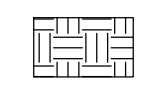
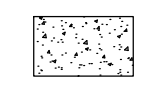
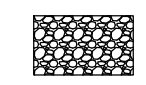
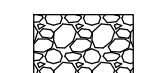
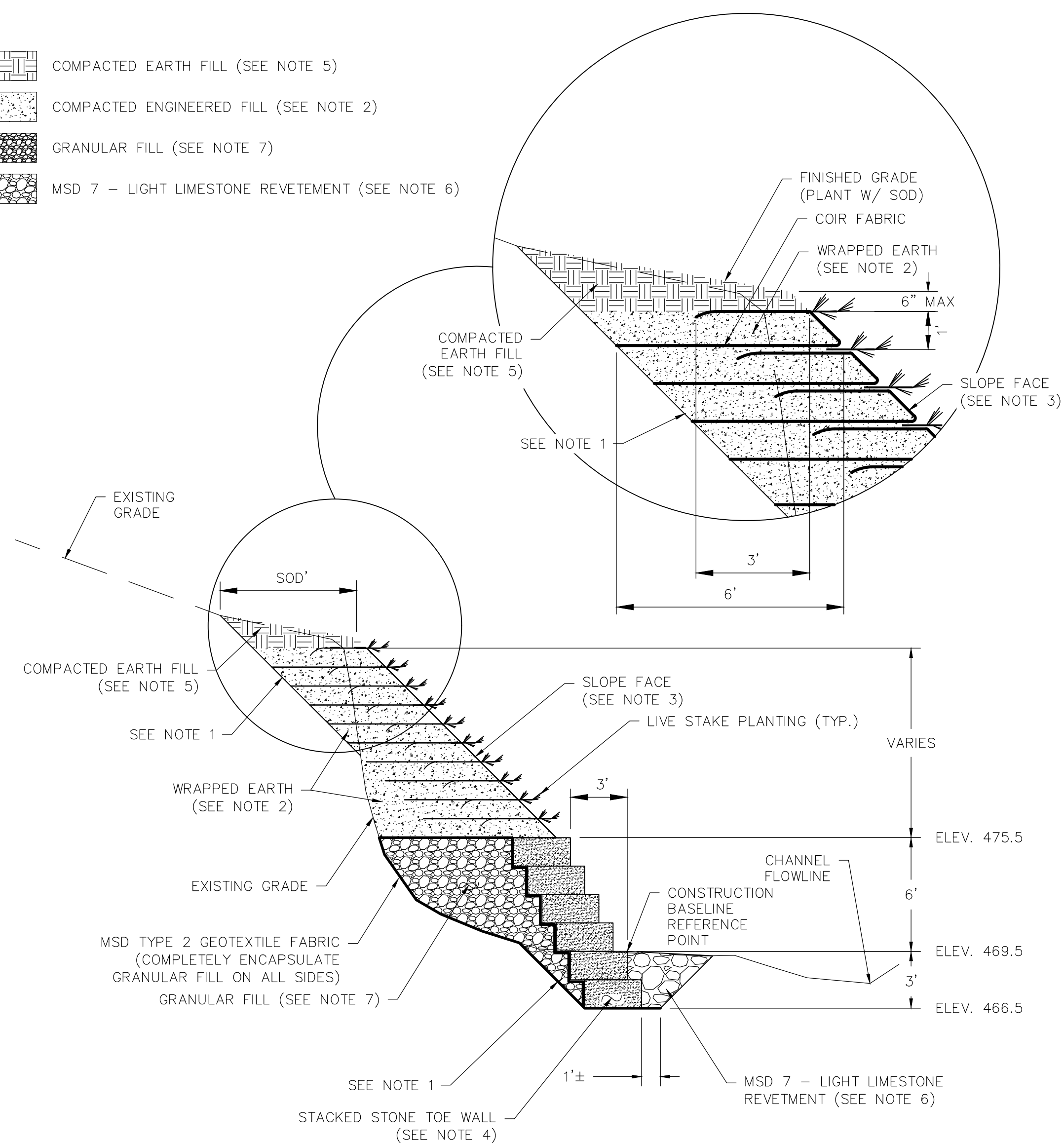


-  COMPACTED EARTH FILL (SEE NOTE 5)
-  COMPACTED ENGINEERED FILL (SEE NOTE 2)
-  GRANULAR FILL (SEE NOTE 7)
-  MSD 7 - LIGHT LIMESTONE REVETMENT (SEE NOTE 6)

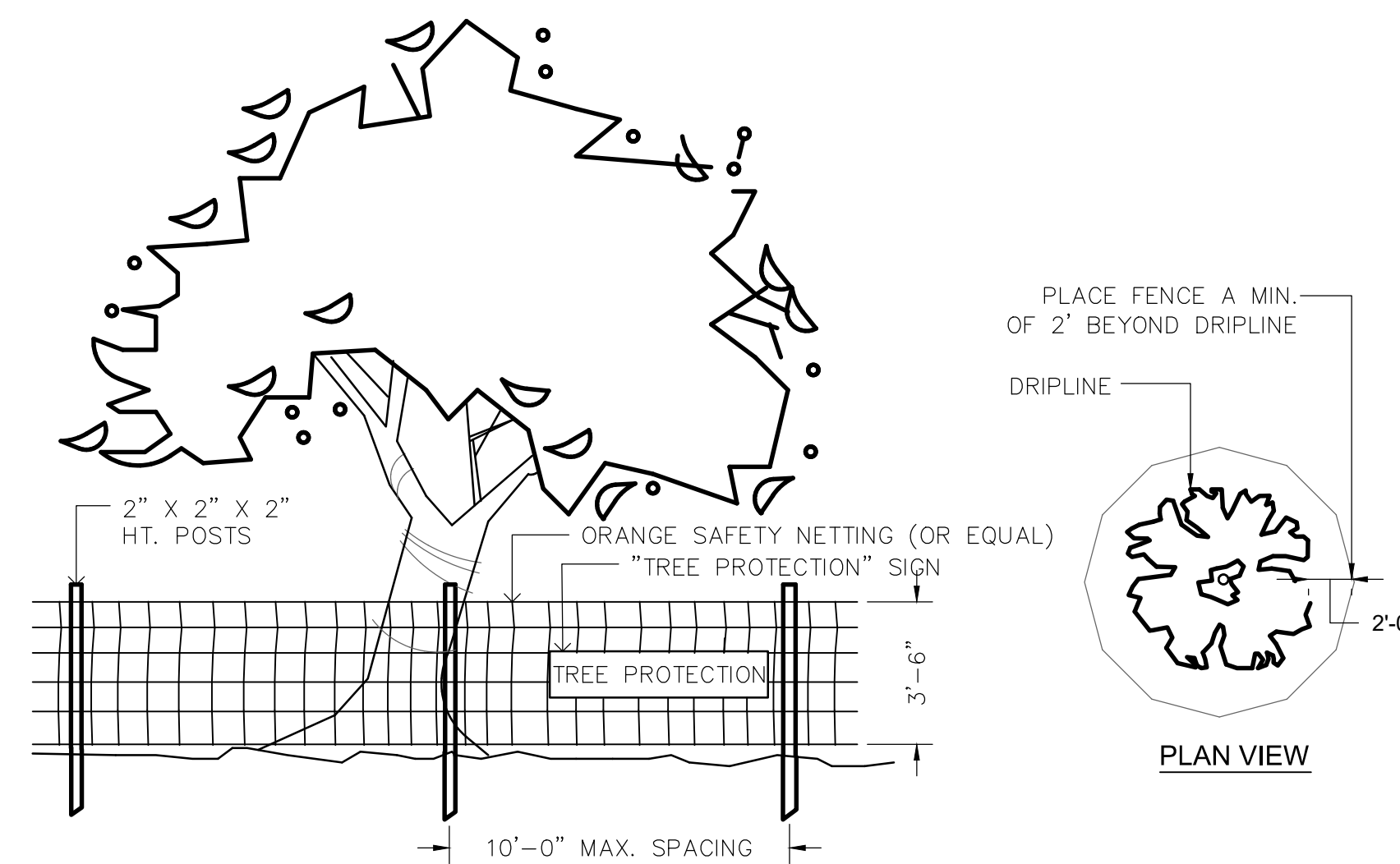


NOTES:



1. EXCAVATION SLOPE FACE SHALL BE NO STEEPER THAN 1(H):1(V) OR PER OSHA REQUIREMENTS. BENCHING OF THE EXCAVATED FACE IN ACCORDANCE WITH OSHA IS AN ACCEPTABLE ALTERNATIVE. WRAPPED EARTH IS COMPACTED ENGINEERED FILL WRAPPED ON 3 SIDES WITH COIR FABRIC.
2. WRAPPED EARTH IS COMPACTED ENGINEERED FILL WRAPPED ON 3 SIDES WITH COIR FABRIC. ENGINEERED FILL SHALL BE 10-15% CLAY, 50-55% SAND, AND 30-35% SILT WITH 3-5% ORGANIC MATTER. COMPACTION SHALL BE 85% PROCTOR (MINIMUM).
3. THE FACE OF THE WRAPPED EARTH SLOPE SHALL BE SEEDED WITH A NATIVE GRASS MIXTURE. LIVE STAKE PLANTINGS SHALL BE PLACED IN SLOPE FACE PER DETAIL 1 ON SHEET C.01. SLOPE OF FACE SHALL BE 1(H):1(V).
4. STACKED STONE TOE WALL CONSISTS OF STONE UNITS MEASURING APPROXIMATELY 3 FEET BY 3 FEET IN PLAN VIEW AND 1.5 FEET IN HEIGHT. EACH ROW OF THE TOE WALL IS STAGGERED 0.75 FEET.
5. EARTH FILL SHALL BE COMPACTED TO 85% PROCTOR (MINIMUM).
6. MSD 7 - LIGHT LIMESTONE REVETMENT ROCK SHALL BE AT LEAST 7 INCHES IN SIZE AND ALL STONES SHALL WEIGH NOT LESS THAN 25 POUNDS, AND AT LEAST 75% SHALL NOT WEIGH LESS THAN 50 POUNDS.
7. GRANULAR FILL SHALL BE A CRUSHED LIMESTONE OR DOLOMITE IN ACCORDANCE WITH THE GRADATION REQUIREMENTS SHOWN IN TABLE A TO THE RIGHT.

SIEVE SIZE	% BY WEIGHT
1-1/2-INCH	100
1-INCH	95-100
1/2-INCH	25-60
NO. 4	0-10
NO. 8	0-5

1 TYPICAL HALF SECTION THROUGH BANK
D-1 NO SCALE



2 TREE PROTECTION
D-1 NO SCALE

 M3 ENGINEERING GROUP, PC 911 WASHINGTON AVE, SUITE 620 SAINT LOUIS, MISSOURI 63101 PH: (314) 588-0690	REV.	DATE	DESCRIPTION	BY
	CITY OF O'FALLON			
 MICHAEL SEAN MARTIN, P.E. NUMBER PE-2008002186 DATE 9/20/18	COACHMAN WAY STREAM IMPROVEMENTS CITY OF O'FALLON, MISSOURI ST. CHARLES COUNTY, MISSOURI			
	Designed	MSM	Date	SEP 2018
Drawn	SLW	Sheet No	12 of 12	
Checked	TDW			