

WALL STREET (ROUTE 316) SIDEWALK IMPROVEMENTS RHAM SCHOOL TO RIDGE ROAD HEBRON, CONNECTICUT

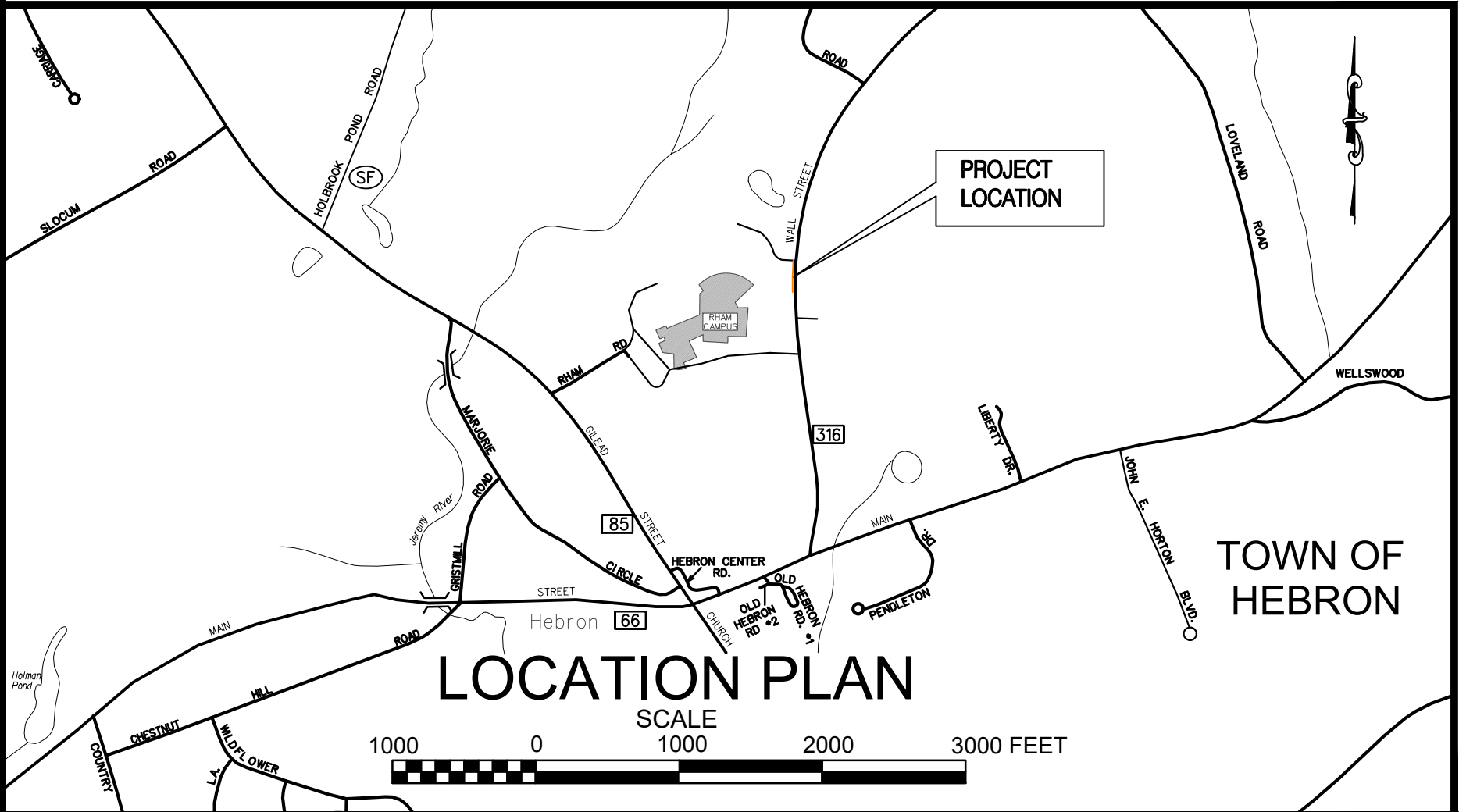
PREPARED FOR :
TOWN OF HEBRON



TOWN MANAGER: ANDREW J. TIERNEY
TOWN ENGINEER: THOMAS FENTON, P.E.

STATE PROJECT #2020-067-149
RFP #2023-03
ISSUED FOR BID

MAY, 2023



INDEX OF DRAWINGS

SHEET NO.	DRAWING NO.	DRAWING TITLE
1	TSH-1	TITLE SHEET
2	EX-1	EXISTING CONDITIONS PLAN
3-4	BP-1 TO BP-2	BORING PLANS
5-6	PLN-1 TO PLN-2	SITE PLANS
7-8	S-1 TO S-2	STRUCTURAL PLANS AND DETAILS
9-11	MDS-1 TO MDS-3	DETAIL SHEETS

PROJECT NO.: 2020-067-149	DRAWING NO.: TSH-1	SHEET NO.: 1
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THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH THE REGULATIONS OF CONNECTICUT STATE AGENCIES, SECTIONS 20-300b-1 THRU 20-300b-20, AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996. THE TYPE OF SURVEY IS A TOPOGRAPHIC SURVEY CONFORMING TO CLASS T-2 VERTICAL ACCURACY.

2. ELEVATIONS REFER TO THE NORTH AMERICAN DATUM. (NAVD 88) BASED UPON THE "SUPERIOR GPS NETWORK" PROVIDED BY REAL TIME SURVEY GRADE GPS ROVER.
3. REFERENCE IS MADE TO THE FOLLOWING MAP ENTITLED: "BOUNDARY SURVEY PREPARED FOR REGIONAL SCHOOL DISTRICT EIGHT, HEBRON, CONNECTICUT" BY LENARD ENGINEERING, INC. SCALE 1"=100' AND DATED AUGUST 29, 2000.



TRAFFIC FLOW

PROPERTY LINE

STATE RIGHT OF WAY

EXISTING WETLANDS

EXISTING GUIDE RAIL

									THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.
	02/03/20	ISSUED FOR BID							
REV.	DATE	REVISION	DESCRIPTION	SHEET	NO.	DATE PLOTTED: 5/05/2023			

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DESIGNER/DRAFTER:

CHECKED BY:

SCALE IN FEET

SCALE 1"=40'



SIGNATURE/
BLOCK:

PROJECT TITLE:

WALL STREET (ROUTE 316)
SIDEWALK IMPROVEMENTS
RHAM CAMPUS TO RIDGE ROAD

TOWN:

HEBRON

DRAWING TITLE:

EXISTING CONDITIONS

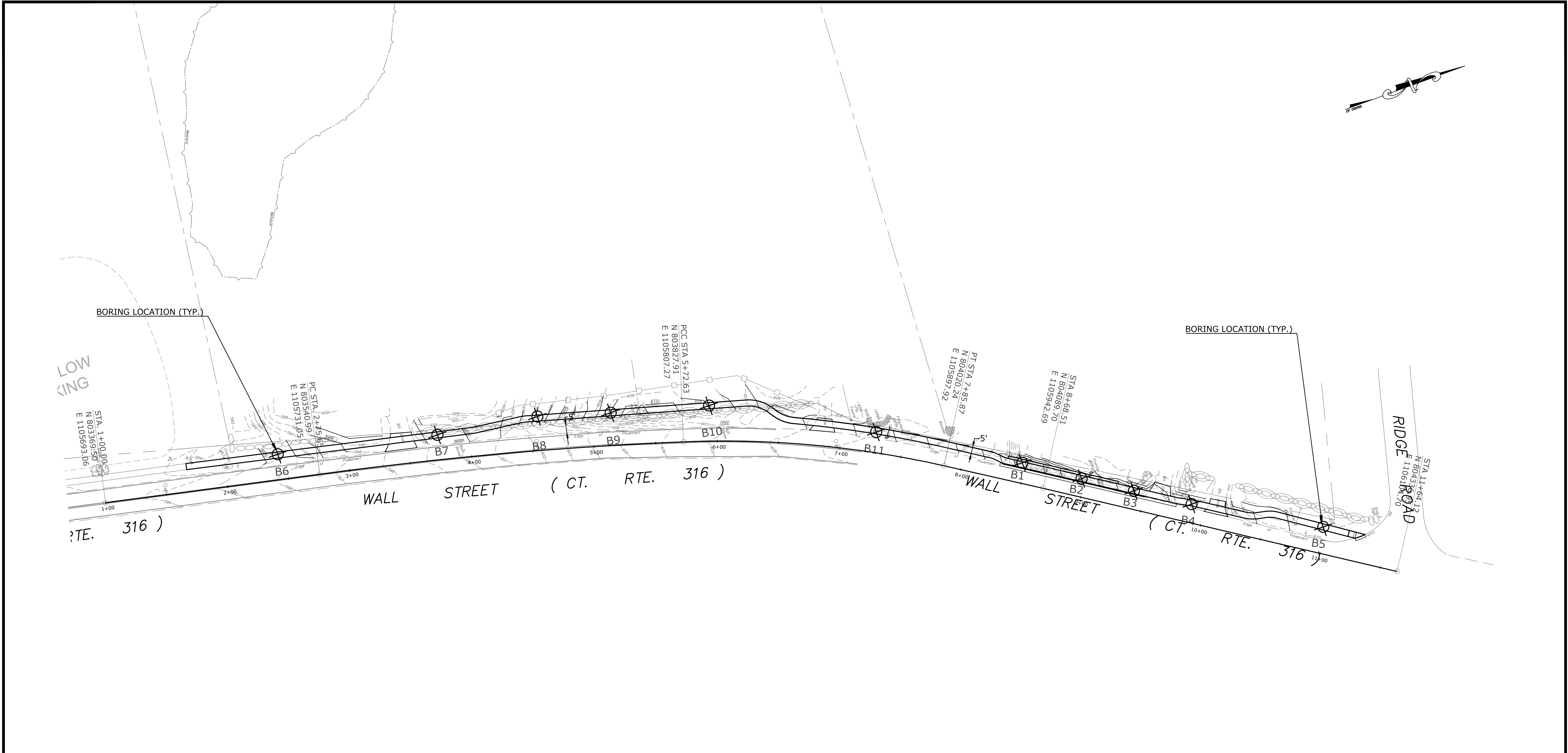
PROJECT NO.:

DRAWING NO.:

EX-1

SHEET NO.:

2



LEGEND

- NUMBER OF PARKING SPACES
- PROPOSED CONTOUR
- EXISTING CONTOUR
- FLOW ARROW
- SPEED BUMP
- SOIL BORING

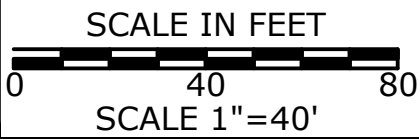
REV.	DATE	REVISION	DESCRIPTION	SHEET. NO.
	02/03/20	ISSUED FOR BID		

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CHECKED BY:



FILENAME:

SIGNATURE/
BLOCK:

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WALL STREET (ROUTE 316)
SIDEWALK IMPROVEMENTS
RHAM CAMPUS TO RIDGE ROAD

TOWN:

HEBRON

DRAWING TITLE:

BORING PLAN

PROJECT NO.:

2020-067-149

DRAWING NO.:

BP-1

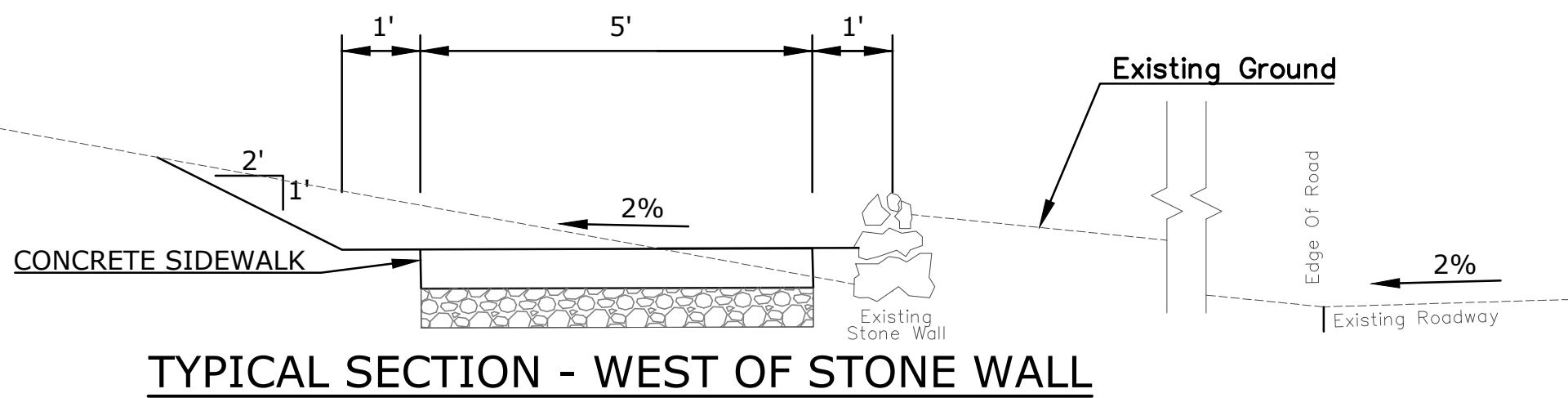
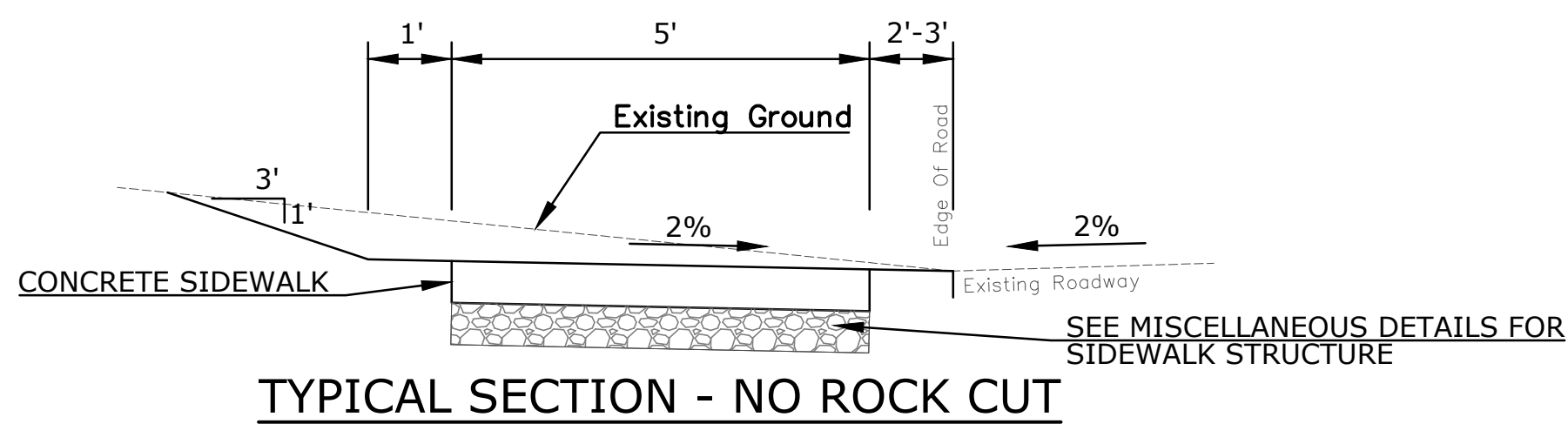
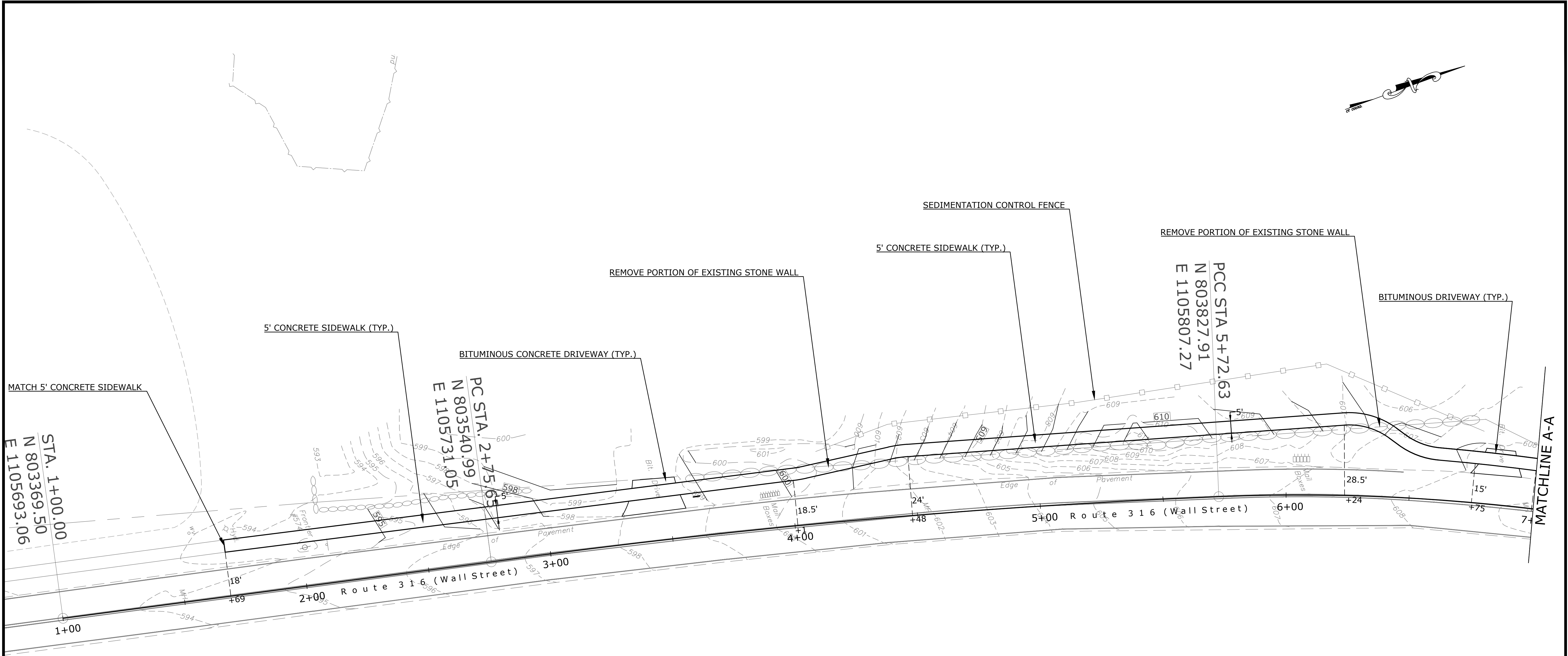
SHEET NO.:

3

Jaime Lloret DRILLER										TEST BORING REPORT										SHEET 1 OF 1									
INSPECTOR										ASSOCIATED BORINGS CO., INC. 119 MARGARET CIRCLE, NAUGATUCK, CT 06770 Tel (203) 729-5435 Fax (203) 729-5116										CME-45B DRILLING EQUIPMENT Luchs Consulting Engineers									
SOILS ENGINEER										PROJECT NUMBER: Rham Campus to Wall Street										CLIENT									
Surface Elevation:										LOCATION: Hebrom, Connecticut										Hole No. B-3									
Date Started: 5/25/2022										Auger Casing Sampler Core Bar										Line & Station									
Date Finished: 5/25/2022										Type Size I. D. 2 1/4 in SS 2 in										Offset									
Groundwater Observations										Type Size I. D. 2 1/4 in SS 2 in										Offset									
AT None 'AFTER 0 HRS Hammer										Type Size I. D. 2 1/4 in SS 2 in										N Coordinate									
AT 'AFTER HRS Fall										Type Size I. D. 2 1/4 in SS 2 in										E Coordinate									
SAMPLE										BLOWS										FIELD IDENTIFICATION OF SOIL									
D E P T H										PER 6 INCHES ON SAMPLER										STRATA CHANGE DEPTH, ELEV.									
Casing blows per foot										DEPTH IN FEET FROM - TO										REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)									
5										0 - 6 [6 - 12 12-18 18-24										Gr. Br. C-F Sand and C-F Gravel									
10																				End of Boring - 4.0									
15																				No samples due to overhead wires									
20																													
25																													
30																													
35																													
40																													
From Ground Surface to										Feet Used										Inch Casing Then									
Footage in Earth 4.0										Footage in Rock 0.0										No. of Samples 0									
SAMPLE TYPE CODING: D = DRIVEN										C = CORE										A = AUGER									
PROPORTIONS USED: TRACE = 1-10%										LITTLE = 10-20%										SOME = 20-35%									
																				UP = UNDISTURBED PISTON AND = 35-50%									

[illegible]

Q:\Projects\Luchs Projects\17030 Hebron RHAM campus\Design\Sidewalk Phase\Sidewalk Boring Plan.dwg



LEGEND	
	NUMBER OF PARKING SPACES
	PROPOSED CONTOUR
	EXISTING CONTOUR
	FLOW ARROW
	SPEED BUMP
	SOIL BORING

REV.	DATE	REVISION	DESCRIPTION	SHEET. NO.	DATE PLOTTED:
02/03/20	ISSUED FOR BID				5/05/2023

DESIGNER/DRAFTER:
CHECKED BY:
SCALE IN FEET
0 20 40
SCALE 1"=20'



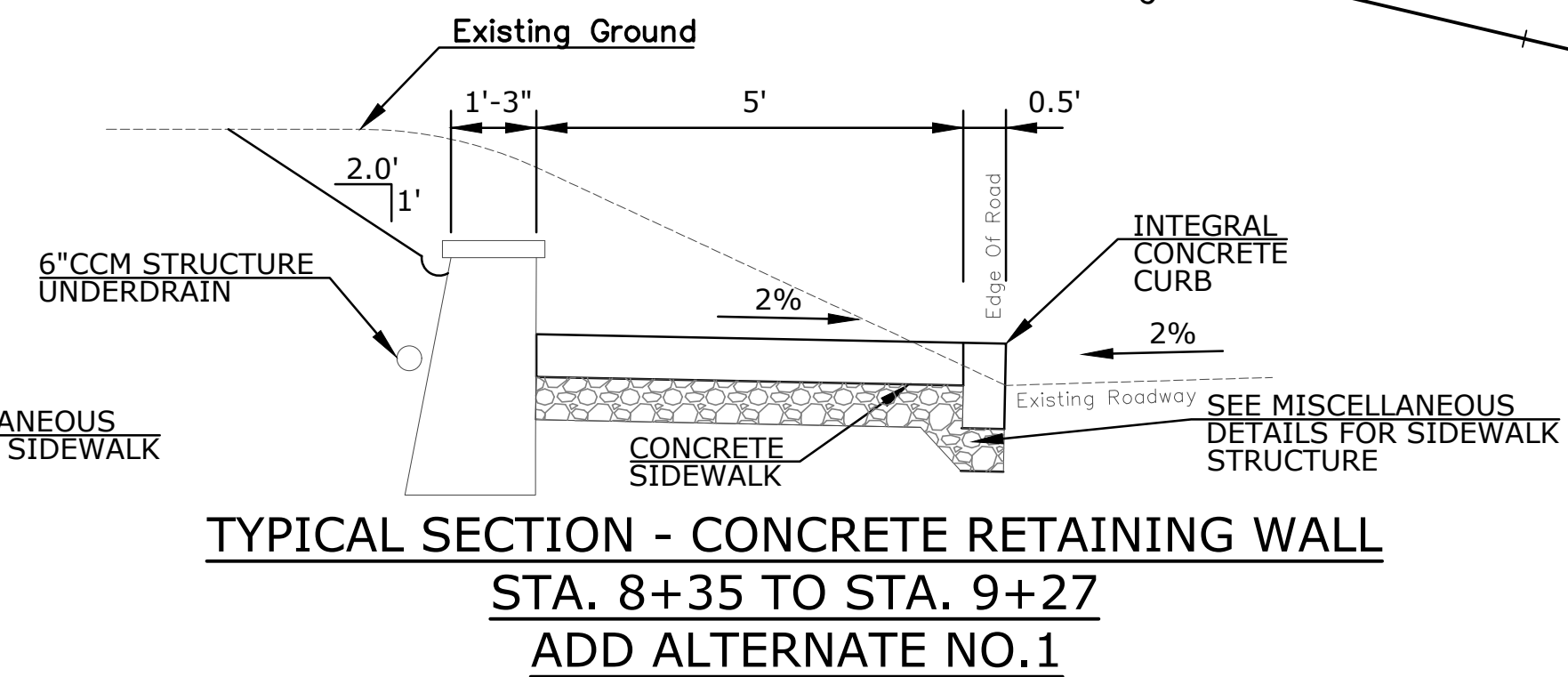
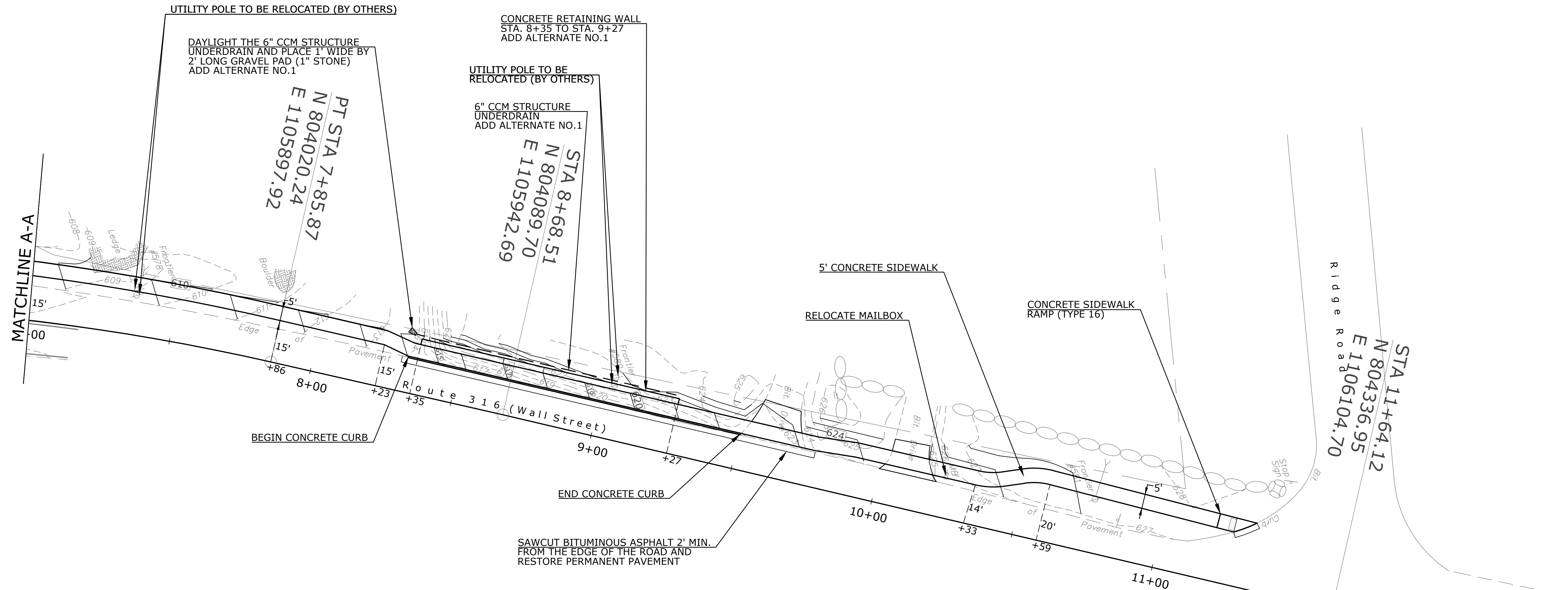
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PROJECT TITLE:
WALL STREET (ROUTE 316) SIDEWALK IMPROVEMENTS RHAM CAMPUS TO RIDGE ROAD

TOWN:
HEBRON
DRAWING TITLE:
SIDEWALK PLAN

PROJECT NO.:
2020-067-149
DRAWING NO.:
PL-1
SHEET NO.:
5

1. ONCE THE CONTRACTOR REMOVES THE EXCESS MATERIAL FROM STA. 8+35 TO STA. 9+27 FOR THE INSTALLATION OF THE SIDEWALK THE TOWN WILL DETERMINE IF A SAFE SLOPE CAN BE ESTABLISHED. IF IT IS DETERMINED THAT AN ADEQUATE SLOPE CANNOT BE ESTABLISHED THE ADD ALTERNATE NO.1 CONCRETE RETAINING WALL WILL BE CONSTRUCTED IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.

[illegible]

DESIGNER/DRAFTER:

CHECKED BY:

SCALE IN FEET

0 20 40

SCALE 1"=20'



SIGNATURE/
BLOCK:

PROJECT TITLE:

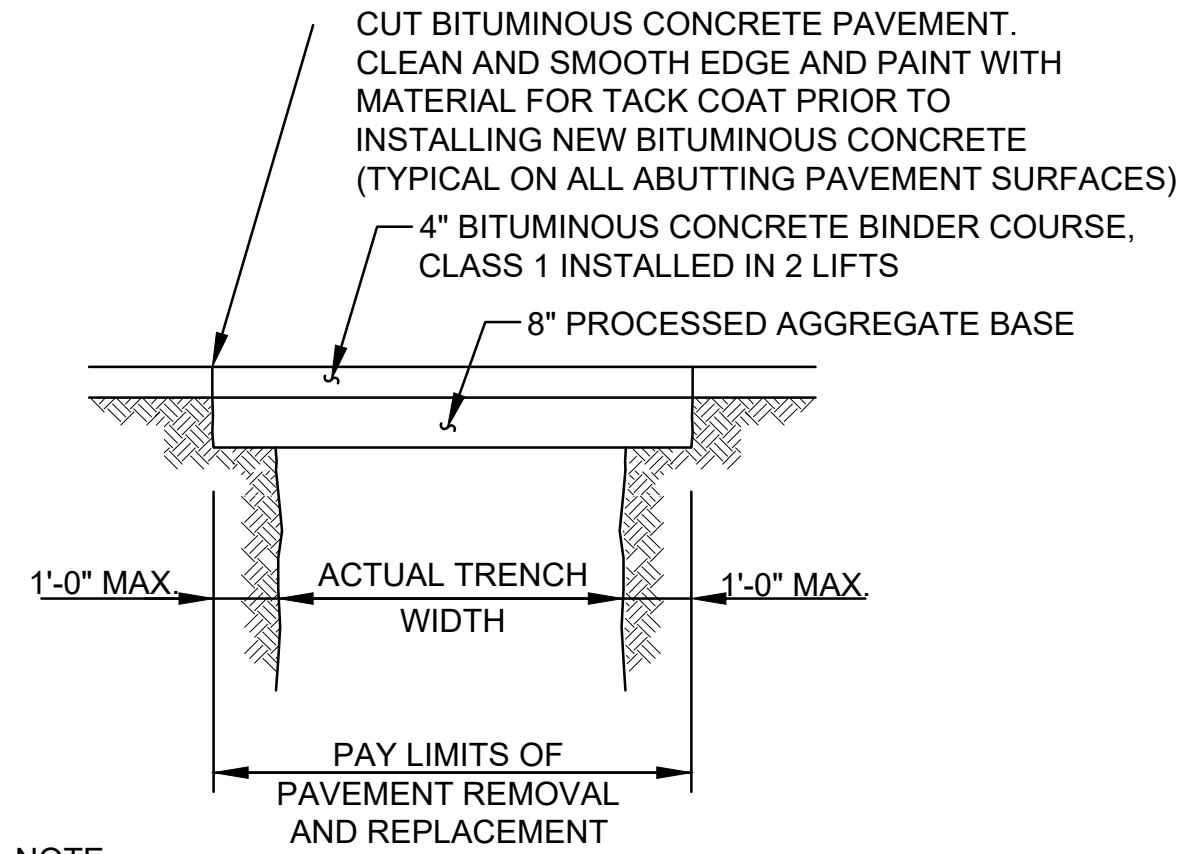
WALL STREET (ROUTE 316)
SIDEWALK IMPROVEMENTS
RHAM CAMPUS TO RIDGE ROAD

TOWN:	HEBRON	PROJECT NO.:	2020-067-149
		DRAWING NO.:	PL-2
DRAWING TITLE:	SIDEWALK PLAN	SHEET NO.:	6

PROJECT NO.:
2020-067-149

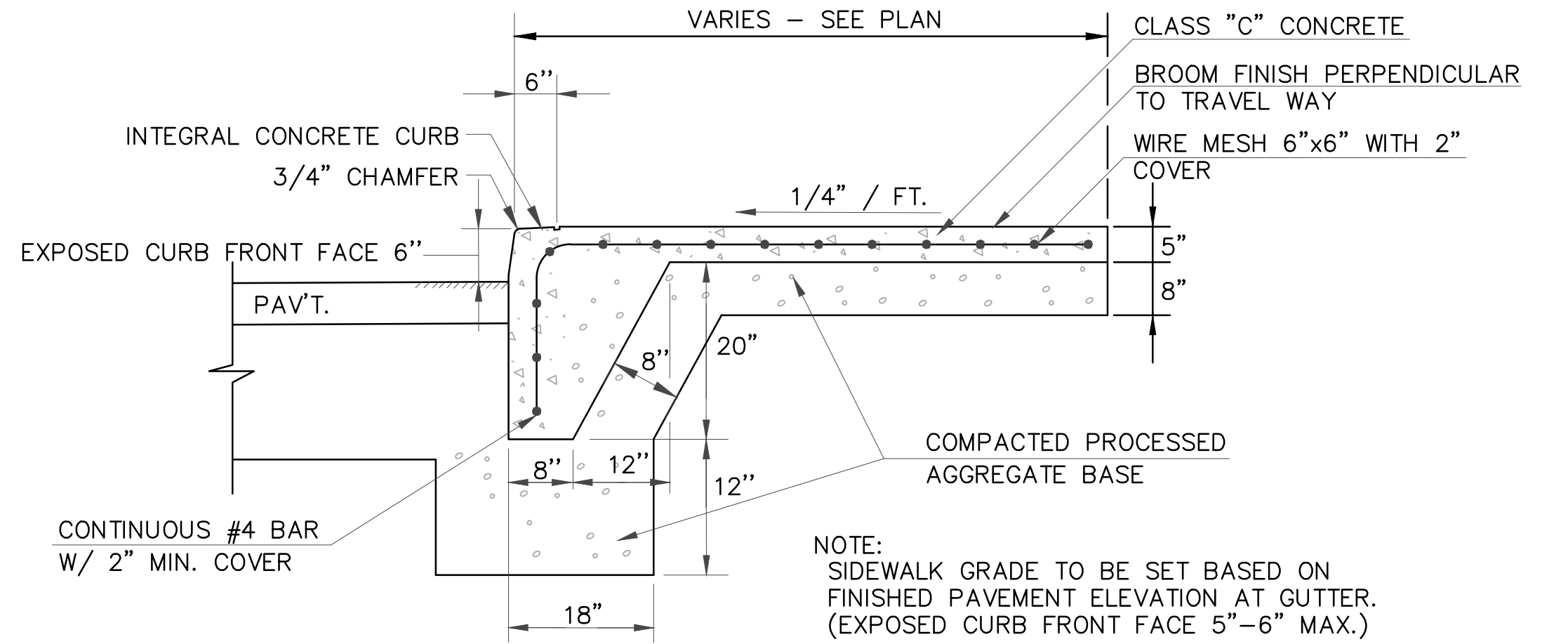
DRAWING NO.:
S-1

SHEET NO.:
7

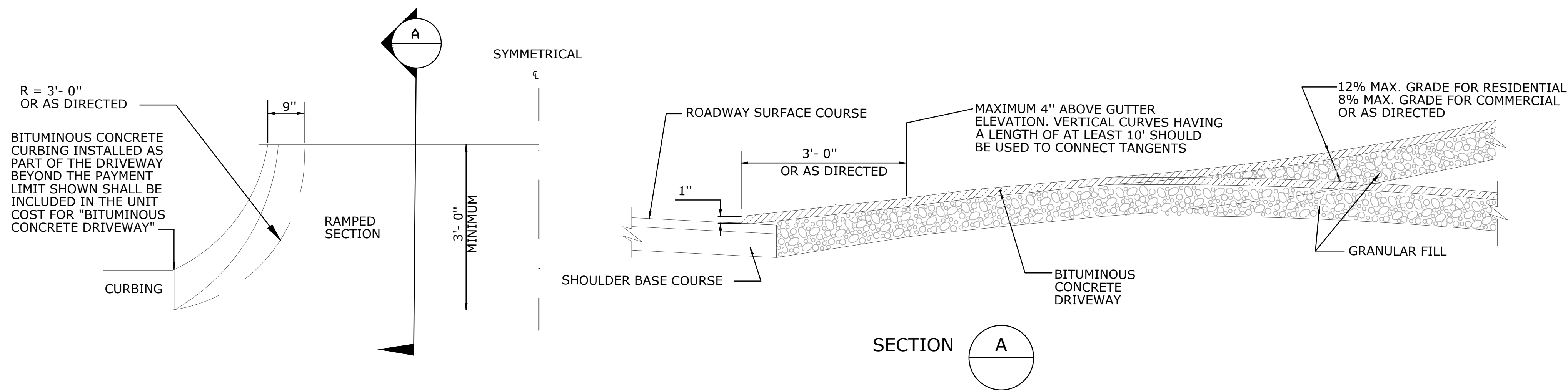


NOTE:
CUT BITUMINOUS CONCRETE PAVEMENT WILL BE PAID UNDER ITEM #0202529 - "CUT BITUMINOUS CONCRETE PAVEMENT"

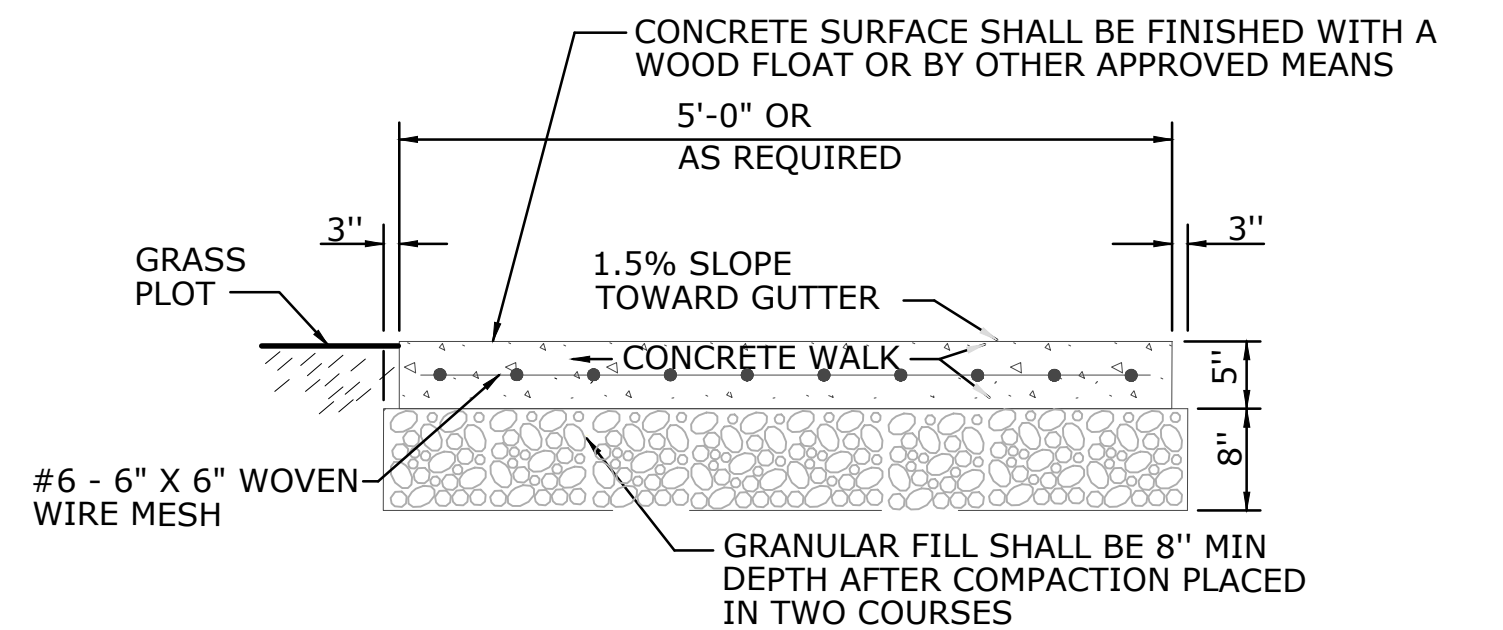
TRENCH SURFACE RESTORATION
(TEMPORARY PAVEMENT)
NOT TO SCALE



INTEGRAL CONCRETE CURB AND SIDEWALK
NOT TO SCALE



HALF BITUMINOUS CONCRETE
DRIVEWAY PLAN



CONCRETE SIDEWALK
NOT TO SCALE

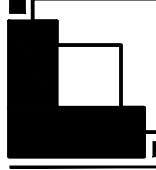
G:\Projects\Luchs Projects\17030 Hebron RHAM campus\Design\Sidewalk Phase\Details\RHAM_MDS-1.dwg

REV.	DATE	ISSUED FOR BID	REVISION	DESCRIPTION	SHEET. NO.
	02/03/20	ISSUED FOR BID			

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DATE PLOTTED: 5/05/2023

DESIGNER/DRAFTER:
CHECKED BY:
SCALE AS NOTED

**Luchs**
CONSULTING ENGINEERS
88 COLONY STREET MERIDEN, CT 06451
TELEPHONE: 203-379-0320

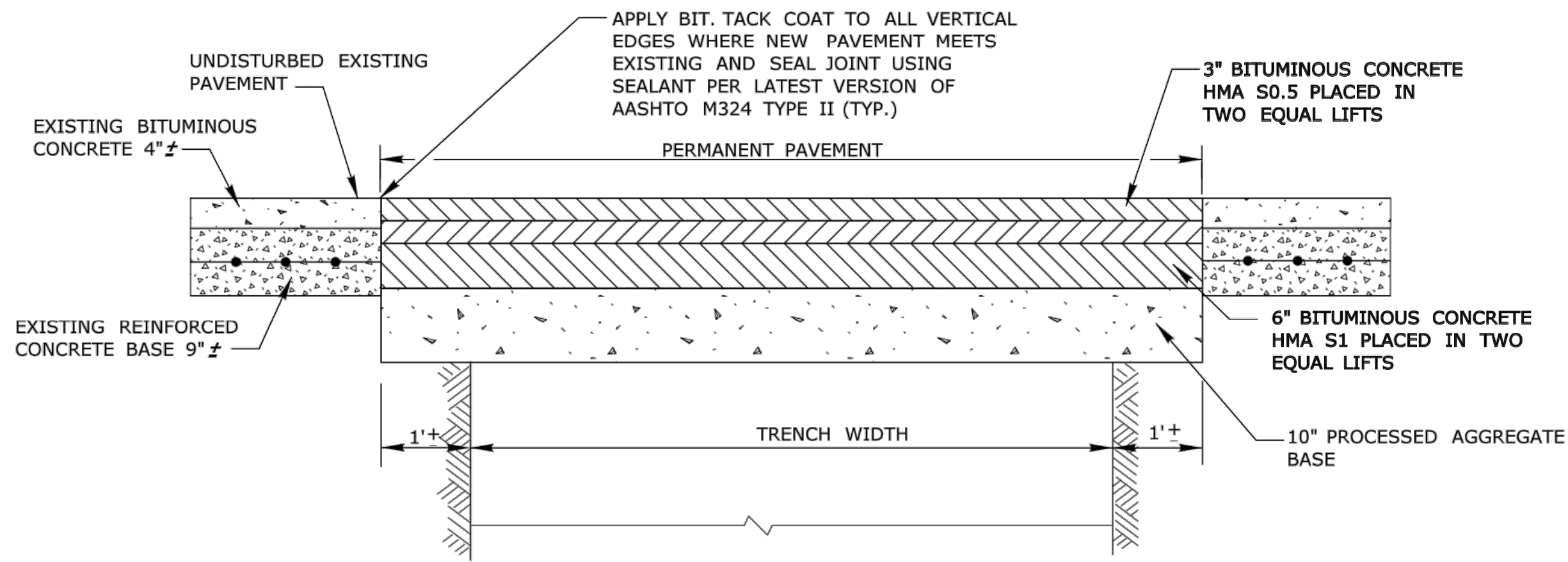
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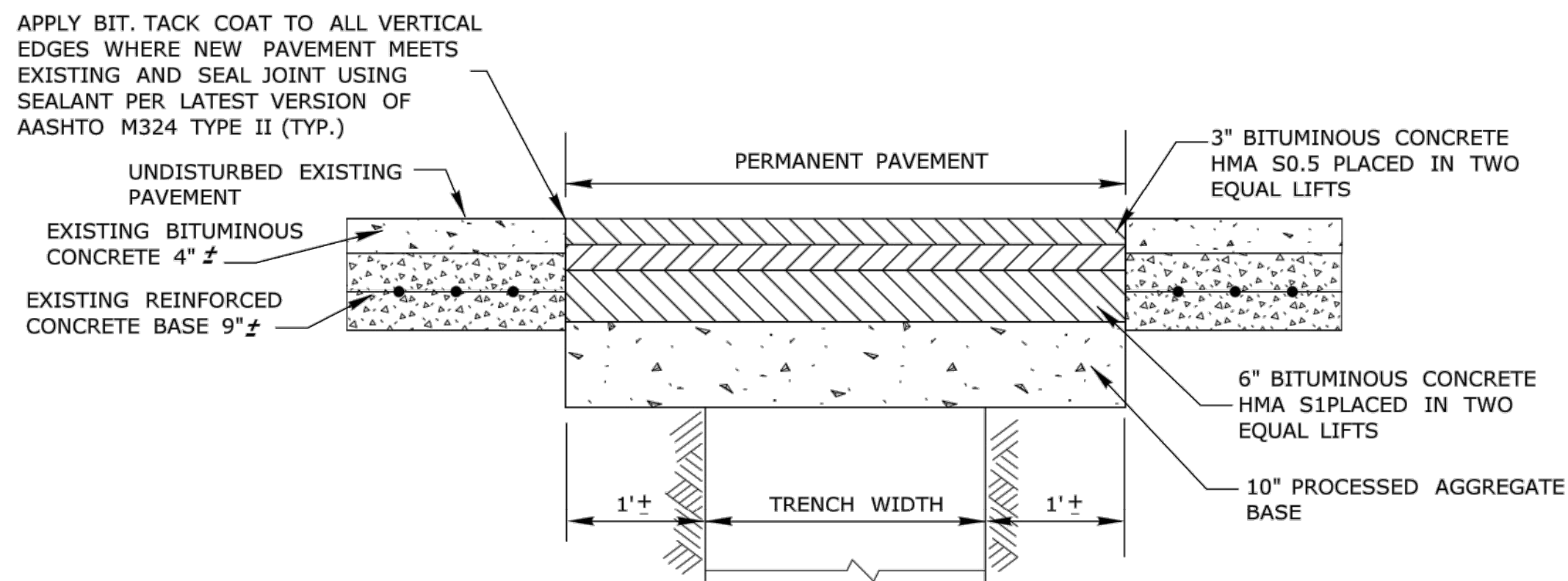
PROJECT TITLE:
WALL STREET (ROUTE 316)
SIDEWALK IMPROVEMENTS
RHAM CAMPUS TO RIDGE ROAD

TOWN:
HEBRON
DRAWING TITLE:
MISCELLANEOUS DETAILS

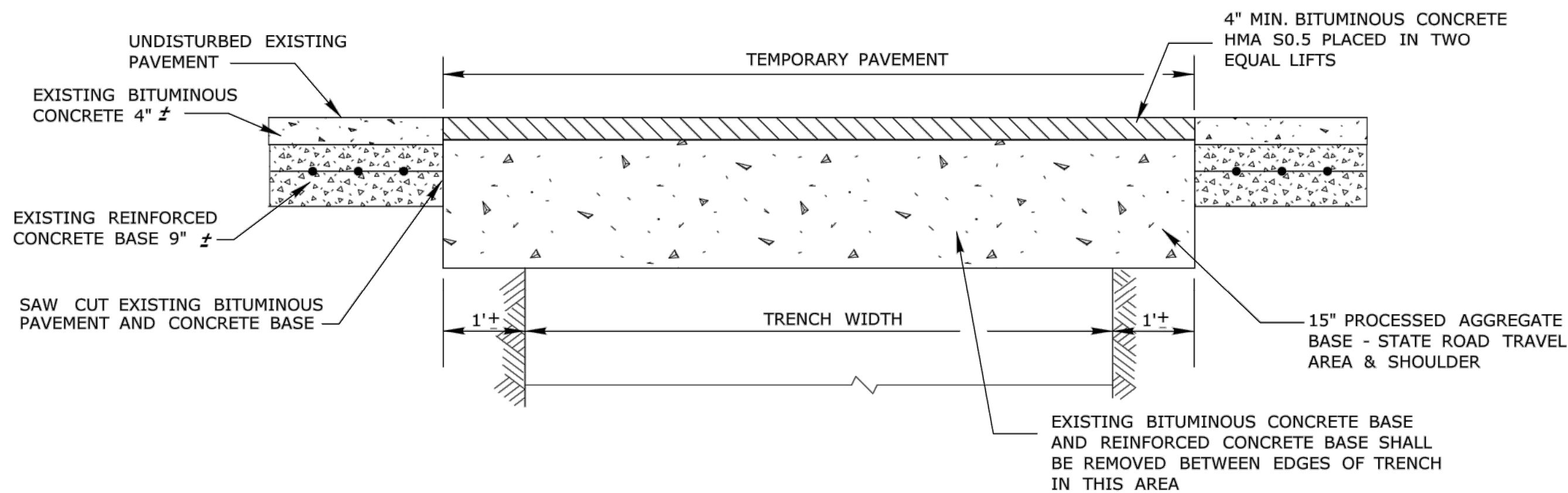
PROJECT NO.:
2020-067-149
DRAWING NO.:
MDS-1
SHEET NO.:
9



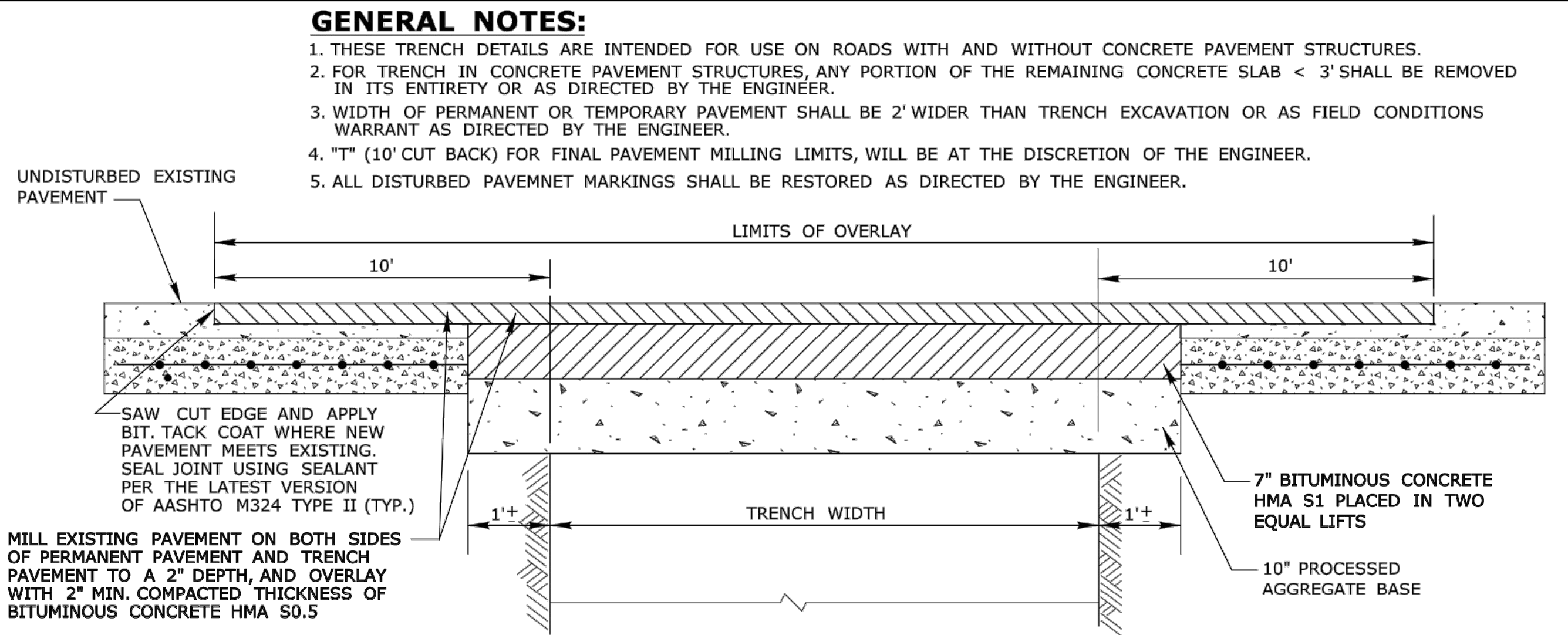
**PERMANENT PAVEMENT TRENCH DETAIL
TRENCHES PERPENDICULAR TO EDGE OF PAVEMENT**



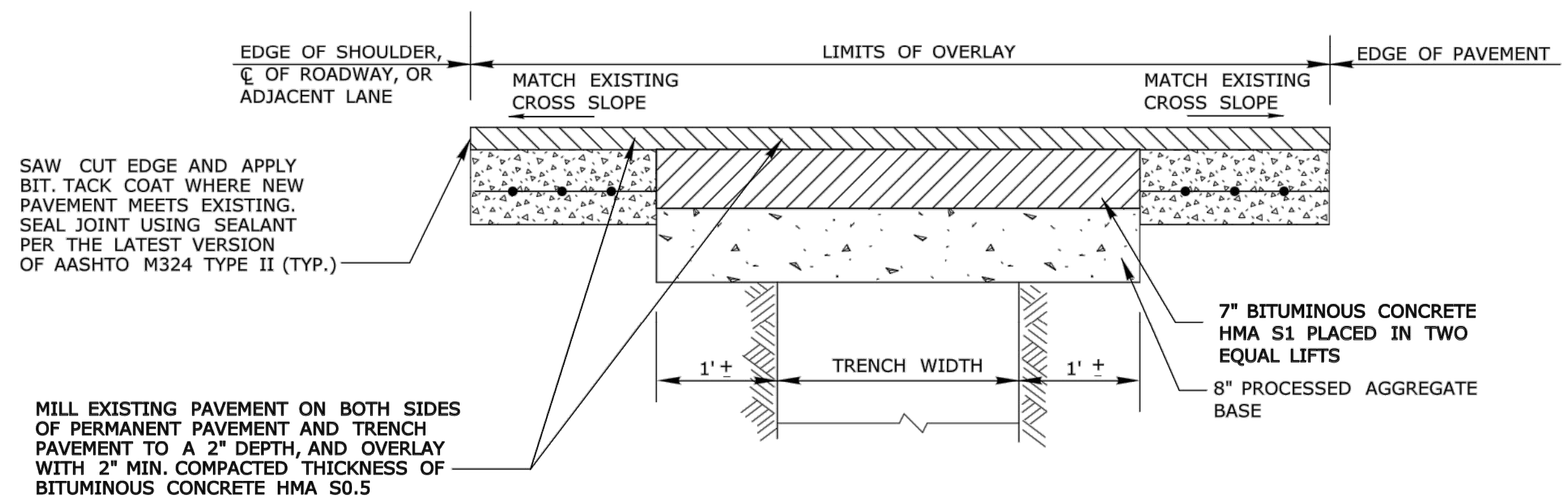
**PERMANENT PAVEMENT TRENCH DETAIL
TRENCH PARALLEL TO EDGE OF PAVEMENT**



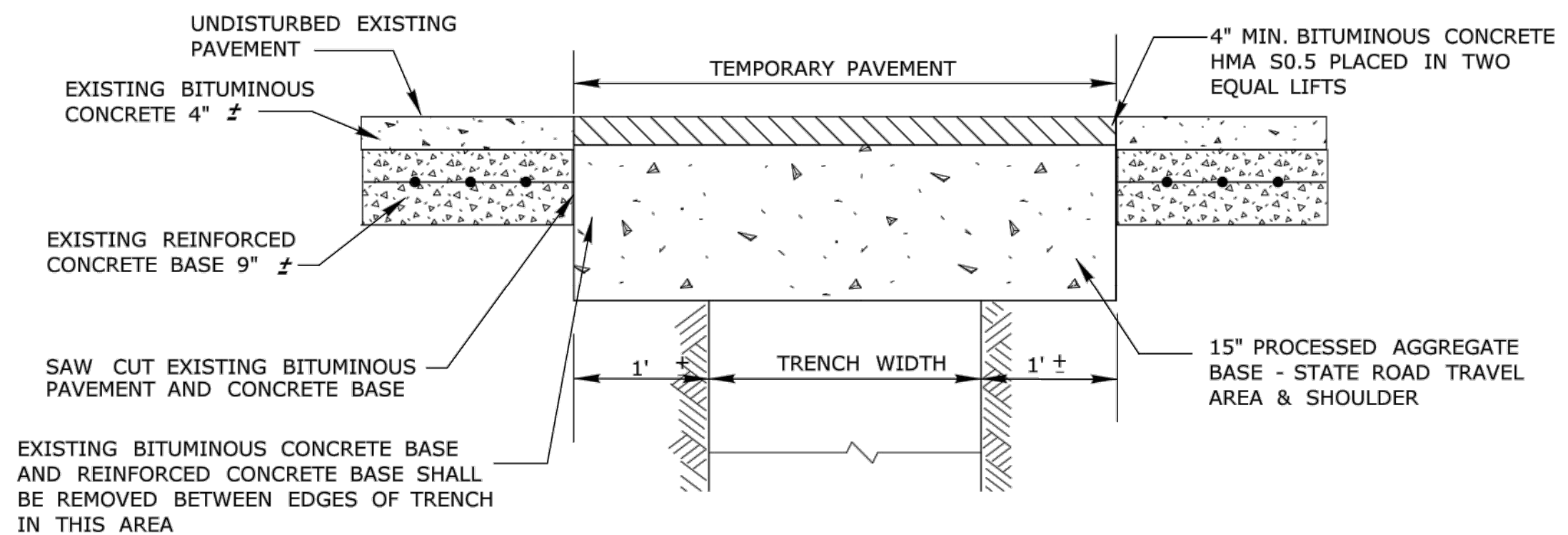
**TEMPORARY PAVEMENT DETAIL
TRENCHES PERPENDICULAR TO EDGE OF PAVEMENT**



**MILLING AND OVERLAY
TRENCHES PERPENDICULAR TO EDGE OF PAVEMENT**



**MILLING AND OVERLAY
TRENCH PARALLEL TO EDGE OF PAVEMENT**

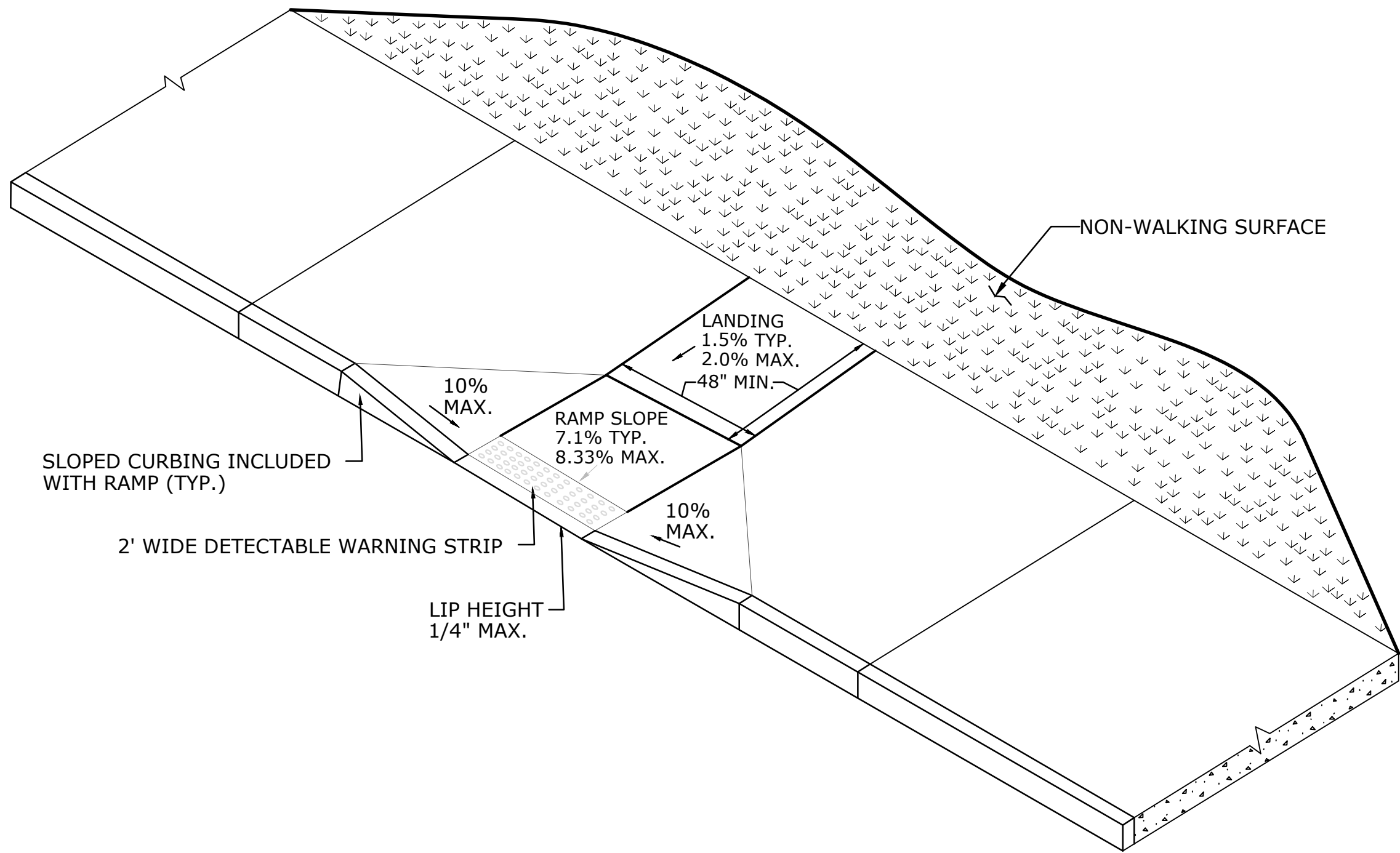


**TEMPORARY PAVEMENT DETAIL
TRENCH PARALLEL TO EDGE OF PAVEMENT**

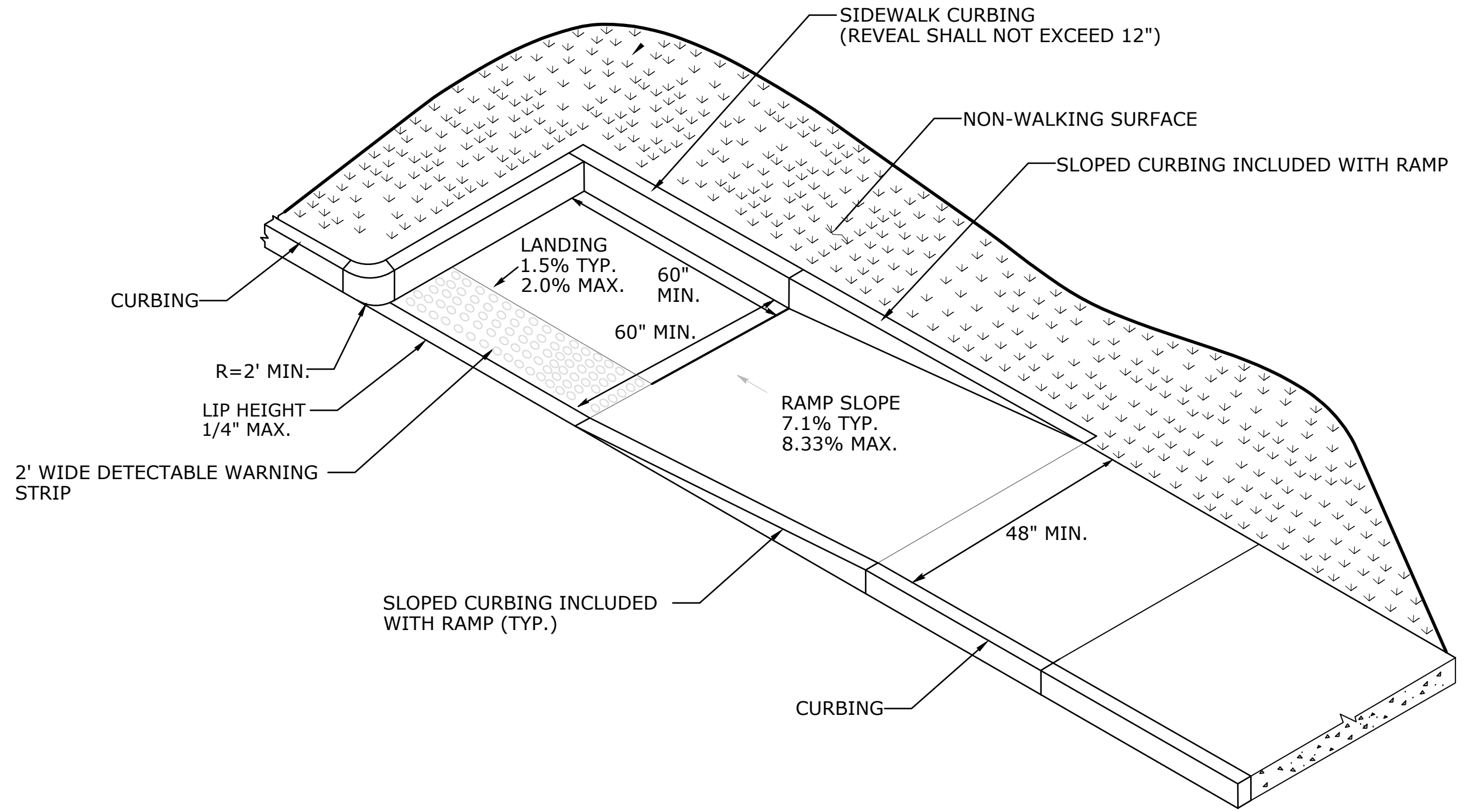
1	9/23/14	Change to HMA by MGB	-	DESIGNER/DRAFTER: M. BURNS	 STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION	SIGNATURE/ BLOCK: DISTRICT PERMIT OFFICE	PROJECT TITLE: -	TOWN: -	PROJECT NO.: -
2	4/6/15	ADD NOTES PER MAINT	-	CHECKED BY: MAINT.		APPROVED BY: -	-	-	DRAWING NO.: -
3	7/13/15	REVISED NOTE 4	-	NOT TO SCALE		FILENAME: ...TRENCH DET.STE.RDS.dgn	-	-	SHEET NO.: -
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	Plotted Date: 7/13/2015					

02/03/20	ISSUED FOR BID	THE INFORMATION, INCLUDING ESTIMATED QUANTITIES OF WORK, SHOWN ON THESE SHEETS IS BASED ON LIMITED INVESTIGATIONS BY THE STATE AND IS IN NO WAY WARRANTED TO INDICATE THE CONDITIONS OF ACTUAL QUANTITIES OF WORK WHICH WILL BE REQUIRED.	DESIGNER/DRAFTER: CHECKED BY: SCALE AS NOTED	 Luchs CONSULTING ENGINEERS 88 COLONY STREET MERIDEN, CT 06451 TELEPHONE: 203-379-0320	SIGNATURE/ BLOCK:	PROJECT TITLE: WALL STREET (ROUTE 316) SIDEWALK IMPROVEMENTS RHAM CAMPUS TO RIDGE ROAD	TOWN: HEBRON	PROJECT NO.: 2020-067-149
REV.	DATE	REVISION DESCRIPTION	SHEET NO.	DATE PLOTTED: 5/05/2023	FILENAME:		DRAWING TITLE: MISCELLANEOUS DETAILS	DRAWING NO.: MDS-2
								SHEET NO.: 10

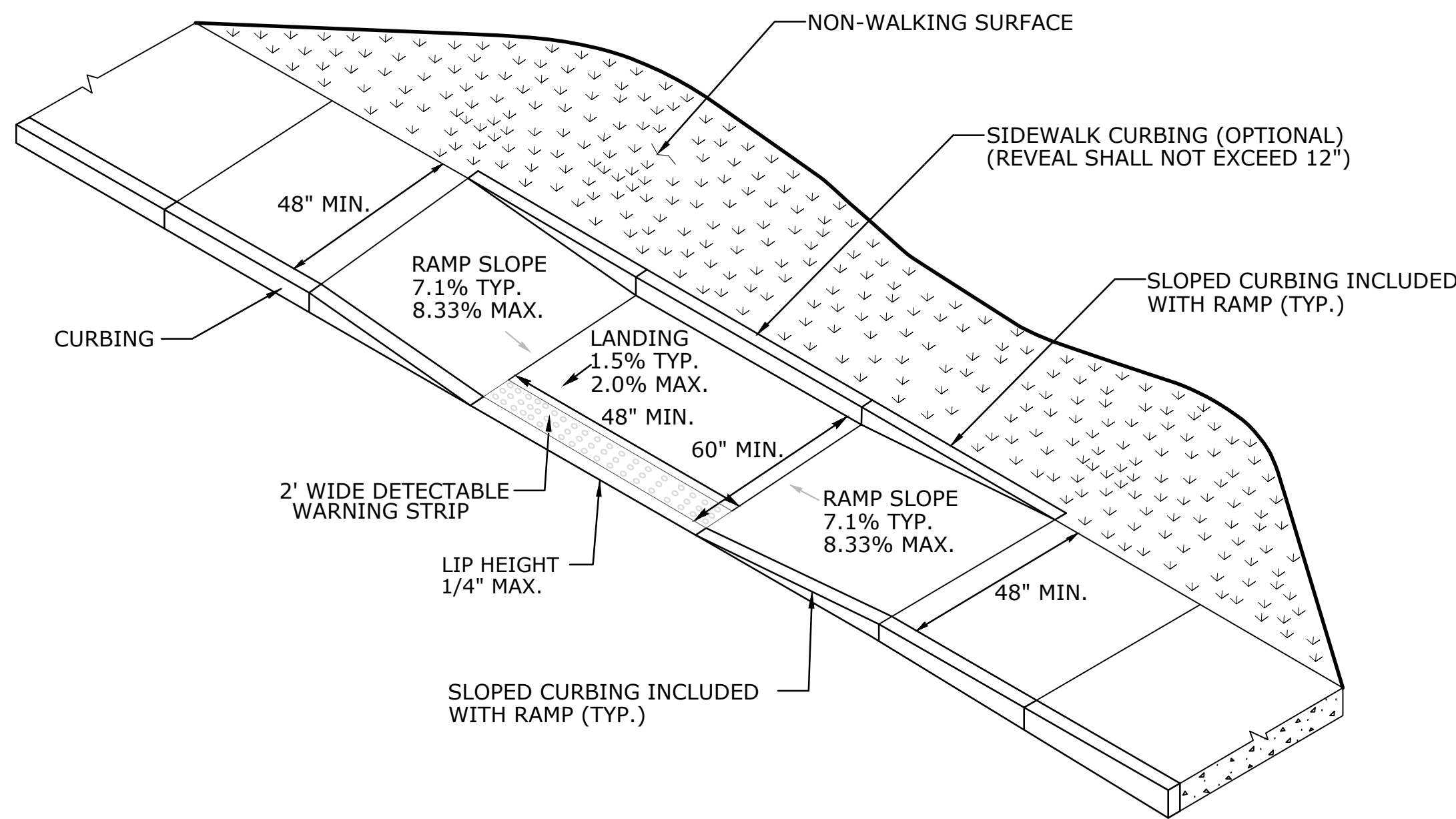
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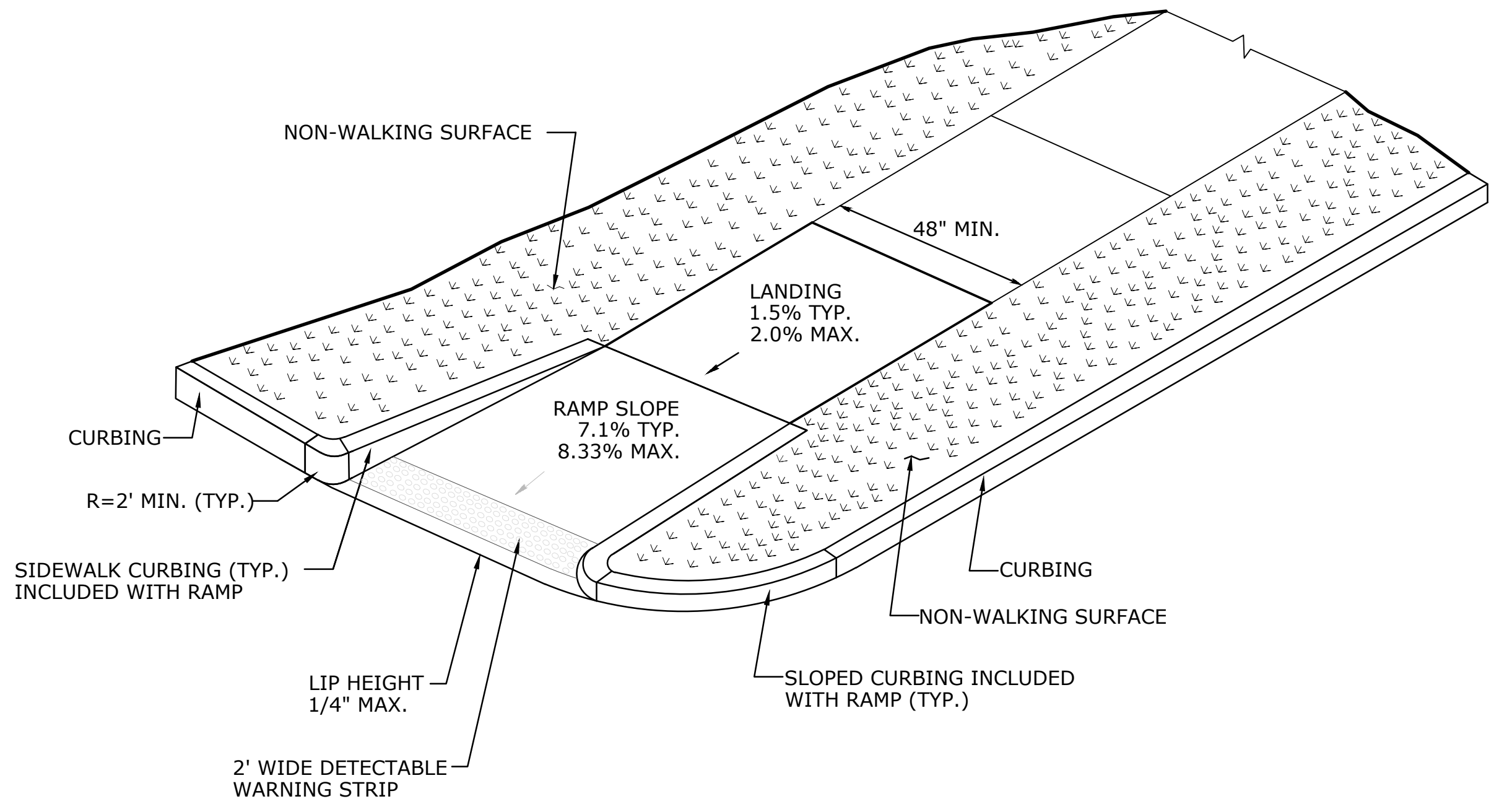
PERPENDICULAR RAMP
WITH 48" BY-PASS
(TYPE 8)



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



PARALLEL RAMP WITHOUT
NON-WALKING SURFACE
(TYPE 9)



SINGLE DIRECTION - RETURN CURB
WITH NON-WALKING SURFACE
(TYPE 16)

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FILENAME:

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SIDEWALK IMPROVEMENTS
RHAM CAMPUS TO RIDGE ROAD

TOWN:

HEBRON

DRAWING TITLE:

SIDEWALK RAMPS

PROJECT NO.:

2020-067-149

DRAWING NO.:

MDS-3

SHEET NO.:

11