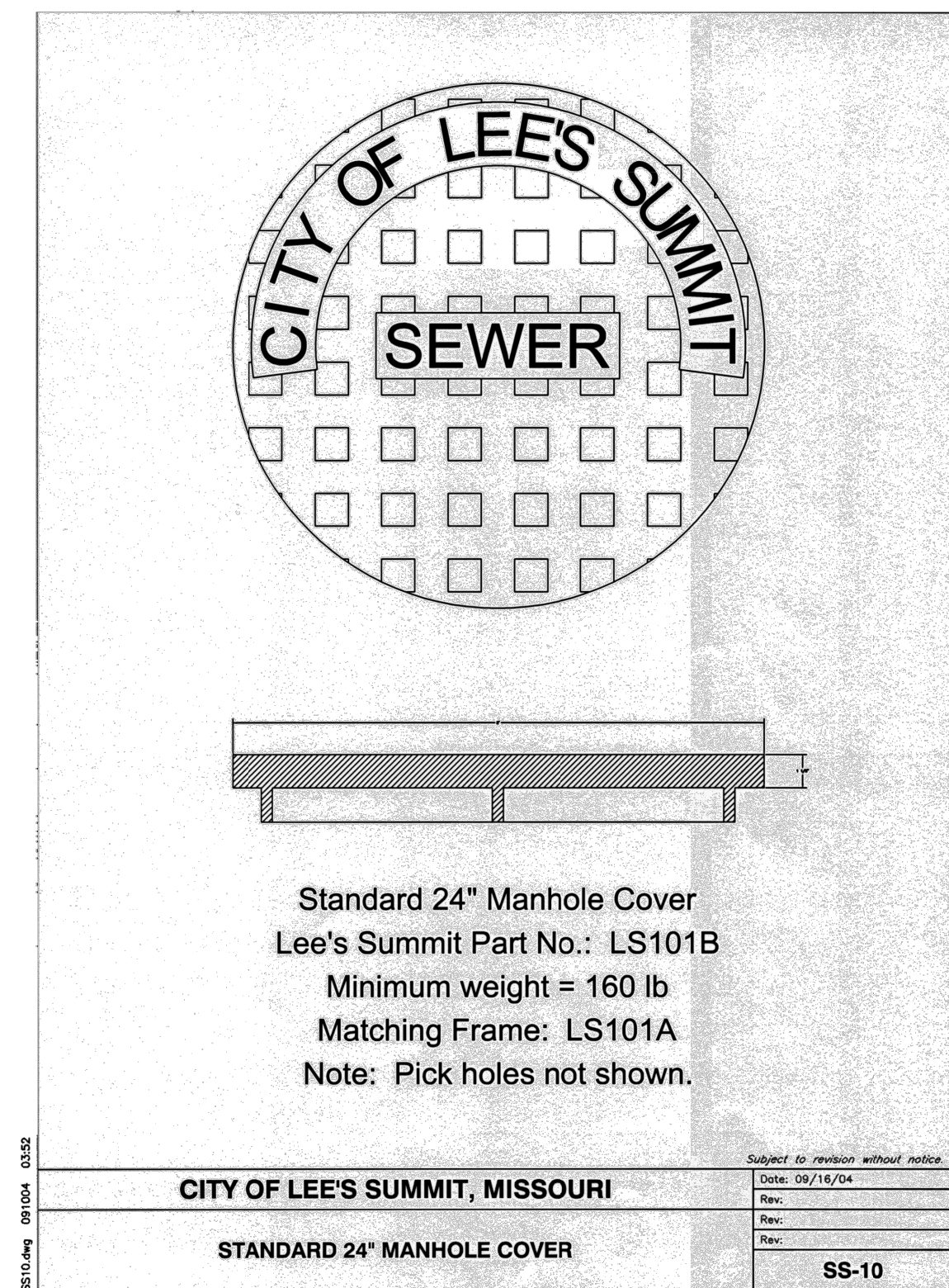
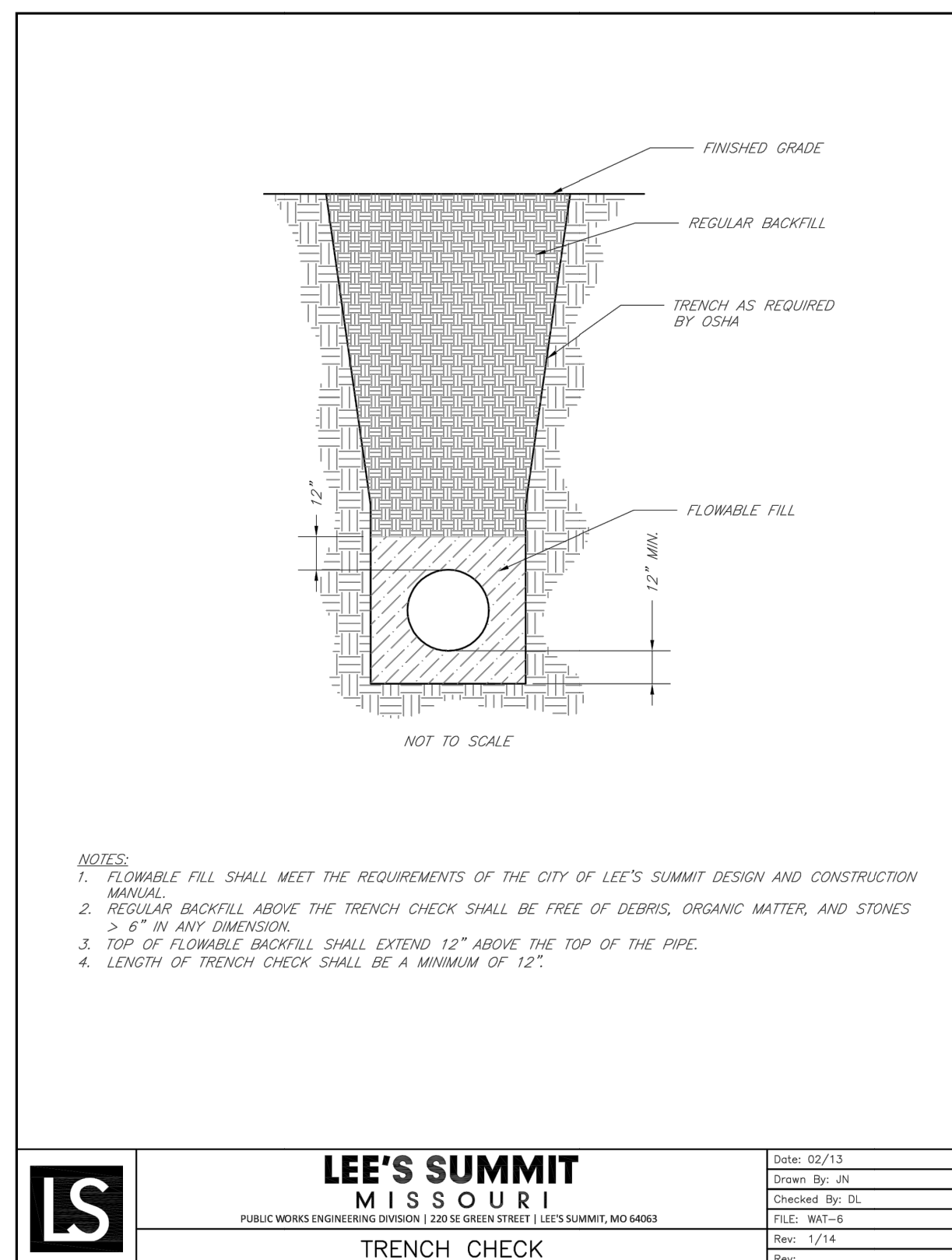
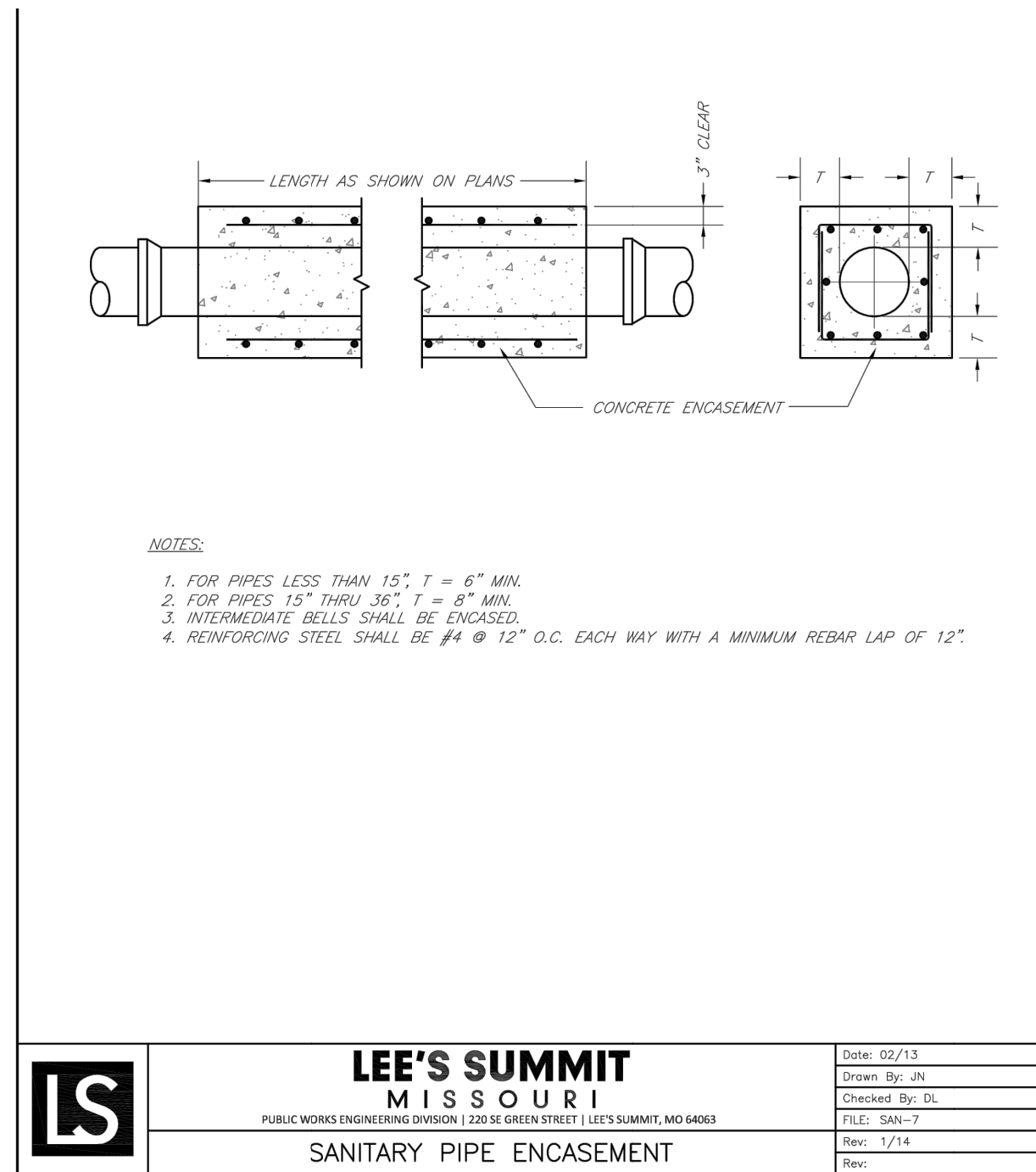
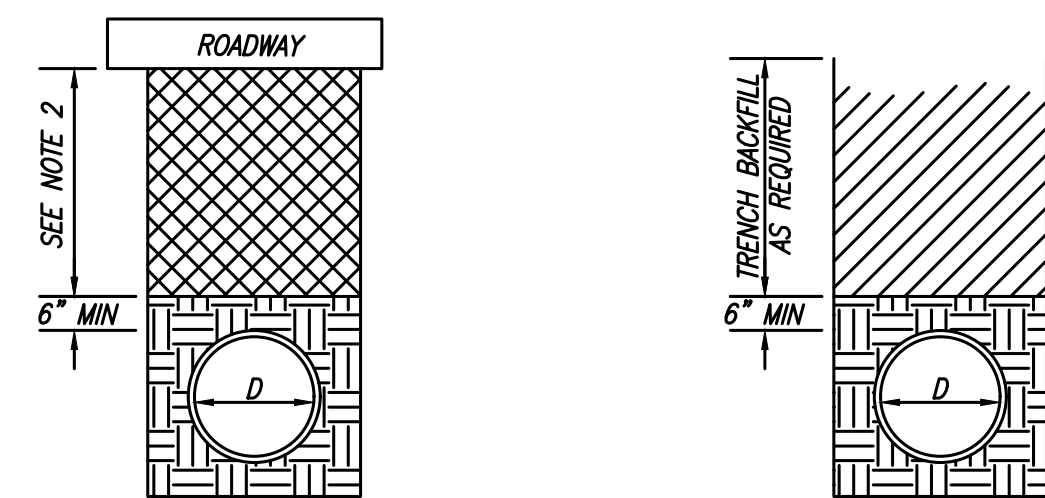




SANITARY PIPE EMBEDMENT DETAILS



SANITARY PIPE EMBEDMENT BENEATH ROADWAY

TYPICAL SANITARY PIPE EMBEDMENT

LEGEND	
D	NOMINAL PIPE DIAMETER
	TRENCH BACKFILL
	TAMPED GRANULAR BACKFILL (AB-3)
	GRANULAR BEDDING

D	PIPE SIDE CLEARANCE (SOIL/ROCK)	PIPE BOTTOM CLEARANCE (SOIL/ROCK)
0"-18"	6/6	6/6
21"-30"	8/9	6/9

NOTES:

1. 1. GRANULAR BEDDING SHALL BE ½" CLEAN ROCK WITH A MAXIMUM PARTICLE SIZE ¾ INCH ROCK, PASSING #200 SIEVE ≤35% (PI ≤10 AND LL ≤40). MATERIAL TO BE PLACED IN NOT MORE THAN 6" LAYERS AND COMPACTED BY SLICING WITH A SHOVEL OR VIBRATING.
2. TAMPERED GRANULAR BACKFILL (AB-3) SHALL BE GRANULAR MATERIAL WITH A MAXIMUM PARTICLE SIZE 1 - ½ INCH ROCK, PASSING #40 SIEVE (PI ≤8) 15 TO 50% AND #200 SIEVE ≤35%. THIS MATERIAL SHALL BE USED FOR ALL EXISTING AND PROPOSED STREET CROSSINGS FOR MAIN AND LATERAL CONSTRUCTION
3. TRENCH BACKFILL SHALL BE FINELY DIVIDED MATERIAL FREE FROM DEBRIS AND STONES, COMPACTED TO 95% MAXIMUM DENSITY.
4. NARROW TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES 24 INCHES OR LESS IN WIDTH AND SHALL BE FLOWABLE BACKFILL (CLSM).
5. STANDARD TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES BETWEEN 24 TO 48 INCHES WIDE SHALL BE EITHER FLOWABLE BACKFILL (CLSM) OR DENSE, WELL-GRADED AGGREGATE BASE MATERIAL. AGGREGATE BASE MATERIAL SHALL MEET THE REQUIREMENTS FOR KDOT AB-3 OR MODOT TYPES 1 OR 5.
6. WIDE TRENCH: SUITABLE BACKFILL MATERIAL FOR TRENCHES GREATER THAN 48 INCHES WIDE SHALL BE EITHER MATERIALS SPECIFIED FOR STANDARD TRENCH OR SUITABLE MATERIAL AS SPECIFIED FOR "EARTH EMBANKMENT" IN APWA STANDARD SPECIFICATIONS, SECTION 2102.2.H

**WHISPERING WOODS - 1ST PLAT
LOTS 1 THRU 33
LEE'S SUMMIT, JACKSON COUNTY, MO
SANITARY SEWER PLANS
DETAILS**

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ENGINEER'S SEAL
STATE OF MISSOURI
ENGINEER
PROFESSIONAL
BRIAN L. GLENN
COMMISSION EXPIRES
07-10-2018
LICENSE NUMBER
PE-2010011667

REVISION	
2	REVISED ON 02-26-18: DETAILS ADDED/MODIFIED
3	REVISED ON 03-23-18: DETAILS ADDED/MODIFIED

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