Docusign Envelope ID: 7AE21BBB-C4F6-8EB5-83EB-6BCBC703916F

6/2/99

	FINAL PAVEMENT SCHEDULE
A1	12" CONCRETE TRUCK APRON, CLASS AA CONCRETE
A2	8" JOINTED CONCRETE DRIVEWAY
C1	PROP. 1.5" ACSC, TYPE S9.5C
C2	PROP. 3" ACSC, TYPE S9.5C
C3	PROP. VAR DEPTH ACSC, TYPE S9.5C
D1	PROP. 2.5" ACIC, TYPE I19.0C
D2	PROP. 4" ACIC, TYPE I19.0C
D3	PROP. VAR. DEPTH ACIC, TYPE I19.0C
E1	PROP. 4" ACBC, TYPE B25.0C
E2	PROP. 4.5" ACBC, TYPE B25.0C
E3	PROP. VAR. DEPTH ACBC, TYPE B25.0C
J1	PROP. 6" AGGREGATE BASE COURSE.
J2	PROP. 8" AGGREGATE BASE COURSE.
J3	PROP. 7" AGGREGATE BASE COURSE
K1	TYPE 1 (12") CLASS IV SUBGRADE STABILIZATION.
K2	TYPE 2 (8") CLASS IV SUBGRADE STABILIZATION.
N1	GEOTEXTILE FOR SUBGRADE STABILIZATION.
R1	2'-6" CONCRETE CURB AND GUTTER.
R2	1'-6" CONCRETE CURB AND GUTTER.
R3	2'-9" CONCRETE CURB AND GUTTER.
R4	EXPRESSWAY GUTTER.
R5	9" X 18" CONCRETE CURB.
R6	5" MONOLITHIC CONCRETE ISLAND (KEYED IN)
R7	2'-0" CONCRETE CURB AND GUTTER
R8	8" X 18" CONCRETE CURB.
S	4" CONCRETE SIDEWALK.
T	EARTH MATERIAL.
U	EXISTING PAVEMENT.
V	MILLING ASPHALT PAVEMENT, 3" DEPTH
W1	VARIABLE DEPTH ASPHALT PAVEMENT. (SEE DETAIL SHOWING METHOD OF WEDGING No. 1 ON SHEET 2A-1)
W2	VARIABLE DEPTH ASPHALT PAVEMENT. (SEE DETAIL SHOWING METHOD OF WEDGING No. 2 ON SHEET 2A-1)

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE.

HNTB

HNTB NORTH CAROLINA, P.C.
4000 Center at North Hills St
Suite 500
Raleigh, North Carolina 27609
NC License No: C-1554

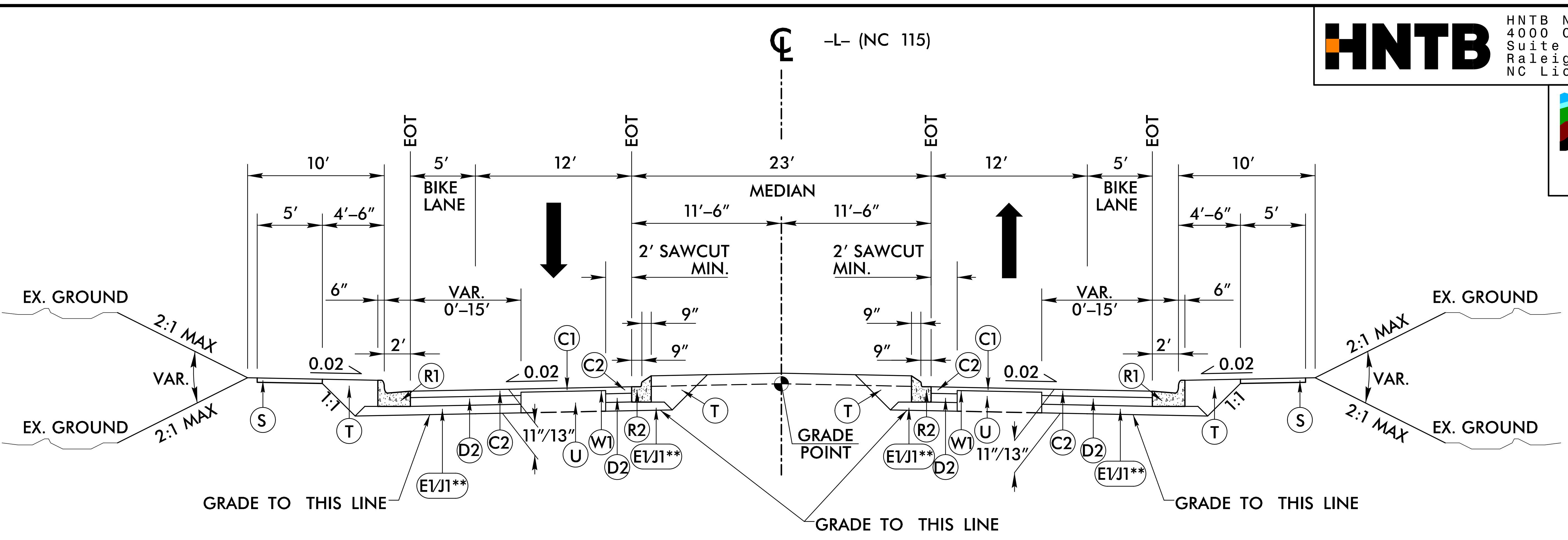
Terracon

2401 BRENTWOOD ROAD, SUITE 107
RALEIGH, NORTH CAROLINA 27604
NC REGISTERED ENGINEERING FIRM: F-0869
NC REGISTERED GEOLOGIC FIRM: C-367

PROJECT REFERENCE NO.	SHEET NO.
R-5759	2A-5

ROADWAY DESIGN ENGINEER	PAVEMENT DESIGN ENGINEER
SEAL 36786 DOUGLAS M. WHEATLEY DocuSigned by: Douglas M. Wheatley AB7893E9DB424DA... 10/12/2026	SEAL 014155 ABNER F. RIGGS, JR. Signed by: Abner F. Riggs, Jr. C2F6ACA84D274B1... 10/12/2026

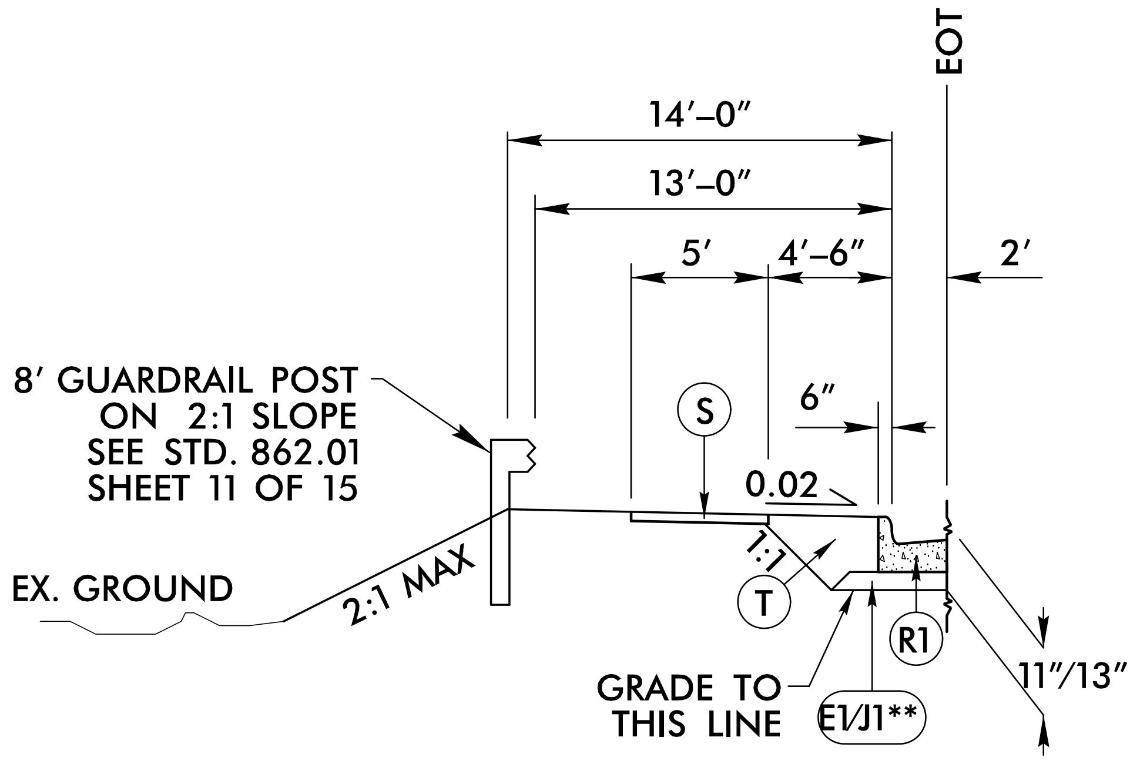
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



℄ -L- (NC 115)
EOT
EOT
EOT
EOT
10'
5'
BIKE LANE
12'
23'
MEDIAN
12'
5'
BIKE LANE
10'
5'
4'-6"
11'-6"
11'-6"
4'-6"
5'
2' SAWCUT MIN.
2' SAWCUT MIN.
6"
VAR. 0'-15'
VAR. 0'-15'
6"
9"
9"
9"
9"
2'
2'
0.02
0.02
0.02
0.02
EX. GROUND
2:1 MAX
VAR.
2:1 MAX
EX. GROUND
EX. GROUND
2:1 MAX
VAR.
2:1 MAX
EX. GROUND
1:1
1:1
S
T
R1
C1
C2
D2
C2
11"/13"
U
W1
R2
D2
E1/J1**
E1/J1**
T
GRADE POINT
T
R2
E1/J1**
D2
W1
U
11"/13"
C1
C2
C2
D2
R1
E1/J1**
T
S
GRADE TO THIS LINE
GRADE TO THIS LINE
GRADE TO THIS LINE

TYPICAL SECTION NO. 5

-L- STA. 46+40.00 TO STA. 102+60.00
-L- STA. 105+60.00 TO STA. 149+38.10

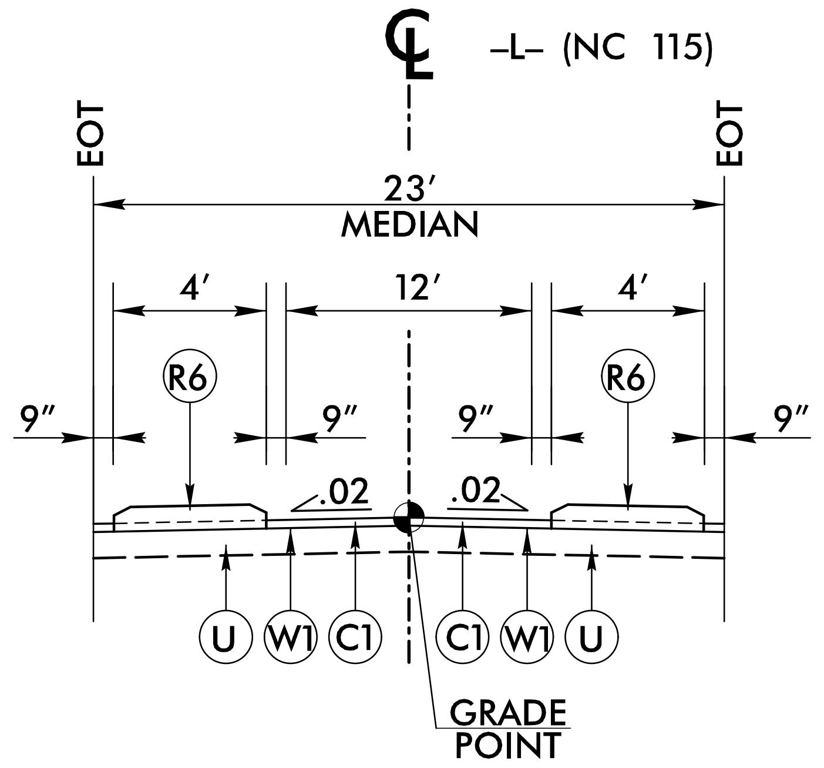


EOT
14'-0"
13'-0"
5'
4'-6"
2'
8' GUARDRAIL POST ON 2:1 SLOPE SEE STD. 862.01 SHEET 11 OF 15
S
6"
0.02
EX. GROUND
2:1 MAX
1:1
T
R1
GRADE TO THIS LINE
E1/J1**
11"/13"

DETAIL 5H

USE DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

-L- STA. 108+28.73 TO STA. 109+45.00 LT
-L- STA. 114+98.75 TO STA. 117+92.00 LT

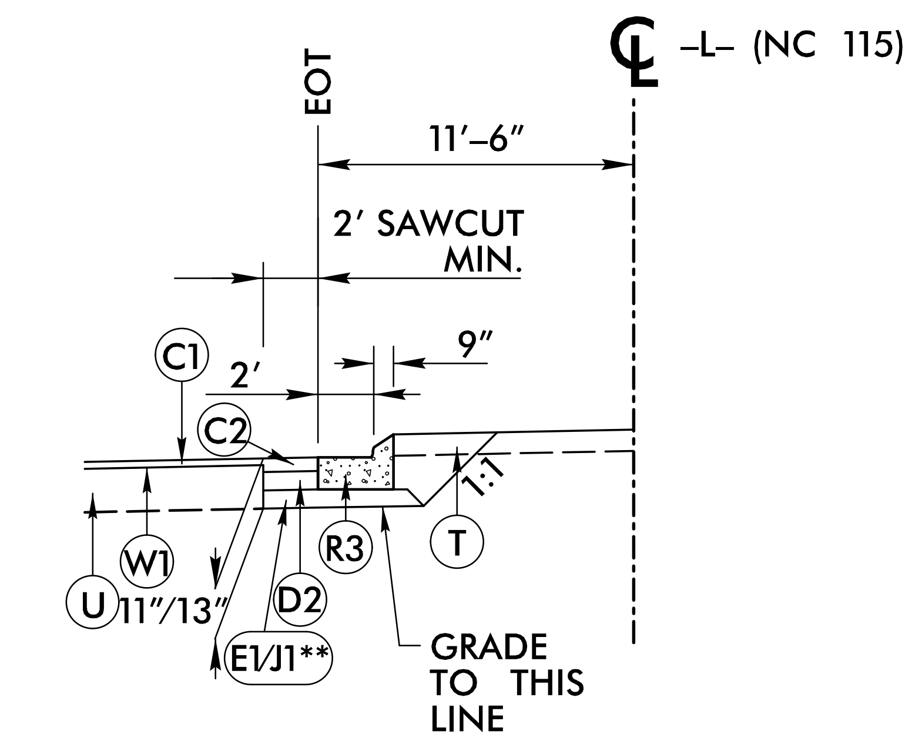


℄ -L- (NC 115)
EOT
EOT
23'
MEDIAN
4'
12'
4'
9"
R6
9"
9"
R6
9"
.02
.02
U
W1
C1
C1
W1
U
GRADE POINT

DETAIL 5A

USE DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

-L- STA. 53+50.71 TO STA. 58+92.71
-L- STA. 63+52.22 TO STA. 69+03.85
-L- STA. 74+83.04 TO STA. 87+99.97
-L- STA. 116+31.03 TO STA. 127+29.60
-L- STA. 144+88.59 TO STA. 149+38.10

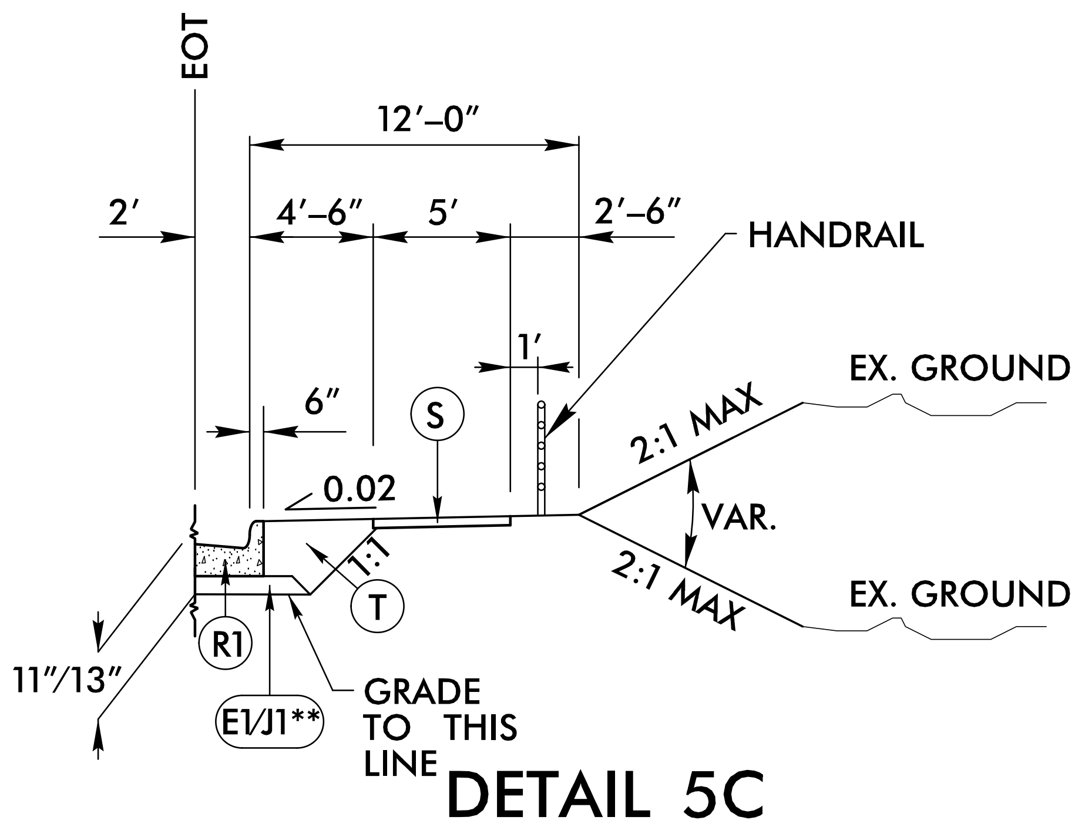


℄ -L- (NC 115)
EOT
11'-6"
2' SAWCUT MIN.
C1
2'
9"
C2
1:1
W1
R3
T
U
11"/13"
D2
E1/J1**
GRADE TO THIS LINE

DETAIL 5B

USE DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

-L- STA. 46+40.00 RT TO STA. 53+29.21 RT
-L- STA. 58+92.75 RT TO STA. 63+52.22 RT
-L- STA. 69+03.85 LT TO STA. 74+83.04 LT/RT
-L- STA. 87+99.97 RT TO STA. 90+18.96 LT/RT
-L- STA. 91+36.13 RT TO STA. 102+60.00 RT
-L- STA. 105+60.00 LT TO STA. 115+31.03 LT
-L- STA. 127+29.60 LT TO STA. 137+96.08 LT
-L- STA. 134+03.77 RT TO STA. 144+89.26 RT

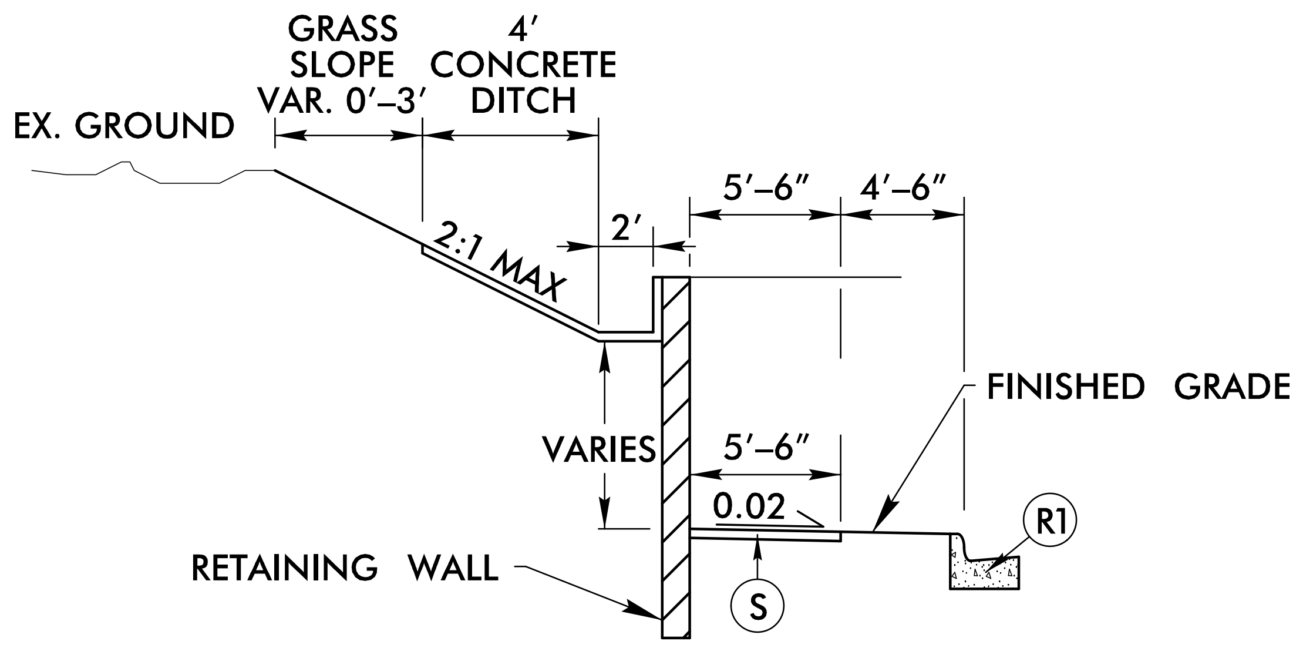


EOT
12'-0"
2'
4'-6"
5'
2'-6"
HANDRAIL
1'
6"
S
EX. GROUND
2:1 MAX
VAR.
2:1 MAX
EX. GROUND
0.02
1:1
T
R1
11"/13"
E1/J1**
GRADE TO THIS LINE

DETAIL 5C

USE DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

-L- STA. 63+50.00 TO STA. 65+77.53 RT
-L- STA. 80+41.92 TO STA. 82+99.82 LT
-L- STA. 82+45.84 TO STA. 87+85.00 RT
-L- STA. 92+45.43 TO STA. 95+05.27 RT
-L- STA. 119+41.68 TO STA. 121+80.73 LT
-L- STA. 124+79.12 TO STA. 124+90.69 LT
-L- STA. 125+12.69 TO STA. 127+00.00 LT
-L- STA. 129+78.75 TO STA. 135+45.50 LT
-L- STA. 133+80.76 TO STA. 137+26.25 RT
-L- STA. 140+24.05 TO STA. 146+98.62 RT

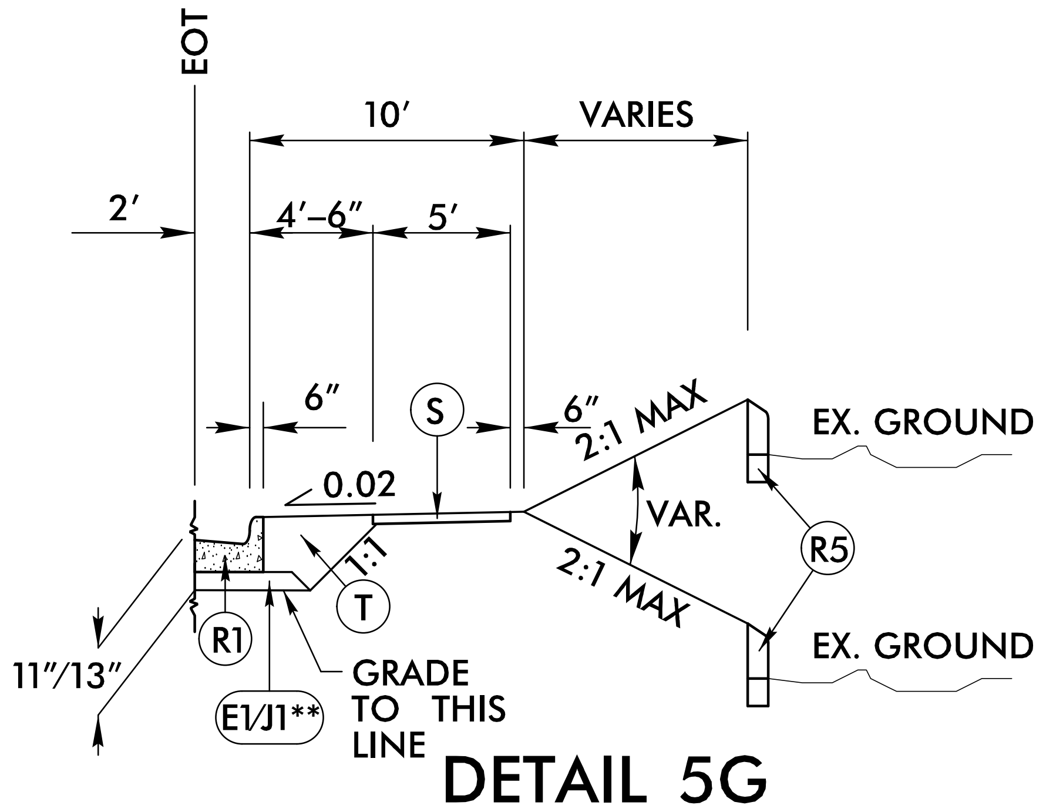


GRASS SLOPE VAR. 0'-3'
4' CONCRETE DITCH
EX. GROUND
2:1 MAX
2'
5'-6"
4'-6"
FINISHED GRADE
VARIES
5'-6"
0.02
R1
RETAINING WALL
S

DETAIL 5D

USE DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

-L- STA. 68+25.00 TO STA. 69+60.77 LT (WALL 2)

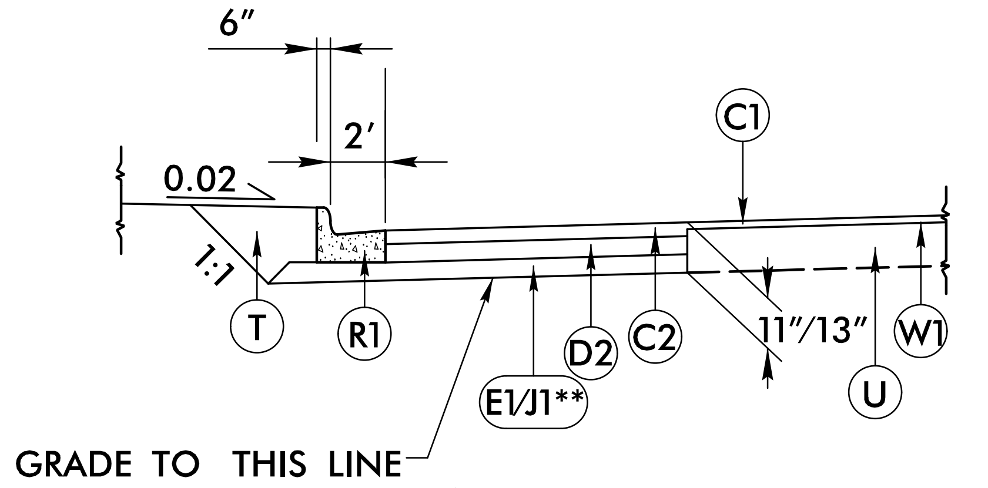


EOT
10'
VARIES
2'
4'-6"
5'
6"
S
6"
2:1 MAX
EX. GROUND
0.02
VAR.
R5
1:1
T
2:1 MAX
EX. GROUND
11"/13"
R1
E1/J1**
GRADE TO THIS LINE

DETAIL 5G

USE DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

SEE PLANS FOR LOCATIONS

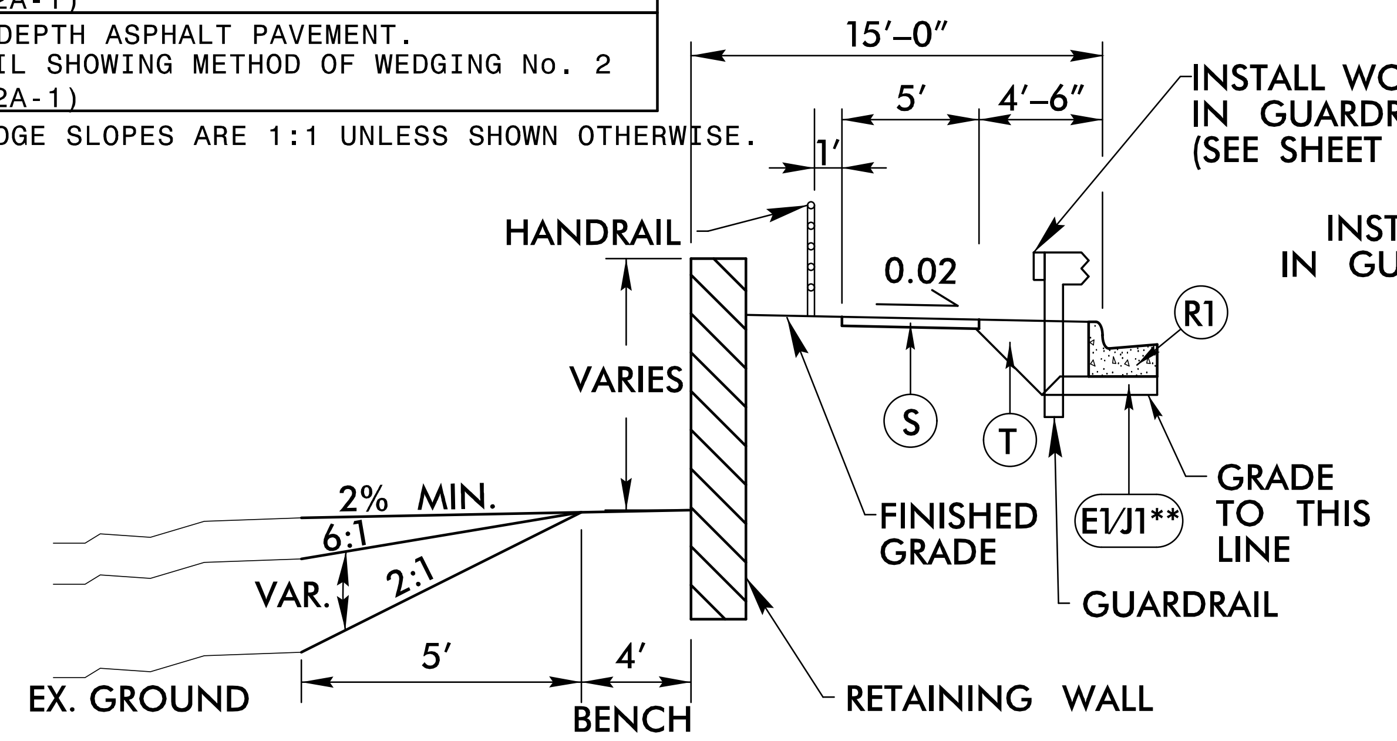


6"
2'
C1
0.02
1:1
T
R1
D2
C2
11"/13"
W1
E1/J1**
U
GRADE TO THIS LINE
VARIES

**NARROW WIDENING DETAIL

FOR TYPICAL SECTION NO. 5, USE E1 (4" ACBC, TYPE 25.0C) IN AREAS OF NARROW WIDENING LESS THAN 12' IN WIDTH. OTHERWISE, USE J1 (6" ABC) AT THE FOLLOWING LOCATIONS:

-L- STA. 46+64.00 TO STA. 101+01.75 LT
-L- STA. 63+52.25 TO STA. 95+76.00 RT
-L- STA. 105+60.00 TO STA. 138+75.25 RT
-L- STA. 132+64.75 TO STA. 150+34.25 LT

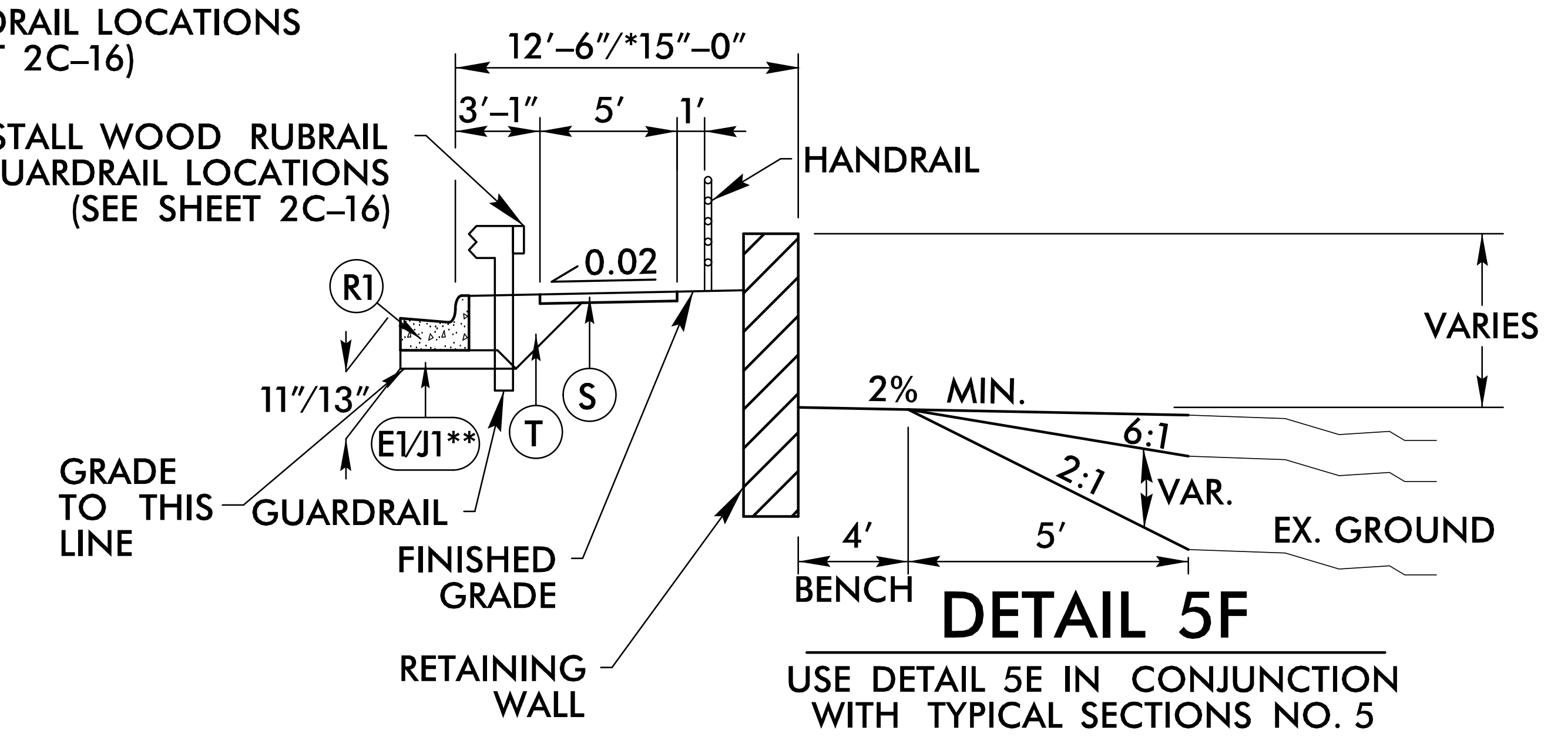


15'-0"
5'
4'-6"
1'
INSTALL WOOD RUBRAIL IN GUARDRAIL LOCATIONS (SEE SHEET 2C-16)
HANDRAIL
0.02
R1
VARIES
S
T
GRADE TO THIS LINE
FINISHED GRADE
E1/J1**
GUARDRAIL
2% MIN.
6:1
VAR.
2:1
5'
4'
EX. GROUND
BENCH
RETAINING WALL

DETAIL 5E

USE DETAIL IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

*-L- STA. 132+20.00 TO STA. 135+45.00 LT (WALL 4)



12'-6"/*15"-0"
3'-1"
5'
1'
INSTALL WOOD RUBRAIL IN GUARDRAIL LOCATIONS (SEE SHEET 2C-16)
HANDRAIL
R1
0.02
11"/13"
E1/J1**
T
S
GRADE TO THIS LINE
GUARDRAIL
FINISHED GRADE
RETAINING WALL
VARIES
2% MIN.
6:1
2:1
VAR.
EX. GROUND
4'
5'
BENCH

DETAIL 5F

USE DETAIL 5E IN CONJUNCTION WITH TYPICAL SECTIONS NO. 5

-L- STA. 86+65.00 TO STA. 87+85.00 RT (WALL 3)
*-L- STA. 136+42.07 TO STA. 137+36.25 RT (WALL 6)

NOTES:

- SEE PLANS FOR TURN LANES, MONOLITHIC ISLANDS, CURB AND GUTTER, SIDEWALK AND LANE TAPER LOCATIONS.