

PROJECT LOCATION PLAN

SCALE: 1" = 1000'

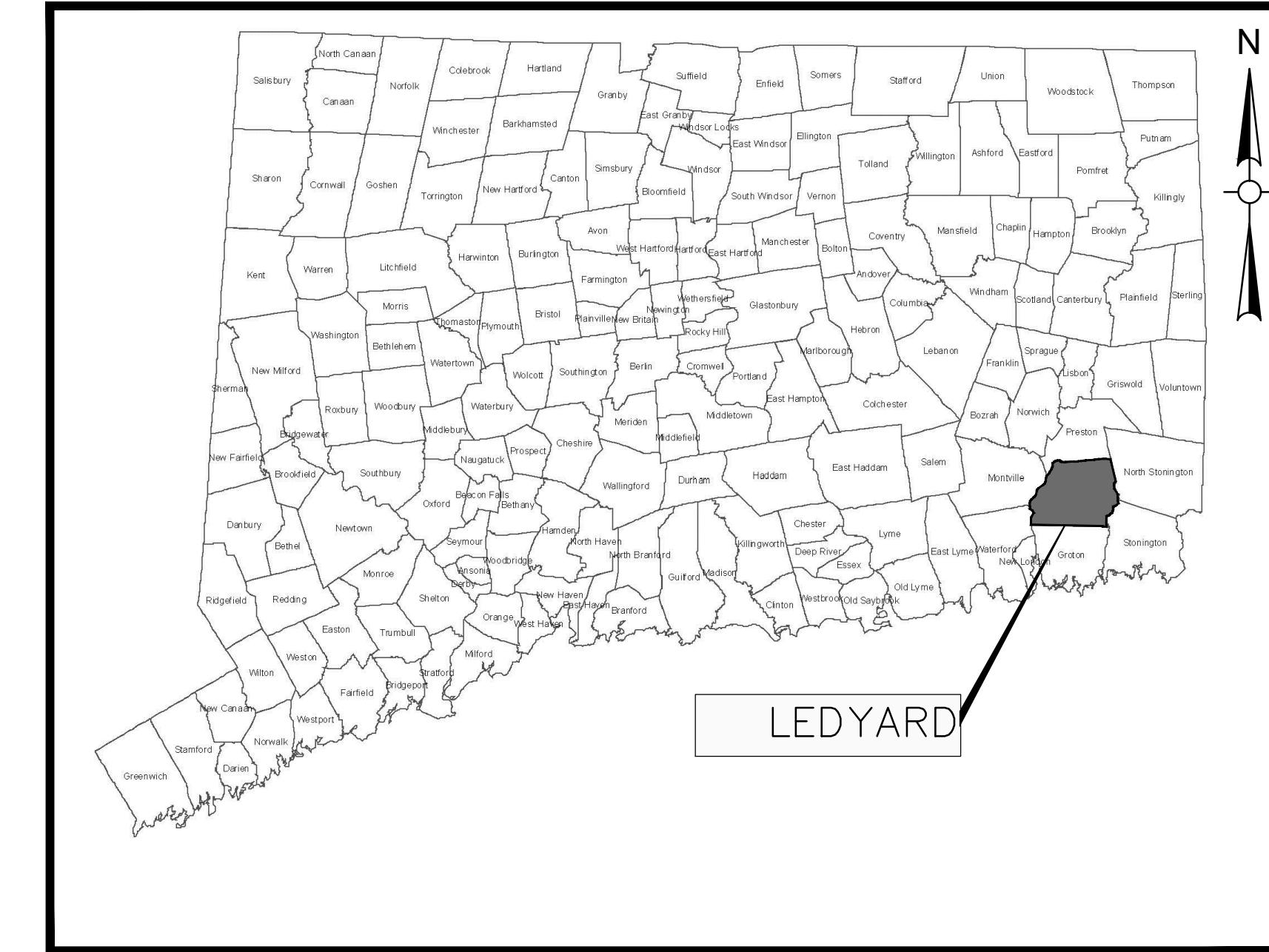
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	CTDOT TRAFFIC STANDARD DRAWINGS

# TOWN OF LEDYARD, CT

## LEDYARD HIGH SCHOOL MULTI-USE PATHWAY AND SIDEWALK EXTENSION

L171-0001



TOWN LOCATION MAP  
SCALE: N.T.S.

PROJECT SPECIFICATIONS:  
CONNECTICUT DEPARTMENT OF  
TRANSPORTATION, STANDARD SPECIFICATIONS  
FOR ROADS, BRIDGES, FACILITIES AND  
INCIDENTAL CONSTRUCTION, FORM 818, DATED  
2020; AND SPECIAL PROVISIONS

SURVEY INFORMATION DERIVED FROM:  
WESTON & SAMPSON LAND SURVEYORS, INC.

VERTICAL DATUM - NAVD88  
HORIZONTAL DATUM - NAD83

DESIGNED BY:  
WESTON & SAMPSON ENGINEERS, INC.  
712 BROOK STREET, SUITE 103  
ROCKY HILL, CT 06067

CT. LIC. NO. XXXXX

MARCH 15, 2019

Issued Date:

MAY 2023

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Rocky Hill, CT 06067

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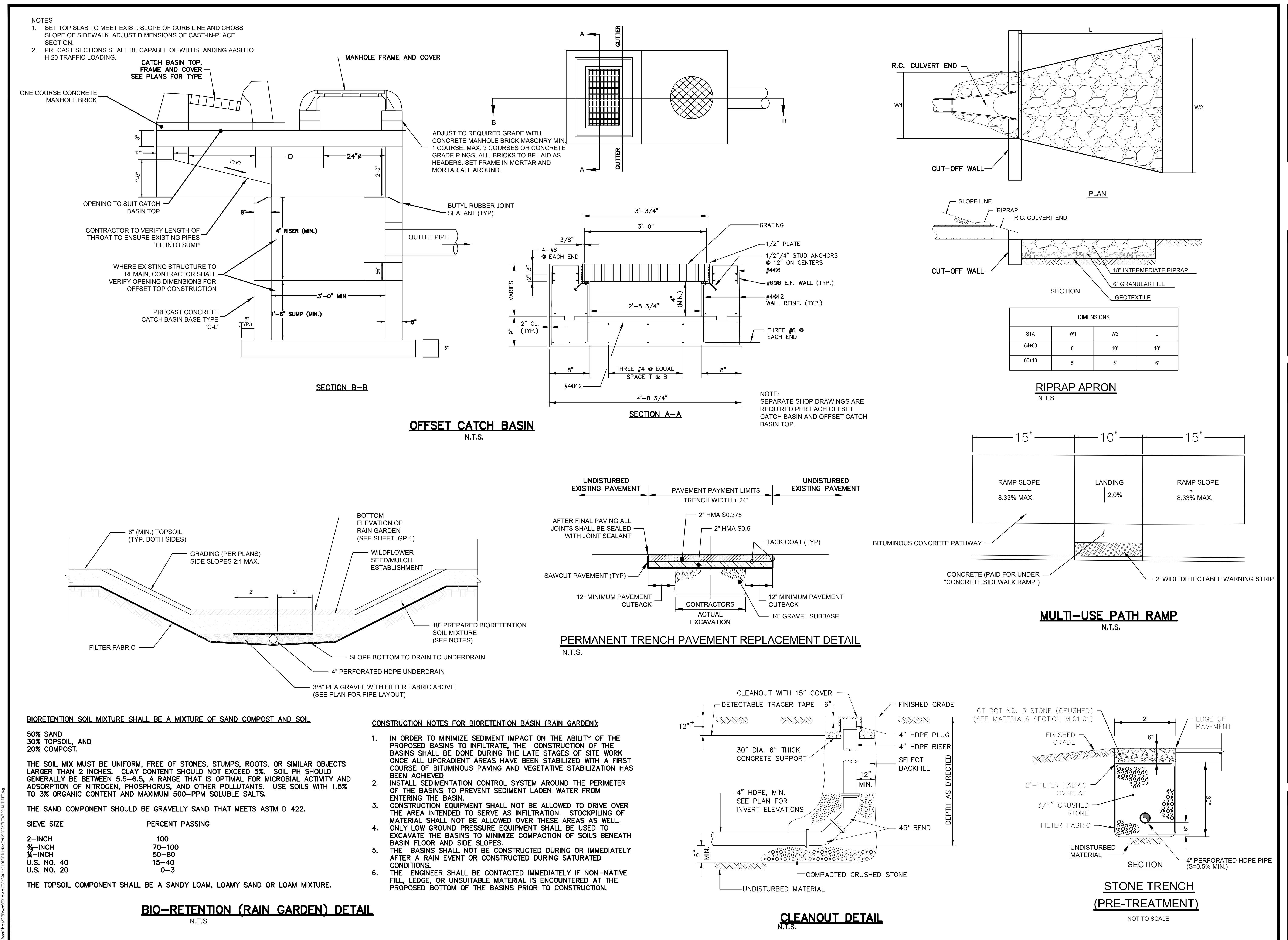
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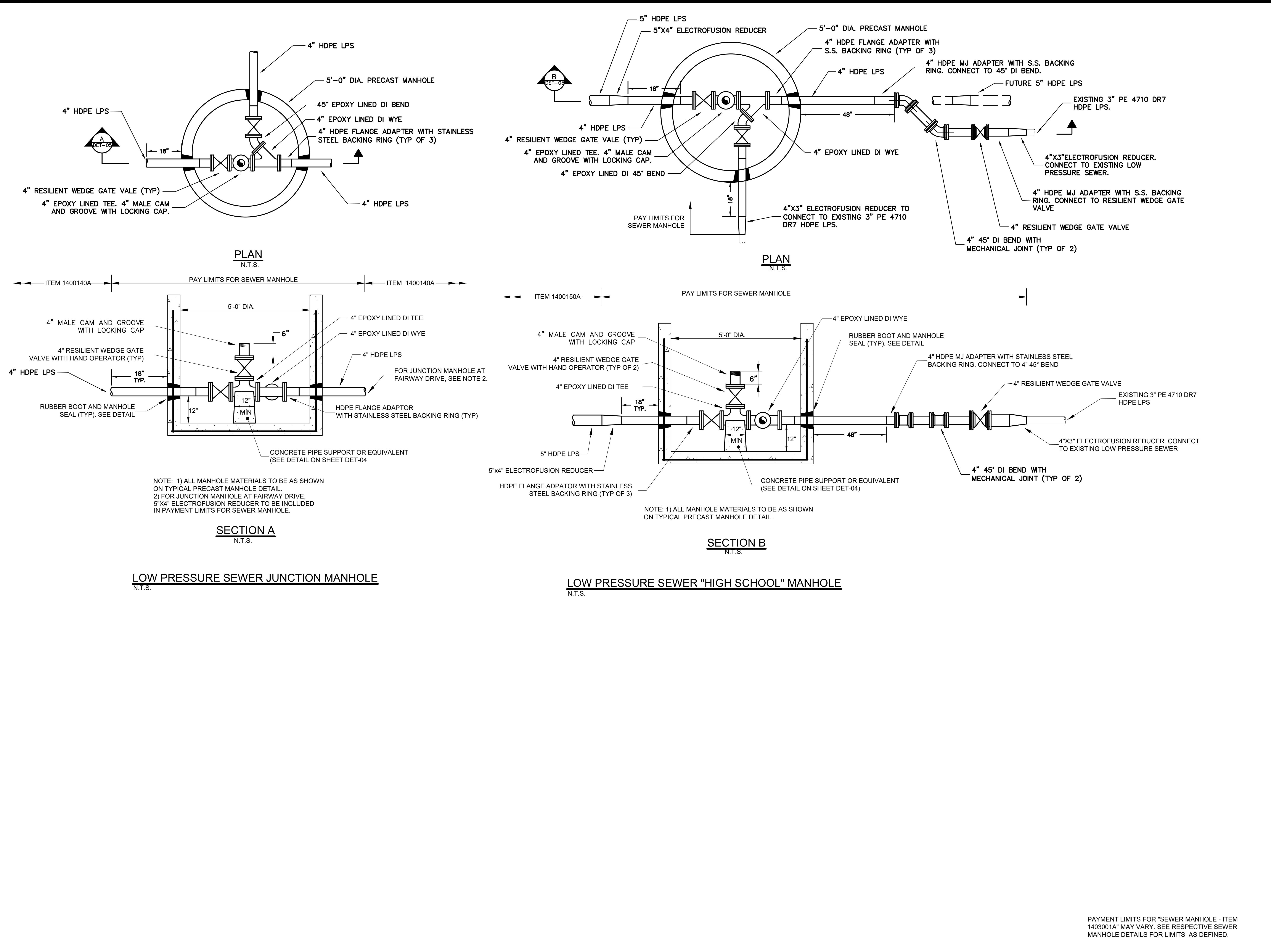














TOWN OF LEDYARD, CT

11/25

DYARD HIGH SCHOOL  
ULTI-USE PATHWAY &  
IDEWALK EXTENSION  
L171-0001

111 NEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

ton & Sampson Engineers, Inc.  
12 Brook Street, Suite 103  
Rocky Hill, CT 06067  
00 800.SAMPS  
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MAY 2023

NSD

By: RC

By: MJJ

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ct No.: ENG20-1119

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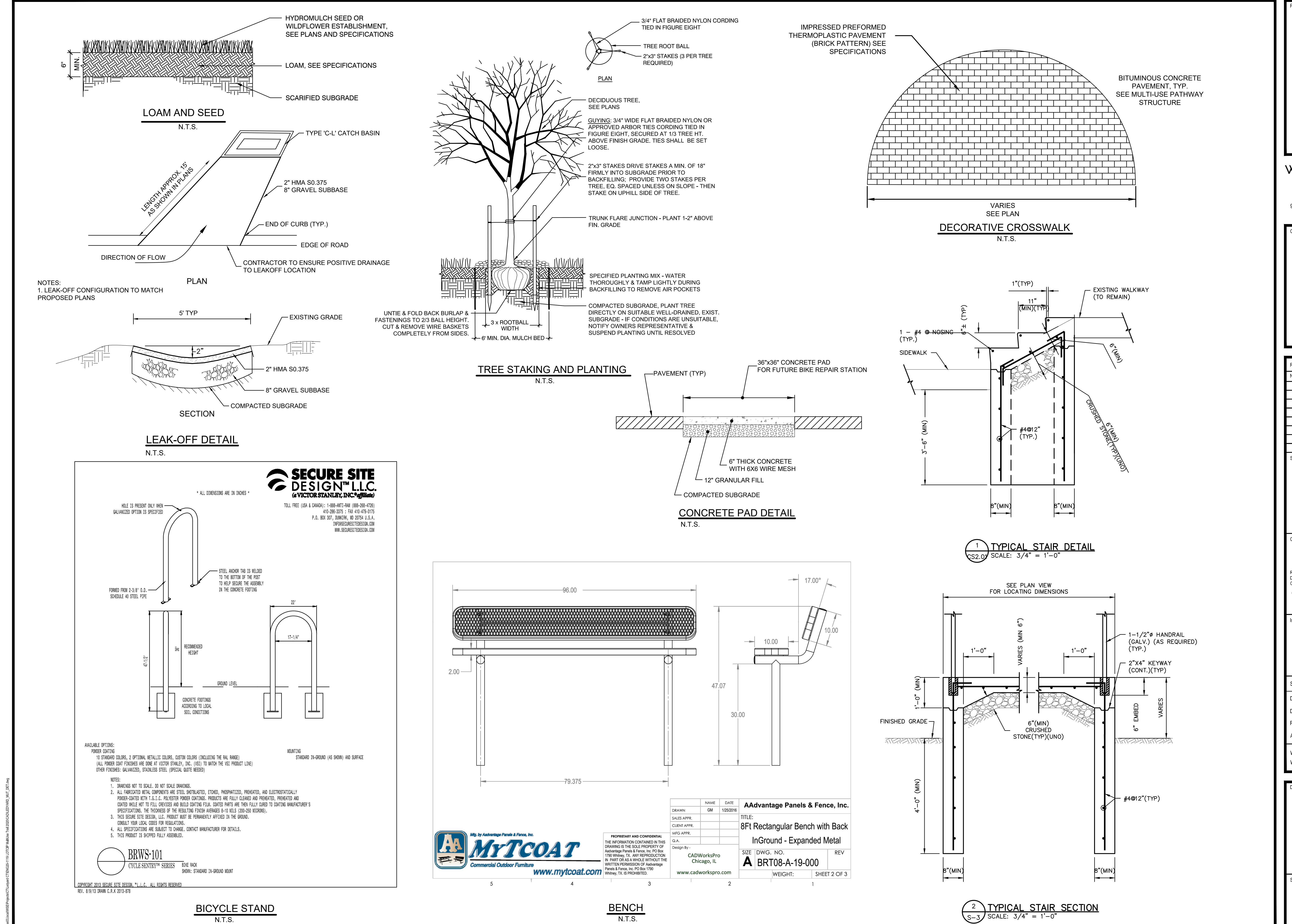
# LANDSCAPE DETAILS

er:

DET-06

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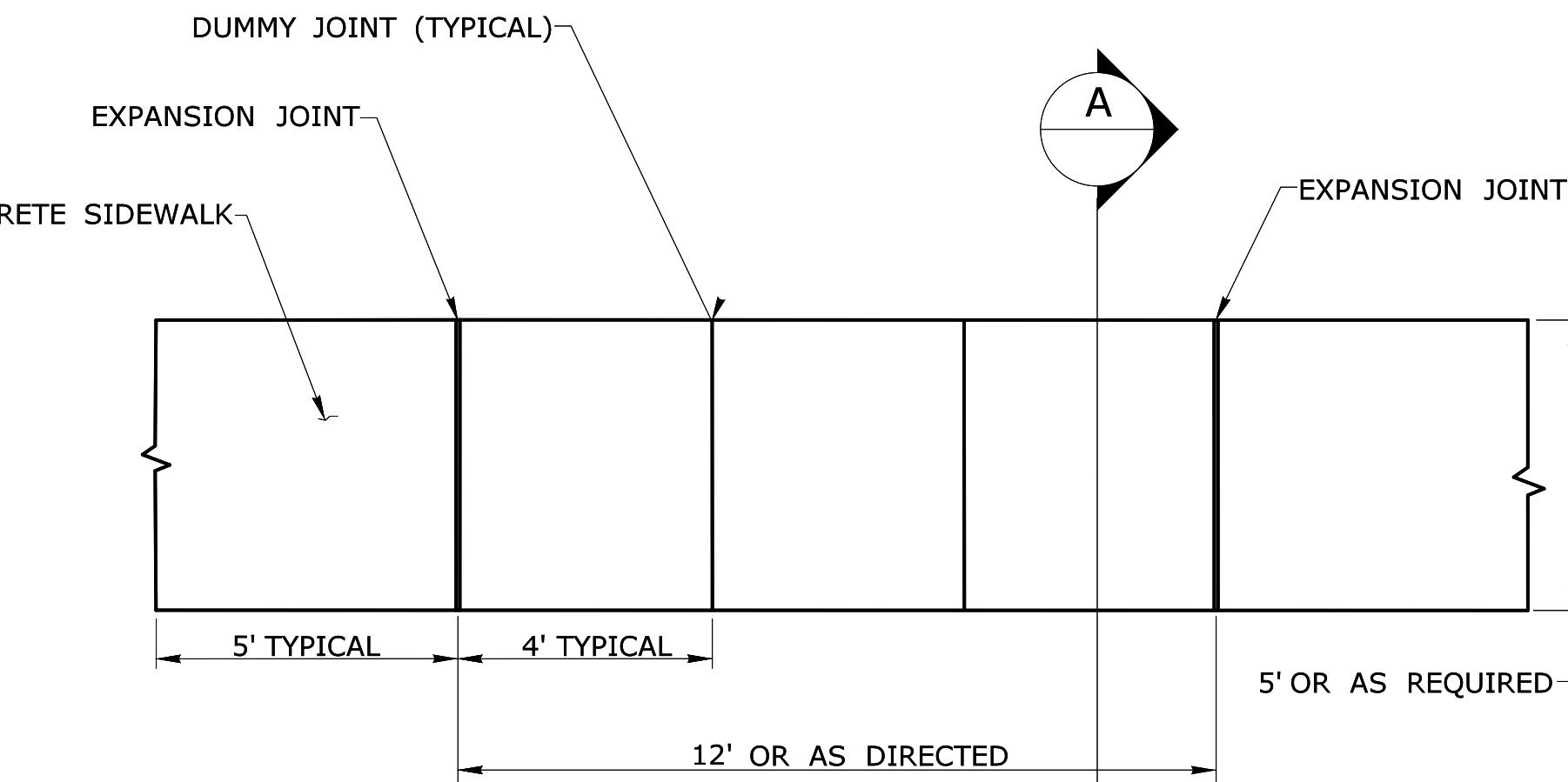
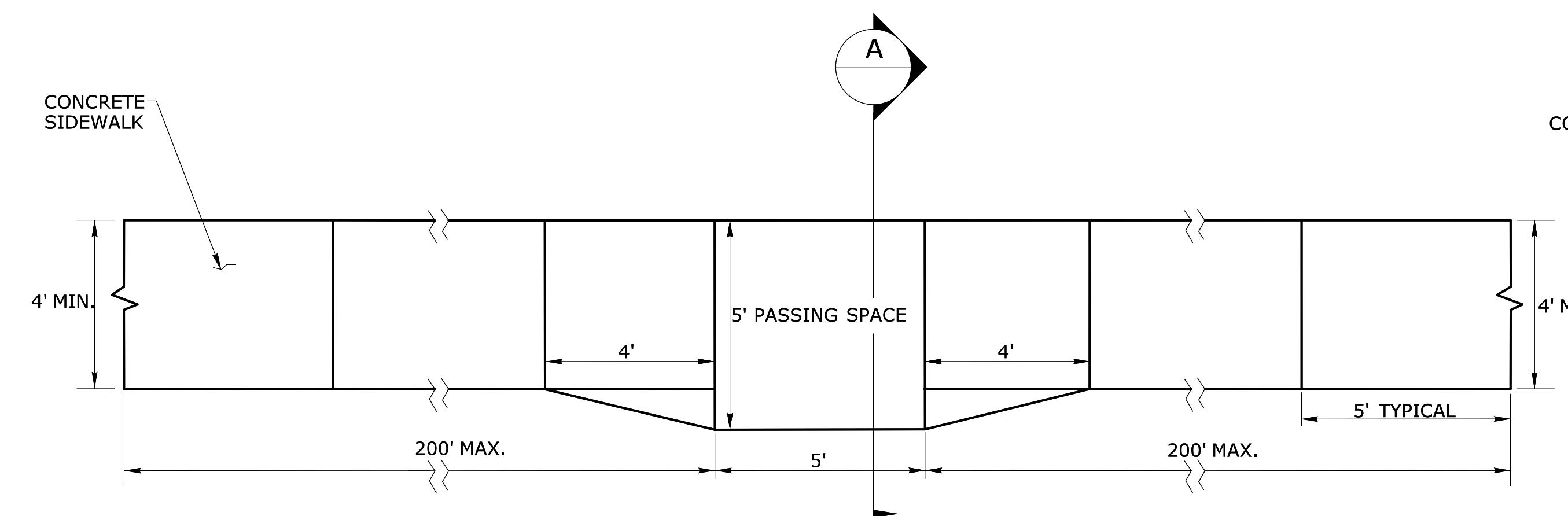
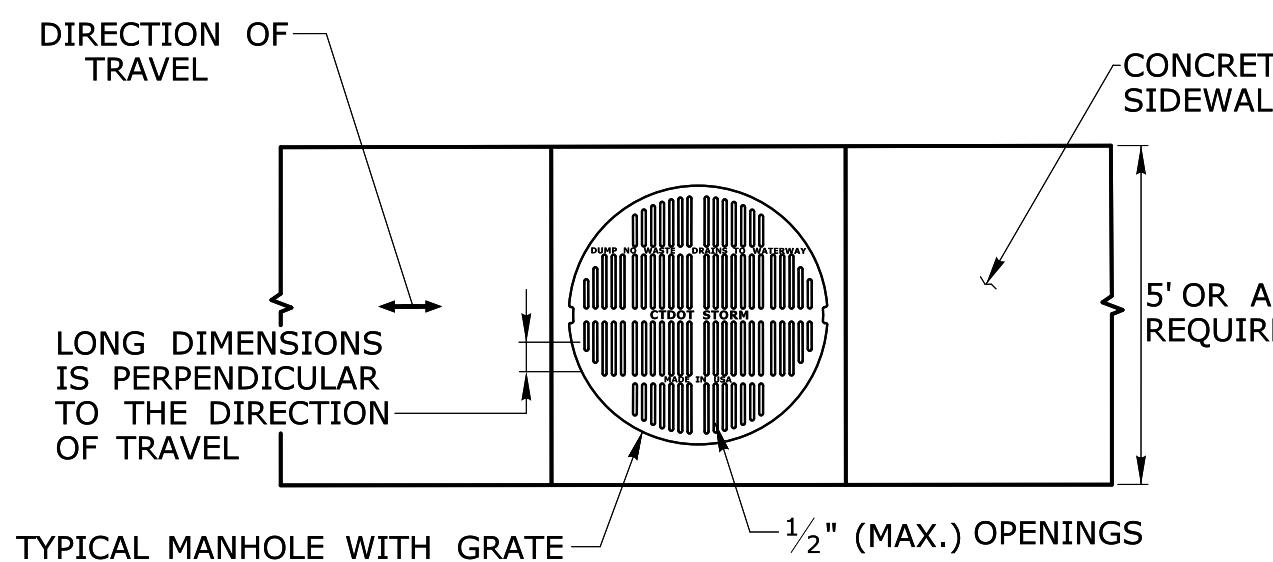
Page 1 of 1





**GENERAL NOTES:**

1. SEE CONCRETE SIDEWALK RAMPS GUIDE SHEETS FOR PEDESTRIAN RAMP TYPES.
2. ALL CURBING SHALL BE INSTALLED AS EITHER PRECAST OR CAST IN PLACE AS DIRECTED.



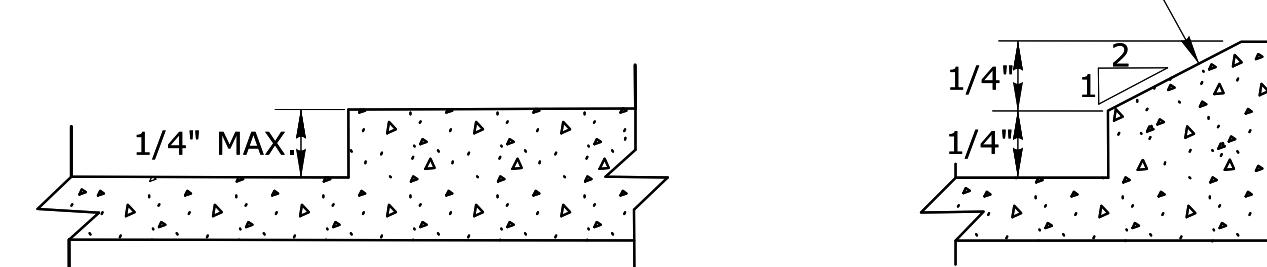
**PEDESTRIAN ACCESS ROUTE  
OVER A MANHOLE WITH GRATE**

1. HORIZONTAL OPENINGS IN GRATES AND JOINTS MUST NOT BE MORE THAN  $\frac{1}{2}$  INCH
2. ELONGATED OPENINGS IN GRATES MUST BE PLACED SO THAT THE LONG DIMENSION IS PERPENDICULAR TO THE DIRECTION OF TRAVEL

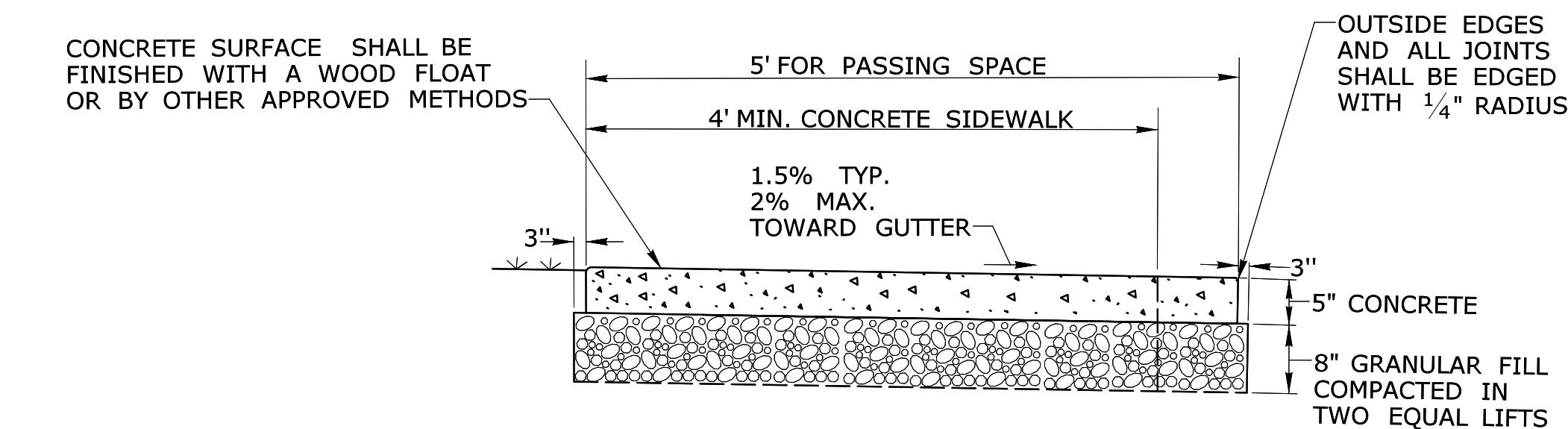
**5' PASSING SPACE FOR 4' WIDE SIDEWALK  
PLAN**

PASSING SPACES SHALL BE PROVIDED AT INTERVALS OF 200' MAXIMUM FOR SIDEWALKS LESS THAN 5' IN WIDTH

**5' WIDE SIDEWALK  
PLAN**



**VERTICAL SURFACE DISCONTINUITIES**  
VERTICAL SURFACE DISCONTINUITIES MUST BE BEVELED TO A HEIGHT NOT GREATER THAN  $\frac{1}{4}$  INCH. THE BEVEL MUST BE THE ENTIRE WIDTH OF THE DISCONTINUITY.



**5' PASSING SPACE FOR 4' WIDE SIDEWALK**

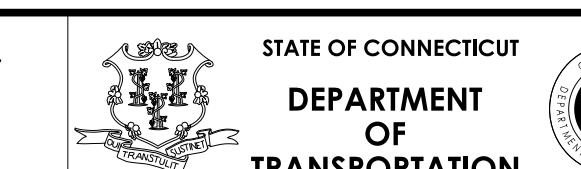
**SECTION A**

DESIGNER/DRAFTER:	CHECKED BY:
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SIGNATURE/  
BLOCK:

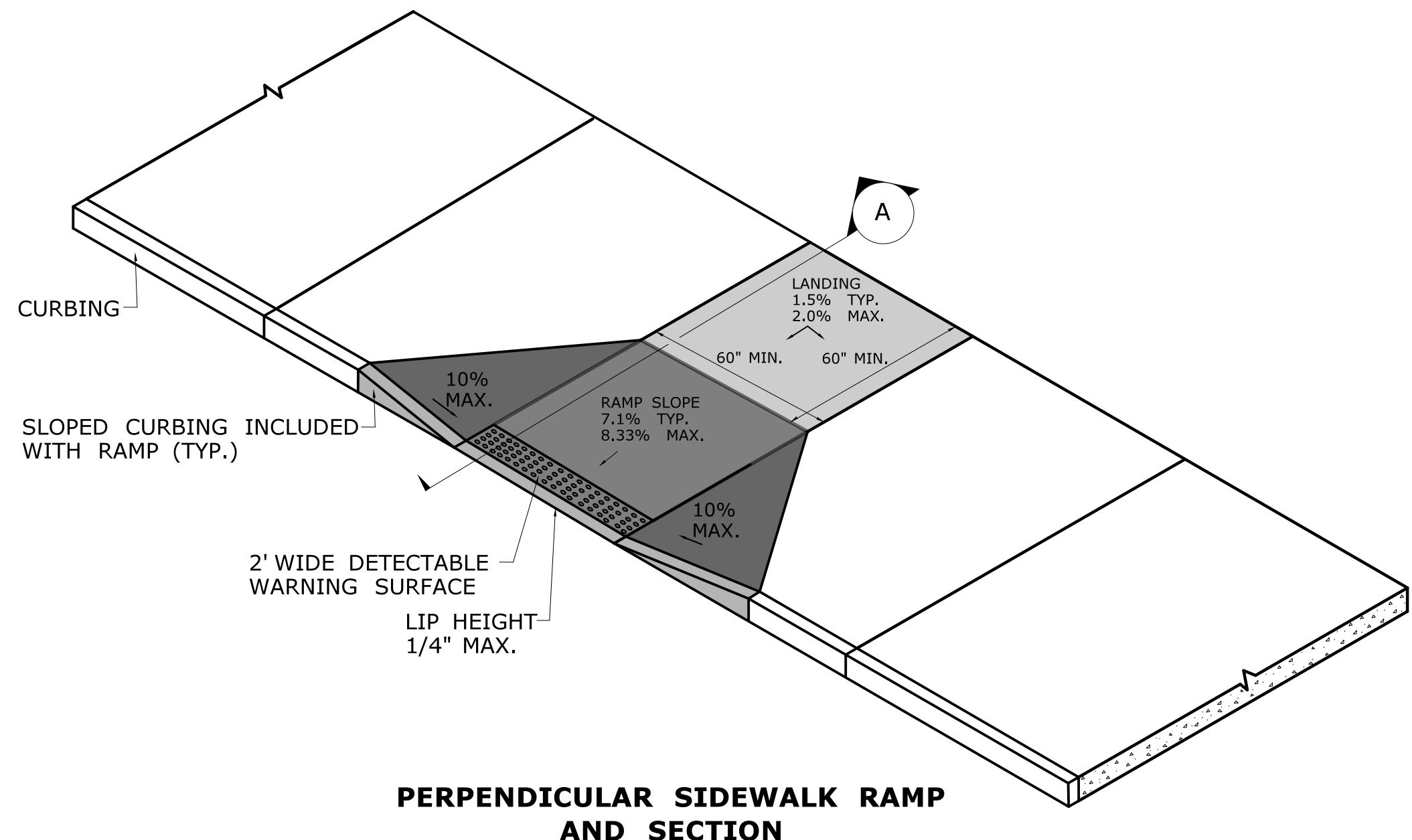
APPROVED BY:

OFFICE OF ENGINEERING  
2800 BERLIN TURNPIKE  
NEWINGTON, CT 06111

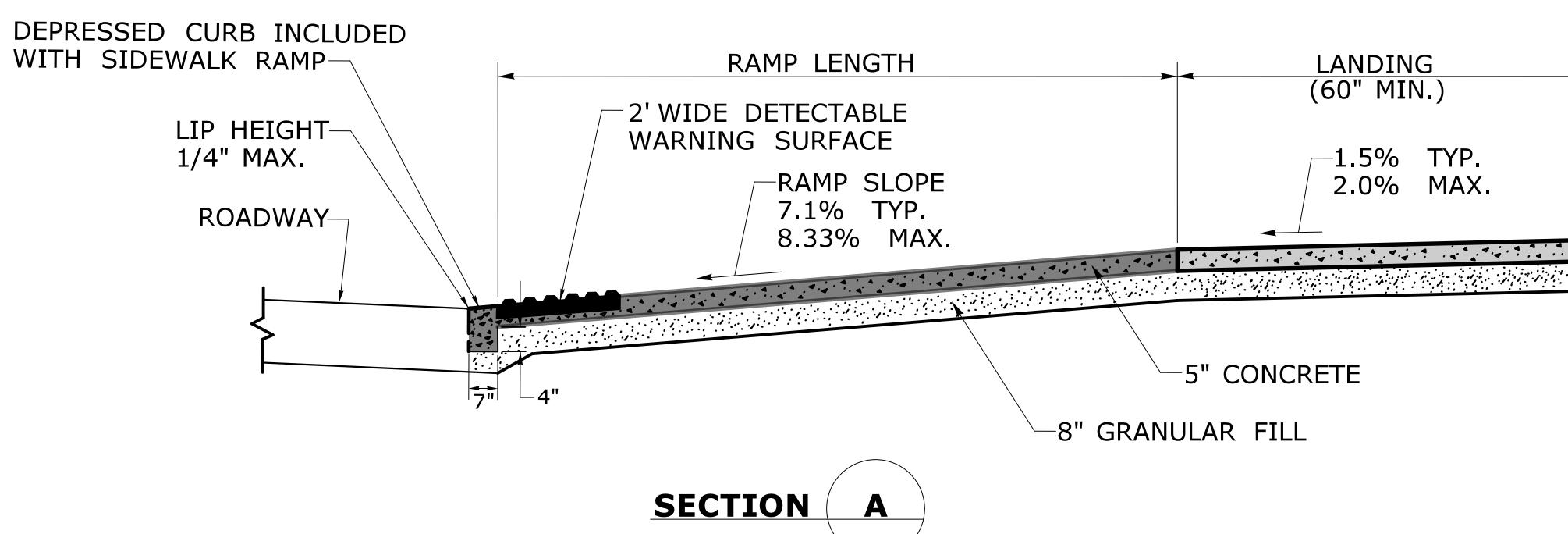


PROJECT NUMBER: L171-0001  
PROJECT DESCRIPTION: LEDYARD HIGH SCHOOL MULTI-USE PATHWAY AND SIDEWALK EXTENSION  
TOWN(S): LEDYARD  
DRAWING TITLE: CONCRETE SIDEWALKS AND RAMPS

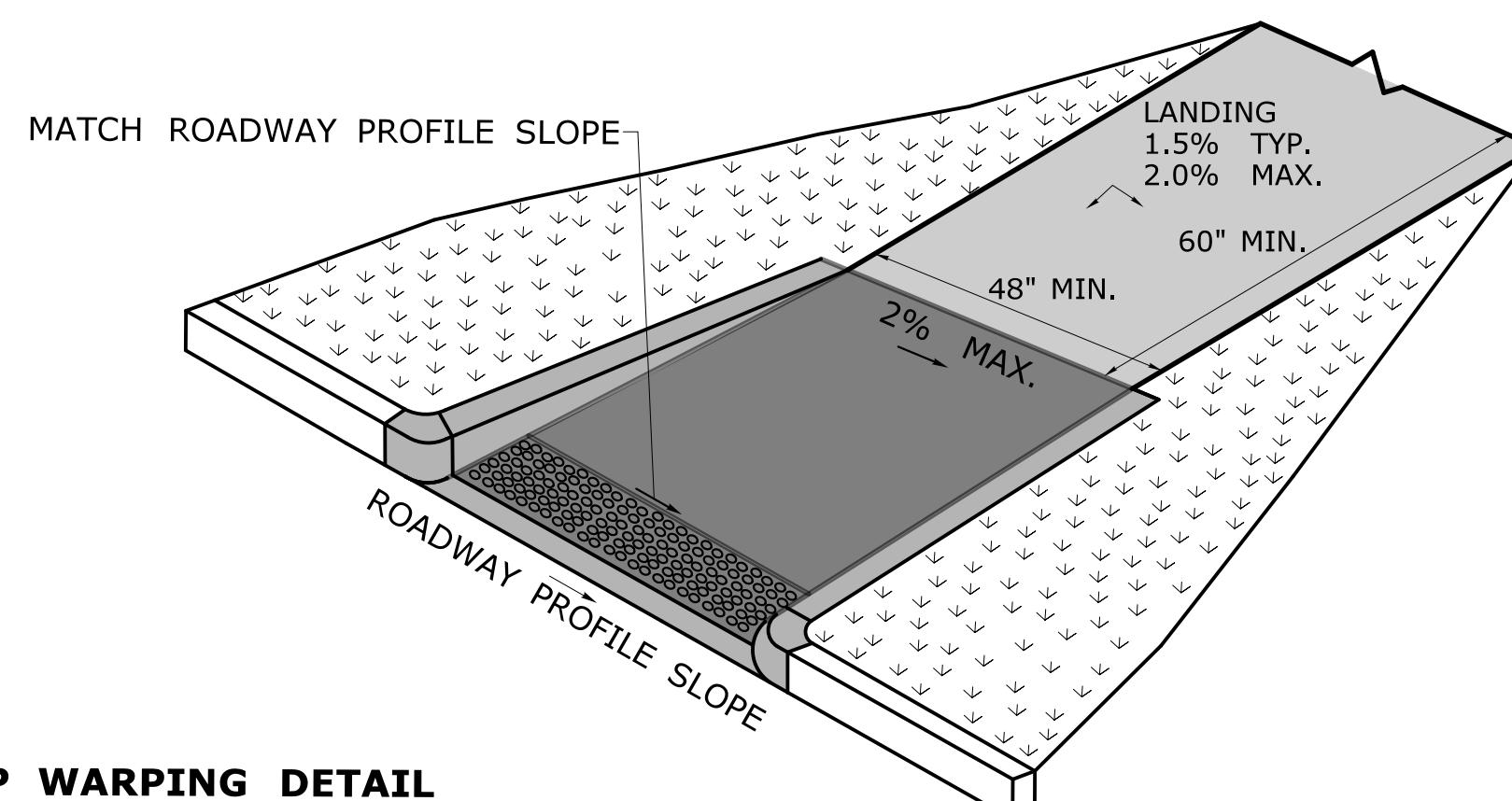
DRAWING NO.  
DET-08  
SHEET NO.



PERPENDICULAR SIDEWALK RAMP  
AND SECTION



SECTION A

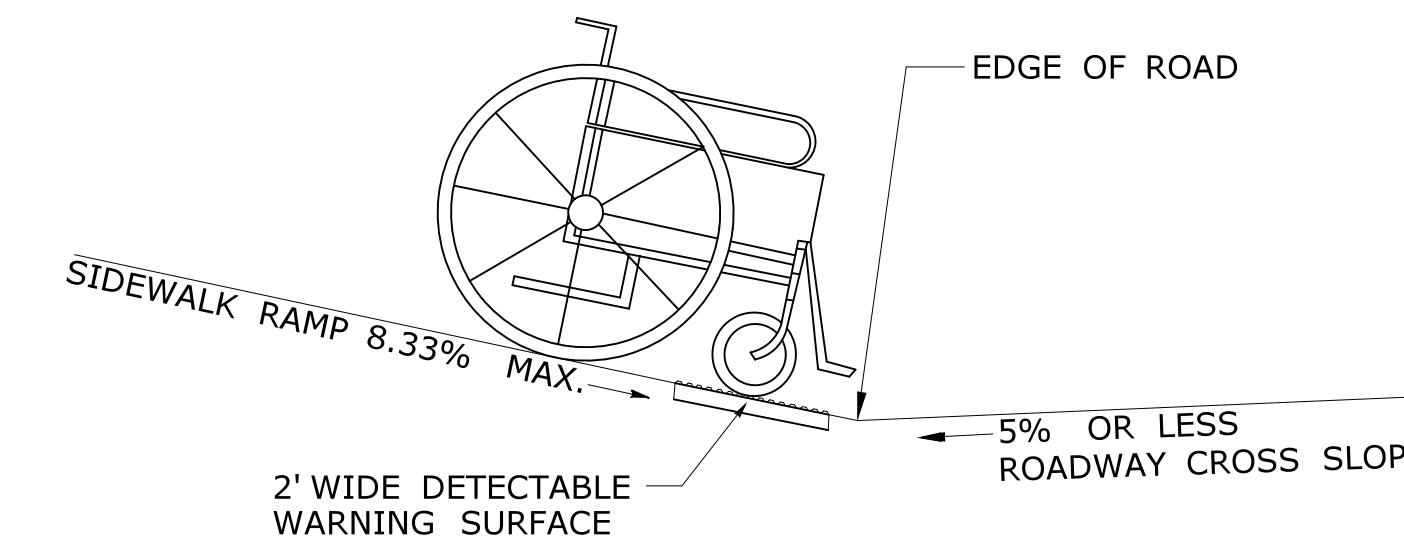


RAMP WARPING DETAIL

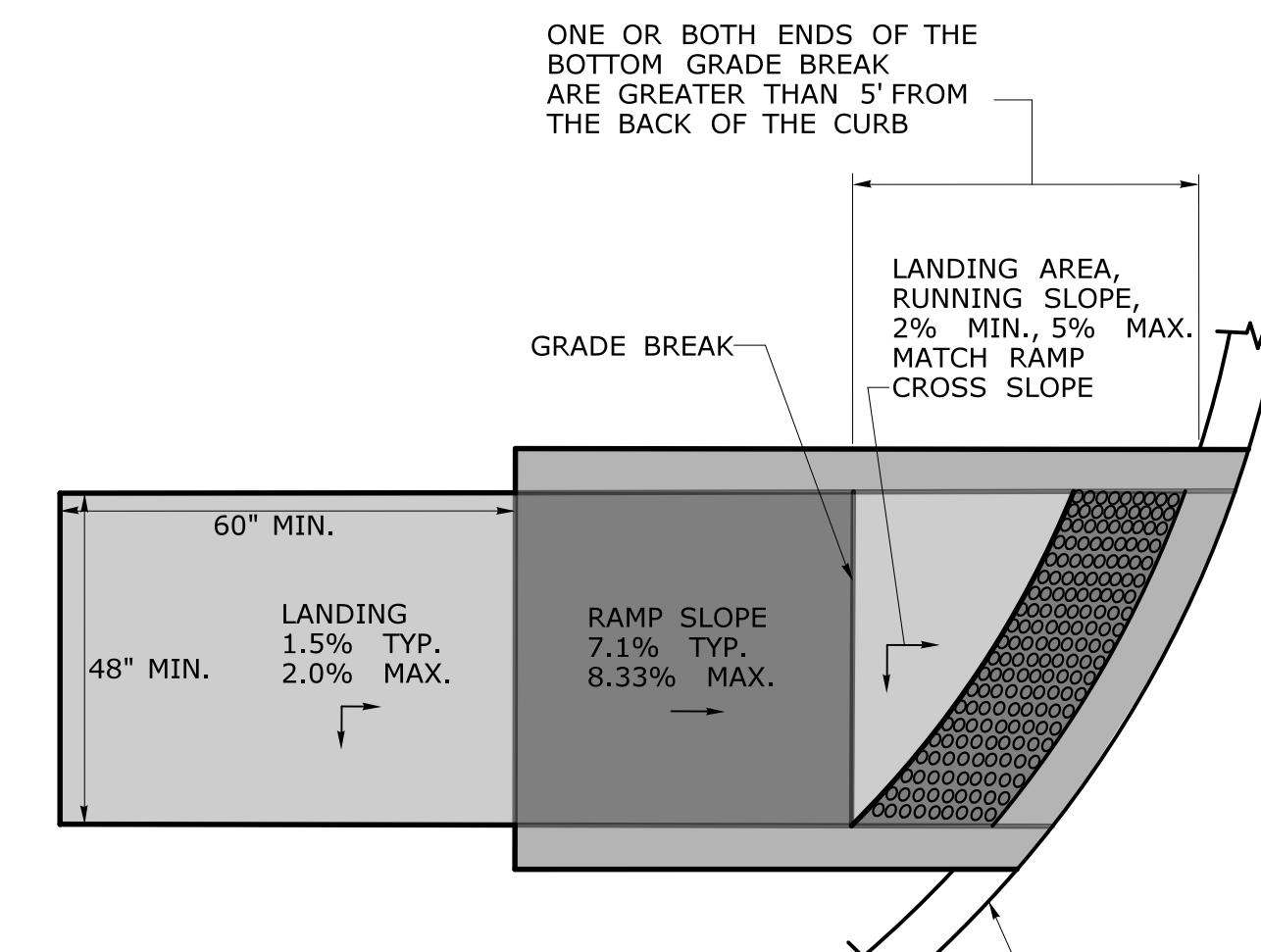
1. TRANSITION SIDEWALK RAMP TO MATCH ROADWAY PROFILE AS GRADUALLY AS POSSIBLE. DO NOT EXCEED 3 % PER FOOT CROSS SLOPE RATE OF CHANGE WHEN TRANSITIONING TO ROADWAY PROFILE.
2. COMPLETE TRANSITION TO ROADWAY PROFILE BEHIND DETECTABLE WARNING SURFACE.

**GENERAL NOTES:**

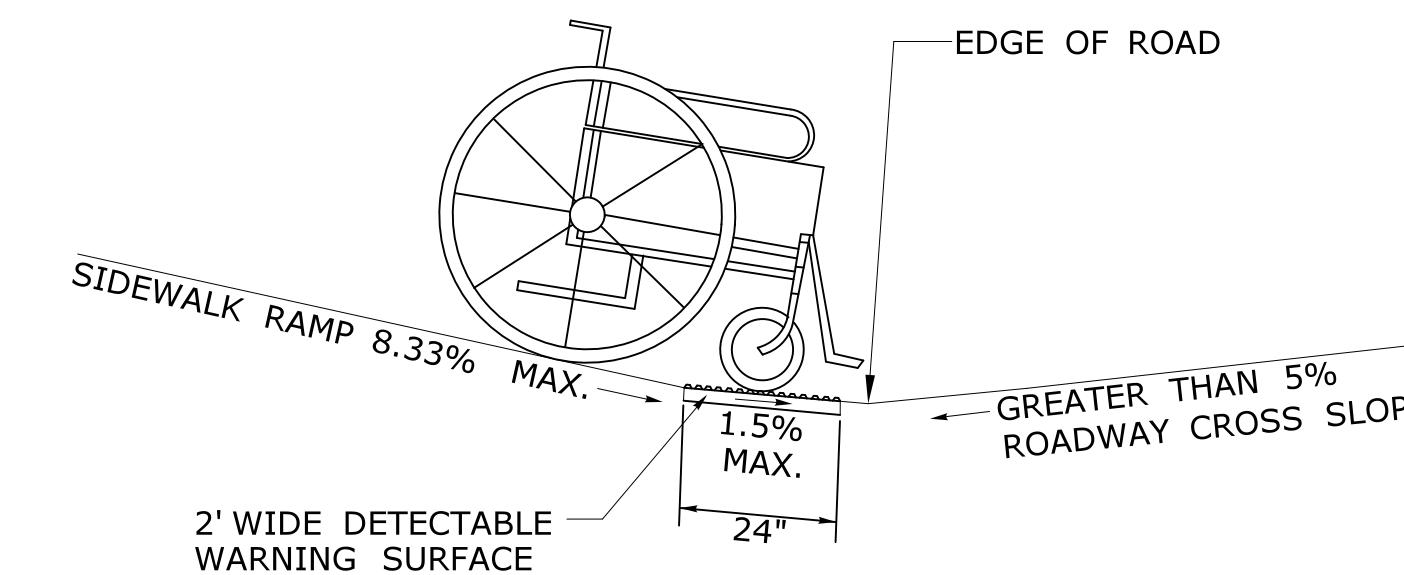
1. SIDEWALK RAMPS SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP.
2. VERTICAL SURFACE DISCONTINUITIES AT JOINTS SHALL NOT EXCEED  $\frac{1}{4}$  INCH.
3. REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION OR CONTRACTION JOINT.
4. THE RUNNING SLOPE OF THE CURB RAMP SHALL BE 8.33 PERCENT MAXIMUM BUT SHALL NOT REQUIRE THE RAMP LENGTH TO EXCEED 15 FEET.



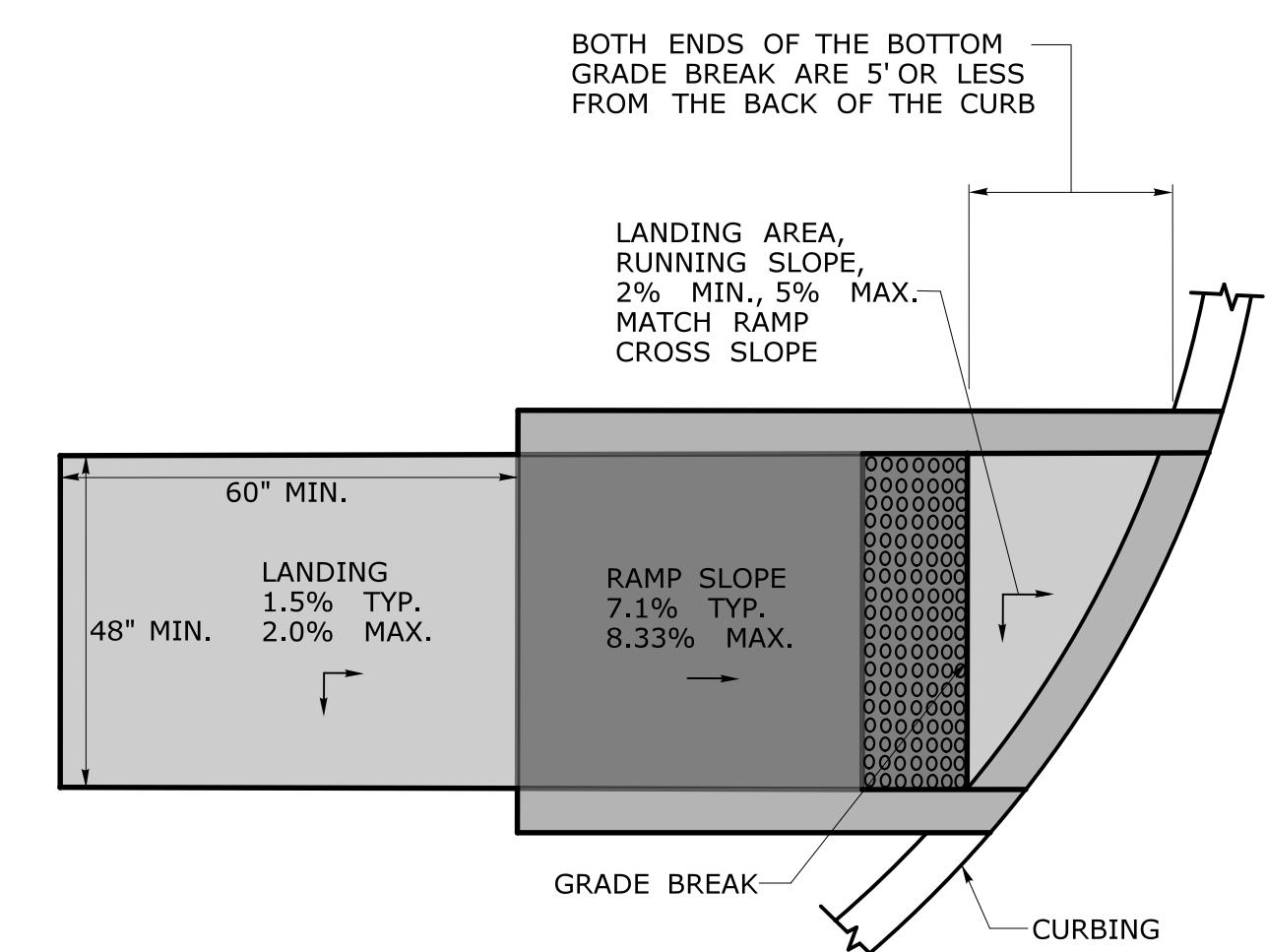
SIDEWALK RAMP GRADE AT  
ROADWAY CROSS SLOPE OF 5% OR LESS  
GUTTER COUNTER SLOPE



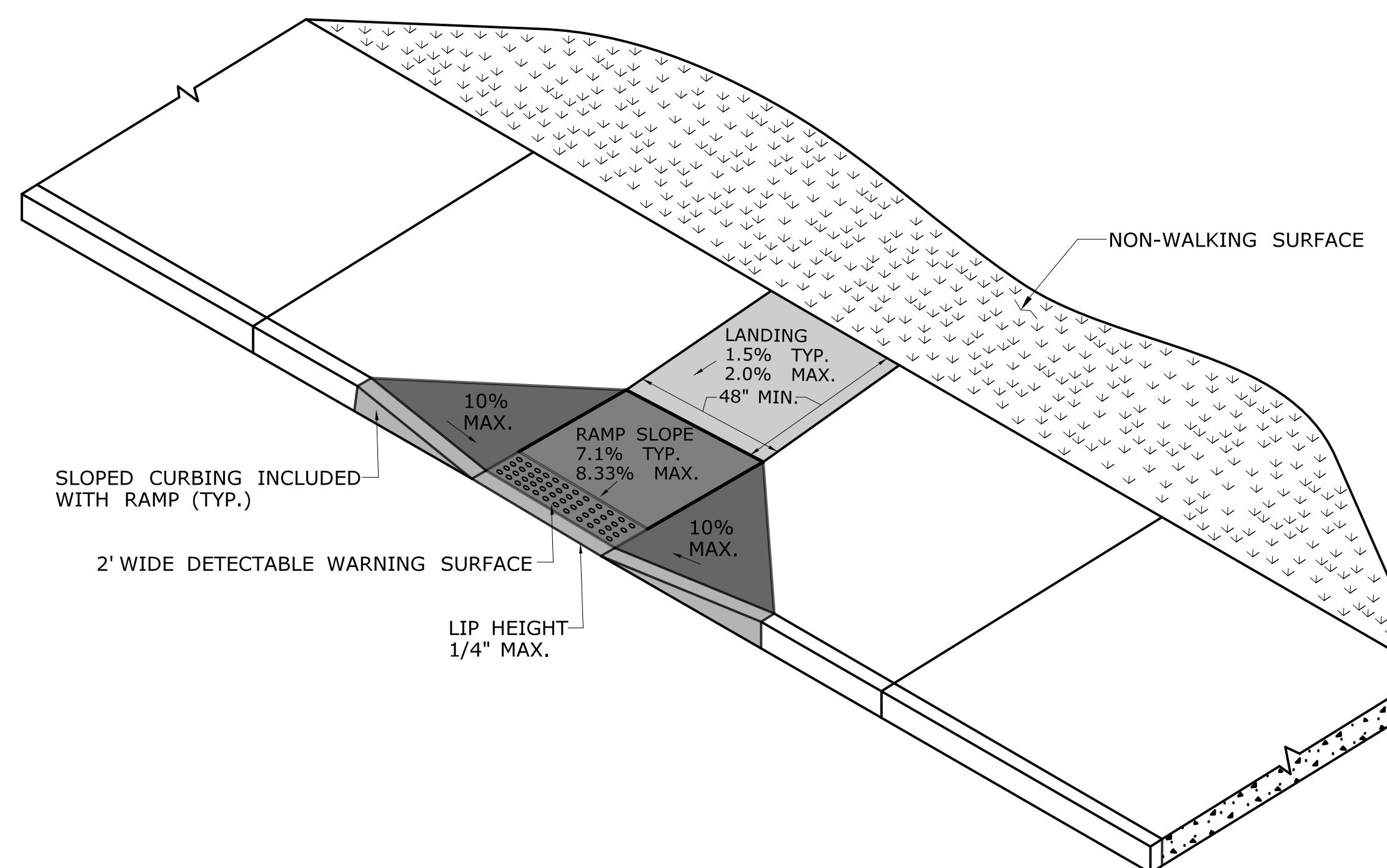
GRADE BREAK GREATER THAN 5'  
DETECTABLE WARNING SURFACE LOCATION



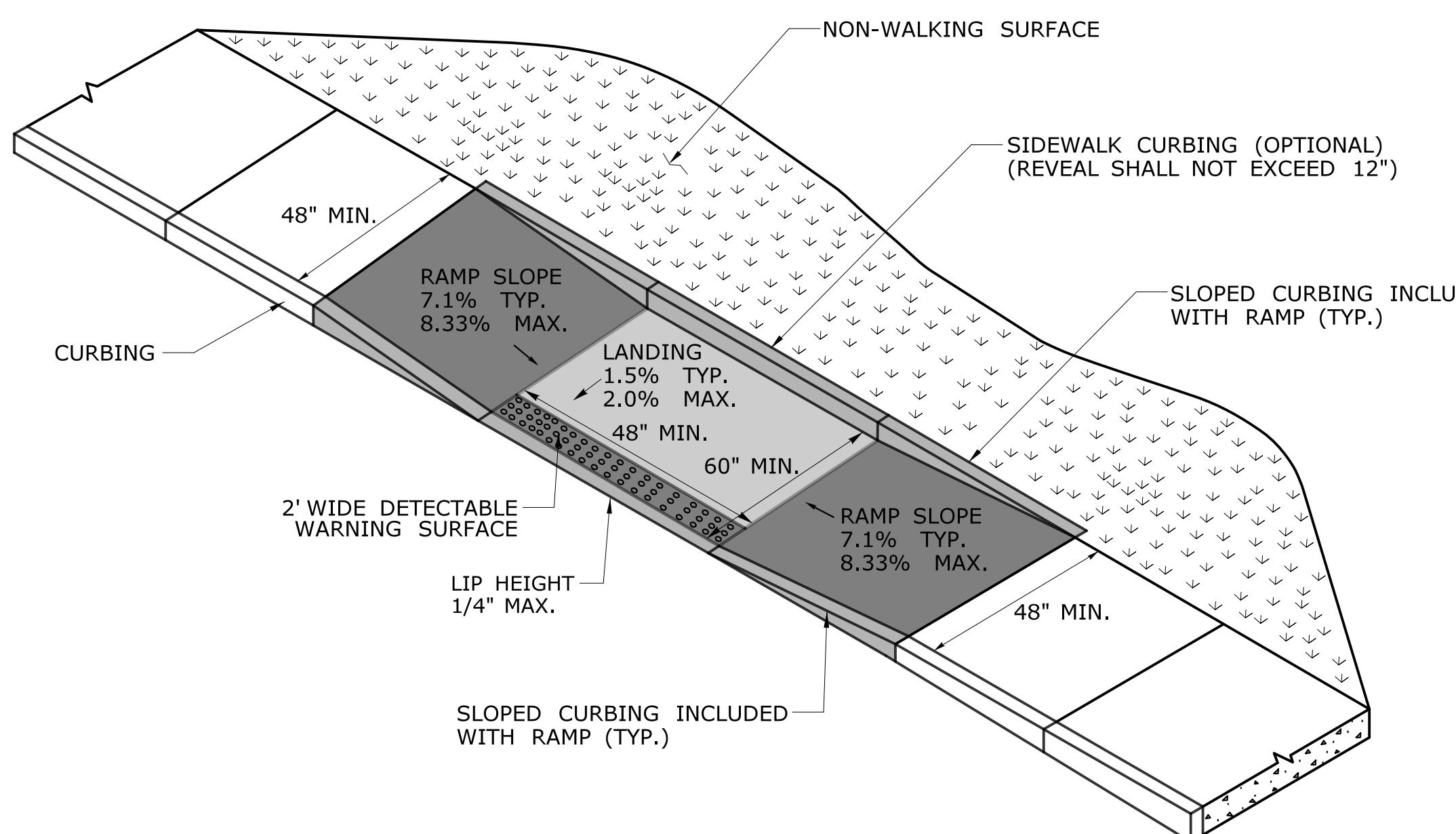
SIDEWALK RAMP GRADE AT  
ROADWAY CROSS SLOPE OF GREATER THAN 5%  
GUTTER COUNTER SLOPE



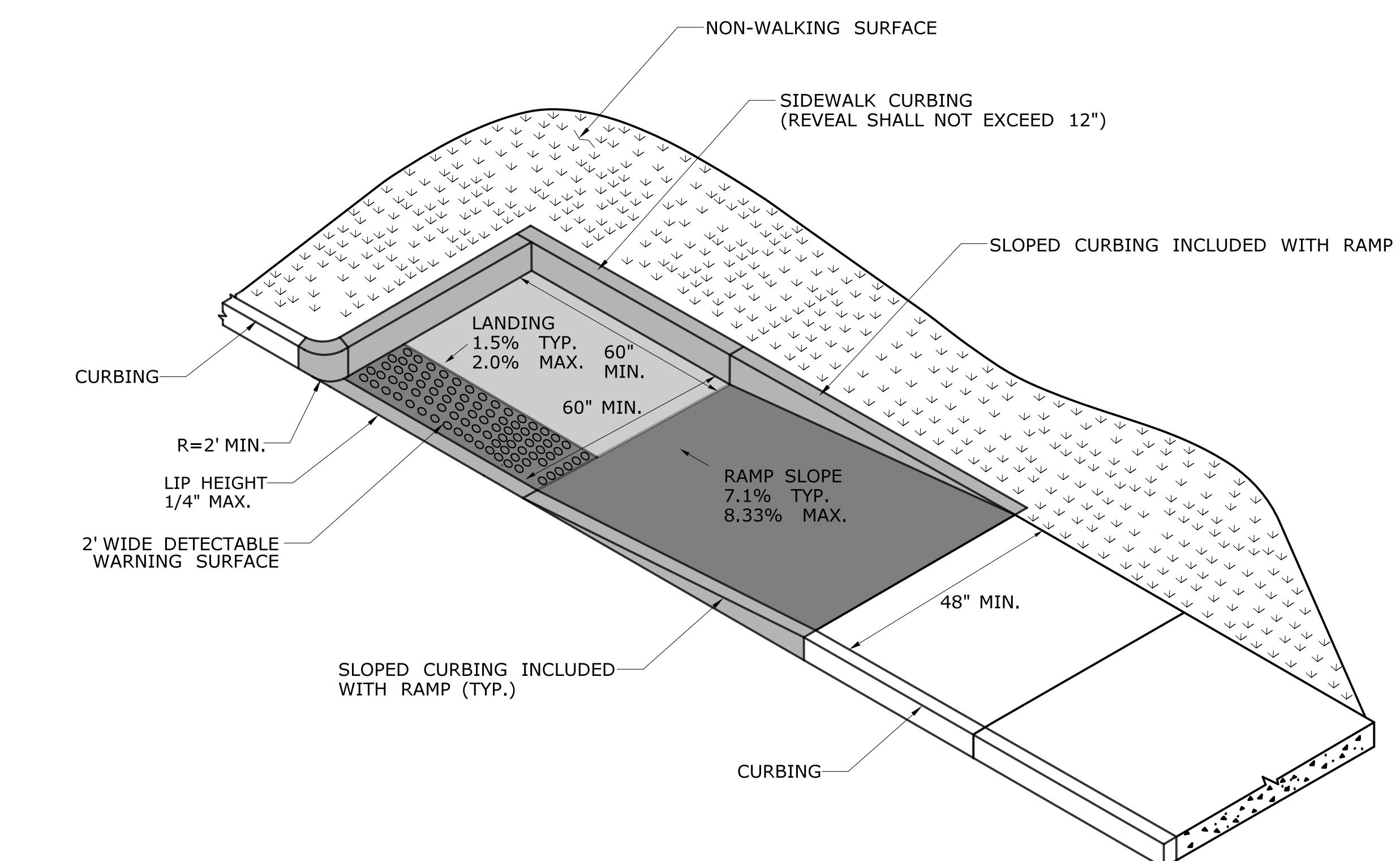
GRADE BREAK OF 5' OR LESS  
DETECTABLE WARNING SURFACE LOCATION



# **PERPENDICULAR RA WITH 48" BY-PASS (TYPE 8)**

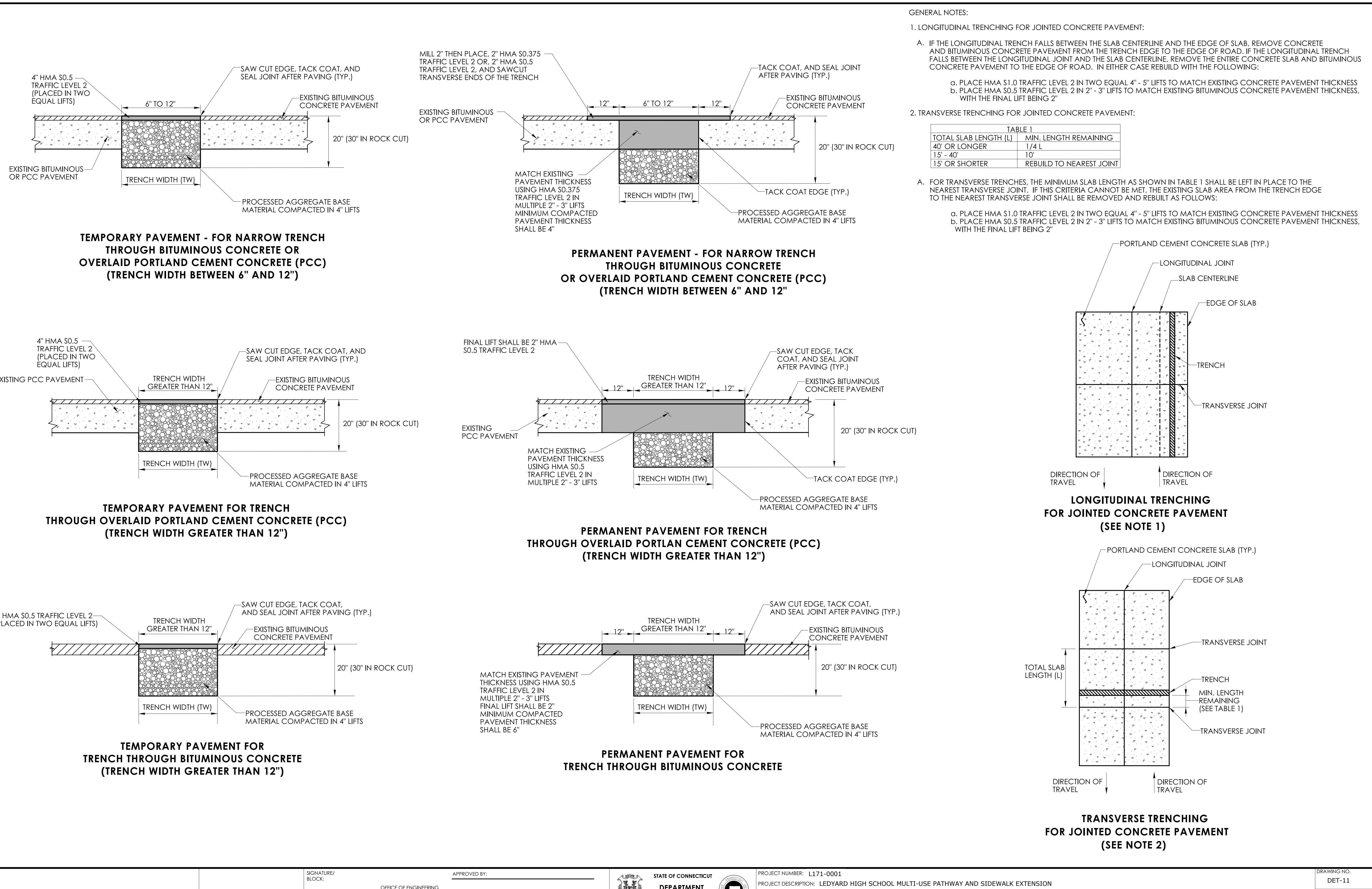


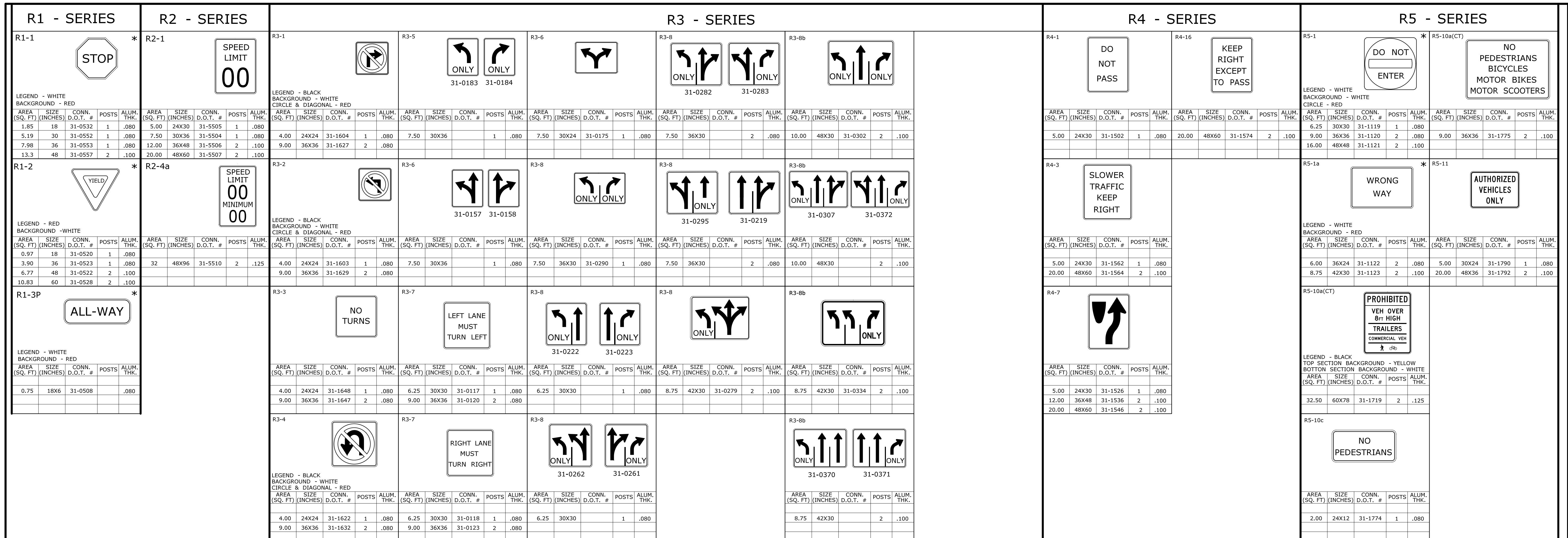
# **PARALLEL RAMP WITHOUT NON-WALKING SURFACE (TYPE 9)**



## **PARALLEL RAMP WITH LANDING AT BOTTOM ON CORNER (TYPE 10)**

DESIGNER/DRAFTER:	CHECKED BY:	SIGNATURE/ BLOCK:  OFFICE OF ENGINEERING 2800 BERLIN TURNPIKE NEWINGTON, CT 06111	APPROVED BY:  STATE OF CONNECTICUT <b>DEPARTMENT OF TRANSPORTATION</b> 	PROJECT NUMBER: 1710-001 PROJECT DESCRIPTION: LEDYARD HIGH SCHOOL MULTI-USE PATHWAY AND SIDEWALK EXTENSION TOWN(S): LEDYARD DRAWING TITLE: CONCRETE SIDEWALK RAMPSHEET 4	DRAWING NO. DET-1 SHEET NO.
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## NOTES:

1. FOR SPECIFIC SIGN DESIGN CONTACT CONN. D.O.T., DIVISION OF TRAFFIC ENGINEERING.  
FOR BOLT HOLE PATTERN REFER TO FHWA PUBLICATION "STANDARD HIGHWAY SIGNS".  
SIGNS OF DIFFERENT DIMENSIONS TO BE ERECTED ON THE SAME POSTS, OR SPAN/MAST ARM MOUNTED,  
MAY REQUIRE SPECIAL BOLT HOLE PATTERNS.
2. POSTS - SEE STANDARD SHEET TR-1208-02 - "METAL SIGN POSTS AND SIGN MOUNTING DETAILS."
3. POSTS SHALL BE 4 LBS./FT.
4. SIGNS SHALL BE FABRICATED OF ONE CONTINUOUS PIECE OF SHEET ALUMINUM.  
SPLICING OF SHEET ALUMINUM WILL NOT BE ACCEPTED

## COLORS:

D - SERIES  
D1, 2, 3, 4, 10 BACKGROUND-GREEN, LEGEND-WHITE  
D7, RS BACKGROUND-BROWN, LEGEND-WHITE  
D9 BACKGROUND-BLUE, LEGEND-WHITE  
ALL OTHER D-SERIES AS NOTED  
E - SERIES  
I - SERIES  
BACKGROUND-GREEN, LEGEND-WHITE  
(EXCEPT AS NOTED)  
M2 - M6 SERIES  
(1) BACKGROUND-BLUE, LEGEND-WHITE  
(2) BACKGROUND-WHITE, LEGEND-BLACK

ALL SIGNS TO USE TYPE XI RETROREFLECTIVE SHEETING WITH THE EXCEPTION OF SIDE MOUNTED SIGNS WITH WHITE BACKGROUND WHICH SHALL BE TYPE IX RETROREFLECTIVE SHEETING.



## OWN OF LEDYARD, CT

EDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION  
L171-0001

COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

ston & Sampson Engineers, Inc.  
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6:

Category	Description
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10 of 10 pages

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MAY 2023

NSD

By: RC

By: MJJ

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ect No.: ENG20-1119

No :

## Multi-Use Pathways and Sidewalks Typical Section

ber:

# TYP-01

10 of 10 pages

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APPROX. R.O.W.

2:1 TYP.

2'

5'

SIDEWALK AND CURB

$\frac{1}{4}''/\text{FT.}$

FILL

2' FULL DEPTH RECONSTRUCTION

EXISTING ROADWAY

COLONEL LEDYARD HIGHWAY - ROUTE 117

CONCRETE SIDEWALK

APPROX. R.O.W.

2' FULL DEPTH RECONSTRUCTION

SIDEWALK AND CURB

CUT

1' 5'

$\frac{1}{4}''/\text{FT.}$

EXISTING ROADWAY

2:1 TYP.

13 14 15 16 5 17

COLONEL LEDYARD HIGHWAY  
CONCRETE SIDEWALK

Detailed description: This technical cross-section diagram illustrates the reconstruction of a concrete sidewalk on Colonel Ledyard Highway. The vertical axis is labeled 'APPROX. R.O.W.' and the horizontal axis shows the 'EXISTING ROADWAY' with a dashed line. The new sidewalk and curb are labeled '2' FULL DEPTH RECONSTRUCTION' and 'SIDEWALK AND CURB'. A 'CUT' is shown on the left with a '2:1 TYP.' slope. The total width of the new structure is 6 feet, divided into a 1-foot 'CUT' and a 5-foot 'SIDEWALK AND CURB'. A '1/4''/FT.' arrow indicates the thickness of the new concrete. Seven callout circles (13, 14, 15, 16, 5, 17) point to various components of the sidewalk's cross-section, including the curb, concrete pavers, and subgrade. The diagram is titled 'COLONEL LEDYARD HIGHWAY CONCRETE SIDEWALK'.

START – STA. 11+00  
STA. 12+75 – STA. 13+25  
STA. 17+70 – STA. 20+00  
STA. 22+00 – STA. 24+50  
STA. 31+00 – STA. 31+80  
STA. 33+50 – STA. 37+50  
STA. 40+50 – STA. 42+00  
STA. 45+50 – STA. 47+50  
STA. 61+00 – END

The diagram shows a cross-section of a multi-use pathway. On the left, a dashed line labeled 'APPROX. R.O.W.' indicates the Right-of-Way. A slope of '6:1 TYP.' is shown with 'CUT' on the upper side and 'FILL' on the lower side. The multi-use pathway is 10' wide, with 2' shoulders and 3' center. A 2% grade is indicated. The right side shows an 'EXISTING ROADWAY' with a 'VARIES' label. Numbered circles (10, 9, 1, 2, 3, 4, 6) mark specific points along the construction line. A note on the right specifies 'NO CURB WITHIN THE FOLLOWING STATION' for stations 10+00 to 17+50, 20+00 to 21+60, 42+75 to 44+75, and 57+50 to 60+50.

APPROX. R.O.W.

CUT

FILL

6:1 TYP.

2'

10'

2%

MULTI-USE PATH

VARIES

EXISTING ROADWAY

NOTE:  
NO CURB WITHIN THE FOLLOWING STATION  
STA. 10+00 TO STA. 17+50  
STA. 20+00 TO STA. 21+60  
STA. 42+75 TO STA. 44+75  
STA. 57+50 TO STA. 60+50

10

9

1

2

3

4

6

9

9

9

MULTI-USE PATHWAY

STA. 11+50	—	STA. 12+50
STA. 13+50	—	STA. 17+50
STA. 25+00	—	STA. 30+50
STA. 32+00	—	STA. 33+20
STA. 38+00	—	STA. 40+00
STA. 42+50	—	STA. 45+00
STA. 48+00	—	STA. 51+65
STA. 56+50	—	STA. 60+50

The diagram shows a multi-use pathway represented by a thick black line. Three circular markers are placed along the line: one at station 6, one at station 9, and one at station 9. The station 6 marker is at the top right, the first station 9 marker is in the middle left, and the second station 9 marker is at the bottom left.

## LEGEND

- (1) - 1.5" HMA S0.375
- (2) - 2" HMA S0.5
- (3) - 6" PROCESSED AGGREGATE BASE
- (4) - COMPACTED SUBGRADE
- (5) - 4" PROCESSED AGGREGATE BASE
- (6) - 6" BITUMINOUS CONCRETE LIP CURBING
- (7) - 6" CONCRETE CURBING
- (8) - CONCRETE SIDEWALK
- (9) - 4" TOPSOIL AND TURF ESTABLISHMENT
- (10) - EXISTING GRADE
- (11) - RETAINING WALL
- (12) - METAL BEAM RAIL (R-B MASH)
- (13) - CONCRETE SIDEWALK
- (14) - CONCRETE CURB
- (15) - 2" HMA S0.375
- (16) - 2" HMA S0.5
- (17) - 14" SUBBASE

**NOTES:**

1. ALL CUT OR FILL SLOPES TO BE 2:1 MAX, UNLESS OTHERWISE NOTED ON THE CROSS SECTIONS OR APPROVED BY THE ENGINEER
2. CONTRACTOR TO TRANSITION CROSS SLOPE OF MULTI-USE PATHWAY AS NEEDED BETWEEN THE

The diagram shows a cross-section of a multi-use pathway. A vertical dashed line on the left is labeled "APPROX. R.O.W." (Right of Way). The total width of the multi-use path is 10', with a 2' buffer zone on the right labeled "V.A." (Variance). The pathway itself is 8' wide. A retaining wall is shown on the right side. Four parallel lines labeled 1, 2, 3, and 4 represent the edges of the pathway. A slope indicator shows a 2% grade. A dashed line labeled 11 indicates the original grade level. A circle labeled 10 is at the top left. A circle labeled 9 is at the bottom right.

APPROX. R.O.W.

PROTECTIVE FENCE

10'

2'

3'

MULTI-USE PATH

2%

12:1

EXISTING ROADWAY

11

10

1

2

3

4

6

9

12

MULTI-USE PATHWAY  
W/ RETAINING WALL

STA. 51+80 – STA. 56+50

Detailed description: This cross-section diagram illustrates a multi-use pathway (STA. 51+80 – STA. 56+50) with a retaining wall. The pathway is 10' wide, divided into 2' and 3' sections. A protective fence is located on the left. The diagram shows a vertical retaining wall with a 12:1 slope. A drainage system is indicated on the right. Numbered callouts (10, 11, 12, 1, 2, 3, 4, 6, 9) point to specific features like the fence, wall, and drainage. The diagram is set against a dashed line representing the 'EXISTING ROADWAY'.

## **TYPICAL SECTIONS**

**FRONT ELEVATIONS**  
SCALE: 1"=4'



LEDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION  
L171-001

741 COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

Weston & Sampson

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Consultants:

Revisions:		
No.	Date	Description

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Scale:	AS NOTED
Date:	MAY 2023
Drawn By:	NSD
Reviewed By:	RC
Approved By:	MJJ
W&S Project No.:	ENG20-1119
W&S File No.:	

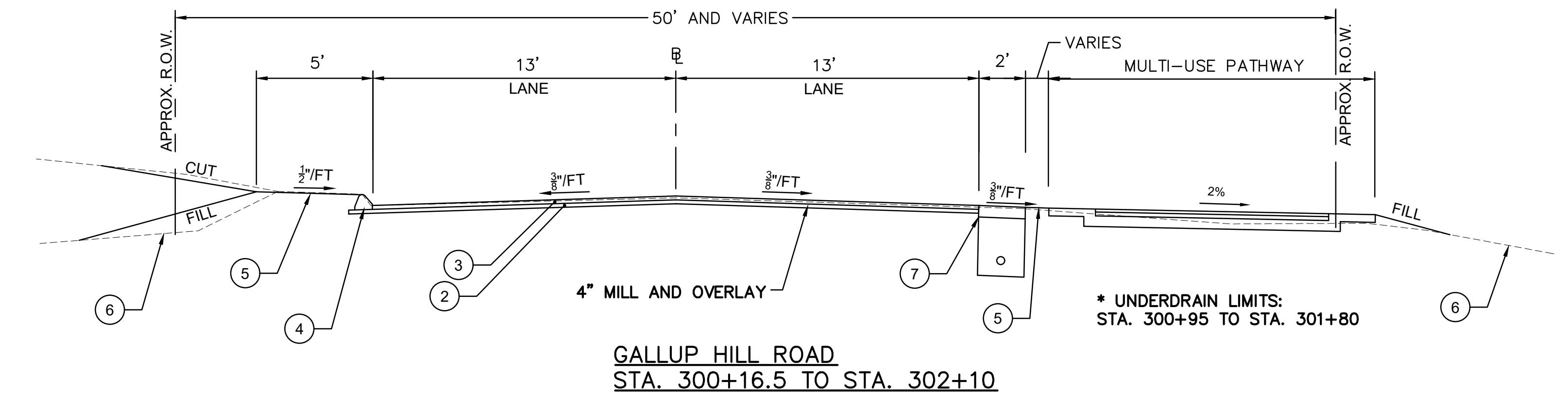
Drawing Title:
ROADWAY TYPICAL SECTIONS

Sheet Number:

**TYP-02**

Rev. 1.6 Date 04/10/2019

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LEGEND

- ① - 1" HMA S0.375
- ② - 2" HMA S0.5
- ③ - 2" HMA S0.375
- ④ - 6" BITUMINOUS CONCRETE LIP CURBING
- ⑤ - 4" TOPSOIL AND TURF ESTABLISHMENT
- ⑥ - EXISTING GRADE
- ⑦ - 6" CRUSHED STONE W/ 4" UNDERDRAIN \*

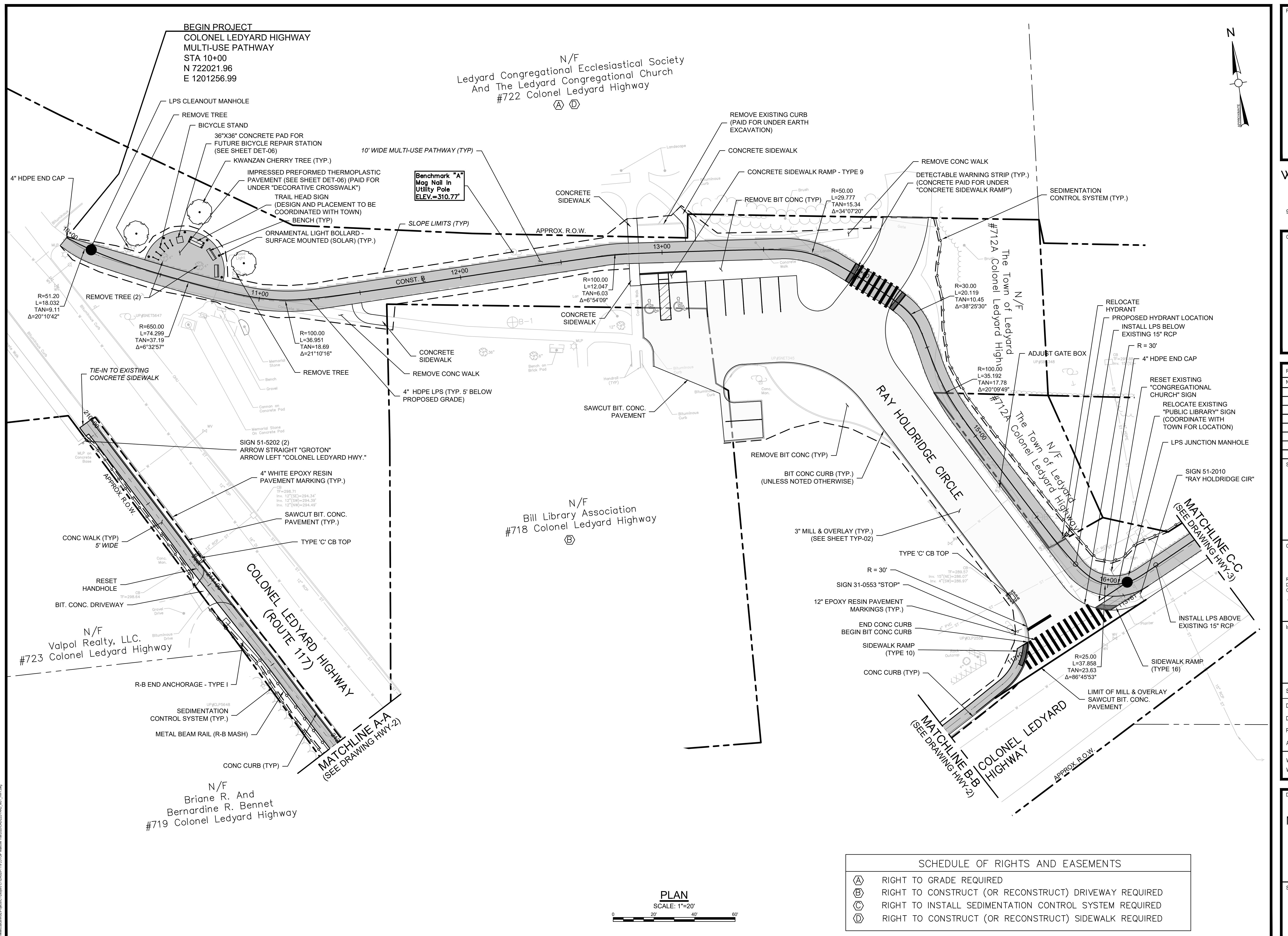
NOTES:

1. ALL CUT OR FILL SLOPES TO BE 2:1 MAX, UNLESS OTHERWISE NOTED ON THE CROSS SECTIONS OR APPROVED BY THE ENGINEER

**TYPICAL SECTIONS**  
SCALE: 1"=4'

0 4' 8' 12'





TOWN OF LEDYARD, CT

ODYARD HIGH SCHOOL  
ULTI-USE PATHWAY &  
DEWALK EXTENSION  
L171-0001

741 COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

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Reviewed By:	RC
Approved By:	MJJ
W&S Project No.:	ENG20-1119

Drawing Title:

# MULTI-USE PATHWAY & SIDEWALK PLAN

## STA 10±00 TO 16±5

Sheet Number:

HWY 1

# HWY-1

---

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- (B) RIGHT TO CONSTRUCT (OR RECONSTRUCT) DRIVEWAY REQUIRED
- (C) RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
- (D) RIGHT TO CONSTRUCT (OR RECONSTRUCT) SIDEWALK REQUIRED



## OWN OF LEDYARD, CT

## OWN OF LEDYARD, CT

EDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION  
L171-0001

COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

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Rocky Hill, CT 06067  
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By: MJJ

ect No.: ENG20-1119

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- C RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
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# PLAN

SCALE: 1"=20'



110+00 15 112+

MAX 0

# HWY-2



## OWN OF LEDYARD, CT

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By: MJJ

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ect No.: ENG20-1119

le:

# TI-USE PATHWA SIDEWALK PLAN 16+50 TO 22+0

her:

HWY-3

---

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N/F  
David C. and Keli D. Levine  
#712 Colonel Ledyard Highway

N/F  
David C. and Keli D. Levine  
#712 Colonel Ledyard Highway  
A B C

N/F  
David C. and Keli D. Levin  
#712 Colonel Ledyard Highway

Edge of Road

W

BEGIN BIT CONC CURB STA. 17+50

Edge of Road

W

MATCHLINE C-C (SEE DRAWING HWY-1)

N/F  
Sandra L. Reynolds  
#10 Wolf Ridge Go

15" RCP Inv.=292.789

WV

BEGIN BIT CONC CURB STA. 21+61

WLF #JWW1-25

WET-TR

WLF #JWW1-26

APPROX. R.O.W.

WLF #JWW1-24

WET-TR

WLF #JWW1-23

WET-TR

WLF #JWW1-22

WET-TR

WLF #JWW1-21

WET-TR

WLF #JWW1-27

WET-TR

WLF #JWW1-28

WET-TR

N/F  
Carol S. And  
Daniel G. Torgersen  
#8 Wolf Ridge Gap

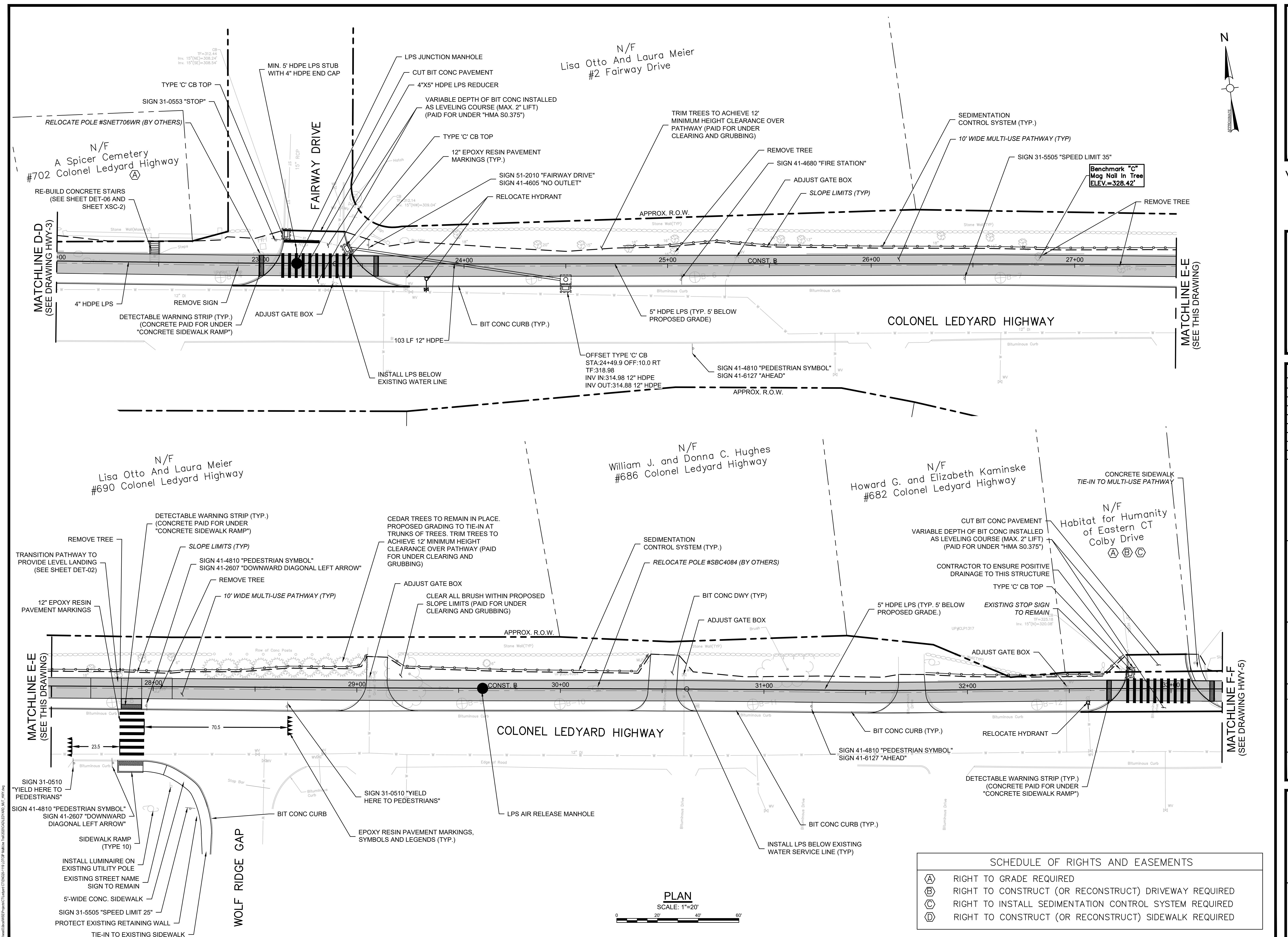
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- C RIGHT TO INSTALL SEDIMENTATION CONTROL SYSTEM REQUIRED
- D RIGHT TO CONSTRUCT (OR RECONSTRUCT) SIDEWALK REQUIRED

PLAN

SCALE: 1"=20'

0 20' 40' 60'



TOWN OF LEDYARD, CT

EDYARD HIGH SCHOOL  
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L171-0001

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ANSWER

NSD

By: RC

By: MJJ

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Page 1 of 1

## TI-USE PATHW SIDEWALK PLA 22+00 TO 33+

## ANSWER

# HWY-4

10 of 10 pages

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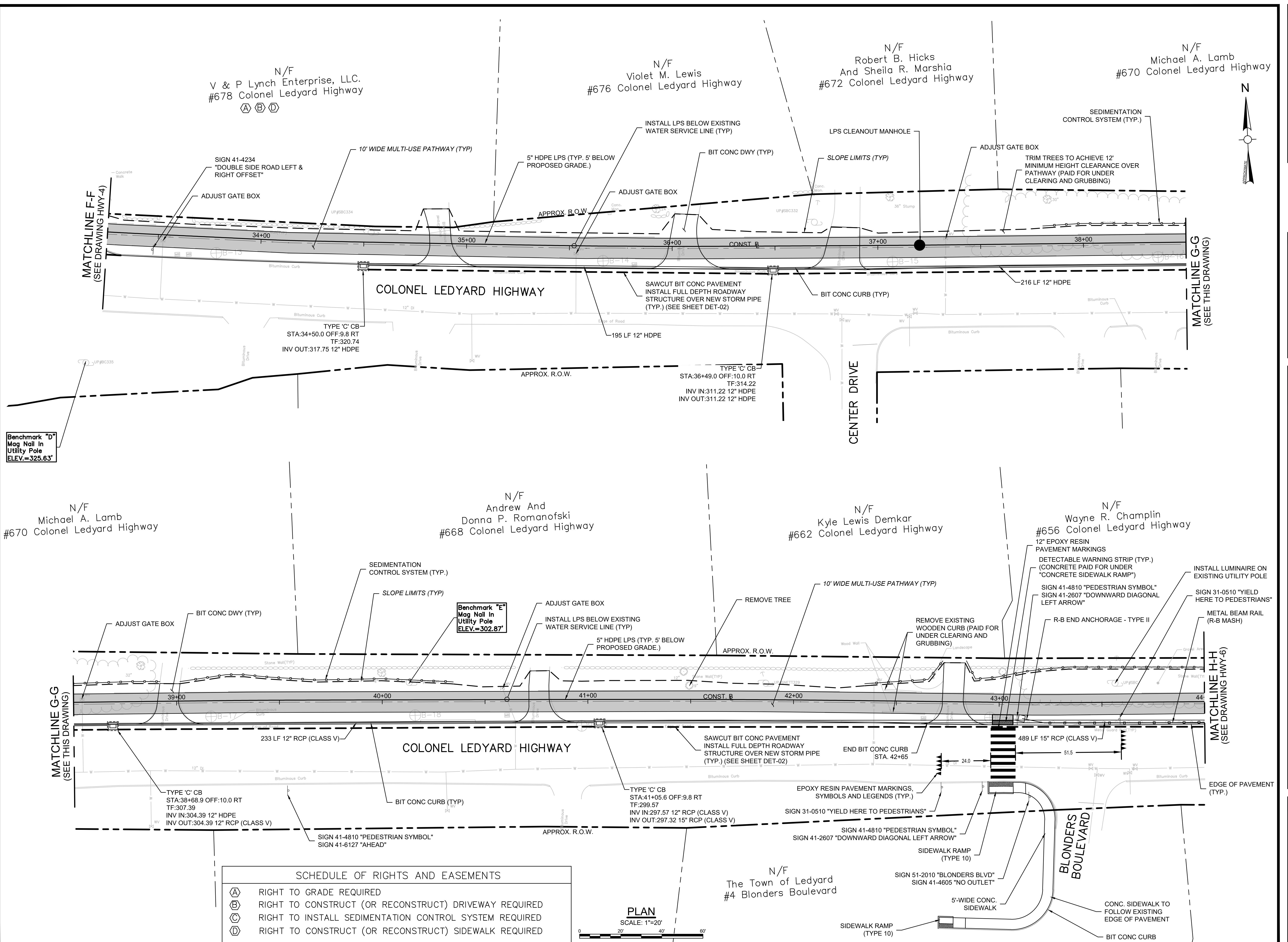
MULTI-USE PATHWAY  
& SIDEWALK PLAN  
STA. 33+25 TO 44+00

Sheet Number:

HWY-5

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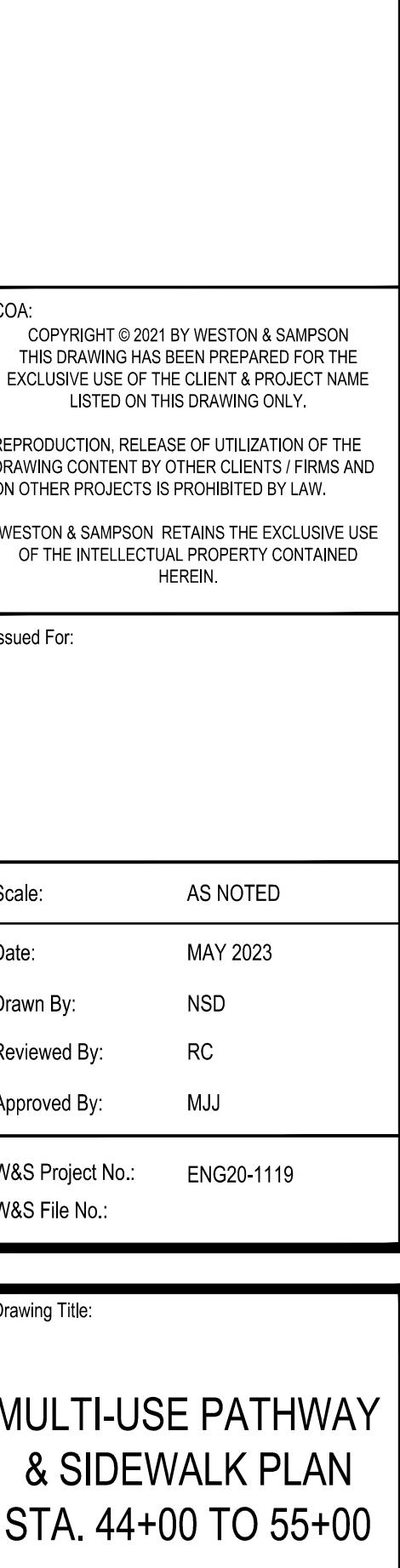
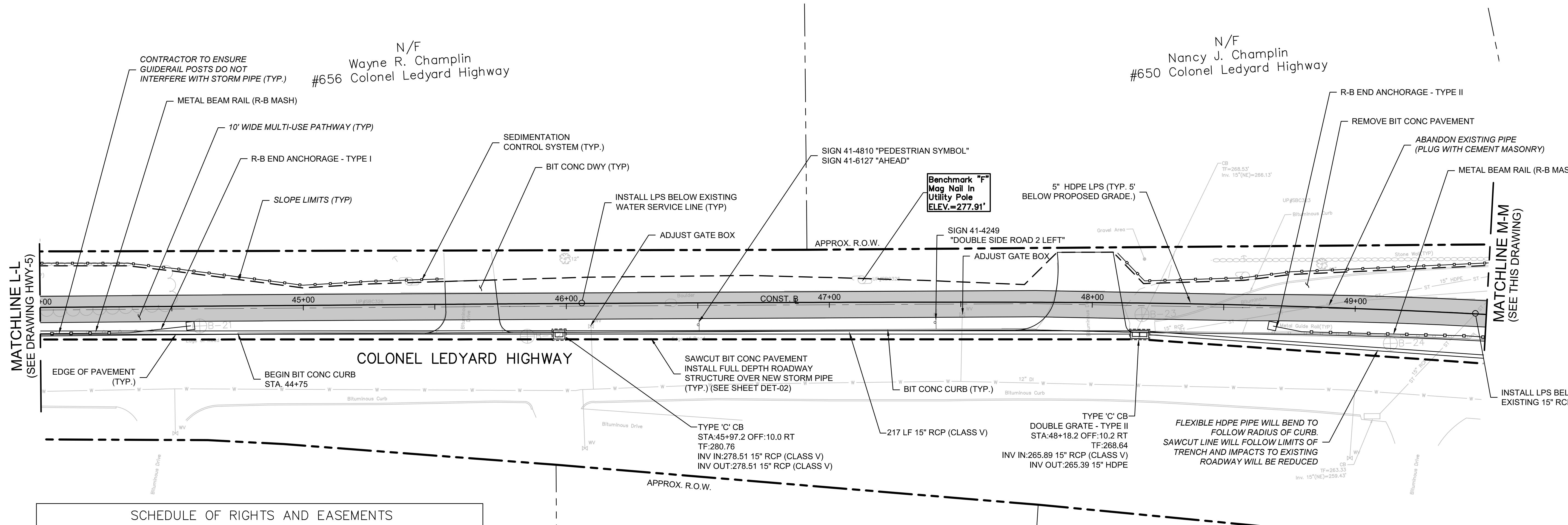
MULTI-USE PATHWAY  
& SIDEWALK PLAN  
STA. 44+00 TO 55+00

Sheet Number:

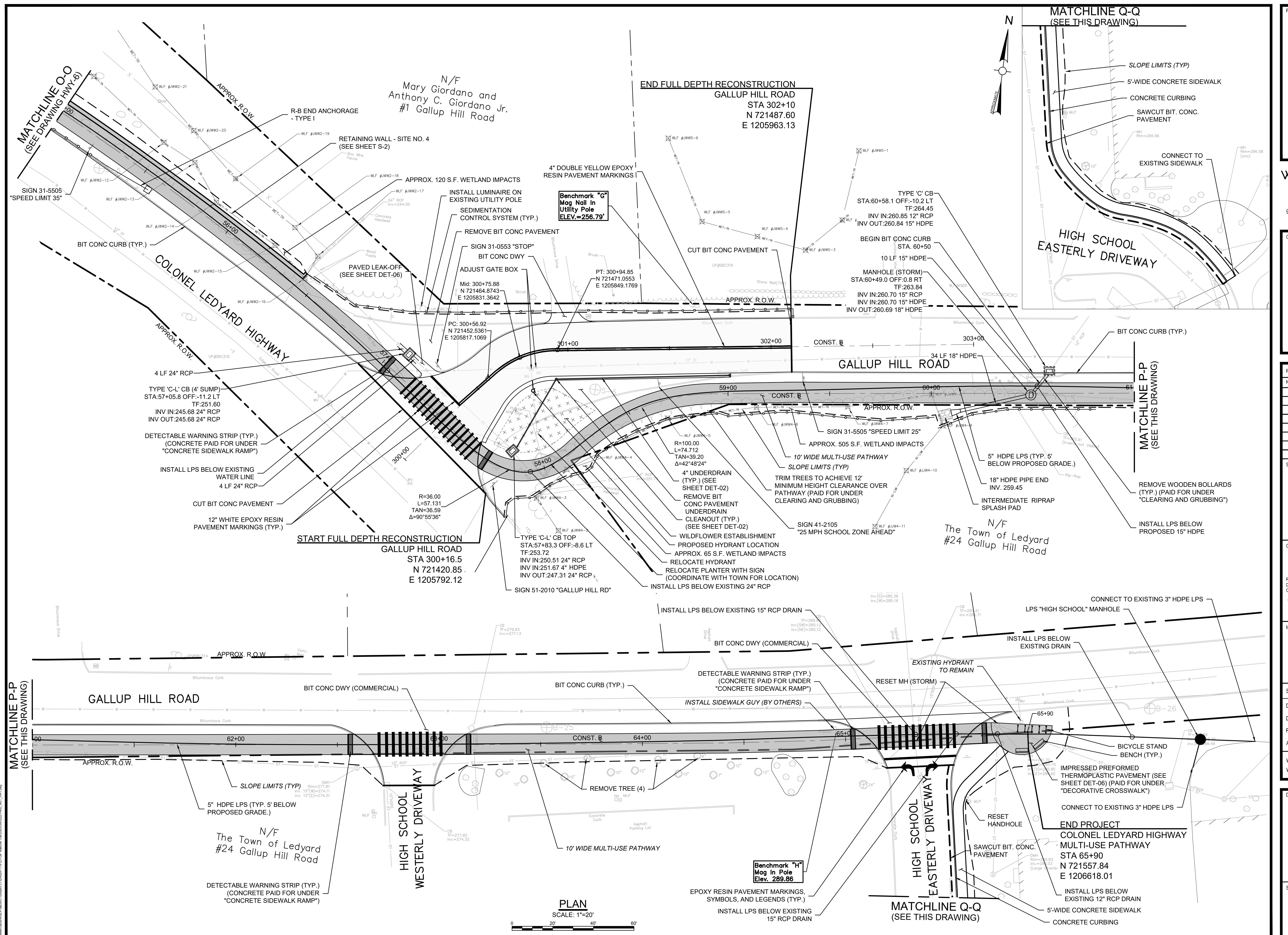
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**PLAN**  
SCALE: 1'=20'  
0 20' 40' 60'



## TOWN OF LEDYARD, CT

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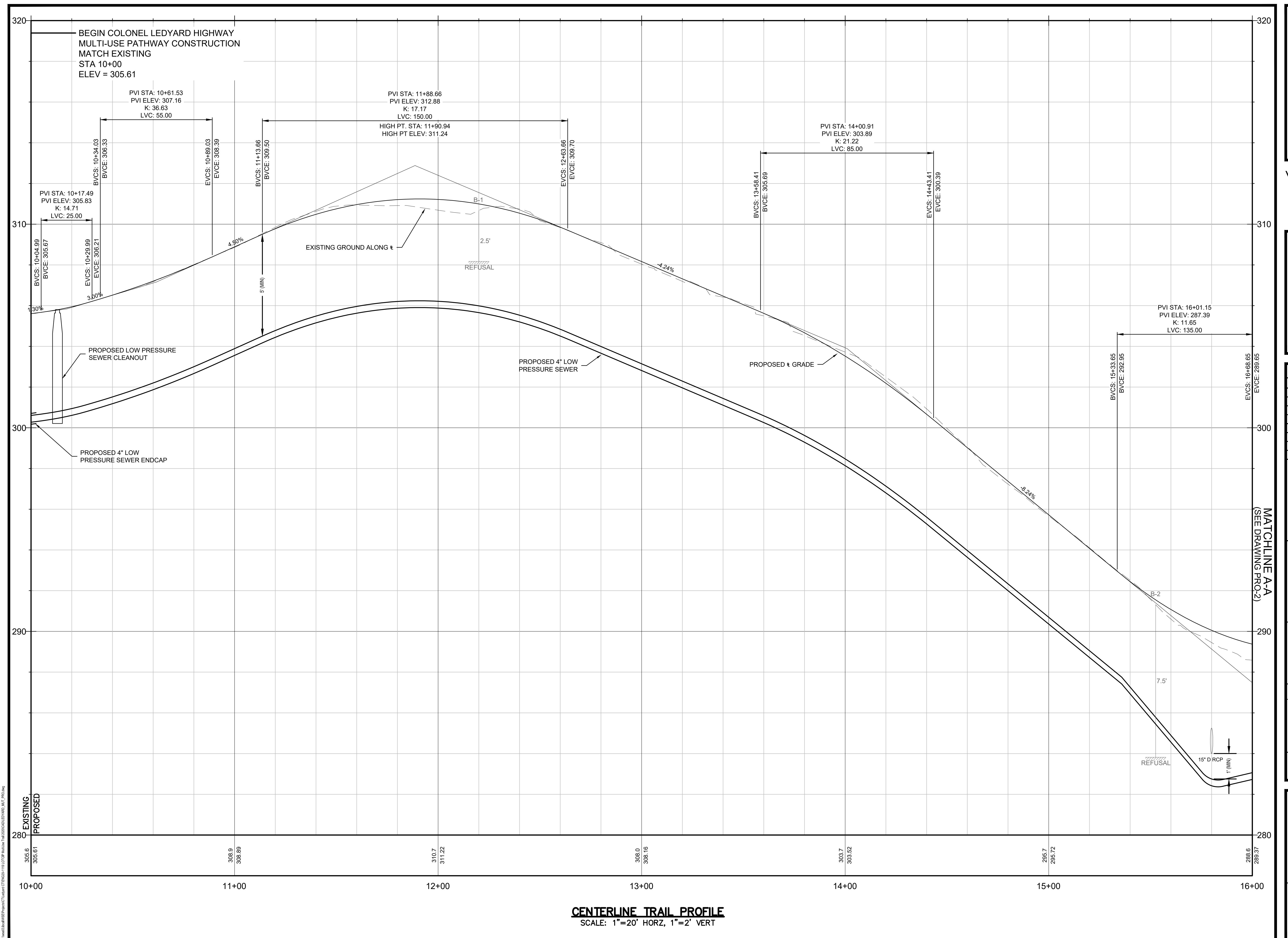
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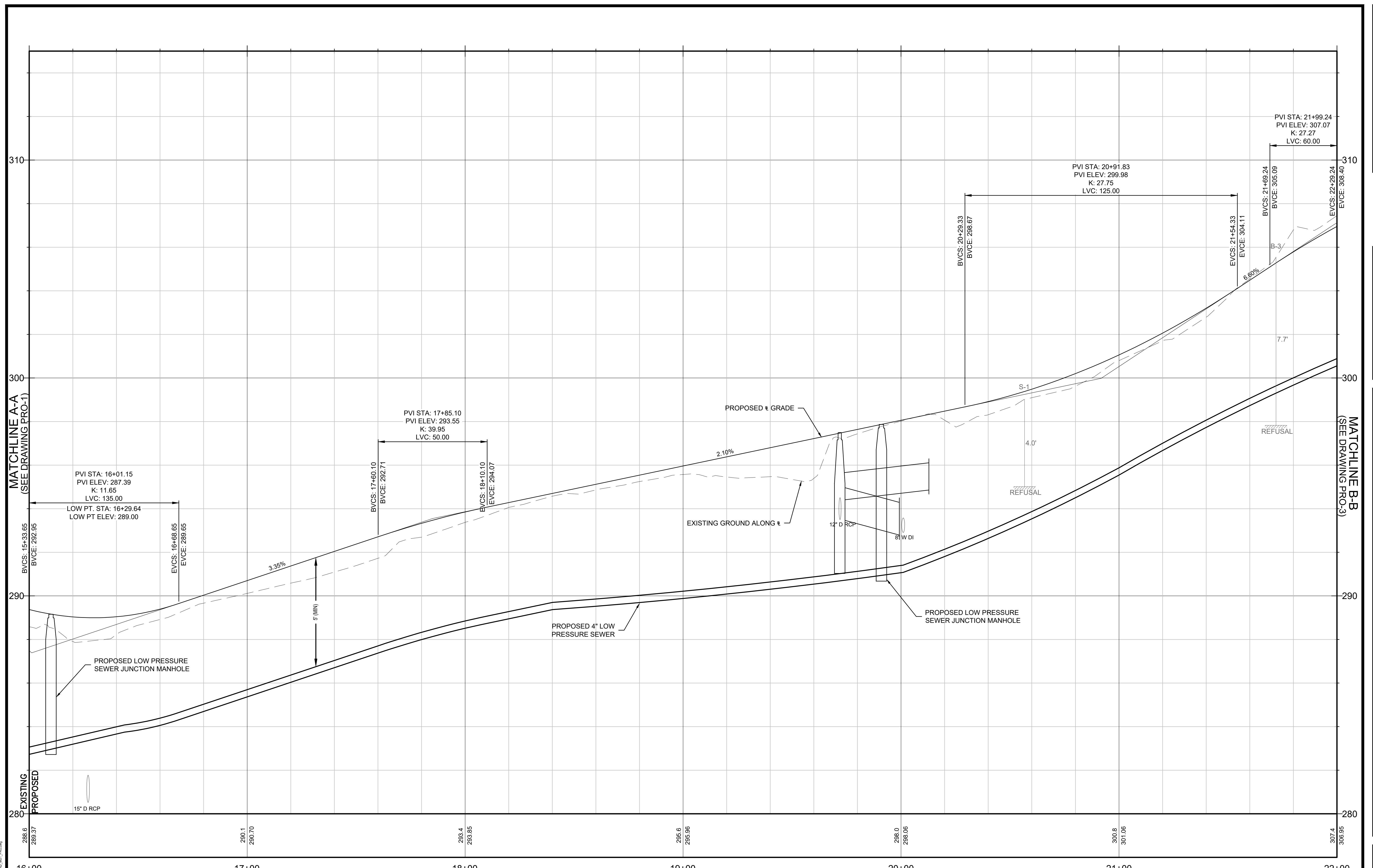
**Title:**

# LTI-USE PATHWAY SIDEWALK PLAN A. 55+00 TO 65+9

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# HWY-7





**CENTERLINE TRAIL PROFILE**  
SCALE: 1"=20' HORZ, 1"=2' VERT

SCALE: 1"=20' HORZ, 1"=2' VERT



OWN OF LEDYARD, CT

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SIDEWALK EXTENSION  
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COLONEL LEDYARD HIGHWAY  
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The logo for Weston & Sampson Engineers, Inc. It features the company name in a bold, sans-serif font. The letter 'W' in 'Weston' and the letter 'S' in 'Sampson' are stylized with a large, open circle containing a smaller circle, resembling a 'C' and an 'S' respectively. The 'S' also has a small 'TM' symbol at the top right corner.

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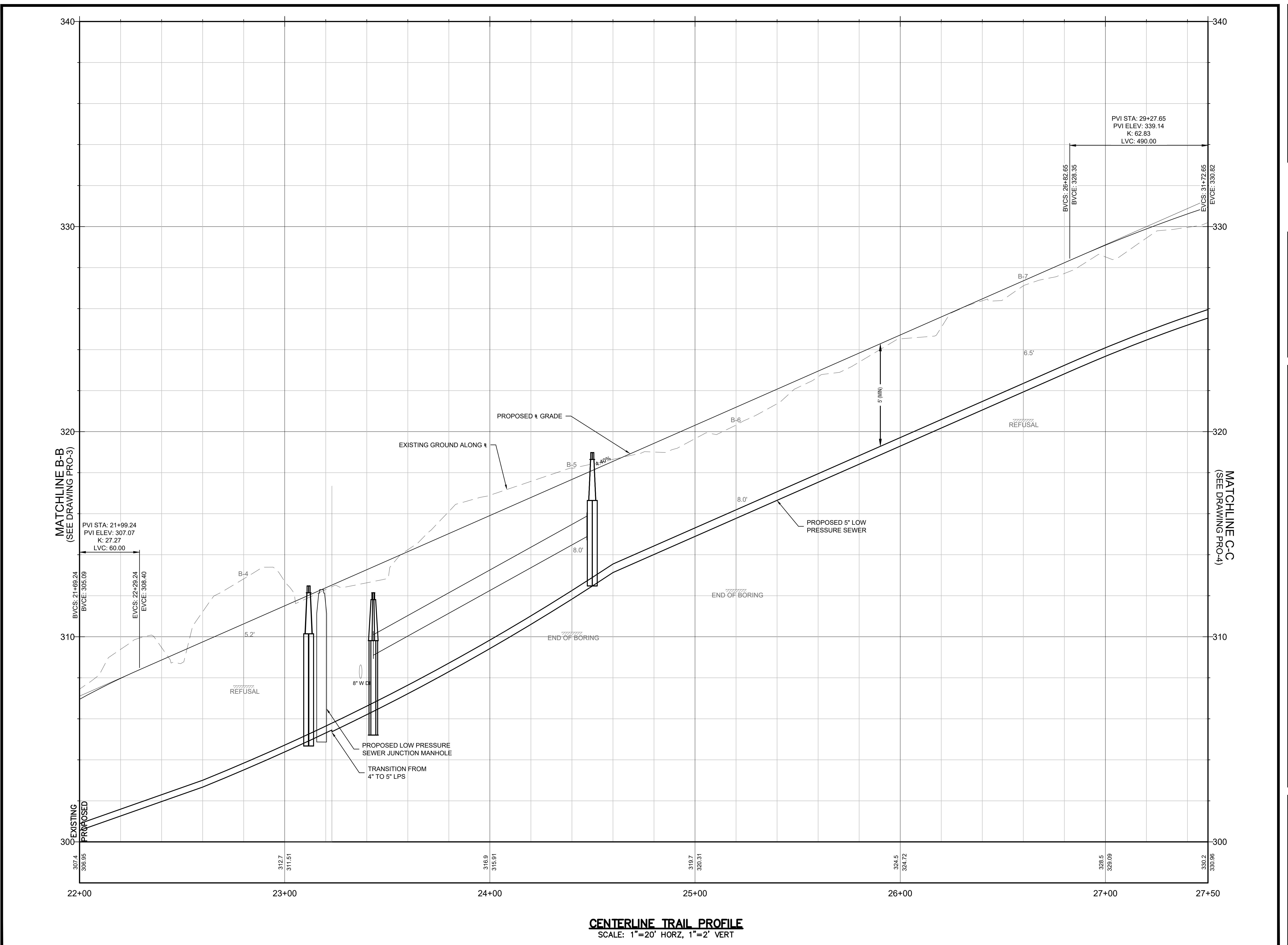
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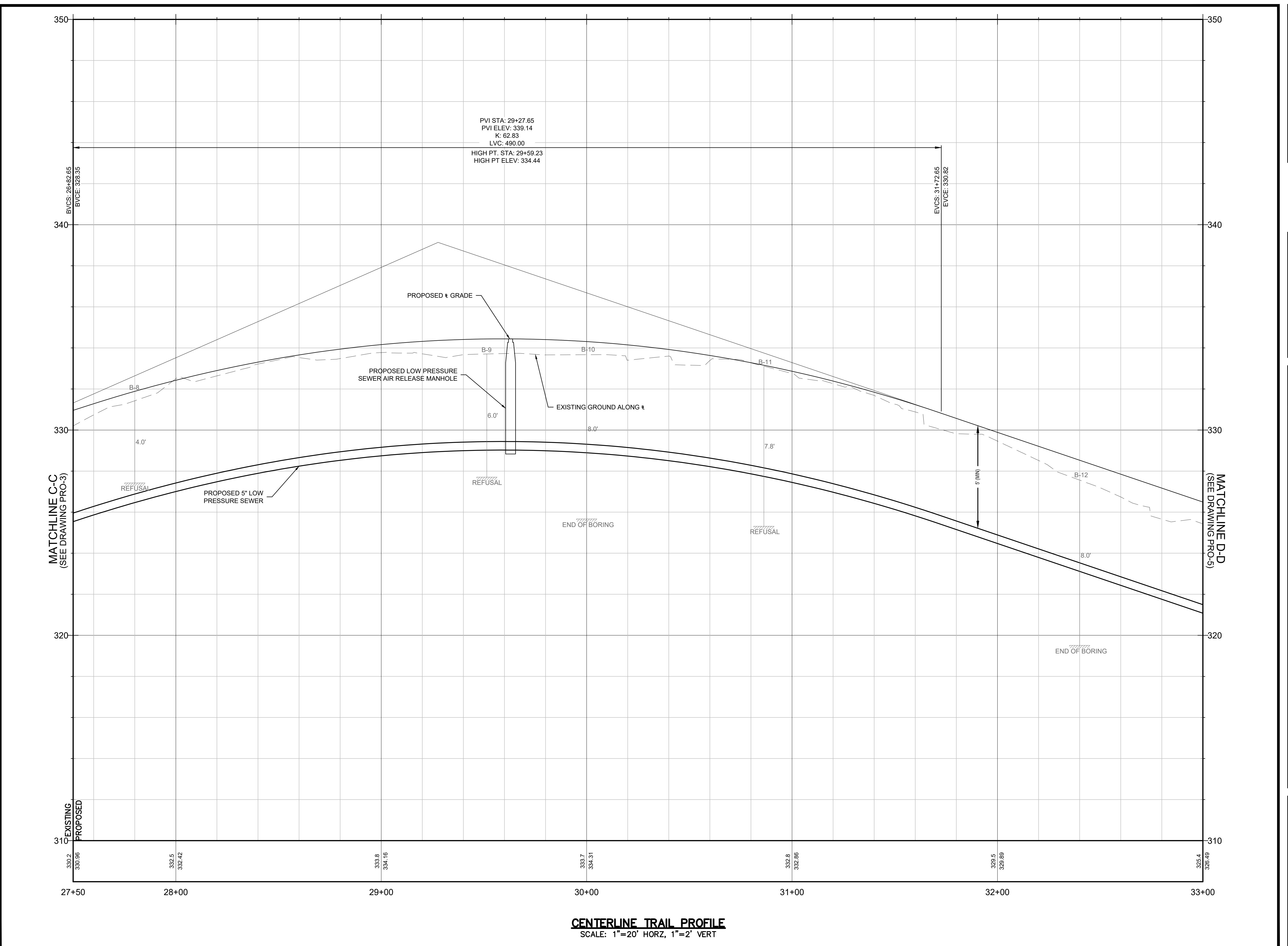
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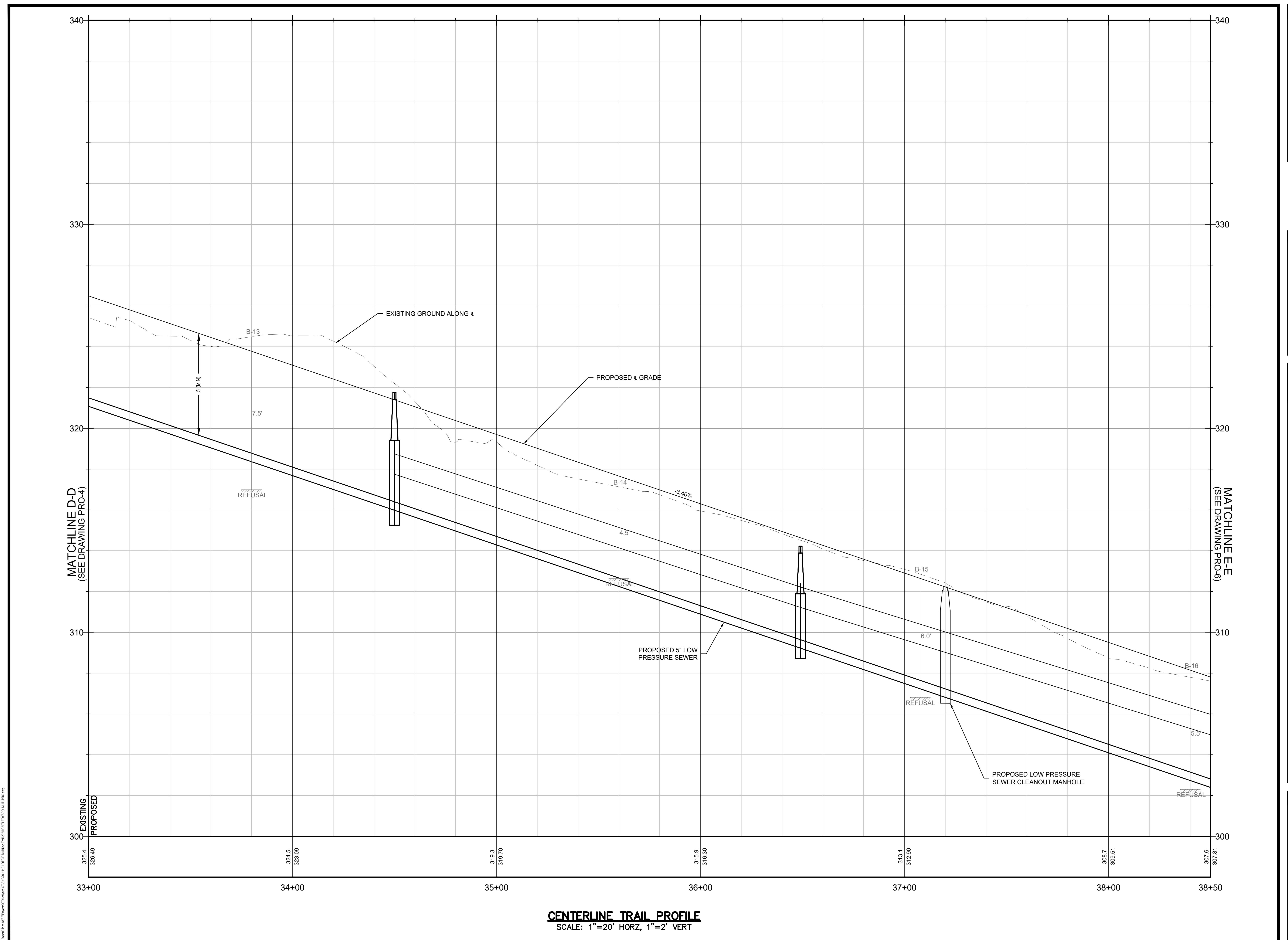
# TI-USE PATHWAY PROFILE 16+00 TO 22+0

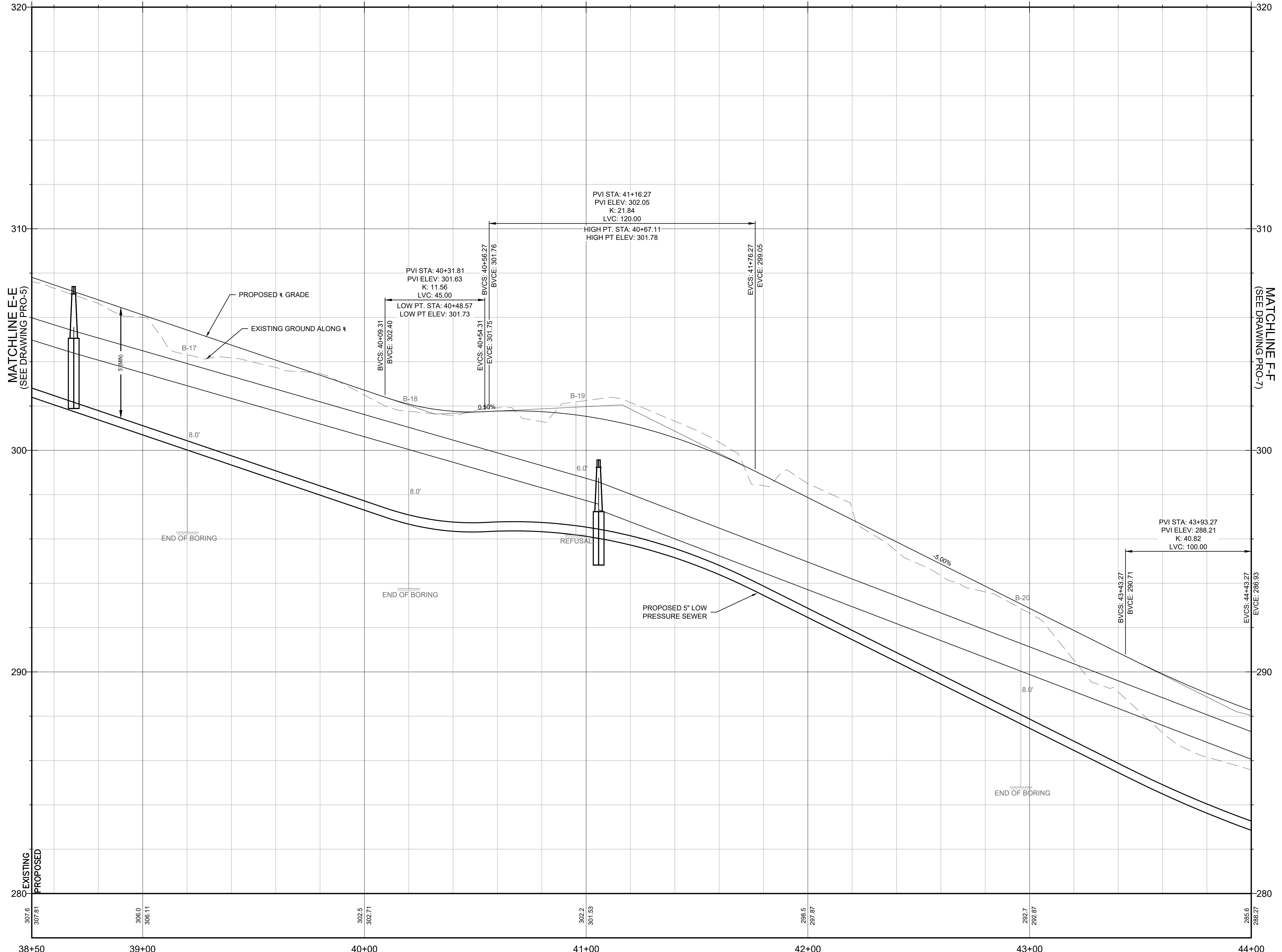
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# PRO-02









**CENTERLINE TRAIL PROFILE**

Project: **TOWN OF LEDYARD, CT**



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MULTI-USE PATHWAY &  
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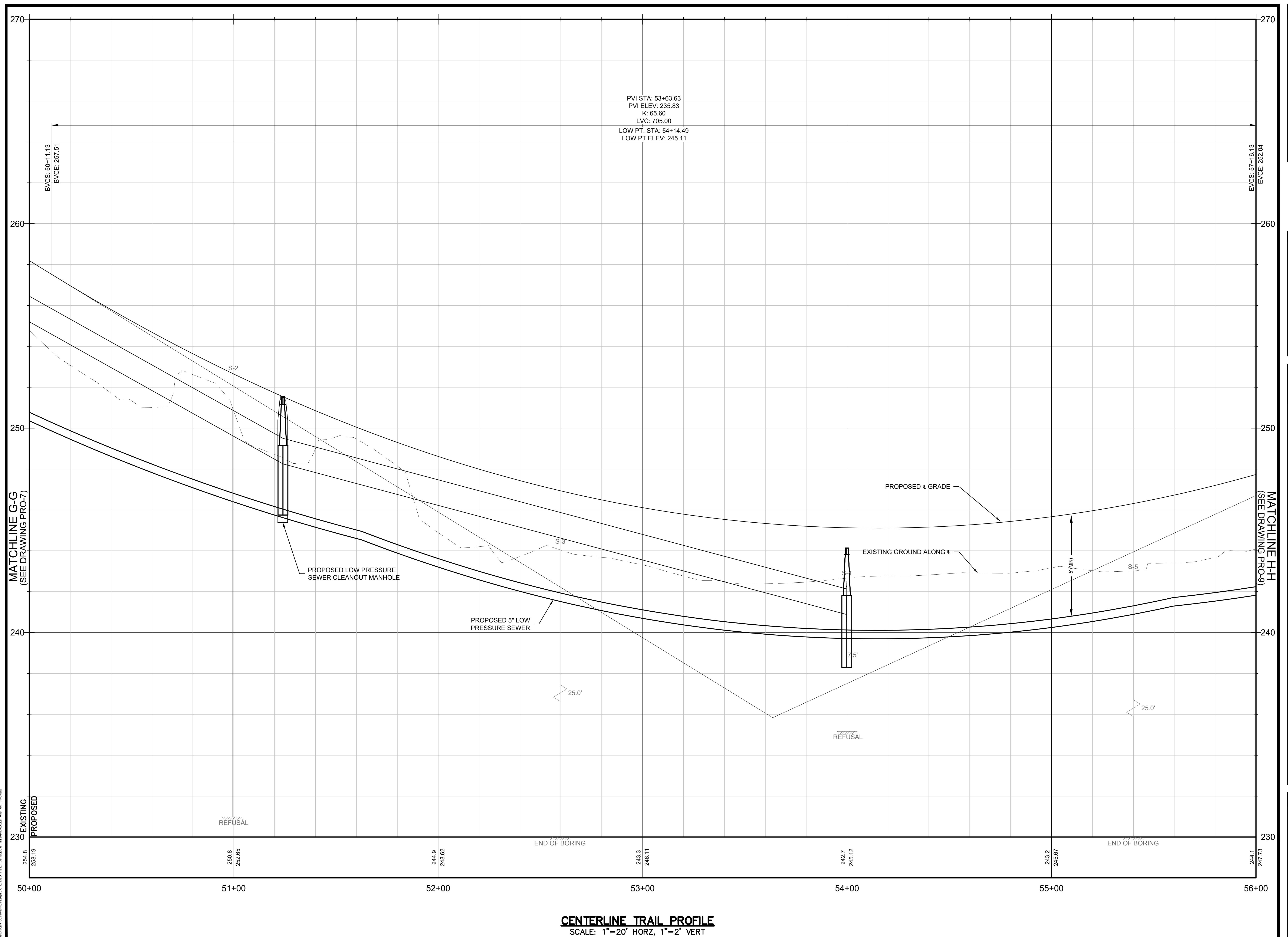
le:

# TI-USE PATHWAY PROFILE 38+50 TO 44+0

her:

# PRO-06





ct:  
TOWN OF LEDYARD, CT



LEDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
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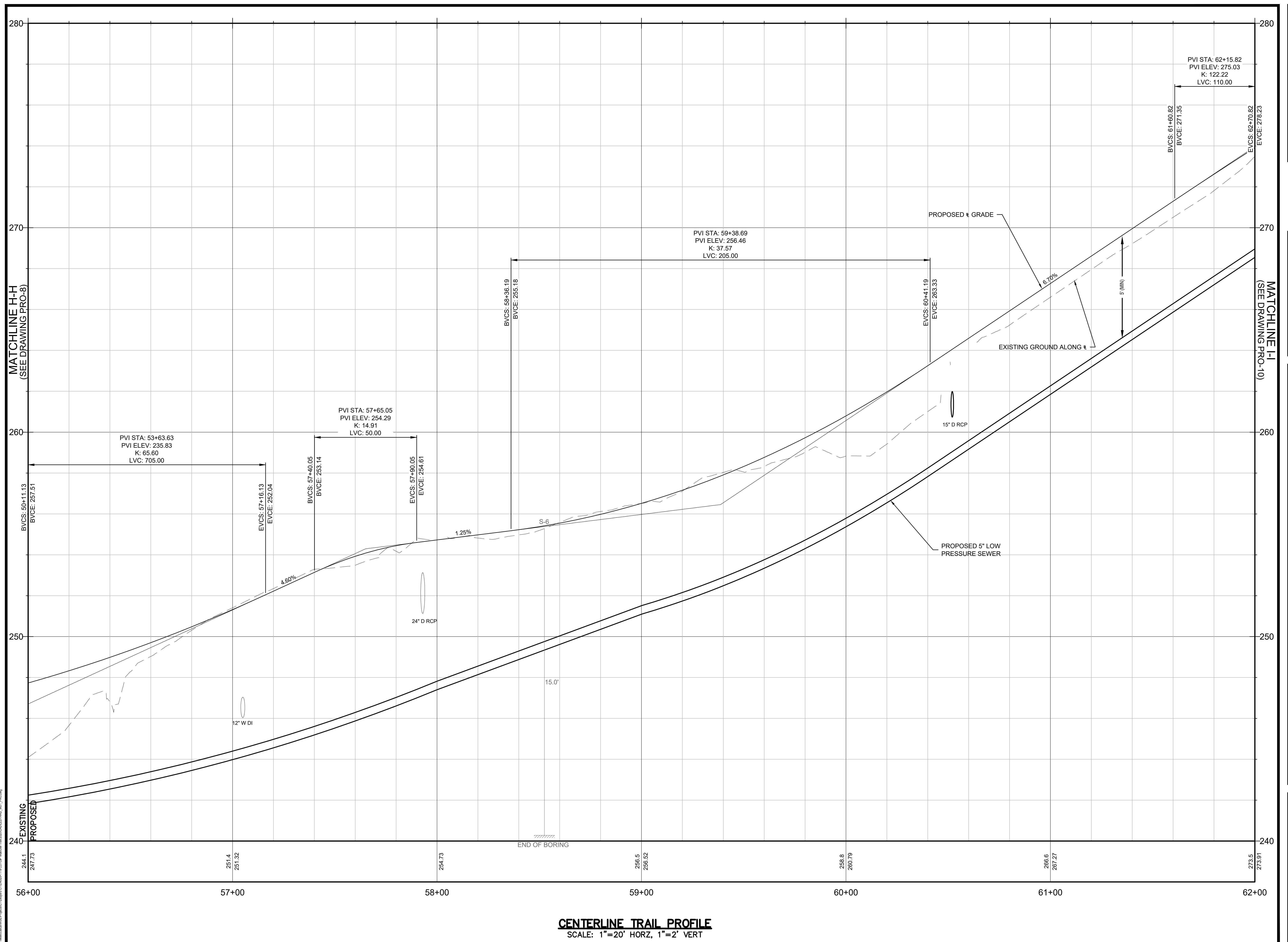
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ing Title:

# MULTI-USE PATHWAY PROFILE TA 50+00 TO 56+00

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# PRO-08



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ct:  
TOWN OF LEDYARD, CT



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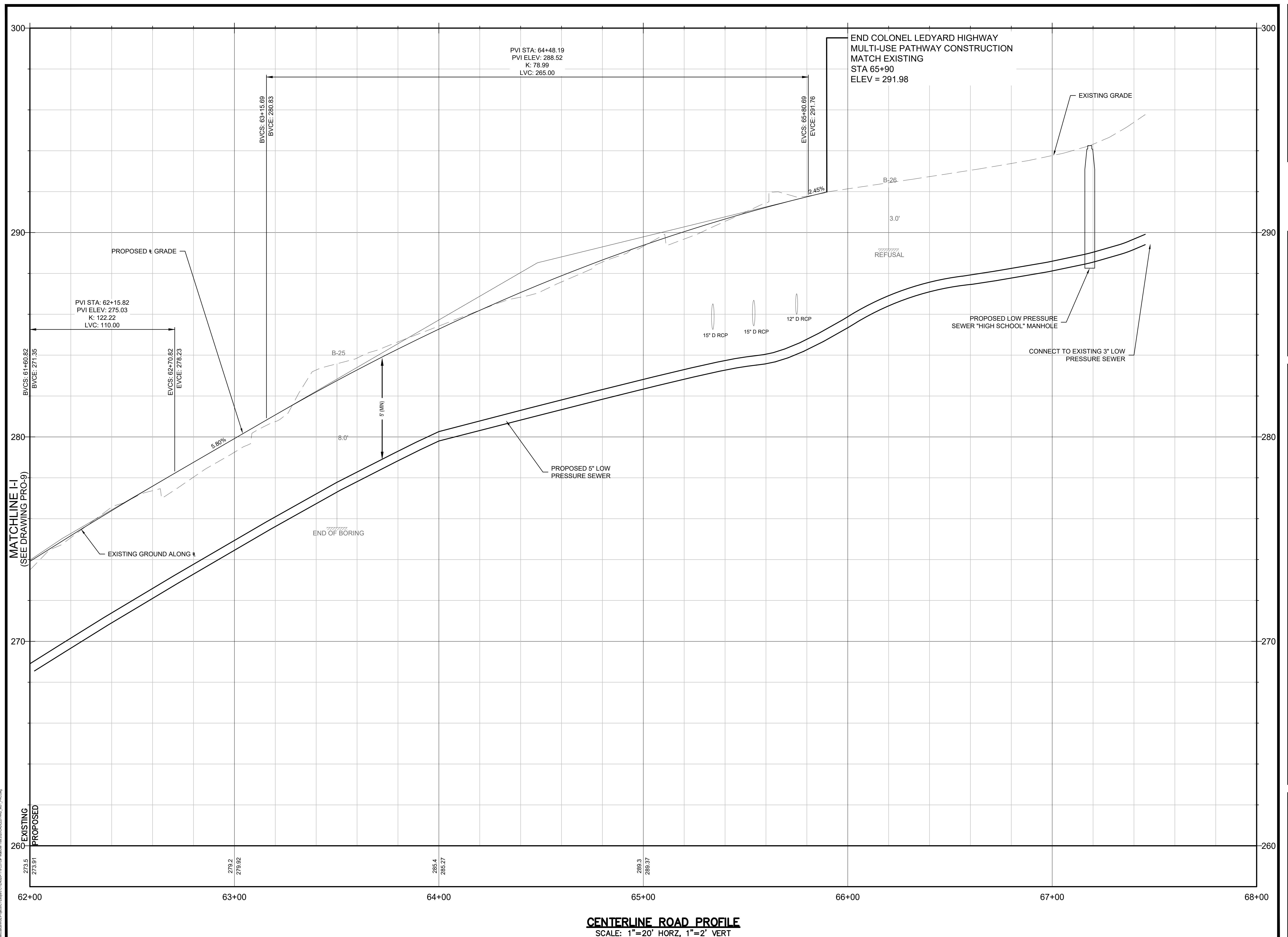
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File No.: 6

ing Title:

# MULTI-USE PATHWAY PROFILE TA. 56+00 TO 62+00

Part Number:

# PRO-09





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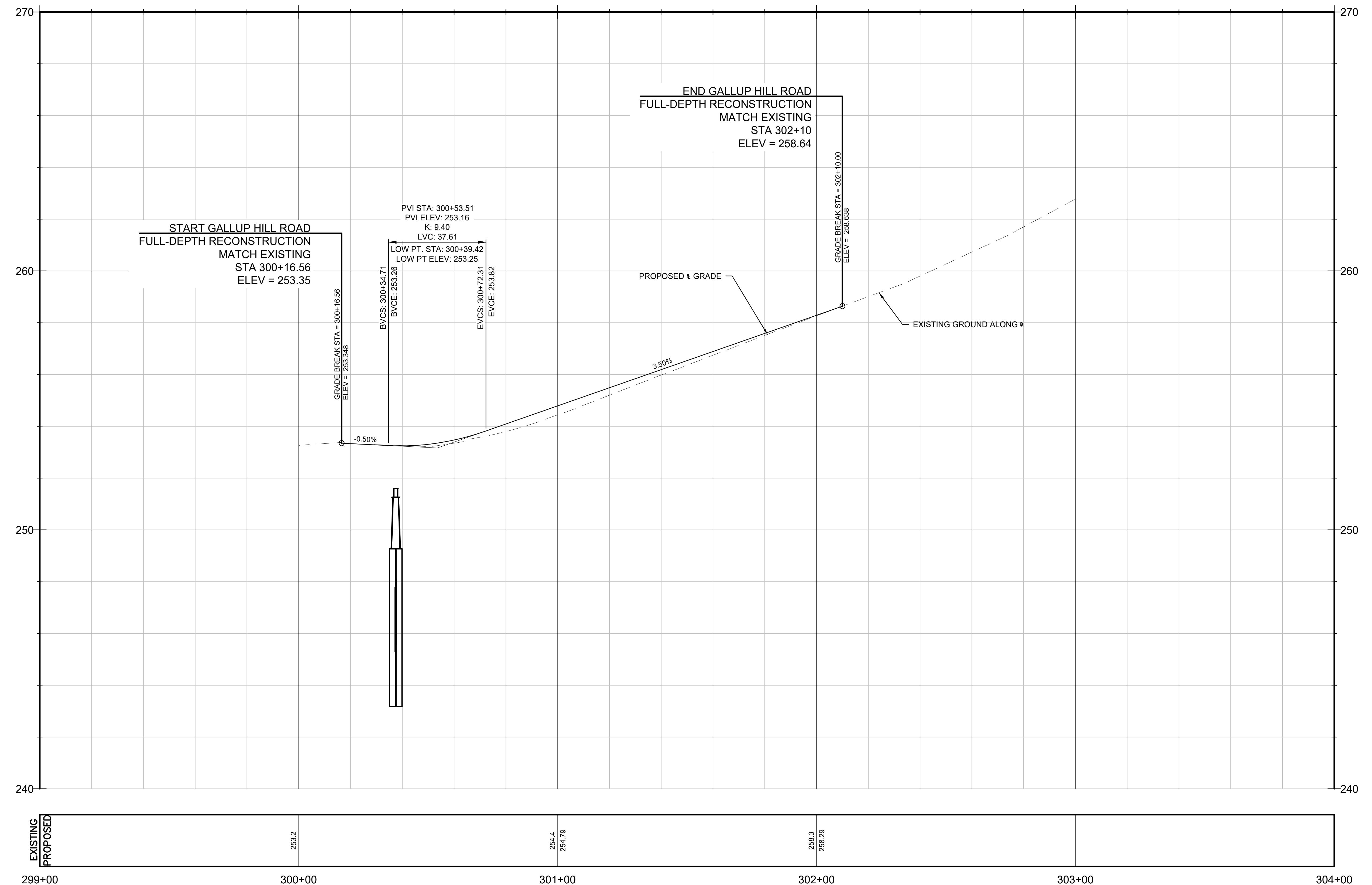
GALLUP HILL ROAD  
PROFILE  
STA. 300+00 TO  
303+00

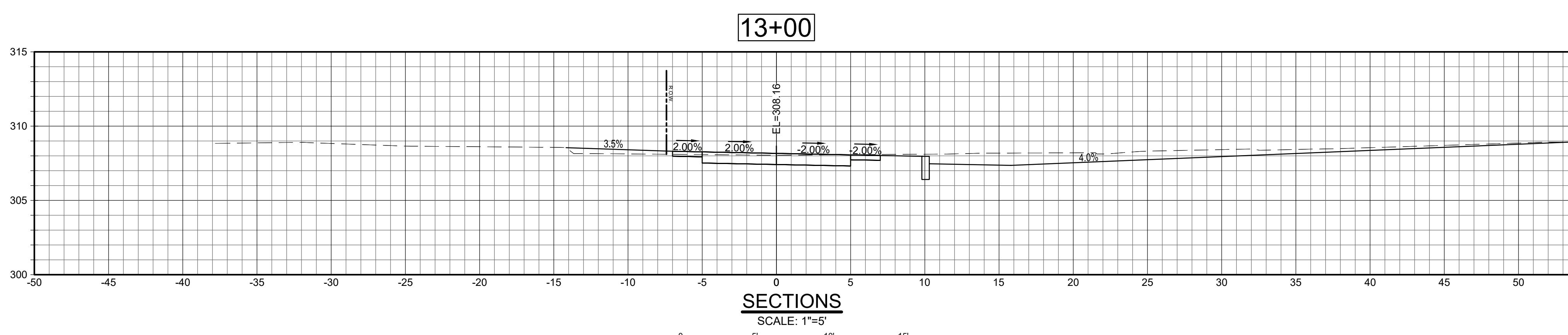
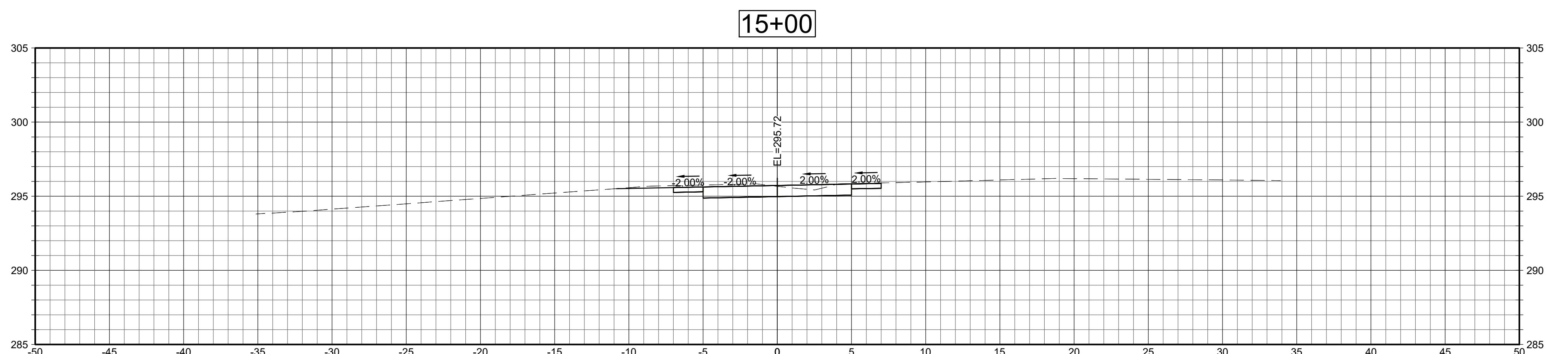
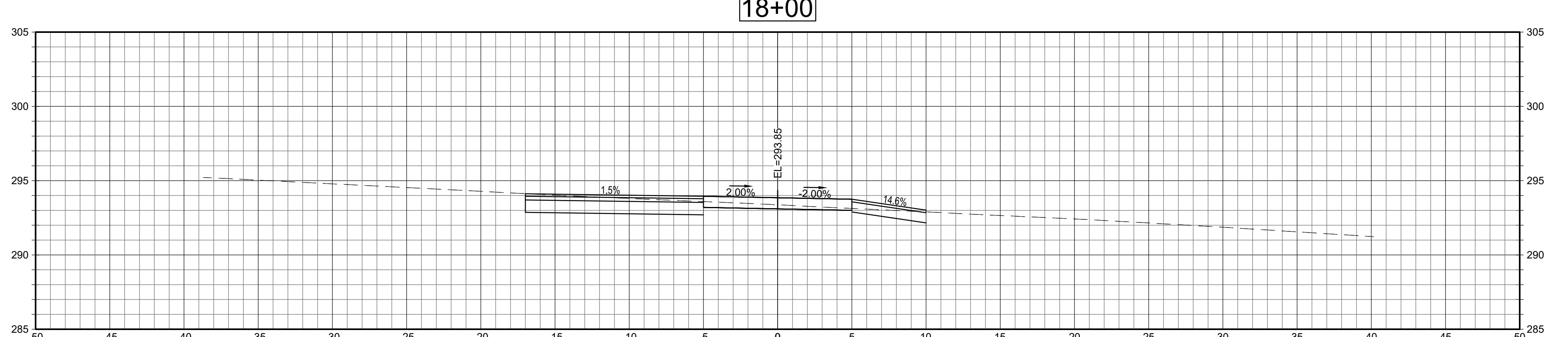
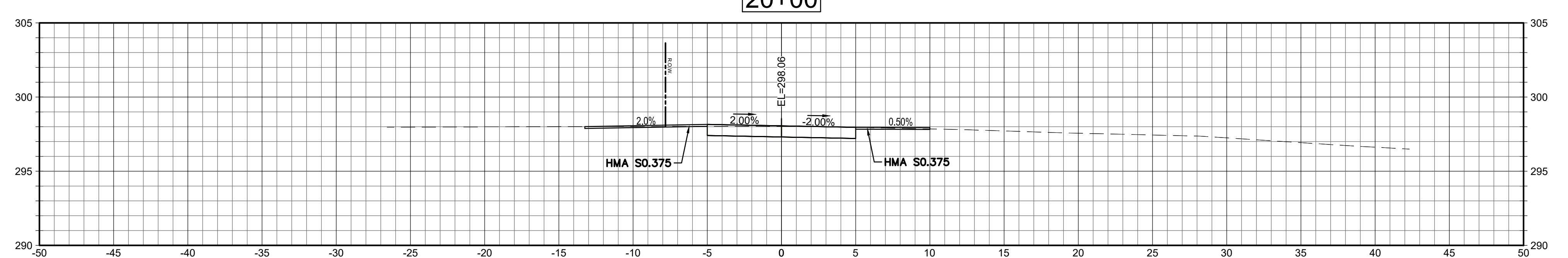
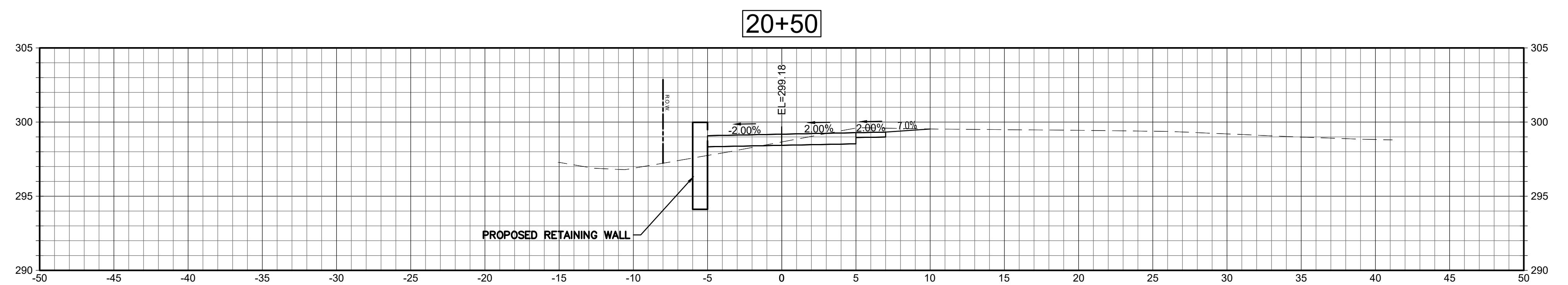
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TOWN OF LEDYARD, CT



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L171-0001

41 COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

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## Wing Title

# CRITICAL CROSS SECTIONS

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444

# XSC-1



LEDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION  
L171-001

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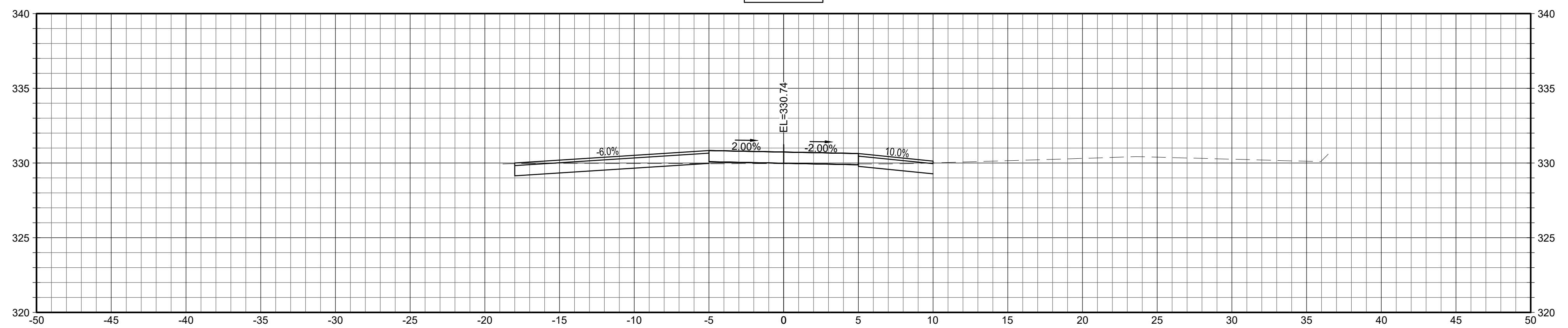
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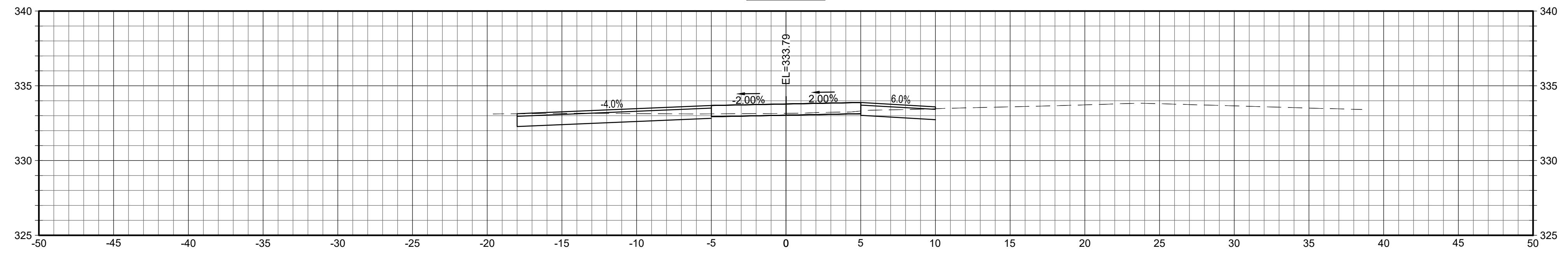
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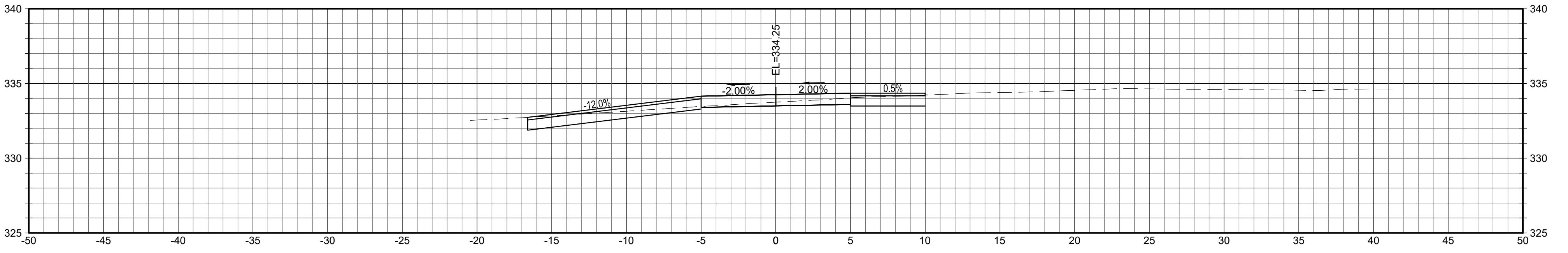
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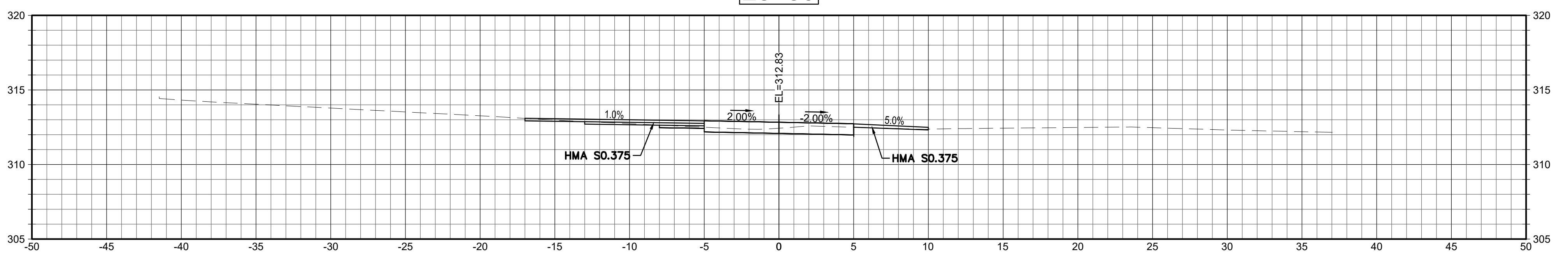
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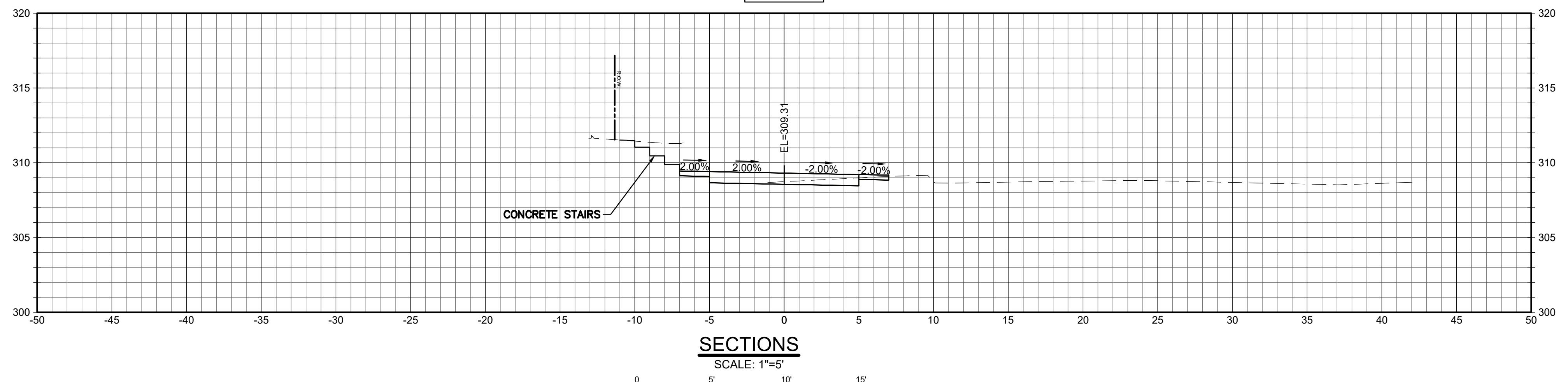
**29+10**



**23+30**



**22+50**



**SECTIONS**

SCALE: 1"=5'

0 5' 10' 15'







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Seal:

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Scale:	AS NOTED
Date:	MAY 2023
Drawn By:	NSD
Reviewed By:	RC
Approved By:	MJJ
W&S Project No.:	ENG20-1119
W&S File No.:	

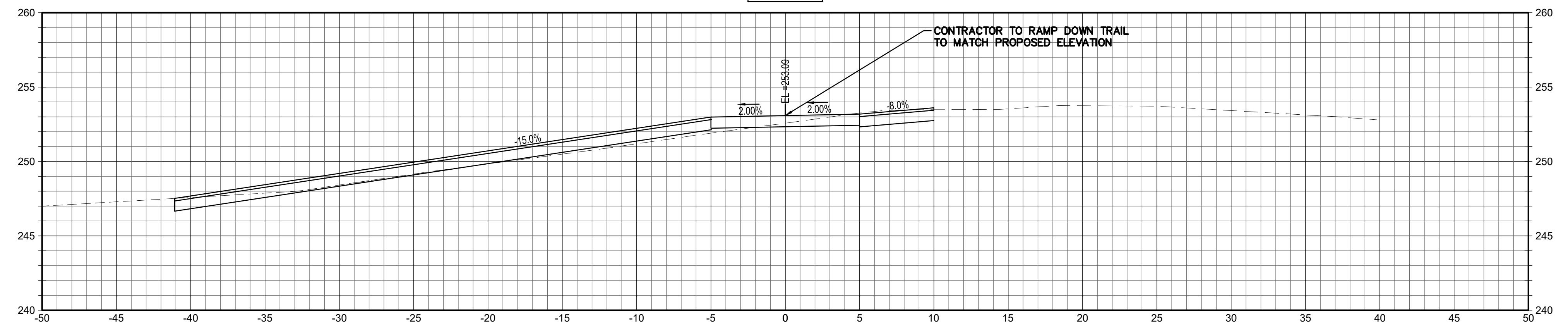
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**CRITICAL CROSS  
SECTIONS**

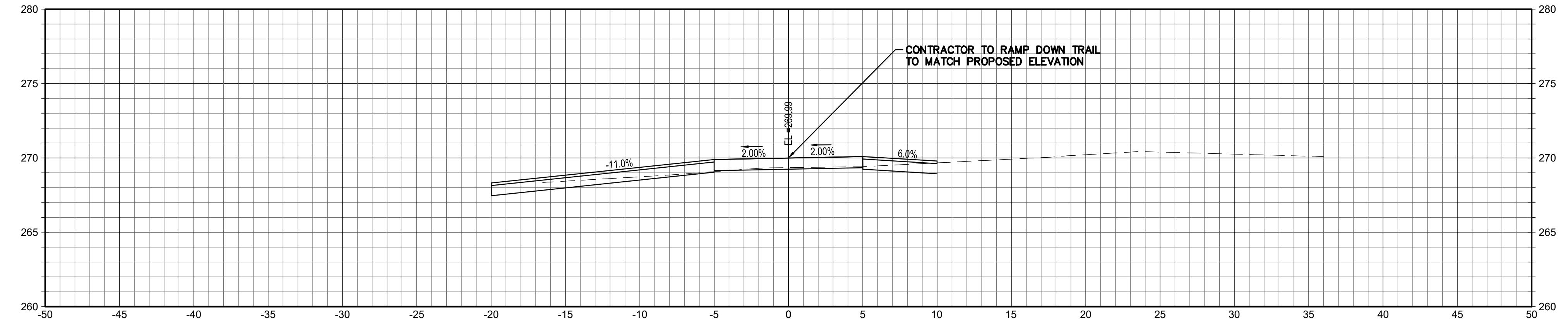
Sheet Number:

**XSC-5**

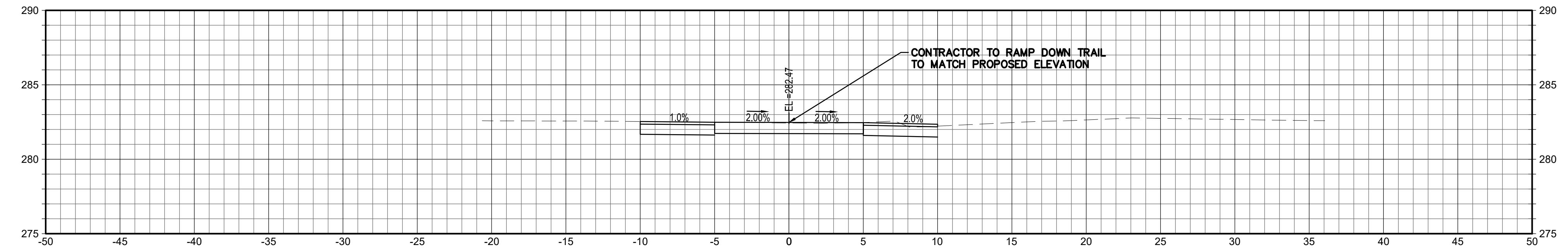
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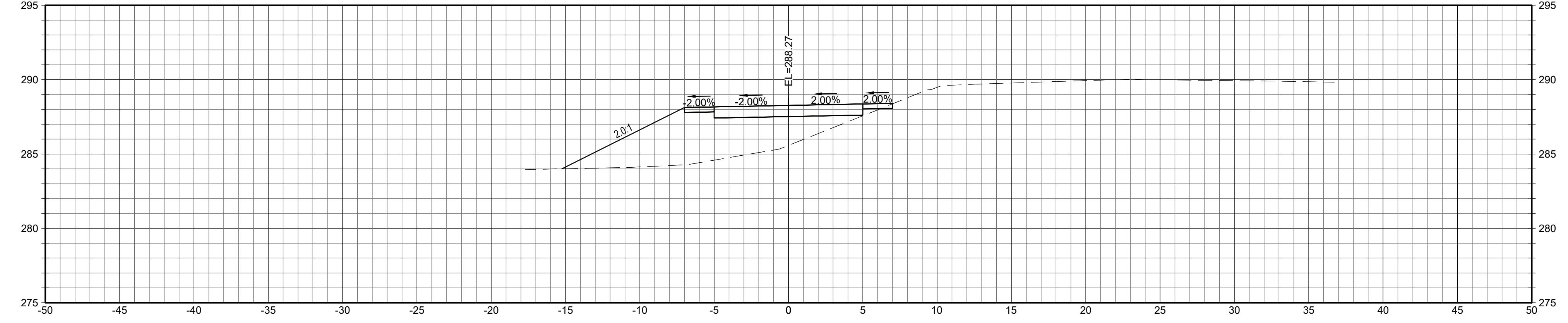
**48+00**



**45+65**



**44+00**



**SECTIONS**

SCALE: 1"=5'





EDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION  
L171-0001

1 COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

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6

Category	Description
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MAY 2023

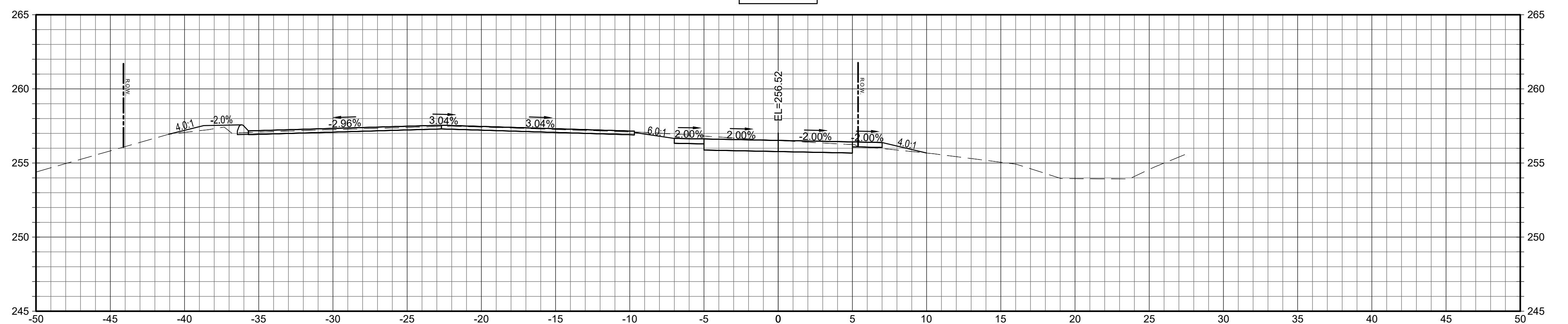
NSD

By M.J.

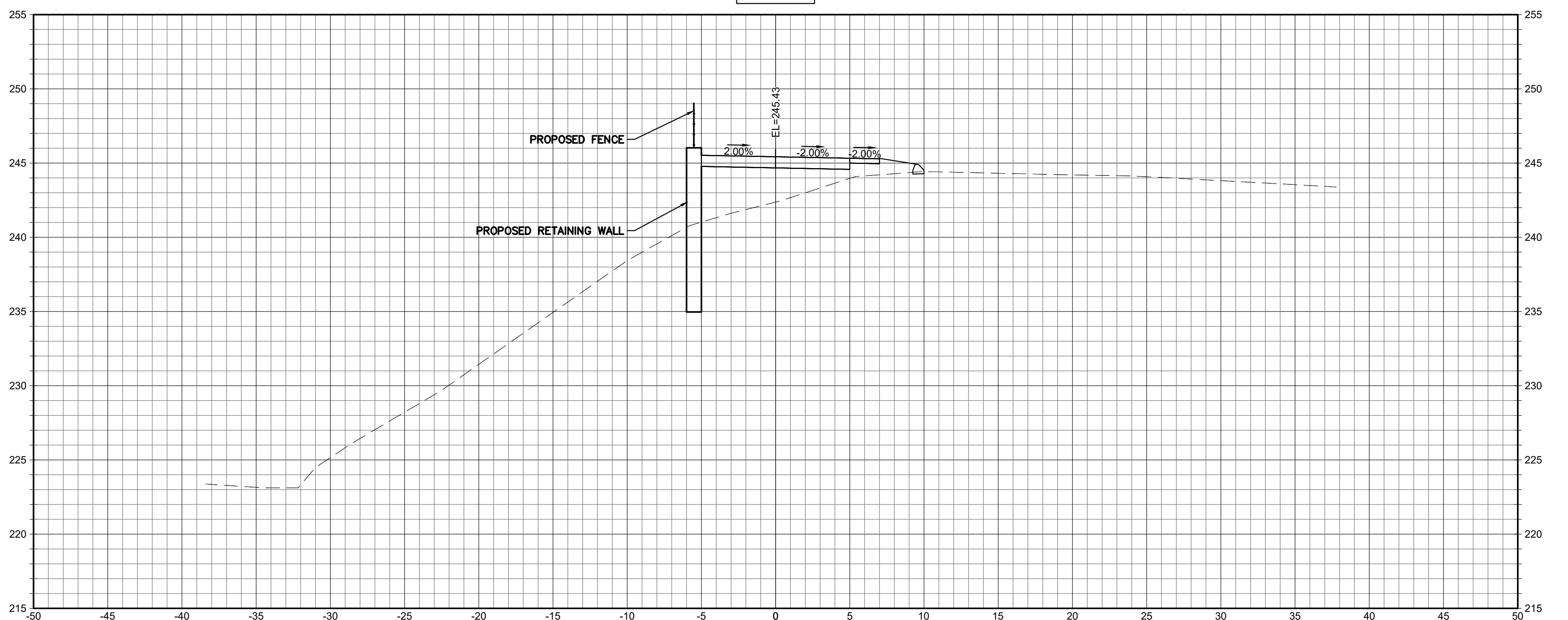
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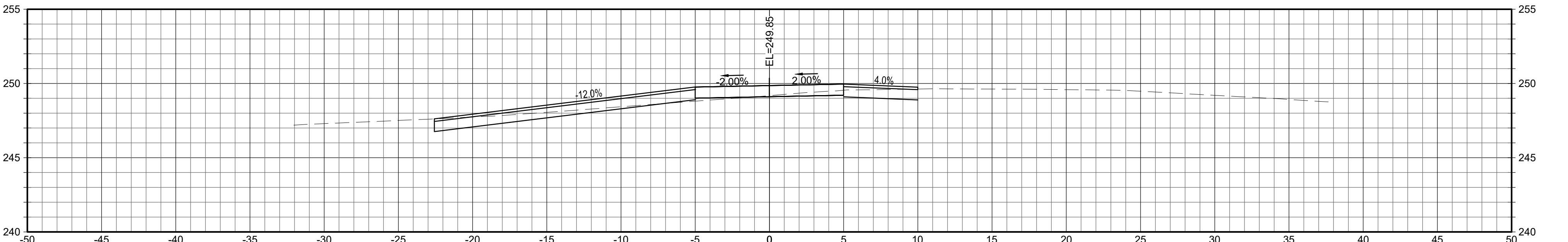
59+00



$$53+50$$



$$51+65$$



## SECTIONS

SCALE: 1"=5'

J:\ws03\local\WSE\Projects\CT\Tledyard CT\TENG20-1119 LOTCP MultiUse Trail 2020\CAD\LEDYARD\_MUT\_XSC.dwg

## CRITICAL CROSS SECTIONS

her:

# XSC-6



LEDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION  
L171-0001

741 COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

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Date: MAY 2023  
Drawn By: NSD  
Reviewed By: RC  
Approved By: MJJ  
W&S Project No.: ENG20-1119  
W&S File No.:

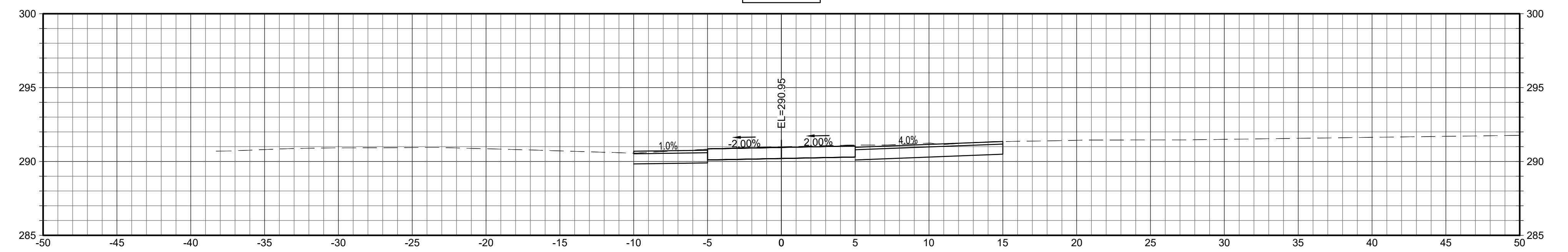
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CRITICAL CROSS  
SECTIONS

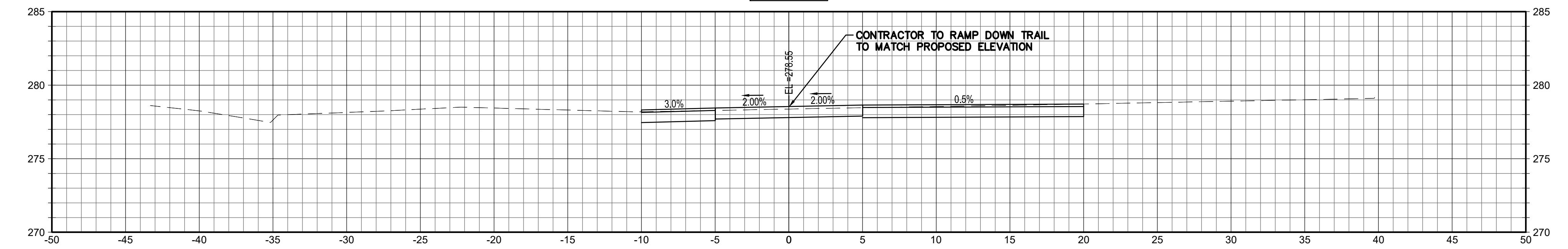
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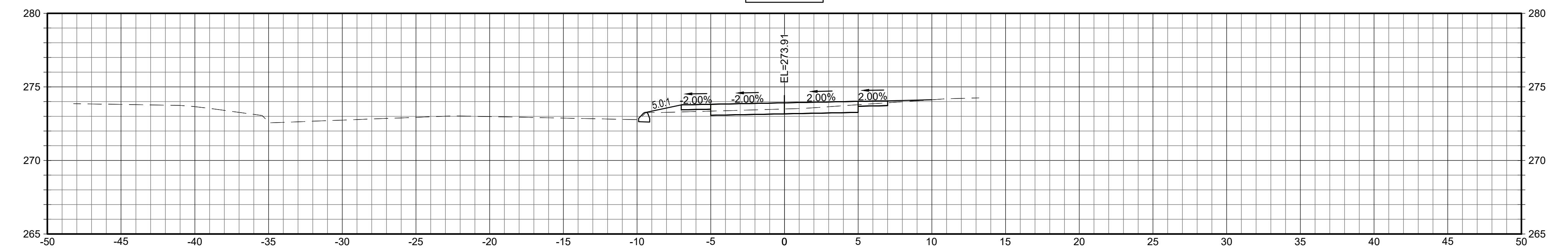
**65+50**



**62+85**



**62+00**



**SECTIONS**

SCALE: 1"=5'

0 5' 10' 15'



LEDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION  
L171-001

741 COLONEL LEDYARD HIGHWAY  
LEDYARD, CT 06339

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Drawn By: NSD  
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Approved By: MJJ  
W&S Project No.: ENG20-1119  
W&S File No.:

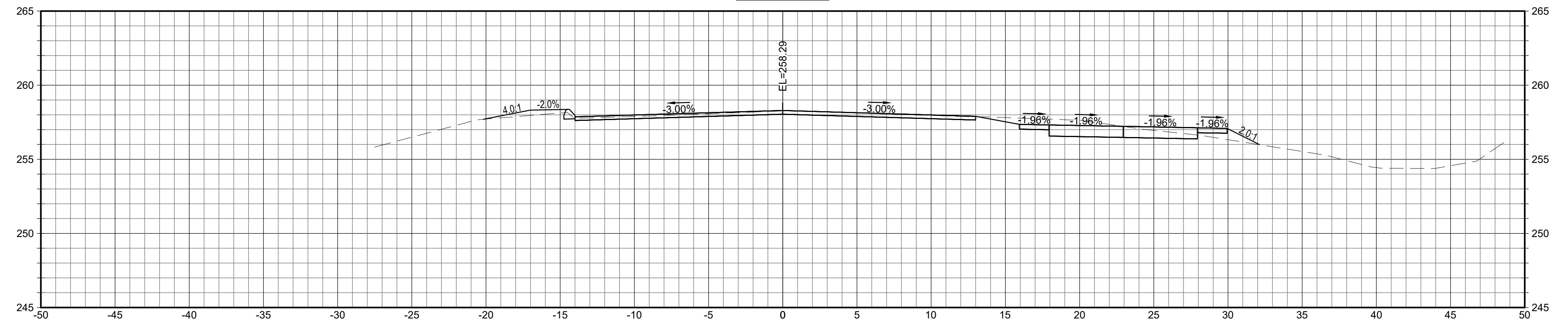
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CRITICAL CROSS  
SECTIONS

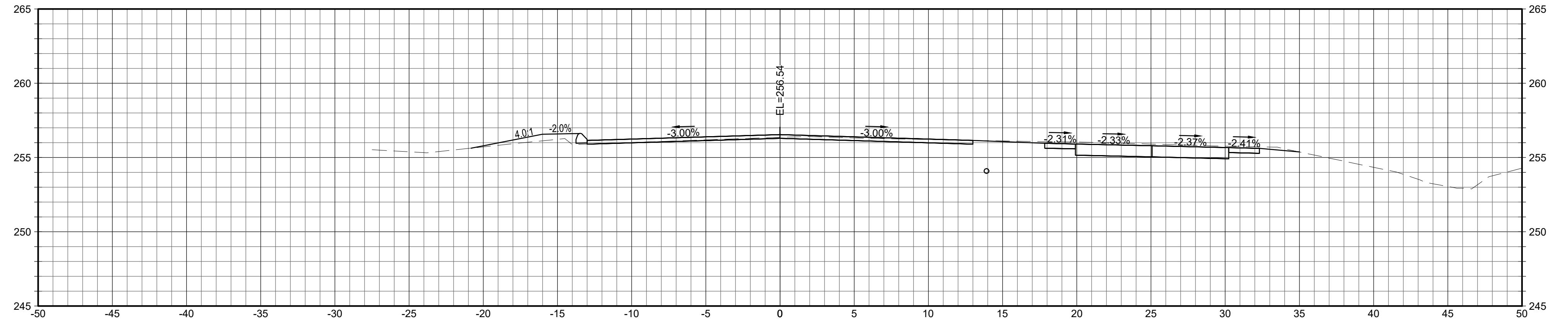
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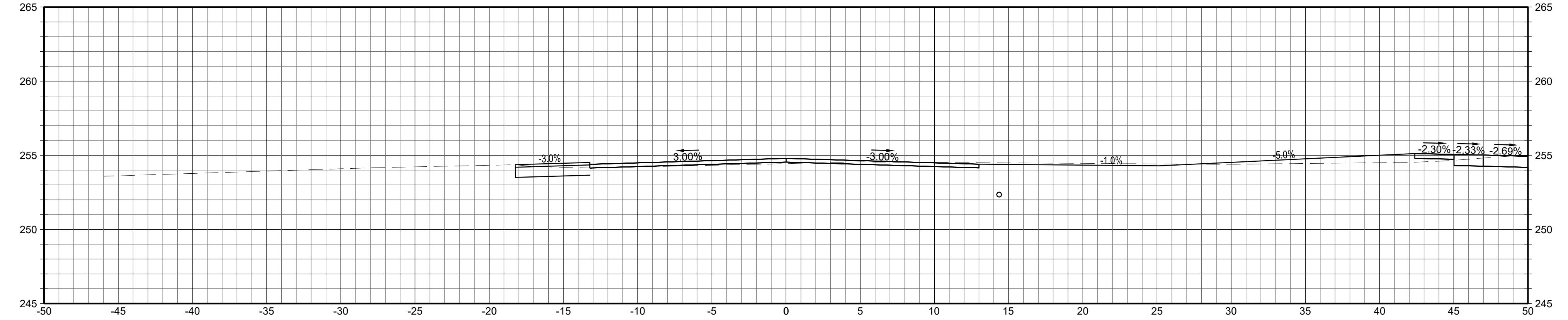
**302+00**



**301+50**



**301+00**



**SECTIONS**

SCALE: 1"=5'

0 5' 10' 15'

**GENERAL NOTES:**  
THE STRUCTURAL DRAWINGS SHALL BE USED IN CONJUNCTION WITH ALL OTHER CONTRACT DRAWINGS AND SPECIFICATIONS. REFER TO CONTRACT DRAWINGS FOR LOCATION, DIMENSIONS, AND DETAILS, OTHER PROJECT REQUIREMENTS NOT SHOWN ON STRUCTURAL DRAWINGS.

**SPECIFICATIONS:**  
CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM B118 (2020), SUPPLEMENTAL SPECIFICATIONS DATED JANUARY 2021, AND SPECIAL PROVISIONS.

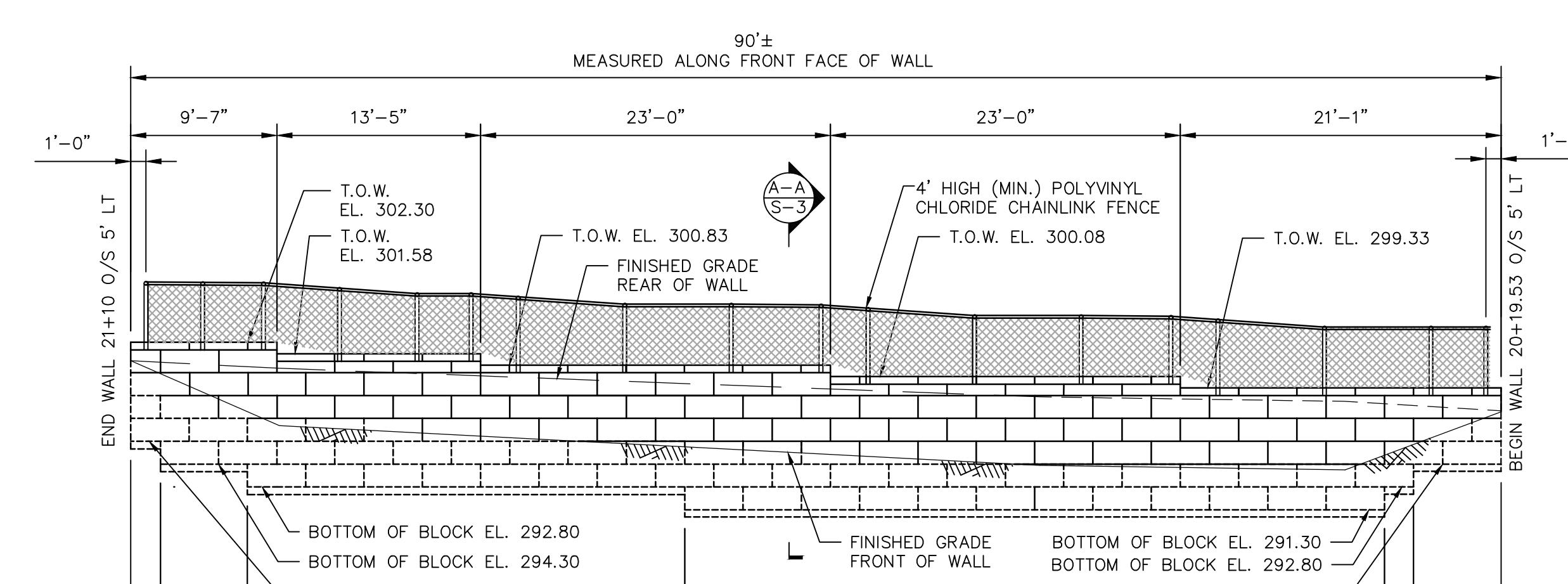
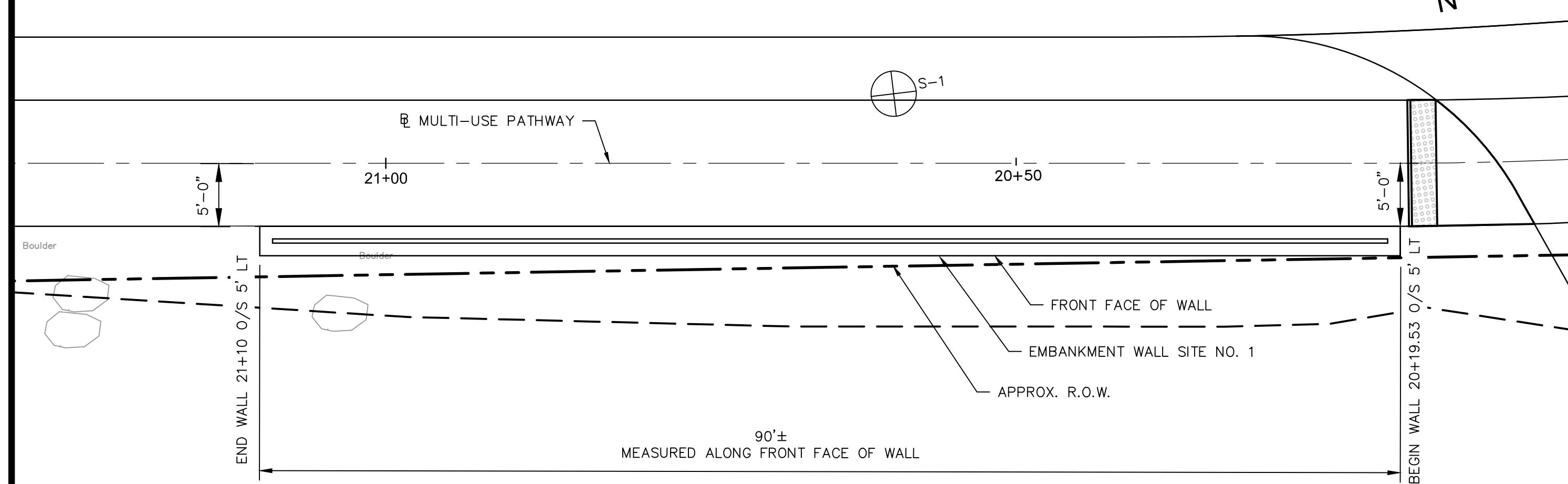
**MATERIAL STRENGTHS:**  
CONCRETE:  
CLASS PCC0446Z..... $f_c = 4,000$  PSI

**FUTURE PAVING ALLOWANCE:**  
NONE

**DIMENSIONS:**  
WHEN DECIMAL DIMENSIONS ARE GIVEN TO LESS THAN THREE DECIMAL PLACES, THE OMITTED DIGITS SHALL BE ASSUMED TO BE ZEROS.

**EXISTING DIMENSIONS:**  
DIMENSIONS OF THE EXISTING STRUCTURE SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY. THEY HAVE BEEN TAKEN FROM THE ORIGINAL DESIGN DRAWINGS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY. WHEN SHOP DRAWINGS BASED ON FIELD MEASUREMENTS ARE SUBMITTED FOR REVIEW, THE FIELD MEASUREMENTS SHALL ALSO BE SUBMITTED FOR REVIEW BY THE REVIEWER.

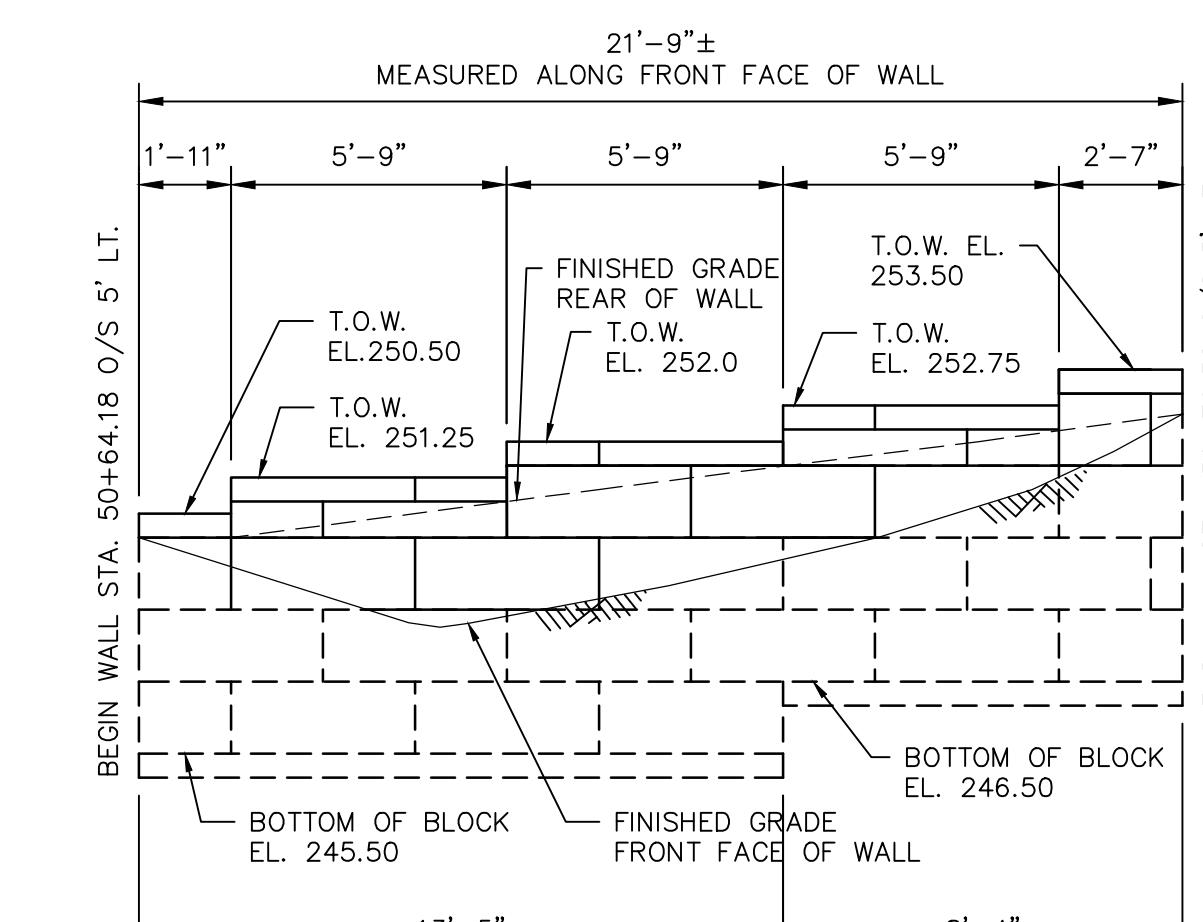
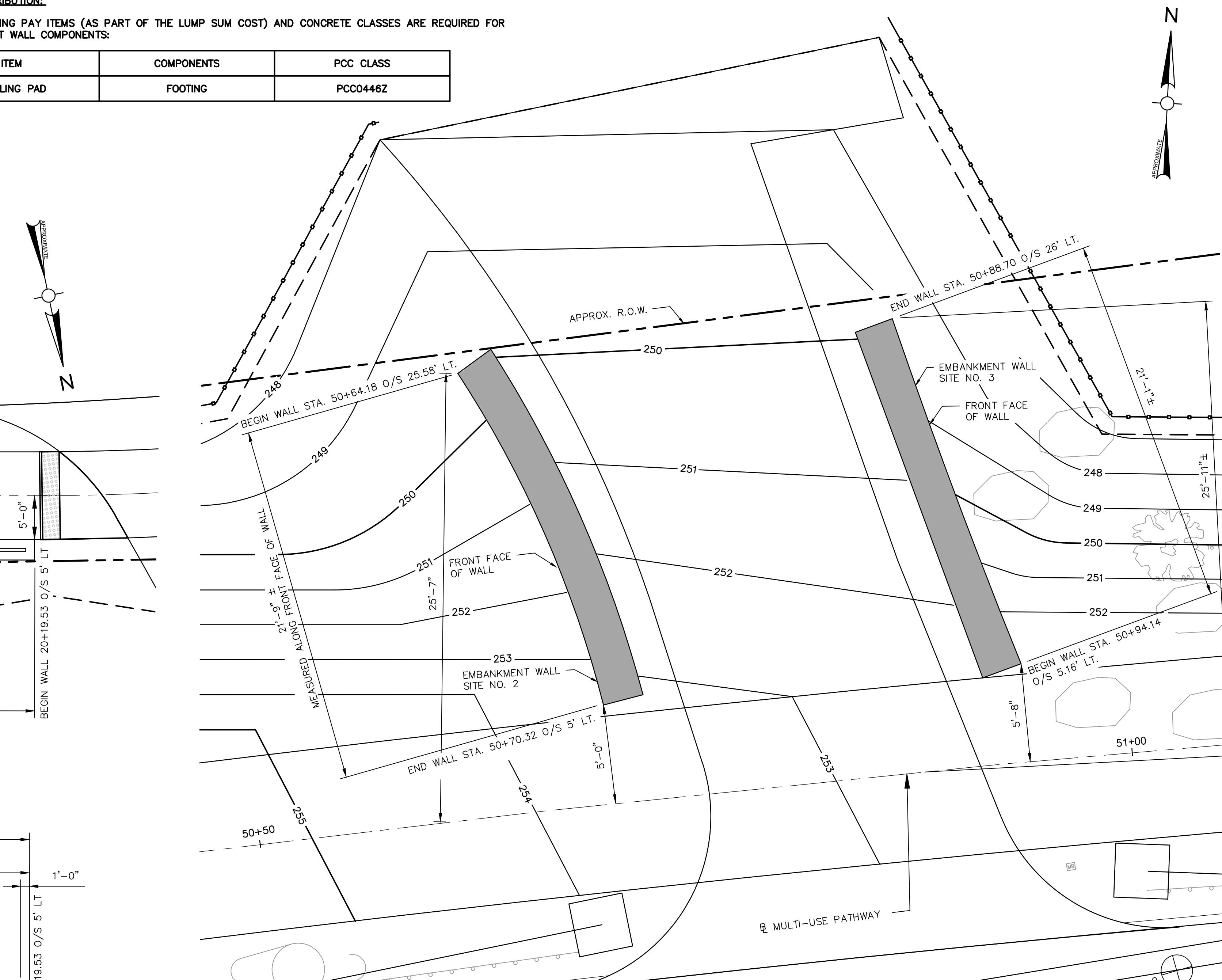
**PROPOSED DIMENSIONS:**  
DIMENSIONS OF THE PROPOSED EMBANKMENT WALLS ARE BASED ON REDI-ROCK BLOCK FACE AND ARE USED AS A GENERAL REFERENCE FOR THE WALL LAYOUT. THE CONTRACTOR IS TO VERIFY THE MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK OF THE EMBANKMENT WALLS AND SHALL ASSUME FULL RESPONSIBILITY OF THEIR ACCURACY.



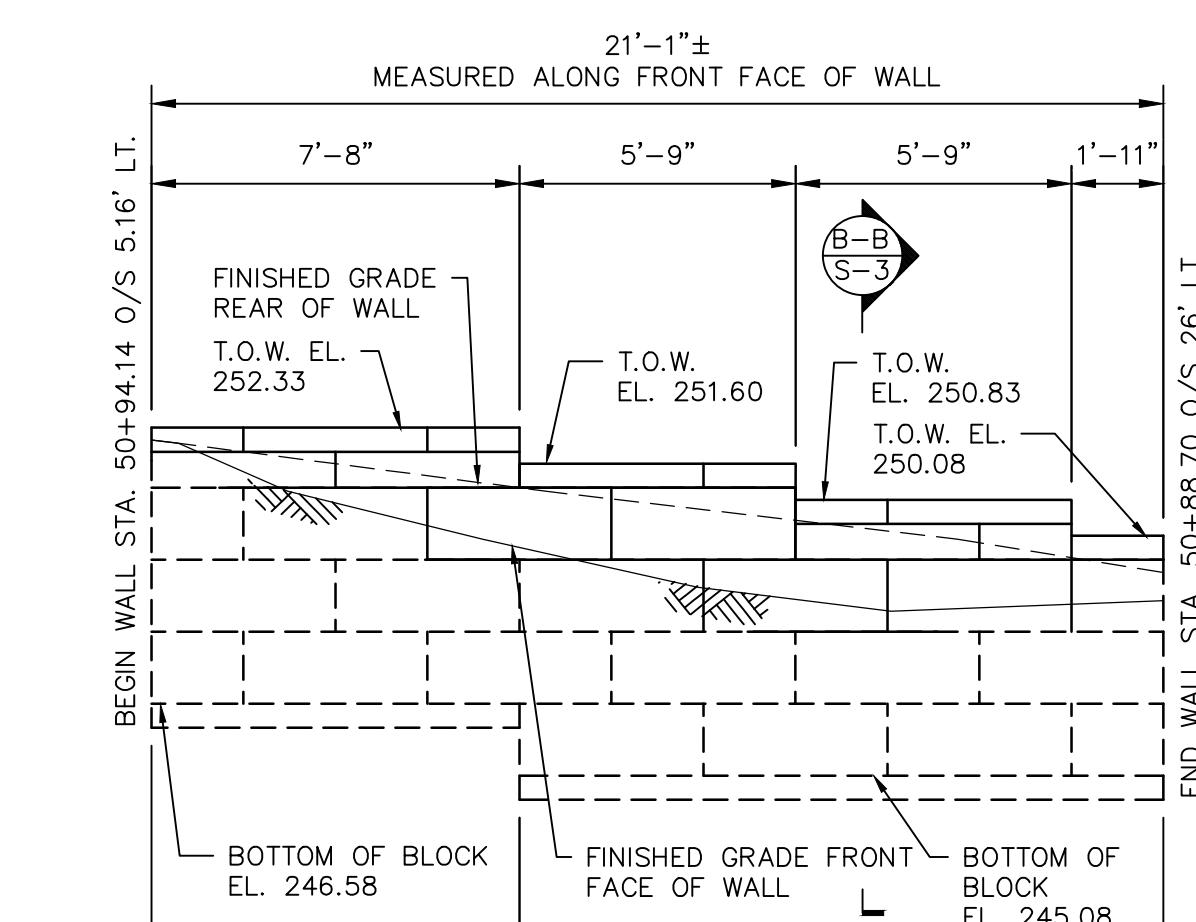
**CONCRETE DISTRIBUTION:**

THE FOLLOWING PAY ITEMS (AS PART OF THE LUMP SUM COST) AND CONCRETE CLASSES ARE REQUIRED FOR EMBANKMENT WALL COMPONENTS:

ITEM	COMPONENTS	PCC CLASS
LEVELING PAD	FOOTING	PCC0446Z



ELEVATION - SITE NO. 2  
SCALE 1/4"=1'-0"



ELEVATION - SITE NO. 3  
SCALE 1/4"=1'-0"

Project:  
TOWN OF LEDYARD, CT



LEDYARD HIGH SCHOOL  
MULTI-USE PATHWAY &  
SIDEWALK EXTENSION

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Date: JAN 2023  
Drawn By: JR  
Reviewed By: PJG  
Approved By: LAS  
W&S Project No.: ENG20-1119  
W&S File No.:

Drawing Title:  
**EMBANKMENT WALL**  
SITE NO. 1,  
NO. 2, NO. 3  
PLAN AND  
ELEVATION

Sheet Number:

**S-1**







