

CENTERLINE OF ASPHALT DESIGN
P.O.B. CENTER OF CUL-DE-SAC

LINE	BEARING	LENGTH
L1	S60°40'10"W	90.00
L2	S53°27'16"W	592.24
L3	S60°39'07"W	28.90
L4	S52°10'13"W	173.58

CURVE	DELTA ANGLE	LENGTH	RADIUS	CHORD DIRECTION	CHORD
C1	7°13'04"	31.49	250.00	N57°03'48"E	31.47
C2	7°11'51"	62.81	500.00	S57°03'11"W	62.77
C3	8°28'54"	74.02	500.00	N56°24'40"E	73.95

NOTE: ROUGH GRADING, INSTALLATION OF GRANULAR BORROW, RETAINING WALLS AND STORM DRAIN PIPING LABELED AS EXISTING HAVE BEEN INSTALLED AS PART OF THIS PROJECT.

PVI STA = 27+00.83
PVI ELEV = 5685.39
A.D. = 8.49
K = 29.46

PVI STA = 23+50
PVI ELEV = 5673.06
A.D. = -8.49
K = 29.46

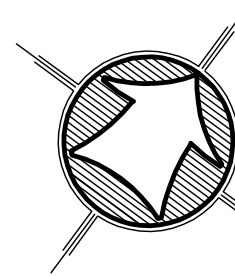
FINISH DESIGN GRADE
TOP OF ASPHALT
STA: 21+05 TO STA: 23+78
EXISTING TOP OF RETAINING WALL
INSTALLED AUG. 2007 AS PART
OF THIS PROJECT.

STA: 25+00 TO STA: 27+60
EXISTING TOP OF RETAINING WALL
INSTALLED AUG. 2007 AS PART
OF THIS PROJECT.

Engineer's Notice To Contractors
The existence and location of any underground utility pipes or structures shown on these plans were obtained from available information provided by others. The locations shown are approximate and shall be confirmed in the field by the contractor, so that any necessary adjustment can be made in alignment and/or grade of the proposed improvement. The contractor is required to contact the utility companies and take due precautionary measure to protect any utility lines shown, and any other lines obtained by the contractors research, and others not of record or not shown on these plans.

KEYED NOTES:

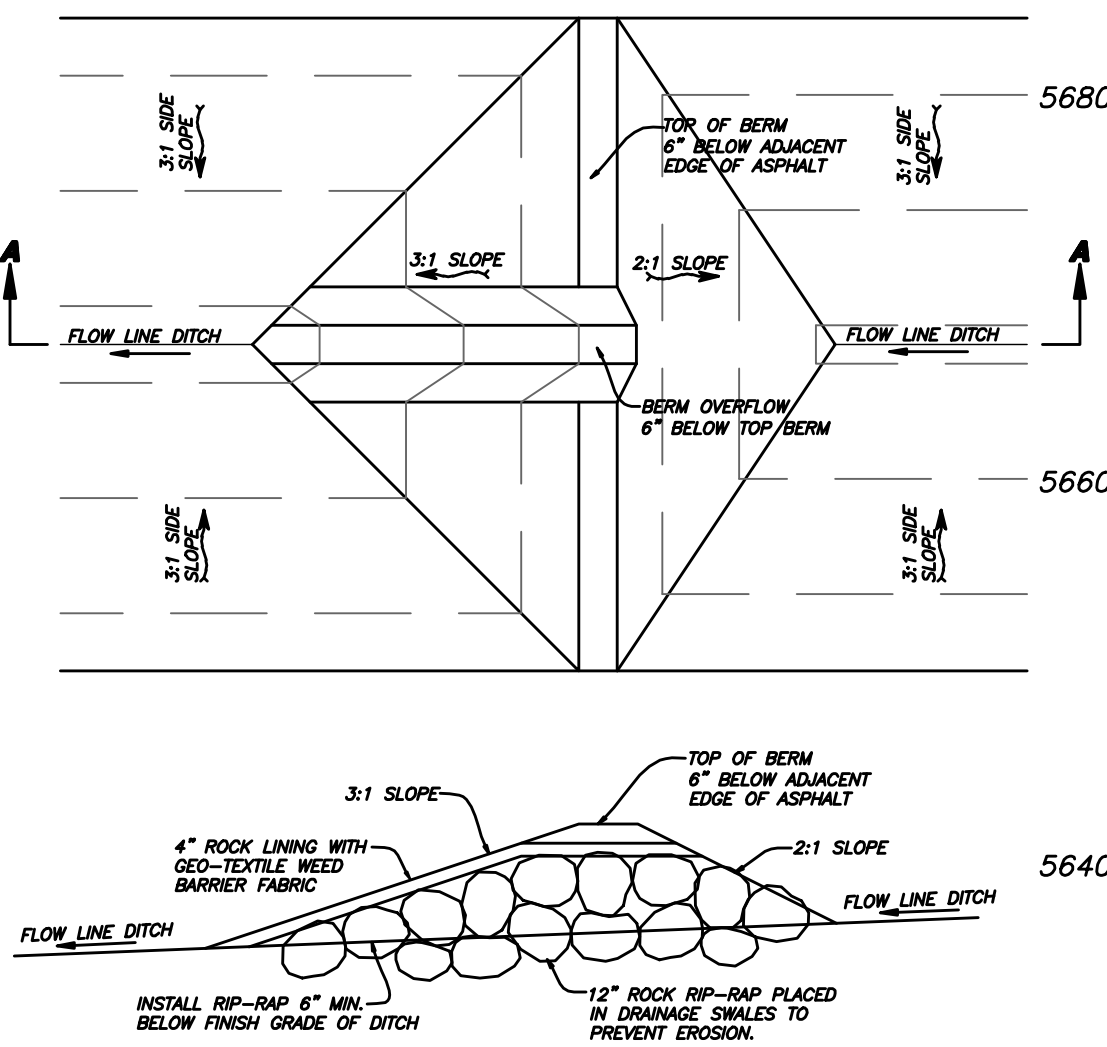
- 30"x48" O.D. CONC. CATCH BASIN
TOP OF GRATE: 5641.41
FL OUT: 5637.45
(MATCH NEW 30" RCP TOP OF PIPE
TO EXISTING 15" RCP TOP OF PIPE.)
- INSTALL 60 LF OF 30" RCP STORM
DRAIN PIPE @ 7.4% SLOPE FOR OFFSITE
WATER CONVEYANCE ACROSS STREET.
- INSTALL 30" CONC. PIPE END SECTION.
MODIFY EXISTING RECEIVING DRAINAGE
CHANNEL AS REQ'D TO ACCOMMODATE NEW
PIPE. RIP-RAP ALL NEW DISTURBED
CHANNEL WITH LARGE ROCK (2' DIA. MIN.)
FL 30" RCP 5633.75±
- PROVIDE A 6' WIDE x 8' LONG x 4' DEEP
(INSIDE DIA. AFTER ROCK PLACEMENT)
STILLING BASIN TO SLOW OFF SITE STORM
RUNOFF. LINE STILLING BASIN WITH LARGE
RIP-RAP (2' - 3' DIA. MIN.)
- PROVIDE RIP-RAP FROM END OF "V" DITCH
TO OPEN DRAINAGE CHANNEL. 12" MIN.
RIP-RAP
- INSTALL ROADWAY CHECK DAMS
(SEE DETAIL ON THIS SHEET)
- SAW-CUT EXISTING ASPHALT PAVING 1'
FROM EDGE. PROVIDE SMOOTH TRANSITION
FROM EXISTING TO NEW ASPHALT PAVING.



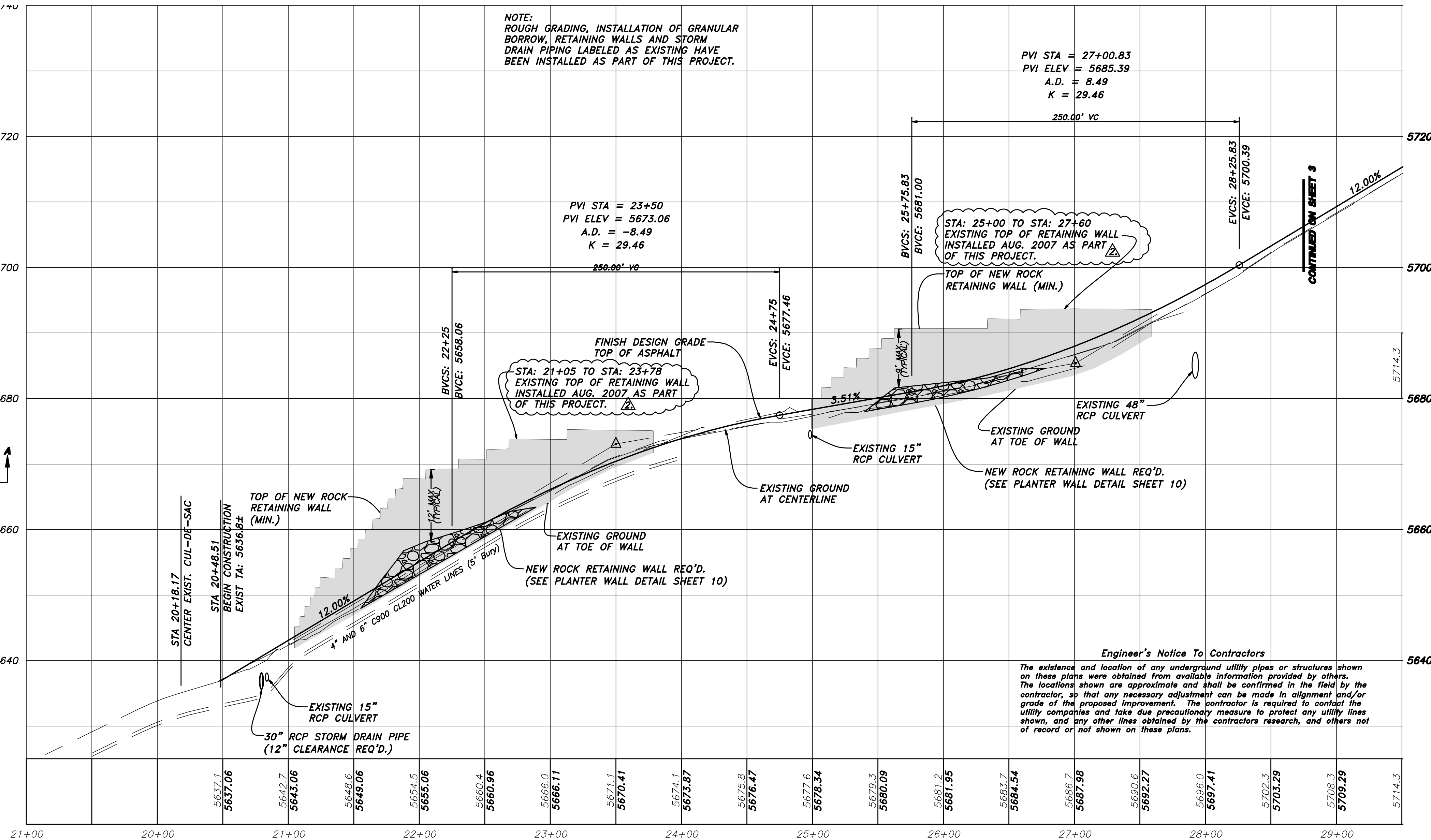
SCALE: 1" = 50' HORZ.
1" = 10' VERT.
0 50 100
Scale in Feet

LEGEND:

- PROPERTY BOUNDARY LINE
- LOT LINE
- CENTERLINE
- EASEMENT
- BUILDING SETBACK
- STORM DRAIN PIPE
- LAND DRAIN PIPE
- EXISTING 10' CONTOUR
- EXISTING 10' CONTOUR
- EXISTING 2' CONTOUR
- STREET MONUMENT
- INLET BOX
- PREFERRED BUILDABLE AREA
- PROPOSED ASPHALT PAVEMENT
- PROPOSED PRIVATE DRIVE



TYPICAL ROCK
CHECK DAM DETAIL
SCALE: NONE



NOTICE!

EXISTING UTILITIES ARE SHOWN
ON PLANS FOR THE CONVENI-
ENCE OF THE CONTRACTOR
ONLY. THE CONTRACTOR IS
RESPONSIBLE FOR THE PRO-
TECTION OF ALL UTILITIES.
THE ENGINEER BEARS NO RES-
PONSIBILITY FOR UTILITIES NOT
SHOWN OR SHOWN INCORRECTLY.

Call
DJs
BEFORE YOU
UNDERGROUND SERVICE
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Drawn By: MBJ Date: 9/29/2010
Designed By: MBJ
Checked By: MBJ
Approved By: MBJ
Scale: 1"=50' HORZ. 1"=10' VERT.
Drawing File: 07-129P.dwg
JOB NUMBER: 07-129

PLAN & PROFILE FOR
THE SANCTUARY
A PART OF SECTION 3 & 4, T6N, R2E, AND
A PART OF SECTION 34, T7N, R2E, SLB&M
WEBER COUNTY, UTAH

SHEET

2

OF

10

SHEETS

LOT 3

NOTE:
CENTERLINE OF ROADWAY
CONSTRUCTION TO FOLLOW THE
CENTERLINE OF THE RIGHT-OF-WAY.
(SEE THE FINAL PLAT FOR ALIGNMENT)

EXISTING GROUND
CONTOURS FROM
AERIAL PHOTOGRAPHY

EXIST. ROCK WALL

EXISTING GROUND
CONTOURS FROM
TOPOGRAPHY SURVEY

6" (PVC)

5840

5850

5860

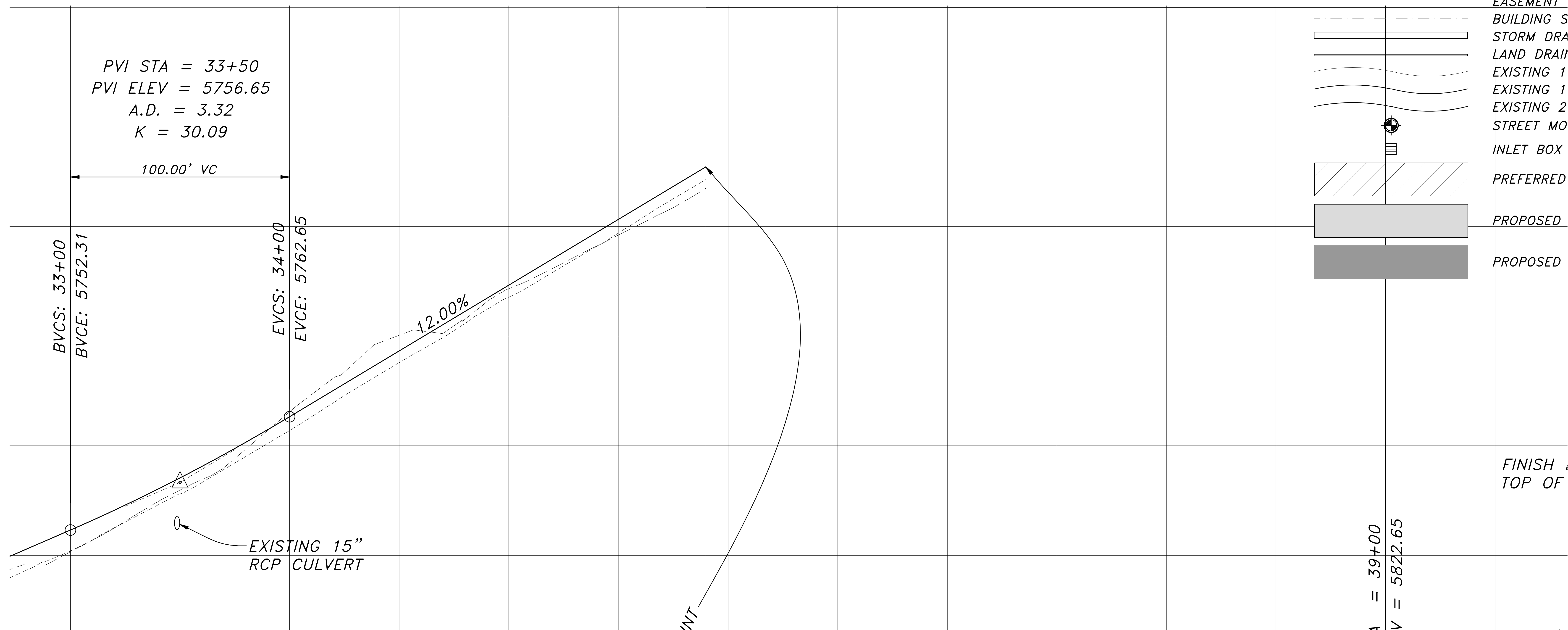
TOE SLOPE

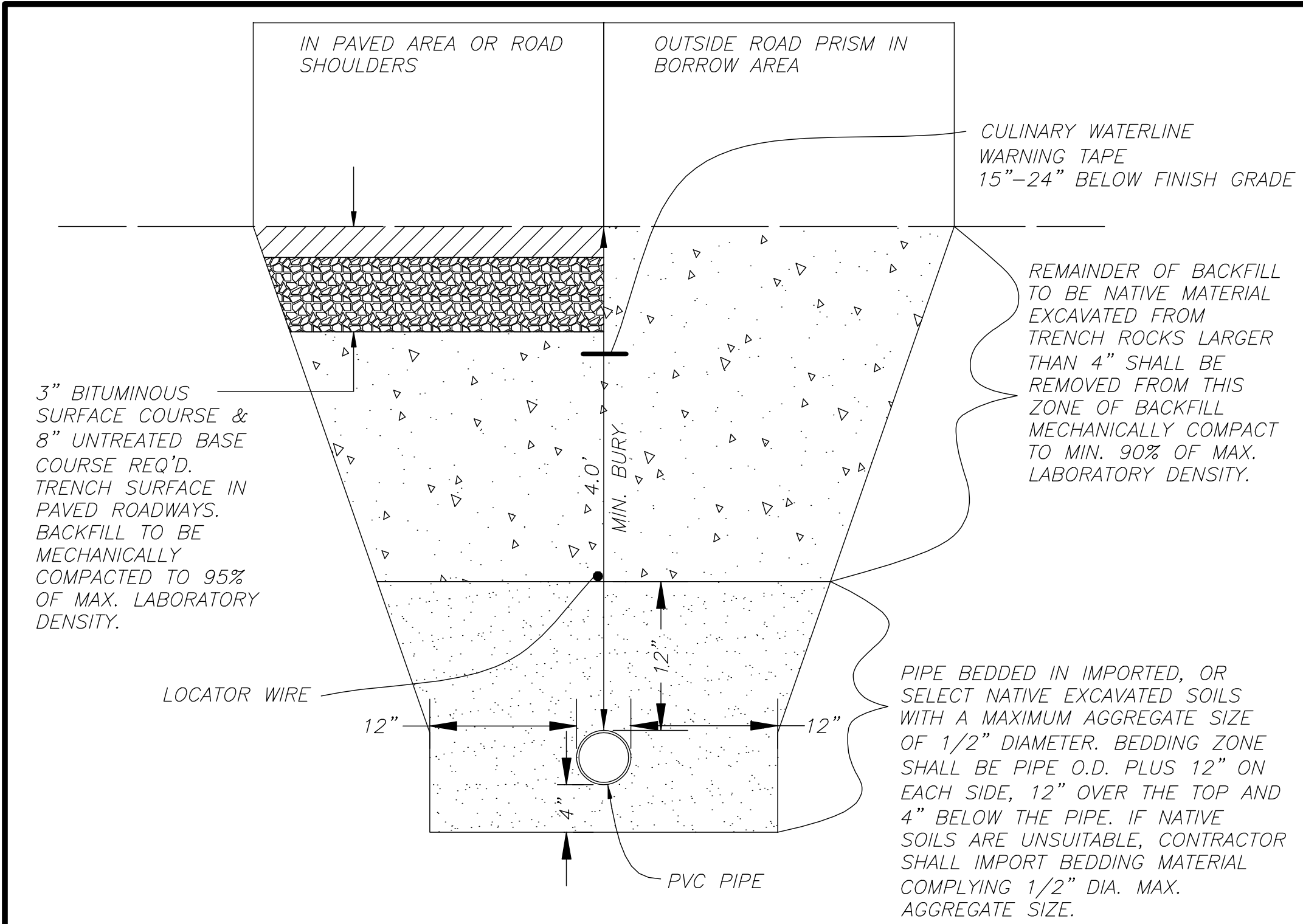
*NOTE:
ROUGH GRADING, INSTALLATION OF GRANULAR
BORROW, RETAINING WALLS AND STORM
DRAIN PIPING LABELED AS EXISTING HAVE
BEEN INSTALLED AS PART OF THIS PROJECT.*

L E G E N D:

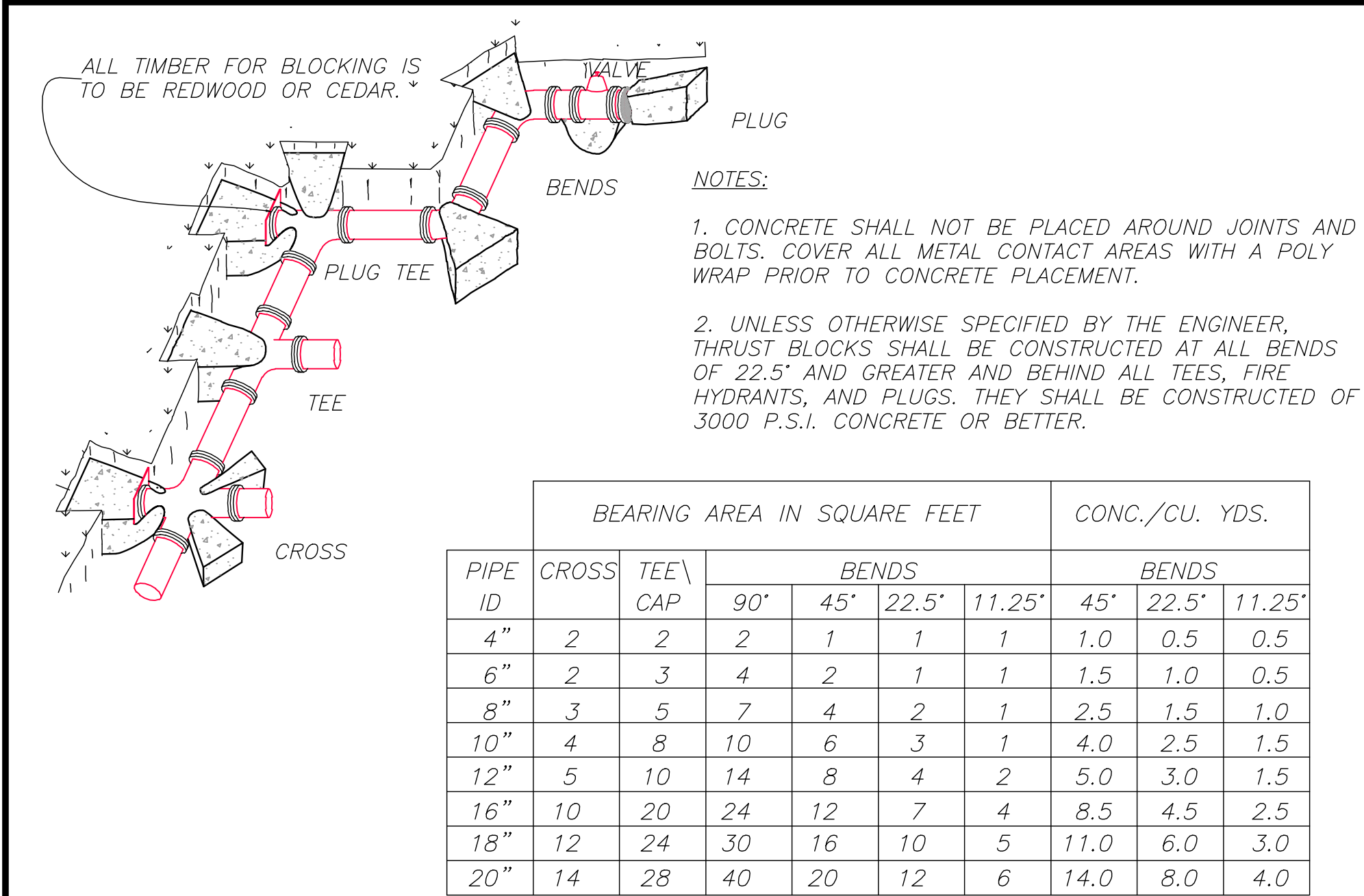
The diagram illustrates a cross-section of a stormwater management system. From top to bottom, the components are:

- PROPERTY LOT LINE**: Indicated by a solid horizontal line at the top.
- CENTERLINE**: Indicated by a dashed horizontal line.
- EASEMENT**: Indicated by a dash-dot horizontal line.
- BUILDING**: Represented by a solid horizontal rectangle.
- STORM DRAIN**: Represented by a solid horizontal line.
- LAND DRAIN**: Represented by a solid horizontal line.
- EXISTING 1**: Represented by a wavy horizontal line.
- EXISTING 1**: Represented by a wavy horizontal line.
- EXISTING 2**: Represented by a wavy horizontal line.
- STREET**: Indicated by a horizontal line with a circular manhole symbol.
- MO**: Indicated by a horizontal line.
- INLET BOX**: Represented by a hatched rectangular area.
- PREFERRED**: Indicated by a hatched rectangular area.
- PROPOSED**: Indicated by a solid gray rectangular area.
- PROPOSED**: Indicated by a solid dark gray rectangular area at the bottom.

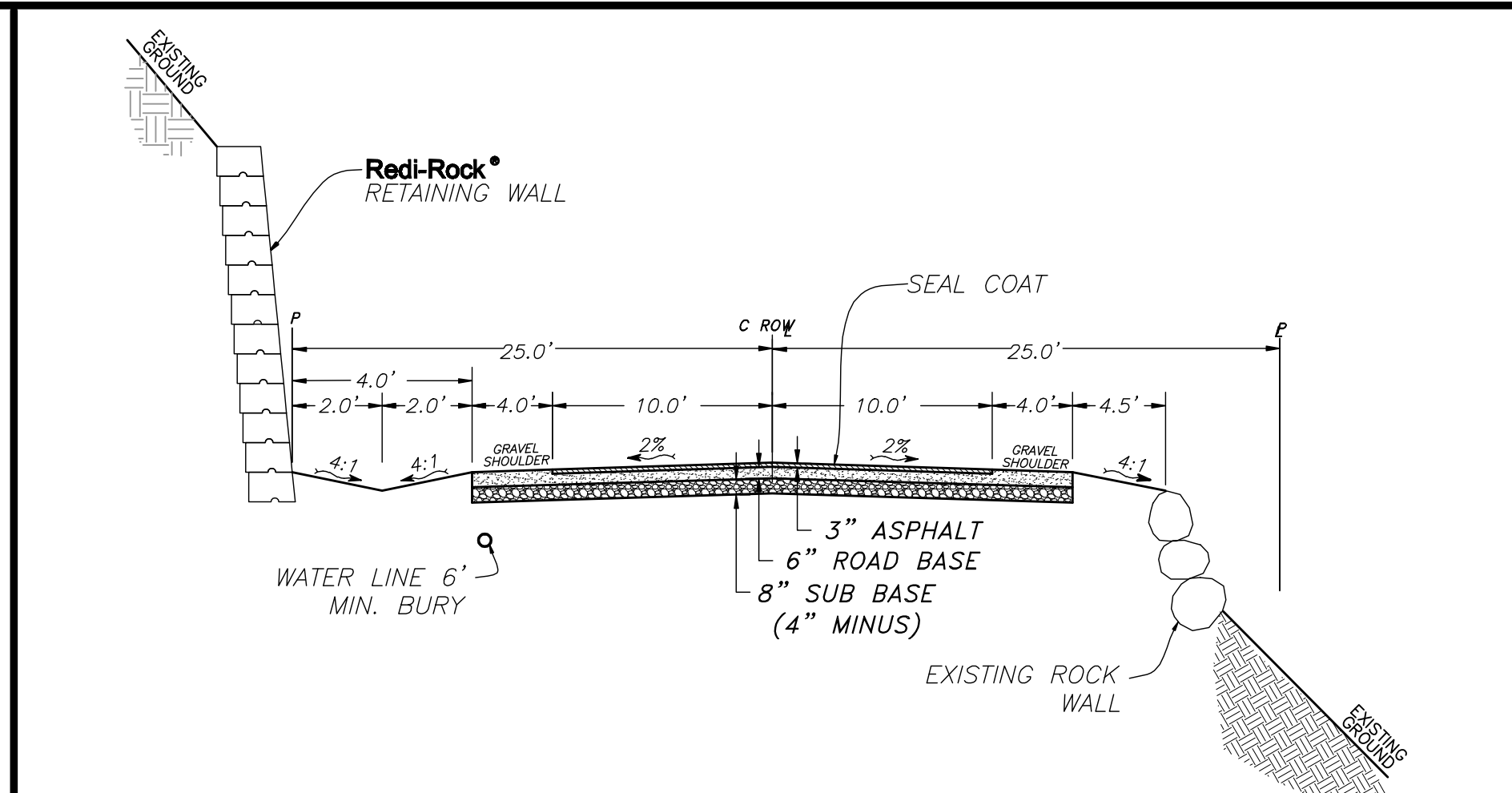
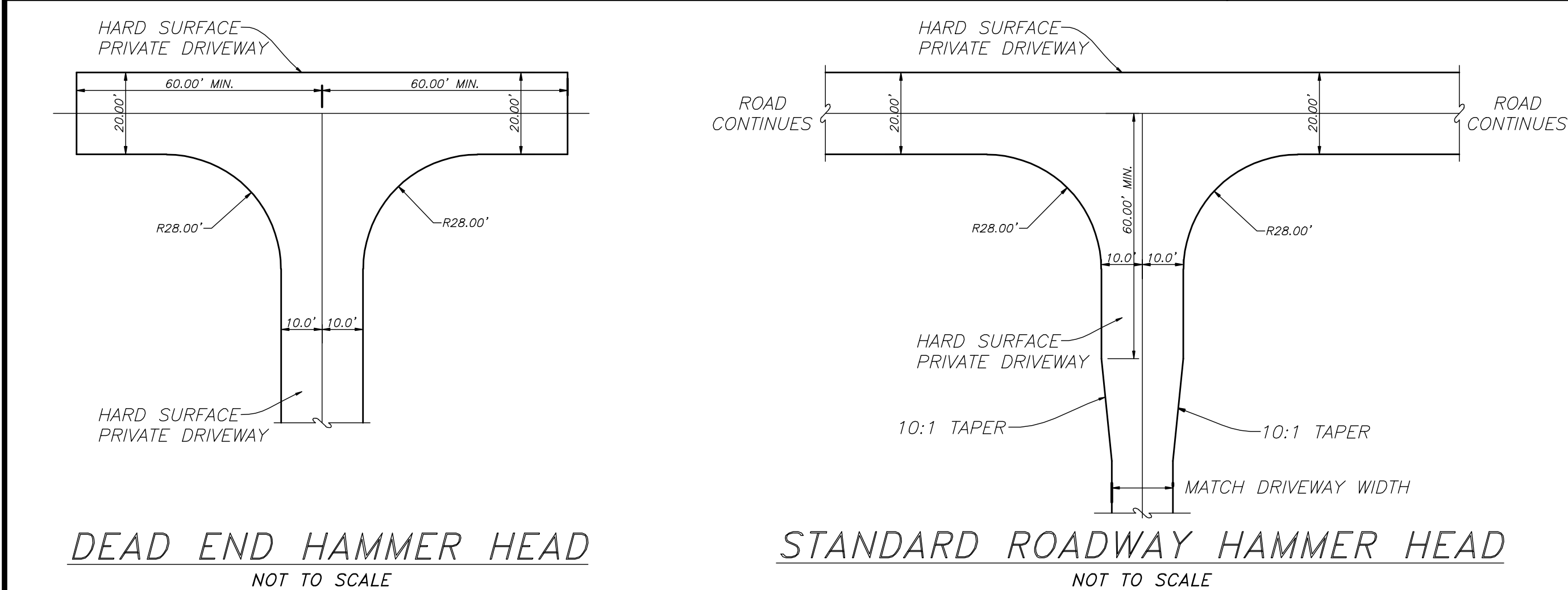




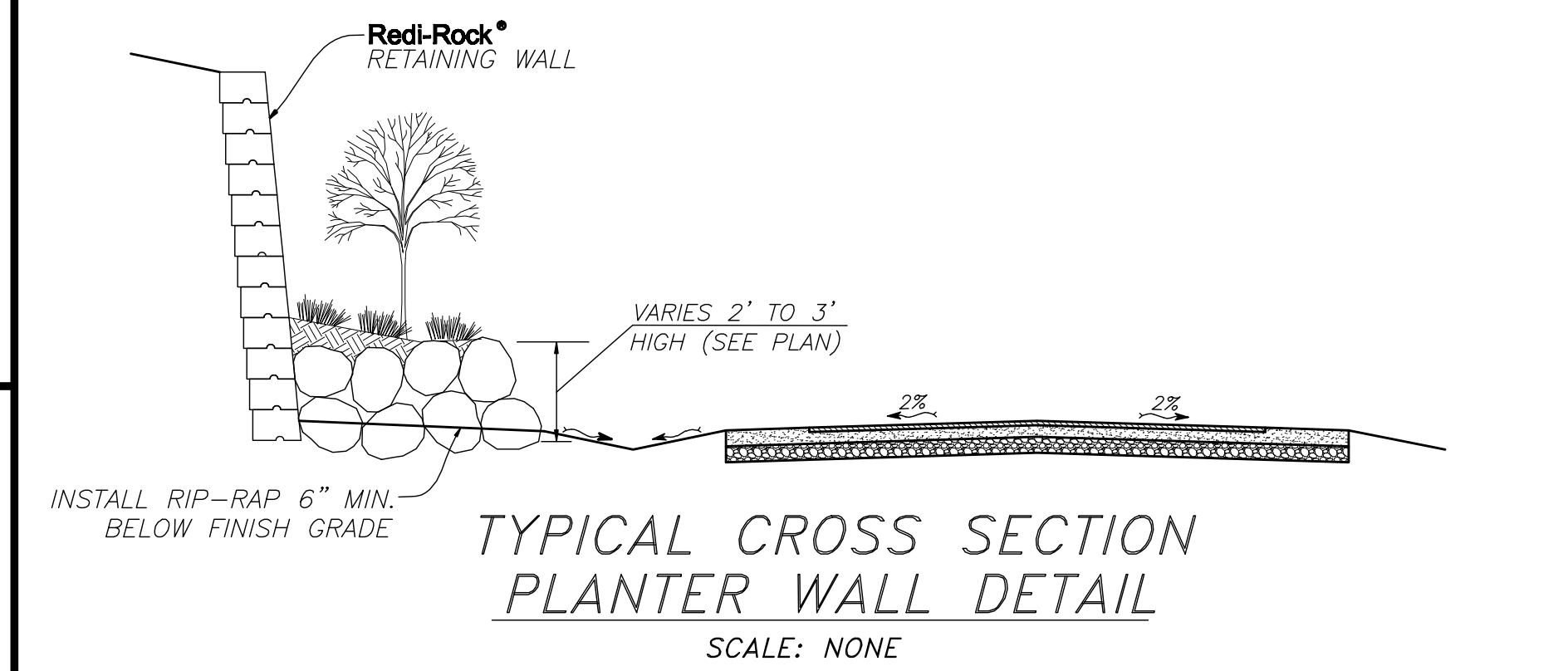
TYPICAL TRENCH SECTION
SCALE: NONE



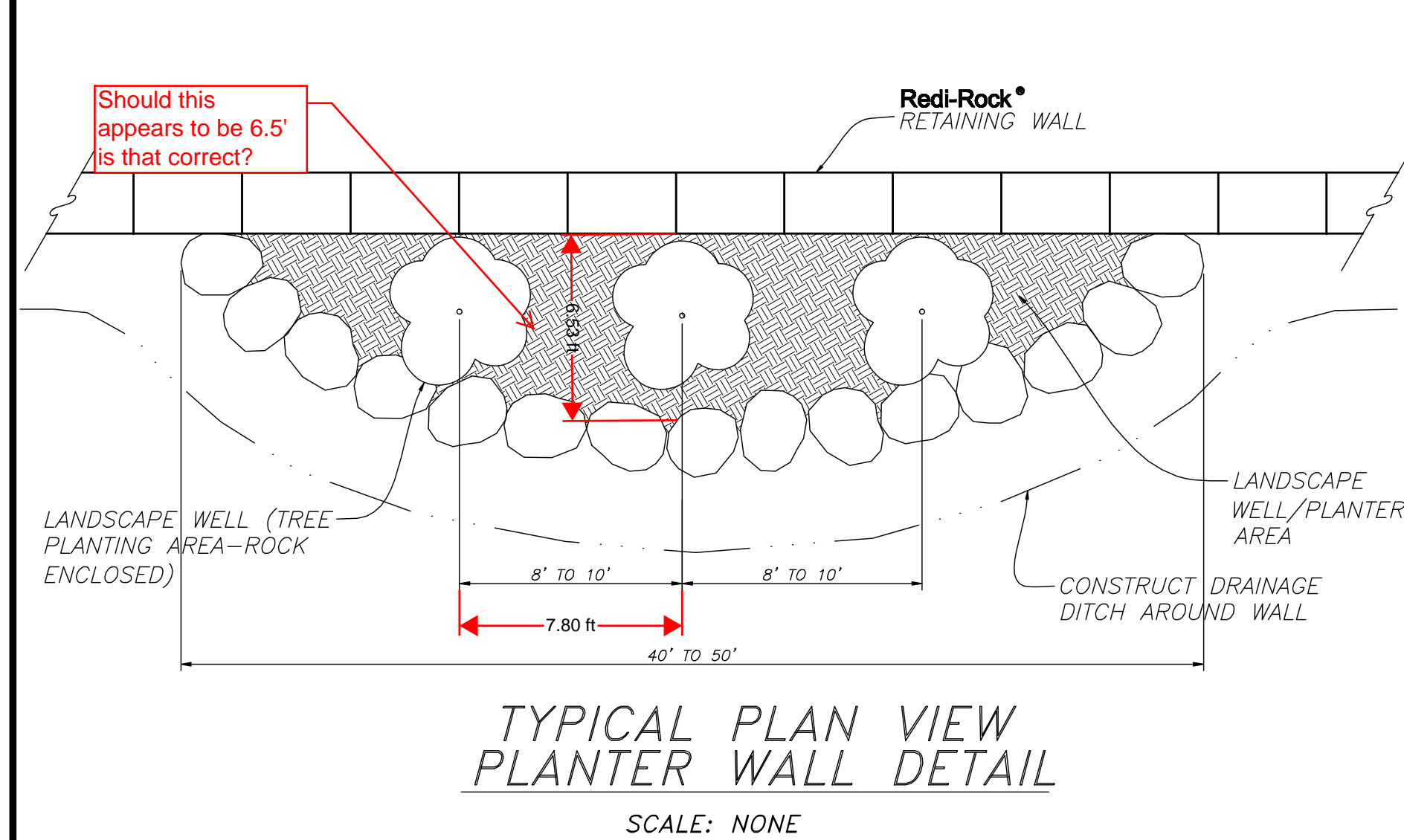
THRUST BLOCKING DETAIL
SCALE: NONE



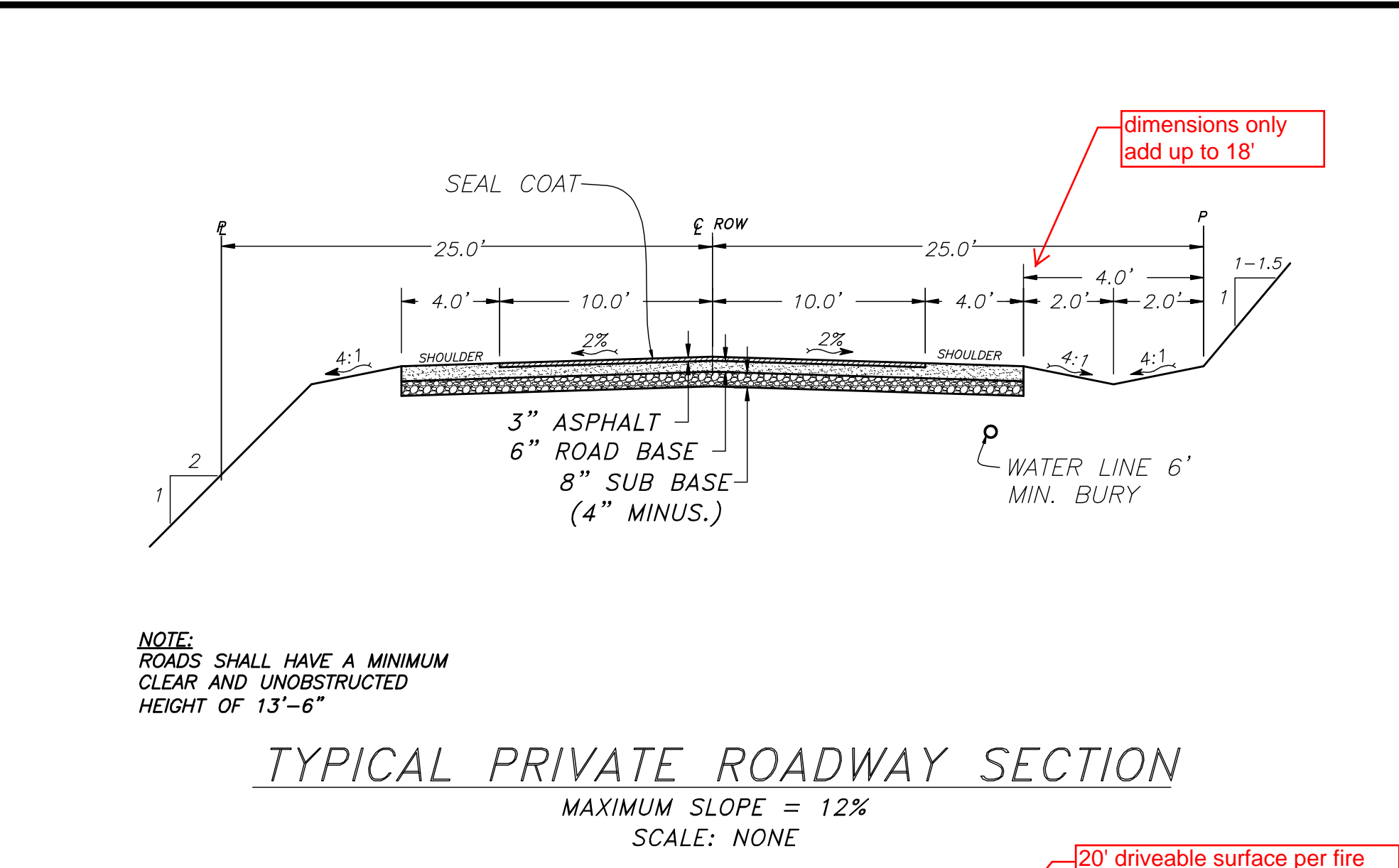
TYPICAL STREET SECTION DETAIL
W/Redi-Rock WALL DETAIL
SCALE: NONE Not for Construction



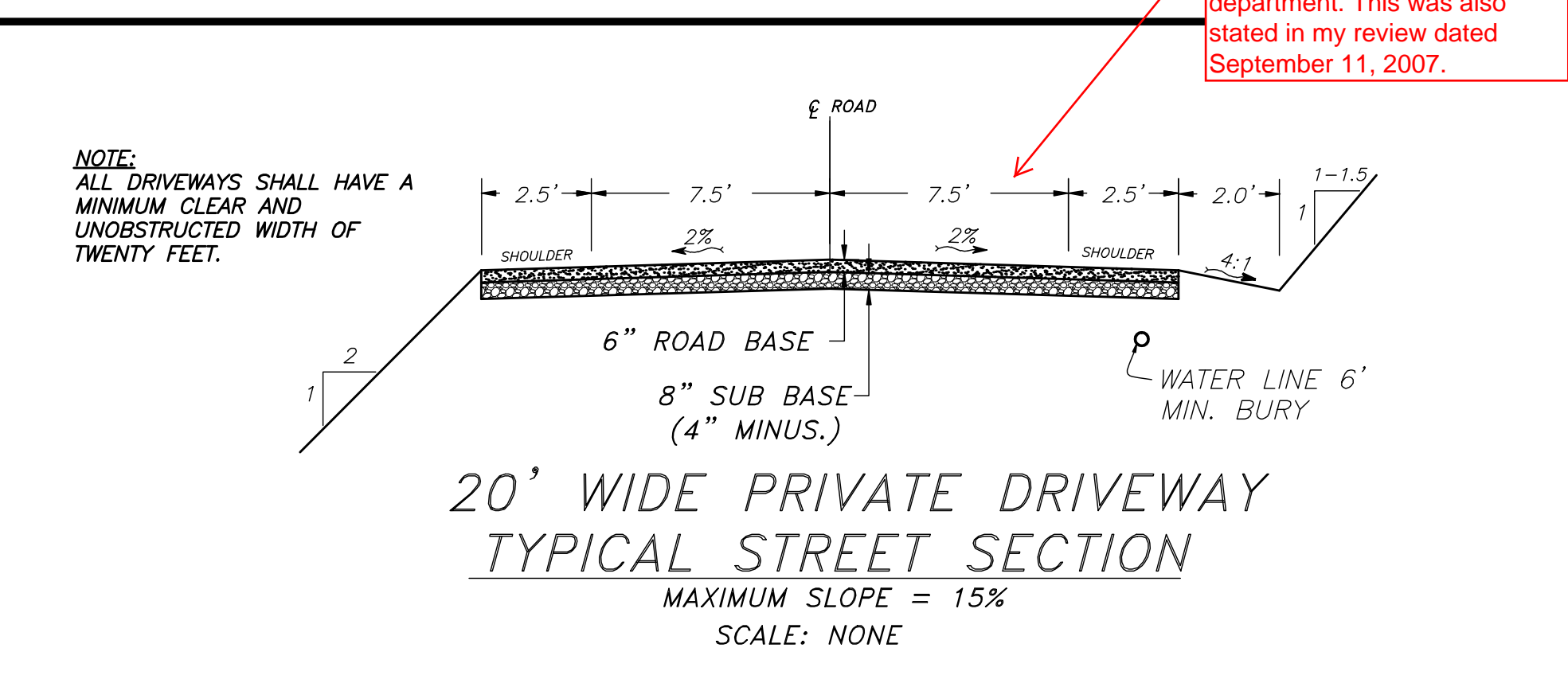
TYPICAL CROSS SECTION
PLANTER WALL DETAIL
SCALE: NONE



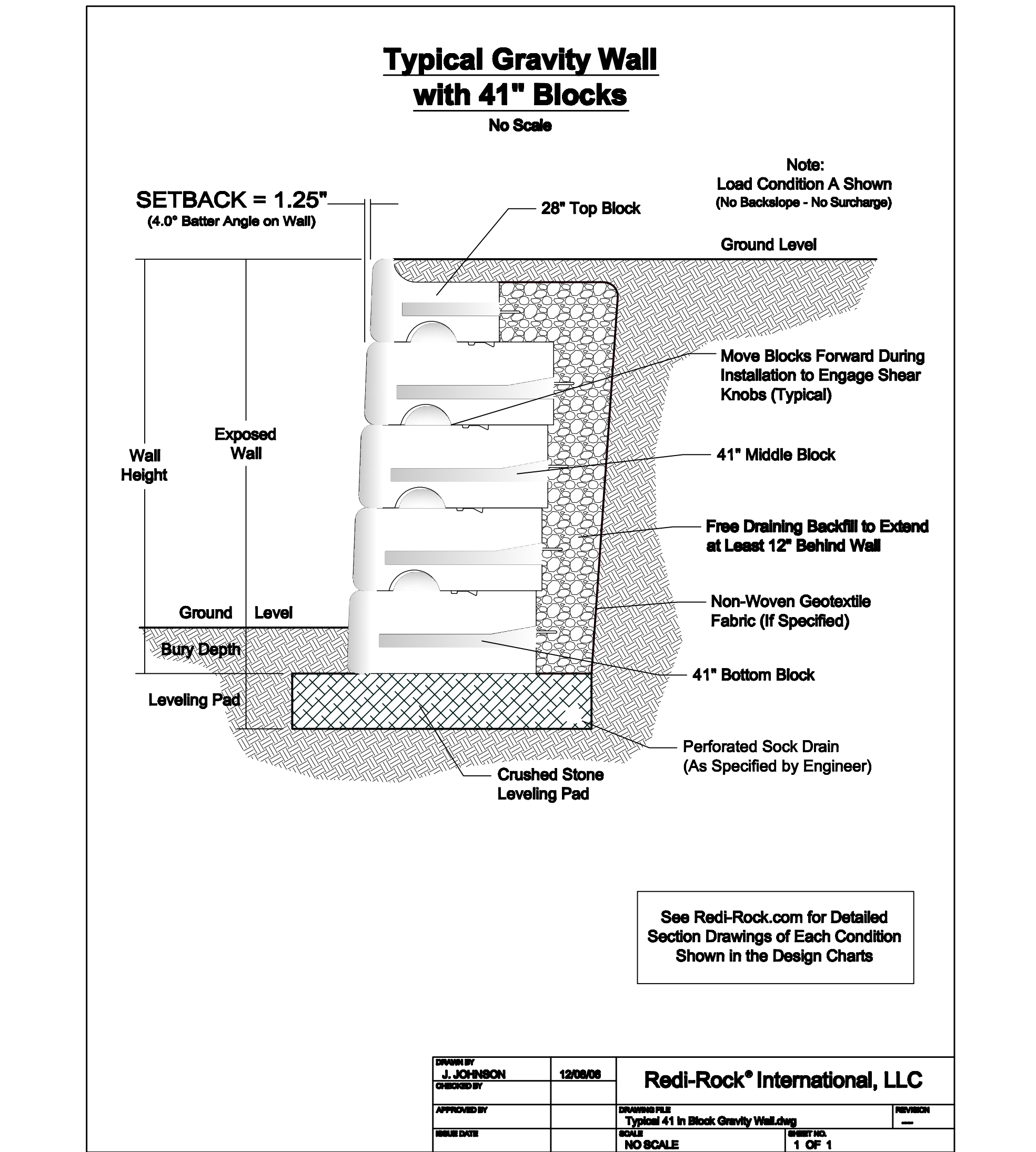
TYPICAL PLAN VIEW
PLANTER WALL DETAIL
SCALE: NONE



TYPICAL PRIVATE ROADWAY SECTION
MAXIMUM SLOPE = 12%
SCALE: NONE



20' WIDE PRIVATE DRIVEWAY
TYPICAL STREET SECTION
MAXIMUM SLOPE = 15%
SCALE: NONE



Typical Gravity Wall
with 41" Blocks
No Scale

SETBACK = 1.25"
(4.0° Batter Angle on Wall)

28" Top Block

41" Middle Block

41" Bottom Block

Crushed Stone Leveling Pad

Perforated Sock Drain
(As Specified by Engineer)

Non-Woven Geotextile
Fabric (If Specified)

Free Draining Backfill to Extend
at Least 12" Behind Wall

Move Blocks Forward During
Installation to Engage Shear
Knobs (Typical)

Ground Level

Exposed Wall

Wall Height

Ground Level

Bury Depth

Leveling Pad

Note:
Load Condition A Shown
(No Backslope - No Surcharge)

See Redi-Rock.com for Detailed
Section Drawings of Each Condition
Shown in the Design Charts

DESIGNED BY	J. JOHNSON	12/08/08	Redi-Rock® International, LLC
CHECKED BY			
APPROVED BY			
DRAWING FILE	Typical 41 in Block Gravity Wall.dwg		
SCALE	NO SCALE		
REVISION			

PROFESSIONAL ENGINEER
No. 27038
MATTHEW R. MYER
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