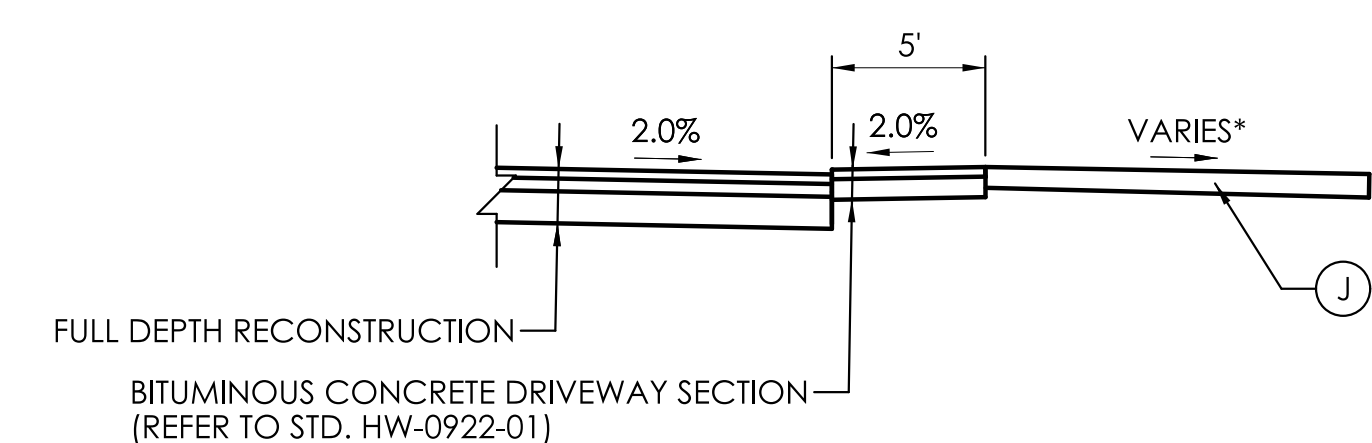
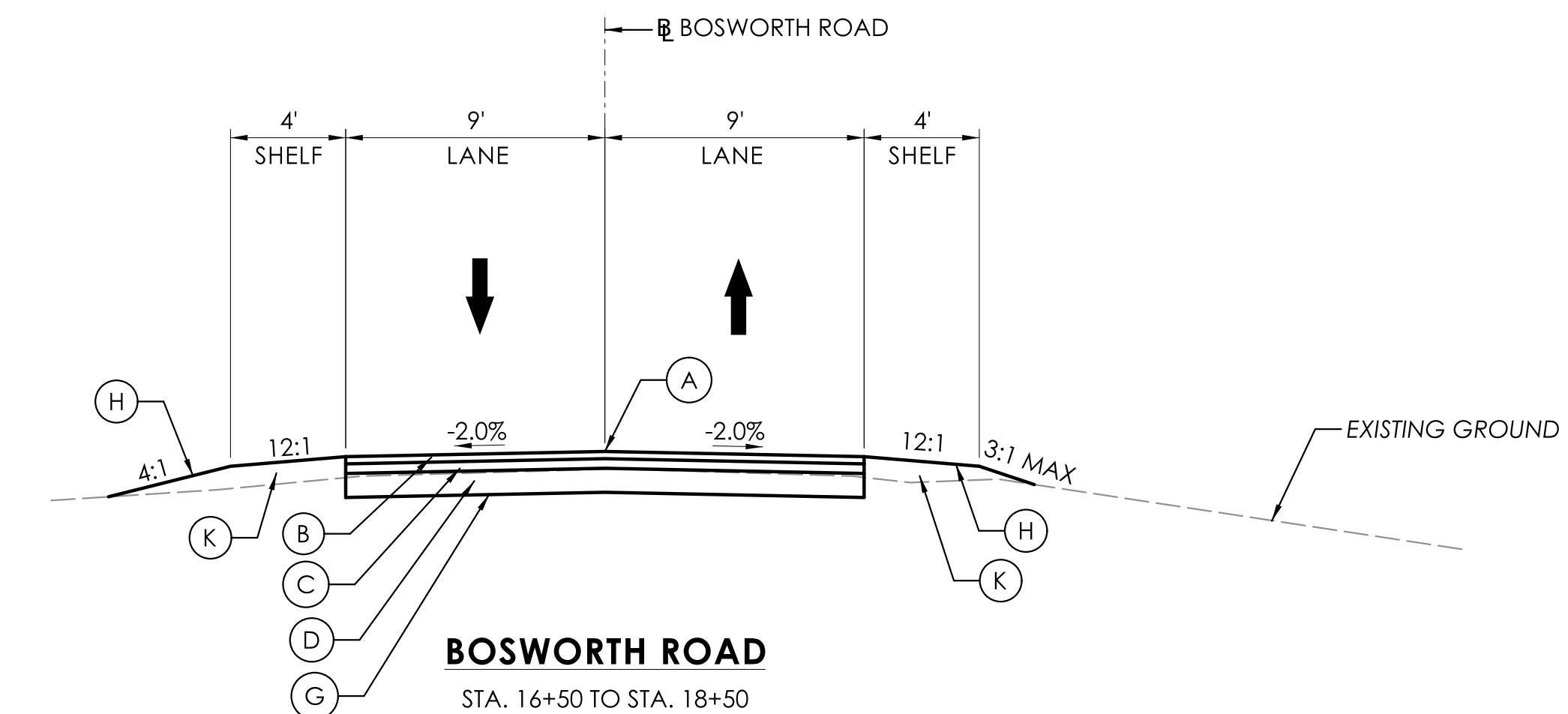
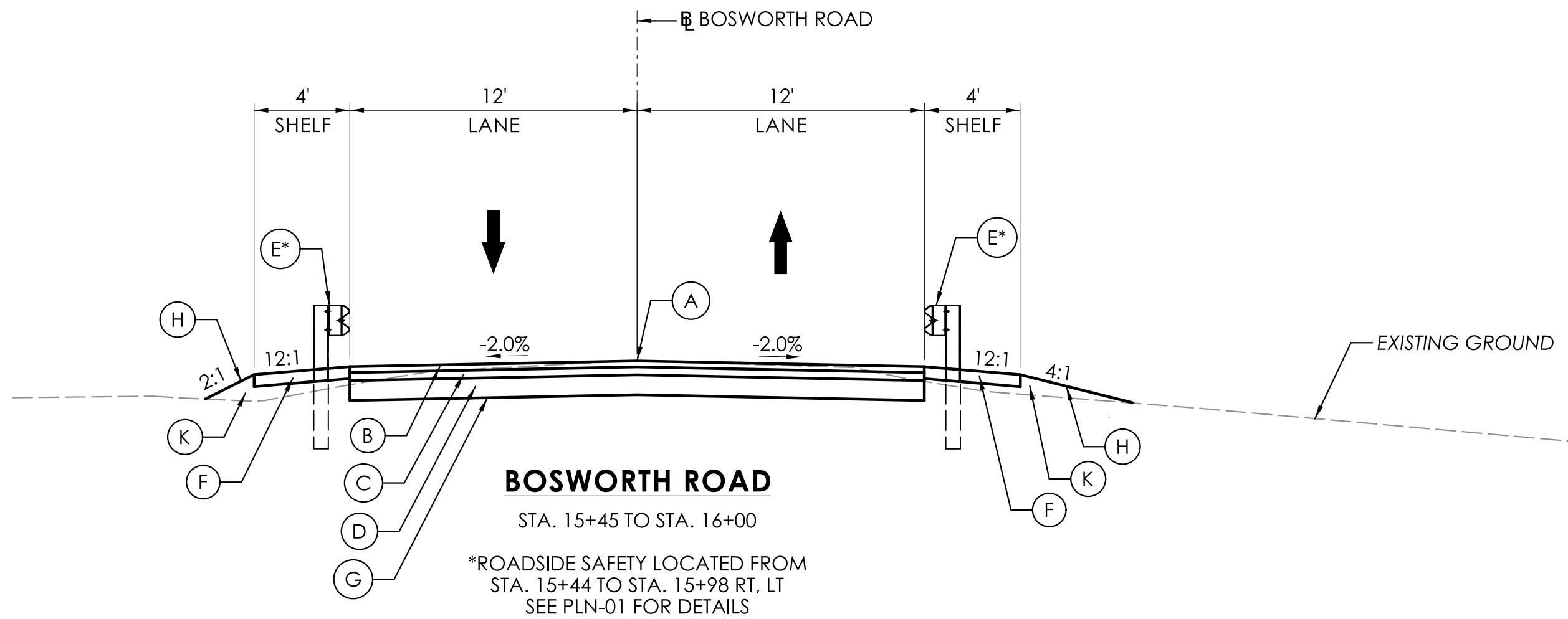
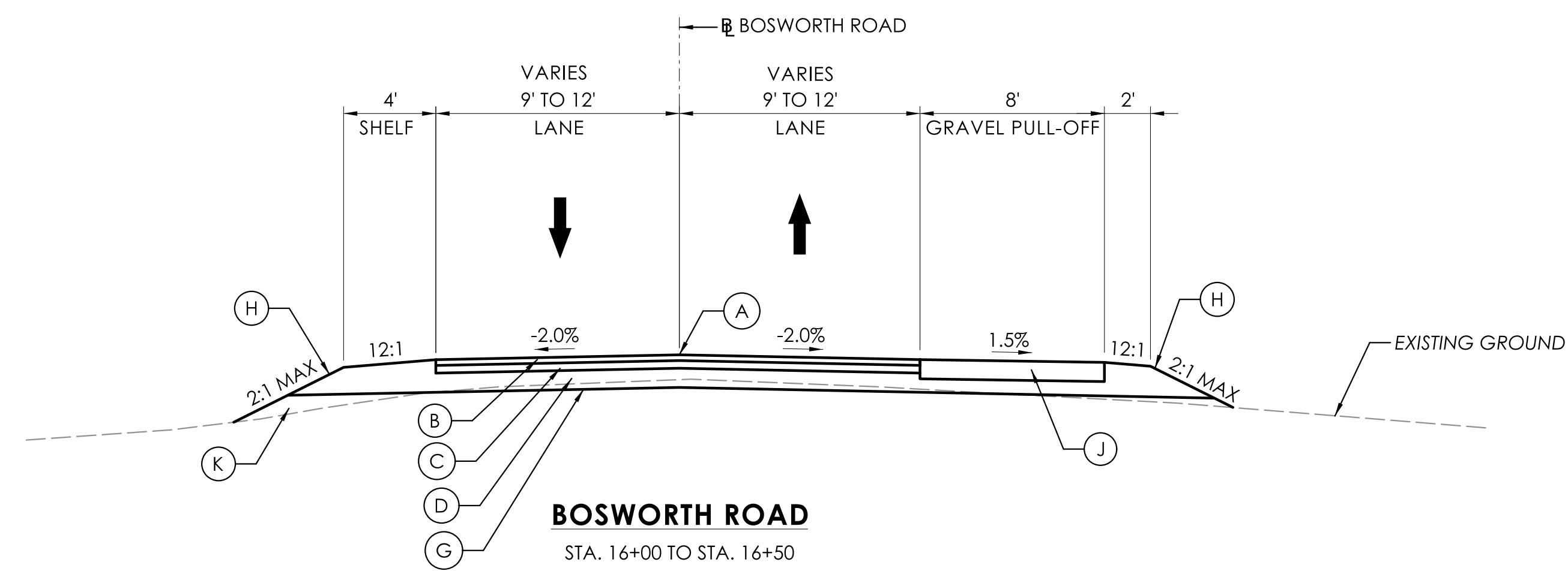
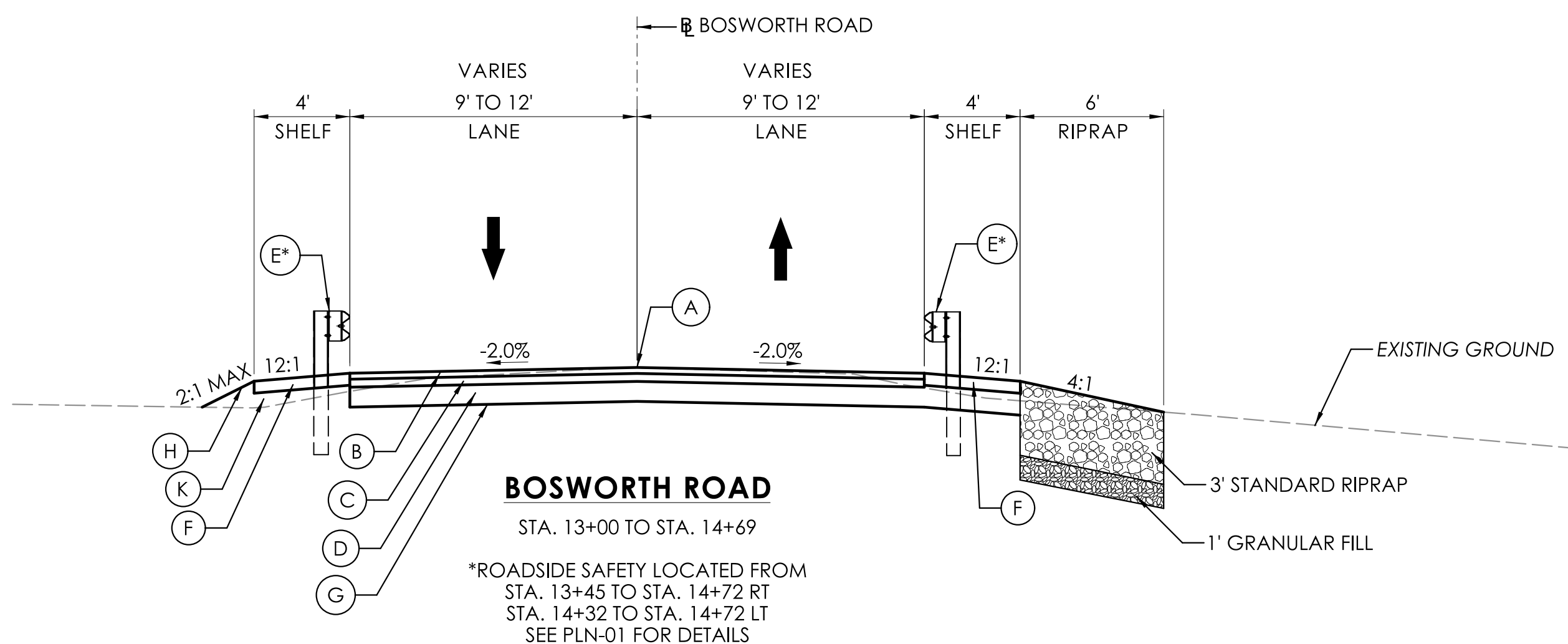




GRAVEL DRIVEWAY SECTION
*SEE CROSS SECTIONS FOR VALUES

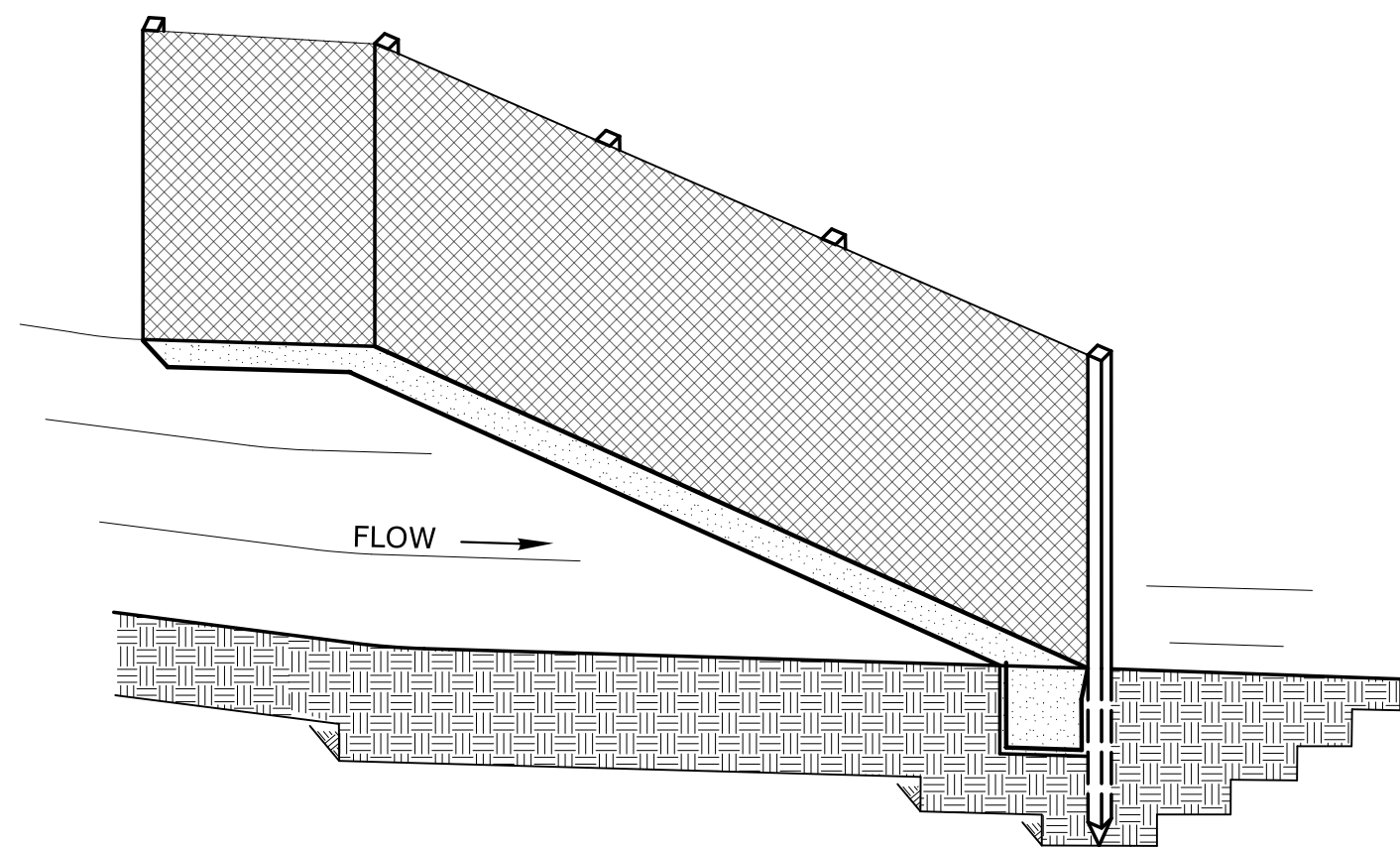
LEGEND

- (A) POINT OF APPLIED GRADE
- (B) 3" HMA S0.5 TRAFFIC LEVEL 2 (PLACED IN ONE LIFT)
- (C) 4" HMA S1 TRAFFIC LEVEL 2 (PLACED IN ONE LIFT)
- (D) 10" SUBBASE
- (E) ROADSIDE SAFETY
- (F) 6" PROCESSED AGGREGATE
- (G) FORMATION OF SUBGRADE
- (H) 4" FURNISH AND PLACE TOPSOIL WITH CONSERVATION SEEDING FOR SLOPES OR TURF ESTABLISHMENT - LAWN (SEE NOTE 3)
- (I) BITUMINOUS CONCRETE DRIVEWAY
- (J) 8" PROCESSED AGGREGATE BASE
- (K) BORROW
- ↑ DIRECTION OF TRAVEL

NOTES

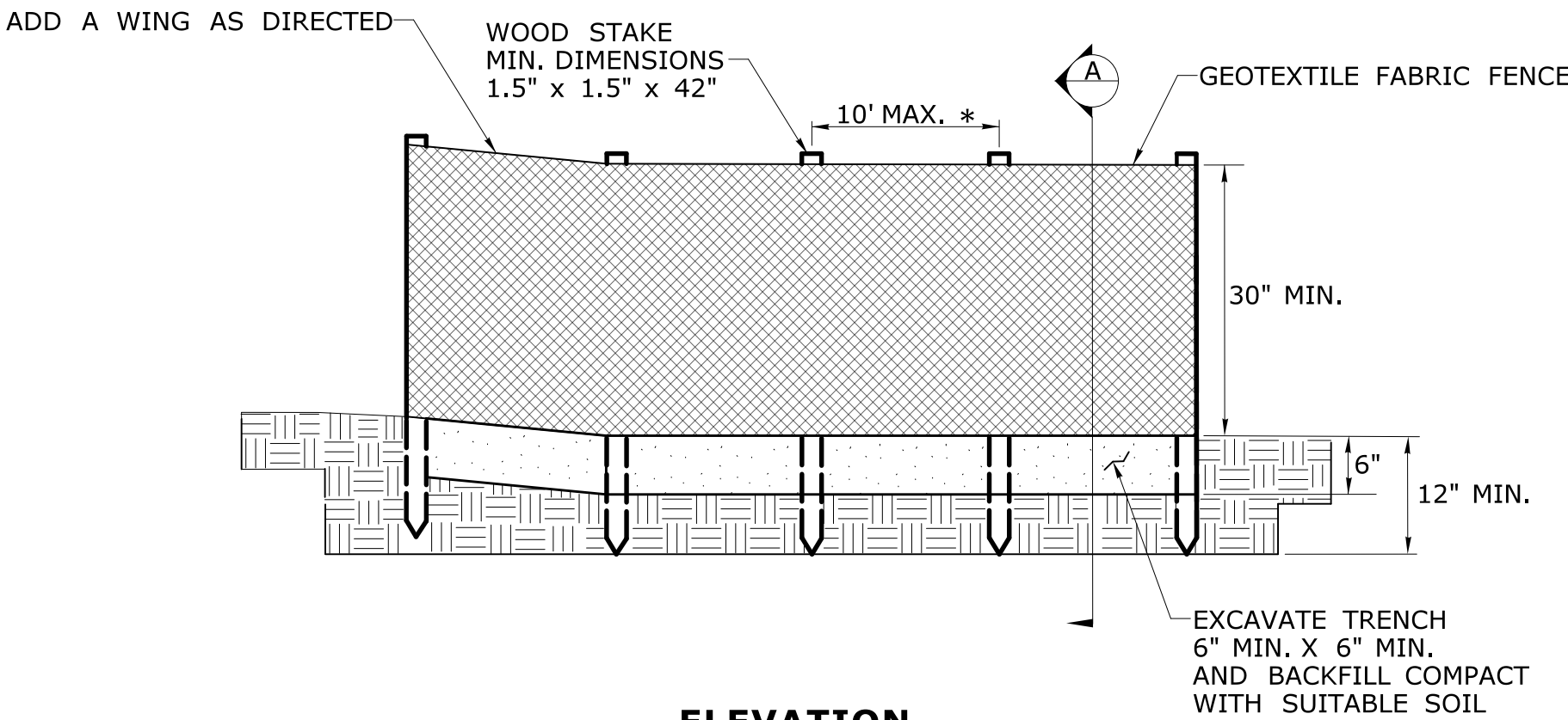
1. EROSION CONTROL MATTING TYPE "D" SHALL BE INSTALLED ON ALL PERMANENT SLOPES STEEPER THAN 3:1, WITH EXCEPTION OF AREAS OF NATURAL STREAMBED INSTALLATION.
2. GRAVEL DRIVEWAY AND GRAVEL PULL-OFF TO BE PAID FOR UNDER ITEM NO. 0304002 - PROCESSED AGGREGATE BASE.
3. REFER TO DWG. LSD-01 FOR TURF ESTABLISHMENT - LAWN AND SEEDING AREAS.

REV.	DATE	REVISION DESCRIPTION



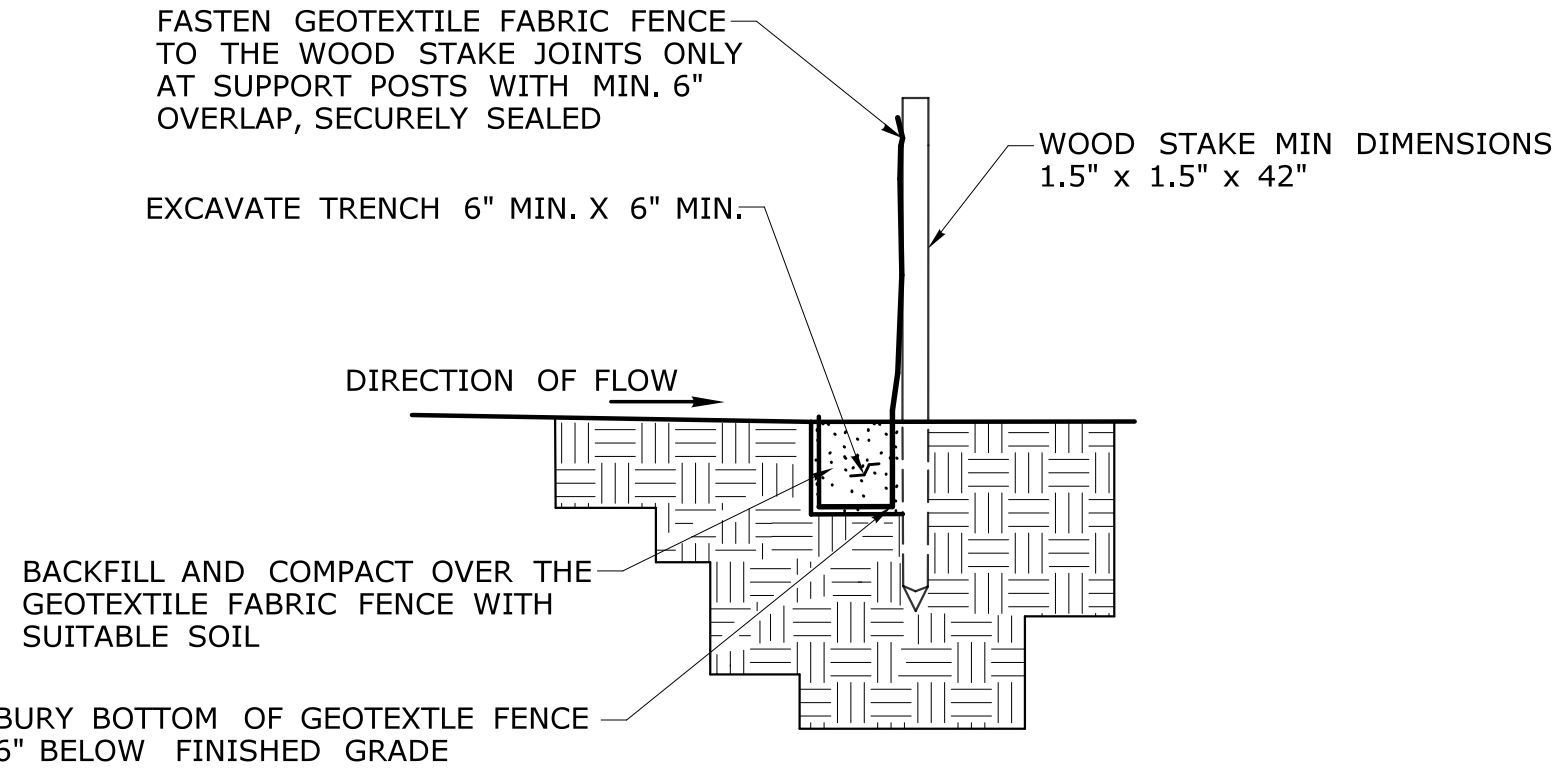
SEDIMENTATION CONTROL SYSTEM

INSTALL THE WING WHEN THE FENCE IS MORE THAN 4' FROM THE TOE OF SLOPE AND THE FENCE LINE GRADIENT IS 5% OR MORE

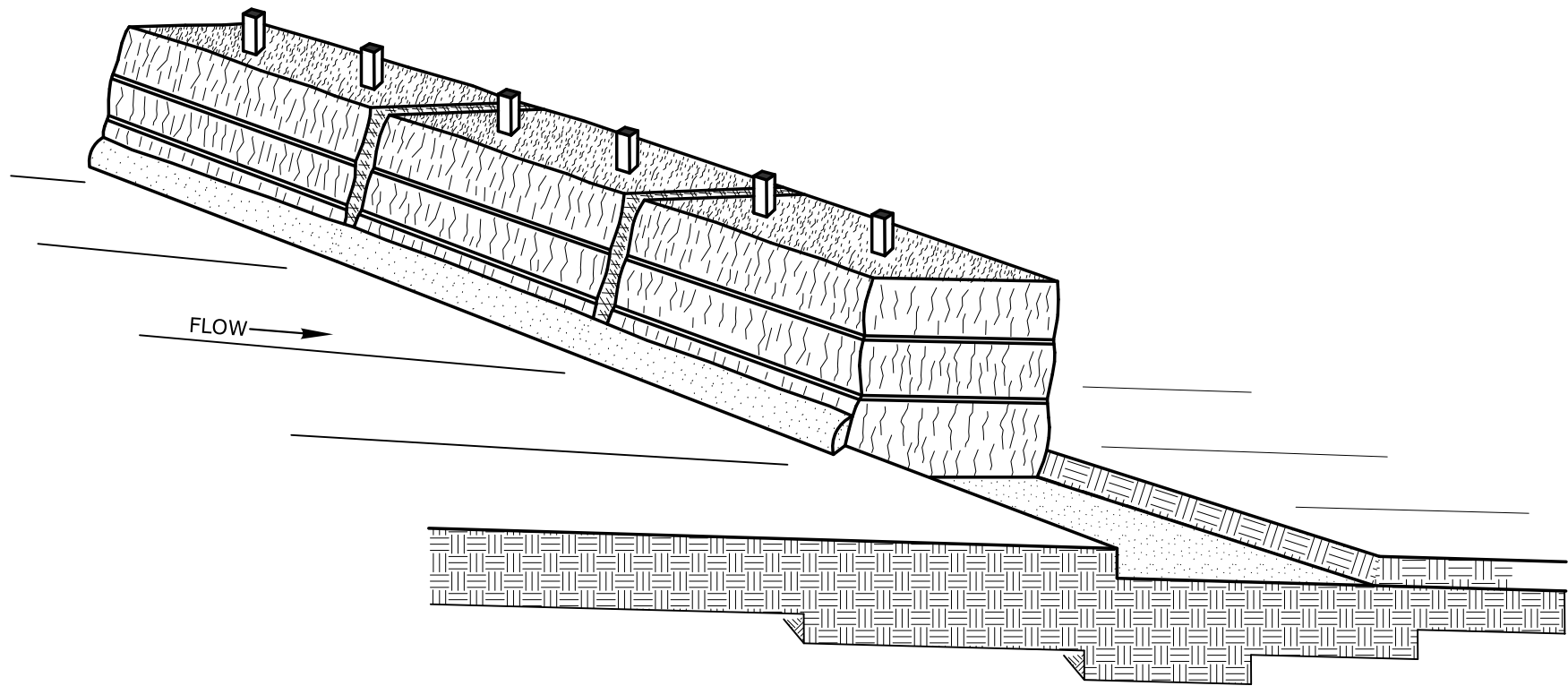


ELEVATION

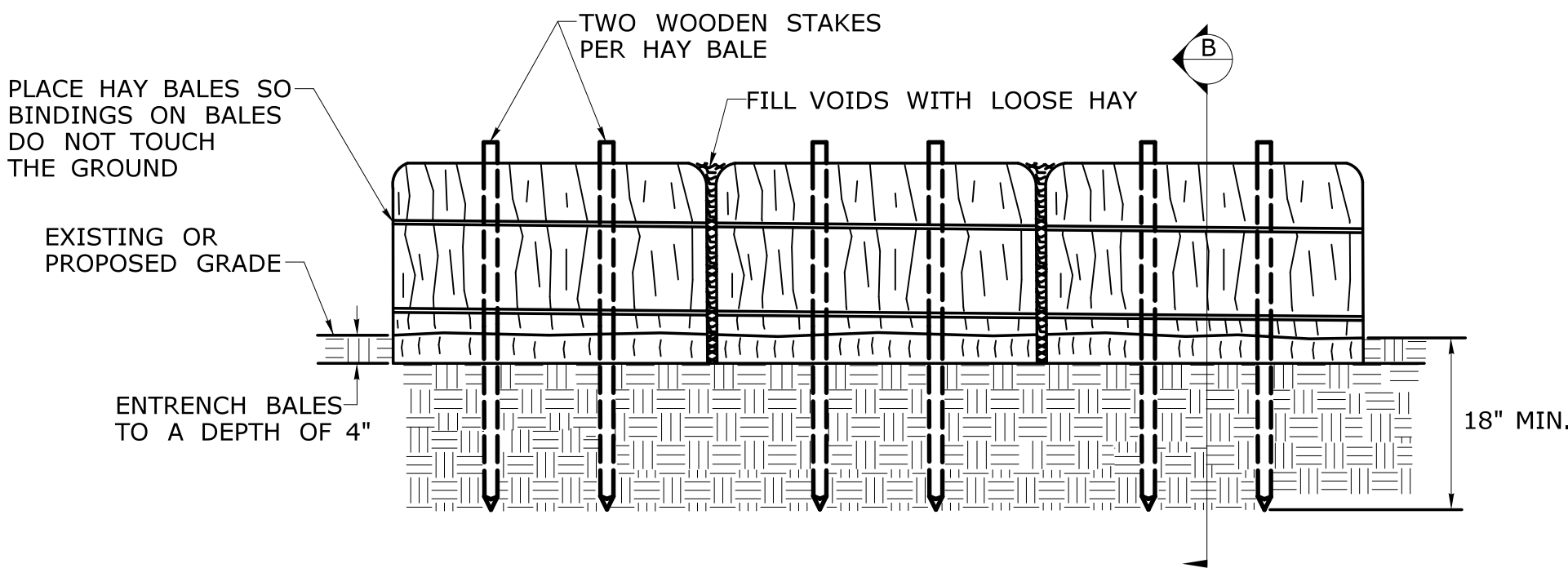
* FOR SLOPES STEEPER THAN 2:1 USE A 5' POST SPACING OR AS DIRECTED BY THE ENGINEER



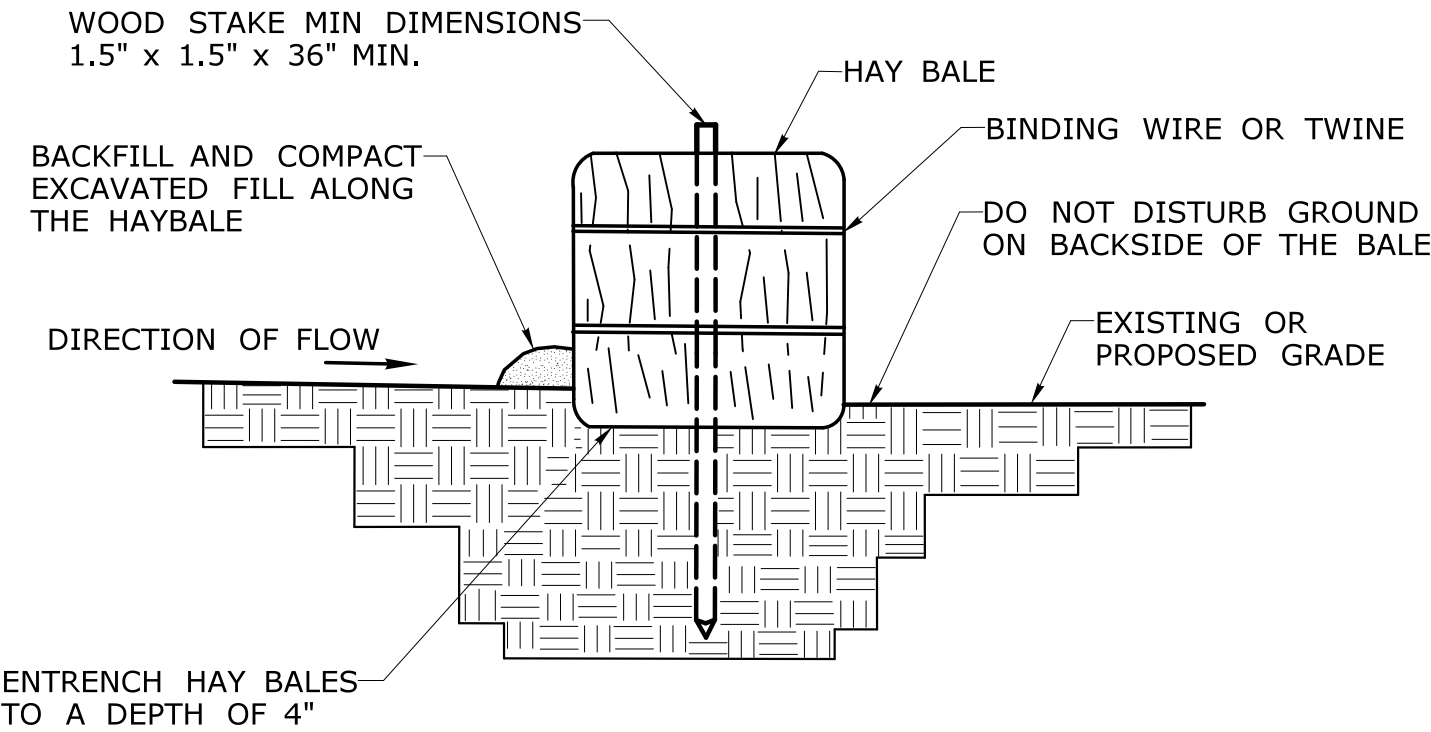
SECTION A



SEDIMENTATION CONTROL SYSTEM



ELEVATION



SECTION B

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:



DESIGNER/DRAFTER: DW CHECKED BY: RA

NOT TO SCALE



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

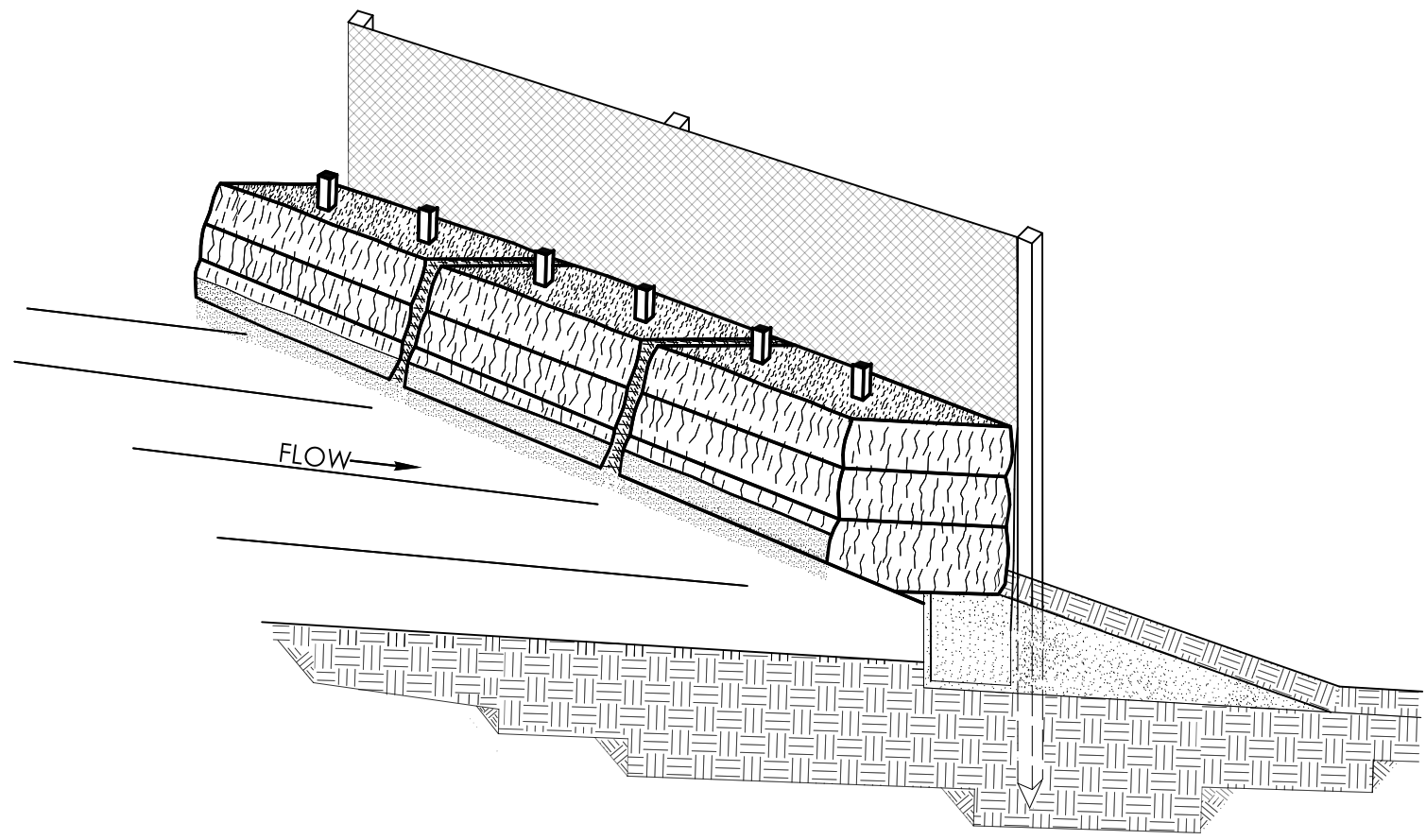
PROJECT TITLE:
**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

TOWN(S):
 **POMFRET**

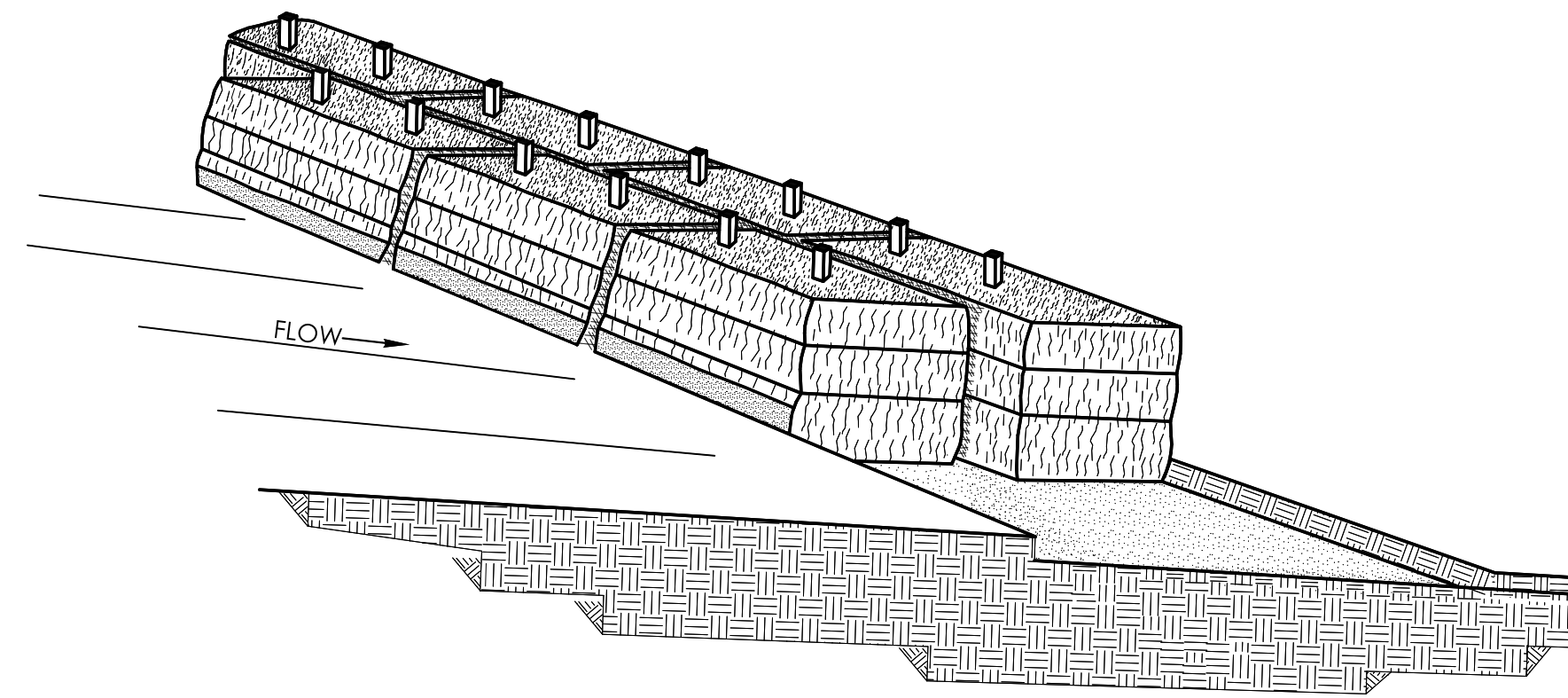
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MISCELLANEOUS DETAIL SHEET

PROJECT NO.:
0111-0127

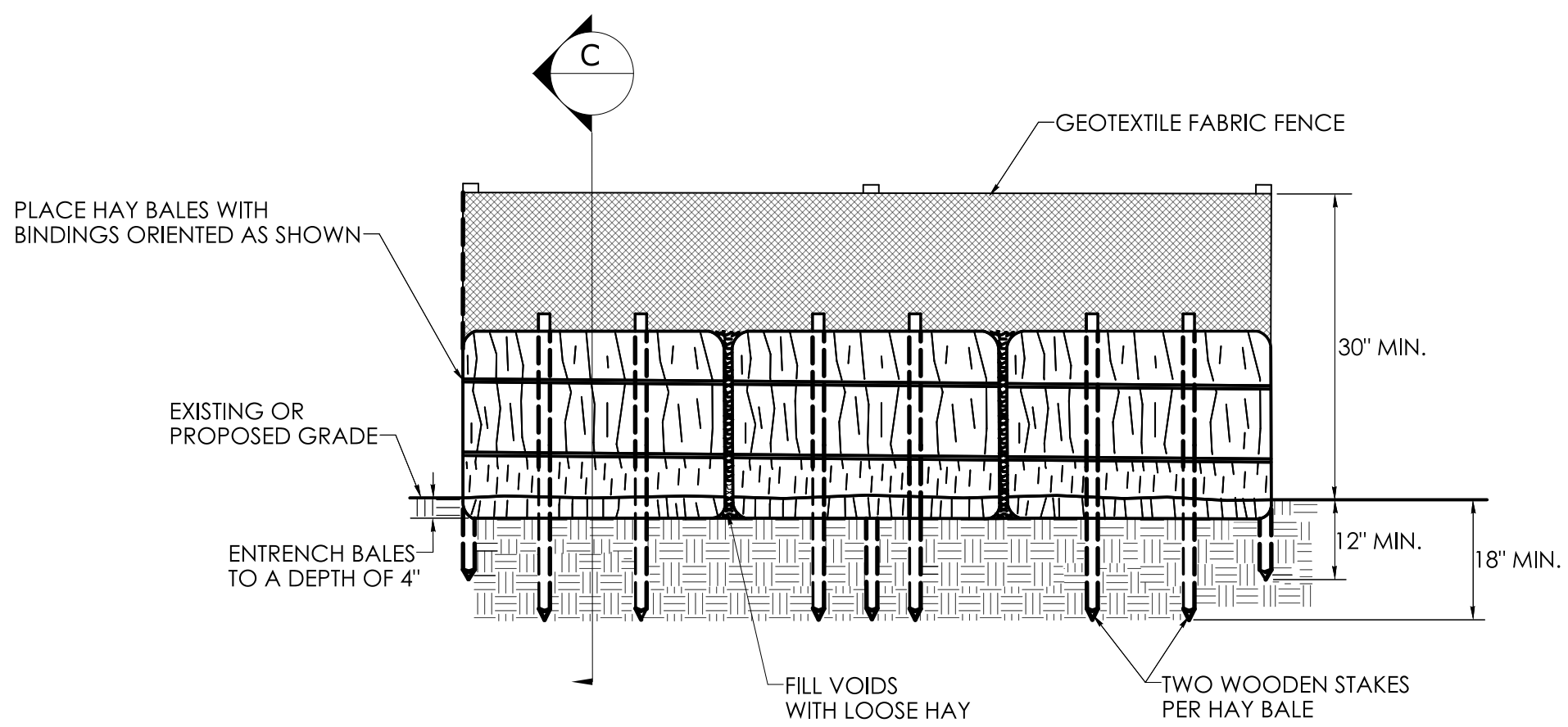
DRAWING NO.:
MDS-01
SHEET NO.:
03.03



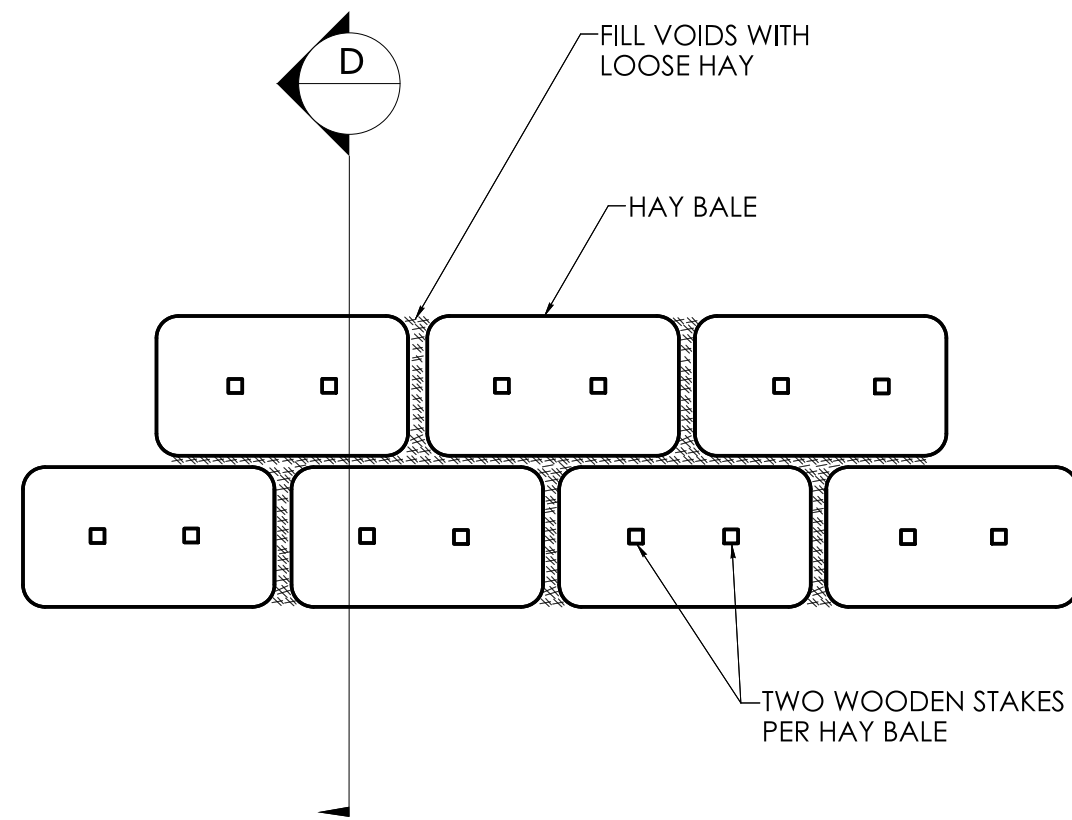
DOUBLE ROW OF HAY BALES AND
GEOTEXTILE FABRIC FENCE



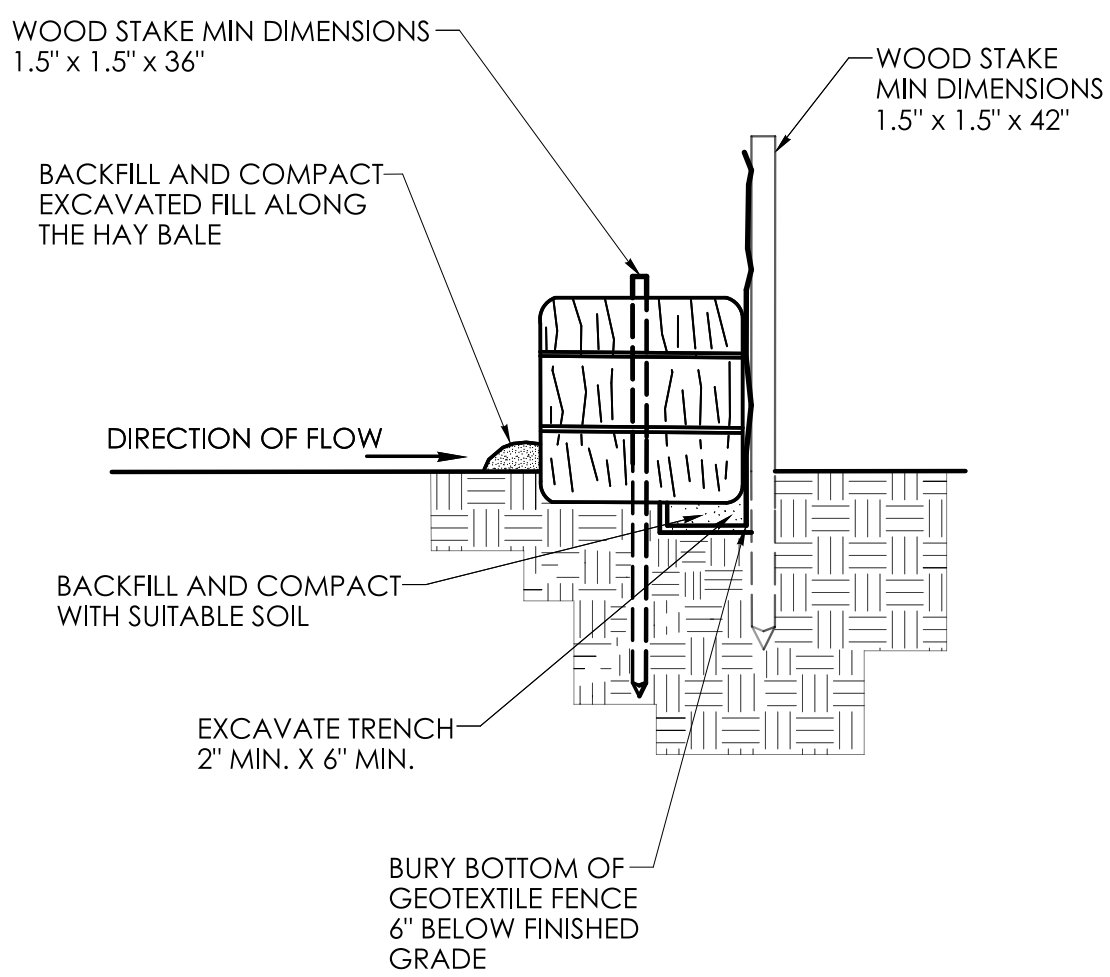
DOUBLE ROW HAY BALE SYSTEM



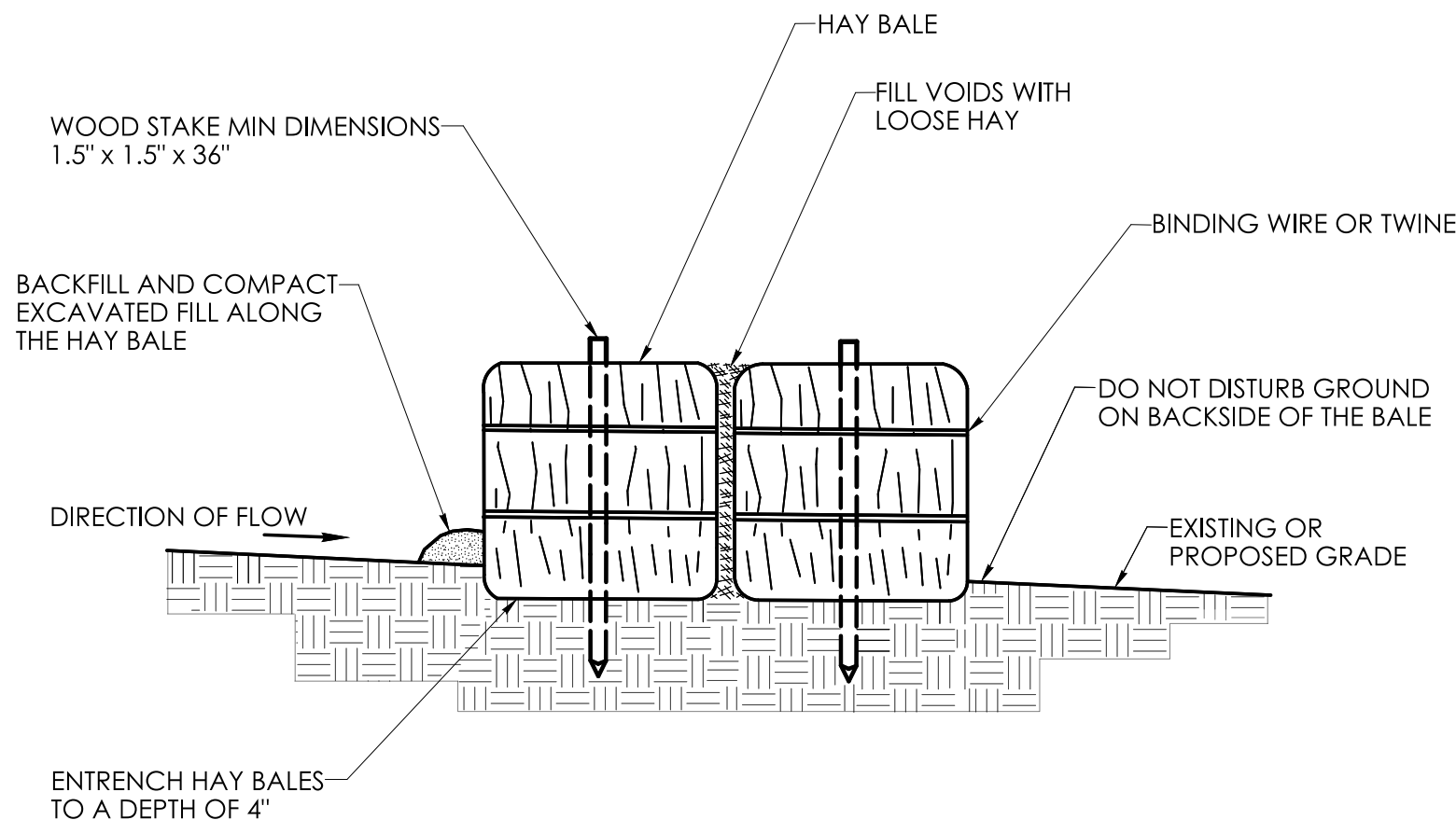
ELEVATION



PLAN



SECTION C



SECTION D

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: DW
CHECKED BY: RA

NOT TO SCALE



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DEPARTMENT OF
TRANSPORTATION

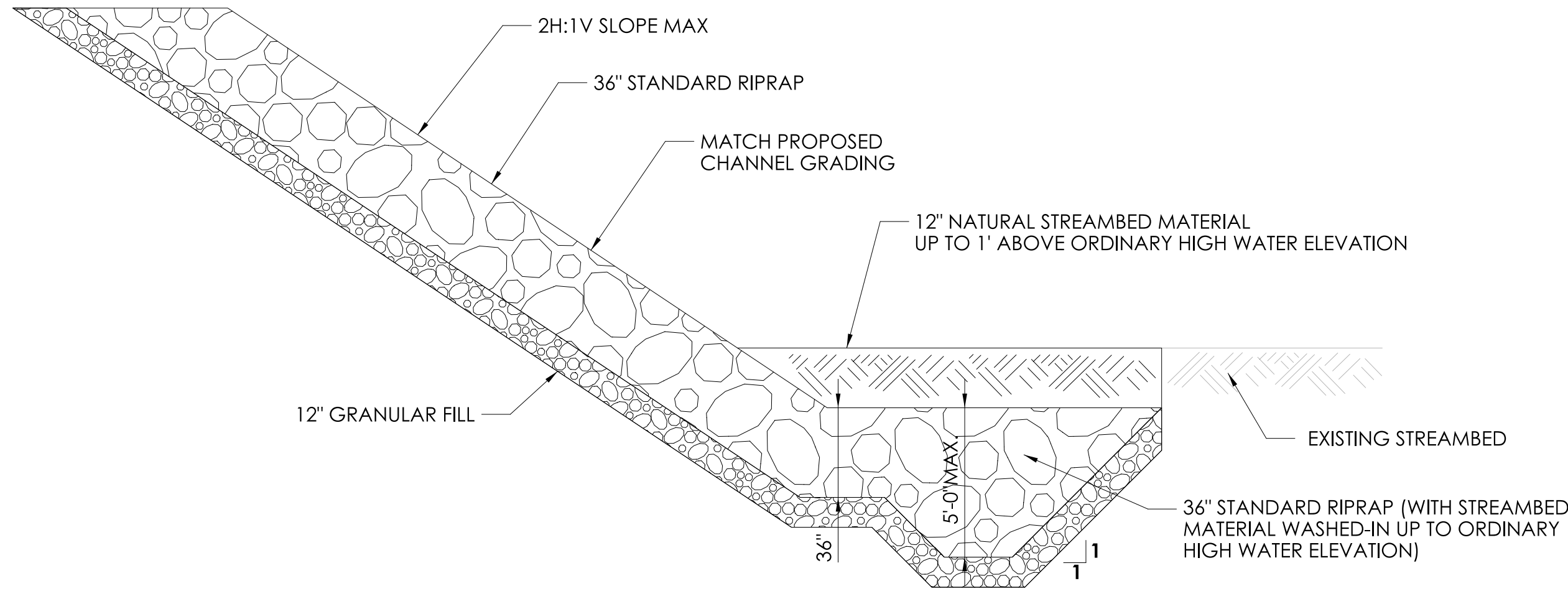
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**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

TOWN(S):
 POMFRET

DRAWING TITLE:
MISCELLANEOUS DETAIL SHEET

PROJECT NO.:
0111-0127

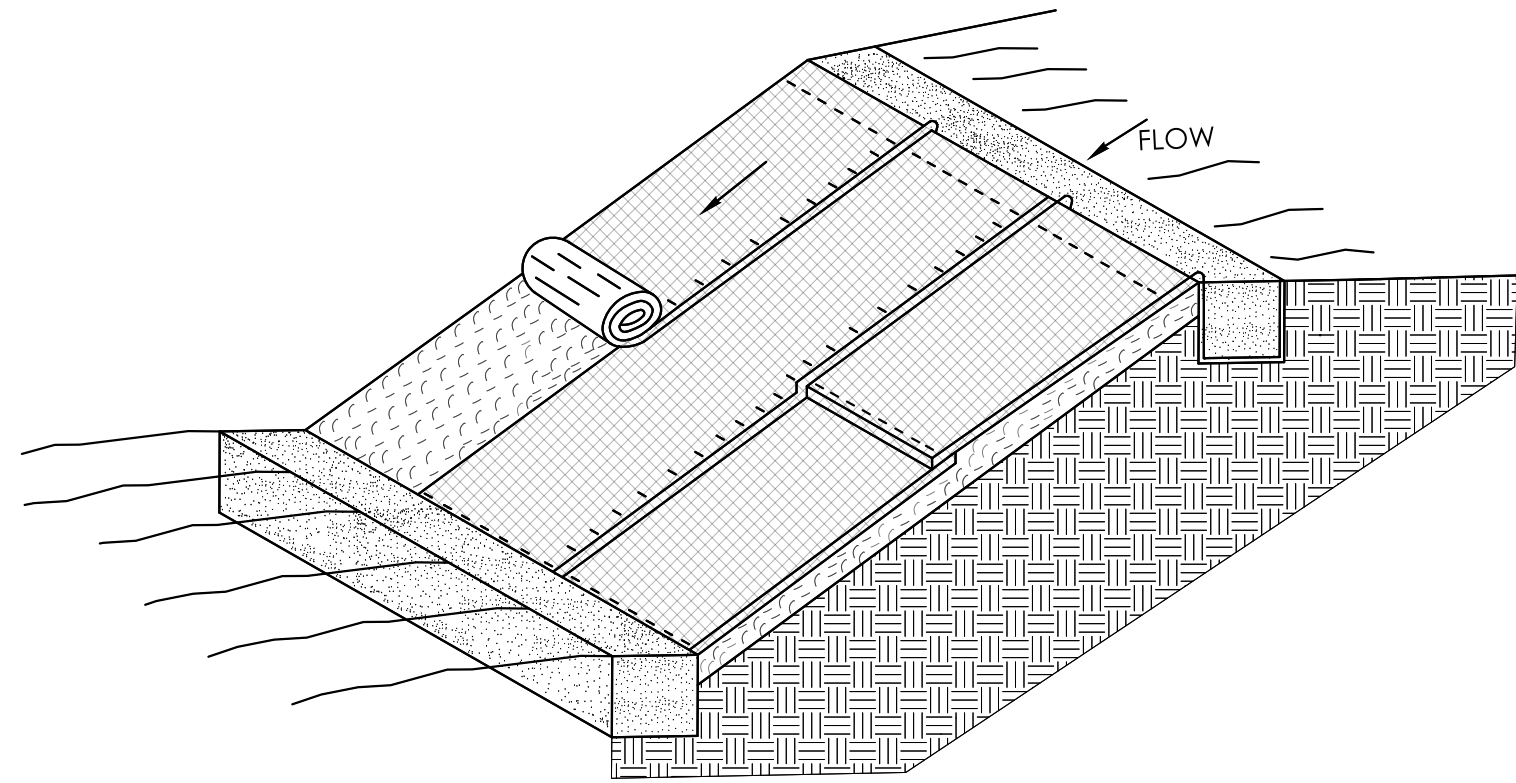
DRAWING NO.:
MDS-02
SHEET NO.:
03.04



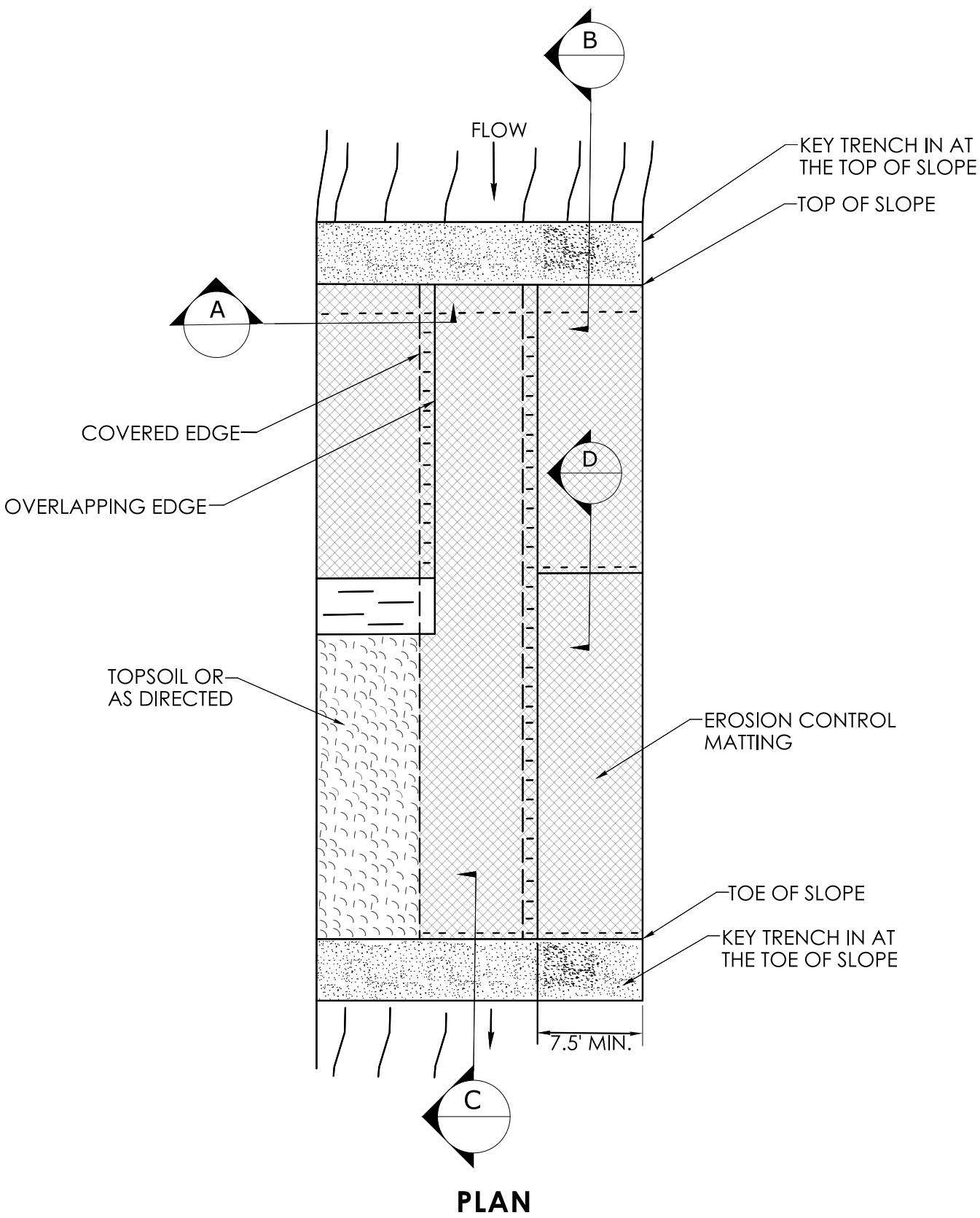
STANDARD RIPRAP DETAIL*
(SLOPE PROTECTION)

NOT TO SCALE

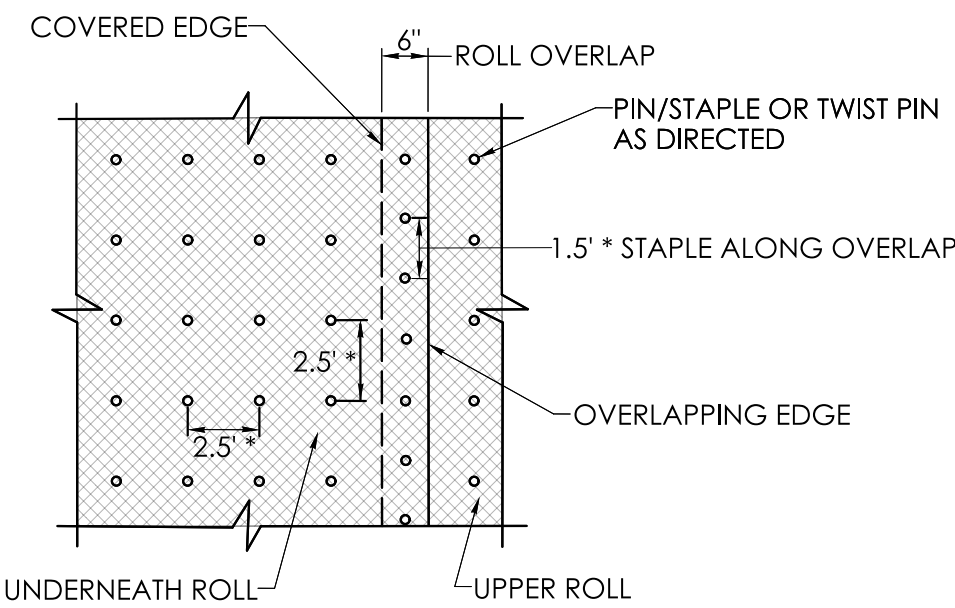
*STANDARD RIPRAP AT ABUTMENTS AND WINGWALLS SHOULD
BE ADEQUATELY KEYED INTO STREAMBED. SEE ELEVATION ON
SHEET NO. 04.02, DRAWING NO. S-02.



TYPICAL EROSION CONTROL MATTING

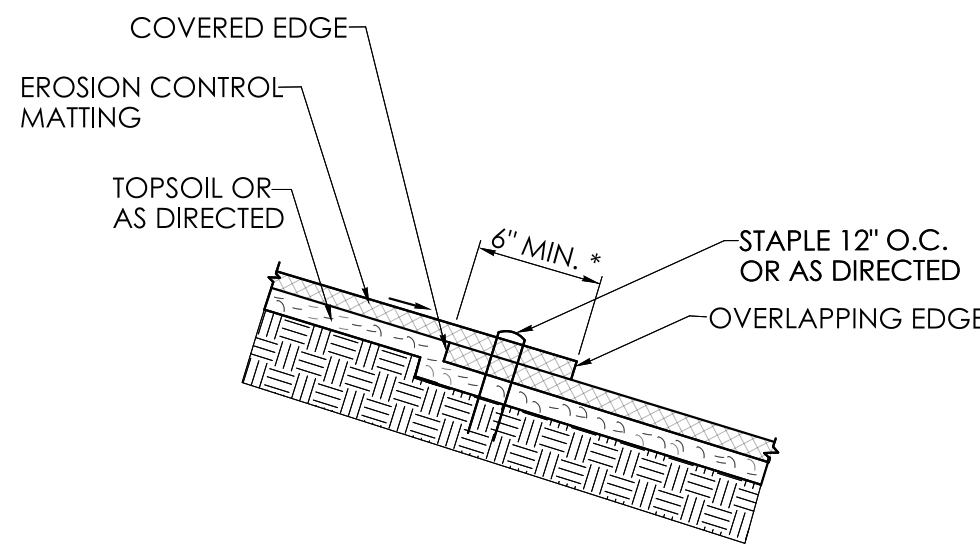


PLAN

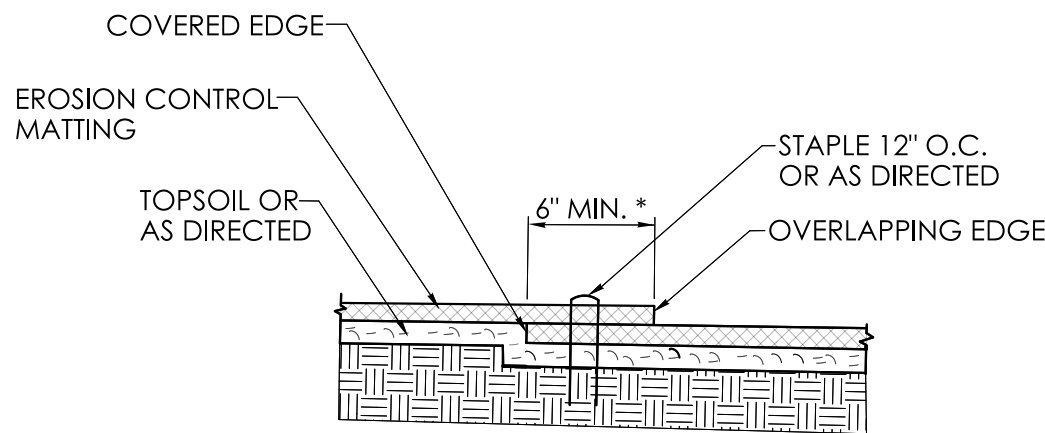


STAPLE PATTERN

* SEE NOTE 1

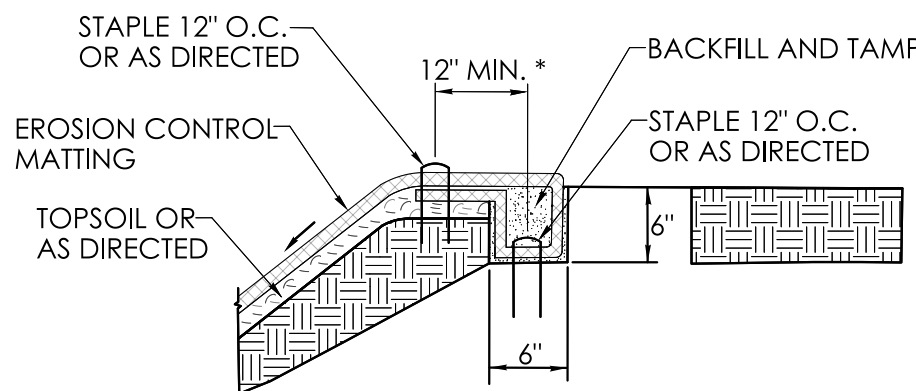


SECTION D



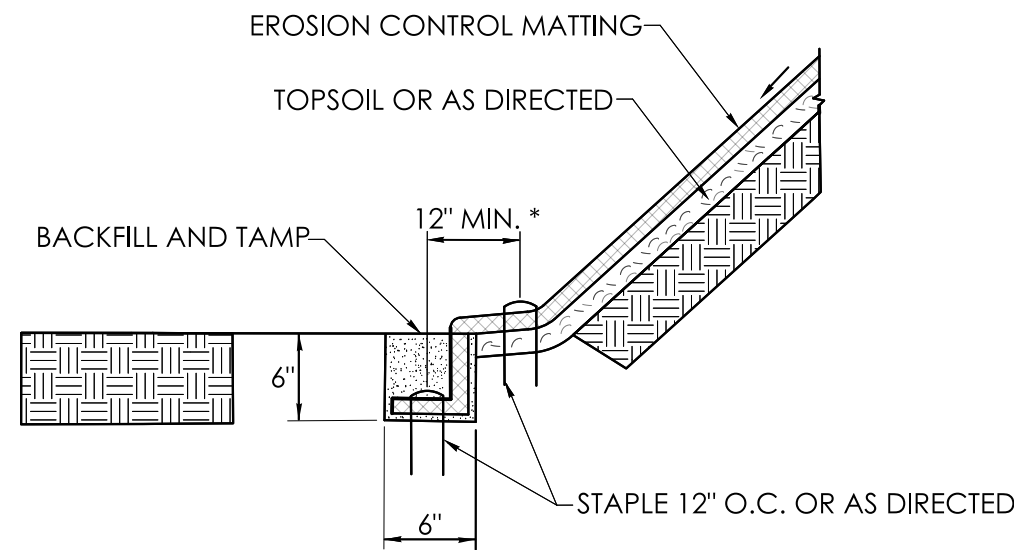
SECTION A

* SEE NOTE 1



SECTION B

KEY IN TRENCH AT TOP OF SLOPE



SECTION C

KEY TRENCH AT TOE OF SLOPE

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: DW
CHECKED BY: RA

NOT TO SCALE



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK

TOWN(S):

POMFRET

DRAWING TITLE:

MISCELLANEOUS DETAIL SHEET

PROJECT NO.:

0111-0127

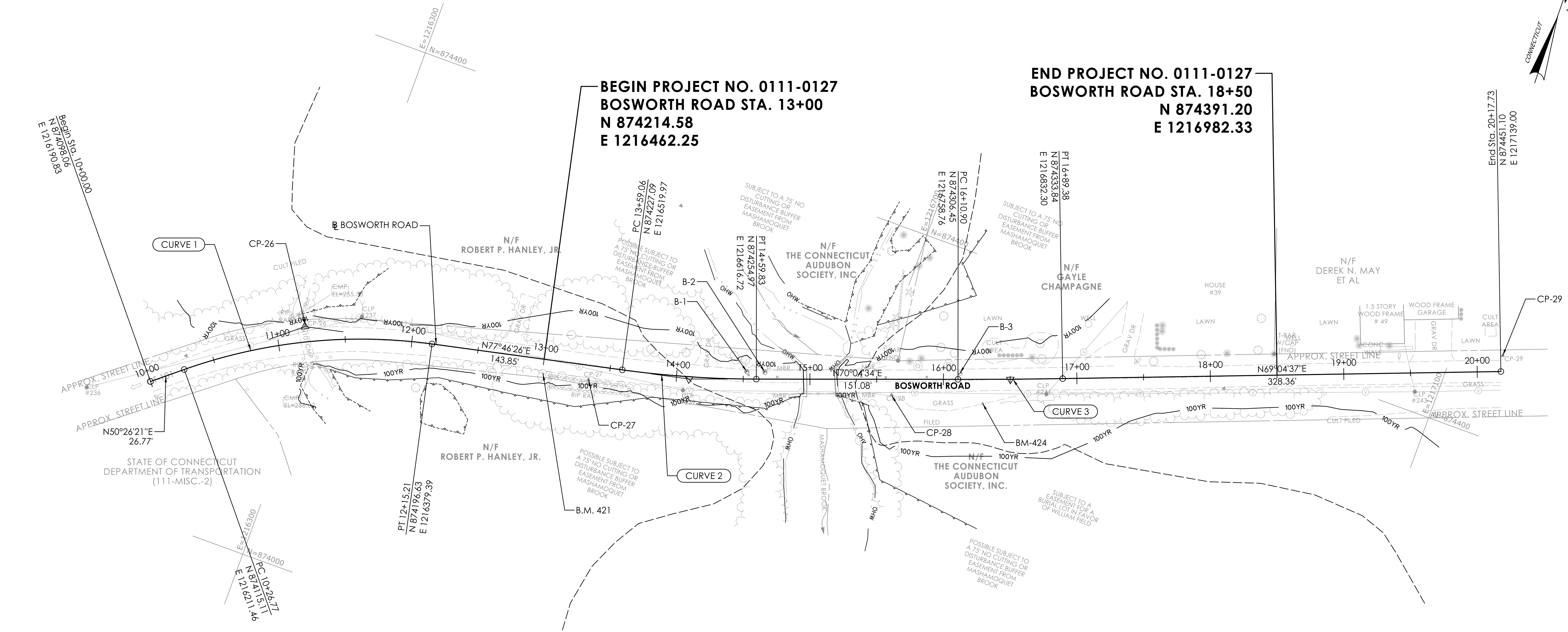
DRAWING NO.:

MDS-03

SHEET NO.:

03.05

ALIGNMENT NAME - BOSWORTH ROAD														
CURVE	PC			PI			PT			DELTA	DEGREE OF CURVATURE	T	L	R
	STA.	NORTHING	EASTING	STA.	NORTHING	EASTING	STA.	NORTHING	EASTING					
CURVE 1	10+26.77	874115.11	1216211.46	11+22.82	874176.29	1216285.51	12+15.21	874196.63	1216379.39	27°20'05"	14°30'19"	96.05'	188.45'	395.00'
CURVE 2	13+59.06	874227.09	1216519.97	14+09.52	874237.78	1216569.29	14+59.83	874254.97	1216616.72	07°41'53"	07°38'22"	50.46'	100.77'	750.00'
CURVE 3	16+10.90	874306.45	1216758.76	16+50.14	874319.82	1216795.65	16+89.38	874333.84	1216832.30	00°59'57"	01°16'24"	39.24'	78.47'	4500.00'



LEGEND

- STATE/FEDERAL WETLAND
- STATE WETLAND
- 100YR FEMA 100-YEAR FLOOD (CALCULATED)
- FEMA FLOODWAY

B.M. 421 Elev. 263.15
RAIL ROAD SPIKE IN TWIN 16" OAK
NAVD 1988

B.M. 424 Elev. 264.38
BRASS BOLT IN BOULDER
NAVD 1988

CP-25 (STEEL PIN)
NO IRS AVAILABLE

CP-26 (STEEL PIN)
CHAL BR CLASP #85
BOSWORTH ROAD
N=874115.11
E=1216211.46
N=874196.63
E=1216379.39

CP-27 (STEEL PIN)
RAIL ROAD SPIKE IN TWIN OAK
BOSWORTH ROAD
N=874227.09
E=1216519.97
N=874237.78
E=1216569.29

CP-28 (STEEL PIN)
BRASS BOLT IN BOULDER
BOSWORTH ROAD
N=874306.45
E=1216758.76
N=874319.82
E=1216795.65

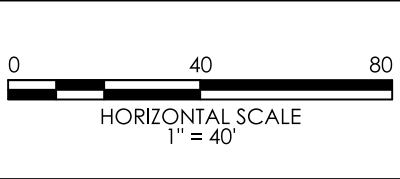
CP-29 (STEEL PIN)
ST CORNER OF DISTRICT
BOSWORTH ROAD
N=874451.10
E=1217139.00
N=874391.20
E=1216982.33

REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

DESIGNER/DRAFTER: DW/JN
CHECKED BY: RA

Alfred Benesch & Company
200 Connecticut Blvd
Stamford, CT 06907



PROJECT TITLE:
**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

TOWN(S):

POMFRET

DRAWING TITLE:
ALIGNMENT PLAN

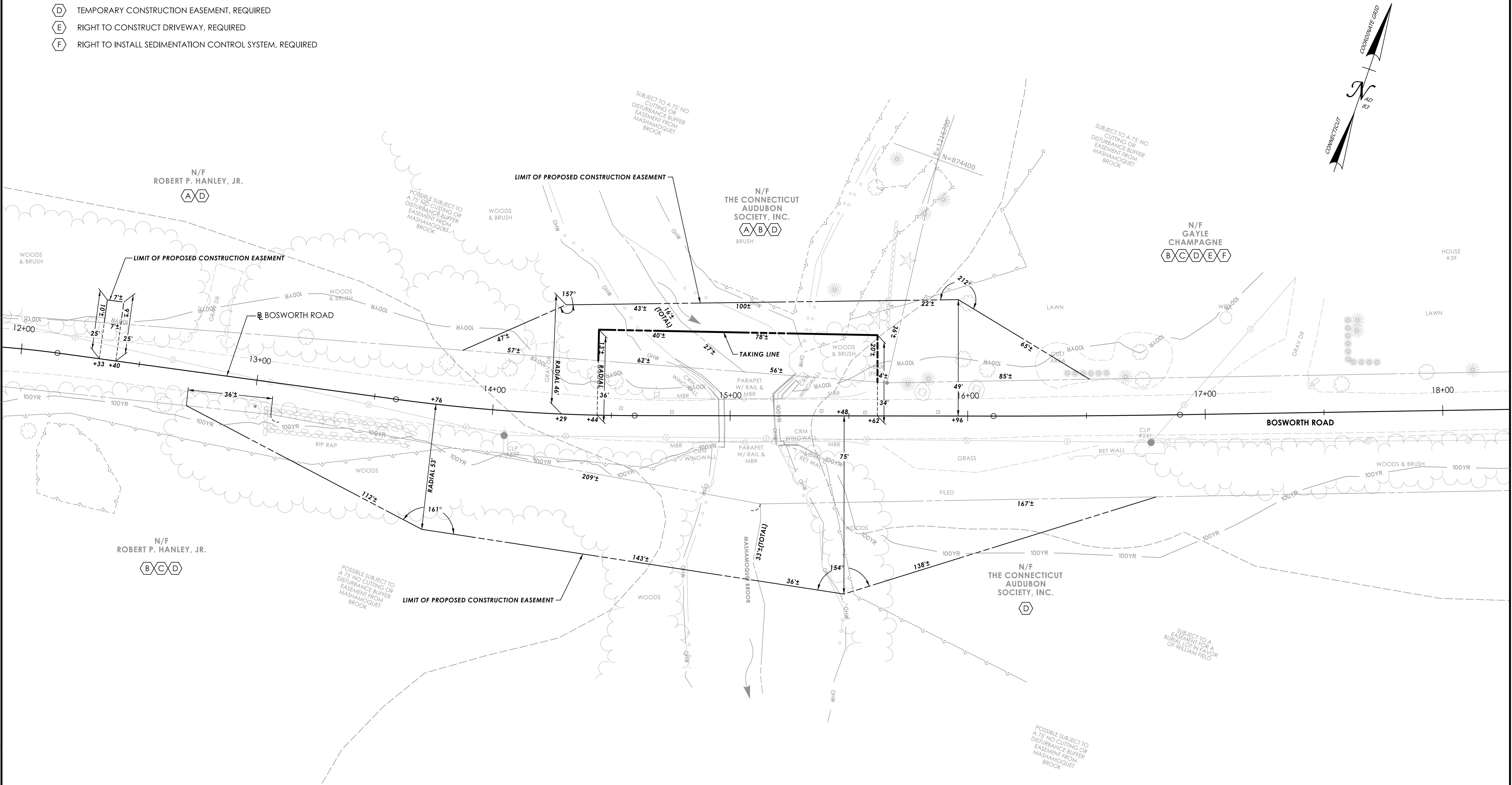
PROJECT NO.:
0111-0127

DRAWING NO.:
ALN-01

SHEET NO.:
03.06

PROPERTY ACQUISITION LEGEND

- (A) PARTIAL TAKE
(B) EASEMENT TO SLOPE FOR SUPPORT OF HIGHWAY, REQUIRED
(C) EASEMENT TO INSTALL AND MAINTAIN GUIDERAIL END ANCHORAGE, REQUIRED
(D) TEMPORARY CONSTRUCTION EASEMENT, REQUIRED
(E) RIGHT TO CONSTRUCT DRIVEWAY, REQUIRED
(F) RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM, REQUIRED



REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:

benesch

DESIGNER/DRAFTER: DW CHECKED BY: RA

0 20 40
HORIZONTAL SCALE
1" = 20'

CTDOT

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

TOWN(S):

POMFRET

DRAWING TITLE:

RIGHT OF WAY PLAN

PROJECT NO.:
0111-0127

DRAWING NO.:
ROW-01

SHEET NO.:
03.07

PROPERTY ACQUISITION LEGEND

- A

PARTIAL TAKE
- B

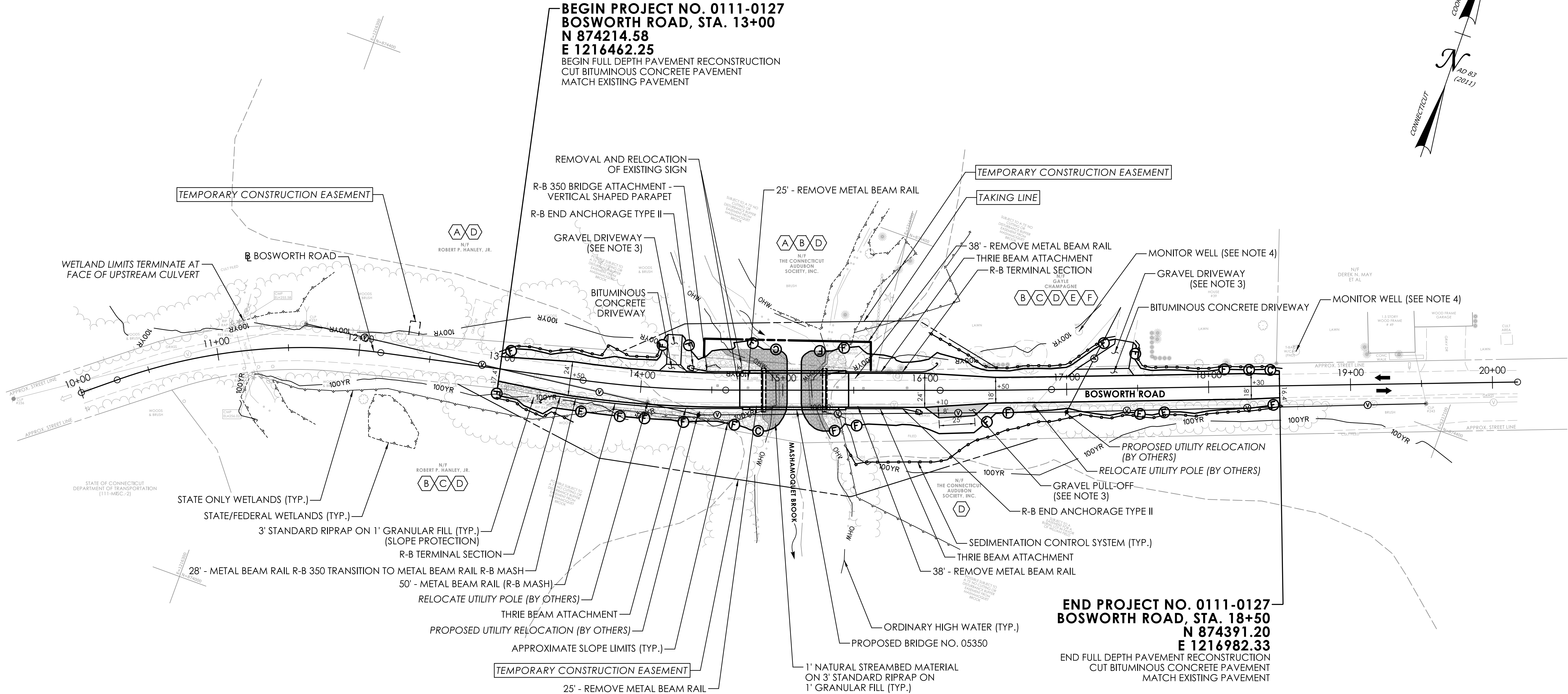
EASEMENT TO SLOPE FOR SUPPORT OF HIGHWAY, REQUIRED
- C

EASEMENT TO INSTALL AND MAINTAIN GUIDERAIL END ANCHORAGE, REQUIRED
- D

TEMPORARY CONSTRUCTION EASEMENT, REQUIRED
- E

RIGHT TO CONSTRUCT DRIVEWAY, REQUIRED
- F

RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM, REQUIRED



LEGEND

- LIMIT OF FULL DEPTH CONSTRUCTION
- C

F

APPROXIMATE SLOPE LIMITS
- STATE/FEDERAL WETLAND
- STATE WETLAND
- FEMA 100-YEAR FLOOD (CALCULATED)
- FEMA FLOODWAY
- TRAFFIC FLOW

TIME-OF-YEAR RESTRICTION NOTE

ANY TREE CLEARING WORK INCLUDING TRIMMING, CUTTING AND REMOVAL OF TREES WITH A 3" DBH OR GREATER SHOULD BE RESTRICTED TO THE PERIOD FROM NOVEMBER 1 TO APRIL 14. GROUND DISTURBING ACTIVITIES SHOULD BE DONE BETWEEN APRIL 1 AND OCTOBER 31 (INCLUSIVE) TO AVOID DISTURBING HIBERNATING ANIMALS.

NOTES

1. EROSION CONTROL MATTING TYPE "D" SHALL BE INSTALLED ON ALL PERMANENT SLOPES STEEPER THAN 3:1, WITH EXCEPTION TO AREA OF NATURAL STREAMBED INSTALLATION.
2. UTILITY POLE RELOCATION IS CONCEPTUAL. FINAL POLE RELOCATIONS TO BE DETERMINED FOLLOWING COORDINATION WITH UTILITY OWNERS. WHERE GUIDERAIL IS PRESENT, UTILITY POLES SHALL BE LOCATED A MINIMUM OF 4' BEHIND THE GUIDERAIL POSTS.
3. GRAVEL DRIVEWAY AND GRAVEL PULL-OFF TO BE PAID FOR UNDER ITEM NO. 0304002 - PROCESSED AGGREGATE BASE.
4. MONITOR WELL TO BE PAID FOR UNDER ITEM NO. 0714999 - MONITORING STRUCTURES.

REVISION DESCRIPTION			
REV.	DATE	BY	DESCRIPTION

SIGNATURE BLOCK:

benesch

Benesch & Company
300 Connecticut Blvd
Suite 202
Groton, CT 06340

0

40

80

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

DESIGNER/DRAFTER: NB,LA CHECKED BY: RA

0 40 80

HORIZONTAL SCALE
1" = 40'

CTDOT

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK

TOWN(S):

TOWN OF POMFRET

POMFRET

DRAWING TITLE:

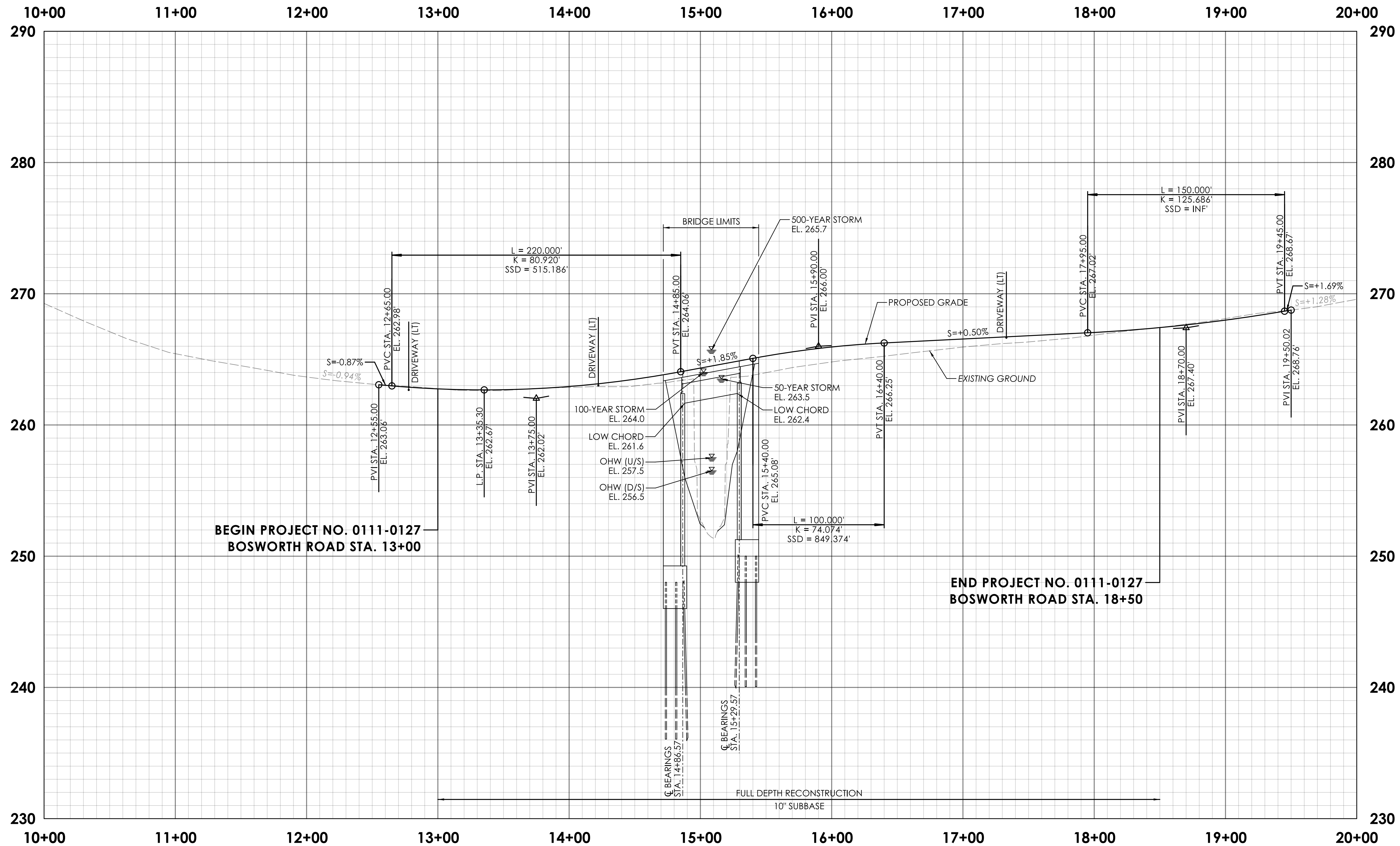
HIGHWAY PLAN

PROJECT NO.: 0111-0127

DRAWING NO.: PLN-01

SHEET NO.: 03.08

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PLOTTED DATE: 9/15/2026



REVISION DESCRIPTION	
REV.	DATE

SIGNATURE BLOCK:

DESIGNER/DRAFTER: DW/NB

CHECKED BY: RA

080

40

0

HORIZONTAL SCALE IN FEET

8

4

0

VERTICAL SCALE IN FEET

CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:

REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK

TOWN(S):

POMFRET

DRAWING TITLE:

PROFILE

PROJECT NO.:

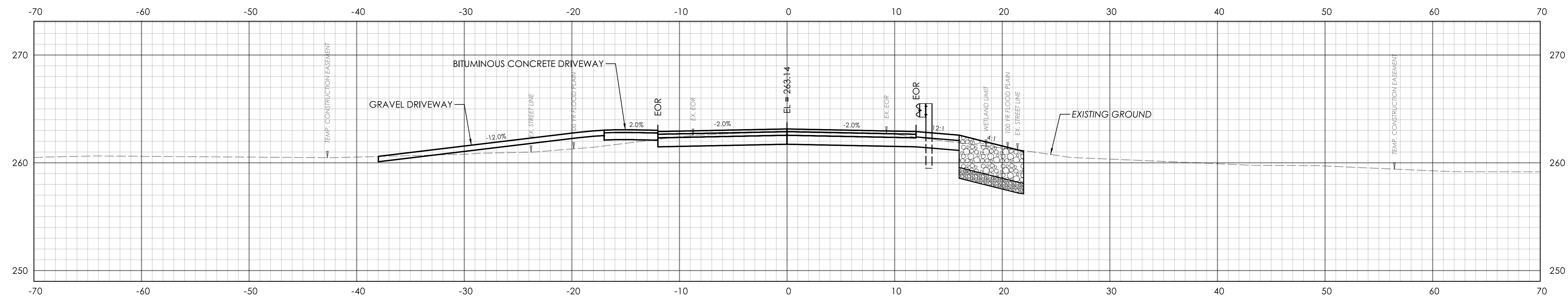
0111-0127

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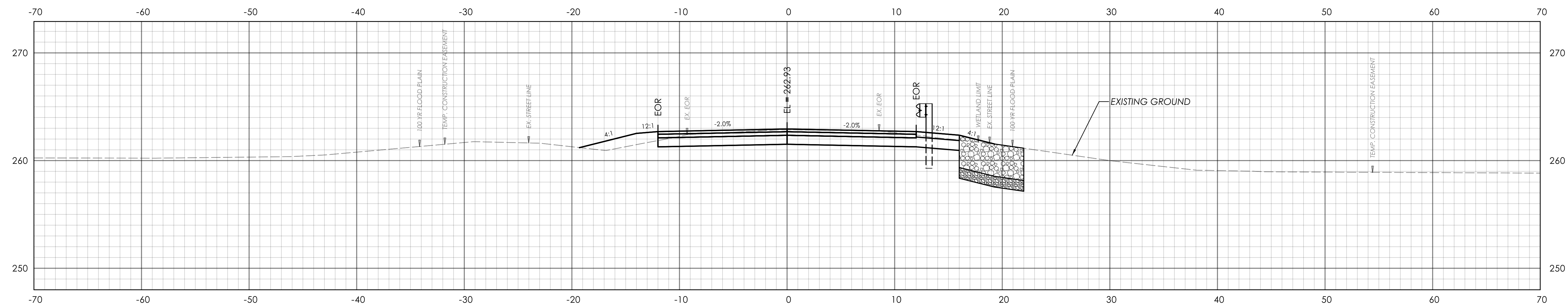
PRO-01

SHEET NO.:

03.09



STA. 14+22.00



STA. 14+00.00

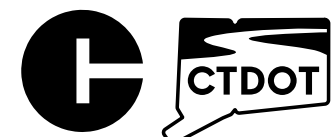
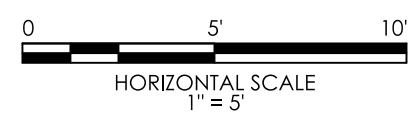
REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:



Alfred Benesch
& Company
200 Connecticut Blvd
Suite 202
Greenwich, CT

DESIGNER/DRAFTER: DW/NB CHECKED BY: RA



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:
**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

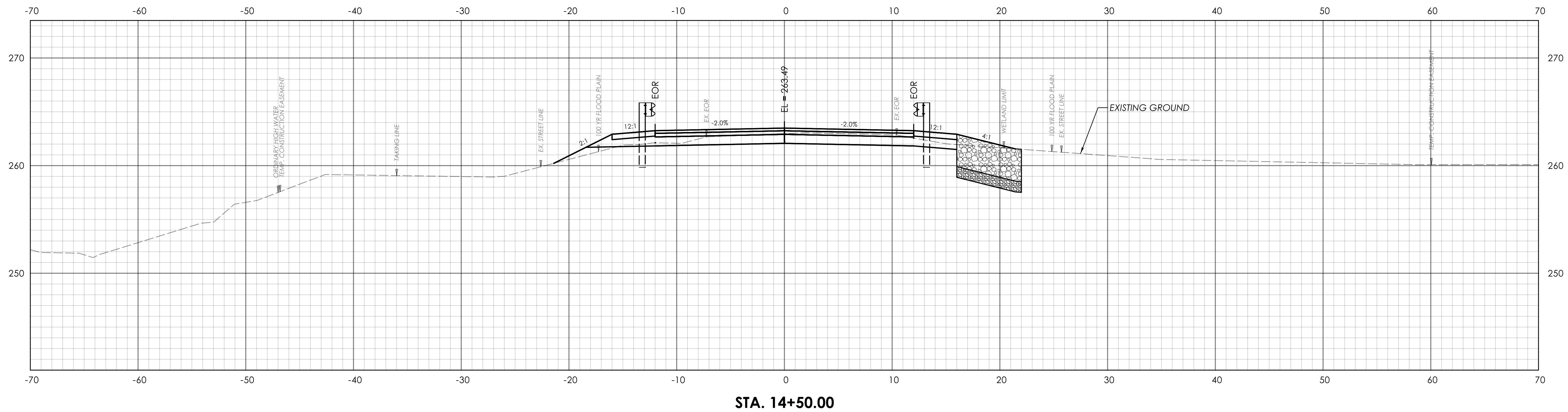
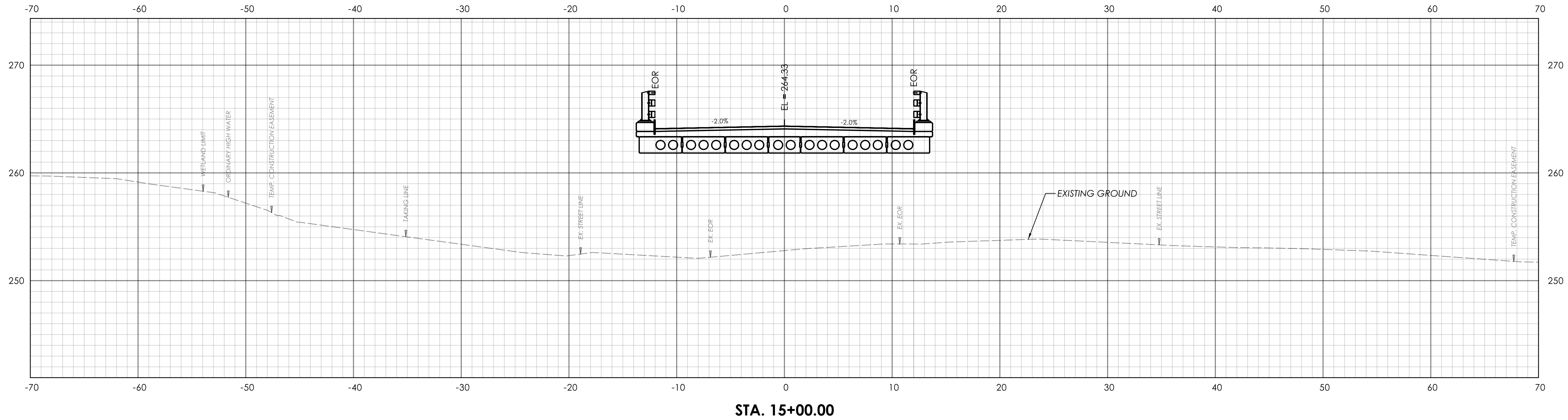
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**POMFRET**

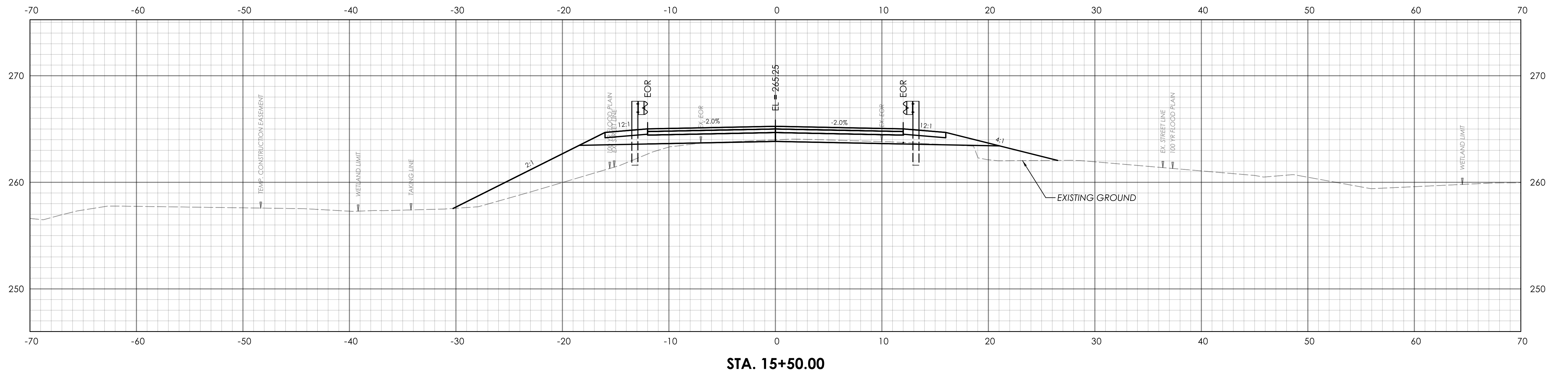
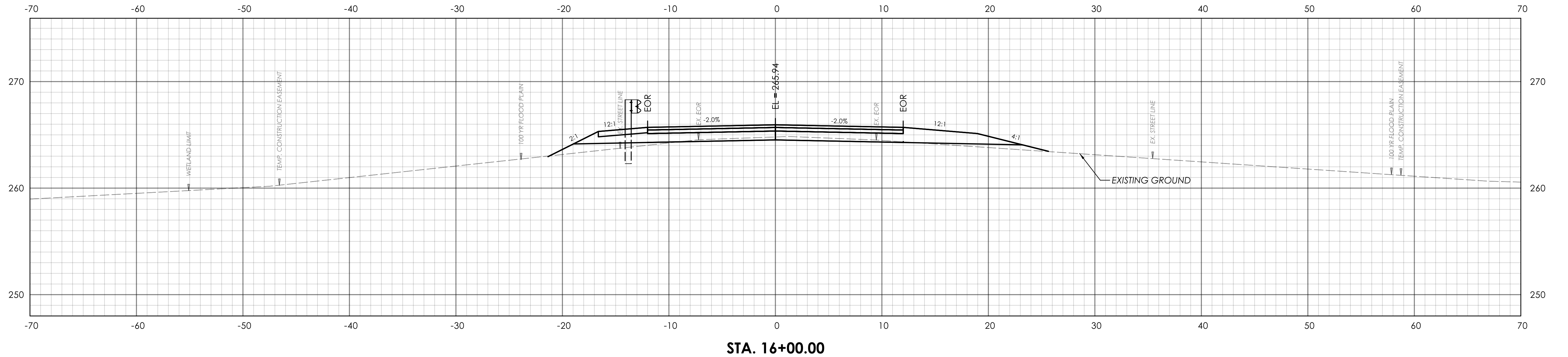
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CROSS SECTIONS

PROJECT NO.:
0111-0127

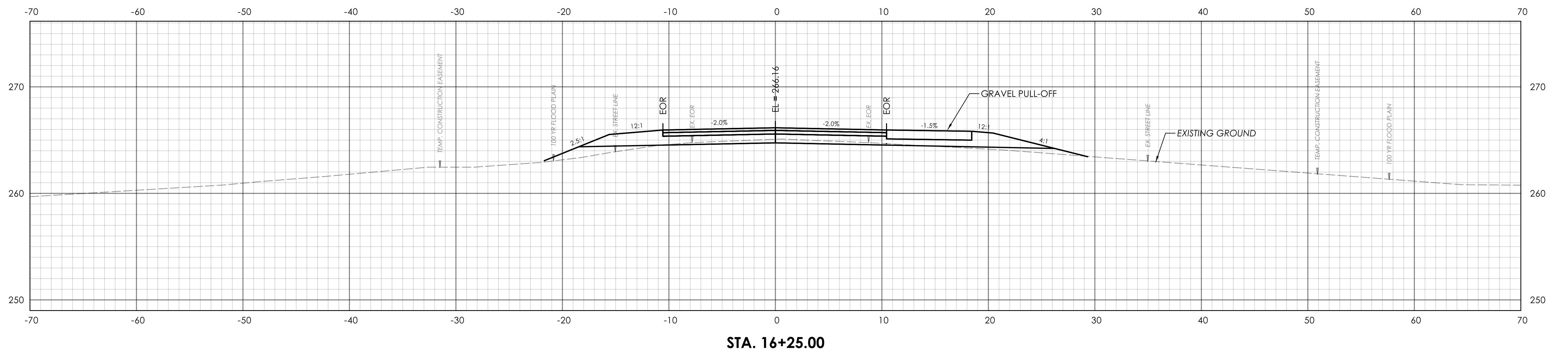
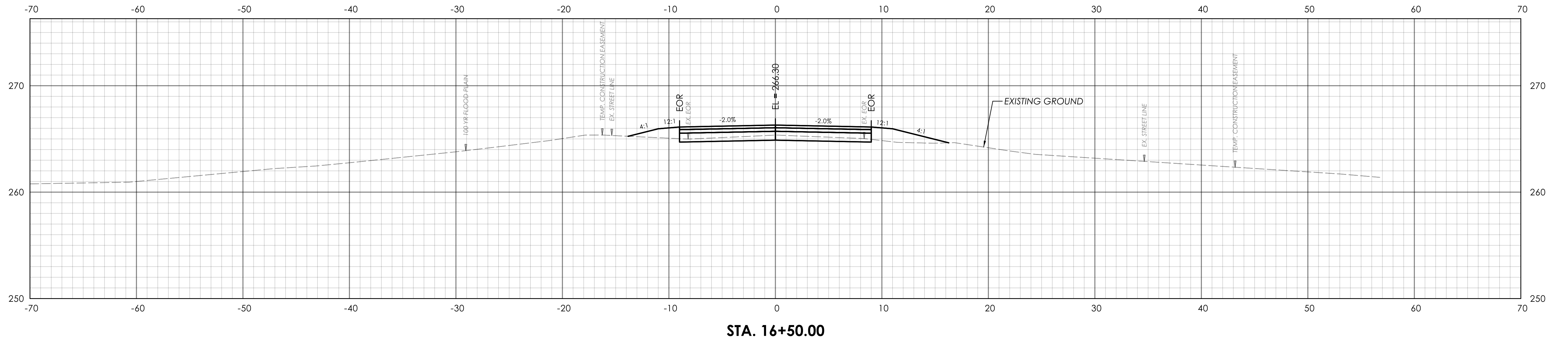
DRAWING NO.:
XSC-02
SHEET NO.:
03.11



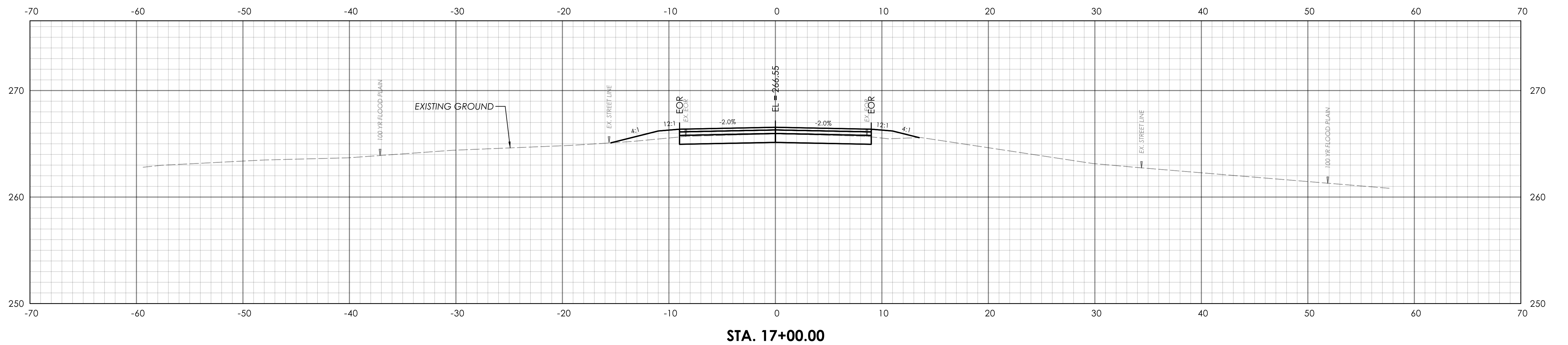
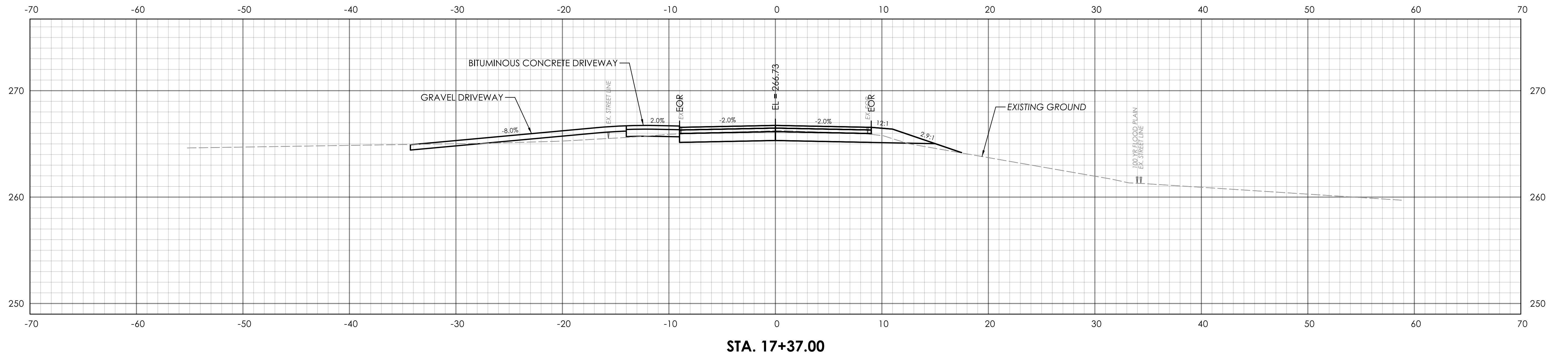
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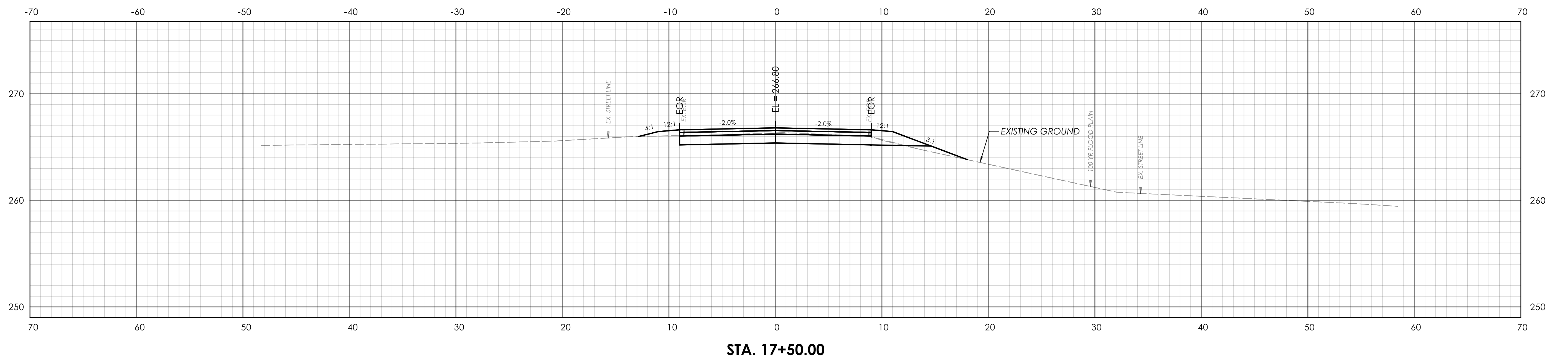
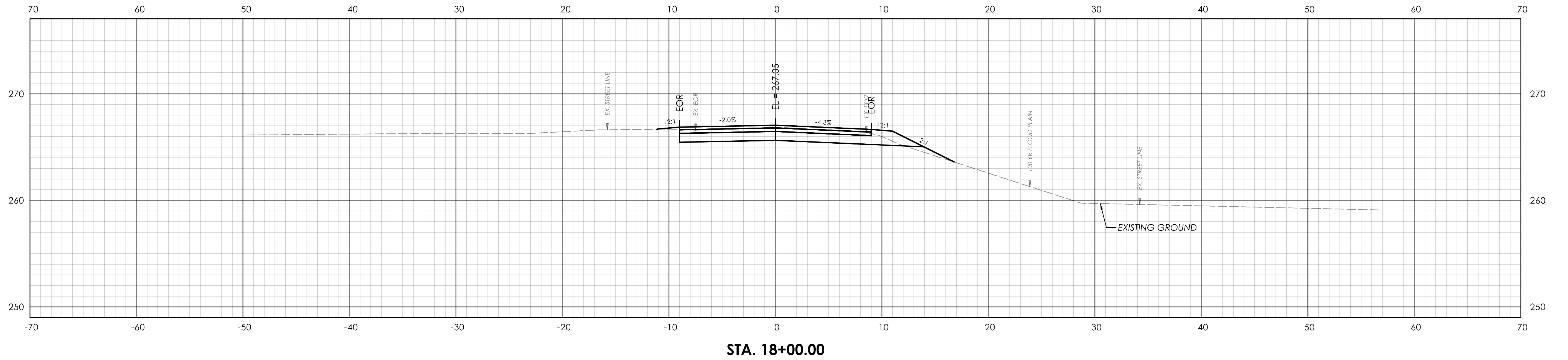
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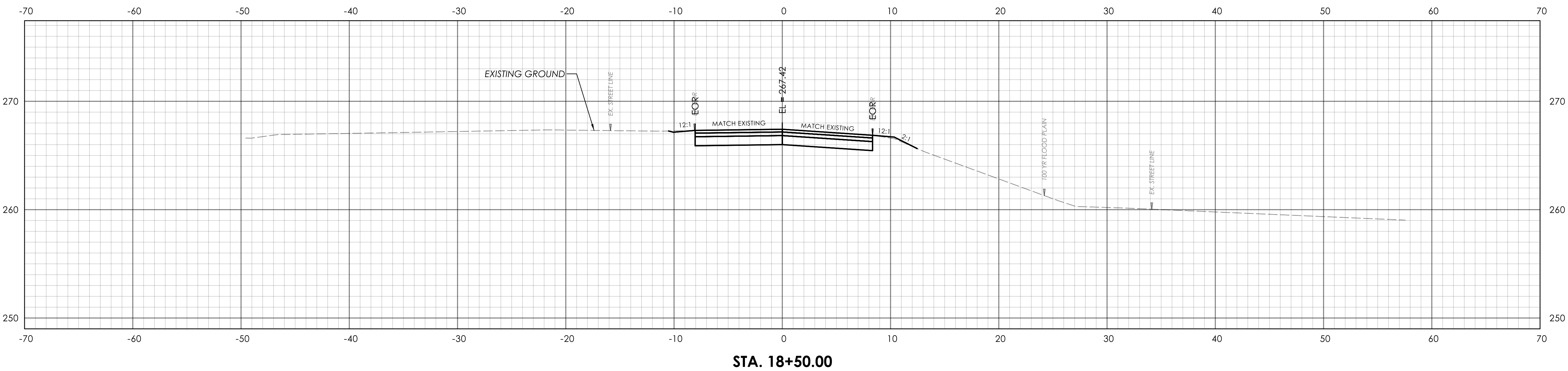
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REV.	DATE	REVISION DESCRIPTION



REV.	DATE	REVISION DESCRIPTION

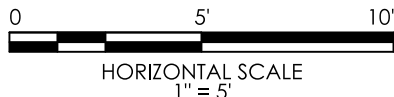


REV.	DATE	REVISION DESCRIPTION

SIGNATURE BLOCK:



Alfred Benesch & Company
200 Connecticut Blvd
Suite 201
Greenwich, CT



HORIZONTAL SCALE
1" = 5'



CONNECTICUT
DEPARTMENT OF
TRANSPORTATION

PROJECT TITLE:
**REPLACEMENT OF BRIDGE NO. 05350
BOSWORTH ROAD OVER MASHAMOQUET BROOK**

TOWN(S):
**POMFRET**

DRAWING TITLE:
CROSS SECTIONS

PROJECT NO.:
0111-0127

DRAWING NO.:
XSC-08
SHEET NO.:
03.17

DESIGNER/DRAFTER: DW/NB
CHECKED BY: RA

LASTED SAVED BY: dwdwh
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PLOTTED DATE: 9/14/2026

