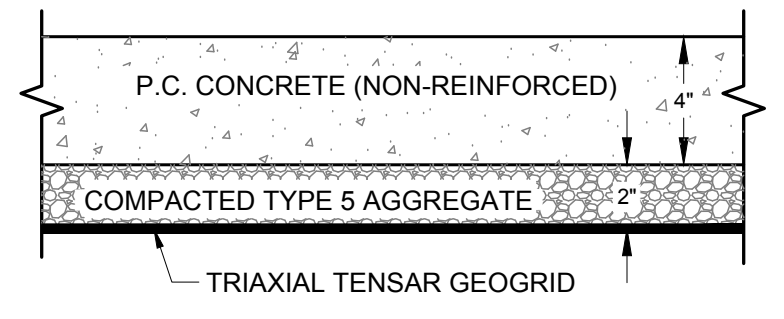


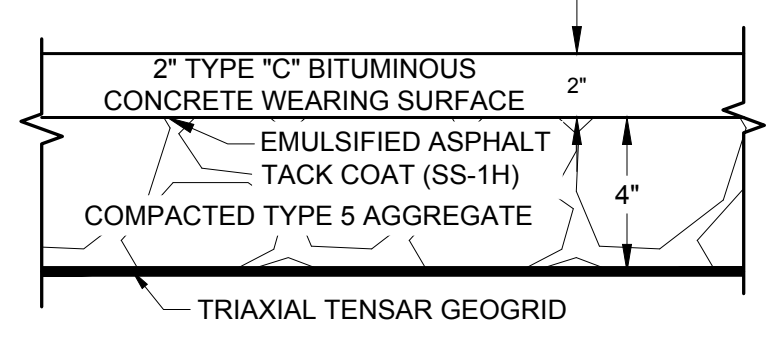
C-400_2306_DordenneCreek_DT

5/2/24

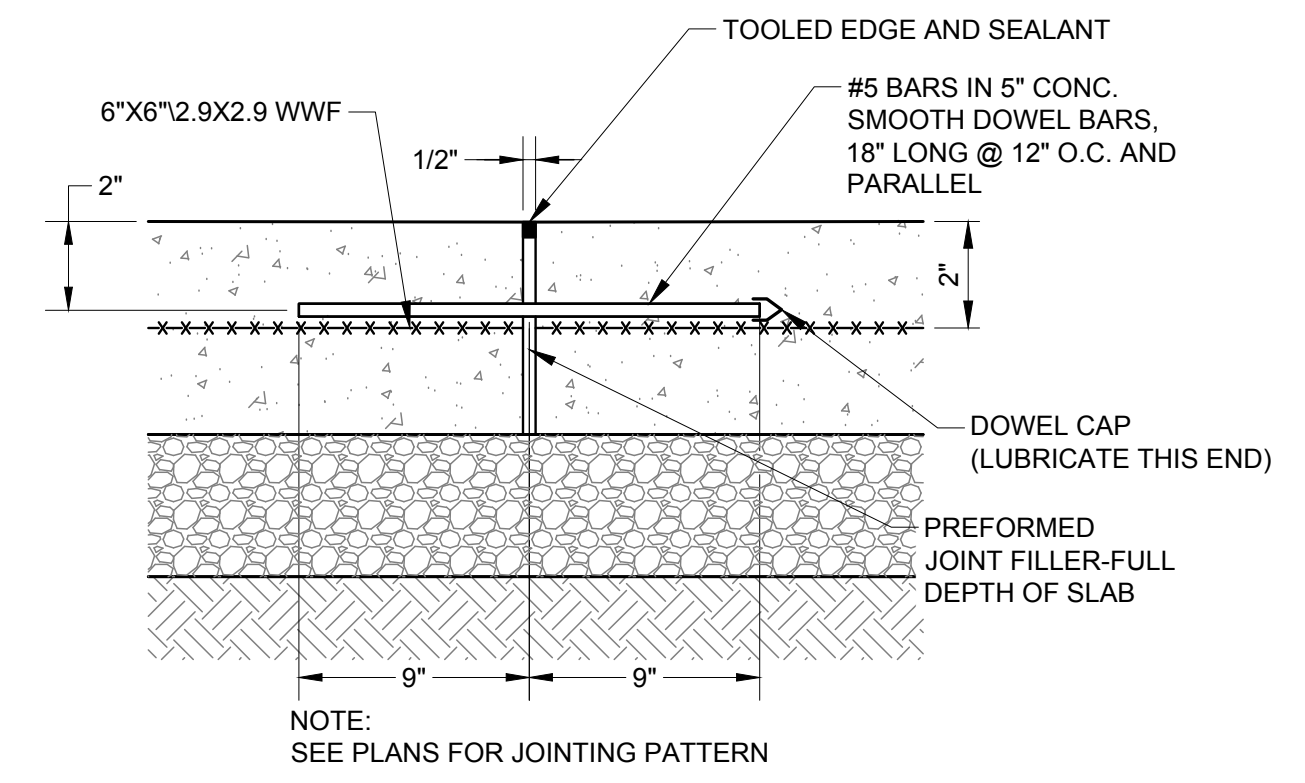
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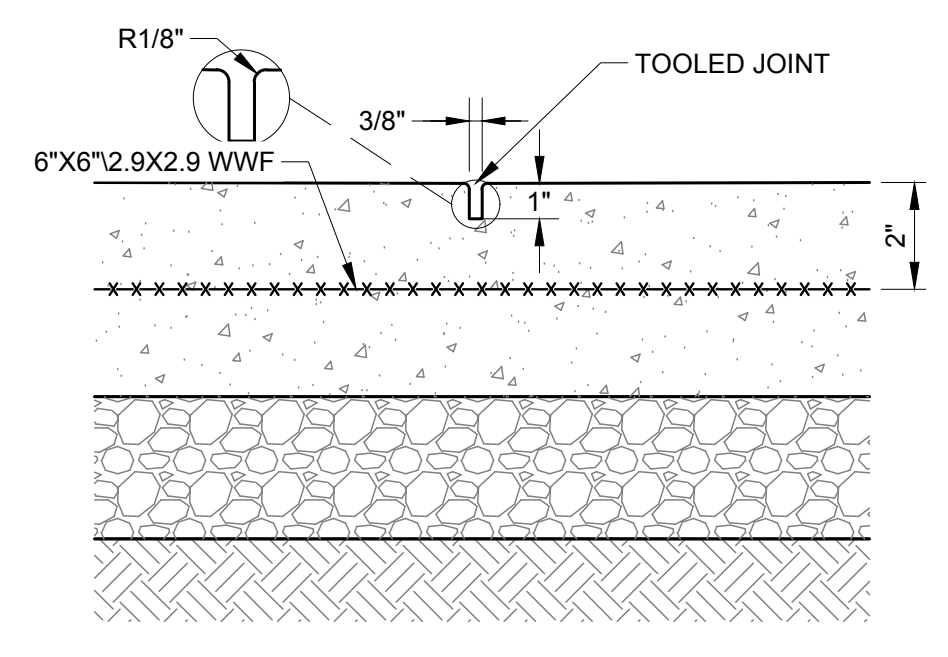
1 CONCRETE WALKWAY NTS



2 NEW TRAIL NTS



3 EXPANSION JOINT NTS



4 CONTRACTION JOINT NTS

ROCK GRADATION TABLE
D₉₀ = 12"

RIPRAP ROCK SIZE (inches)	PERCENT PASSING
0.001	5
0.04	10
1.64	15
3.5	30
7	50
10	70
11.5	85
12	90

ROCK GRADATION TABLE
D₉₀ = 24"

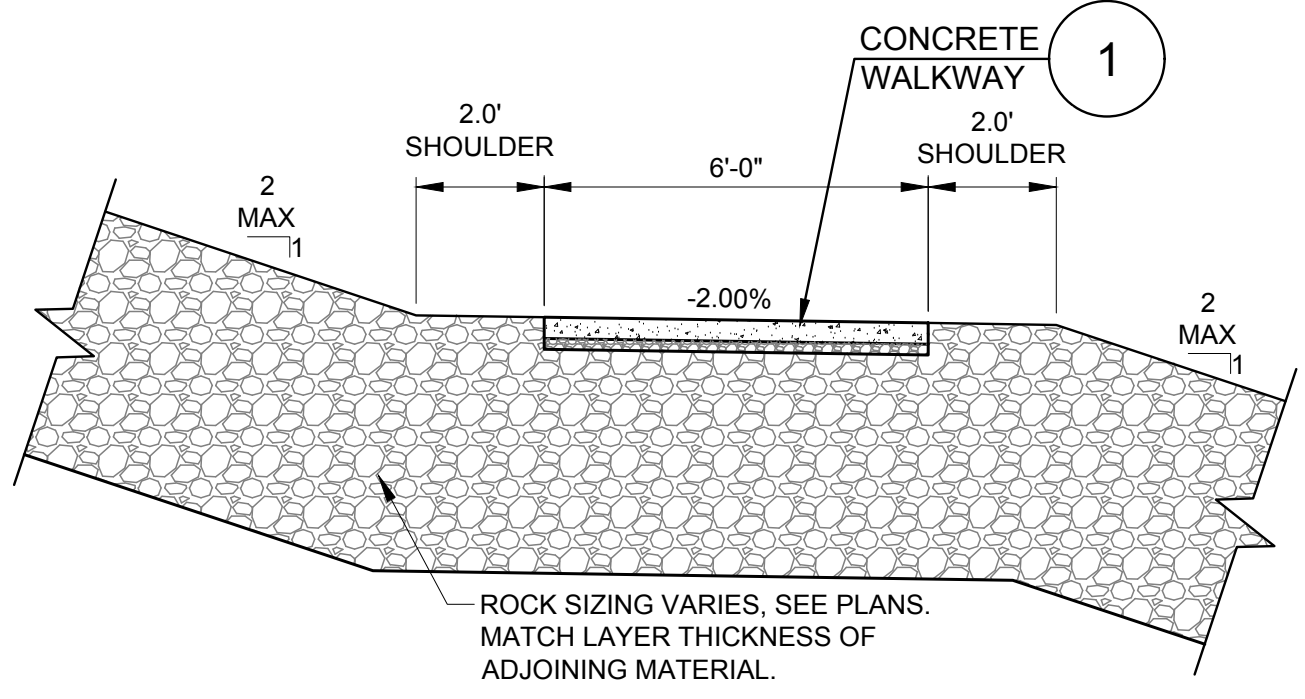
RIPRAP ROCK SIZE (inches)	PERCENT PASSING
0.001	5
0.04	10
3.29	15
7	30
12	50
19	70
23	85
24	90

ROCK GRADATION TABLE
D₉₀ = 36"

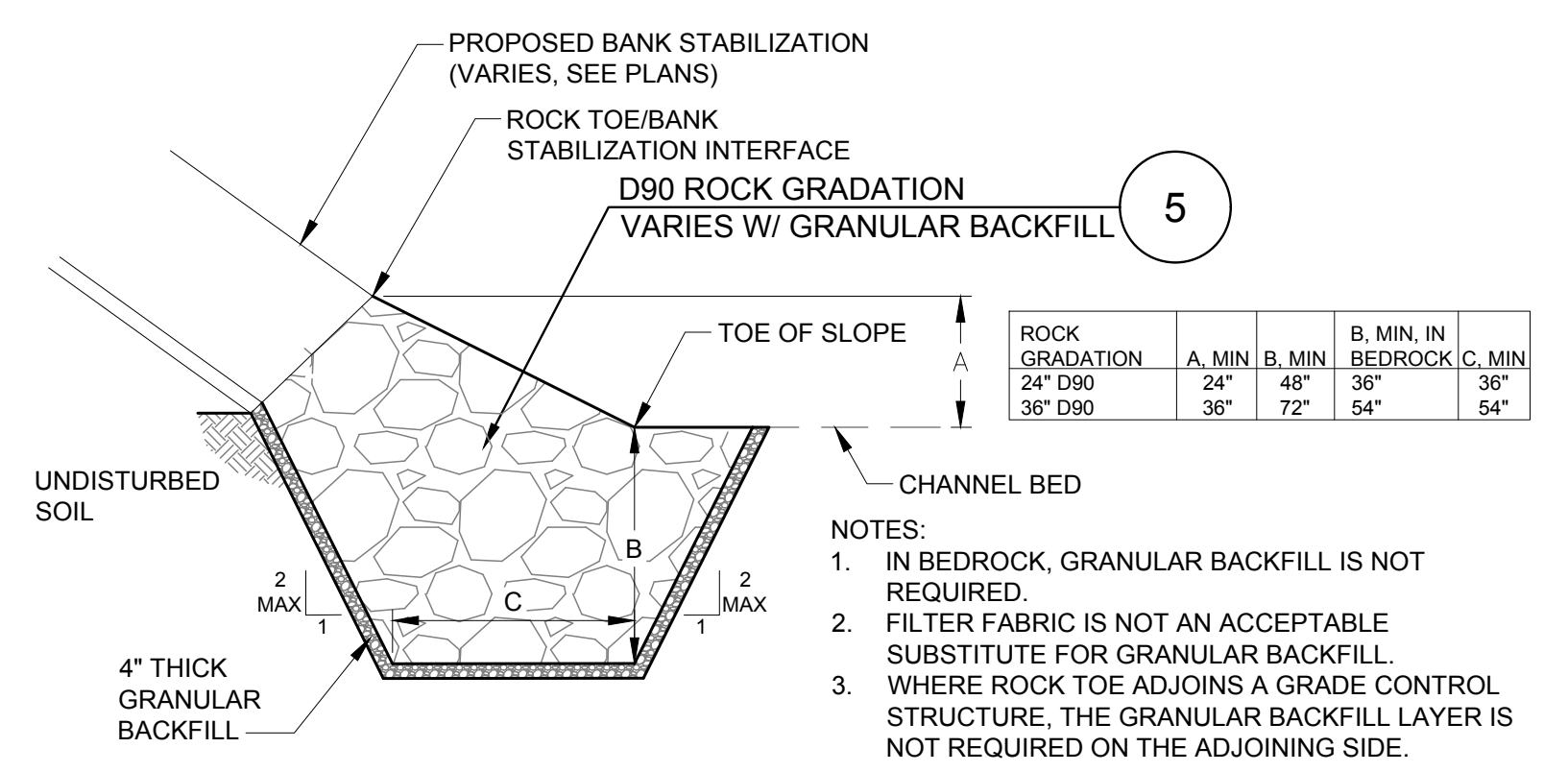
RIPRAP ROCK SIZE (inches)	PERCENT PASSING
0.001	5
0.040	10
5.000	15
15.00	30
24.00	50
30.00	70
35.00	85
36.00	90
36.00	100

- NOTES:
- Rock shall be hard, durable, angular in shape and resist weathering. Rock shall not contain shale. Neither breadth nor thickness of a single stone shall be less than 1/3 its length. Rock shall be well graded. The rock shall contain fines in sufficient quantities to fill voids while suspended in a matrix of fines shall not be allowed. THERE SHALL BE NO VISIBLE VOIDS IN ROCK STRUCTURES.
 - FOR 12" D90 ROCK
70% of rock shall be 3.5" or larger.
50% of rock shall be 7" or larger.
30% of rock shall be 10" or larger.
10% of rock shall be 12" or larger.
 - FOR 24" D90 ROCK
70% of rock shall be 7" or larger.
50% of rock shall be 12" or larger.
30% of rock shall be 19" or larger.
10% of rock shall be 24" or larger.
 - FOR 36" D90 ROCK
70% of rock shall be 15" or larger.
50% of rock shall be 24" or larger.
30% of rock shall be 30" or larger.
10% of rock shall be 36" or larger.
 - GRANULAR BACKFILL - Use a 2" minus rock gradation.

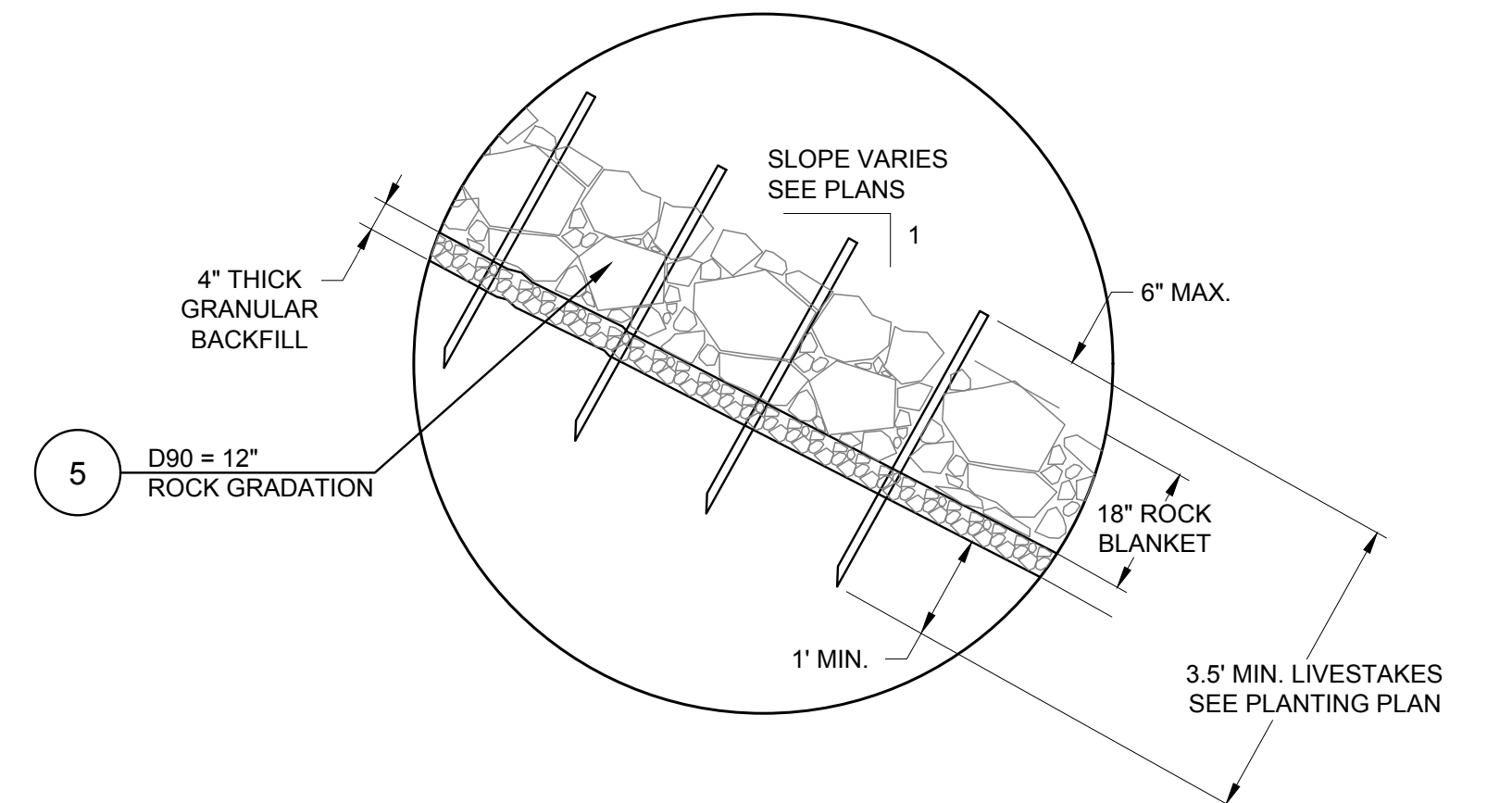
5 ROCK GRADATION NTS



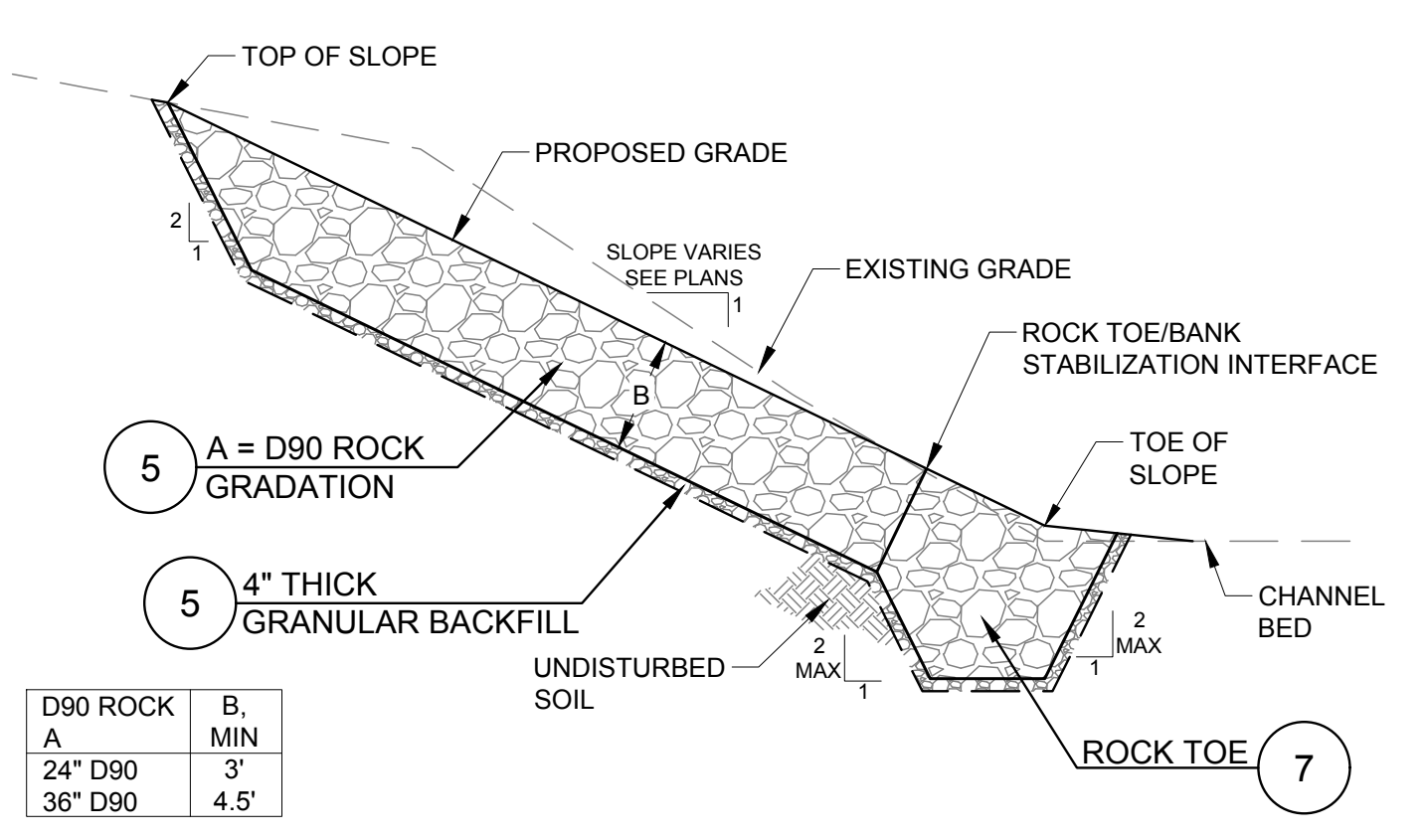
6 RAMP NTS



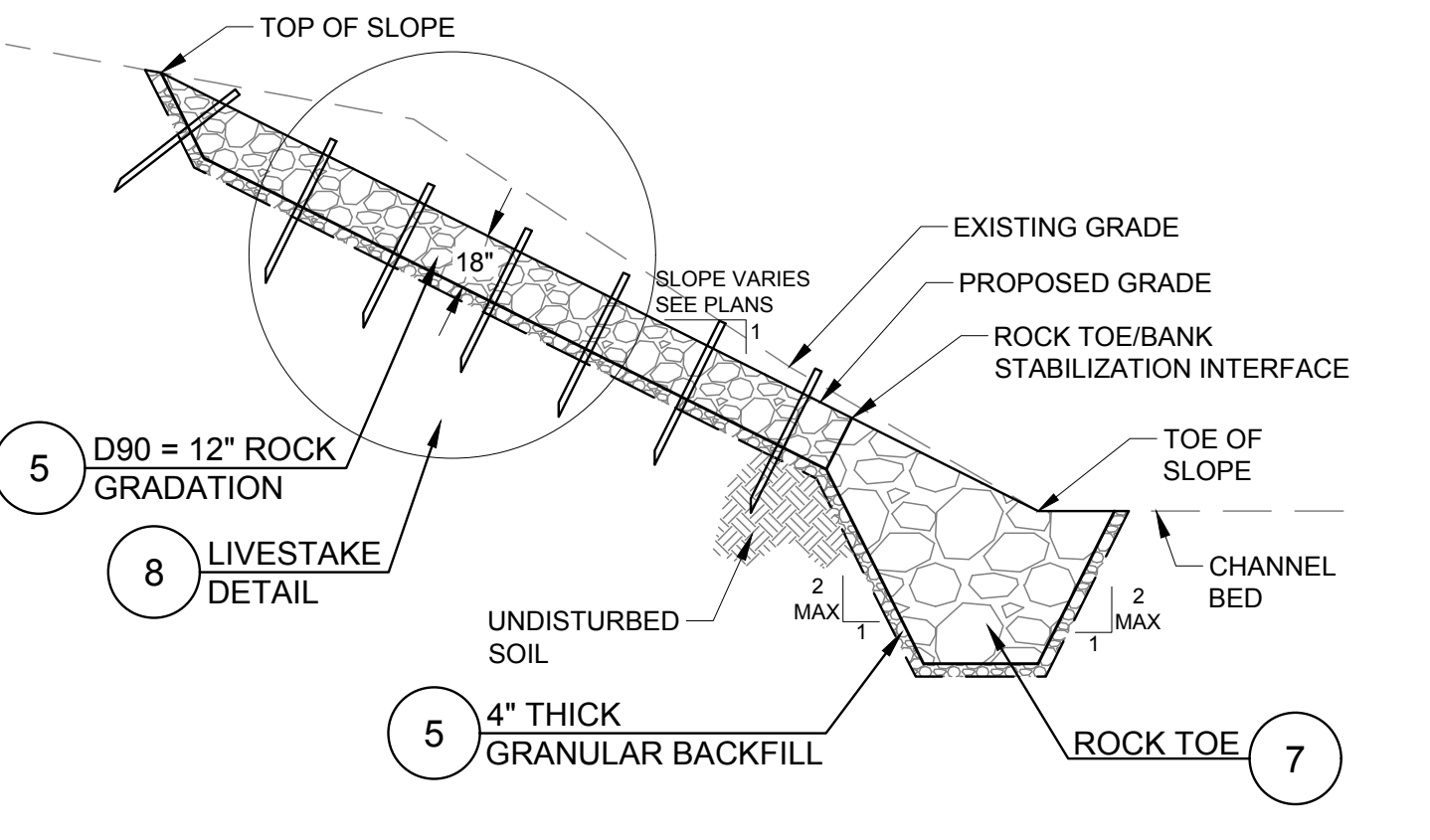
7 ROCK TOE NTS



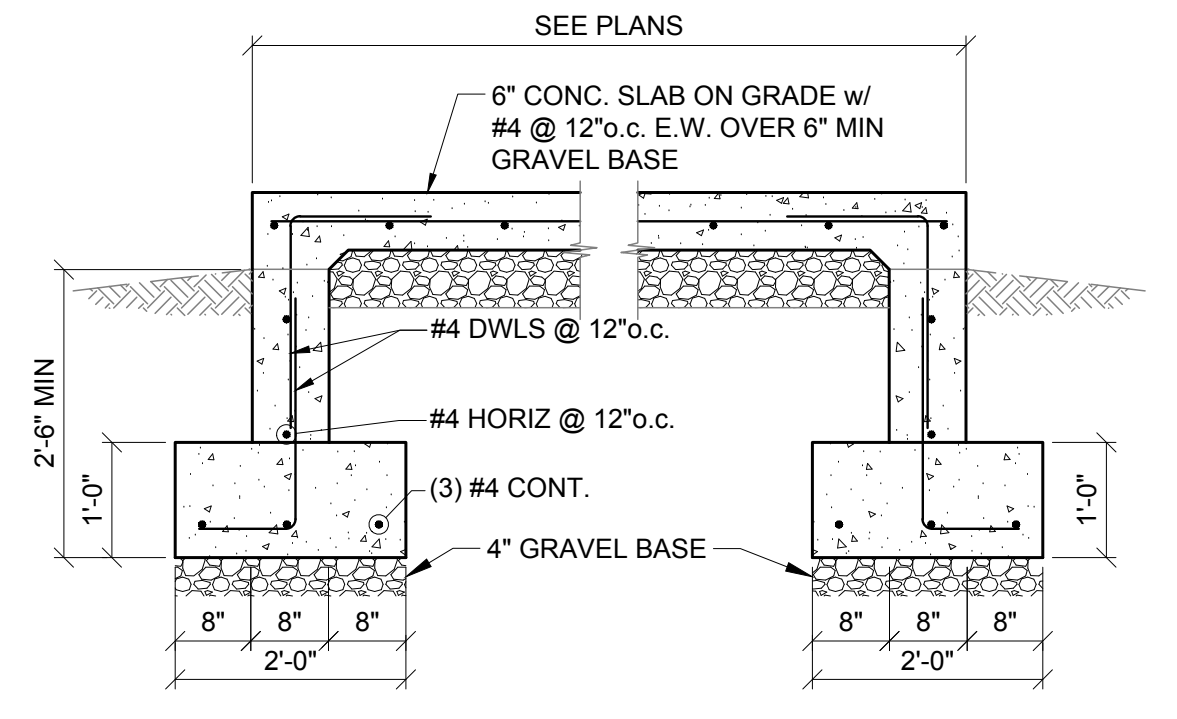
8 LIVESTAKES NTS



9 ROCK SLOPE NTS



10 ROCK SLOPE WITH LIVESTAKES NTS



11 CONCRETE PLATFORM NTS



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Phone (636) 777-3000

**DARDENNE CREEK BLUEWAY
TRAIL AND STREAM
STABILIZATION - SITE 2**
Saint Charles County, Missouri

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Professional Engineer Seal
Timothy Patrick Dean - Engineer
MO# E-2008019536



Expiration Date: DEC. 31, 2024

Rev	Date	Description

Date: _____
Drawn by: JMS
Checked by: MSA
Approved by: TPD

PROJECT NO. 2306

SHEET TITLE:

DETAILS

SHEET NUMBER:

C-401