

2026-0314

**APPLICATION FOR SITE PLAN APPROVAL**

Owner of record: Salisbury School Inc.

Address of owner: 251 Canaan Road Salisbury, CT 06068  
250 Canaan Road Salisbury, CT 06068

Property Location: Tax Map 15 Lot 41 Land Records: Vol. 247 Page 146  
16 05

Acreage: 225.2300 Zone: RR3

Site Plan Requirements:

Soil Erosion and Sediment Control Measures: silt fence, hay bales, inlet protection, anti-tracking pad, and slope protection

Conservation Commission Approval, if applicable: \_\_\_\_\_

Historic District Commission Approval, if applicable: \_\_\_\_\_

Approval From TAHD: X WPCA: \_\_\_\_\_ BHC: \_\_\_\_\_

If applicable, boundaries of flood plain, aquifer protection zone, Housatonic River District, or Historic District should be on Site Plan.

Additional Remarks: This project for the installation of a tunnel under Canaan Road Rt. 44.

Owner's Signature: Dawn Martz Date: 4/1/2026

Applicant's Signature and Title: Dawn Martz Acting Director Facilities

Applicant's address and phone number: 251 Canaan Road Salisbury, CT 06068

860-596-2248

Filed at Planning and Zoning Commission Office: 4/2/2026, 2001

Date of next regular Commission meeting: 4/16/2026

Date of approval or denial of plan: \_\_\_\_\_

Pd OK # ~~01577~~  
Am

A decision on a site plan submitted as part of a zoning permit application shall be rendered within 65 days after receipt of the plan at a regular meeting of the Commission. The applicant may request extensions of the decision period, not to exceed two further 65-day periods.



# TORRINGTON AREA HEALTH DISTRICT

350 Main Street ♦ Suite A ♦ Torrington, Connecticut 06790

Phone (860) 489-0436 ♦ Fax (860) 496-8243 ♦ E-mail [info@tahd.org](mailto:info@tahd.org) ♦ Web [www.tahd.org](http://www.tahd.org)

"Promoting Health & Preventing Disease Since 1967"

## Addition / Accessory Structure Application

**This is not a building permit.**

**You must obtain a permit from the Building Inspector prior to any construction.**

Salisbury School Inc.	251	Canaan Rd		Salisbury
Owner	Street #	Street Name		Town
251 Canaan Rd	Salisbury	CT	06068	860-596-2248
Mailing Address	Town	ST	Zip	Owner Telephone
dmarti@saliburyschool.org	203-505-4058			
Email Address	Cell Phone		Lot Size	
88'	W M C Engineers			
Dimensions of Addition	Information Supplied By		Septic System Designed By	

Description of Addition

Underground 15' x 9' box culvert 88' long pedestrian tunnel connecting the north and south side of campus.

The application **must** be accompanied by a **check** made payable to **TAHD** in the amount of:

**ACCESSORY STRUCTURE : \$35.00**

**HABITABLE STRUCTURE: \$55.00**

**WELL AND SANITARY SEWER: \$35.00**

**CODE COMPLIANCE STUDY (B100a): \$150.00**

**(Returned Check Fee on any item: \$25.00)**

Application must be accompanied by a SKETCH ( on back ) showing the relative distances from the proposed addition/structure to the well and septic system. Sketch must be signed by applicant.

Signature of Applicant: ON-FILE.

Application Date: 3-5-2026

### TAHD USE ONLY BELOW LINE

**APPROVED**

**DENIED**

conditions of approval

Existing Records?  yes

Septic Permit Number:

B100a study required

field investigation

As shown; Obtain necessary approvals from Town of Salisbury.

Sanitarian: Brandon Jacques

Decision Date: 3/17/2026

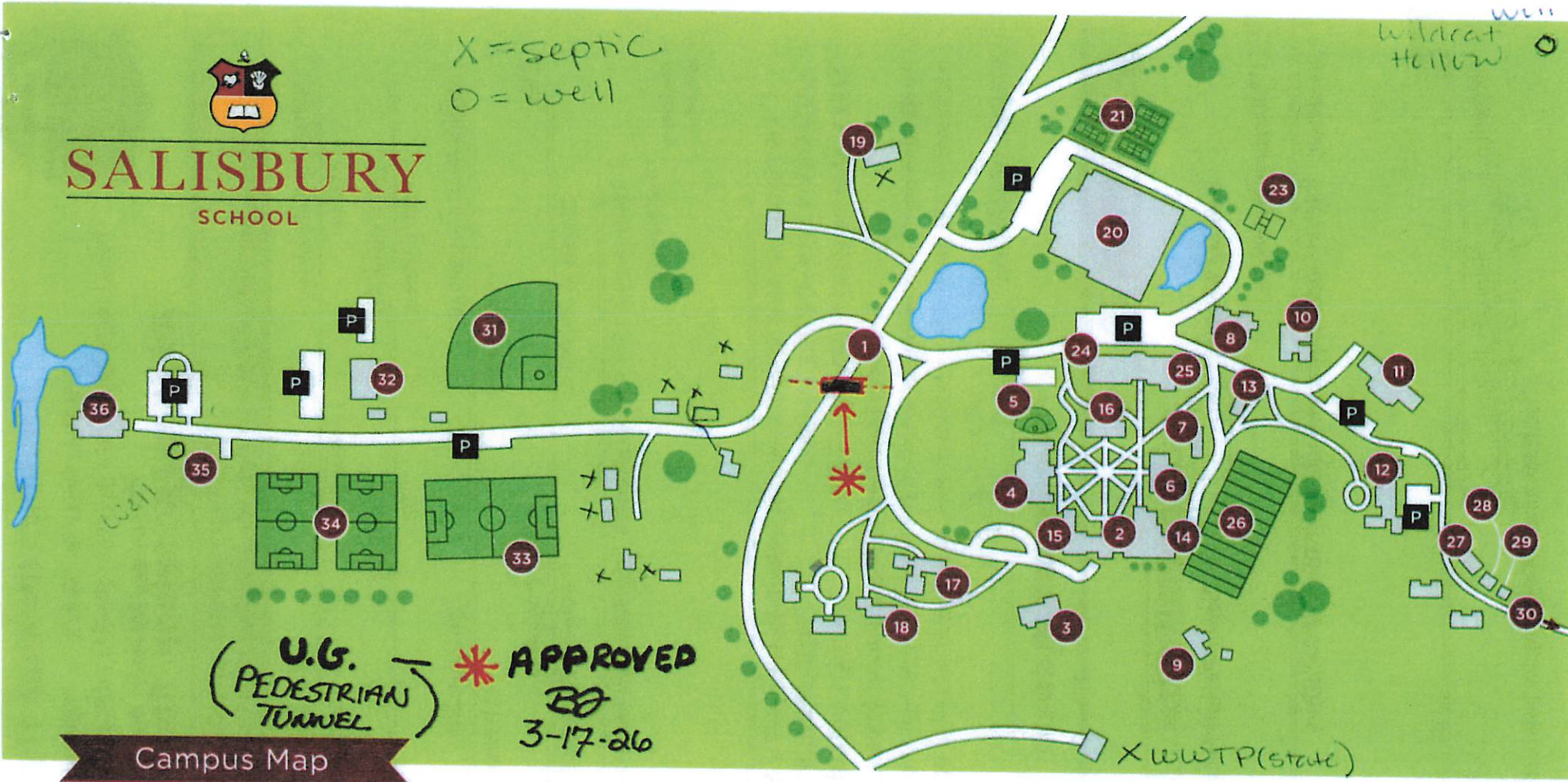
TAHD is an equal opportunity provider and Employer



# SALISBURY SCHOOL

X = septic  
O = well

Wildcat Well



Campus Map

### ADMINISTRATIVE OFFICES

- 2 Main Building  
*Admissions*
- 15 Spencer Hall  
*College Advising, Deans', Alumni/Development and Communications Offices*
- 24 Business Offices

### ACADEMIC BUILDINGS

- 4 Centennial Library and Humanities Building  
*Phinny Library, Rudd Learning Center, Class of 1998 Room*
- 6 Wachtmeister-Bates Math and Science Building

### ARTS FACILITIES

- 4 Tremaine Gallery
- 4 William Buehner Digital Media Lab
- 5 Ruger Arts Center
- 24 Miles P.H. Seifert '53 Theater
- 24 Field Music Center in the Class of 2020 Performing Arts Center

### ATHLETIC FACILITIES

- 20 Flood Athletic Center
- 21 Centennial Tennis Courts
- 23 Gengras/King/Zecher Paddle Tennis Courts

### 25 The Dean Family Performance Training Center

- 26 Reeves Field
- 27 Tollhouse Basketball Court
- 28 Sand Volleyball Court
- 30 Lost Field
- 31 Natalie Gardner Baseball Field
- 33 Wachtmeister Field
- 34 Class of 1997 Fields
- 35 Gil Erskine '41 Cross Country Course
- 36 Curtis Boathouse

### RESIDENTIAL HALLS

- 2 Main Dormitory
- 10 Langdon House
- 11 Carr House
- 12 Ward House
- 13 Priestman House
- 14 South Dormitory
- 15 Spencer Hall
- 16 Payson House
- 17 Quaille House
- 18 Rennell House

### SPIRITUAL FACILITY

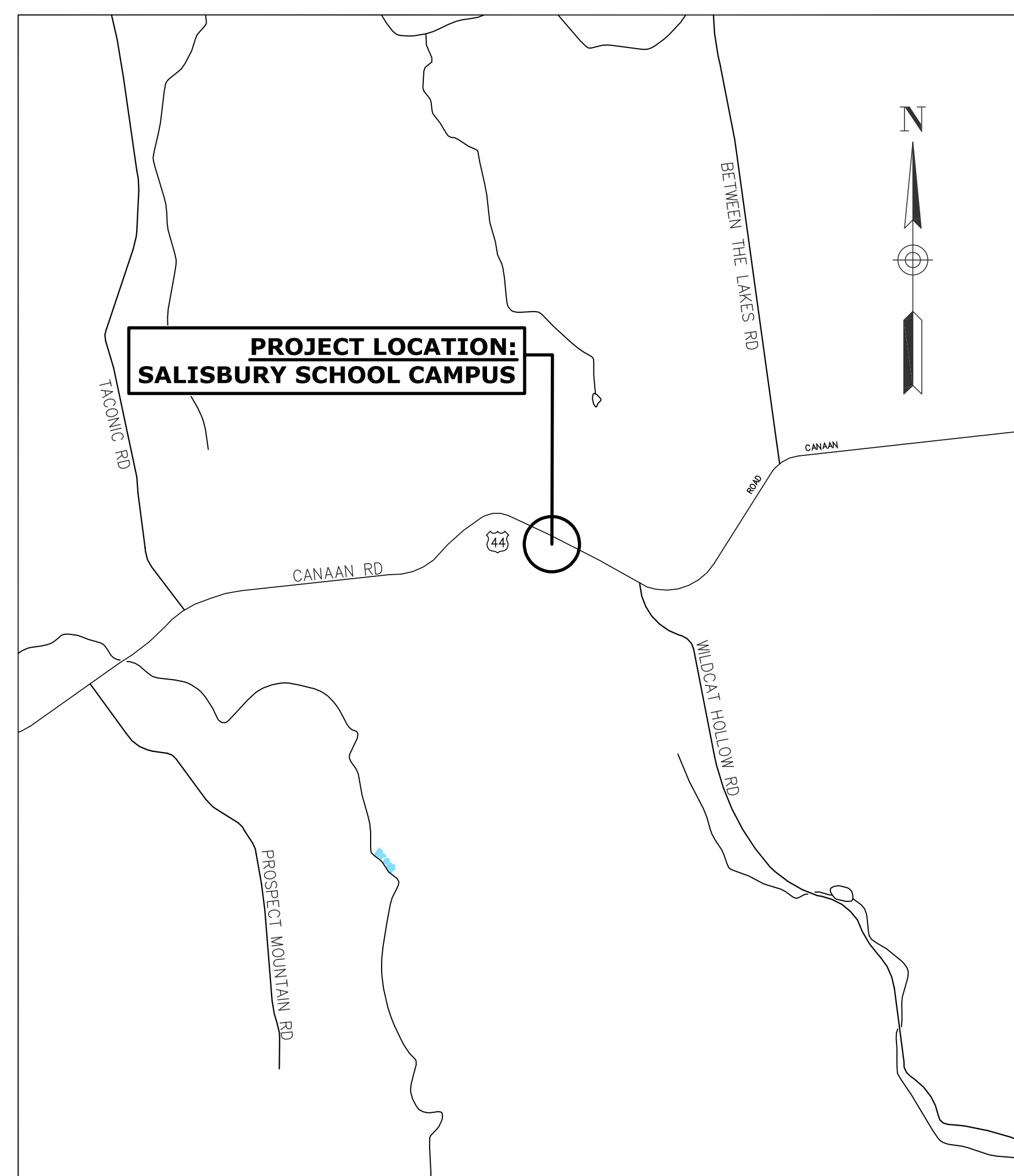
- 3 Daniel M. Cain Chapel

### STUDENT CENTER

- 8 The Class of 2018 Student Center Belin Lodge

### OTHER

- 1 Main Entrance
- 2 The Armory (School Store)
- 2 Dining Hall
- 2 Security & Technology
- 7 Health Center
- 9 Head of School House
- 24 Post Office
- 29 Judith Bates Memorial Playground
- 32 Buildings & Grounds/Maintenance

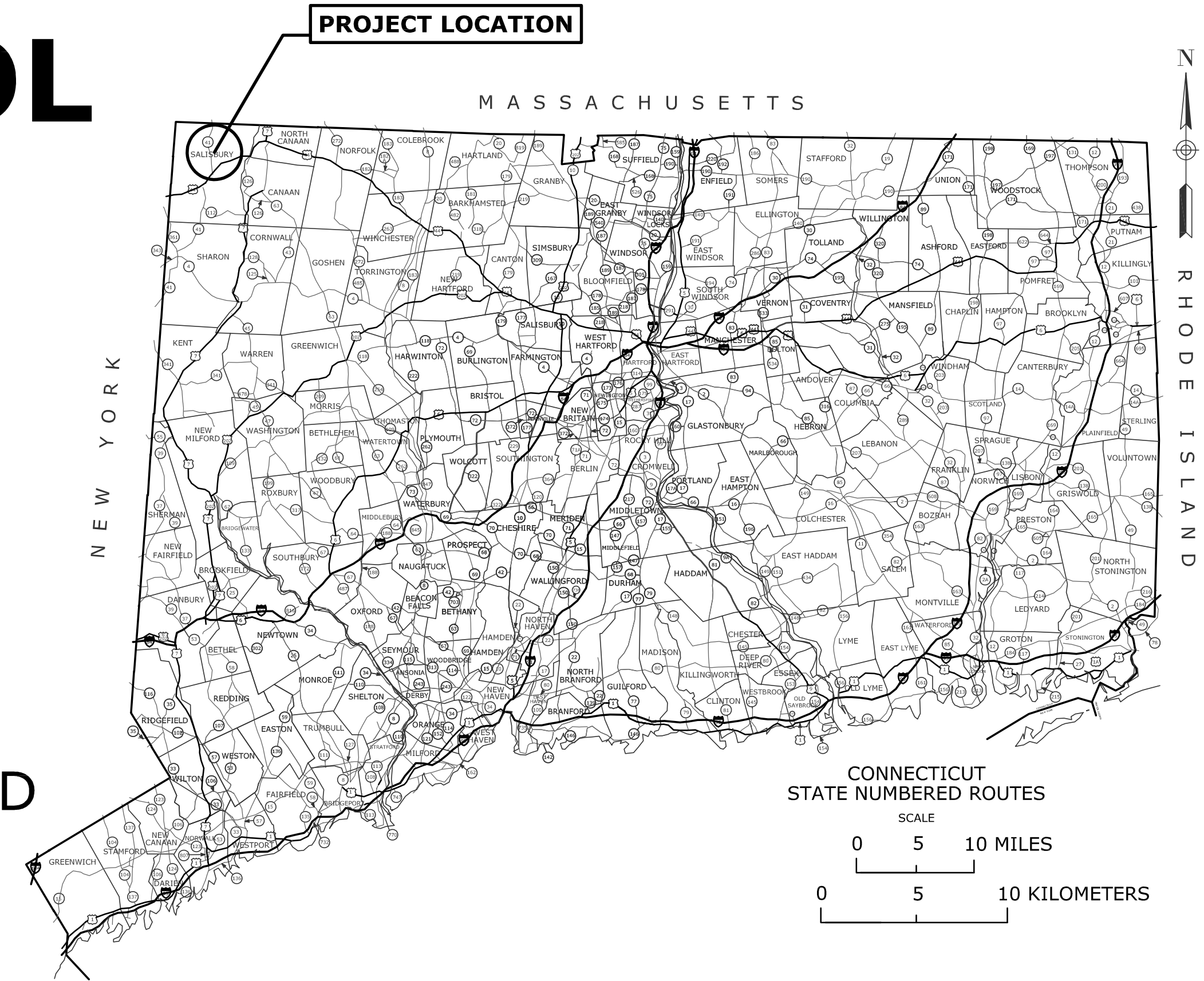


**LOCATION MAP**  
SCALE: 1" = 500'

# SALISBURY SCHOOL PEDESTRIAN TUNNEL UNDER ROUTE 44

## PLAN FOR CONSTRUCTION OF SALISBURY SCHOOL PEDESTRIAN TUNNEL & ROADWAY RECONSTRUCTION TUNNEL AND PATHWAY TO BE MAINTAINED BY SALISBURY SCHOOL

REVISED MARCH 23, 2026 FOR IWWC



TECHNICAL SPECIFICATIONS: STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION (FORM 819) AND ALL LATEST SUPPLEMENTAL SPECIFICATIONS THERETO.

DESIGN STANDARDS: AASHTO POLICY ON THE GEOMETRIC DESIGN OF HIGHWAYS AND STREETS, DATED 2004 AND THE CONNECTICUT DEPARTMENT OF TRANSPORTATION HIGHWAY DESIGN MANUAL DATED 2003.

SURVEY: ALL COORDINATES ON THE PROJECT ARE BASED ON NAD 83. ALL ELEVATIONS ARE BASED ON NAVD 1988. IT IS THE RESPONSIBILITY OF EACH BIDDER AND ALL OTHER INTERESTED PARTIES TO OBTAIN ALL BIDDING RELATED INFORMATION AND DOCUMENTS ISSUED BY SALISBURY SCHOOL.

PERSONS AND/OR ENTITIES WHICH REPRODUCE AND/OR MAKE SUCH INFORMATION AVAILABLE BY ANY MEANS ARE NOT AUTHORIZED BY THE SALISBURY SCHOOL TO DO SO AND MAY BE LIABLE FOR CLAIMS RESULTING FROM THE DISSEMINATION OF UNOFFICIAL, INCOMPLETE AND/OR INACCURATE INFORMATION.

LIST OF DRAWINGS	
SHEET NO.	TITLE
T-1.1	TITLE SHEET
G-1.1	GENERAL NOTES
EX-1.1	EXISTING CONDITIONS PLAN
LD-1.1	SITE PREP & DEMOLITION PLAN
TS-1.1	TYPICAL SECTIONS
O-1.1	OVERALL IMPROVEMENT PLAN
SL-1.1	SITE LAYOUT PLAN
LS-1.1	MATERIALS PLAN
LP-1.1	PLANTING PLAN
GR-1.1	SITE GRADING PLAN
SU-1.1	SITE DRAINAGE & UTILITY PLAN
SE-1.1	SITE EROSION CONTROL PLAN
PR-1.1	ROADWAY PROFILE (RT 44)
PR-1.2	PATH PROFILE
CS-1.1	CONSTRUCTION STAGING PLAN
XS-1.1 - 1.3	ROADWAY CROSS SECTIONS
ST-1.1	STRUCTURE PLAN & NOTES
ST-2.1 - 2.2	STRUCTURE LAYOUT & ELEVATIONS
ST-3.1	STRUCTURE LAYOUT PLAN
ST-4.1 - 4.2	BOX CULVERT LAYOUT & DETAILS
ST-5.1	CUTOFF RETURN WALL DETAILS
ST-6.1	STRUCTURE DETAILS
SD-1.1	DRAINAGE DETAILS
SD-1.2	SITE CONSTRUCTION DETAILS
SD-1.3	SIDEWALK / BITUMINOUS PATH DETAILS
EC-1.1	EROSION CONTROL DETAILS
EC-1.2	EROSION CONTROL NOTES & DETAILS
LS-5.1 - 5.2	LANDSCAPE DETAILS
B-1.1	BORING LOGS
EL-1.1	GENERAL NOTES AND ABBREVIATIONS
EL-2.1	ELECTRICAL SITE PLAN
EL-3.1	ELECTRICAL DETAILS

STANDARD DRAWINGS	
DWG. NO.	TITLE
HW-822_01	TEMPORARY PRECAST CONCRETE BARRIER CURB
HW-822_02a	TEMPORARY TRAFFIC BARRIER - DETAILS
HW-822_02c	TEMPORARY TRAFFIC BARRIER - PINNED
TR-1205_01	DELINEATION, DELINEATORS AND OBJECT MARKER DETAILS
TR-1208_01	SIGN PLACEMENT AND RETROREFLECTIVE STRIP DETAILS
TR-1208_02	METAL SIGN POSTS AND SIGN MOUNTING DETAILS
TR-1210_08	PAVEMENT MARKINGS FOR NON FREEWAYS
TR-1220_01	SIGNS FOR CONSTRUCTION AND PERMIT OPERATIONS
TR-1220_02	CONSTRUCTION SIGN SUPPORTS AND CHANNELIZING DEVICES

STANDARD CONVENTIONS	
North Arrow W/No. Coord.	Grid Arrow
Edge Of Road	Limit Of Marsh
Concrete Pavement	Stone Wall
Dirt Road	Ledge Outcrop
B.C.L.C.	Connecticut Wetland Limits
Concrete Curb	Federal Wetlands Limits
Guide Rail	STATE LINE
Concrete Median Barrier	Power Line
Bit. Walk	Swamp
Conc. Sidewalk	Building
Railroad Tracks	Transmission Tower
Chain Link Fence	Riprap
Rustic Fence	Hedge Row
Pipe Fence	Tree Line
Board Fence	Shrub
Water Edge	Evergreen Tree
Stream	Deciduous Tree
Ditch	Highway Line
TOWN LINE	Street Line
Boring Location	Property Line
	Lot Line
	Easement Line

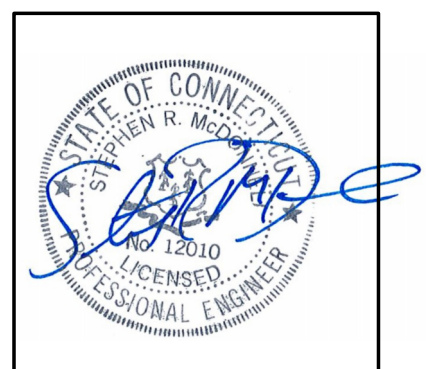
LEGEND:	
●	Iron Pin (Found)
■	Monument (Found)
▲	Sign
⊙	Manhole
■	"C" Catch Basin
■	"C-L" Catch Basin
—○—	Utility Pole
☆	Light Pole
○	Metal Post
—	Guy Anchor
⊕	Water Gate
⊕	Gas Valve
⊕	Gas Meter
⊕	Mail Box
—	Underground Piping (San., Stm.)
—E—	U/G Elec. Line
—W—	Water Line
—OHW—	Overhead Utilities
—T—	U/G Tele. Line
—	Property Line
—	Contour Line
—	Wetlands Boundary
WF #69	Wetlands Flag
WF #69 OHW	Ordinary High Water

LANDSCAPE ARCHITECT:  
**ARCADIS**  
ONE FEDERAL ST., SUITE 3800  
BOSTON, MA 02110

ELECTRICAL CONSULTANT:  
**ARUP**  
60 STATE ST.  
BOSTON, MA 02109

**WMC**  
CONSULTING ENGINEERS

WENGELL, McDONNELL & COSTELLO  
87 HOLMES ROAD  
NEWINGTON, CT 06111  
(860) 667-9624



DESIGNED BY WMC CONSULTING ENGINEERS

SUBMITTED BY STEPHEN R. McDONNELL, P.E. DATE 01/05/26

SALISBURY SCHOOL

DATE  
VAFA VAHID, CHIEF FINANCIAL & OPERATING OFFICER

**GENERAL UTILITY NOTES**

1. THE LOCATION OF EXISTING UTILITIES AND UNDERGROUND STRUCTURES HAS BEEN COMPILED FROM THE BEST AVAILABLE INFORMATION. THIS INFORMATION WAS COMPILED UTILIZING UTILITY COMPANY AND TOWN RECORD MAPS AND FIELD SURVEY AND THEREFORE, IS CONSIDERED TO BE APPROXIMATE. ALL UTILITIES AND UNDERGROUND STRUCTURES MAY NOT BE SHOWN.
2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND LOCATING THE ACTUAL LOCATION OF ALL UTILITIES WITHIN THE PROJECT LIMITS WHICH ARE ON PRIVATE PROPERTY. UTILITY LINES DAMAGED BY THE CONTRACTOR SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ENGINEER AND THE UTILITY COMPANY AND THE COST OF REPAIR WORK SHALL BE BORNE BY THE CONTRACTOR. THE CONTRACTOR SHALL CONTACT CALL-BEFORE-YOU-DIG AT 811 (OR VISIT CBYD.COM) FOR MARKING OF EXISTING UTILITIES AT LEAST FORTY-EIGHT (48) HOURS IN ADVANCE OF ANY EXCAVATION.
3. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES OF NECESSARY RELOCATIONS IF REQUIRED AND SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THAT OF THE UTILITY COMPANIES. ALL REQUIRED UTILITY RELOCATIONS SHALL BE PERFORMED BY THE RESPECTIVE UTILITY COMPANY UNLESS OTHERWISE SPECIFIED.
4. THE CONTRACTOR SHALL CONTACT THE UTILITY COMPANIES PRIOR TO STARTING ANY WORK AND COORDINATE HIS WORK WITH THE UTILITY COMPANY WORK. THE CONTRACTOR SHALL ALSO COORDINATE WITH THE RESPECTIVE UTILITY COMPANY TO HOLD ANY POLES THAT NEED TO BE SUPPORTED DURING THE CONTRACTOR'S TRENCHING OPERATIONS.
5. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO PROTECT EXISTING UTILITIES WHEN INSTALLING PIPE AND STRUCTURES. THE CONTRACTOR SHALL HAND DIG AROUND EXISTING UTILITIES AND PROVIDE SHORING OR OTHER SUCH MEASURES WHEN WORKING IN CLOSE PROXIMITY TO EXISTING UTILITIES TO PROTECT SUCH UTILITIES. THE CONTRACTOR SHALL NOT BE ELIGIBLE FOR ANY ADDITIONAL COMPENSATION FOR EXTRA WORK REQUIRED TO PROTECT EXISTING UTILITIES.
6. THE CONTRACTOR SHALL BE RESPONSIBLE TO COORDINATE WITH THE UTILITY COMPANIES TO RESET ALL UTILITY BOXES TO FINISHED GRADE.
7. THE CONTRACTOR SHALL COORDINATE WITH THE UTILITY COMPANIES FOR REMOVAL OF ANY EXISTING ABANDONED UTILITY LINES ENCOUNTERED DURING EXCAVATION AND CONSTRUCTION. THE CONTRACTOR SHALL NOT BE ELIGIBLE FOR ANY ADDITIONAL COMPENSATION FOR EXTRA WORK REQUIRED FOR REMOVAL OF ANY EXISTING ABANDONED UTILITY LINES. EACH RESPECTIVE UTILITY COMPANY SHALL BE RESPONSIBLE TO PROVIDE A MEANS OF DISPOSAL AND TO COORDINATE WITH THE CONTRACTOR FOR REMOVAL OF ANY EXISTING UNDERGROUND UTILITY LINES WHO'S MATERIAL MAY BE CONSIDERED TO BE HAZARDOUS. THE CONTRACTOR SHALL PLUG THE ENDS OF EXISTING ABANDONED UTILITY LINES THAT ARE TO REMAIN BURIED WITH APPROPRIATE END CAPS PROVIDED BY THE UTILITY. THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK, BUT SUCH WORK SHALL BE INCLUDED IN THE VARIOUS ITEMS COMPRISING THE WORK.
8. THE CONTRACTOR SHALL RELOCATE OR ADJUST PRIVATELY OWNED UTILITY SERVICE CONNECTIONS ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE NOTED. ELEVATIONS OF ALL RELOCATED OR ADJUSTED UTILITIES SHALL MATCH THE PROPOSED GRADE, UNLESS OTHERWISE NOTED ON THE PLANS.
9. THE CONTRACTOR SHALL TAKE PRECAUTION TO PREVENT DAMAGE TO EXISTING UNDERGROUND UTILITIES WHEN OPERATING HEAVY MACHINERY SUCH AS VIBRATORY ROLLERS.

**CONSTRUCTION SEQUENCING:**

1. FIELD STAKE CONSTRUCTION LIMITS
2. INSTALL EROSION CONTROL MEASURES
3. BEGIN NEW STORM DRAINAGE FROM OUTFALL AREA
4. START MASS EARTHWORK NORTH SIDE
5. DESIGNATE PUMP DISCHARGE AND PUMP SETTLING AREAS
6. PROVIDE TEMPORARY LANE STRIPING & BARRIER CURBS FOR ROUTE 44 STAGE I TRAFFIC
7. INSTALL EARTH RETENTION SYSTEM AS NECESSARY AND BARRIERS AS NECESSARY
8. INSTALL UNDERDRAINS, ROUGH GRADE NORTH PATHWAYS AND CONSTRUCT STAIRS
9. INSTALL DRAINAGE SYSTEMS NORTH SIDE
10. PREPARE SUBGRADE AND PLACE PROCESSED AGGREGATE BASE FOR PATHWAYS
11. INSTALL BOX CULVERT SECTIONS AND ASSOCIATED APPURTANANCES
12. CONSTRUCT RETAINING WALL FOOTINGS
13. INSTALL RETAINING WALLS, BACKFILL AND INSTALL FENCING
14. TOPSOIL, TURF ESTABLISHMENT AND STEEP SLOPE TREATMENT
15. PREPARE SUBGRADE, PLACE PROCESSED AGGREGATE BASE AND PAVEMENT FOR ROUTE 44
16. START MASS EARTHWORK SOUTH SIDE
17. DESIGNATE PUMP DISCHARGE AND PUMP SETTLING AREAS
18. INSTALL TEMPORARY PAVEMENT, LANE STRIPING & BARRIER CURBS FOR STAGE II TRAFFIC
19. ADJUST EARTH RETENTION SYSTEM AS NECESSARY
20. INSTALL UNDERDRAINS AND ROUGH GRADE SOUTH PATHWAY
21. INSTALL DRAINAGE SYSTEMS SOUTH SIDE
22. PREPARE SUBGRADE AND PLACE PROCESSED AGGREGATE BASE FOR PATH
23. INSTALL BOX CULVERT SECTIONS AND ASSOCIATED APPURTANANCES
24. CONSTRUCT RETAINING WALL FOOTINGS
25. INSTALL RETAINING WALLS, BACKFILL BACKFILL AND INSTALL FENCING
26. CONSTRUCT UTILITIES ACROSS ROUTE 44
27. REMOVE EARTH RETENTION SYSTEM
28. PREPARE SUBGRADE, PLACE PROCESSED AGGREGATE BASE AND PAVEMENT FOR ROUTE 44
29. TOPSOIL, TURF ESTABLISHMENT AND STEEP SLOPE TREATMENT
30. PLACE HMA AND STAMPING FOR PATHWAYS
31. MILL CONSTRUCTION LIMITS ROUTE 44 AND PLACE HMA
32. INSTALL LANE STRIPING
33. GRADE ROADSIDE SWALES, TOPSOIL AND TURF ESTABLISHMENT
34. SEED AND RESTORE ALL DISTURBED LAWN AREAS
35. REMOVE ALL EROSION CONTROL MEASURES ONCE SITE IS COMPLETELY VEGETATED OR UPON ENGINEER'S APPROVAL

**GENERAL NOTES**

1. SURVEY INFORMATION IS BASED UPON A FIELD SURVEY PERFORMED BY WILLIAM B. HEARN L.S., IN OCTOBER 2024. ALL ELEVATIONS REFER TO NORTH AMERICAN VERTICAL DATUM (NAVD 1988). STREETLINE INFORMATION AS SHOWN ON THE PLANS IS BASED ON CLASS A-2 ACCURACY. NORTH ARROW AND BEARINGS BASED ON THE CONNECTICUT STATE PLANE COORDINATE SYSTEM (NAD 1983).
2. WMC ENGINEERS ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
3. ALL EXISTING UTILITY LOCATIONS, DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
4. ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION, FORM 819 AND ADDENDA, AND AS SUPPLEMENTED IN THE SPECIAL PROVISIONS.
5. ALL SLOPES OR DISTURBED AREAS ARE TO BE STABILIZED WITH A MINIMUM OF 4 INCHES OF TOPSOIL AND SEEDED WITH GRASS OR SODDED - REFER TO SPECIAL PROVISIONS FOR SEEDING SCHEDULE. THE CONTRACTOR SHALL YORK RAKE THE TOPSOIL PRIOR TO TURF ESTABLISHMENT IF REQUIRED. EROSION CONTROL MATTING SHALL BE PLACED ON SLOPE AREAS AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
6. THE REMOVAL AND RESETTING OF FENCES, STONEWALLS, AND ORNAMENTAL AND UTILITARIAN DOMESTIC ACCESSORIES WITHIN THE HIGHWAY LIMITS AND THE REMOVAL AND RESETTING OF EXISTING MAILBOXES AND PAPER BOXES SHALL BE INCLUDED IN THE LUMP SUM COST OF THE PROJECT. THE CONTRACTOR SHALL COORDINATE WITH THE PROPERTY OWNER FOR SAID REMOVAL AND RESETTING.
7. THE COST OF CUTTING BITUMINOUS CONCRETE ROADWAYS AT THE PROJECT LIMITS, UTILITY TRENCHES, DRIVEWAYS AND SIDEWALKS SHALL BE INCLUDED IN THE CONTRACTS LUMP SUM COST.
8. ANY BITUMINOUS CONCRETE LIP CURBING SHALL BE PLACED ON THE BINDER COURSE. TACK COAT SHALL BE APPLIED TO THE PAVEMENT PRIOR TO INSTALLATION.
9. EXISTING CONCRETE MONUMENTS AND PROPERTY IRON PINS WHEN FOUND WITHIN THE WORK LIMITS SHALL BE LOCATED AND REPLACED IF DISTURBED. IF THE CONTRACTOR DISTURBS OR DAMAGES ANY IRON PIN OR MONUMENT OUTSIDE THE LIMITS OF WORK, THEY SHALL BE RESET BY A LICENSED SURVEYOR AT THE CONTRACTORS EXPENSE.
10. THE CONTRACTOR SHALL WALK THE PROJECT PRIOR TO CONSTRUCTION WITH A REPRESENTATIVE FROM SALISBURY SCHOOL AND THE PROJECT ENGINEER. TREES TO BE REMOVED SHALL BE MARKED IN THE FIELD. EXTREME CARE SHALL BE EXERCISED TO PROTECT ALL TREES NOT DESIGNATED FOR REMOVAL. THE COST OF THIS WORK SHALL BE INCIDENTAL TO THE PROJECT. THE TRIMMING OF EXISTING TREES SHALL BE PERFORMED BY A LICENSED ARBORIST.
11. ALL TREE STUMPS SHALL BE REMOVED BY EXCAVATION AND THE DISTURBED AREAS SHALL BE LOAMED AND SEEDED. THIS INCLUDES ANY TREES AND STUMPS DESIGNATED FOR REMOVAL THAT ARE LOCATED OUTSIDE THE LIMITS OF GRADING.
12. ANY MAINTENANCE OR REFUELING OF EQUIPMENT AND VEHICLES SHALL BE PERFORMED AT LEAST 100 FEET FROM WETLANDS OR WATERCOURSES. OIL, GASOLINE, AND CHEMICALS NEEDED AT THE SITE SHALL BE STORED IN A SECONDARY CONTAINER AT LEAST 50 FEET FROM WETLANDS OR WATERCOURSES AND OUTSIDE OF FLOODPLAIN AND FLOODWAY LIMITS TO PREVENT CONTAMINATION FROM POSSIBLE LEAKS.
13. EFFLUENT FROM DEWATERED WORK AREA(S) SHALL NOT BE DISCHARGED DIRECTLY TO THE STREAM OR STORM DRAINAGE SYSTEM, BUT MUST BE PROCESSED THROUGH TREATMENT STRUCTURE(S). SUCH STRUCTURE(S) SHALL NOT BE LOCATED WITHIN THE STREAM CHANNEL OR ADJACENT WETLANDS.
14. ALL APPROPRIATE EROSION CONTROL AND SEDIMENT CONTROL MEASURES SHALL BE ESTABLISHED PRIOR TO AND MAINTAINED THROUGHOUT ALL CONSTRUCTION PHASES.
15. ANY ACTIVITIES OTHER THAN THOSE SHOWN ON THE PLANS OR DETAILED IN THE WETLANDS PERMIT THAT OCCUR IN THE REGULATED WETLANDS AREA SHALL BE SUBJECT TO APPROVAL BY THE LOCAL INLAND/WETLANDS AUTHORITY OR ITS DESIGNATED REPRESENTATIVE.
16. DURING ALL PHASES OF CONSTRUCTION ACTIVITIES, ACCESS FOR THE PROPERTY OWNER AS WELL AS ALL SERVICE VEHICLES SUCH AS MAIL, TRASH COLLECTION, FUEL DELIVERIES, ETC. SHALL BE MAINTAINED BY THE CONTRACTOR TO ABUTTING PROPERTIES WITHIN THE LIMITS OF THE WORK.
17. ALL CATCH BASIN TOP OF GRATE ELEVATIONS REFLECT THE DEPRESSED GRATE ELEVATION IN ACCORDANCE WITH THE STANDARD DETAILS.
18. ALL CATCH BASIN GRATES TO BE TYPE "A" GALVANIZED.
19. SILT SACKS MUST BE INSTALLED AT ALL EXISTING AND NEW CATCH BASINS WITHIN AND IMMEDIATELY ADJACENT TO THE PROJECT AREA.
20. ANY EXISTING PROPERTY DRAINS OR FOOTING DRAINS ENCOUNTERED SHALL BE MAINTAINED THROUGHOUT CONSTRUCTION AND RECONNECTED TO NEW DRAINAGE STRUCTURES.
21. ANY EXISTING UTILITY PIPES OR OTHER STRUCTURES DESIGNATED FOR REMOVAL ON THE PLANS SHALL BE TRENCHED IN ACCORDANCE WITH THE FORM 819 AND SHALL BE BACKFILLED AND COMPACTED WITH SUITABLE MATERIAL IN 12 INCH LIFTS.
22. IF AN EXISTING STORM SEWER IS TO BE REPAIRED, REPLACED, OR EXTENDED, IT IS A WORKING LINE AND MUST BE OPERATIONAL (CONTINUE TO FUNCTION) DURING EVENINGS AND WEEKENDS AS WELL AS ANY OTHER NON-WORKING HOURS.
23. PROJECT WORK AREA SHALL BE FULLY SECURED USING 6 FT HIGH CHAIN LINK FENCE WITH TENSION WIRE AT THE BOTTOM ON DRIVEN POSTS WITH SCRIM WITH PREFABRICATED WIND RELIEF. GATES ARE TO BE LOCKED WHEN NOT IN USE BY COMBINATION LOCK WITH COMBINATION PROVIDED TO SALISBURY SCHOOL.

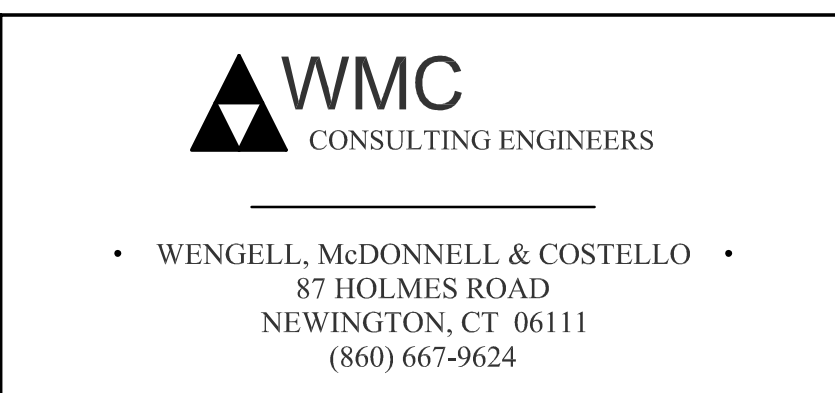
1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA	SUPV.	S.R.M.
2	03/23/26	REVISIONS PER TOWN ENGINEER COMMENTS	DESIGN	R.E.B.
			DRAWN	R.E.B.
			CHECKED	S.R.M.
NO.	DATE	DESCRIPTION	DATE	01/05/2026
<b>REVISIONS</b>				

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

# CONSTRUCTION DOCUMENTS

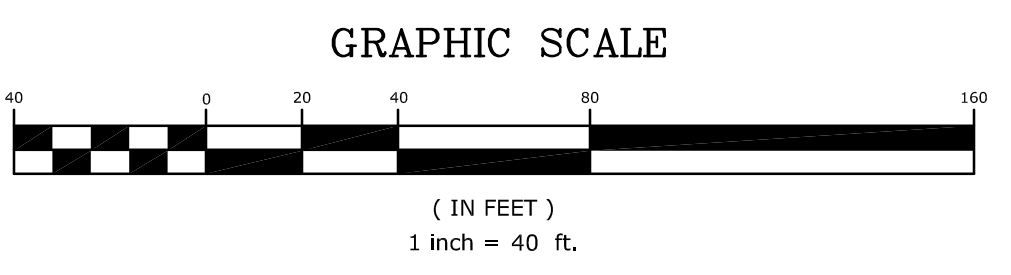


SCALE  
N.T.S.



**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068


<b>GENERAL NOTES</b>				
<b>SALISBURY SCHOOL PEDESTRIAN TUNNEL</b>				
<b>251 CANAAN ROAD (RT 44), SALISBURY</b>				
D - SALISBURY TUNNEL - 24015_FD - 24015.10 -				SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.
				G-1.1



1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA	SUPV.	S.R.M.
			DESIGN	R.E.B.
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			CHECKED	S.R.M.
NO.	DATE	DESCRIPTION	DATE	01/05/2026
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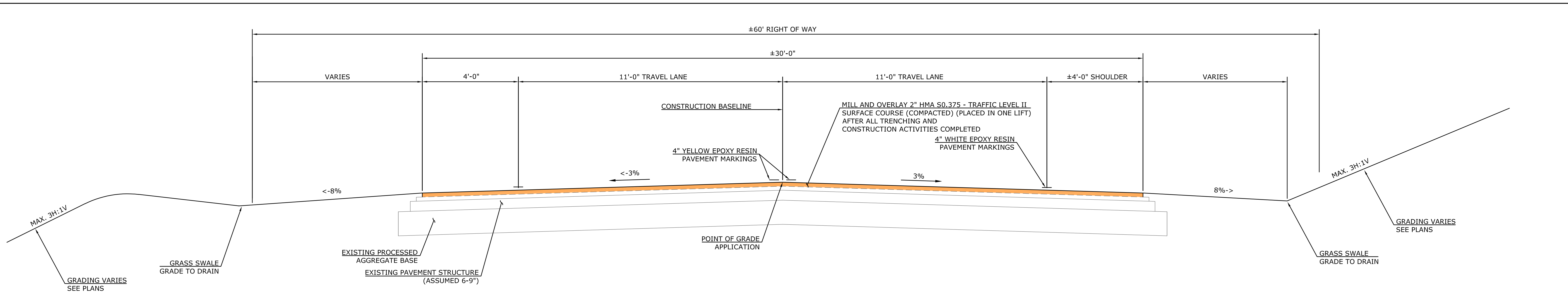
# CONSTRUCTION DOCUMENTS

SCALE  
1" = 40'

  
**WMC**  
 CONSULTING ENGINEERS  
 • WENGELL, McDONNELL & COSTELLO •  
 87 HOLMES ROAD  
 NEWINGTON, CT 06111  
 (860) 667-9624

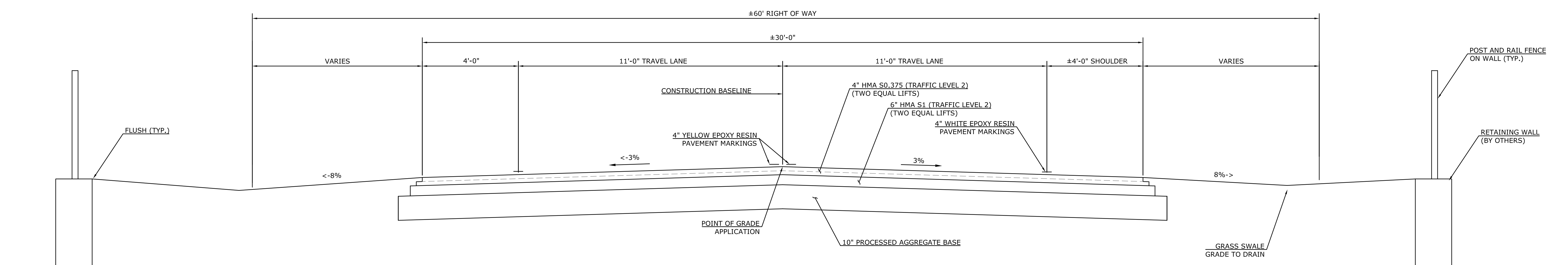
**PREPARED FOR**  
**SALISBURY SCHOOL**  
 251 CANAAN ROAD  
 SALISBURY, CT 06068

<b>EXISTING CONDITIONS PLAN</b>			
<b>SALISBURY SCHOOL PEDESTRIAN TUNNEL</b>			
<b>251 CANAAN ROAD (RT 44), SALISBURY</b>			
D	- SALISBURY TUNNEL -	24015_FD	24015.10
SIZE	PROJECT	FILE NAME	NUMBER
		REV.	EX-1.1



**TYPICAL MILL/OVER DETAIL (ROUTE 44)**

N.T.S.



**FULL DEPTH ROADWAY RECONSTRUCTION (ROUTE 44)**

N.T.S.

NOTE: ACTUAL LIMITS SHALL BE COORDINATED IN THE FIELD WITH THE EXCAVATION LIMITS ASSOCIATED WITH THE BOX CULVERT INSTALLATION/BACKFILL.  
APPROX. STA. 12+80 - 13+45

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026
<b>REVISIONS</b>	
NO.	DATE
DESCRIPTION	

**CONSTRUCTION DOCUMENTS**

SCALE AS NOTED

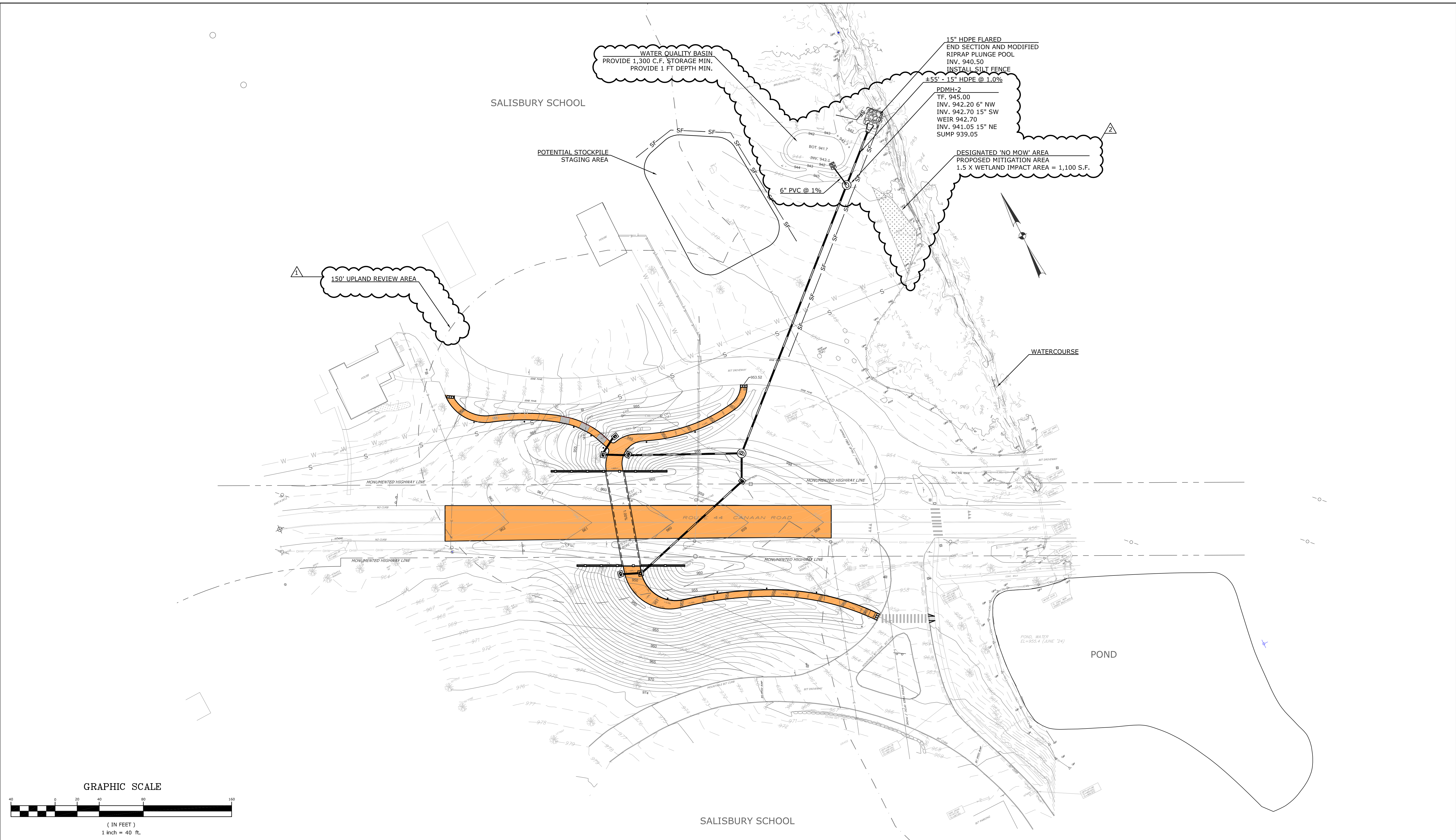
**WMC**  
CONSULTING ENGINEERS

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**PREPARED FOR**  
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251 CANAAN ROAD  
SALISBURY, CT 06068

**TYPICAL SECTIONS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET
D	SALISBURY TUNNEL	24015_FD	24015.10		TS-1.1



GRAPHIC SCALE



( IN FEET )  
1 inch = 40 ft.

NO.	DATE	DESCRIPTION
1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA
2	03/23/26	REVISIONS PER TOWN ENGINEER COMMENTS

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

# CONSTRUCTION DOCUMENTS

SCALE  
1" = 40'



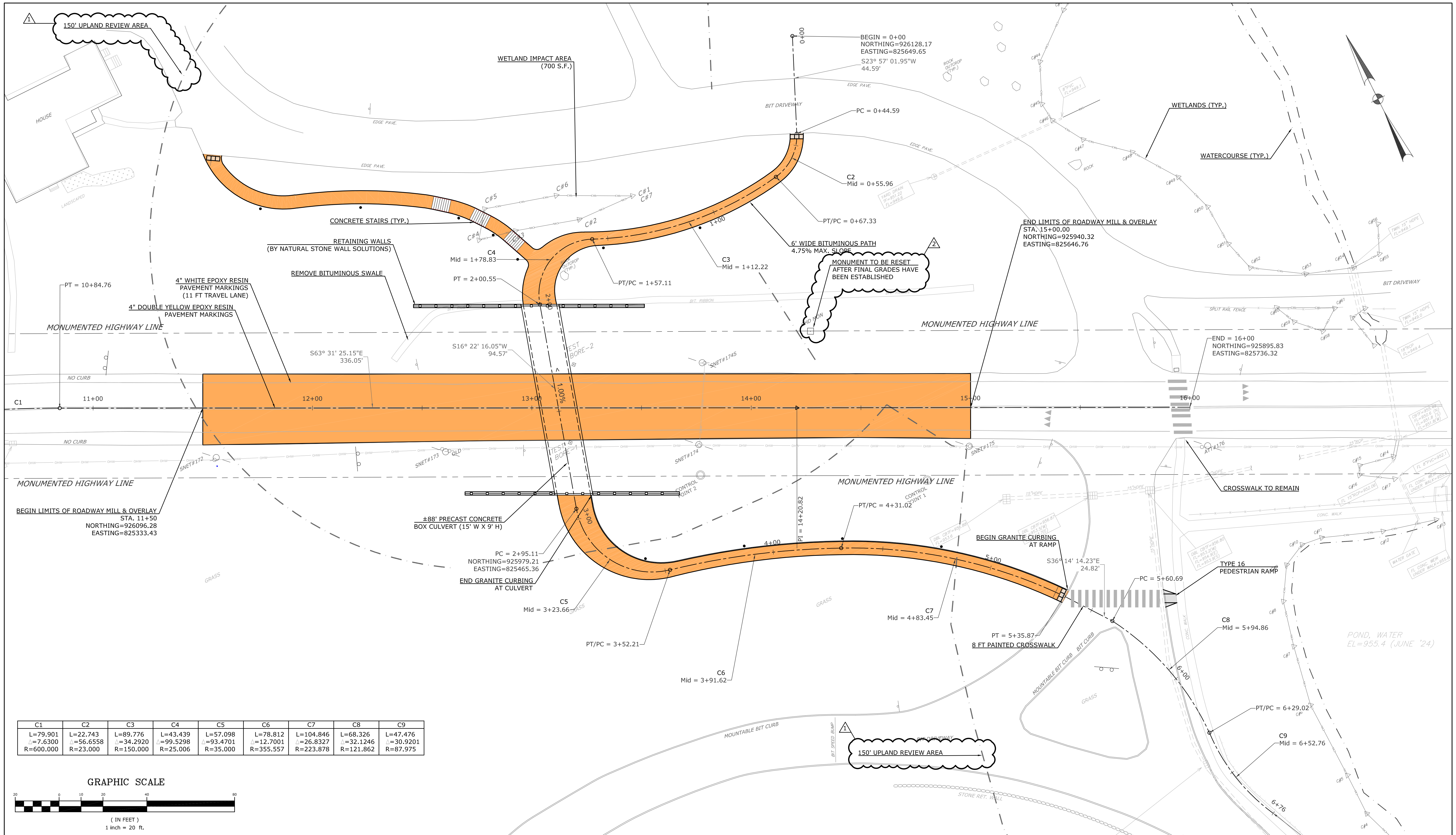
• WENGELL, McDONNELL & COSTELLO •  
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NEWINGTON, CT 06111  
(860) 667-9624

**PREPARED FOR**

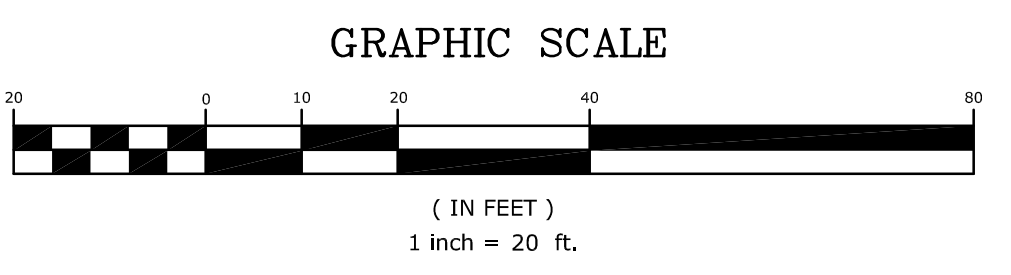
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**OVERALL IMPROVEMENT PLAN  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY**

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-	SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	O-1.1



C1	C2	C3	C4	C5	C6	C7	C8	C9
L=79.901 Δ=7.6300 R=600.000	L=22.743 Δ=56.6558 R=23.000	L=89.776 Δ=34.2920 R=150.000	L=43.439 Δ=99.5298 R=25.006	L=57.098 Δ=12.7001 R=35.000	L=78.812 Δ=26.8327 R=355.557	L=104.846 Δ=93.4701 R=223.878	L=68.326 Δ=32.1246 R=121.862	L=47.476 Δ=30.9201 R=87.975



NO.	DATE	DESCRIPTION
1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA
2	03/23/26	REVISIONS PER TOWN ENGINEER COMMENTS

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

# CONSTRUCTION DOCUMENTS

SCALE  
1" = 20'

**WMC**  
CONSULTING ENGINEERS

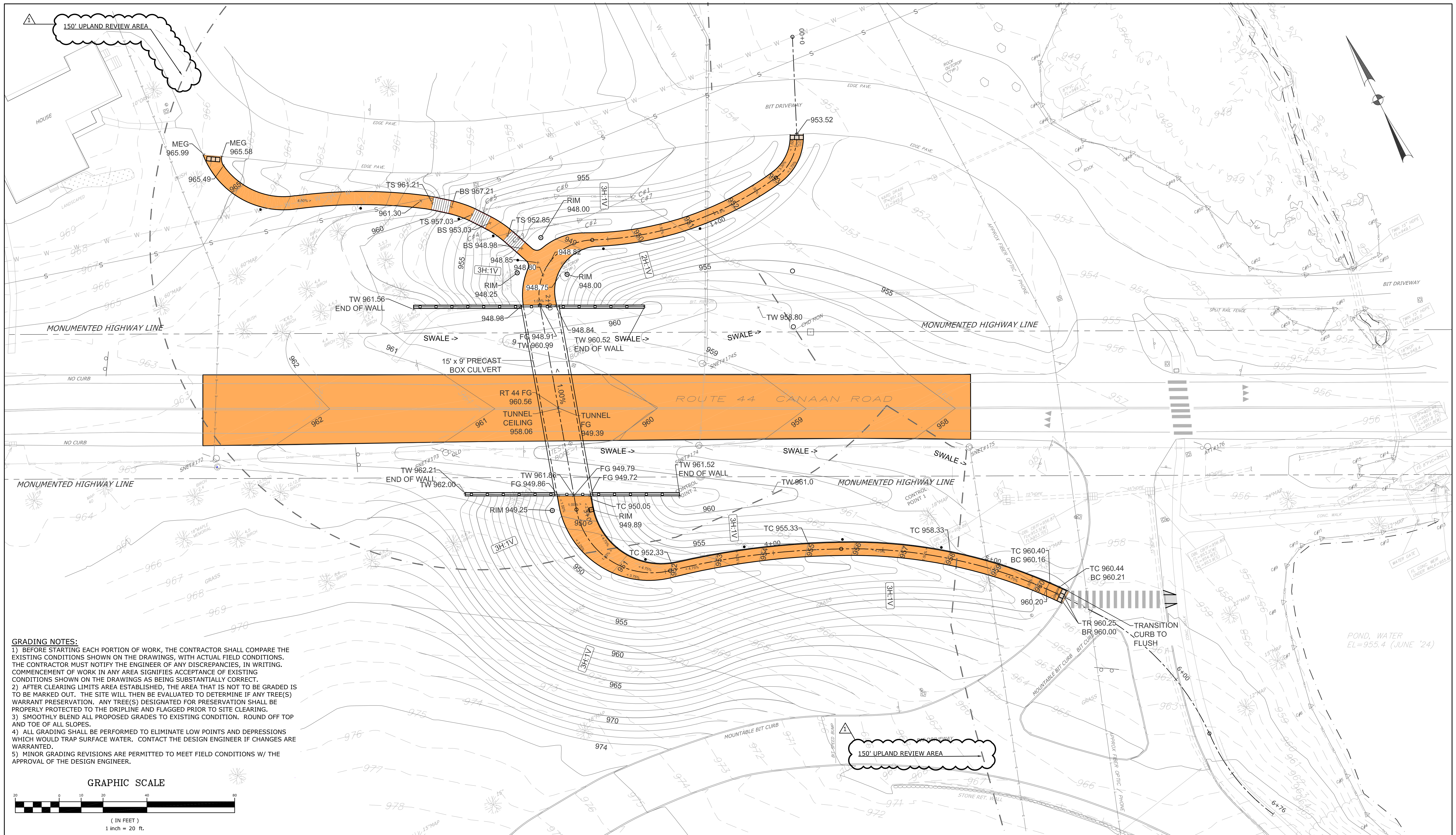
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NEWINGTON, CT 06111  
(860) 667-9624

**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

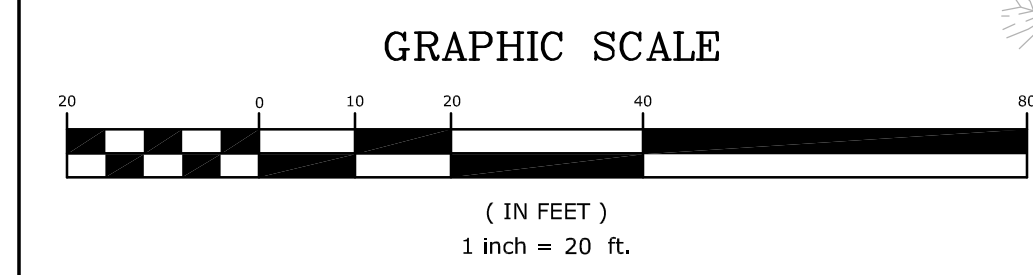
**SITE LAYOUT PLAN**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

D - SALISBURY TUNNEL - 24015\_FD - 24015.10 -  
SIZE PROJECT FILE NAME NUMBER REV.

SHEET  
SL-1.1



**GRADING NOTES:**  
 1) BEFORE STARTING EACH PORTION OF WORK, THE CONTRACTOR SHALL COMPARE THE EXISTING CONDITIONS SHOWN ON THE DRAWINGS, WITH ACTUAL FIELD CONDITIONS. THE CONTRACTOR MUST NOTIFY THE ENGINEER OF ANY DISCREPANCIES, IN WRITING. COMMENCEMENT OF WORK IN ANY AREA SIGNIFIES ACCEPTANCE OF EXISTING CONDITIONS SHOWN ON THE DRAWINGS AS BEING SUBSTANTIALLY CORRECT.  
 2) AFTER CLEARING LIMITS AREA ESTABLISHED, THE AREA THAT IS NOT TO BE GRADED IS TO BE MARKED OUT. THE SITE WILL THEN BE EVALUATED TO DETERMINE IF ANY TREE(S) WARRANT PRESERVATION. ANY TREE(S) DESIGNATED FOR PRESERVATION SHALL BE PROPERLY PROTECTED TO THE DRIPLINE AND FLAGGED PRIOR TO SITE CLEARING.  
 3) SMOOTHLY BLEND ALL PROPOSED GRADES TO EXISTING CONDITION. ROUND OFF TOP AND TOE OF ALL SLOPES.  
 4) ALL GRADING SHALL BE PERFORMED TO ELIMINATE LOW POINTS AND DEPRESSIONS WHICH WOULD TRAP SURFACE WATER. CONTACT THE DESIGN ENGINEER IF CHANGES ARE WARRANTED.  
 5) MINOR GRADING REVISIONS ARE PERMITTED TO MEET FIELD CONDITIONS W/ THE APPROVAL OF THE DESIGN ENGINEER.



NO.	DATE	DESCRIPTION	DATE
1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA	
2	03/23/26	REVISIONS PER TOWN ENGINEER COMMENTS	

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

# CONSTRUCTION DOCUMENTS

SCALE  
1" = 20'

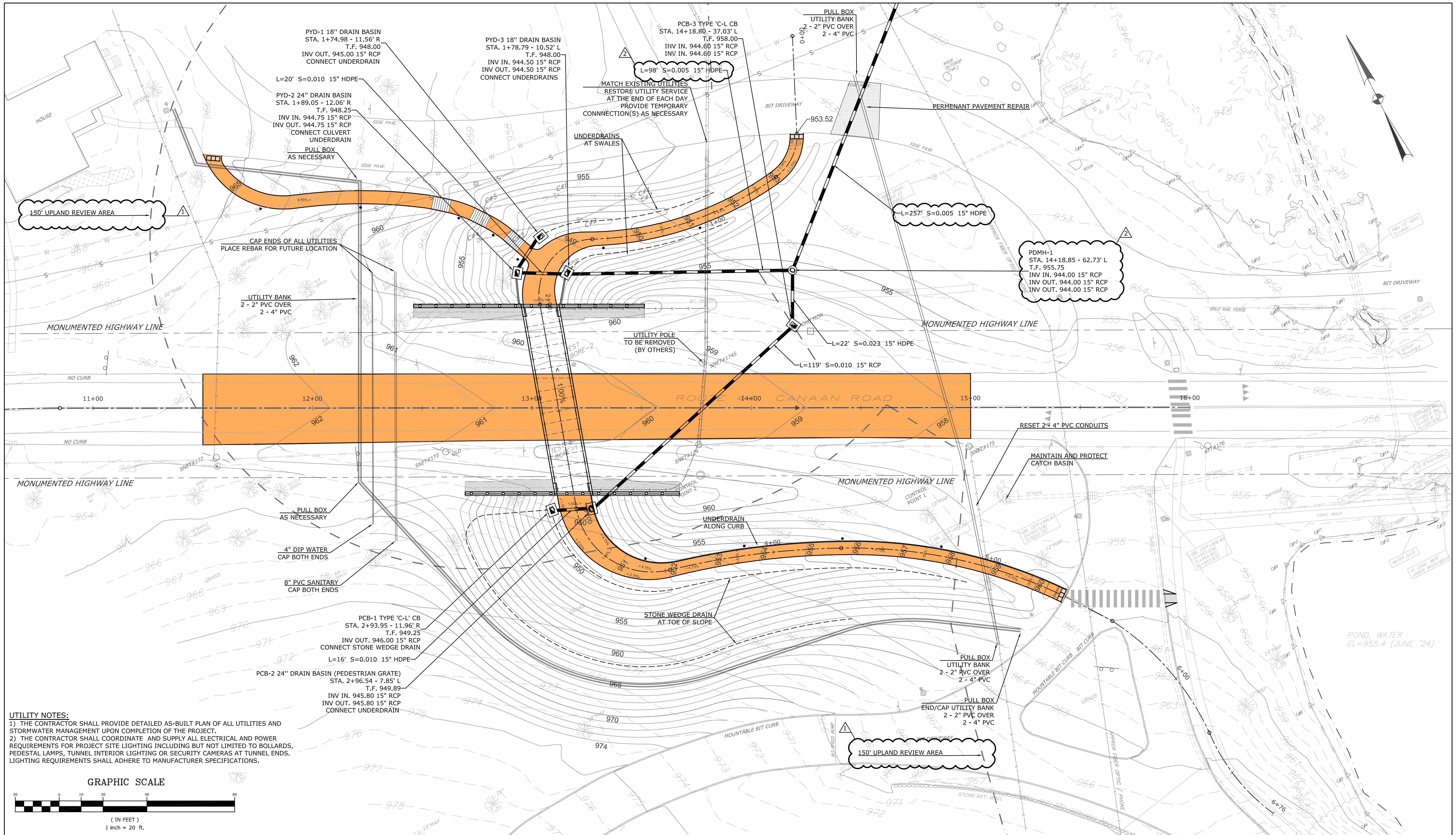
**WMC**  
CONSULTING ENGINEERS  
 WENGELL, McDONNELL & COSTELLO  
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 NEWINGTON, CT 06111  
 (860) 667-9624

**PREPARED FOR**  
 SALISBURY SCHOOL  
 251 CANAAN ROAD  
 SALISBURY, CT 06068

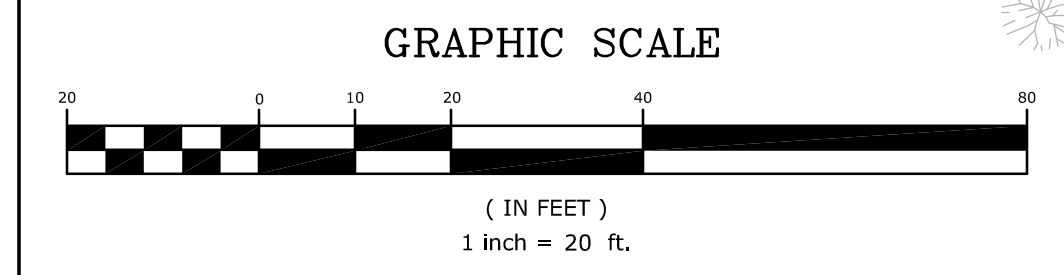
## SITE GRADING PLAN SALISBURY SCHOOL PEDESTRIAN TUNNEL 251 CANAAN ROAD (RT 44), SALISBURY

D - SALISBURY TUNNEL -	24015_FD -	24015.10 -		SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.

SG-1.1



**UTILITY NOTES:**  
 1) THE CONTRACTOR SHALL PROVIDE DETAILED AS-BUILT PLAN OF ALL UTILITIES AND STORMWATER MANAGEMENT UPON COMPLETION OF THE PROJECT.  
 2) THE CONTRACTOR SHALL COORDINATE AND SUPPLY ALL ELECTRICAL AND POWER REQUIREMENTS FOR PROJECT SITE LIGHTING INCLUDING BUT NOT LIMITED TO BOLLARDS, PEDESTAL LAMPS, TUNNEL INTERIOR LIGHTING OR SECURITY CAMERAS AT TUNNEL ENDS. LIGHTING REQUIREMENTS SHALL ADHERE TO MANUFACTURER SPECIFICATIONS.



NO.	DATE	DESCRIPTION
1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA
2	03/23/26	REVISIONS PER TOWN ENGINEER COMMENTS

NO.	DATE	DESCRIPTION

**CONSTRUCTION DOCUMENTS**

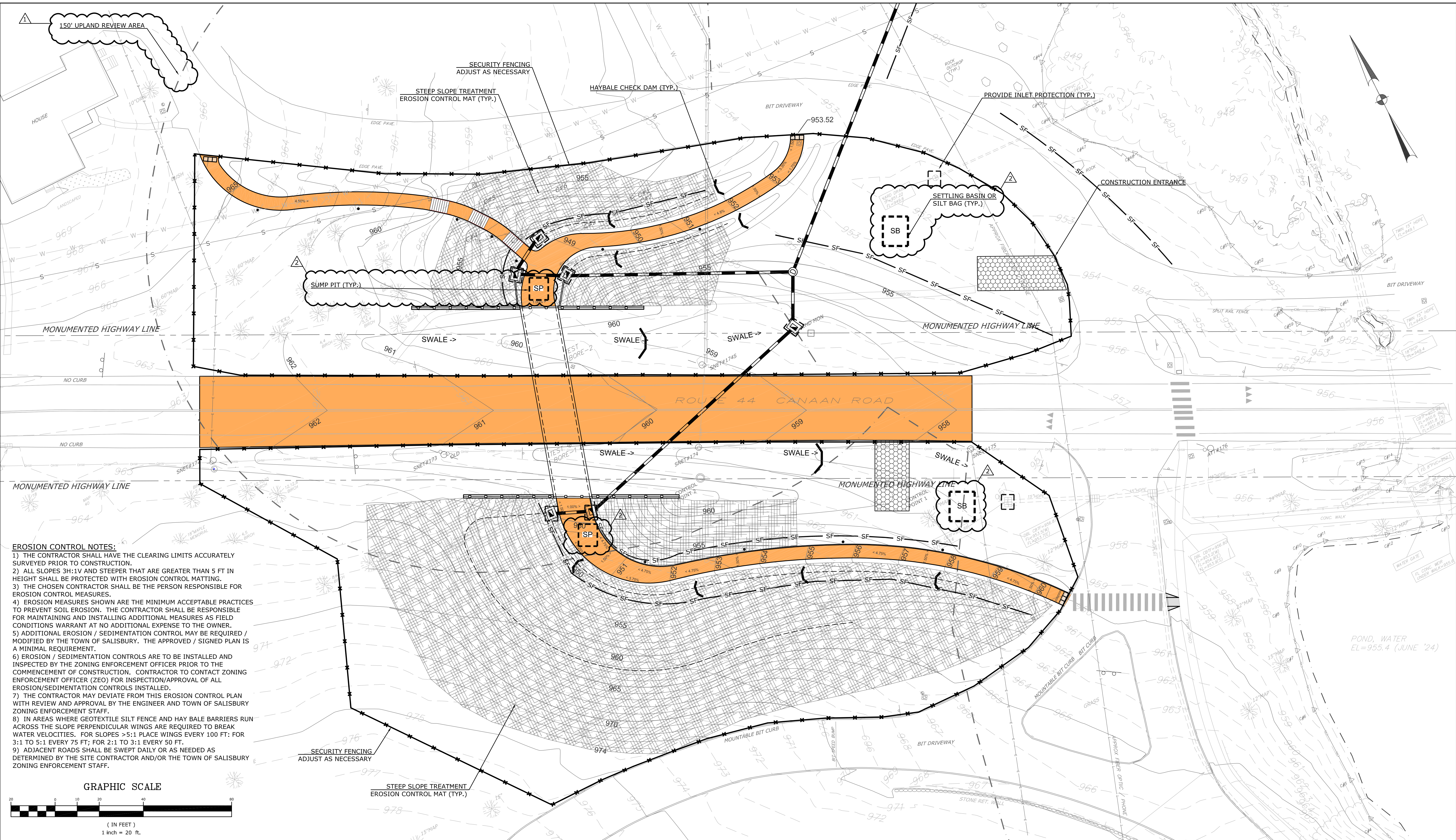
**SCALE**  
1" = 20'

**WMC**  
CONSULTING ENGINEERS  
 WENGELL, McDONNELL & COSTELLO  
 87 HOLMES ROAD  
 NEWINGTON, CT 06111  
 (860) 667-9624

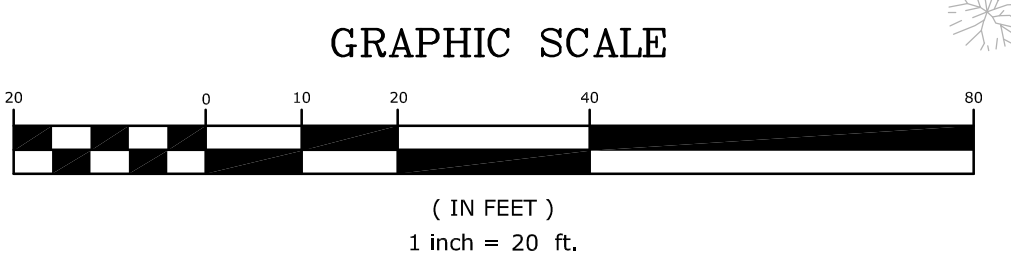
**PREPARED FOR**  
 SALISBURY SCHOOL  
 251 CANAAN ROAD  
 SALISBURY, CT 06068

**SITE DRAINAGE & UTILITY PLAN**  
**SALISBURY SCHOOL PEDESTRIAN TUNNEL**  
 251 CANAAN ROAD (RT 44), SALISBURY

NO. 1 PROJECT FILE NAME 24015\_FD NUMBER 24015.10 REV. SU-1.1



- EROSION CONTROL NOTES:**
- 1) THE CONTRACTOR SHALL HAVE THE CLEARING LIMITS ACCURATELY SURVEYED PRIOR TO CONSTRUCTION.
  - 2) ALL SLOPES 3H:1V AND STEEPER THAT ARE GREATER THAN 5 FT IN HEIGHT SHALL BE PROTECTED WITH EROSION CONTROL MATTING.
  - 3) THE CHOSEN CONTRACTOR SHALL BE THE PERSON RESPONSIBLE FOR EROSION CONTROL MEASURES.
  - 4) EROSION MEASURES SHOWN ARE THE MINIMUM ACCEPTABLE PRACTICES TO PREVENT SOIL EROSION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING AND INSTALLING ADDITIONAL MEASURES AS FIELD CONDITIONS WARRANT AT NO ADDITIONAL EXPENSE TO THE OWNER.
  - 5) ADDITIONAL EROSION / SEDIMENTATION CONTROL MAY BE REQUIRED / MODIFIED BY THE TOWN OF SALISBURY. THE APPROVED / SIGNED PLAN IS A MINIMAL REQUIREMENT.
  - 6) EROSION / SEDIMENTATION CONTROLS ARE TO BE INSTALLED AND INSPECTED BY THE ZONING ENFORCEMENT OFFICER PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. CONTRACTOR TO CONTACT ZONING ENFORCEMENT OFFICER (ZEO) FOR INSPECTION/APPROVAL OF ALL EROSION/SEDIMENTATION CONTROLS INSTALLED.
  - 7) THE CONTRACTOR MAY DEVIATE FROM THIS EROSION CONTROL PLAN WITH REVIEW AND APPROVAL BY THE ENGINEER AND TOWN OF SALISBURY ZONING ENFORCEMENT STAFF.
  - 8) IN AREAS WHERE GEOTEXTILE SILT FENCE AND HAY BALE BARRIERS RUN ACROSS THE SLOPE PERPENDICULAR WINGS ARE REQUIRED TO BREAK WATER VELOCITIES. FOR SLOPES >5:1 PLACE WINGS EVERY 100 FT. FOR 3:1 TO 5:1 EVERY 75 FT; FOR 2:1 TO 3:1 EVERY 50 FT.
  - 9) ADJACENT ROADS SHALL BE SWEEP DAILY OR AS NEEDED AS DETERMINED BY THE SITE CONTRACTOR AND/OR THE TOWN OF SALISBURY ZONING ENFORCEMENT STAFF.



NO.	DATE	DESCRIPTION	DATE
1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA	
2	03/23/26	REVISIONS PER TOWN ENGINEER COMMENTS	
<b>REVISIONS</b>			

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

# CONSTRUCTION DOCUMENTS

SCALE  
1" = 20'

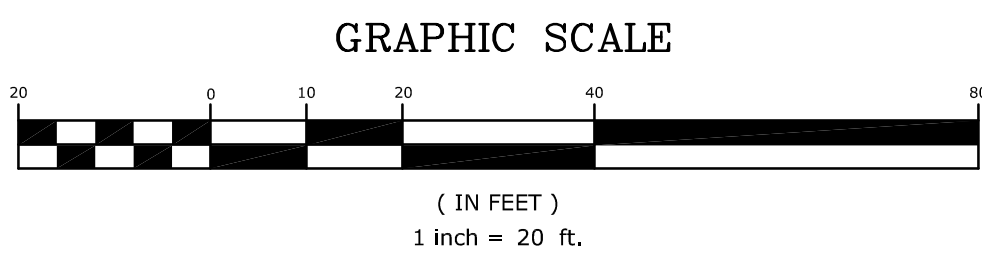
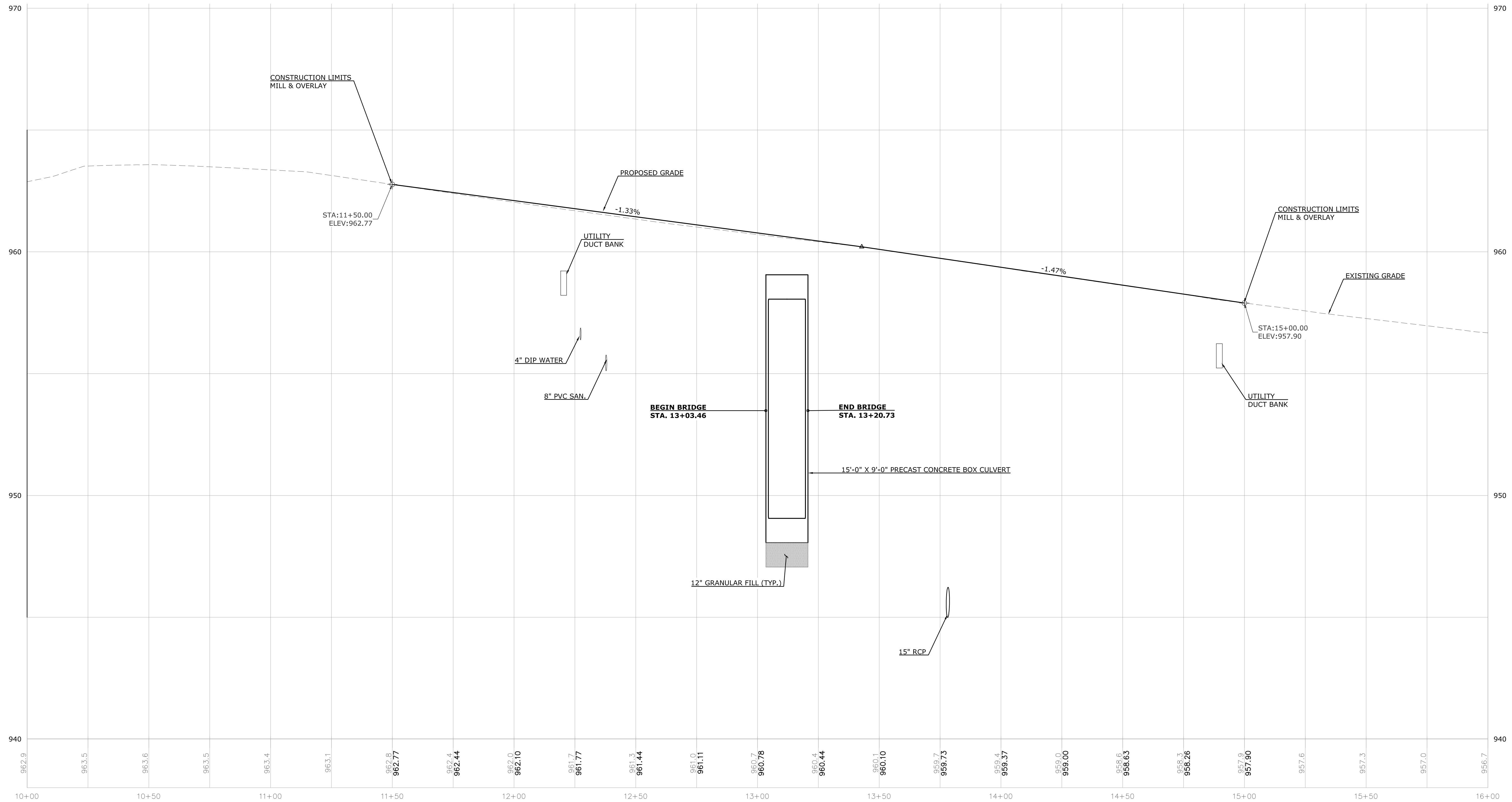


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**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**SITE EROSION CONTROL PLAN**  
**SALISBURY SCHOOL PEDESTRIAN TUNNEL**  
**251 CANAAN ROAD (RT 44), SALISBURY**

D - SALISBURY TUNNEL -	24015_FD -	24015.10 -			SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	SE-1.1



**PROPOSED ROADWAY PROFILE**

SCALE: 1" = 20' (HORIZONTAL)  
SCALE: 1" = 2' (VERTICAL)

NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE  
HORIZ: 1" = 20'  
VERT: 1" = 2'



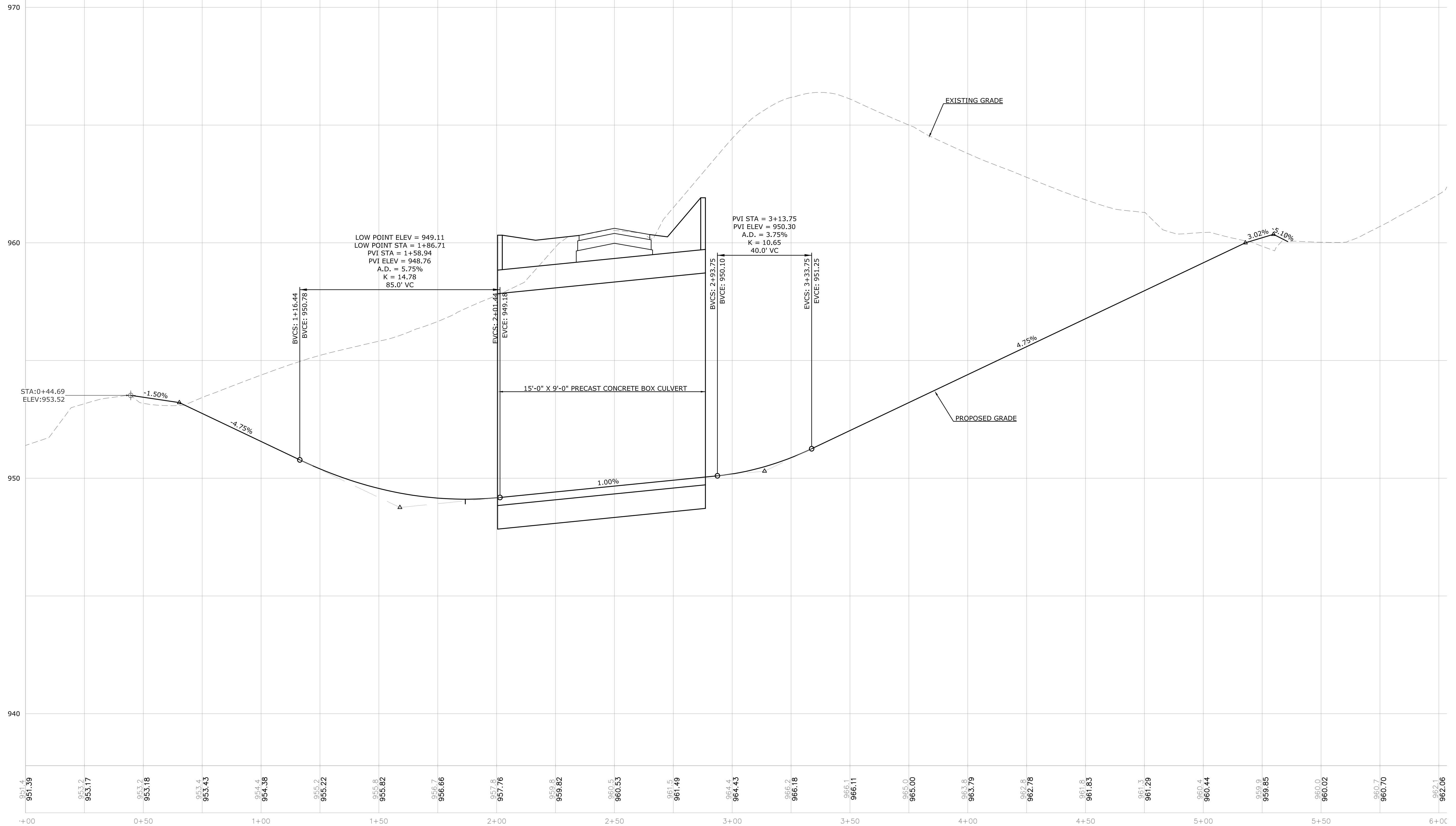
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**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**ROADWAY PROFILE (RT 44)**  
**SALISBURY SCHOOL PEDESTRIAN TUNNEL**  
**251 CANAAN ROAD (RT 44), SALISBURY**

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-
SIZE	PROJECT	FILE NAME	NUMBER	REV.

SHEET  
PR-1.1

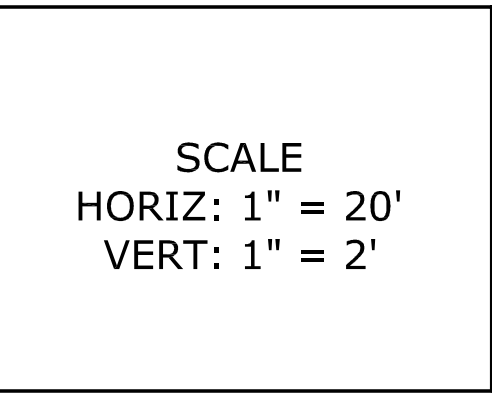


NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

CONSTRUCTION DOCUMENTS

SCALE  
HORIZ: 1" = 20'  
VERT: 1" = 2'

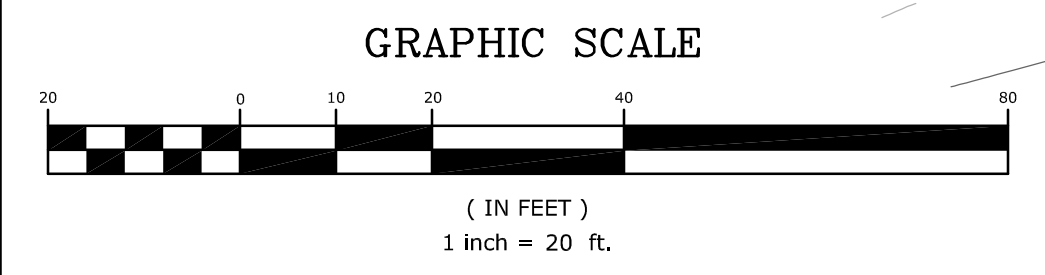
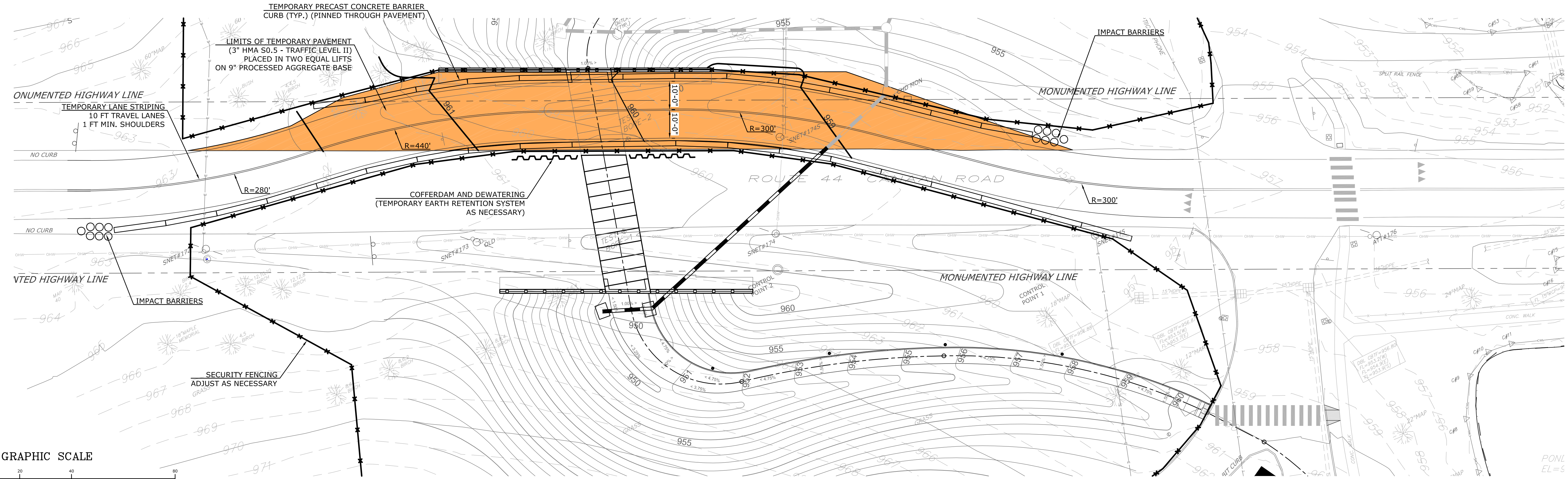
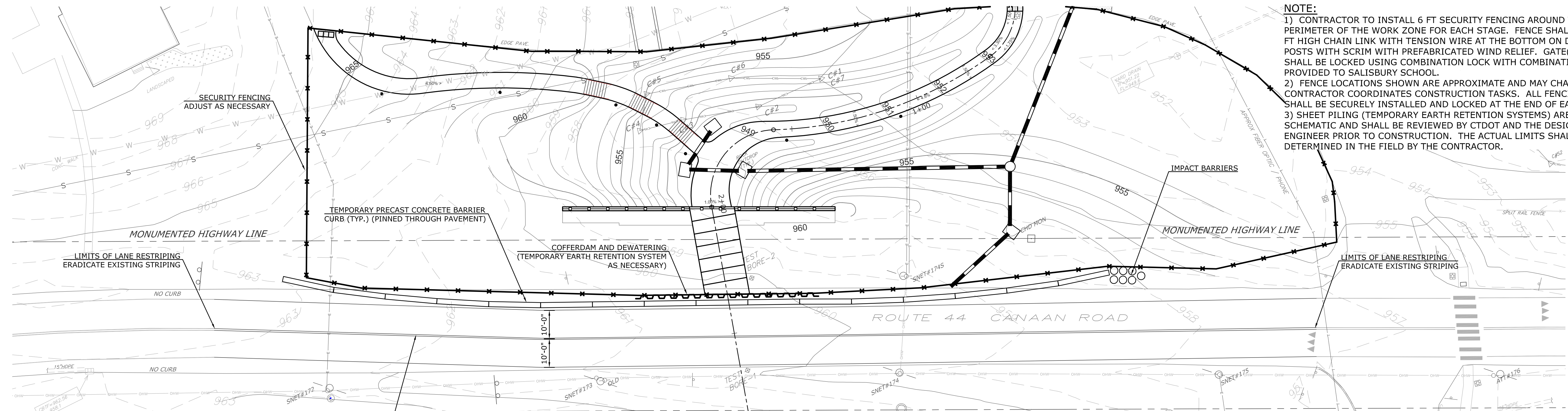


**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**PATH PROFILE**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-	SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	PR-1.2

**NOTE:**  
 1) CONTRACTOR TO INSTALL 6 FT SECURITY FENCING AROUND THE PERIMETER OF THE WORK ZONE FOR EACH STAGE. FENCE SHALL BE 6 FT HIGH CHAIN LINK WITH TENSION WIRE AT THE BOTTOM ON DRIVEN POSTS WITH SCRIM WITH PREFABRICATED WIND RELIEF. GATE(S) SHALL BE LOCKED USING COMBINATION LOCK WITH COMBINATION PROVIDED TO SALISBURY SCHOOL.  
 2) FENCE LOCATIONS SHOWN ARE APPROXIMATE AND MAY CHANGE AS CONTRACTOR COORDINATES CONSTRUCTION TASKS. ALL FENCING SHALL BE SECURELY INSTALLED AND LOCKED AT THE END OF EACH DAY.  
 3) SHEET PILING (TEMPORARY EARTH RETENTION SYSTEMS) ARE SCHEMATIC AND SHALL BE REVIEWED BY CTDOT AND THE DESIGN ENGINEER PRIOR TO CONSTRUCTION. THE ACTUAL LIMITS SHALL BE DETERMINED IN THE FIELD BY THE CONTRACTOR.



SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

# CONSTRUCTION DOCUMENTS

SCALE  
 1" = 20'



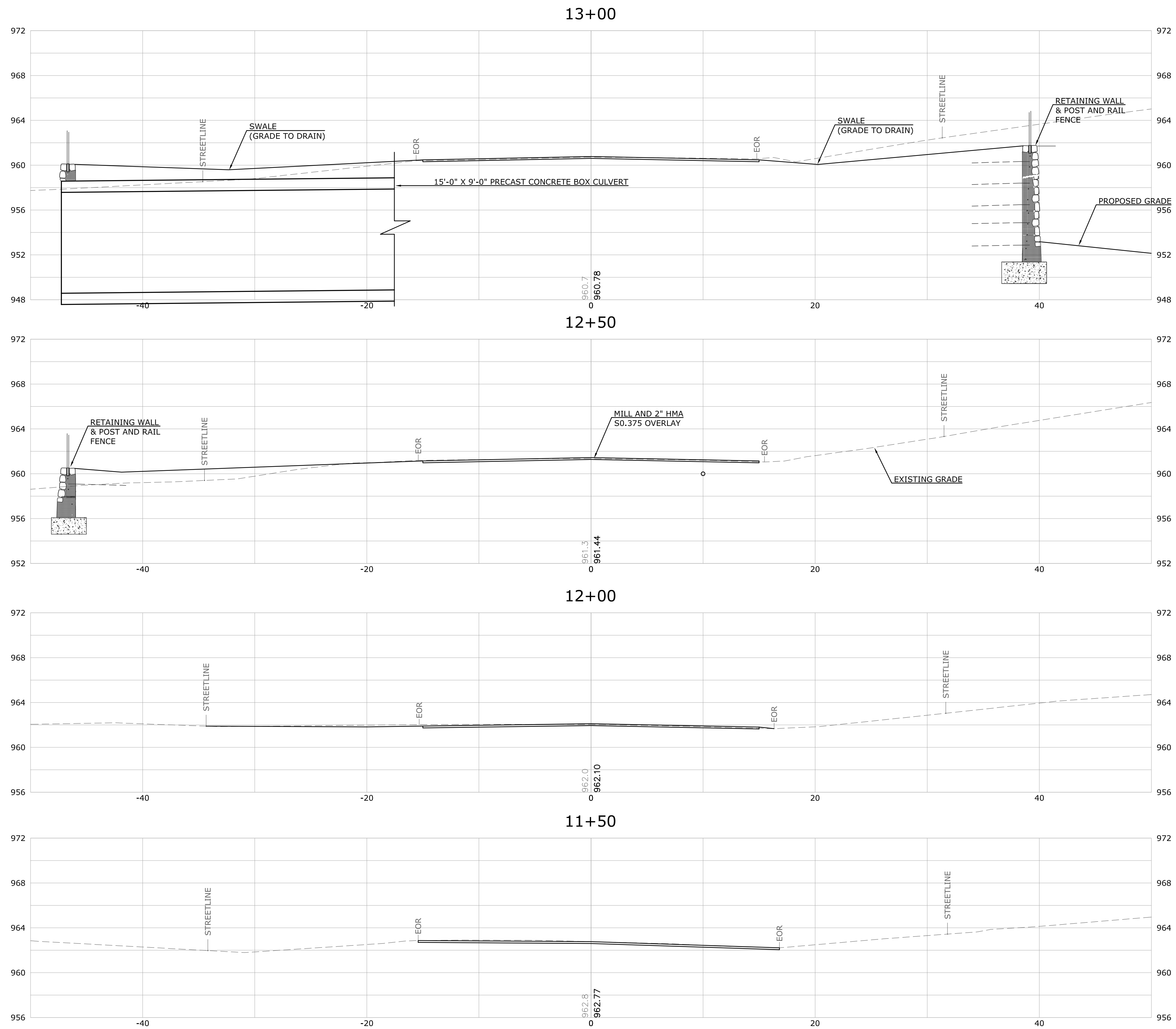
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**PREPARED FOR**

SALISBURY SCHOOL  
 251 CANAAN ROAD  
 SALISBURY, CT 06068

**CONSTRUCTION STAGING PLAN  
 SALISBURY SCHOOL PEDESTRIAN TUNNEL  
 251 CANAAN ROAD (RT 44), SALISBURY**

D - SALISBURY TUNNEL -	24015_FD -	24015.10 -	SHEET
SIZE	PROJECT	FILE NAME	NUMBER
		REV.	CS-1.1

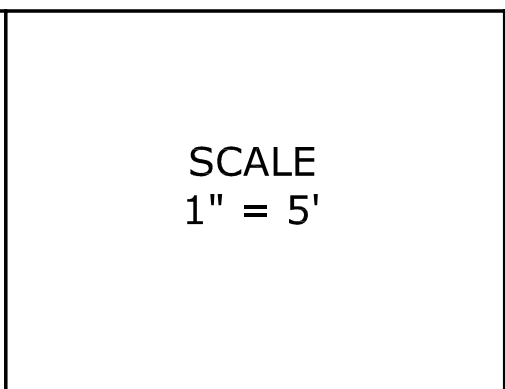


NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

CONSTRUCTION DOCUMENTS

SCALE  
1" = 5'

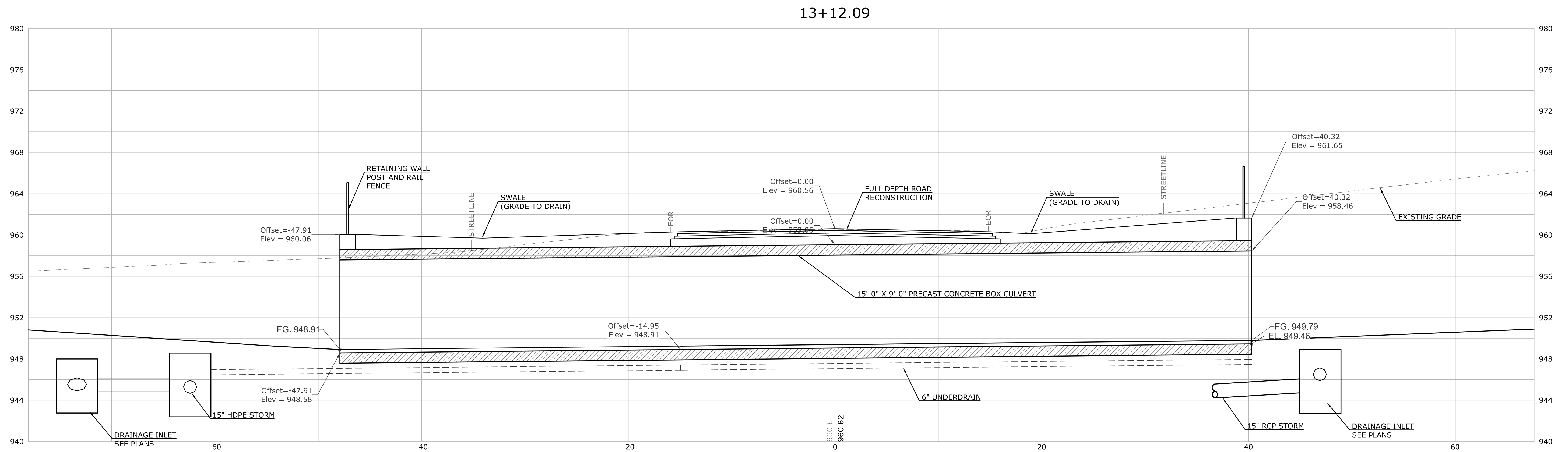
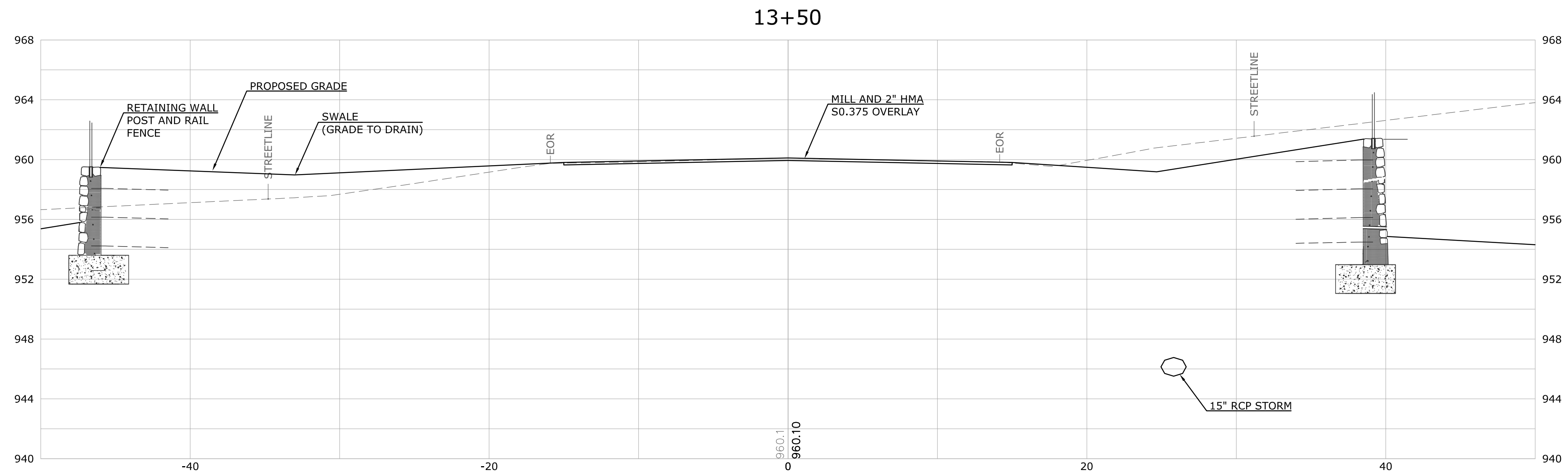


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PREPARED FOR

SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

CROSS SECTIONS STA. 12+00 - 13+00 SALISBURY SCHOOL PEDESTRIAN TUNNEL 251 CANAAN ROAD (RT 44), SALISBURY				
D	- SALISBURY TUNNEL -	24015_FD	24015.10	-
SIZE	PROJECT	FILE NAME	NUMBER	REV.
				SHEET XS-1.1



NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
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DRAWN	R.E.B.
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DATE	01/05/2026

# CONSTRUCTION DOCUMENTS

SCALE  
1" = 5'



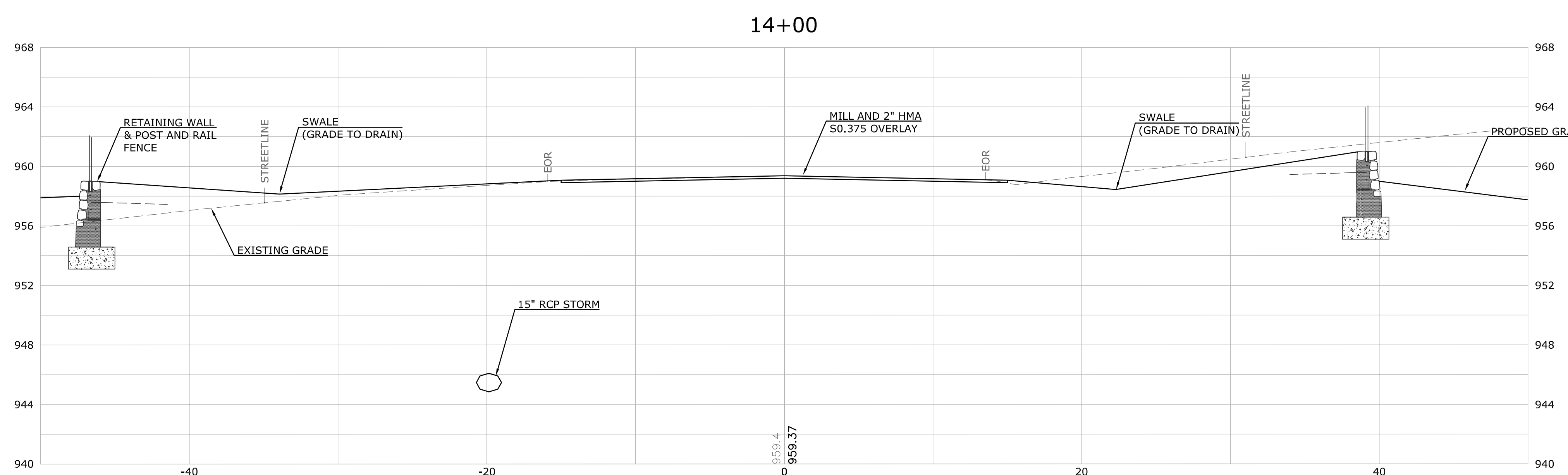
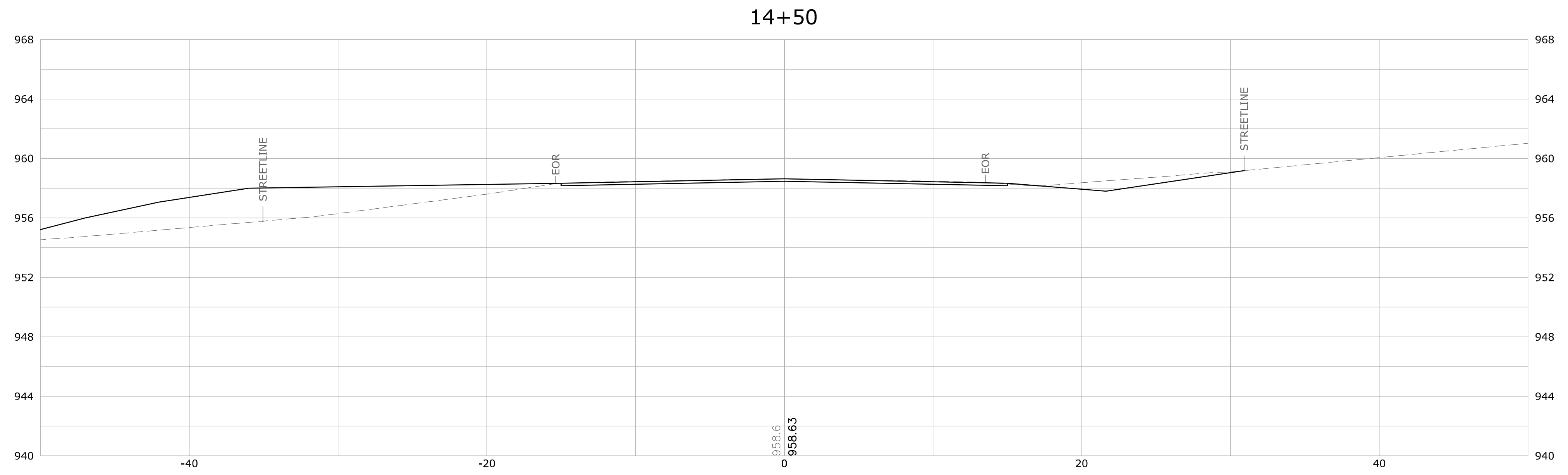
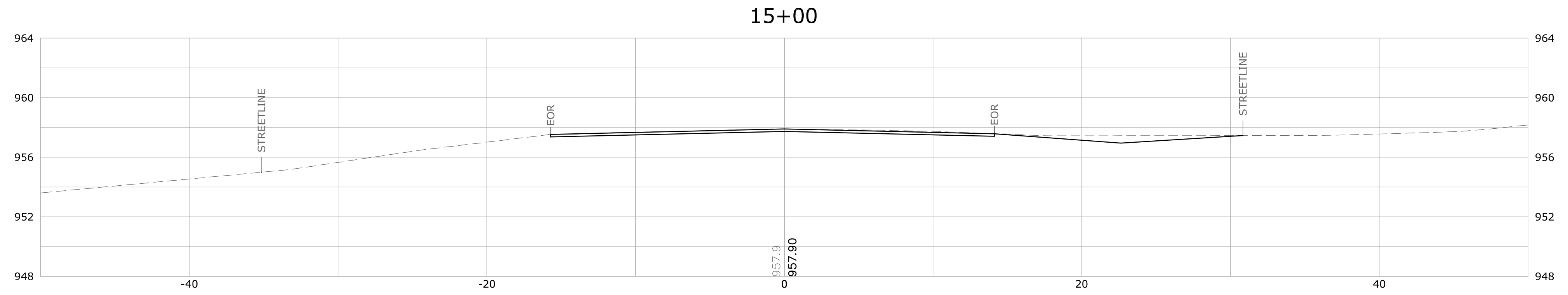
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**PREPARED FOR**  
**SALISBURY SCHOOL**  
251 CANAAN ROAD  
SALISBURY, CT 06068

**CROSS SECTIONS STA. 13+12.09 - 13+50**  
**SALISBURY SCHOOL PEDESTRIAN TUNNEL**  
**251 CANAAN ROAD (RT 44), SALISBURY**

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-
SIZE	PROJECT	FILE NAME	NUMBER	REV.

SHEET  
XS-1.2

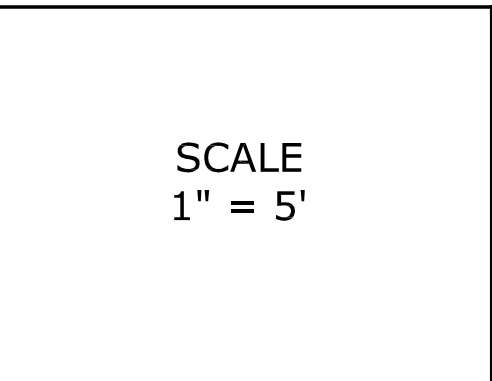


NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

CONSTRUCTION DOCUMENTS

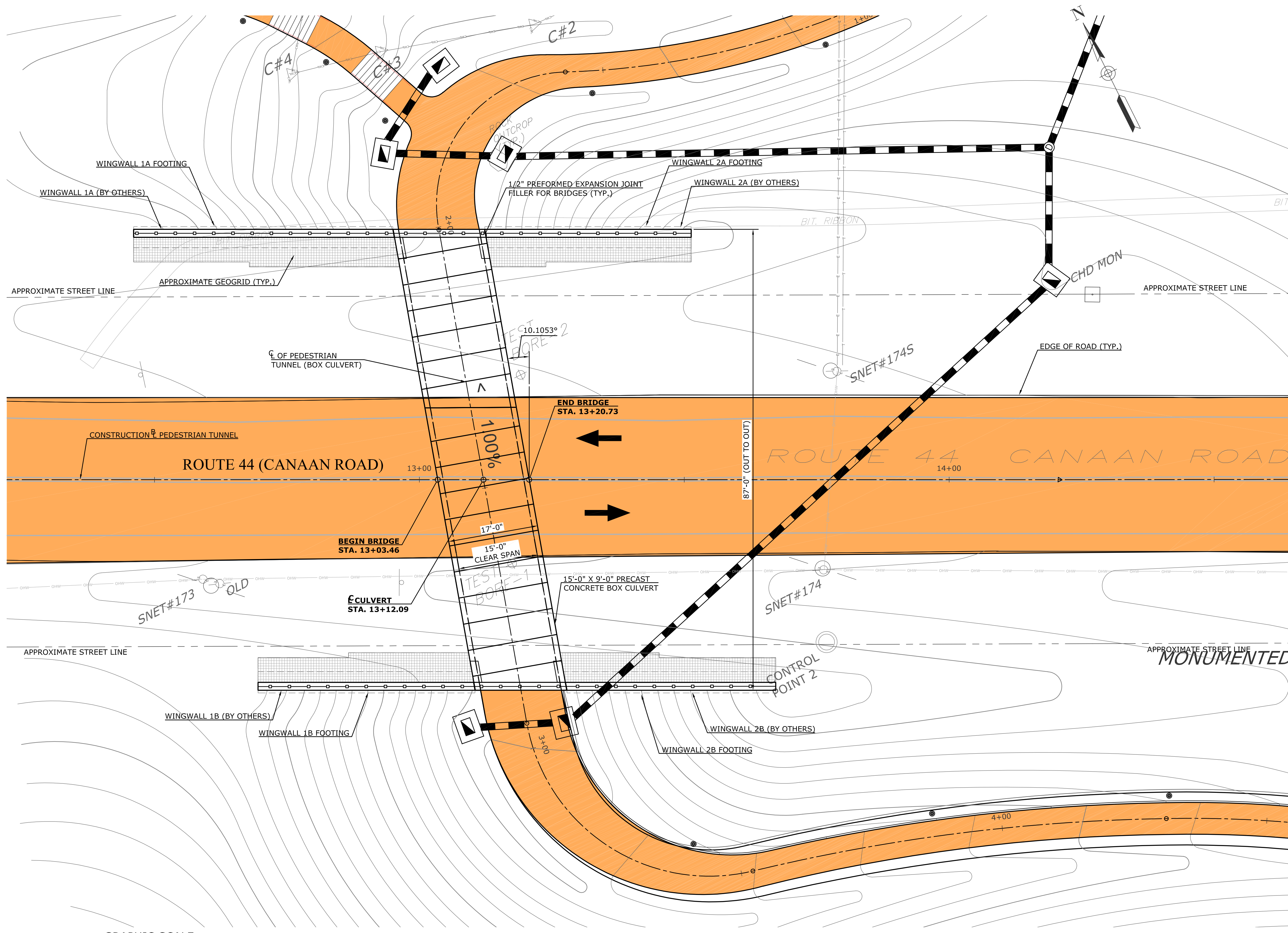
SCALE  
1" = 5'



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PREPARED FOR  
 SALISBURY SCHOOL  
 251 CANAAN ROAD  
 SALISBURY, CT 06068

CROSS SECTIONS STA. 14+00 - 15+00 SALISBURY SCHOOL PEDESTRIAN TUNNEL 251 CANAAN ROAD (RT 44), SALISBURY					
SIZE	PROJECT	FILE NAME	NUMBER	REV.	SHEET
D	SALISBURY TUNNEL	24015_FD	24015.10	-	XS-1.3



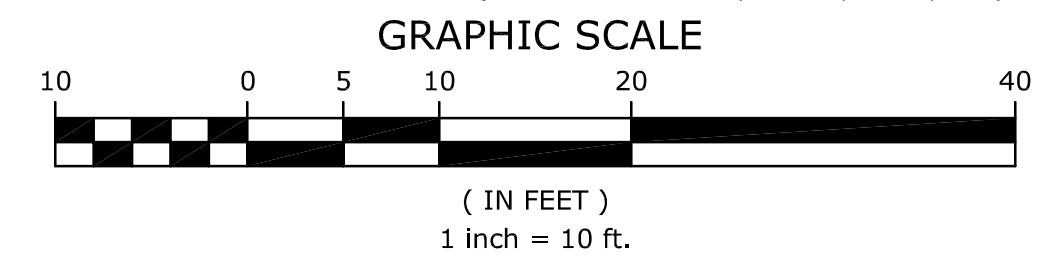
**GENERAL NOTES:**  
**SPECIFICATIONS:** CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 819 (2024), ALL LATEST SUPPLEMENTAL SPECIFICATIONS OR LATEST AT THE TIME OF BID AND SPECIAL PROVISIONS.  
**DESIGN SPECIFICATIONS:** AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS (AASHTO NINTH EDITION, DATED 2020 INCLUDING INTERIM SPECIFICATIONS UP TO 2018), AS SUPPLEMENTED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN MANUAL (2003).  
**MATERIAL STRENGTHS:**  
**CONCRETE:**  
 CLASS PCC 03340  $f'_c = 3000$  P.S.I.  
 THE CONCRETE STRENGTH,  $f'_c$ , USED IN DESIGN OF THE CONCRETE COMPONENTS IS NOTED ABOVE. THE COMPRESSIVE STRENGTH OF THE CONCRETE IN THE CONSTRUCTED COMPONENTS SHALL CONFORM TO THE REQUIREMENTS OF 6.01 - CONCRETE FOR STRUCTURES, AND M.03 - PORTLAND CEMENT CONCRETE  
**REINFORCEMENT:**  
 ASTM A615 GRADE 60  $f_y = 60,000$  PSI  
**LIVE LOAD:** HL-93, LEGAL AND PERMIT VEHICLES  
**HMA OVERLAY:** SEE ROADWAY DETAILS SHEET.  
**FOUNDATION PRESSURES:** THE VARIOUS GROUP LOADINGS NOTED ON THE SUBSTRUCTURE PLAN SHEETS REFER TO THE GROUP LOADS AS GIVEN IN THE AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS.  
**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 REFERENCE BY THE REVIEWER.  
**PRECAST CONCRETE BOX CULVERT:** SEE SPECIAL PROVISIONS.  
**UTILITY RELOCATIONS:** OVERHEAD OR UNDERGROUND UTILITY LINES MAY BE IN CONFLICT WITH TEMPORARY SHEETING OR COFFERDAMS, SETTING OF PRECAST CONCRETE BOX CULVERTS OR OTHER CONSTRUCTION. DEPENDING UPON THE CONTRACTOR'S CONSTRUCTION OPERATIONS, THESE UTILITIES MAY NEED TO BE RELOCATED TO TEMPORARY LOCATIONS FOR PORTIONS OF THE CONSTRUCTION OPERATIONS AND THEN MOVED BACK TO PERMANENT LOCATIONS WHICH MAY BE OTHER THAN CURRENT LOCATIONS. THE ACTUAL UTILITY RELOCATIONS (PERMANENT OR TEMPORARY) WILL BE THE RESPONSIBILITY OF THE INDIVIDUAL UTILITY OWNER, HOWEVER THE CONTRACTOR WILL BE REQUIRED TO COORDINATE ALL UTILITY RELOCATIONS WITH EACH UTILITY OWNER AND TO PHASE HIS WORK AS REQUIRED TO ACCOMMODATE TEMPORARY AND PERMANENT UTILITY RELOCATION WORK. THE CONTRACTOR SHALL HAVE NO RIGHT TO CLAIM EXTRA COMPENSATION FOR DELAYS OR STAGING AND PHASING OF HIS WORK DUE TO UTILITY RELOCATION WORK.  
**CONCRETE NOTES:**  
**CONCRETE:** THE FOLLOWING PAY ITEMS AND CONCRETE CLASSES ARE REQUIRED FOR CAST-IN-PLACE BRIDGE COMPONENTS:

ITEM	BRIDGE COMPONENTS	PCC CLASS
FOOTING CONCRETE	CUT-OFF AND RETURN WALLS	PCC03340

**EXPOSED EDGES:** EXPOSED EDGES OF CONCRETE SHALL BE BEVELED 1"x1" UNLESS DIMENSIONED OTHERWISE  
**CONCRETE COVER:** ALL REINFORCEMENT SHALL HAVE MIN. 2" COVER UNLESS DIMENSIONED OTHERWISE.  
**REINFORCEMENT:** ALL REINFORCEMENT SHALL BE GALVANIZED AFTER FABRICATION UNLESS NOTED OTHERWISE. ALL REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM A767, CLASS 1, INCLUDING SUPPLEMENTAL REQUIREMENTS.  
**PREFORMED EXPANSION JOINT FILLER:** 1/2" PREFORMED EXPANSION JOINT FILLER FOR BRIDGES  
**CONSTRUCTION JOINTS:** CONSTRUCTION JOINTS, OTHER THAN THOSE SHOWN ON THE PLANS, WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL OF THE ENGINEER.  
**PRECAST SUBSTRUCTURE ELEMENTS:** PRECAST SUBSTRUCTURE ELEMENTS MAY BE USED FOR CUT-OFF WALLS. SEE STRUCTURAL DRAWINGS.

TRANSPORTATION DIMENSIONS AND WEIGHT				
MEMBER	SHIPPING LENGTH	SHIPPING HEIGHT	SHIPPING WIDTH	SHIPPING WEIGHT
BC1	X-X"	X-X"	X-X"	XX,XXX LBS
BC2	X-X"	X-X"	X-X"	XX,XXX LBS
BC3	X-X"	X-X"	X-X"	XX,XXX LBS

NOTICE TO BRIDGE INSPECTORS	
THE DEPARTMENT'S BRIDGE SAFETY PROCEDURES REQUIRE THIS BRIDGE TO BE INSPECTED FOR, BUT NOT LIMITED TO, ALL APPROPRIATE COMPONENTS INDICATED IN THE GOVERNING MANUALS FOR BRIDGE INSPECTION. ATTENTION MUST BE GIVEN TO INSPECTING THE FOLLOWING SPECIAL COMPONENTS AND DETAILS (THE LISTING OF COMPONENTS FOR SPECIAL ATTENTION SHALL NOT BE CONSTRUED TO REDUCE THE IMPORTANCE OF THE INSPECTION OF ANY OTHER COMPONENT OF THE STRUCTURE). THE FREQUENCY OF INSPECTION OF THIS STRUCTURE SHALL BE IN ACCORDANCE WITH THE GOVERNING MANUALS FOR BRIDGE INSPECTION, UNLESS OTHERWISE DIRECTED BY THE ENGINEER OF BRIDGES AND STRUCTURES, OR NOTED BELOW.	
COMPONENT OR DETAIL	BRIDGE SHEET REF.
NONE	NONE



**STRUCTURAL PLAN**  
 SCALE: 1" = 10'-0"  
 APPROXIMATE BORING LOCATIONS

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE  
 1" = 10'

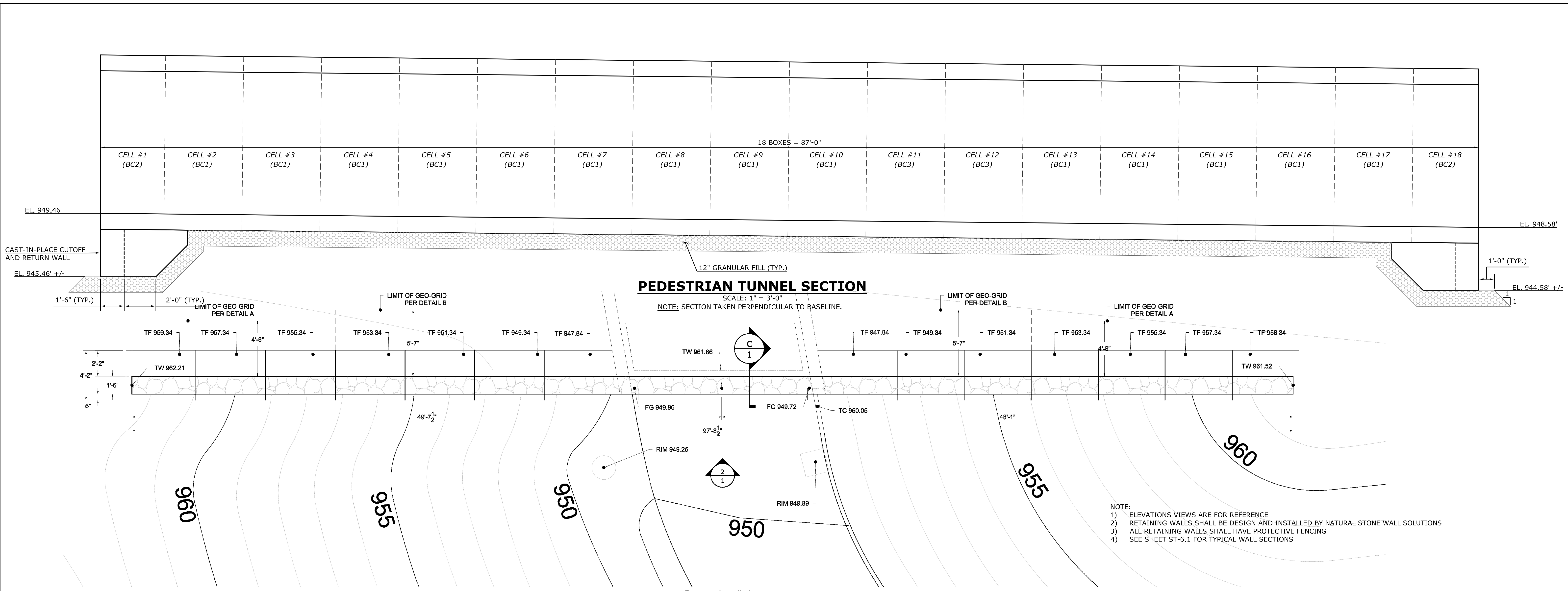
**WMC**  
 CONSULTING ENGINEERS  
 WENGELL, McDONNELL & COSTELLO  
 87 HOLMES ROAD  
 NEWINGTON, CT 06111  
 (860) 667-9624

**PREPARED FOR**  
 SALISBURY SCHOOL  
 251 CANAAN ROAD  
 SALISBURY, CT 06068

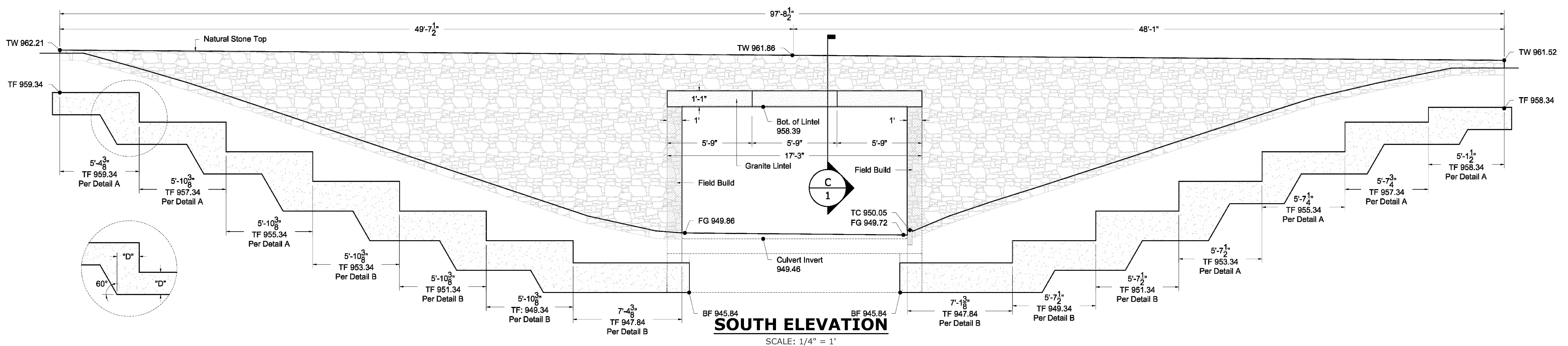
**STRUCTURE PLAN & NOTES**  
**SALISBURY SCHOOL PEDESTRIAN TUNNEL**  
 251 CANAAN ROAD (RT 44), SALISBURY

D - SALISBURY TUNNEL -	24015_FD -	24015.10 -		
SIZE	PROJECT	FILE NAME	NUMBER	REV.

SHEET  
 ST-1.1



1 South Wall Plan Layout  
Scale: 1/4" = 1'-0"



SCALE: 1/4" = 1'

SUPV.	S.R.M.	
DESIGN	R.E.B.	
DRAWN	R.E.B.	
CHECKED	S.R.M.	
DATE	01/05/2026	
NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

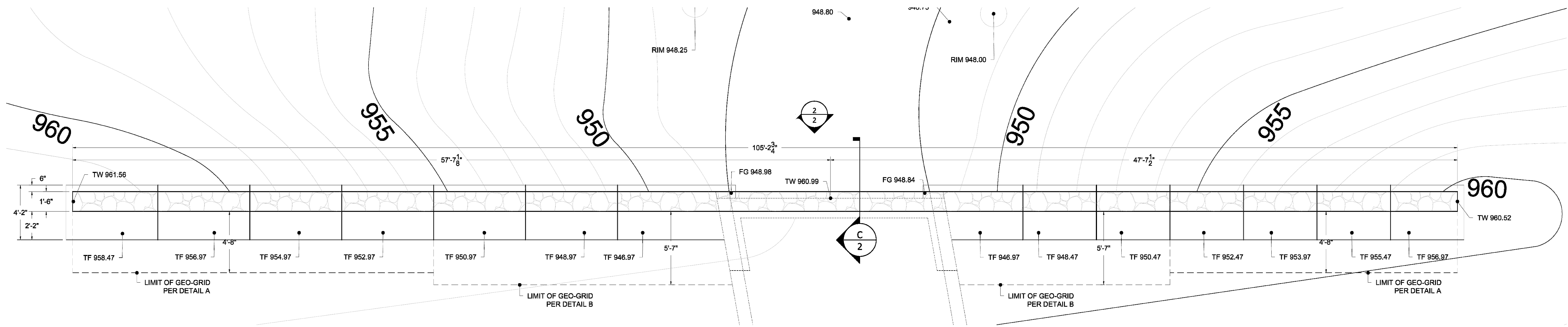
**CONSTRUCTION DOCUMENTS**

SCALE AS NOTED

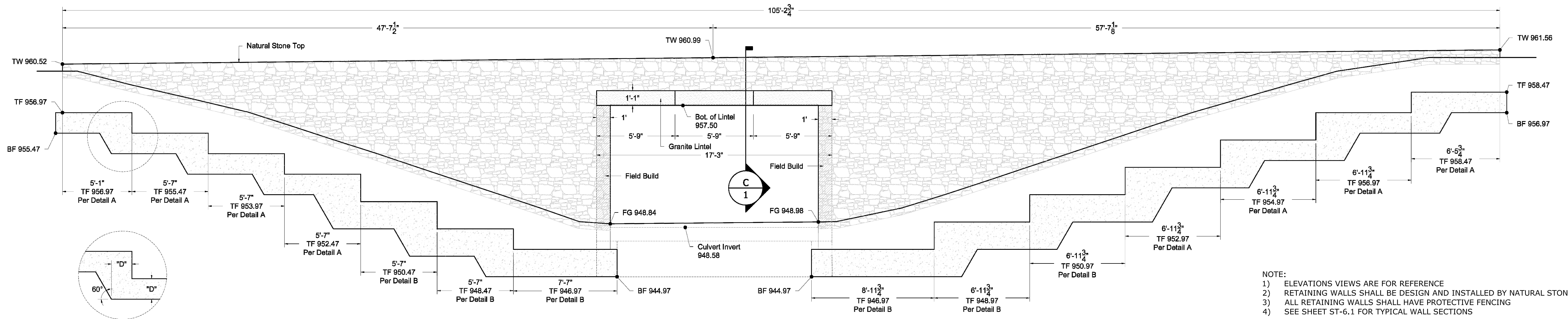
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SALISBURY, CT 06068

<b>STRUCTURE LAYOUT &amp; ELEVATIONS SALISBURY SCHOOL PEDESTRIAN TUNNEL 251 CANAAN ROAD (RT 44), SALISBURY</b>				
D - SALISBURY TUNNEL - 24015_FD - 24015.10 -				SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.
				ST-2.1



1 North Wall Plan Layout  
Scale: 1/4" = 1'-0"



**NORTH ELEVATION**  
SCALE: 1/4" = 1'

- NOTE:
- 1) ELEVATIONS VIEWS ARE FOR REFERENCE
  - 2) RETAINING WALLS SHALL BE DESIGN AND INSTALLED BY NATURAL STONE WALL SOLUTIONS
  - 3) ALL RETAINING WALLS SHALL HAVE PROTECTIVE FENCING
  - 4) SEE SHEET ST-6.1 FOR TYPICAL WALL SECTIONS


NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

CONSTRUCTION DOCUMENTS

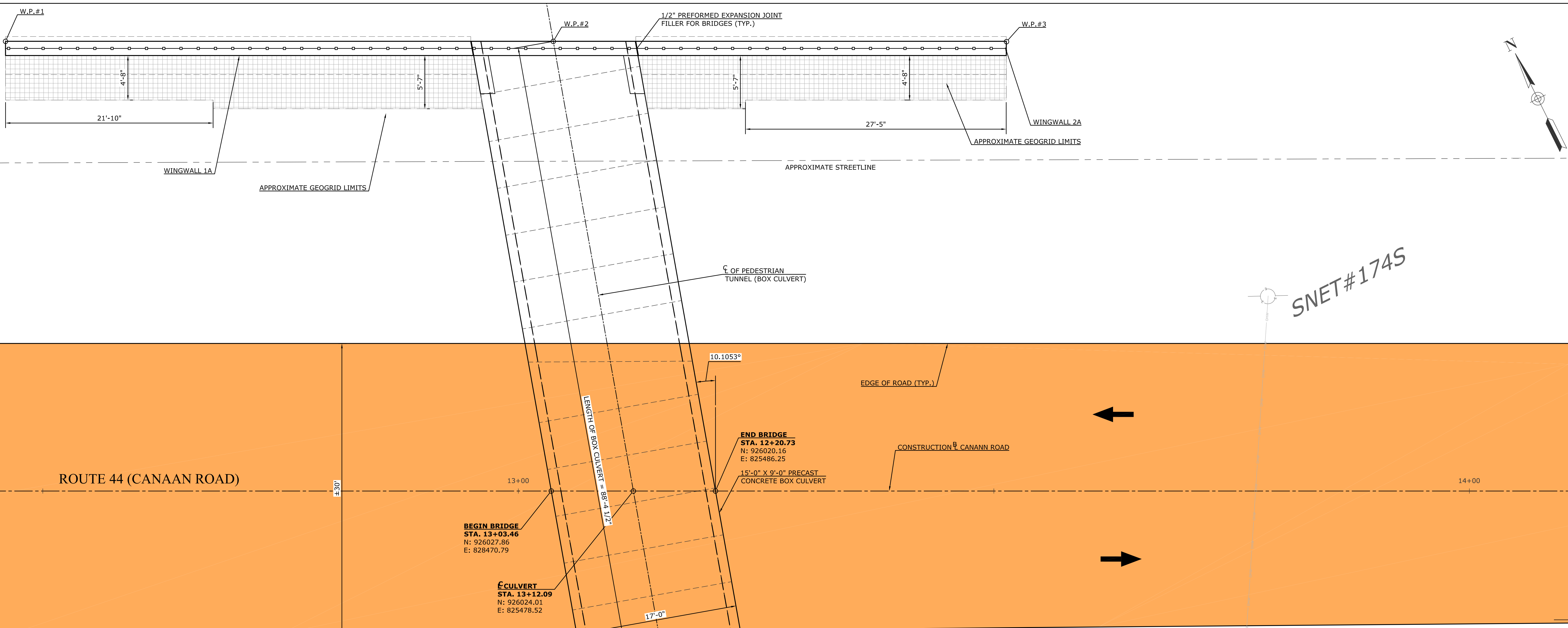
SCALE AS NOTED

SCALE AS NOTED

  
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 251 CANAAN ROAD  
 SALISBURY, CT 06068

<b>STRUCTURE LAYOUT &amp; ELEVATIONS</b> <b>SALISBURY SCHOOL PEDESTRIAN TUNNEL</b> <b>251 CANAAN ROAD (RT 44), SALISBURY</b>				SHEET <b>ST-2.2</b>
D	- SALISBURY TUNNEL -	24015_FD	24015.10	-
SIZE	PROJECT	FILE NAME	NUMBER	REV.



SNET#174S

ROUTE 44 (CANAAN ROAD)

**WORKING POINTS**

W.P. #	NORTHING	EASTING
1	926095.74	825440.49
2	926070.06	825492.05
3	926048.83	825534.68
4	925985.27	825467.14
5	926007.40	825422.72
6	925963.83	825510.19

**STRUCTURE LAYOUT PLAN**

SCALE: 1" = 5'

APPROXIMATE BORING LOCATIONS

NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE  
1" = 5'

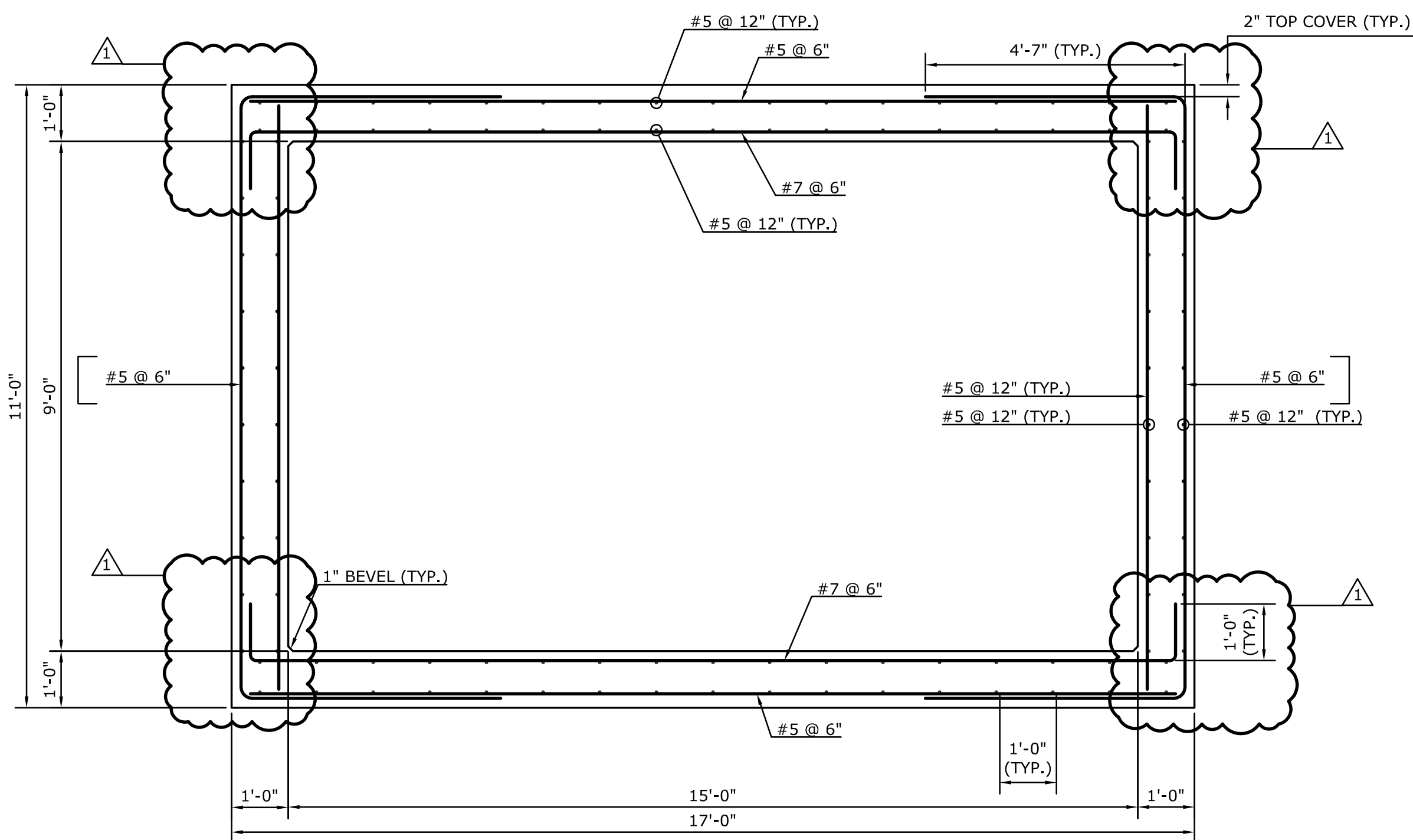


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251 CANAAN ROAD  
SALISBURY, CT 06068

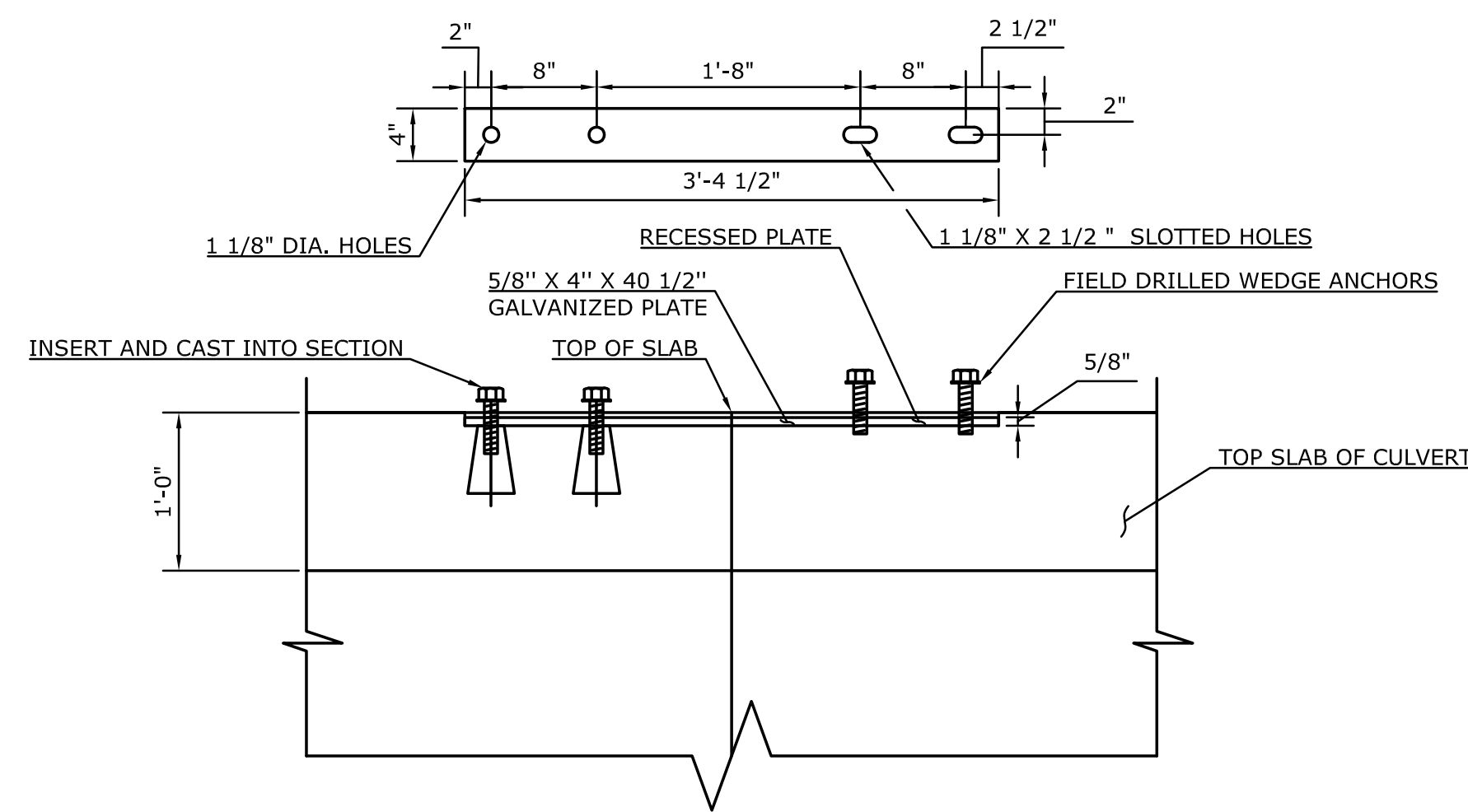
**STRUCTURE LAYOUT PLAN**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

D	SALISBURY TUNNEL	24015_FD	24015.10		SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	ST-3.1



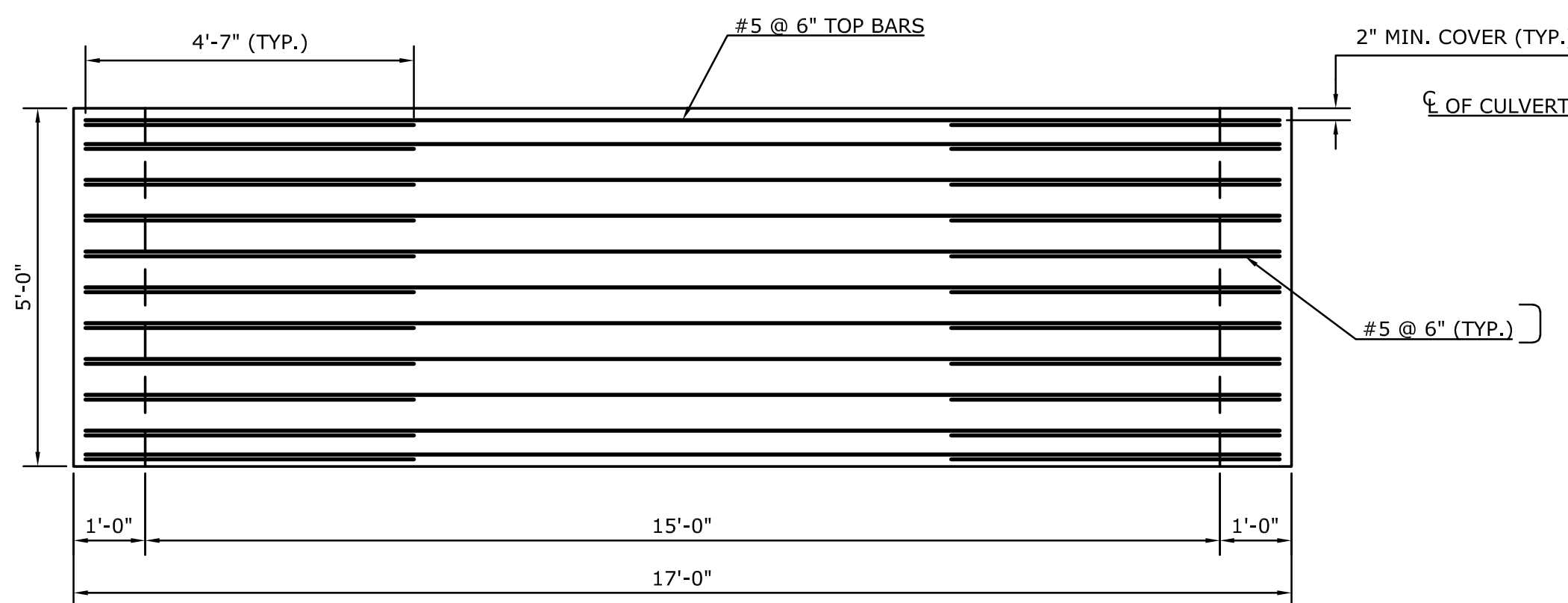
**CULVERT SECTION REINFORCEMENT DETAIL**

SCALE: 1/2" = 1'-0"



**CULVERT CONNECTION DETAIL (TYPICAL)**

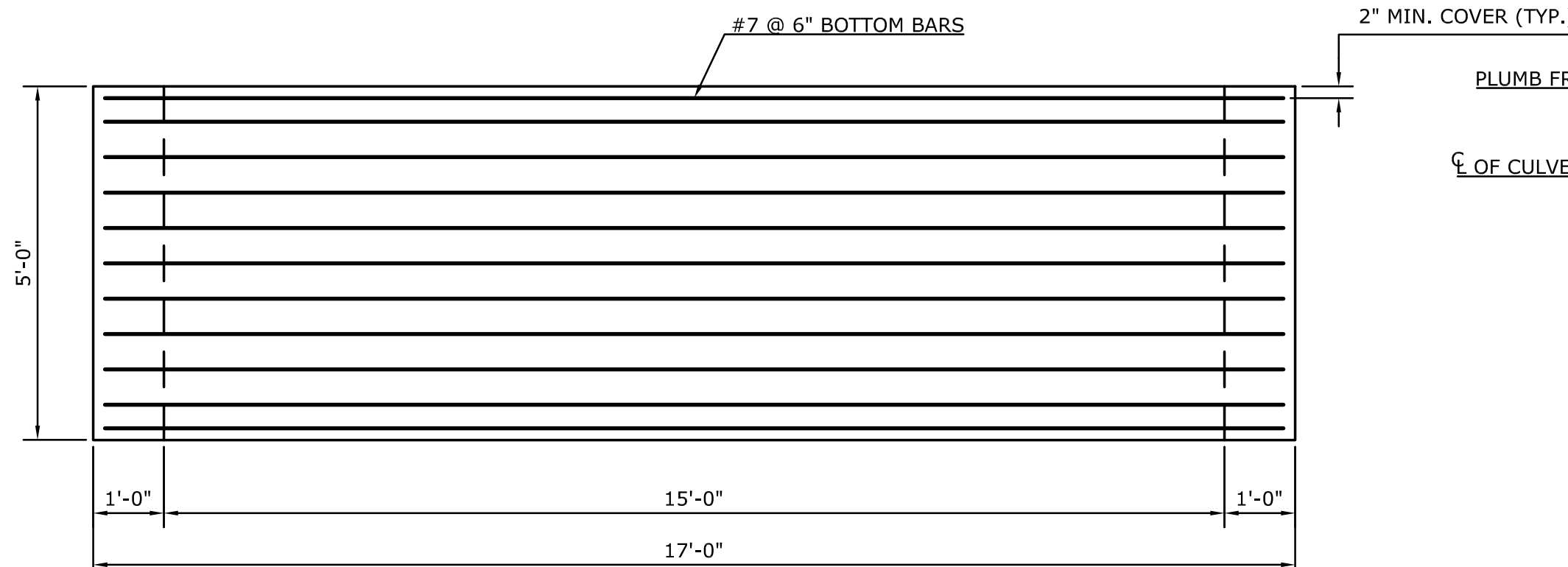
SCALE: 1" = 1'-0"



**(BC1) TOP SLAB - TOP (OUTSIDE) REINFORCEMENT DETAIL**

SCALE: 1/2" = 1'-0"

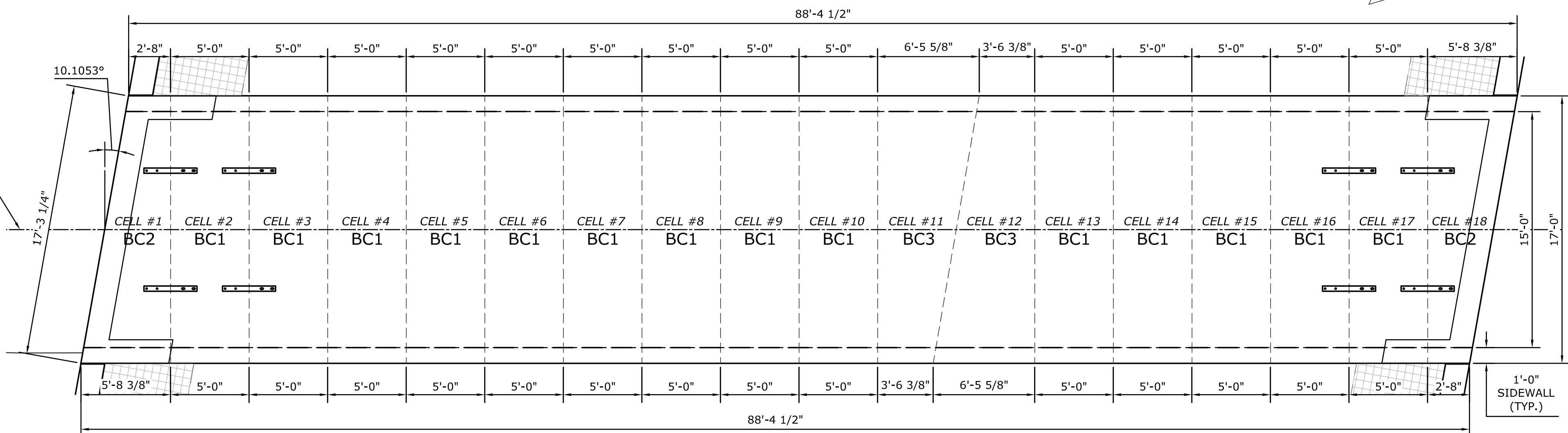
\*NOTE: TRANSVERSE REBAR NOT SHOWN FOR CLARITY.



**(BC1) TOP SLAB - BOTTOM (INSIDE) REINFORCEMENT DETAIL**

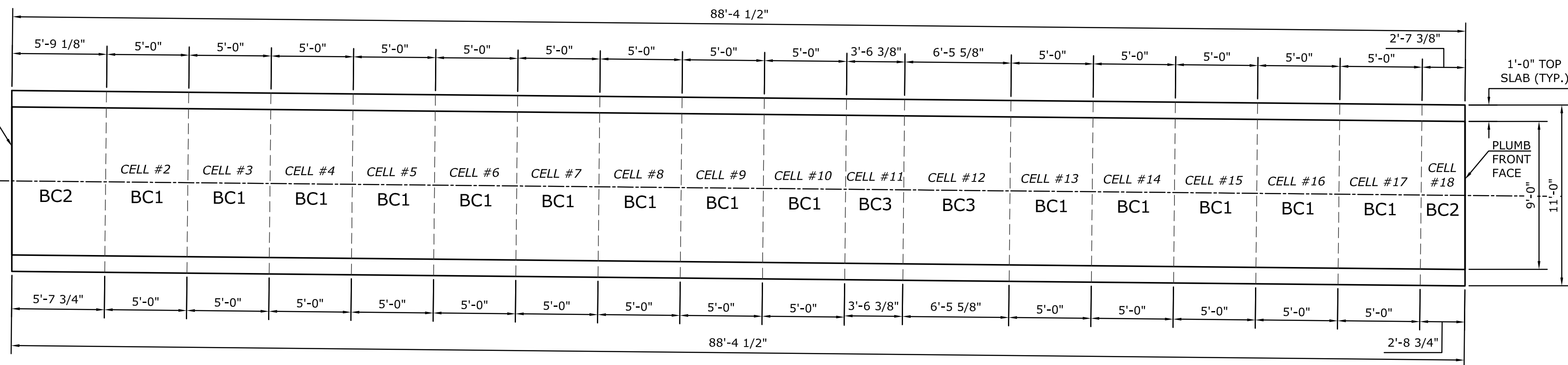
SCALE: 1/2" = 1'-0"

\*NOTE: TRANSVERSE REBAR NOT SHOWN FOR CLARITY.



**CULVERT LAYOUT PLAN**

SCALE: 1" = 5'-0"

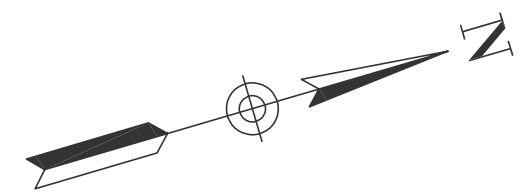


**CULVERT LAYOUT ELEVATION**

SCALE: 1" = 5'-0"

**PRECAST BOX CULVERT NOTES:**

- DIMENSIONS FOR SEGMENT WIDTHS ARE FROM CENTER TO CENTER OF JOINTS.
- CONCRETE COMPRESSIVE STRENGTH = 5000 PSI AND MINIMUM ELECTRICAL RESISTIVITY OF 29 kΩ-cm IN ACCORDANCE WITH AASHTO T 358 AT 28 DAYS.
- ALL REINFORCEMENT SHALL BE GALVANIZED AFTER FABRICATION UNLESS NOTED OTHERWISE. ALL REINFORCEMENT SHALL CONFORM TO THE REQUIREMENTS OF ASTM A767, CLASS 1, INCLUDING SUPPLEMENTAL REQUIREMENTS. ALL REINFORCEMENT TO HAVE 2" MINIMUM COVER.
- ALL INSERTS OR HOLES CAST INTO THE CULVERT SECTIONS FOR THE SOLE PURPOSE OF HANDLING AND SETTING THE UNITS SHALL BE GROUTED OVER TO A SMOOTH FINISH UPON COMPLETION OF THE WORK.
- NON-SHRINK GROUT SHALL BE USED TO GROUT THE REINFORCEMENT.
- LOCATIONS WHERE BUTYL TAPE WILL BE USED SHALL NOT BE BLAST CLEANED TO ENSURE THE BUTYL TAPE WILL ADHERE TO THE CONCRETE.
- CONNECTION PLATES SHALL BE LEFT IN PLACE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING STABILITY OF BOX CULVERT SEGMENTS DURING ALL TEMPORARY CONSTRUCTION STAGES.



NO.	DATE	DESCRIPTION
1	01/29/26	ADDENDUM 1 - ADD REBAR BEND
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE AS NOTED

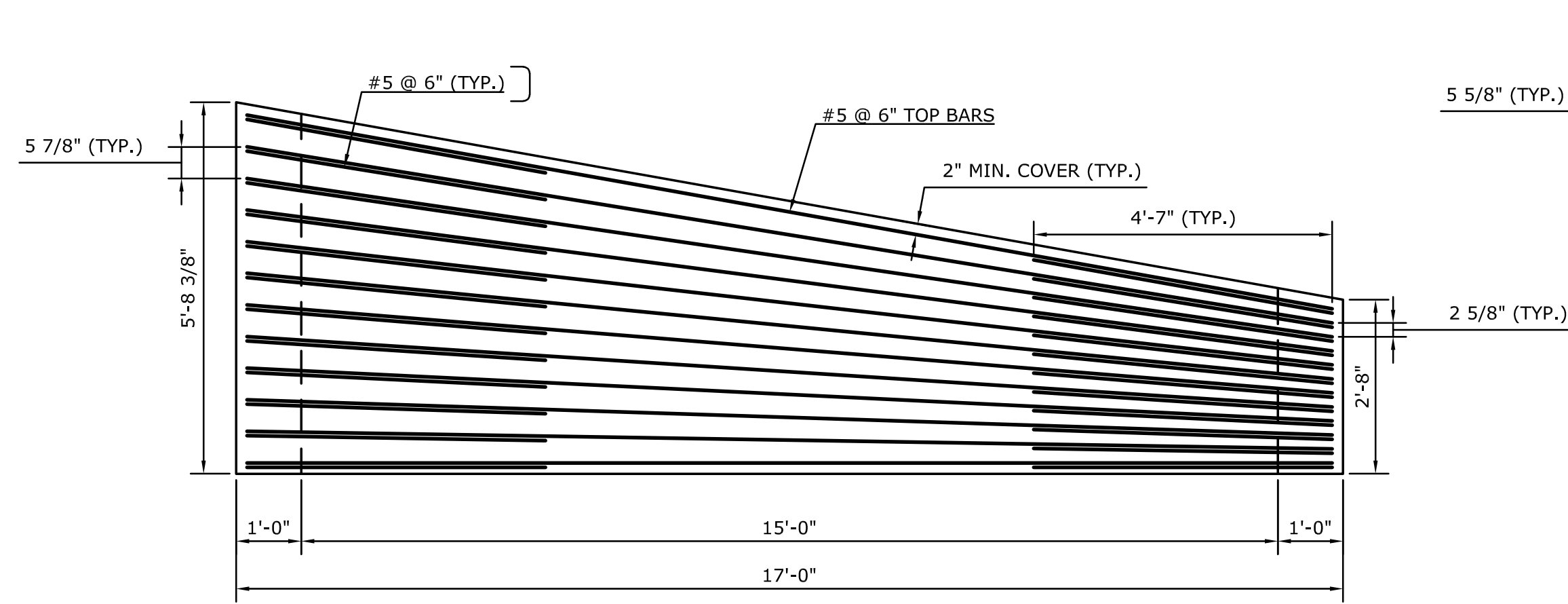


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**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**BOX CULVERT LAYOUT & DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

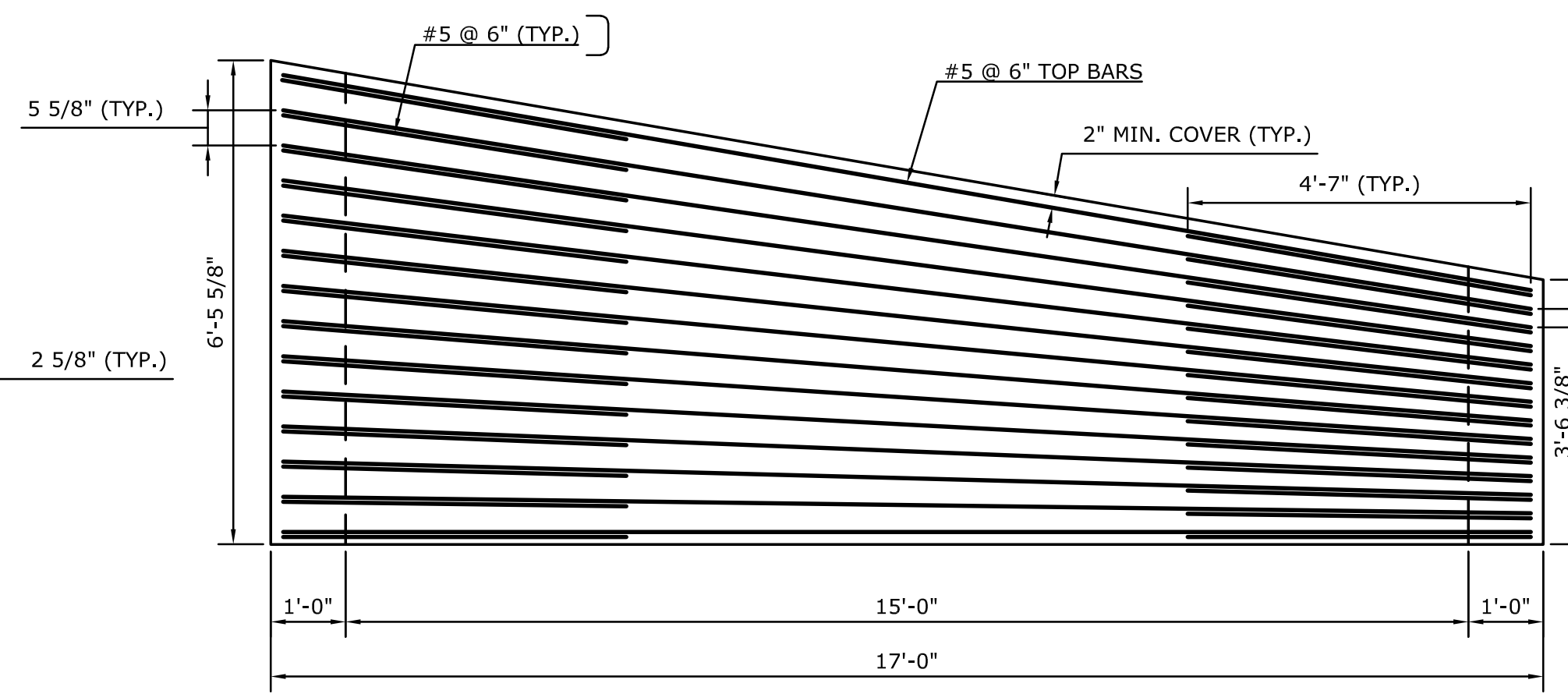
D	SALISBURY TUNNEL	24015_FD	24015.10	ST-4.1
SIZE	PROJECT	FILE NAME	NUMBER	REV.



**(BC2) TOP SLAB - TOP (OUTSIDE)  
REINFORCEMENT DETAIL**

SCALE: 1/2" = 1'-0"

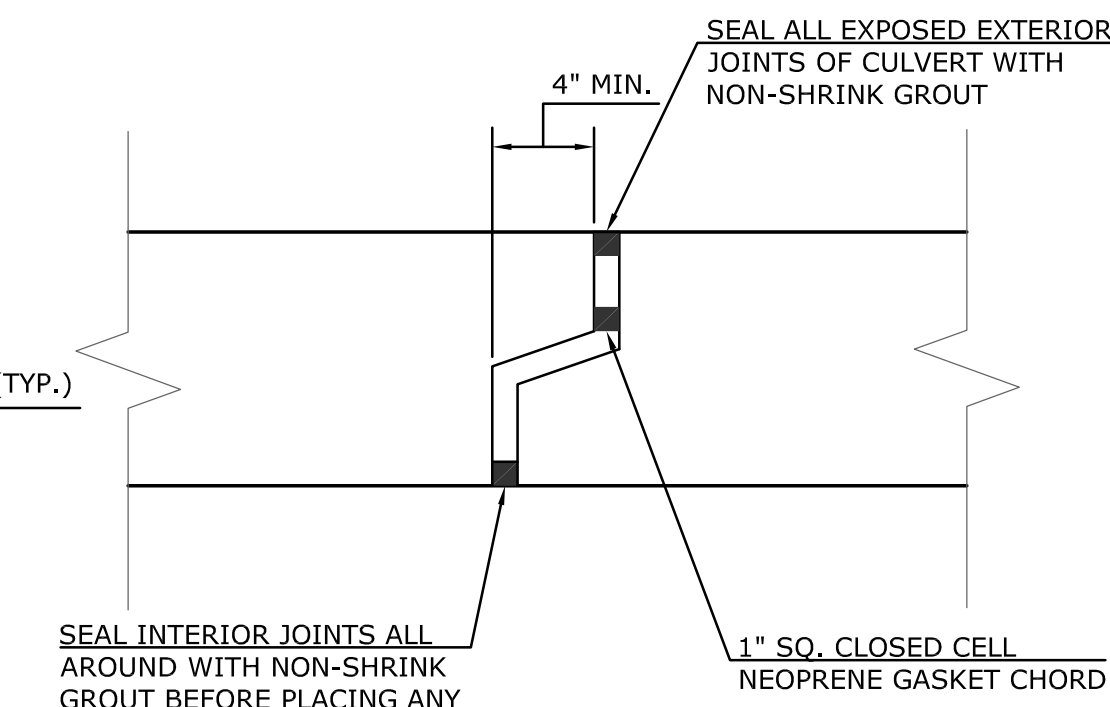
\*NOTE: TRANSVERSE REBAR NOT SHOWN FOR CLARITY.



**(BC3) TOP SLAB - TOP (OUTSIDE)  
REINFORCEMENT DETAIL**

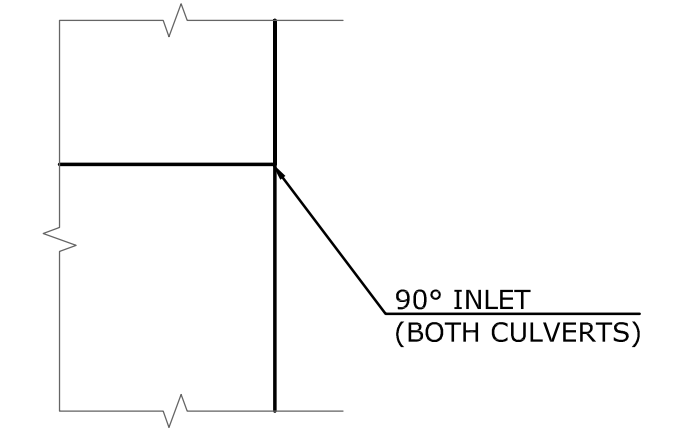
SCALE: 1/2" = 1'-0"

\*NOTE: TRANSVERSE REBAR NOT SHOWN FOR CLARITY.



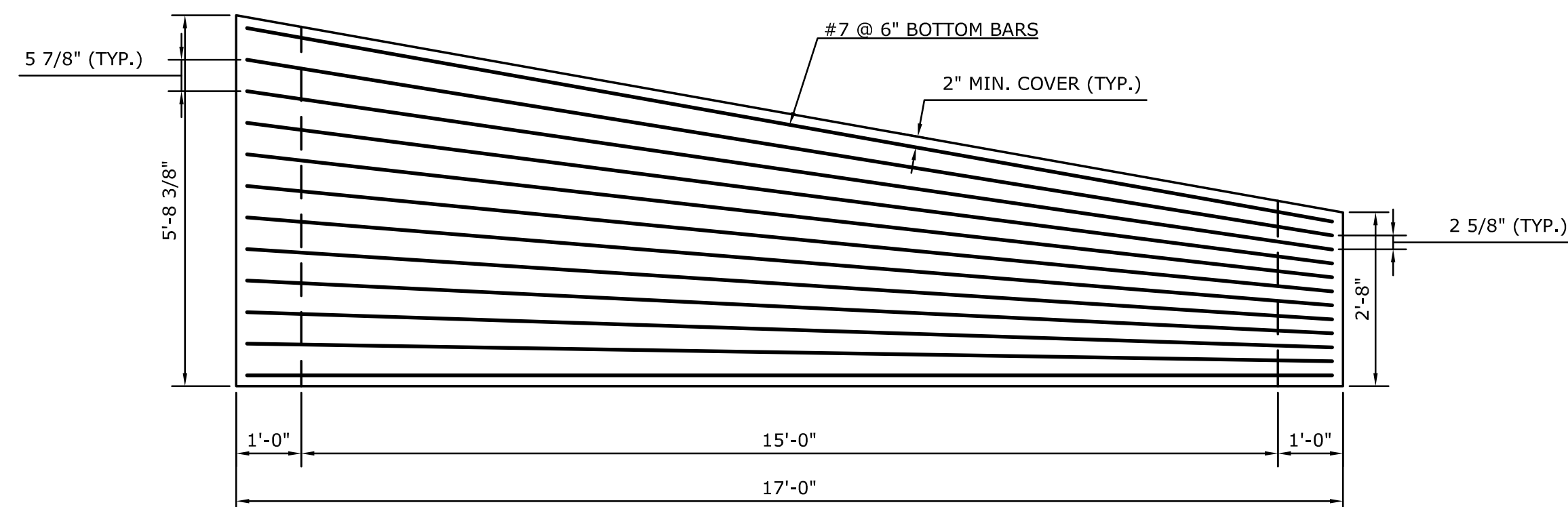
**TRANSVERSE JOINT DETAIL  
PRECAST CULVERT SECTIONS  
(TYPICAL)**

N.T.S.



**INLET DETAIL  
PRECAST CULVERT SECTIONS  
(TYPICAL)**

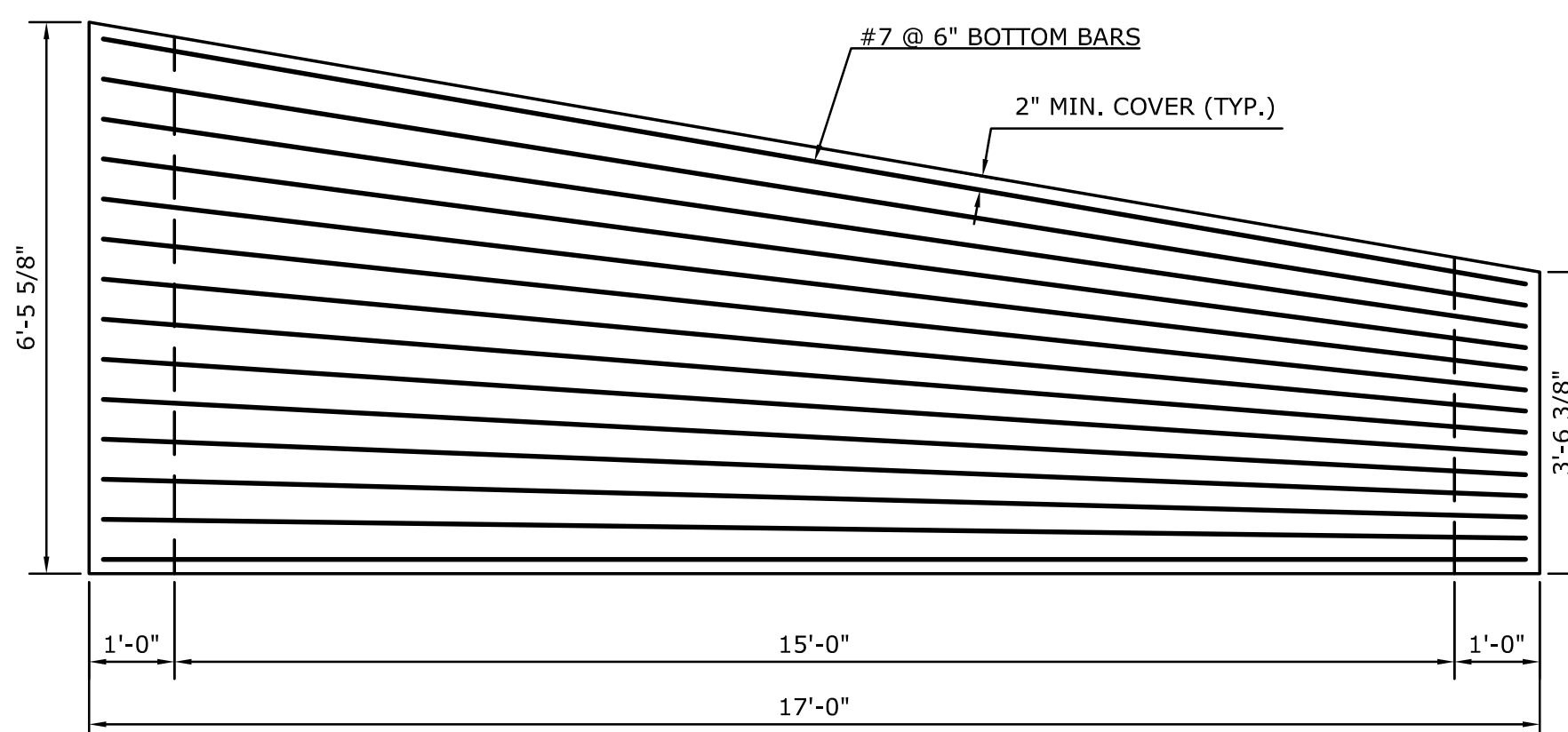
N.T.S.



**(BC2) TOP SLAB - BOTTOM (INSIDE)  
REINFORCEMENT DETAIL**

SCALE: 1/2" = 1'-0"

\*NOTE: TRANSVERSE REBAR NOT SHOWN FOR CLARITY.



**(BC3) TOP SLAB - BOTTOM (INSIDE)  
REINFORCEMENT DETAIL**

SCALE: 1/2" = 1'-0"

\*NOTE: TRANSVERSE REBAR NOT SHOWN FOR CLARITY.

NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION  
DOCUMENTS**

SCALE  
AS NOTED



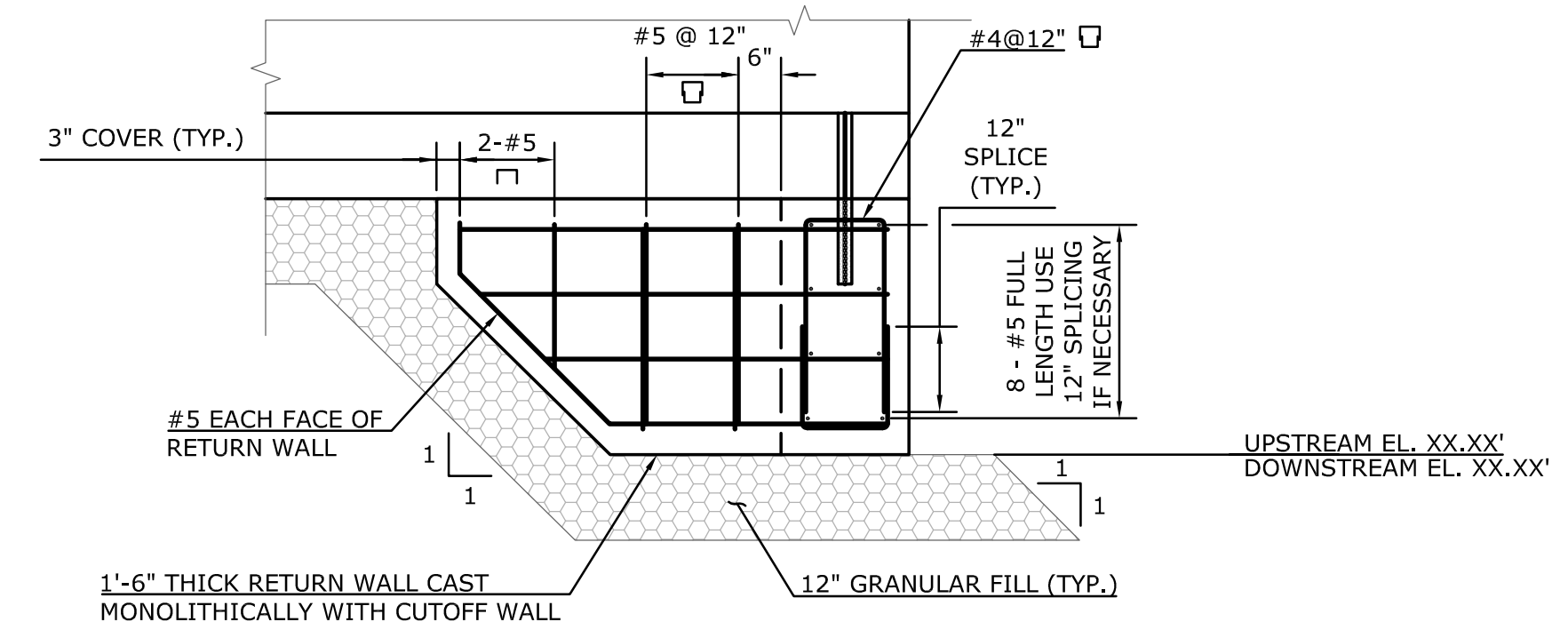
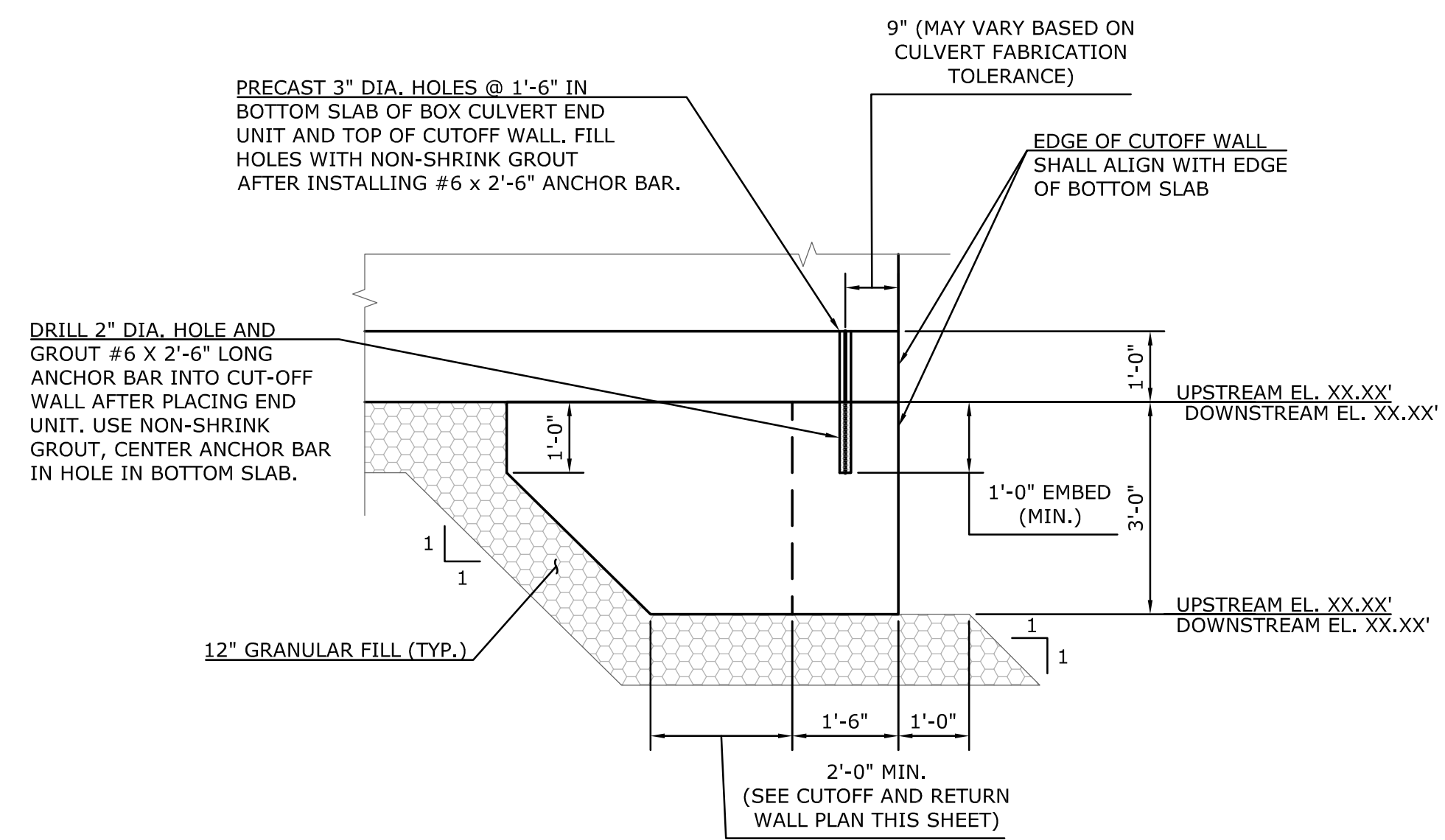
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NEWINGTON, CT 06111  
(860) 667-9624

**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**BOX CULVERT LAYOUT & DETAILS  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY**

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-
SIZE	PROJECT	FILE NAME	NUMBER	REV.

SHEET  
ST-4.2



**CULVERT CAST IN PLACE CUTOFF AND RETURN WALL DETAILS**  
SCALE 1/2" = 1'-0"



**CUTOFF AND RETURN WALL PLAN**  
SCALE: 3/4" = 1'-0"

NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE AS NOTED

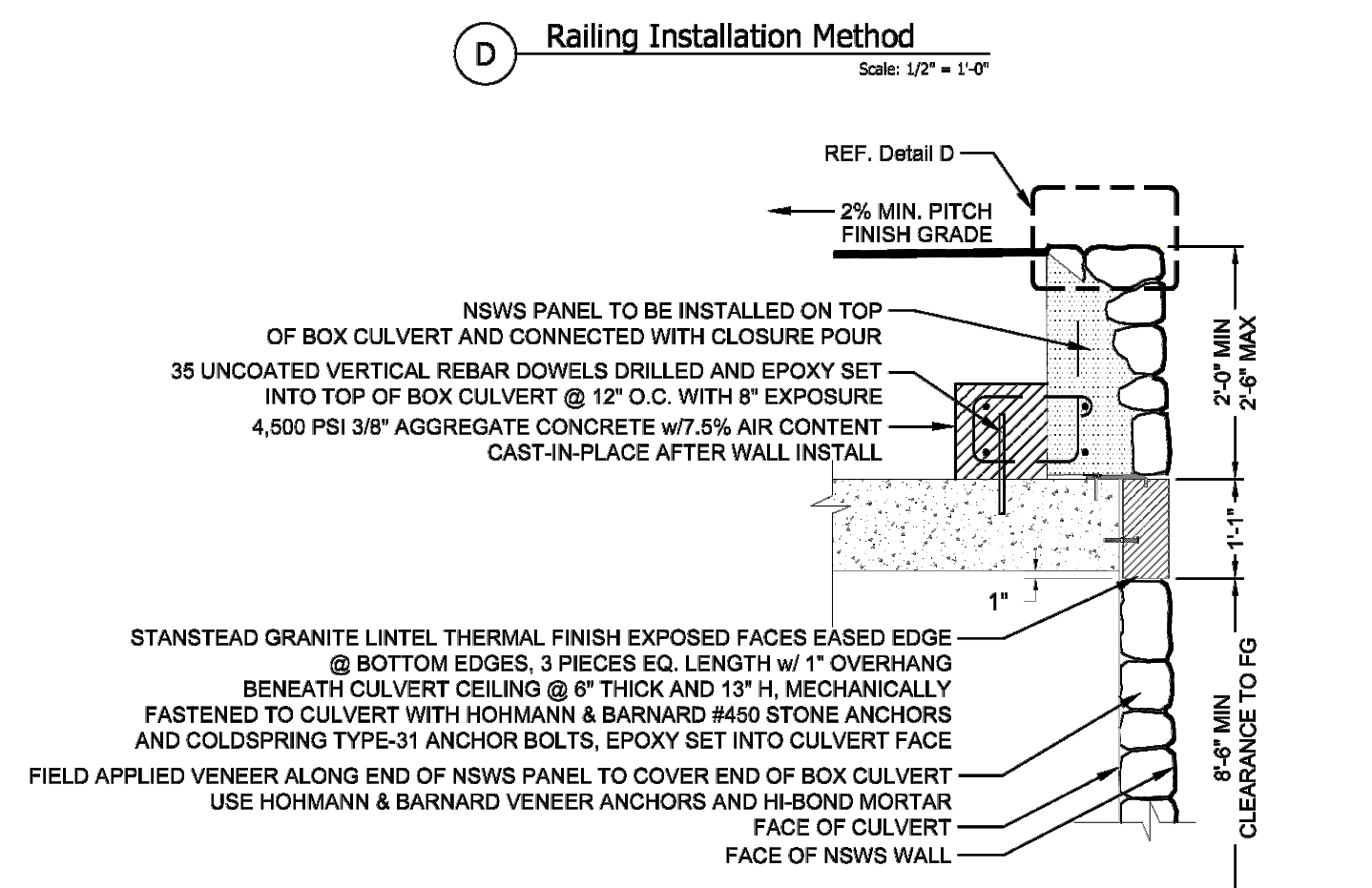
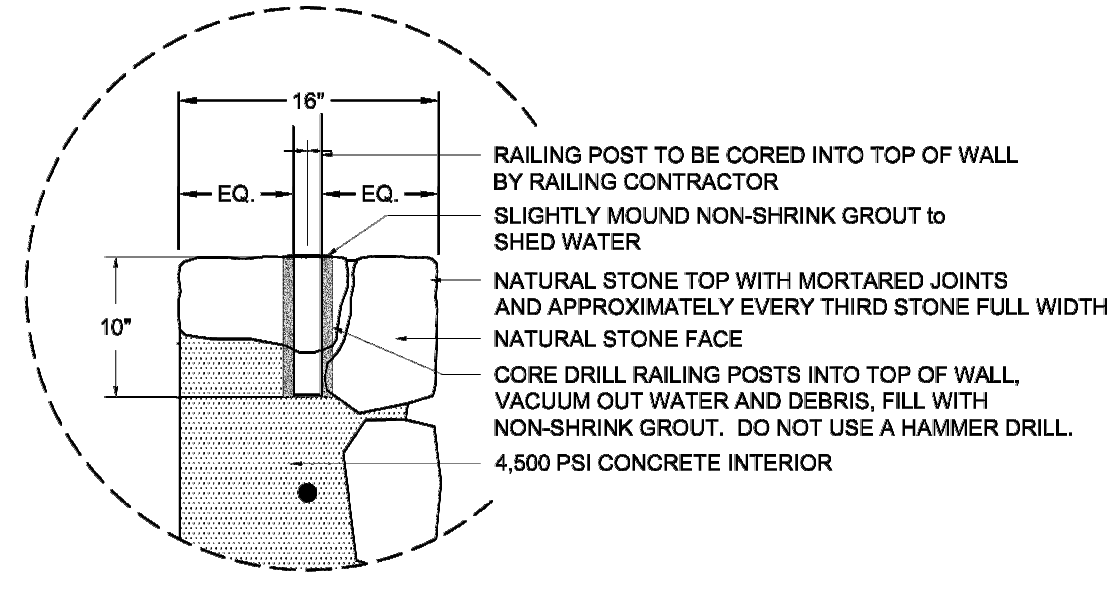
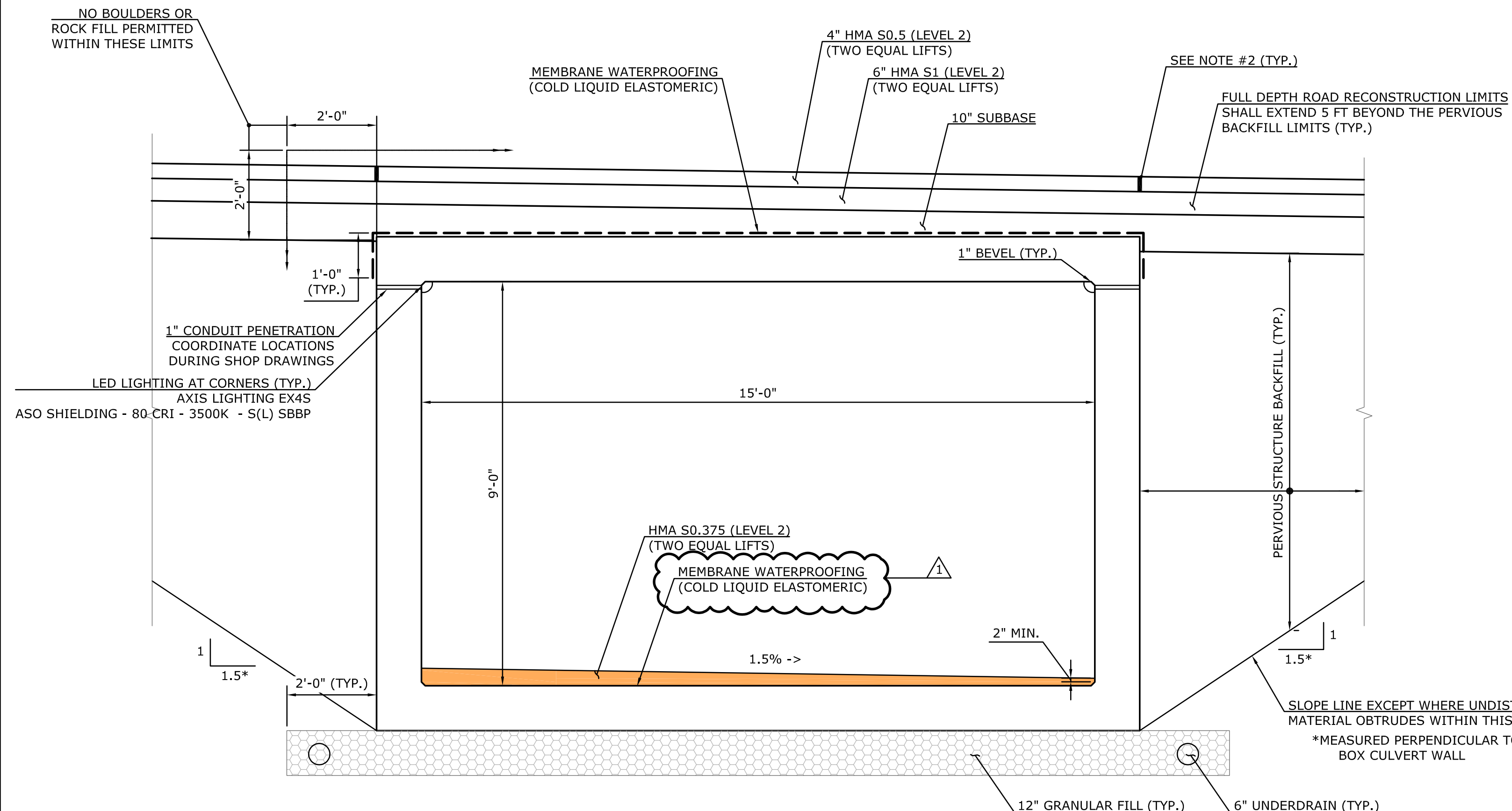
**WMC**  
CONSULTING ENGINEERS

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(860) 667-9624

**PREPARED FOR**  
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251 CANAAN ROAD  
SALISBURY, CT 06068

**CUTOFF RETURN WALL DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-	SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	ST-5.1

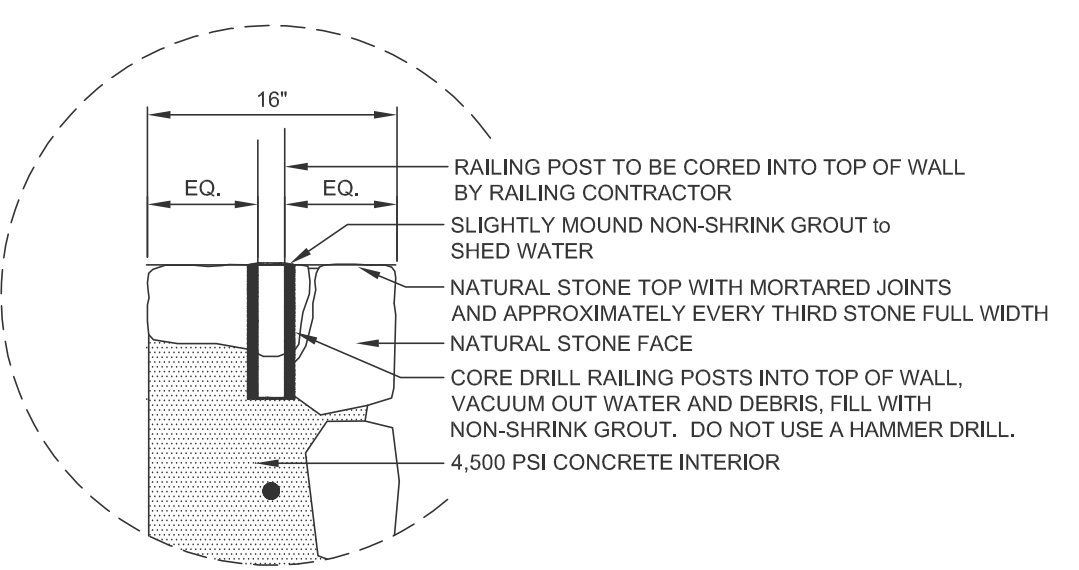


**New England Stacked Fieldstone**  
Representative Image

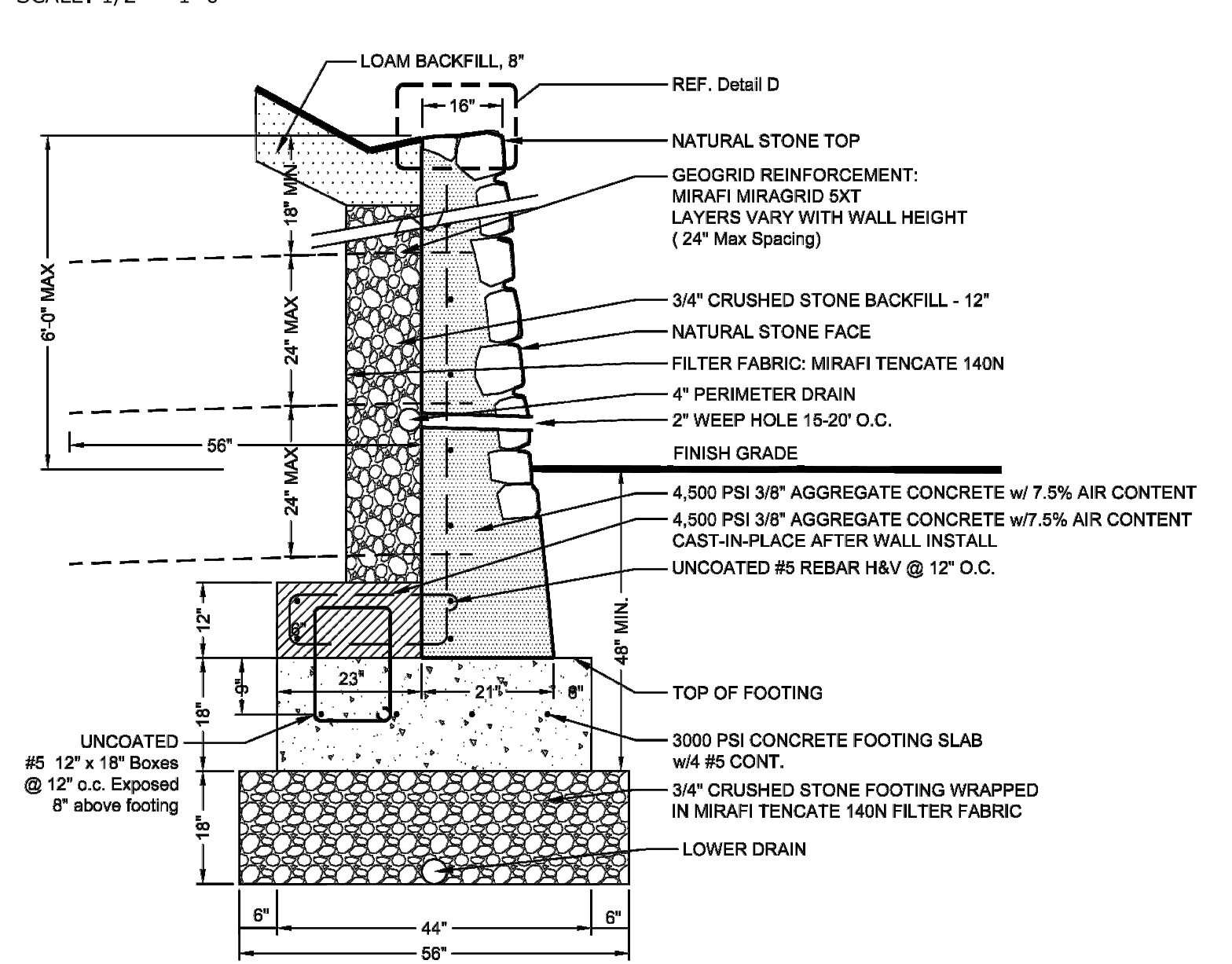
**NOTES:**  
1. RETAINING WALLS OMITTED FOR CLARITY.  
2. CUT OVERLAY WITH 3/8\"/>

**PRECAST CONCRETE BOX CULVERT (NORMAL TO BOX)**

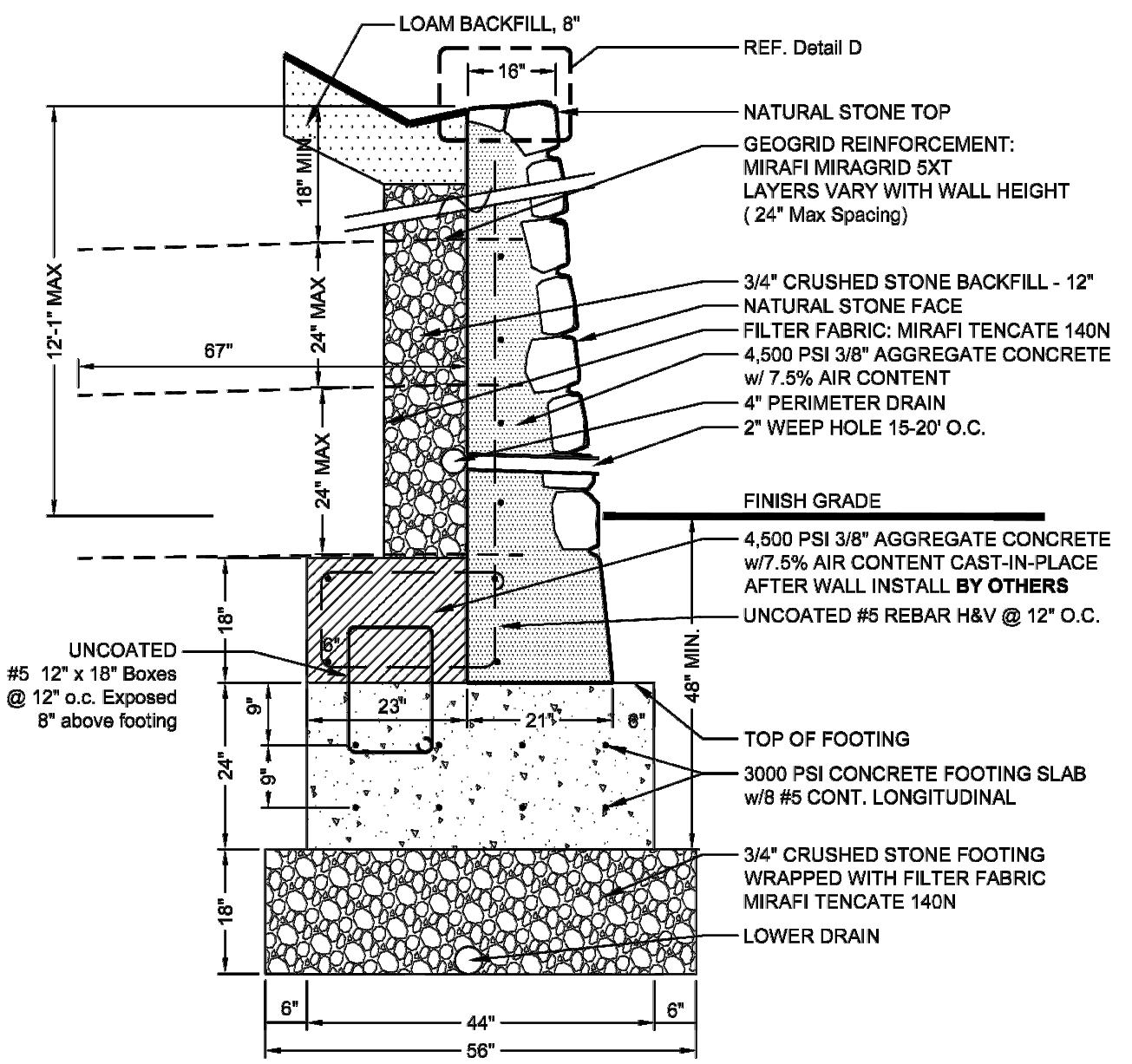
SCALE: 1/2\"/>



**NATURAL STONE TOP ENLARGEMENT**  
N.T.S.



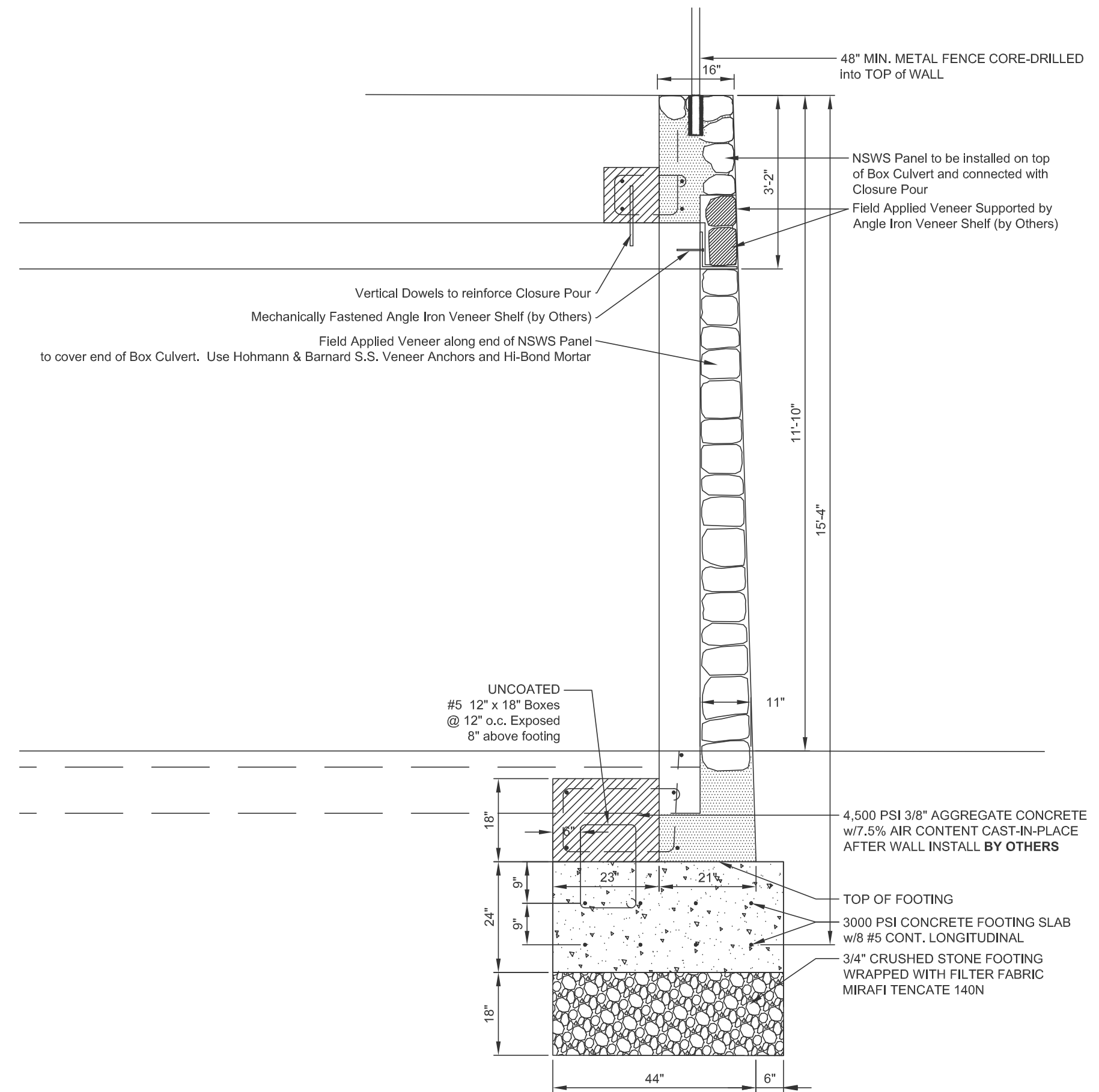
**A 6 Foot Max Retaining Wall**  
Scale: 1/2\"/>



**B 12 Foot Max Retaining Wall**  
Scale: 1/2\"/>

**TYPICAL NSWS WALL SECTIONS (VARYING HEIGHTS)**

SCALE: 1/2\"/>



**NSWS SECTION THROUGH TUNNEL**

SCALE: 1/2\"/>

NO.	DATE	DESCRIPTION
1	01/29/26	ADDENDUM 1 - NOTE REVISION

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE AS NOTED

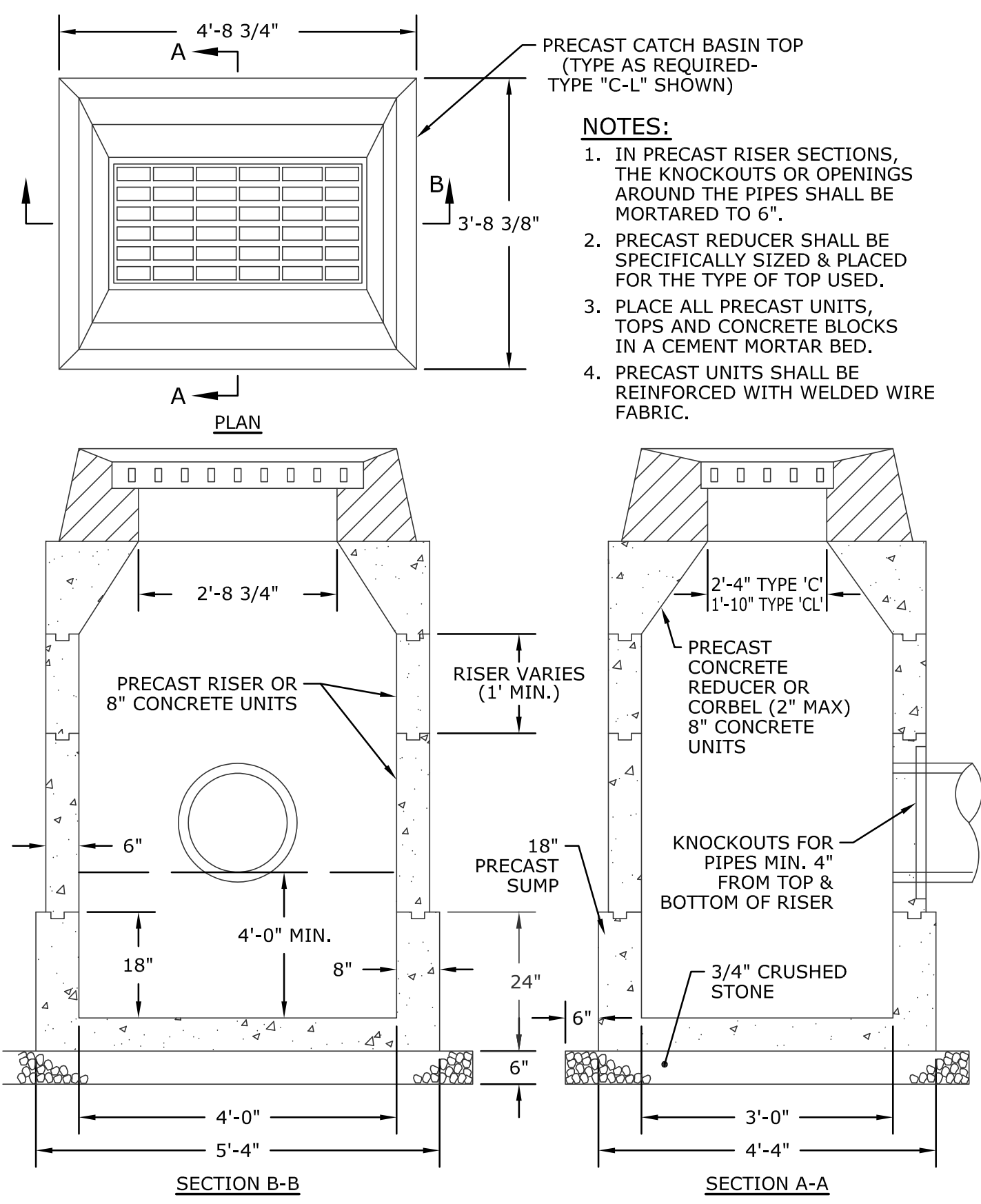


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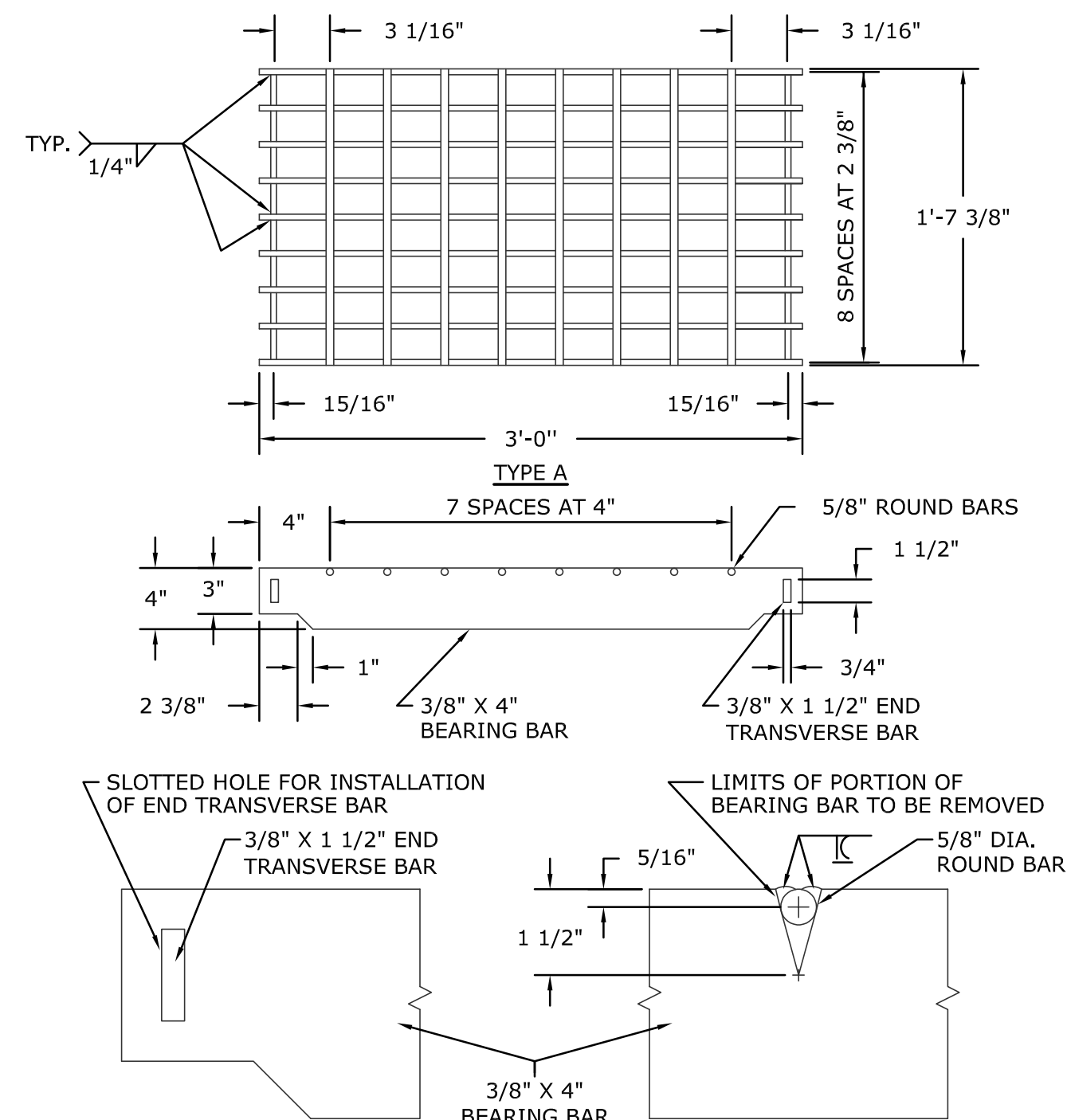
**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**STRUCTURE DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

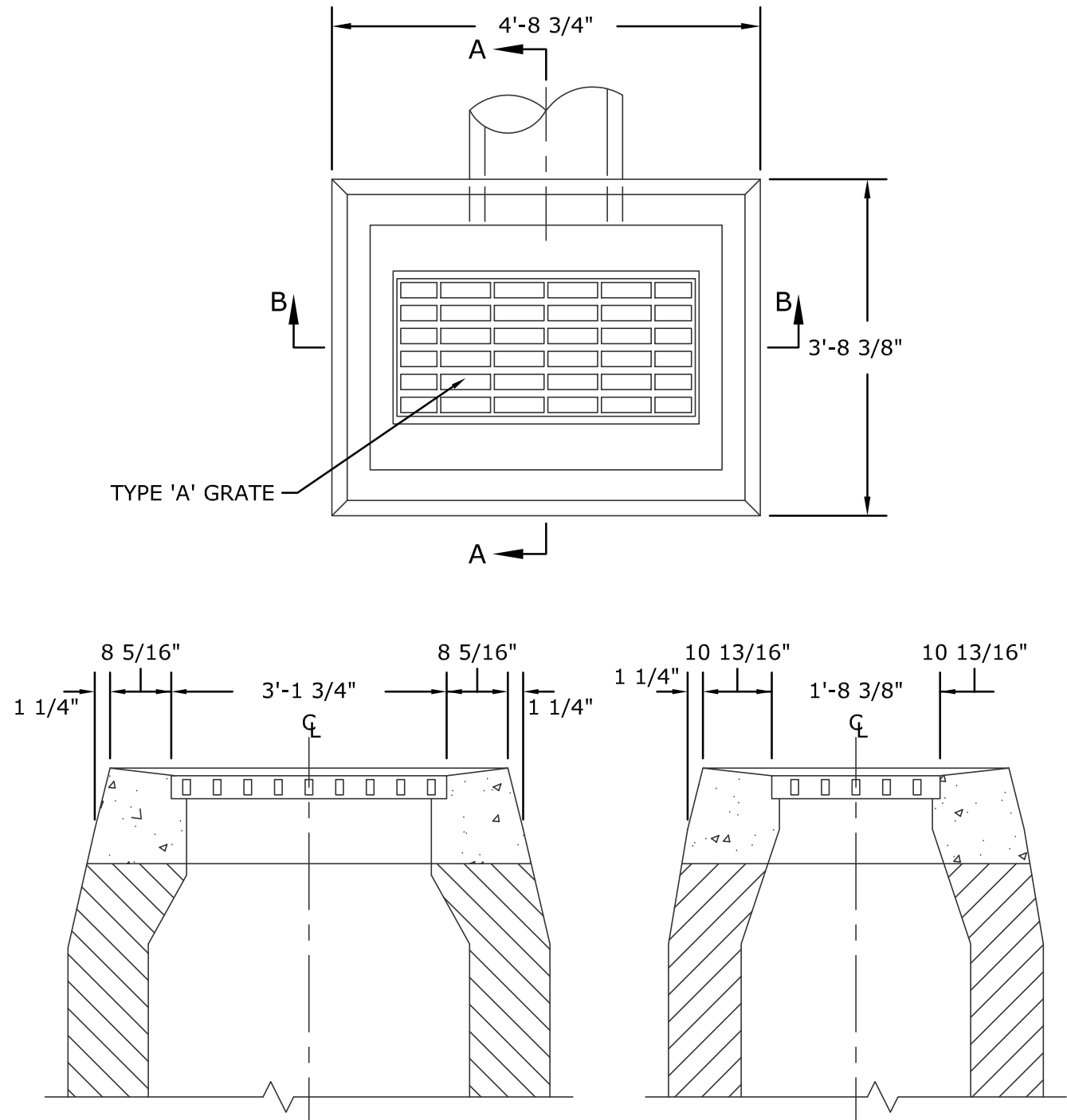
D - SALISBURY TUNNEL -	24015_FD -	24015.10 -			SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	ST-6.1



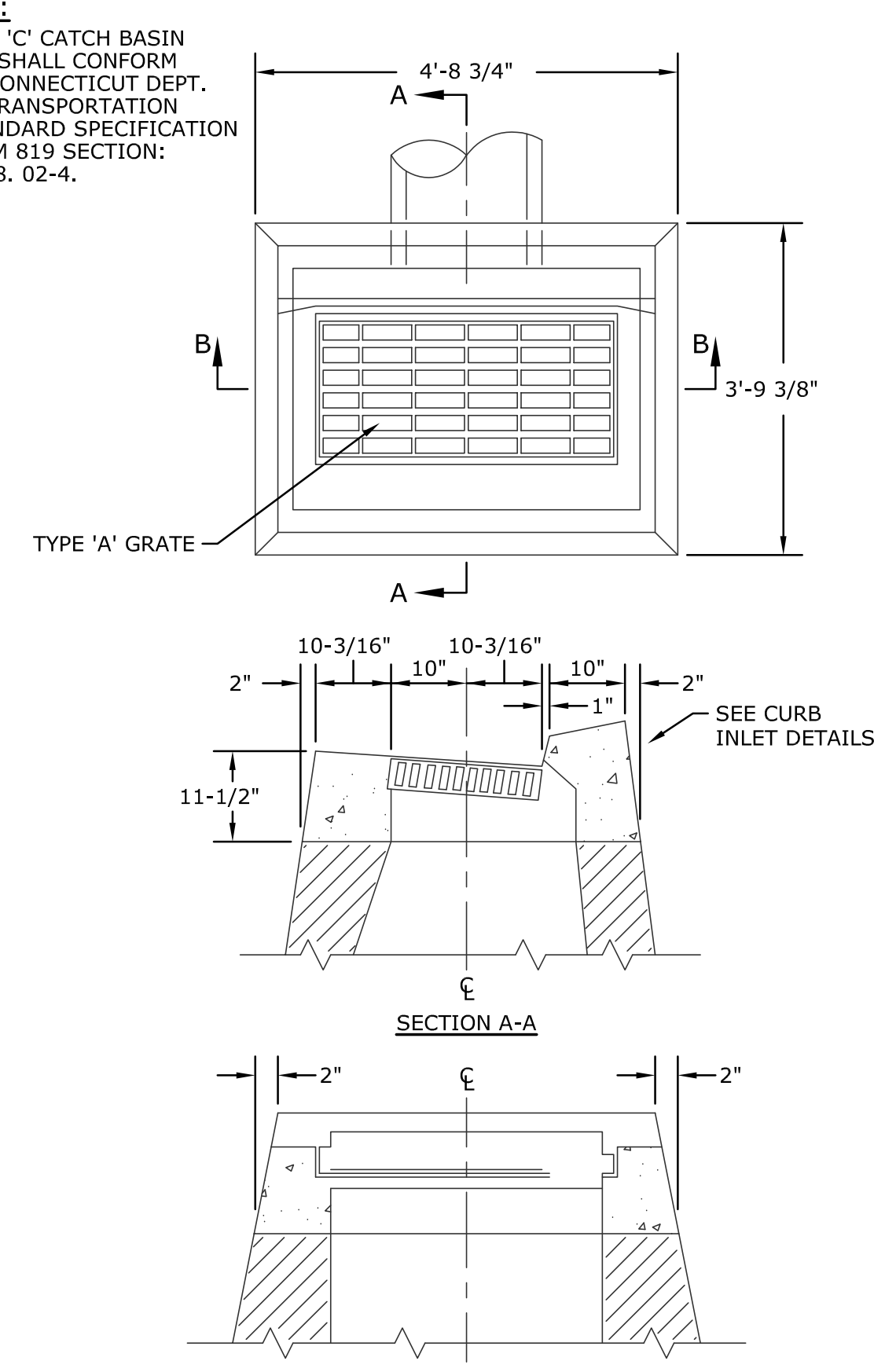
- NOTES:**
1. IN PRECAST RISER SECTIONS, THE KNOCKOUTS OR OPENINGS AROUND THE PIPES SHALL BE MORTARED TO 6".
  2. PRECAST REDUCER SHALL BE SPECIFICALLY SIZED & PLACED FOR THE TYPE OF TOP USED.
  3. PLACE ALL PRECAST UNITS, TOPS AND CONCRETE BLOCKS IN A CEMENT MORTAR BED.
  4. PRECAST UNITS SHALL BE REINFORCED WITH WELDED WIRE FABRIC.



- NOTES:**
1. CATCH BASIN GRATE SHALL CONFORM TO CONNECTICUT D.O.T. STANDARD DRAWINGS.
  2. STEEL FRAMES AND GRATES SHALL BE GALVANIZED IN ACCORDANCE WITH M.06.03 OF D.O.T. FORM 819.
  3. ALL BARS SHALL BE WELDED AT ALL INTERSECTIONS.
  4. ALL METAL UNITS SUBJECT TO MANUFACTURING TOLERANCES.
  5. ONLY LOW HYDROGEN ELECTRODES SHALL BE USED.
  6. DIMENSIONAL TOLERANCES MAY BE  $\pm 1/16"$ .
  7. WELDING WILL BE PERFORMED IN ACCORDANCE WITH THE STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION.



- NOTE:**
1. TYPE 'C-L' CATCH BASIN TOPS SHALL CONFORM TO CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATION FORM 819 SECTION: M.08.02-4.



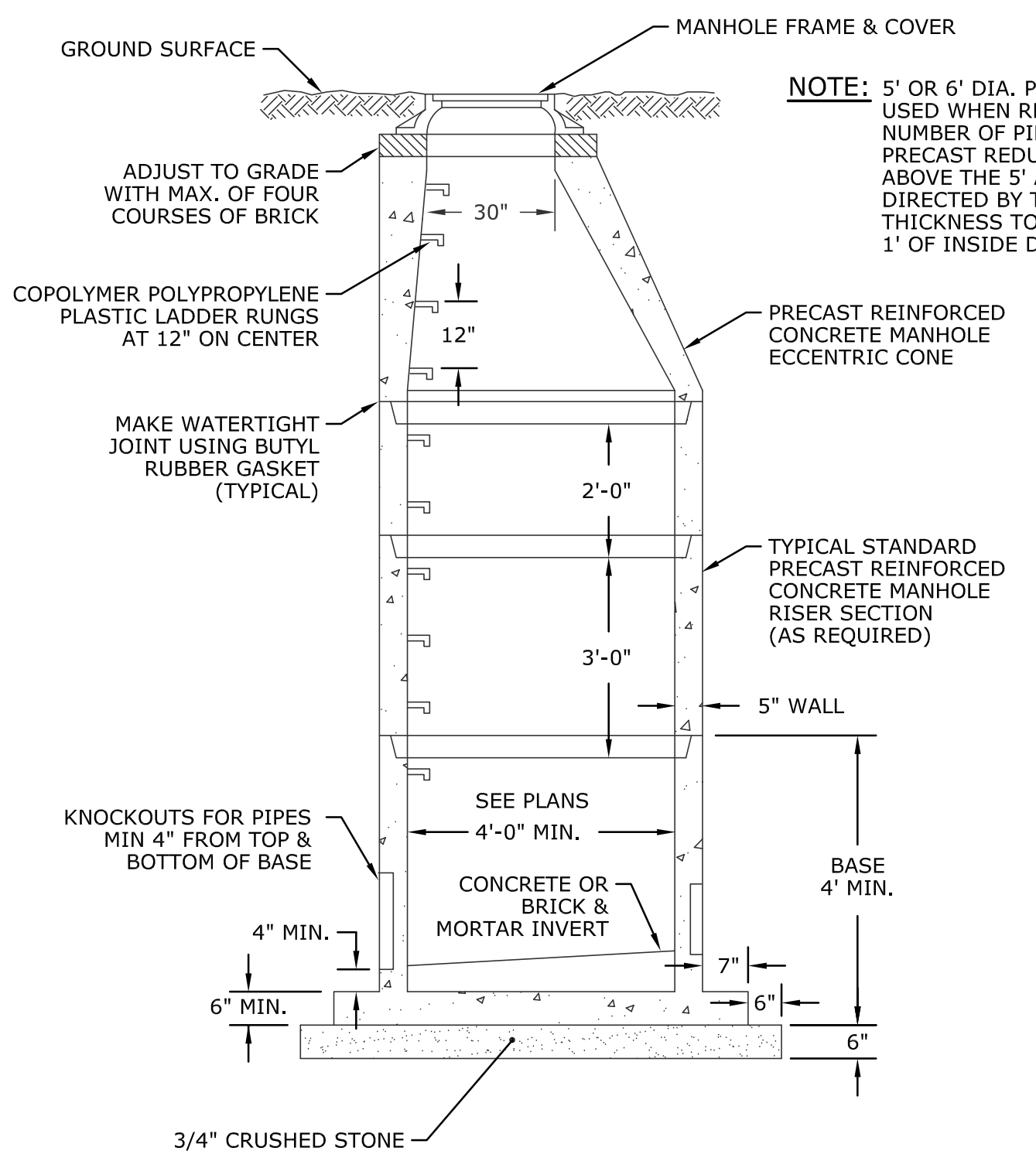
- NOTE:**
1. TYPE 'C' CATCH BASIN TOP SHALL CONFORM TO CONNECTICUT DEPT. OF TRANSPORTATION STANDARD SPECIFICATION FORM 819 SECTION: M.08.02-4.

**PRECAST CATCH BASIN**  
N.T.S.

**STEEL FRAME AND GRATE**  
N.T.S.

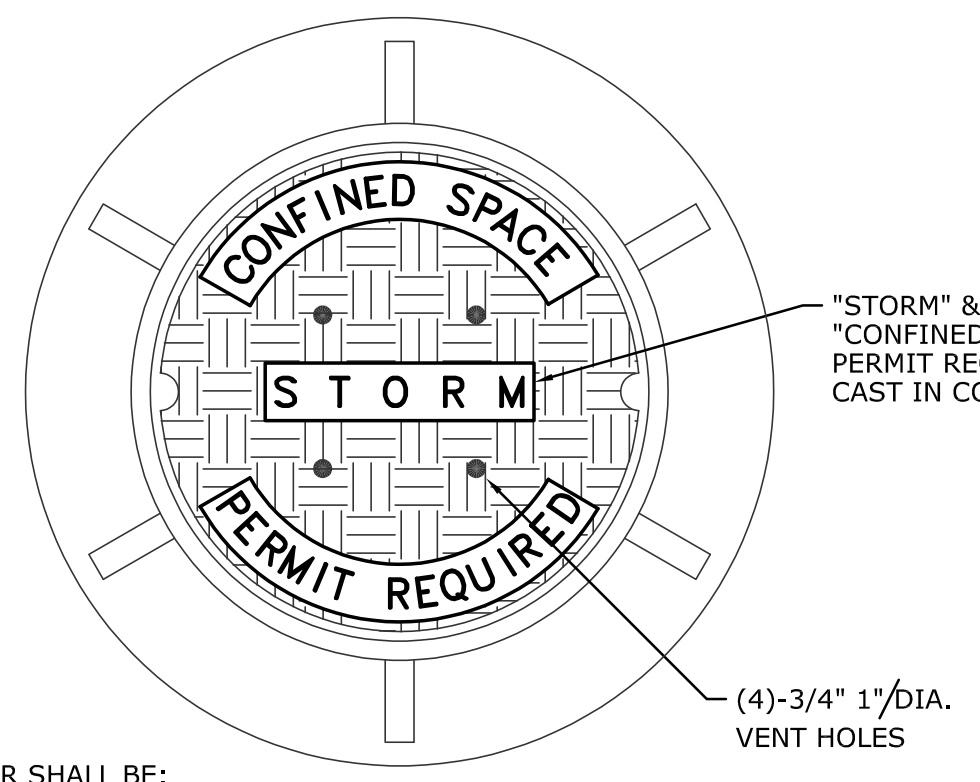
**TYPE 'C-L' CATCH BASIN TOP**  
N.T.S.

**TYPE 'C' CATCH BASIN TOP**  
N.T.S.

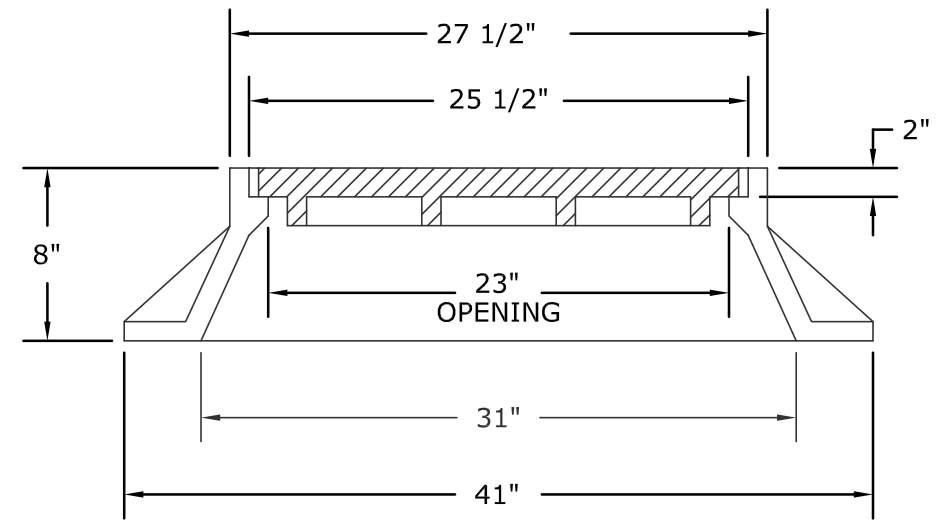


- NOTE:** 5' OR 6' DIA. PRECAST BASES MAY BE USED WHEN REQUIRED DUE TO SIZE OR NUMBER OF PIPES AT THE MANHOLE. PRECAST REDUCERS WILL BE PLACED ABOVE THE 5' AND 6' BASES AS DIRECTED BY THE ENGINEER. WALL THICKNESS TO INCREASE 1" FOR EACH 1' OF INSIDE DIAMETER INCREASE.

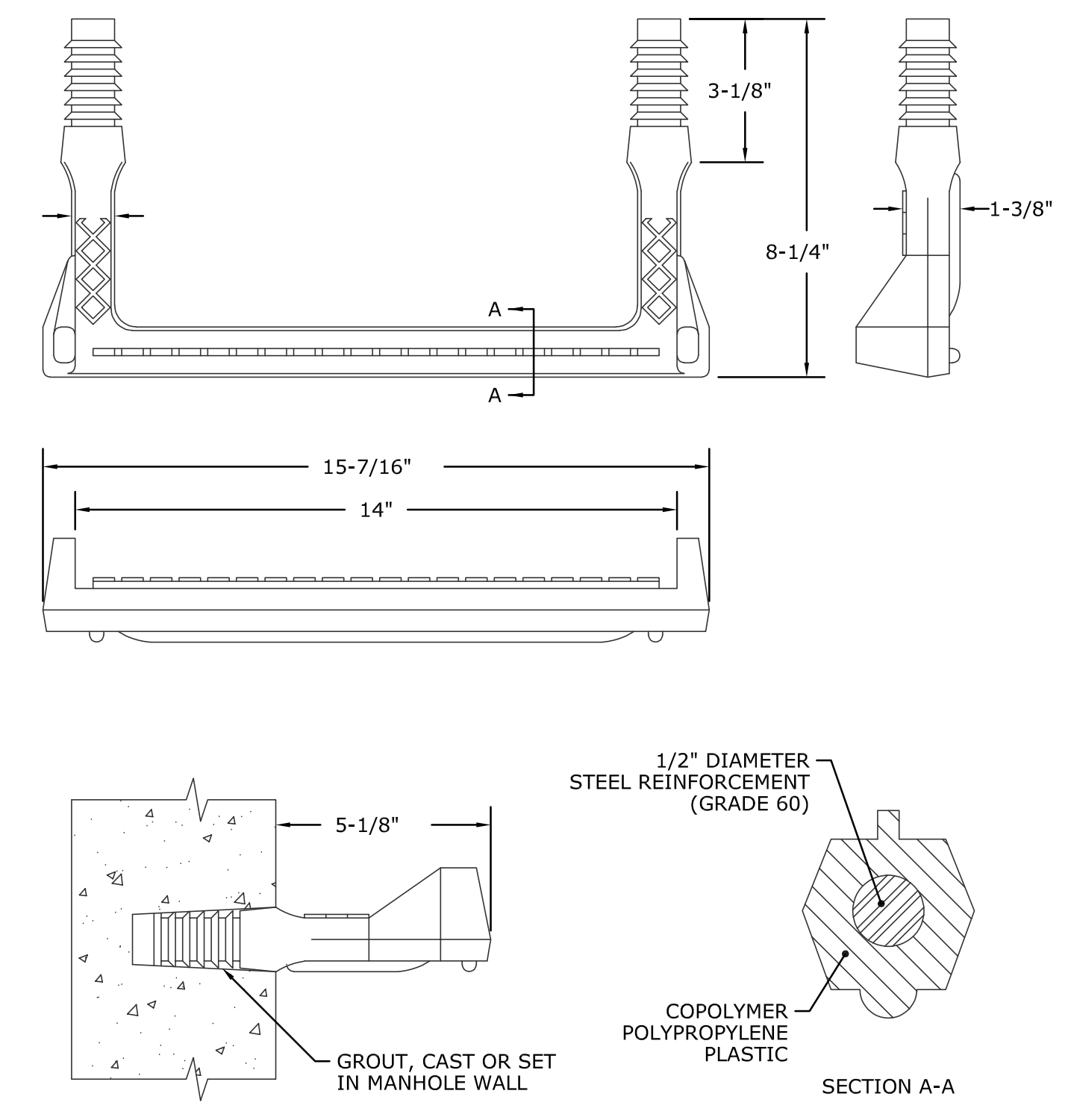
**PRECAST CONCRETE MANHOLE**  
N.T.S.



- FRAME AND COVER SHALL BE:  
LEBARON FOUNDRY CATALOG NO. LK 310  
MINIMUM WEIGHT OF FRAME AND COVER = 500 LBS.



**STANDARD MANHOLE FRAME AND COVER DETAILS**  
N.T.S.



**MANHOLE STEP**  
N.T.S.

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026
<b>REVISIONS</b>	
NO.	DATE
DESCRIPTION	

**CONSTRUCTION DOCUMENTS**

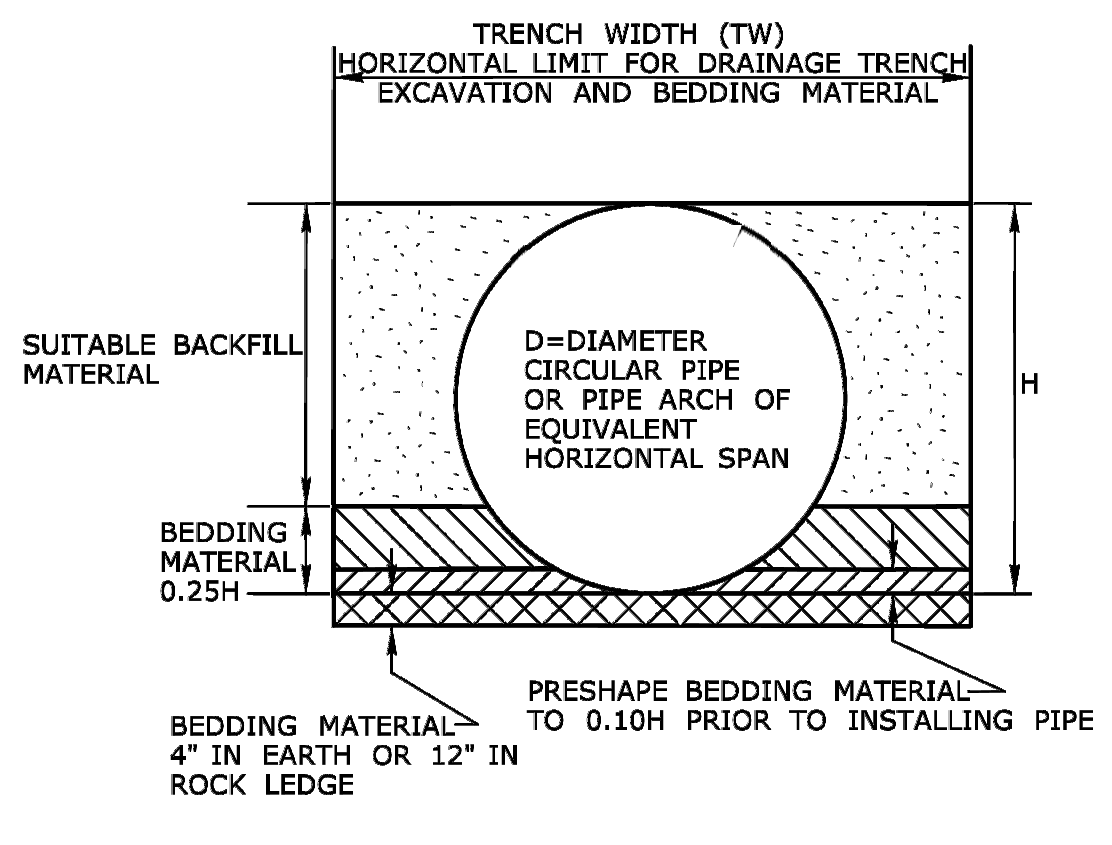
SCALE  
N.T.S.

**WMC**  
CONSULTING ENGINEERS  
WENGELL, McDONNELL & COSTELLO  
87 HOLMES ROAD  
NEWINGTON, CT 06111  
(860) 667-9624

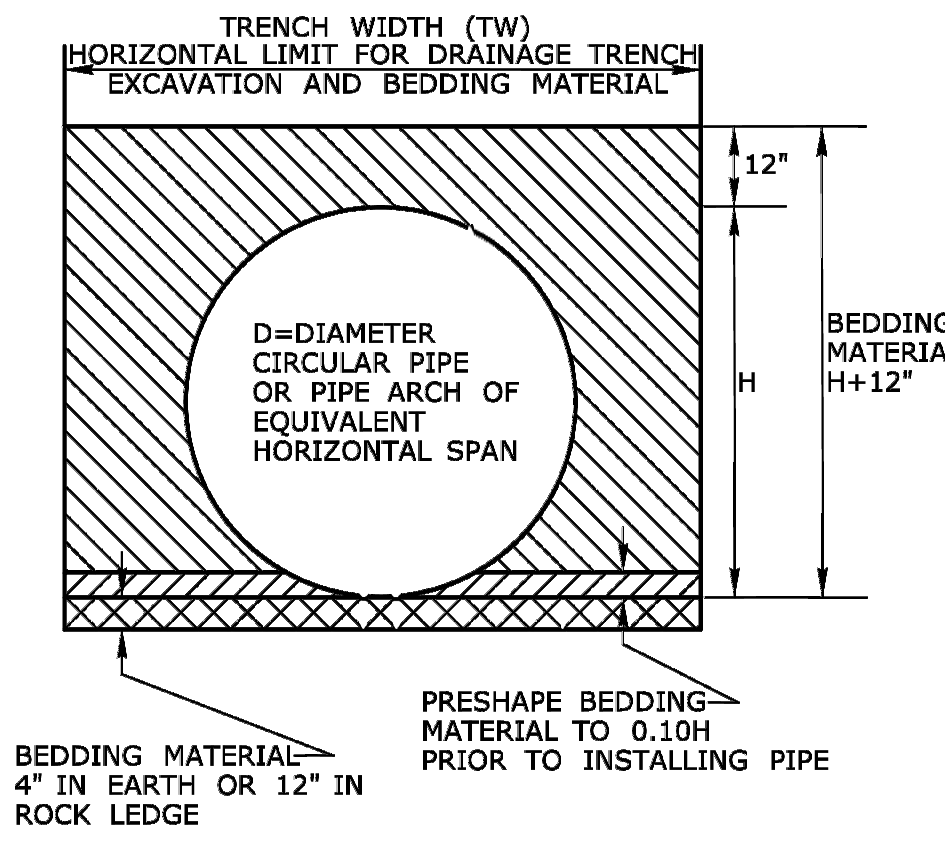
**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**DRAINAGE DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

D - SALISBURY TUNNEL	24015_FD	24015.10	REV.	SHEET SD-1.1
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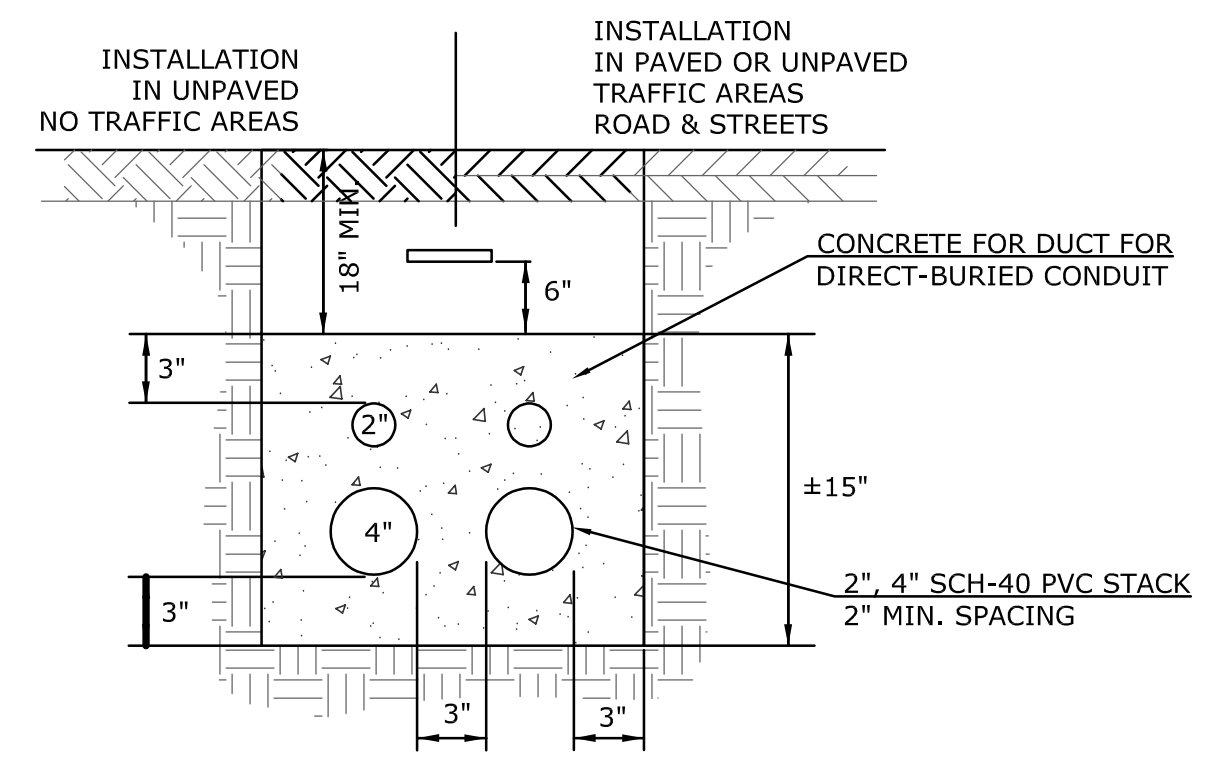
**PIPE TRENCH FOR PIPES LESS THAN 48" @ RT44**



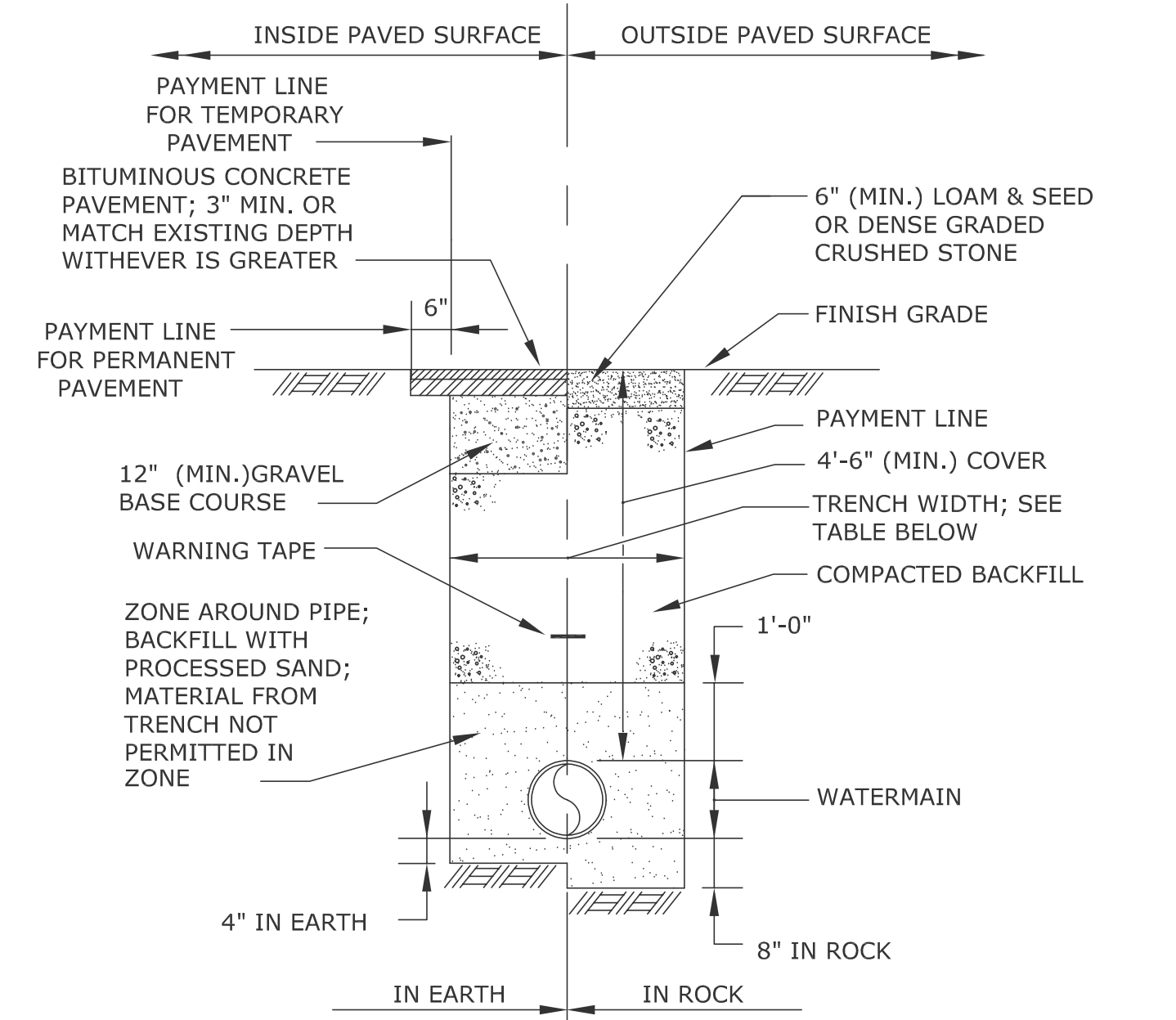
**PIPE TRENCH FOR PIPES GREATER THAN OR EQUAL TO 48"**

**TRENCH WIDTH (TW) CHART**

PIPE, PIPE-ARCH, OR DRAINAGE STRUCTURE	TRENCH WIDTH
PIPE OR PIPE-ARCH WITH NOMINAL INSIDE HORIZONTAL SPAN LESS THAN 30"	2' GREATER THAN NOMINAL INSIDE HORIZONTAL SPAN
PIPE OR PIPE-ARCH WITH NOMINAL INSIDE HORIZONTAL SPAN GREATER THAN OR EQUAL TO 30"	3' GREATER THAN NOMINAL INSIDE HORIZONTAL SPAN
PIPE OR PIPE-ARCH FABRICATED FROM STRUCTURAL PLATES	4' GREATER THAN NOMINAL INSIDE HORIZONTAL SPAN
DRAINAGE STRUCTURES	2' BEYOND ALL EXTERIOR OR FOUNDATION WALLS



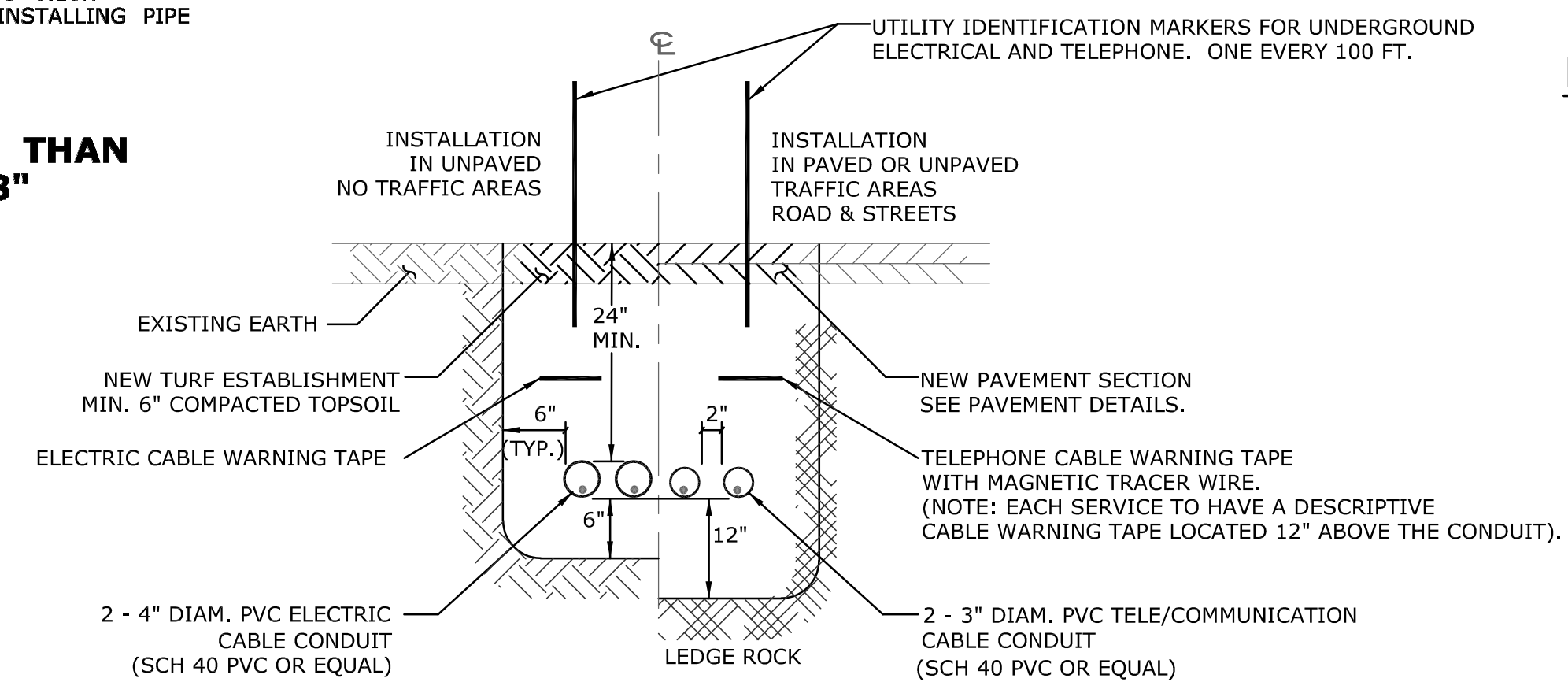
**CONCRETE DUCT BANK**  
N.T.S.



**TRENCH WIDTH TABLE**

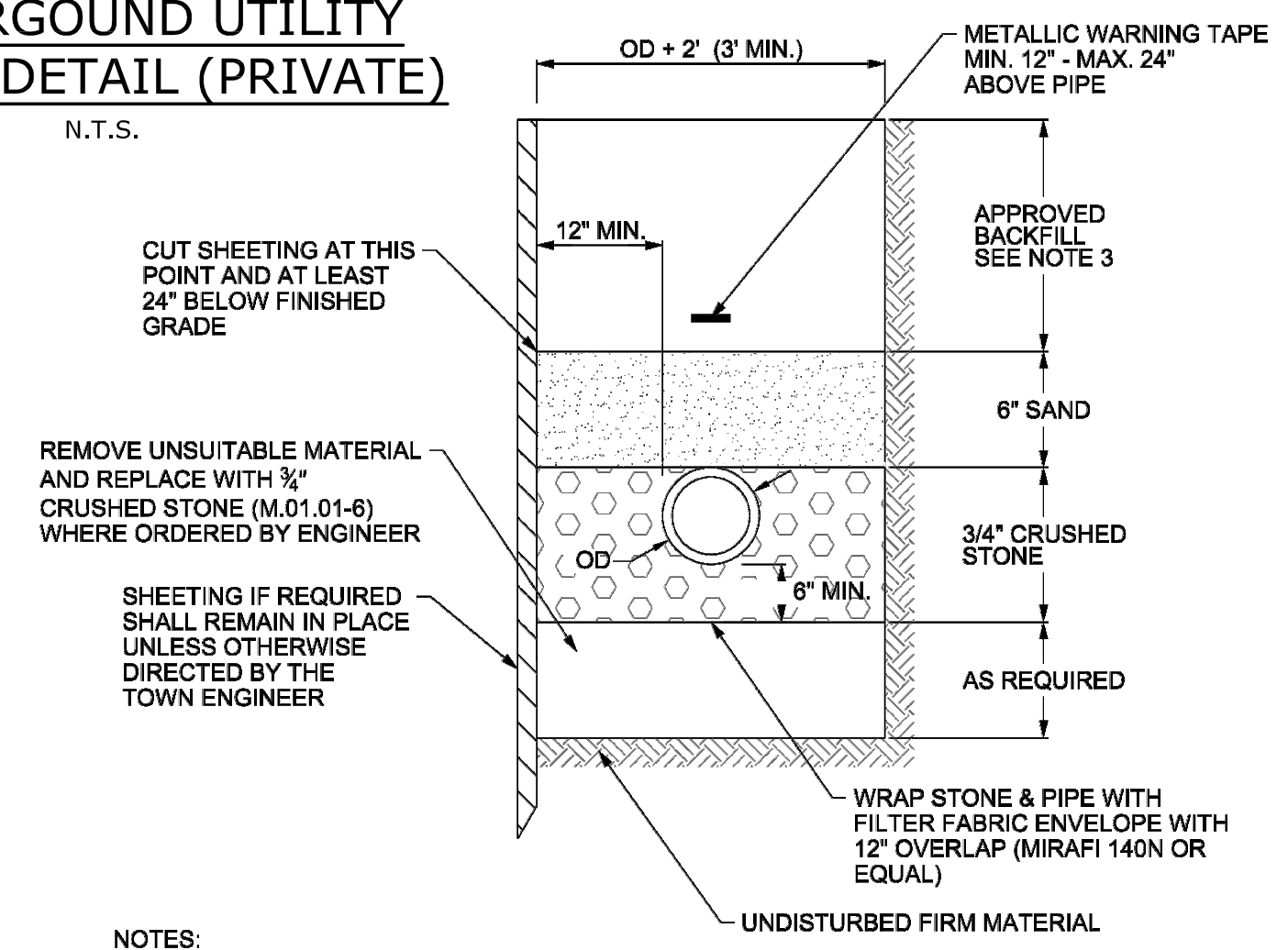
PIPE DIA.	12" & UNDER	16"
TRENCH WIDTH	3'-0"	3'-4"

**WATER MAIN TRENCH**  
N.T.S.



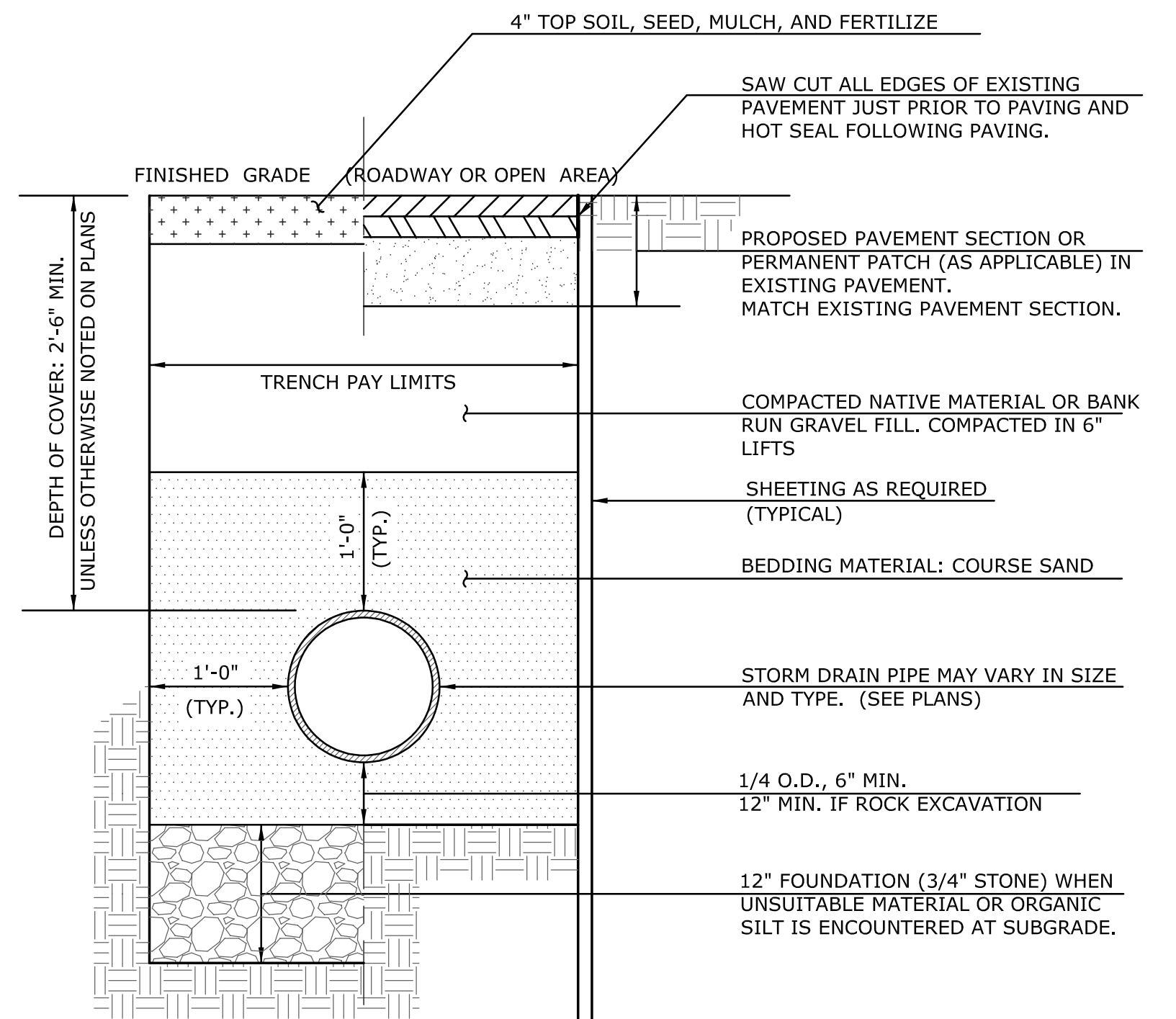
- NOTE:**
- DIMENSIONS SHOWN ARE MINIMUM REQUIRED.
  - INSTALL SPARE 4" CONDUIT IN TRENCH WITH PULL CABLE FOR FUTURE USE.
  - EACH CONDUIT TO BE INSTALLED WITH A PULL CABLE FOR THE RESPECTIVE UTILITY COMPANIES USE IN INSTALLING THEIR CABLE(S).
  - BACKFILL MATERIAL SHALL BE SCREENED SAND A MINIMUM OF 6" BELOW AND 12" ABOVE THE CONDUIT. THE SAND SHALL MEET THE REQUIREMENTS OF PASSING A 3/8" MESH SCREEN AND SHALL CONTAIN NO ANGULAR STONE.
  - THE TRENCH BACKFILL SHALL NOT CONTAIN ASHES, CINDERS, SHELL, FROZEN MATERIAL, LOOSE DEBRIS OR STONES LARGER THAN 2" IN MAXIMUM DIMENSION.
  - ORIENTATION OF CONDUITS IN TRENCH TO BE DETERMINED BY UTILITY COMPANIES.
  - USE SCHEDULE 40 PVC UL CONDUIT FOR U/G ELEC. AND TELE.

**UNDERGROUND UTILITY TRENCH DETAIL (PRIVATE)**  
N.T.S.

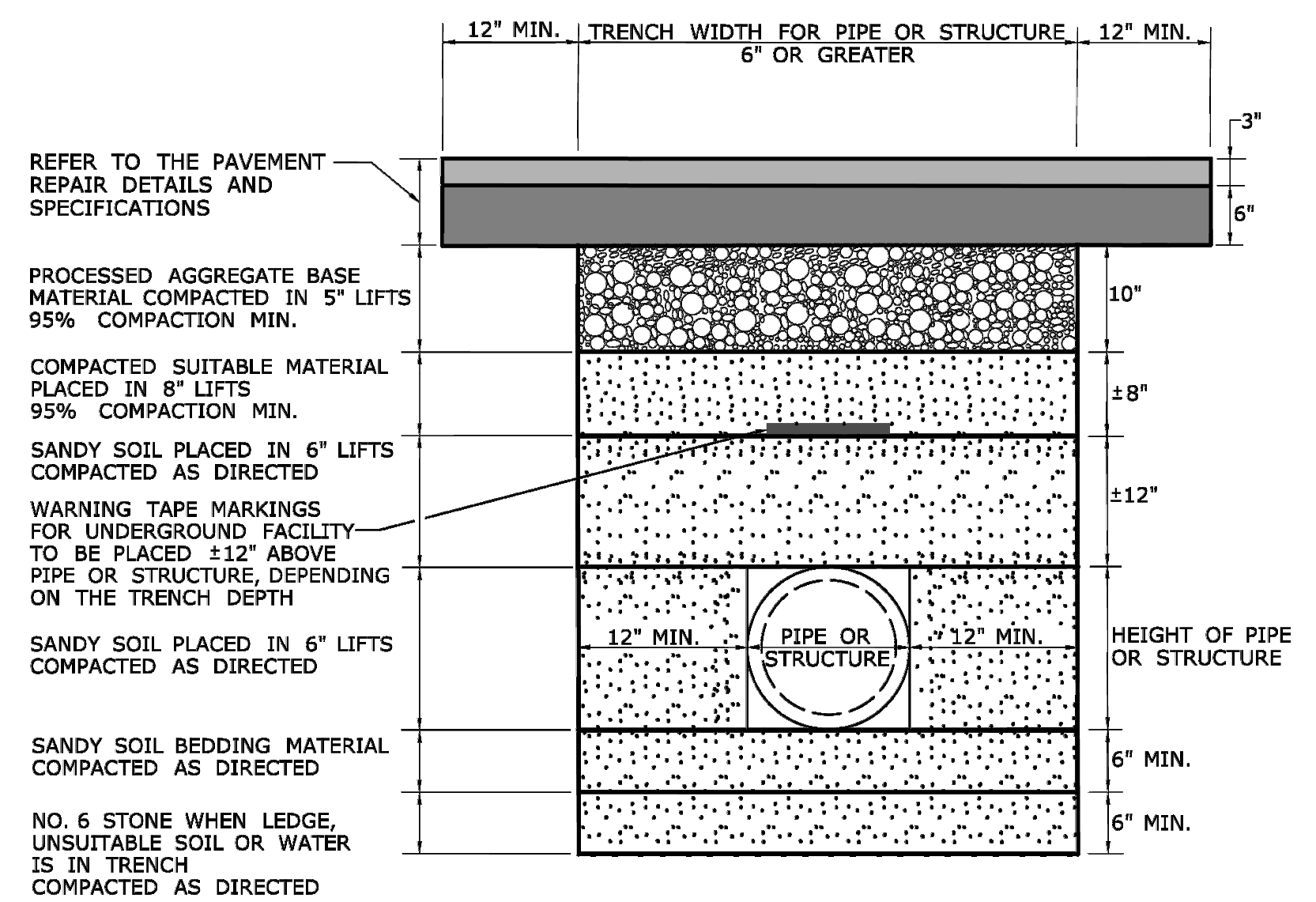


- NOTES:**
- PROVIDE SINGLE LAYER OF FILTER FABRIC BETWEEN STONE AND SAND BLANKET WHEN INSTALLING PIPE UNDER UNPAVED AREAS.
  - ALL MATERIALS ARE TO MEET CONN. DOT SPECIFICATIONS FORM 819 AS AMENDED.
  - BACKFILL SHALL BE SUITABLE NATIVE MATERIAL UNLESS DETERMINED TO BE UNSUITABLE BY THE TOWN ENGINEER OR GRANULAR FILL M.02.01 PLACED AND COMPACTED IN 12" LOOSE LIFTS.
  - UNDER PAVED AREAS COMPACT BACKFILL TO 95% OF THE MATERIAL'S MAXIMUM DRY DENSITY AS DETERMINED BY A STANDARD PROCTOR TEST. UNDER UNPAVED AREAS COMPACT TO 90%.

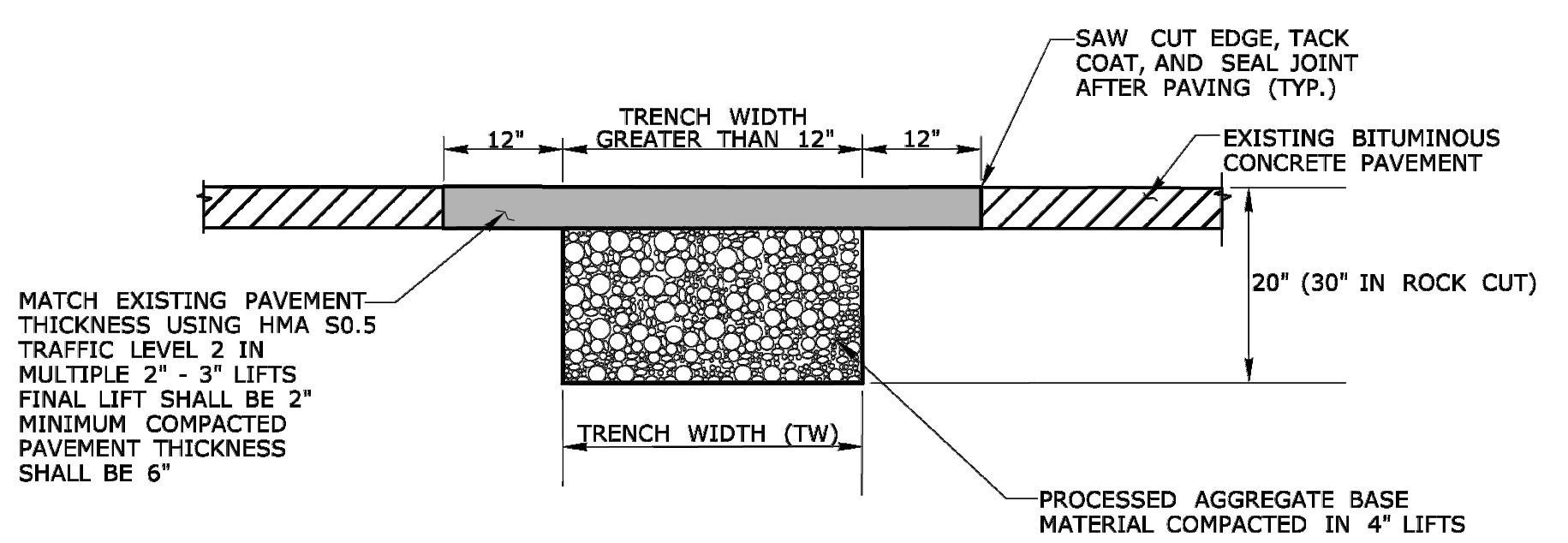
**TRENCH SECTION FOR SANITARY PIPE (PRIVATE)**  
N.T.S.



**TRENCH SECTION FOR STORM DRAIN PIPE (PRIVATE)**  
N.T.S.



**STORM & UTILITY TRENCH @ RT44**  
N.T.S.



**PERMANENT PAVEMENT FOR TRENCH THROUGH BITUMINOUS CONCRETE @ RT44**

NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE  
N.T.S.

**WMC**  
CONSULTING ENGINEERS

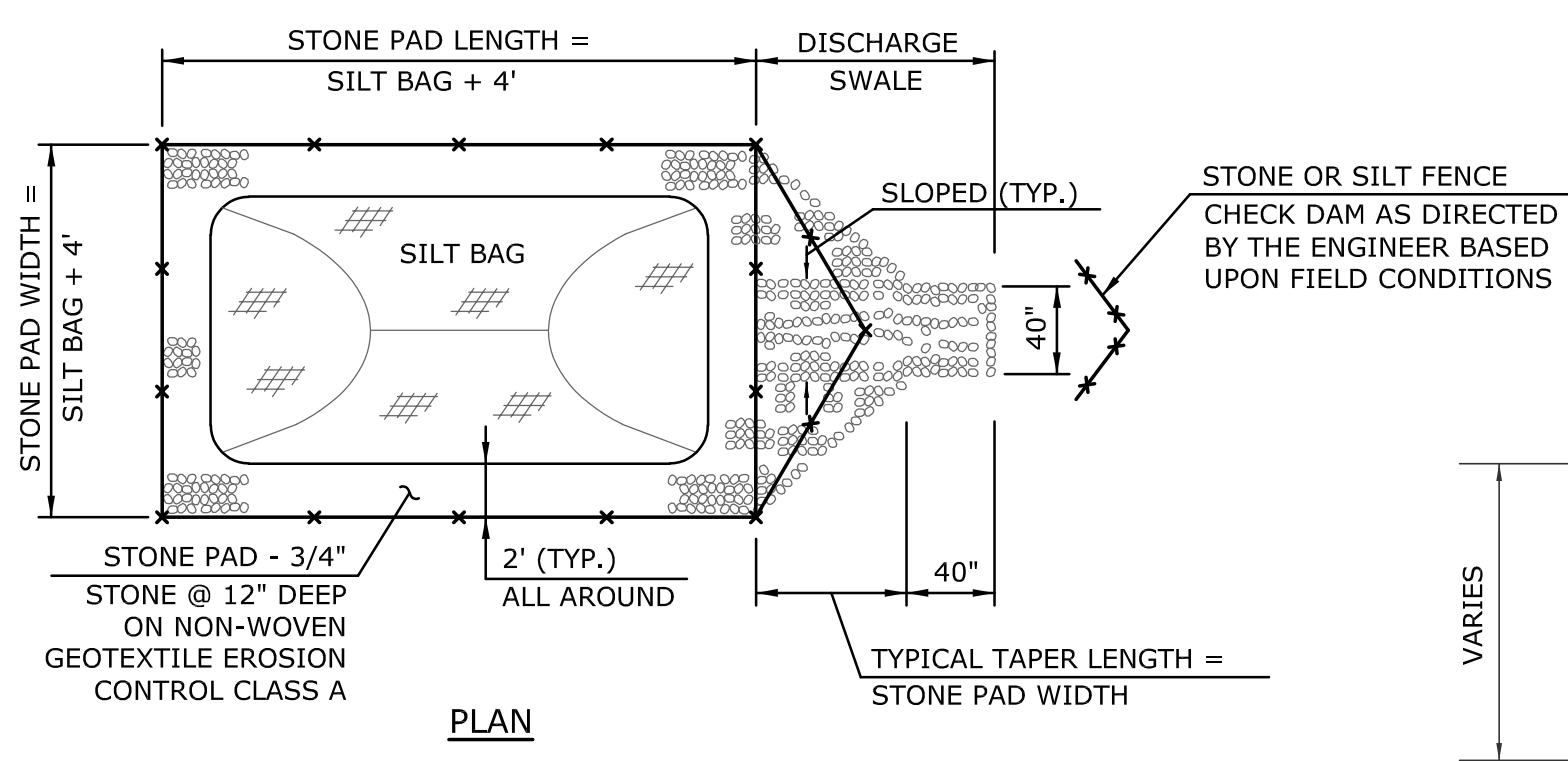
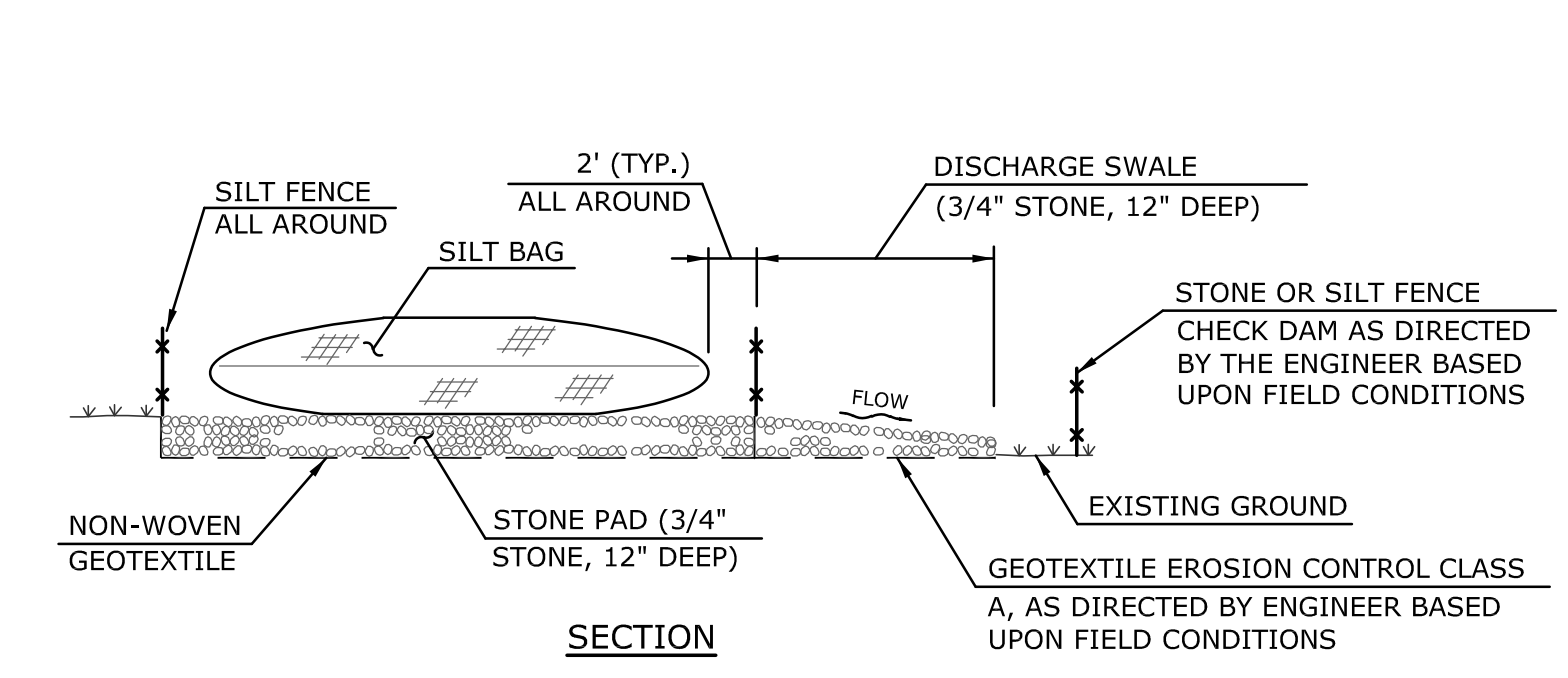
• WENGELL, McDONNELL & COSTELLO •  
87 HOLMES ROAD  
NEWINGTON, CT 06111  
(860) 667-9624

**PREPARED FOR**

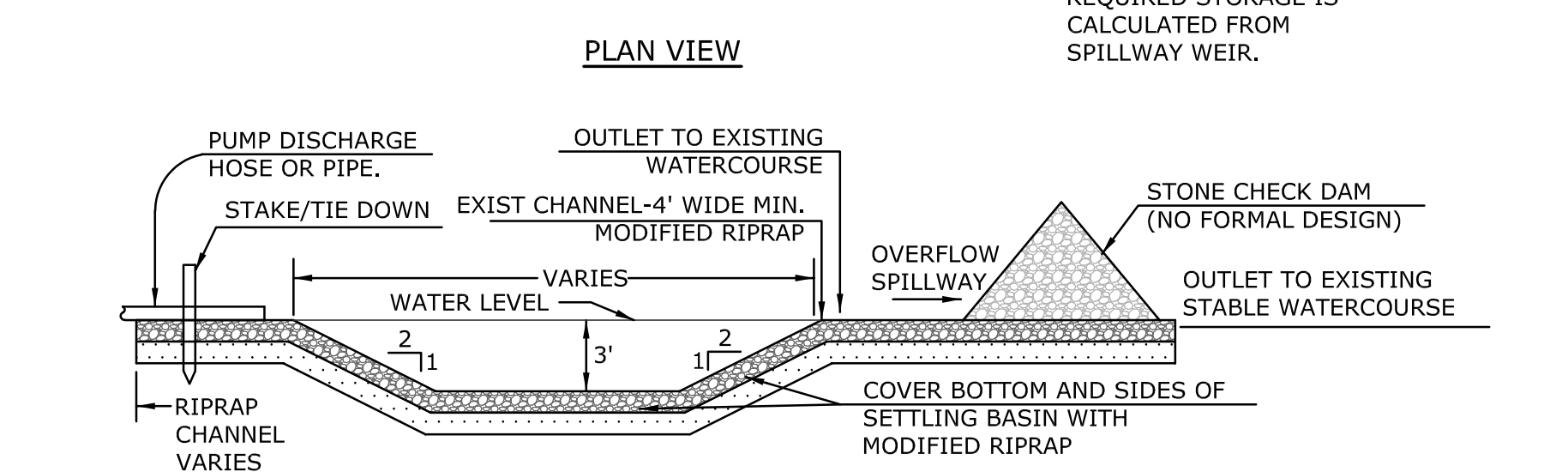
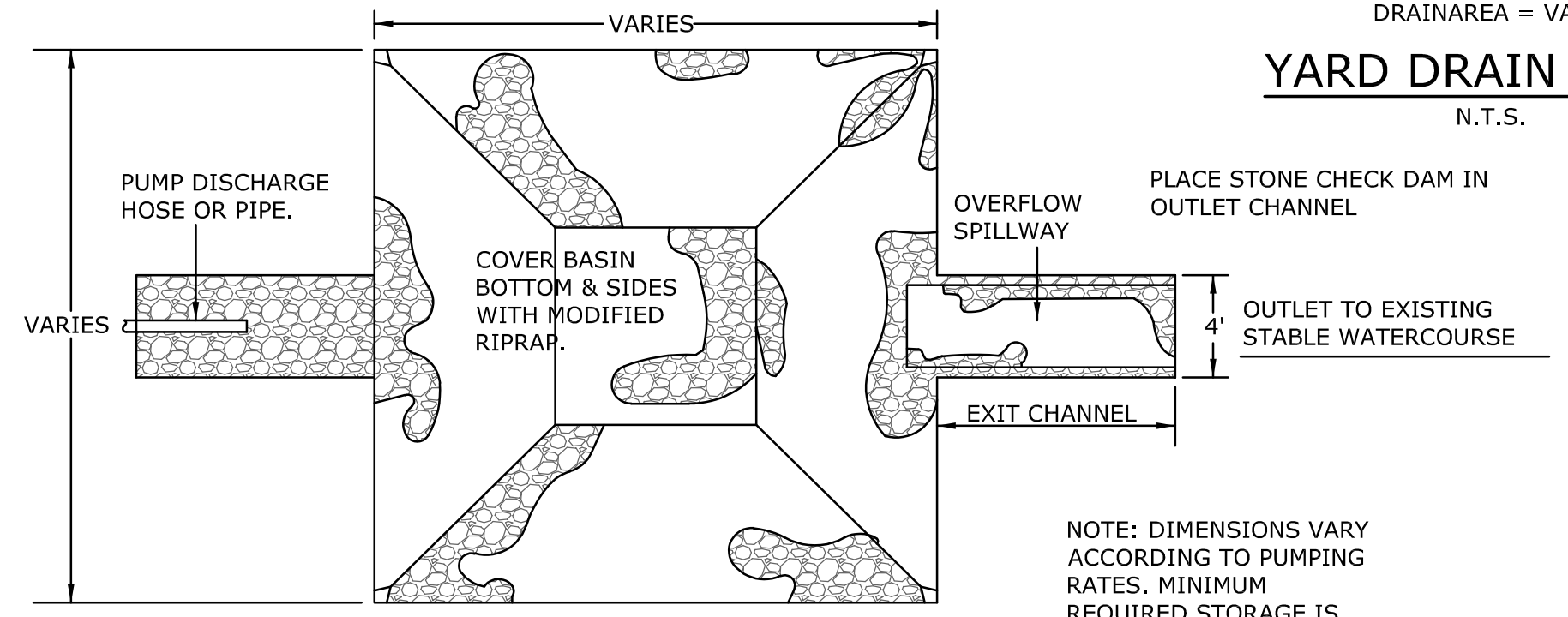
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

SITE CONSTRUCTION DETAILS				
SALISBURY SCHOOL PEDESTRIAN TUNNEL				
251 CANAAN ROAD (RT 44), SALISBURY				
D - SALISBURY TUNNEL	24015_FD	24015.10		
SIZE	PROJECT	FILE NAME	NUMBER	REV.

SHEET  
SD-1.2



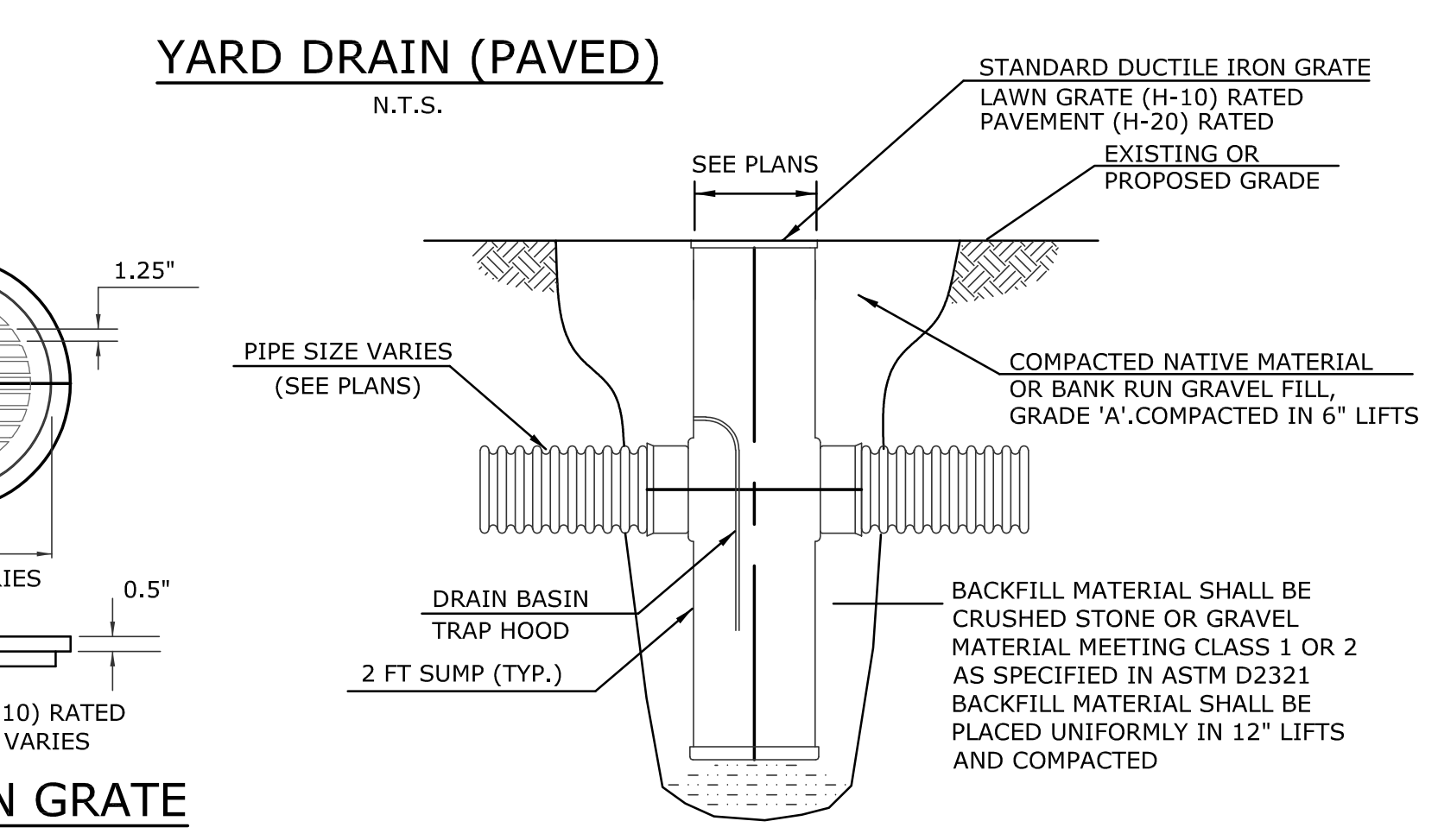
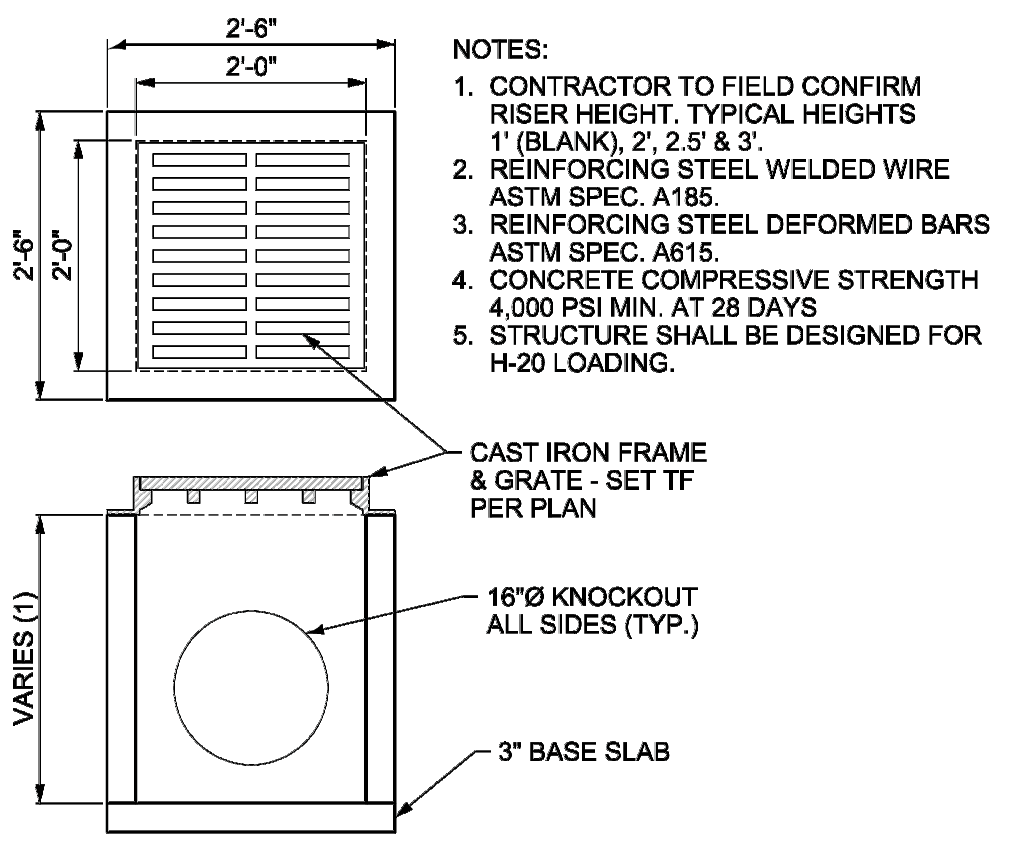
**SILT BAG INSTALLATION**  
N.T.S.



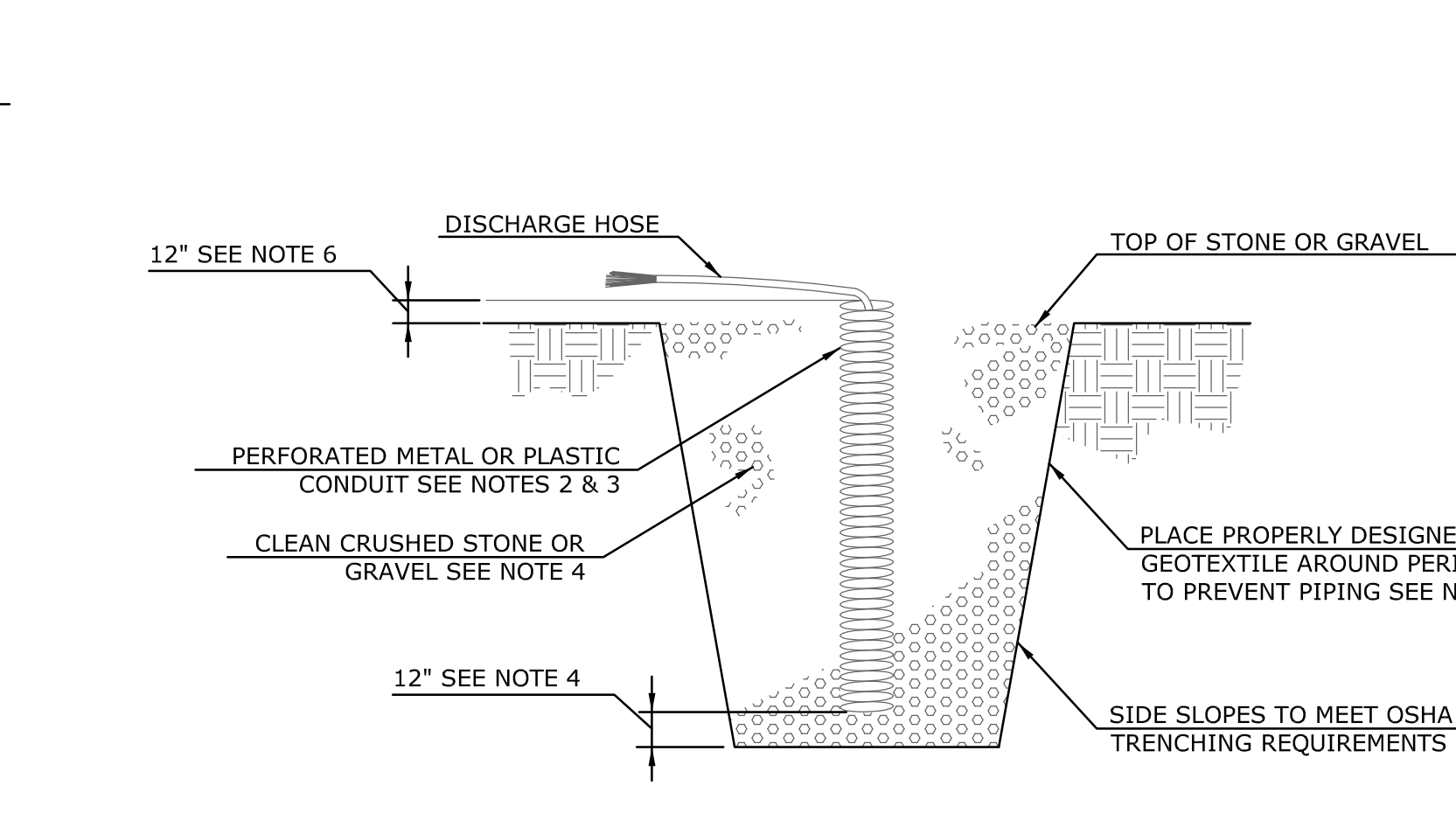
**TYPE III PUMPING SETTLING BASIN**  
N.T.S.

**PUMPING SETTLING BASIN NOTES:**

1. LOCATION AS DIRECTED BY ENGINEER. REMOVE WHEN PUMPING IS COMPLETED.
2. STORAGE VOLUME BASED UPON PUMP DISCHARGE, LARGER PAD DIMENSIONS MAY BE REQUIRED AS DIRECTED BY THE ENGINEER.
3. (MINIMUM REQUIRED STORAGE, CUBIC FEET) = 16 x (PUMP DISCHARGE RATE, GPM)
4. TYPE III PUMPING SETTLING BASIN TO BE USED WHEN THE EXPECTED DURATION OF USE IS LESS THAN 3 MONTHS. TYPE III PUMPING SETTLING BASIN TO BE USED WHEN THE EXPECTED DURATION OF USE IS LONGER THAN 3 MONTHS.
5. SETTLING BASIN AND EXIT CHANNEL TO BE BACKFILLED AT COMPLETION OF WORK. AREA SHALL BE GRADED AND STABILIZED ACCORDING TO PLANS OR AS DIRECTED BY THE ENGINEER.



**YARD DRAIN (LAWN)**  
N.T.S.

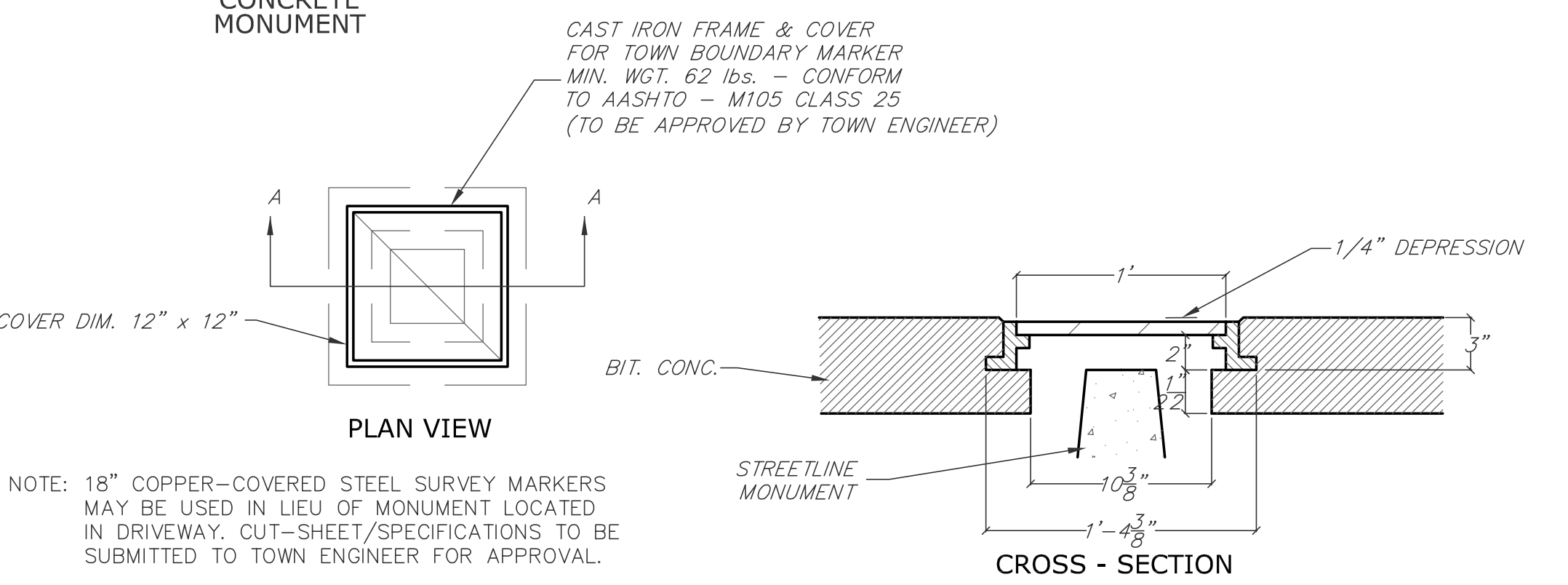
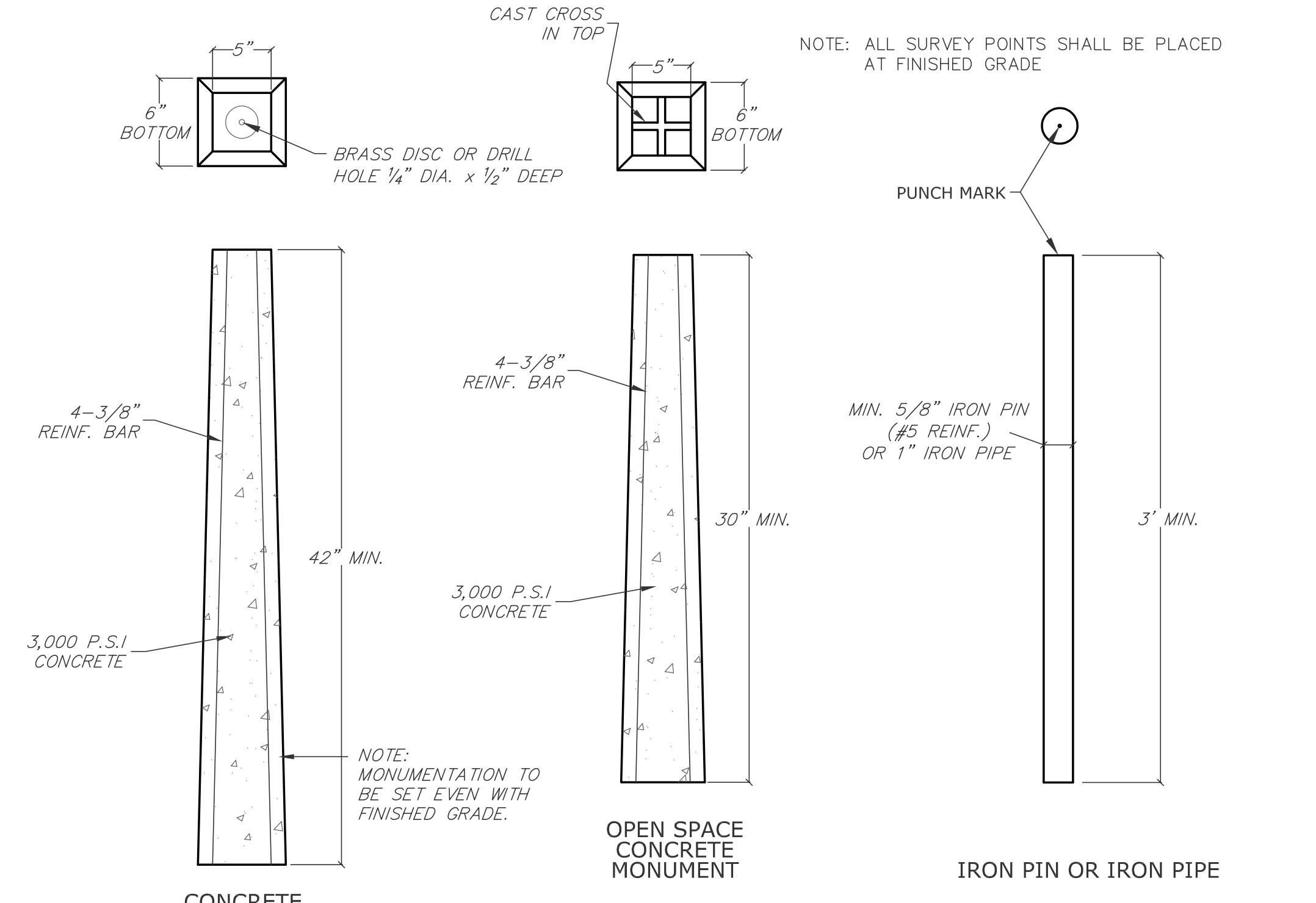


REFER TO PAGE 5-13-3 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL".

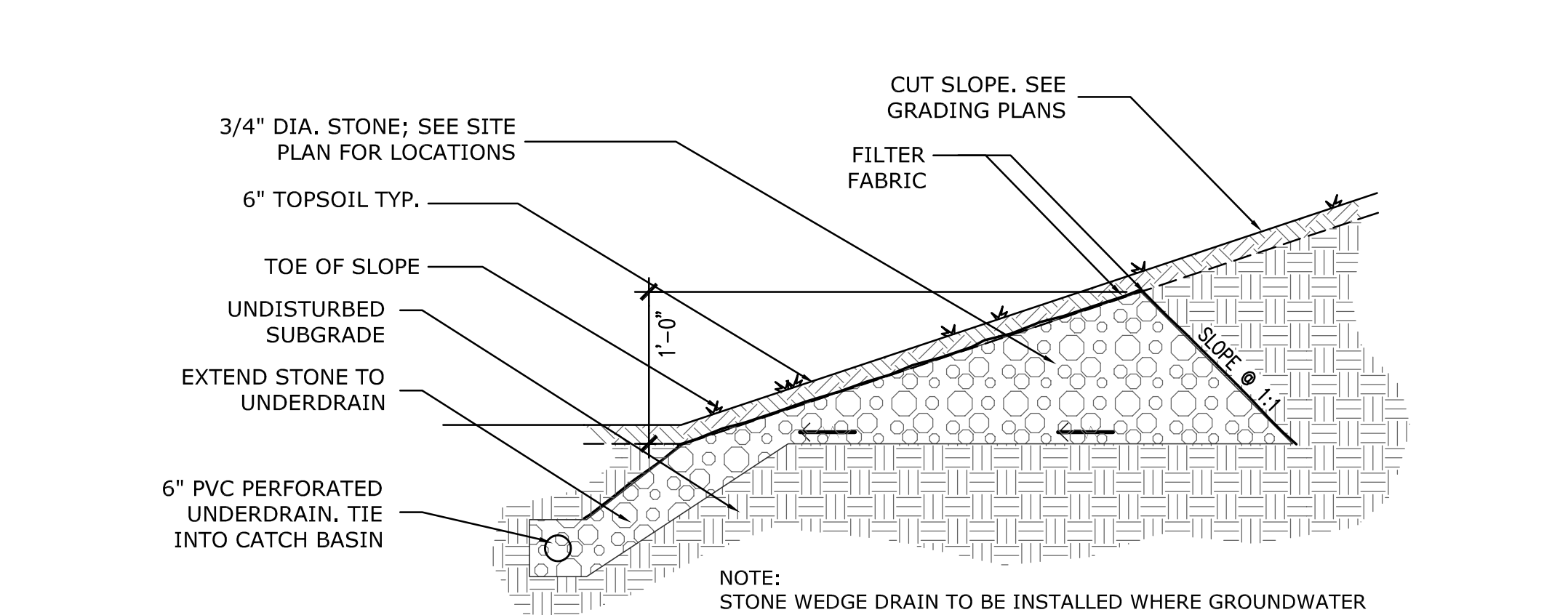
**NOTE:**

1. OVERALL SUMP PIT DIMENSIONS SHALL BE COMPATIBLE WITH ANTICIPATED SEEPAGE RATES AND PUMP SIZE TO BE USED.
2. THE STANDPIPE DIAMETER AND NUMBER OF PERFORATIONS SHALL BE COMPATIBLE WITH THE PUMP SIZE BEING USED.
3. PERFORATIONS IN THE STANDPIPE SHALL BE EITHER CIRCULAR OR SLOTS. PERFORATION SIZE SHALL NOT EXCEED 1/2" IN DIAMETER.
4. CRUSHED STONE OR GRAVEL SHALL BE NO SMALLER THAN CT DOT #67 SIZE NOR LARGER THAN CT DOT #3 SIZE. CRUSHED STONE SHALL EXTEND A MINIMUM OF 12" BELOW THE BOTTOM OF THE STANDPIPE.
5. IF EXCESSIVE MOVEMENT OF FINE SOIL PARTICLES FROM THE SURROUNDING EXISTING SOILS IS ANTICIPATED, A PROPERLY DESIGNED GEOTEXTILE SHALL BE PLACED BETWEEN THE EXISTING SOILS AND THE CRUSHED STONE OR GRAVEL BACKFILL.
6. THE STANDPIPE SHALL EXTEND A MINIMUM OF 12" ABOVE THE SURROUNDING GROUND.

**PUMP INTAKE TYPICAL SECTION OF SUMP PIT**  
N.T.S.



**STREETLINE MONUMENT IN PAVEMENT COVER DETAIL**  
N.T.S.



**STONE WEDGE DRAIN**  
N.T.S.

		SUPV.	S.R.M.
		DESIGN	R.E.B.
		DRAWN	R.E.B.
		CHECKED	S.R.M.
NO.	DATE	DESCRIPTION	DATE
		REVISIONS	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE  
N.T.S.

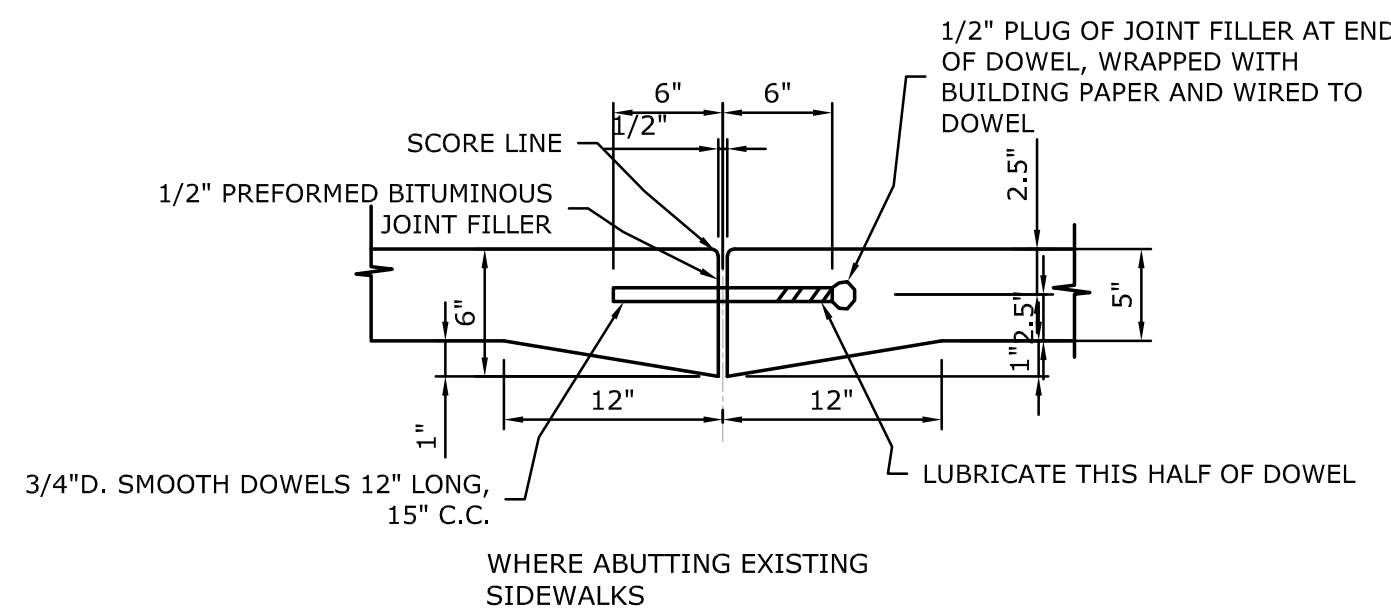
**WMC**  
CONSULTING ENGINEERS

• WENGELL, McDONNELL & COSTELLO •  
87 HOLMES ROAD  
NEWINGTON, CT 06111  
(860) 667-9624

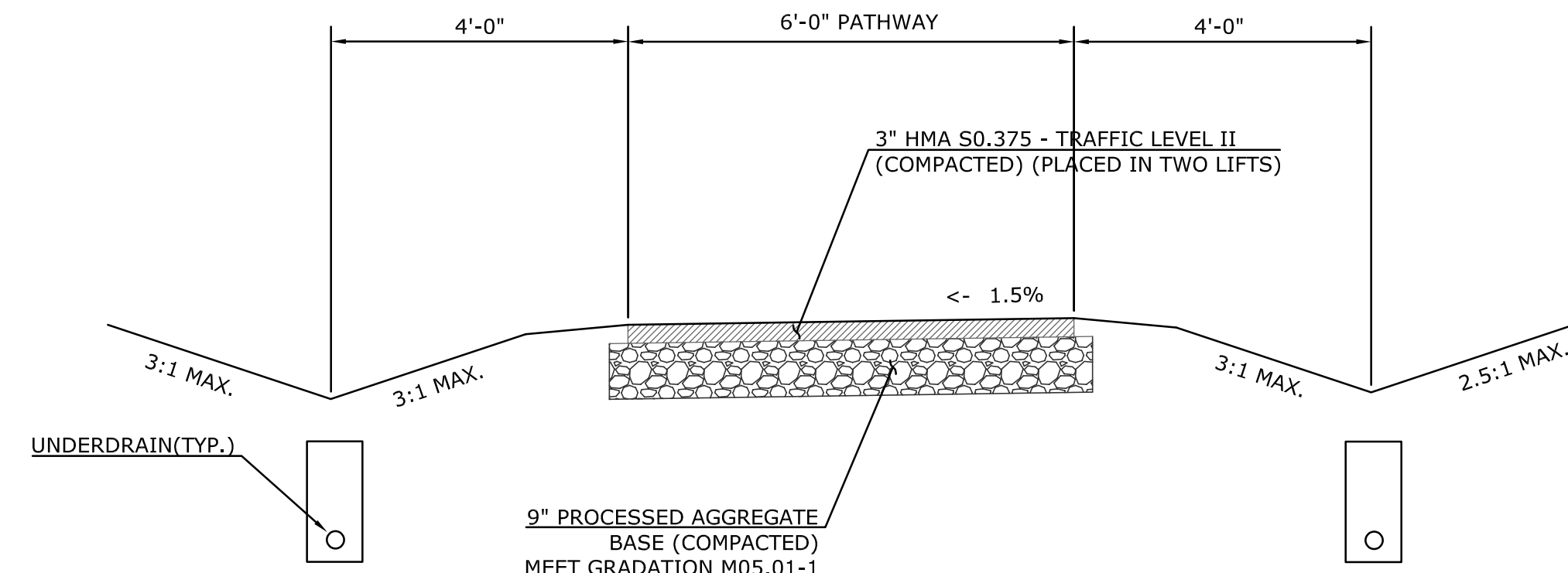
**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**SITE CONSTRUCTION DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

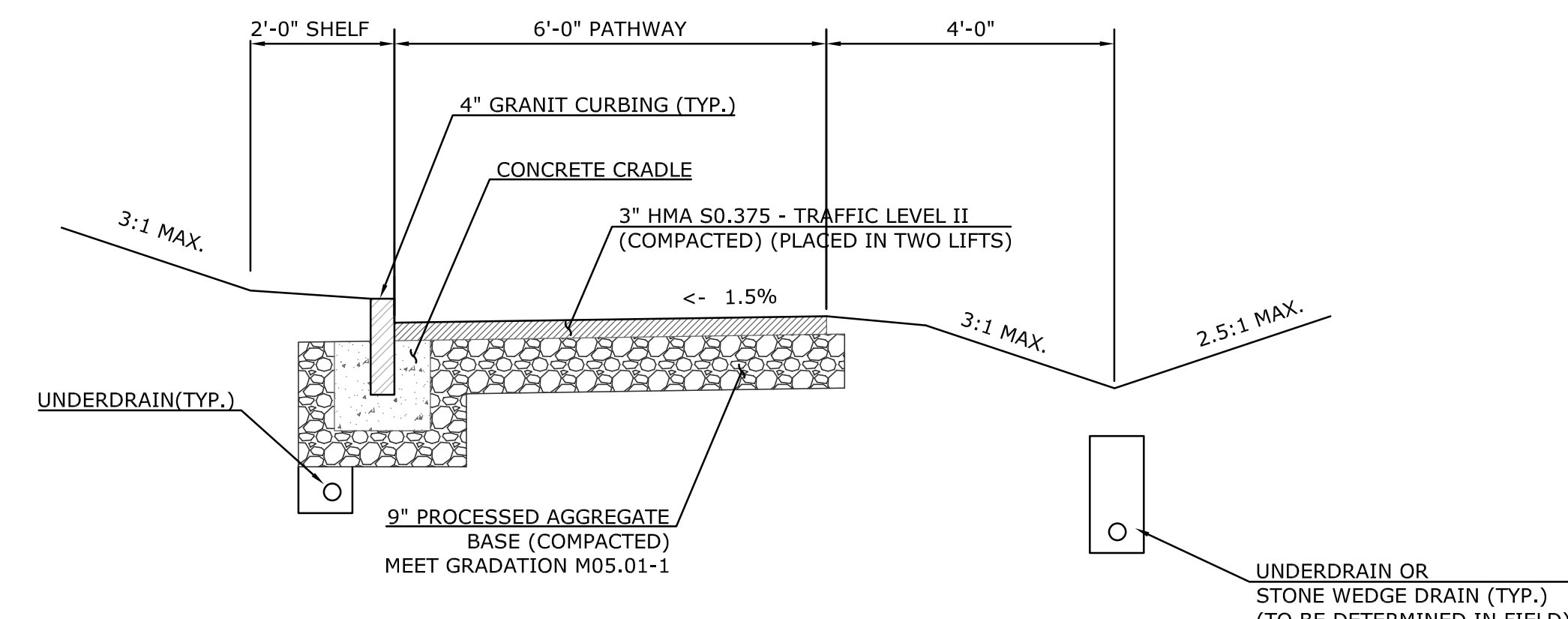
D - SALISBURY TUNNEL -	24015_FD -	24015.10 -	REV.	SHEET
SIZE	PROJECT	FILE NAME	NUMBER	SD1.3



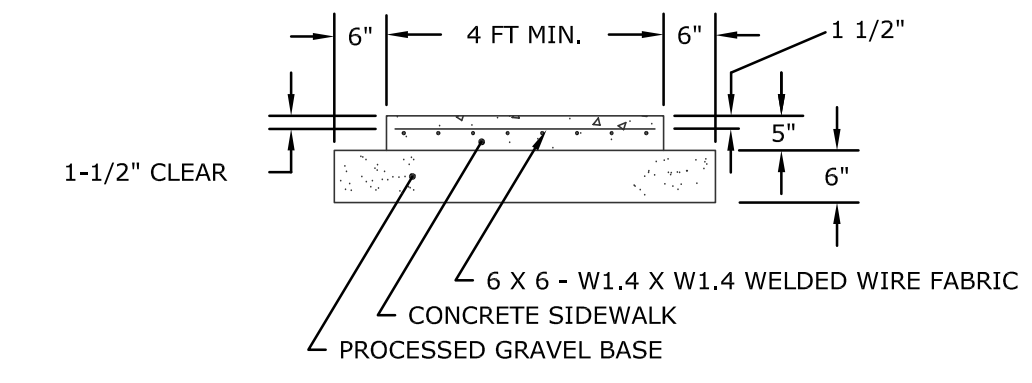
**SIDEWALK CONTRACTION JOINT DETAIL**  
N.T.S.



**TYPICAL PATH DETAIL (SOUTH SIDE)**  
SCALE: 1" = 2'-0"



**TYPICAL PATH DETAIL (NORTH SIDE)**  
SCALE: 1" = 2'-0"



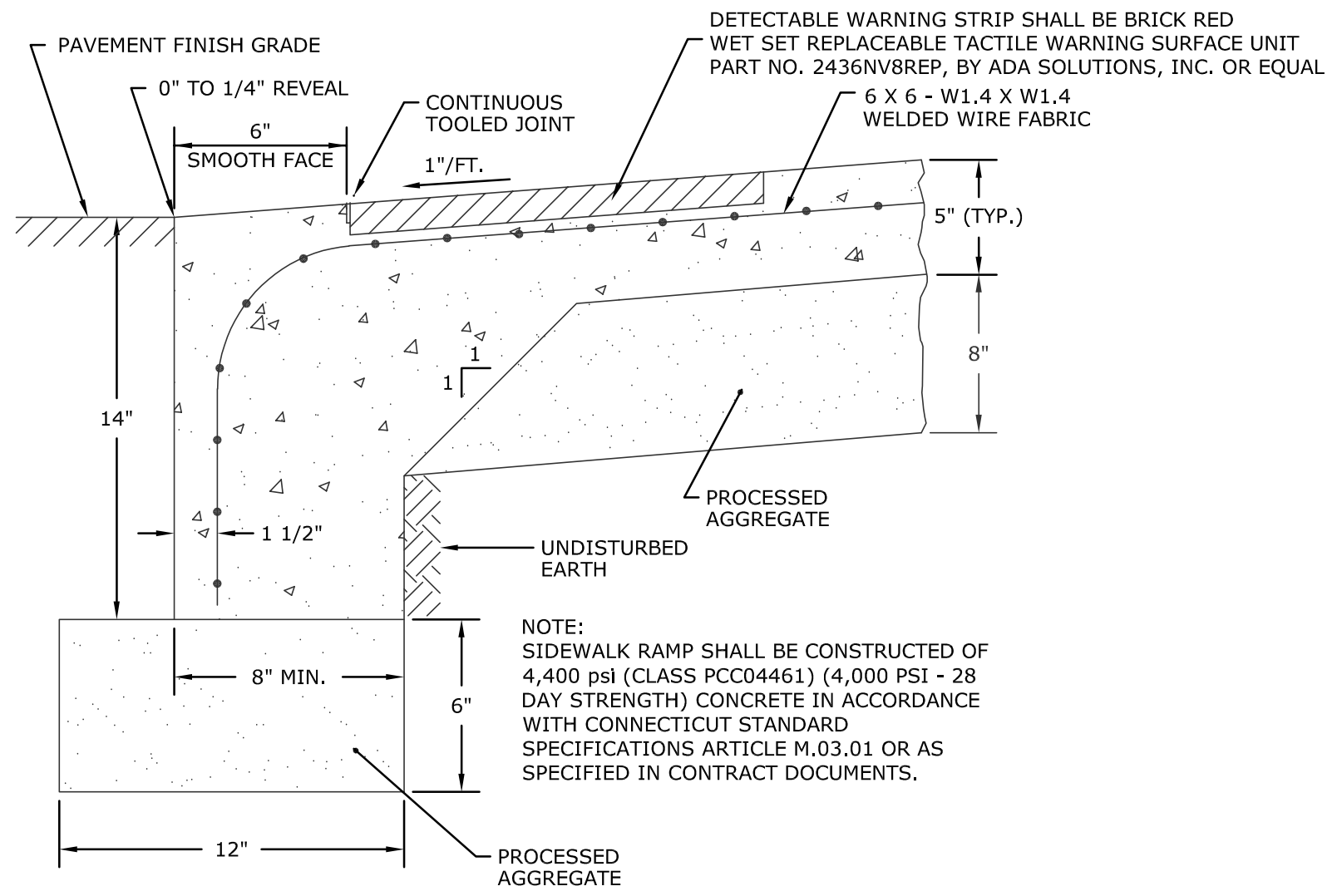
**SECTION A-A CONCRETE SIDEWALK**  
N.T.S.

**SIDEWALK PLAN NOTES:**

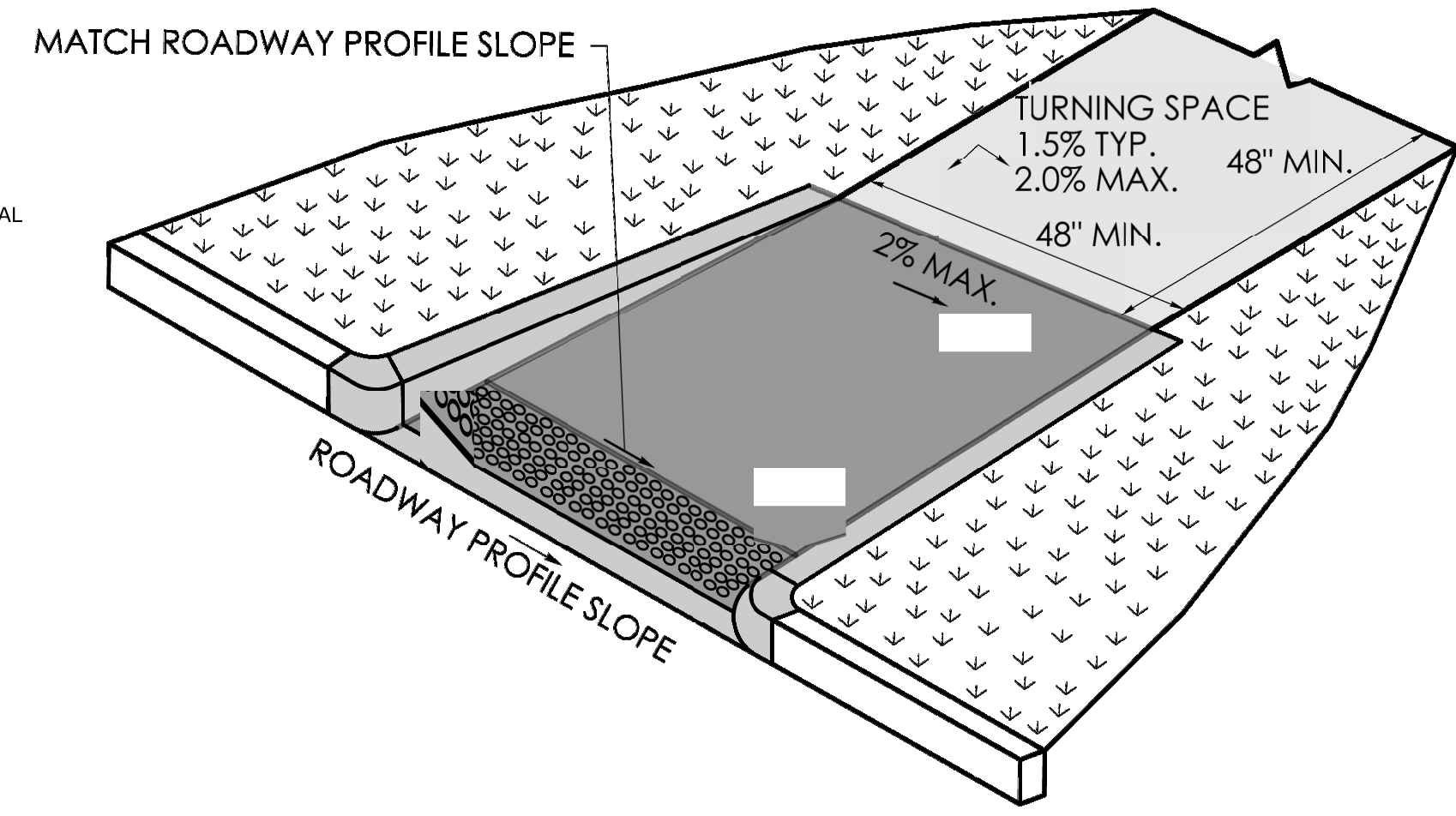
- 4,400 psi (CLASS PCC04461) CONCRETE (28 DAY STRENGTH).
- FORMS ARE TO BE SET TRUE TO LINE AND GRADE ON WELL COMPACTED BASE.
- PROPER FINISHING PROCEDURE WILL BE FOLLOWED INCLUDING JOINTING, EDGING, AND BROOMING. A FINE BRISTLE BROOM SHOULD BE USED. ALL EDGING TOOL IMPRINTS SHOULD BE STEEL TROWELED PRIOR TO BROOMING.
- CURING COMPOUND MAY BE REQUIRED.
- PRECAUTIONS ARE TO BE TAKEN TO PROTECT SURFACE FROM DAMAGE.
- WALKS SHALL BE BACKFILLED AS SOON AS FORMS ARE REMOVED.
- ALL CONCRETE SIDEWALK SLABS SHALL BE RECTANGULAR IN SHAPE. NO FIGURE L SLABS ARE TO BE CONSTRUCTED.
- SIDEWALK SLABS SHOULD NOT EXCEED 5' IN WIDTH. IF SIDEWALK SLABS GREATER THAN 5' IN WIDTH ARE TO BE CONSTRUCTED, A LONGITUDINAL EXPANSION JOINT SHALL BE CONSTRUCTED TO FORM ACCEPTABLE SLABS.
- INSERT METAL DOWELS AT ALL EXPANSION JOINTS AS SHOWN ON TYPICAL SIDEWALK DETAIL.
- WELDED WIRE FABRIC SHALL BE INSTALLED IN ALL SIDEWALK LOCATIONS AND INCLUDED IN THE COST OF CONCRETE SIDEWALK OR RAMP PAY ITEMS.

**SIDEWALK RAMP NOTES:**

- MAXIMUM SLOPES OF ADJOINING GUTTERS AND ROAD SURFACES IMMEDIATELY ADJACENT TO THE SIDEWALK RAMP OR ACCESSIBLE ROUTE SHOULD NOT EXCEED 20:1.
- CARE SHALL BE TAKEN TO ASSURE UNIFORM GRADE ON THE RAMP, FREE OF SAGS AND ABRUPT GRADE CHANGES.
- ALL RAMP SHALL BE CONSTRUCTED OF 4,400 psi (CLASS PCC04461) CONCRETE IN ACCORDANCE WITH THE SPECIFICATIONS IN THE CONTRACT DOCUMENTS.
- SIDEWALK RAMP SHALL HAVE A COARSE BROOM FINISH TRANSVERSE TO THE SLOPE OF THE RAMP. THE SURFACE ALONG ACCESSIBLE ROUTES SHALL BE STABLE, FIRM AND SLIP RESISTANT IN COMPLIANCE WITH ADAAG SECTION 4.5. DETECTABLE WARNING SURFACES SHALL BE INSTALLED FLUSH AT ALL RAMP AND EXTEND 24" MIN. FROM BACK EDGE OF CURBING ALONG TRAVEL WAY.
- DIAGONAL SIDEWALK RAMP AT MARKED CROSSINGS SHALL BE WHOLLY CONTAINED WITHIN THE MARKINGS, EXCLUDING ANY FLARED SIDES.
- REMOVAL OF EXISTING SIDEWALK FOR NEW RAMP INSTALLATIONS SHALL BE TO THE NEAREST EXPANSION/CONTRACTIONS JOINT OR DUMMY JOINT, 12:1 MAY NO BE ACHIEVABLE DUE TO SIDEWALK GRADE. IN RECOGNITION OF THIS, A MINIMUM LIMIT OF 15' FOR A PARALLEL RAMP SHALL BE USED. REMOVAL SHALL NOT BE FURTHER THAN 2' FROM THE PROPOSED RAMP UNLESS DIRECTED BY THE ENGINEER.
- EXPANSION JOINTS IN CONCRETE SHALL MATCH THOSE IN ADJACENT SIDEWALKS BUT IN NO CASE SHALL THE SPACING BETWEEN EXPANSION JOINTS EXCEED 15' UNLESS OTHERWISE NOTED.
- RAISED ISLANDS IN MARKED CROSSINGS SHALL HAVE SIDEWALK RAMP AT BOTH SIDES AND A LEVEL AREA AT LEAST 4' LONG BETWEEN THE RAMP. IF THIS CAN NOT BE ACHIEVED, THE RAISED ISLAND SHALL BE CUT THROUGH LEVEL WITH THE ROADWAY AS SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
- SIDEWALK RAMP SHALL BE CONSTRUCTED AS SHOWN, INCLUDING CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP.
- CURBING WITHIN THE LIMITS OF THE NEW SIDEWALK RAMP SHALL BE CONSTRUCTED IN CONFORMANCE WITH THE REQUIREMENTS OF FORM 819 SECTIONS 8.1.1.
- HANDICAP RAMP CONFORMING WITH CONNECTICUT GENERAL STATUTES, SEC. 7-118a, SHALL BE INCORPORATED IN ALL PROPOSED SIDEWALKS AT ALL STREET INTERSECTIONS, AND AT ALL OTHER LOCATIONS WHERE THE GRADE OF A DRIVEWAY OR OTHER FACILITY TAKES PRECEDENCE OVER THE GRADE OF THE PROPOSED SIDEWALK.
- TRANSITION TO FULL HEIGHT CURB. INSTALL CURB TYPES AS INDICATED ON THE PLANS.
- INSTALL THE EDGE OF THE DETECTABLE WARNING 6" FROM EDGE OF ROAD.
- TO PERMIT WHEELCHAIR WHEELS TO ROLL BETWEEN DOMES, ALIGN DOMES ON A SQUARE GRID IN THE DIRECTION OF PEDESTRIAN TRAVEL.

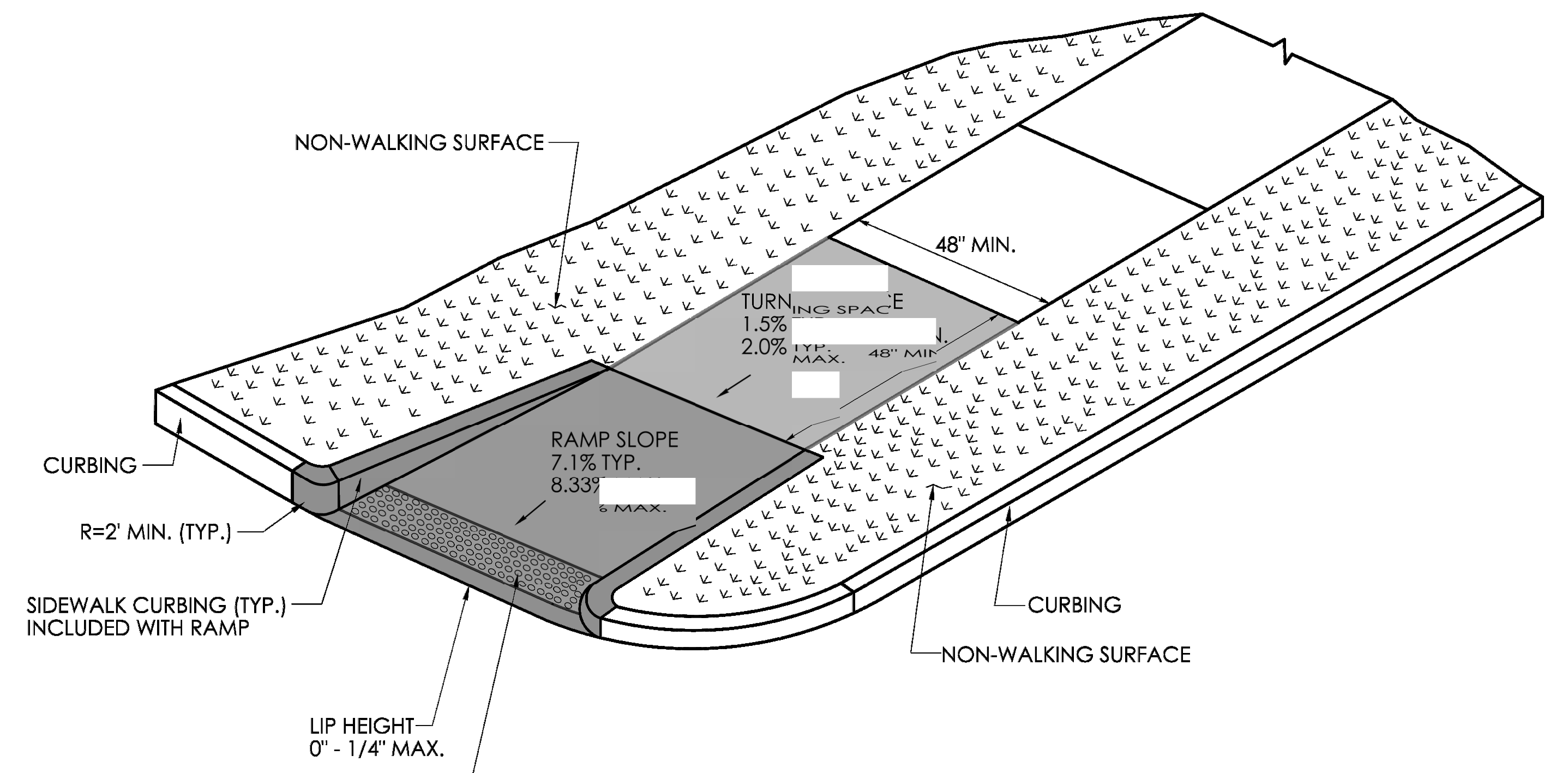


**HANDICAP RAMP SECTION A-A**  
N.T.S.



**RAMP WARPING DETAIL**

- 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.
- COMPLETE TRANSITION TO THE ROADWAY PROFILE BEHIND THE DETECTABLE WARNING SURFACE.



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

		SUPV.	S.R.M.
		DESIGN	R.E.B.
		DRAWN	R.E.B.
		CHECKED	S.R.M.
NO.	DATE	DESCRIPTION	DATE
		REVISIONS	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE  
N.T.S.

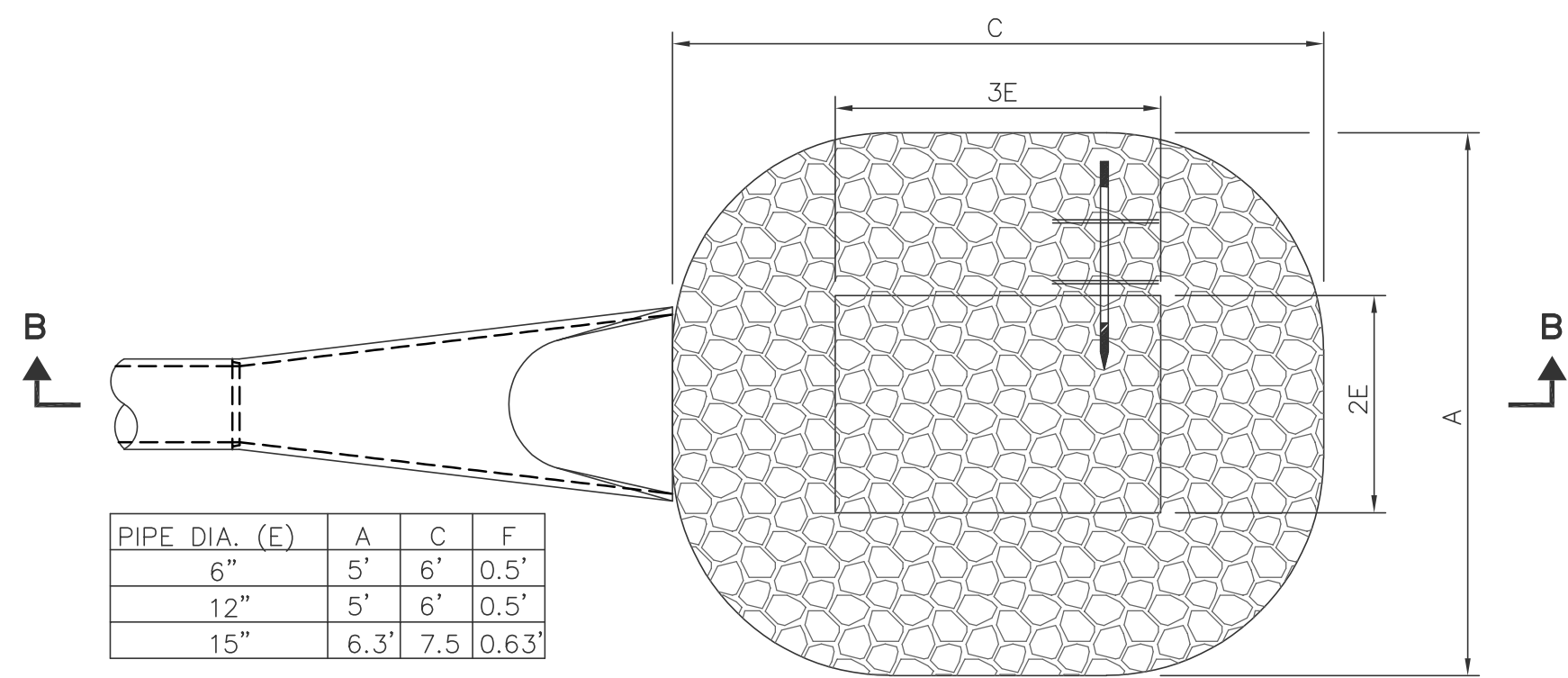


WENGELL, McDONNELL & COSTELLO  
87 HOLMES ROAD  
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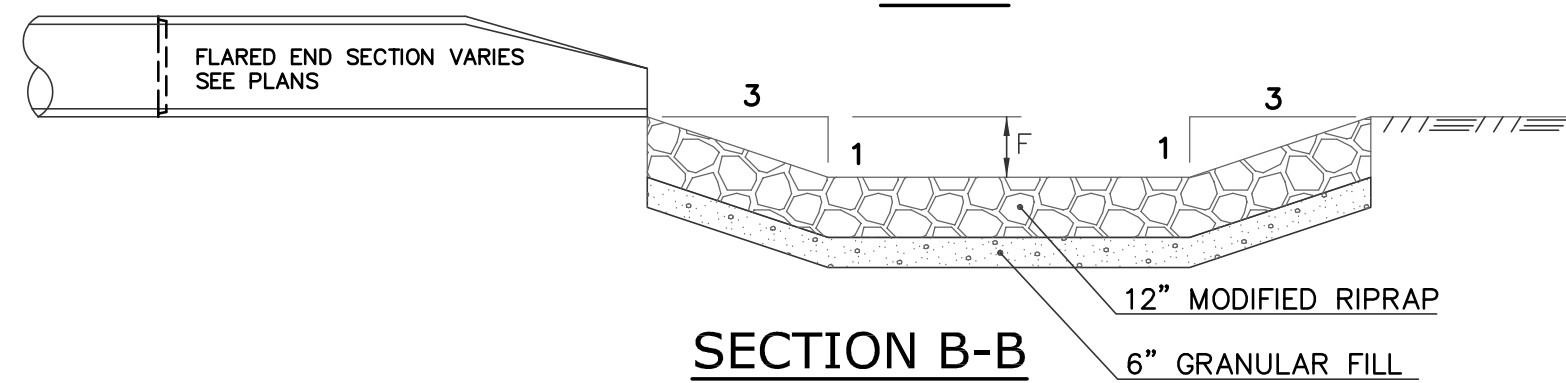
**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**SIDEWALK / BITUMINOUS PATH DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-	SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	SD-1.4



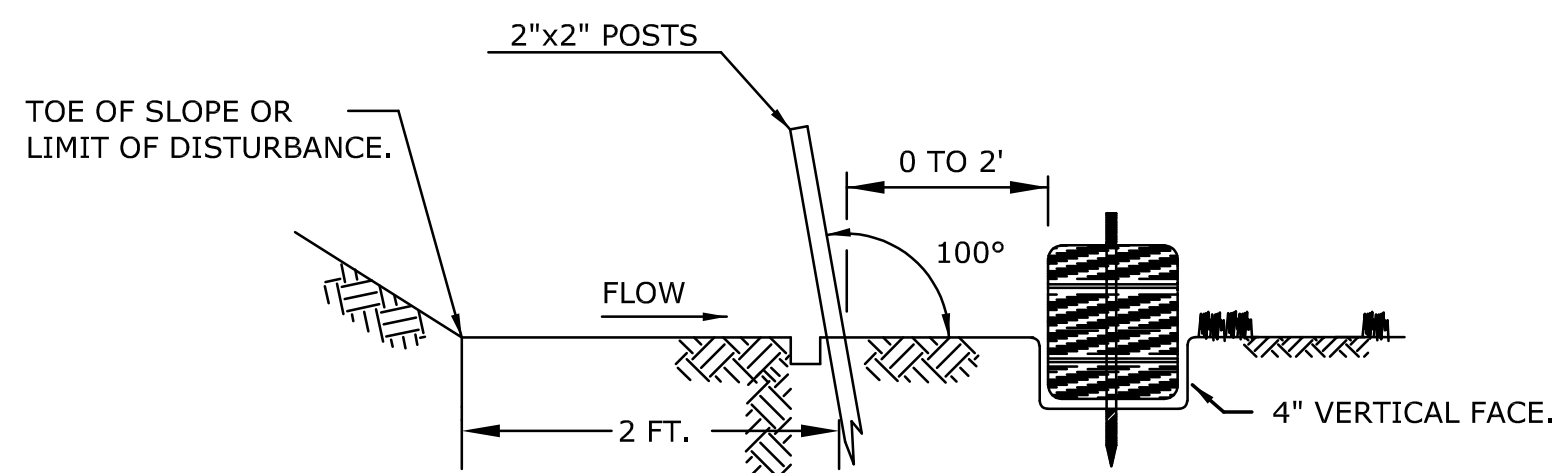
PLAN



SECTION B-B

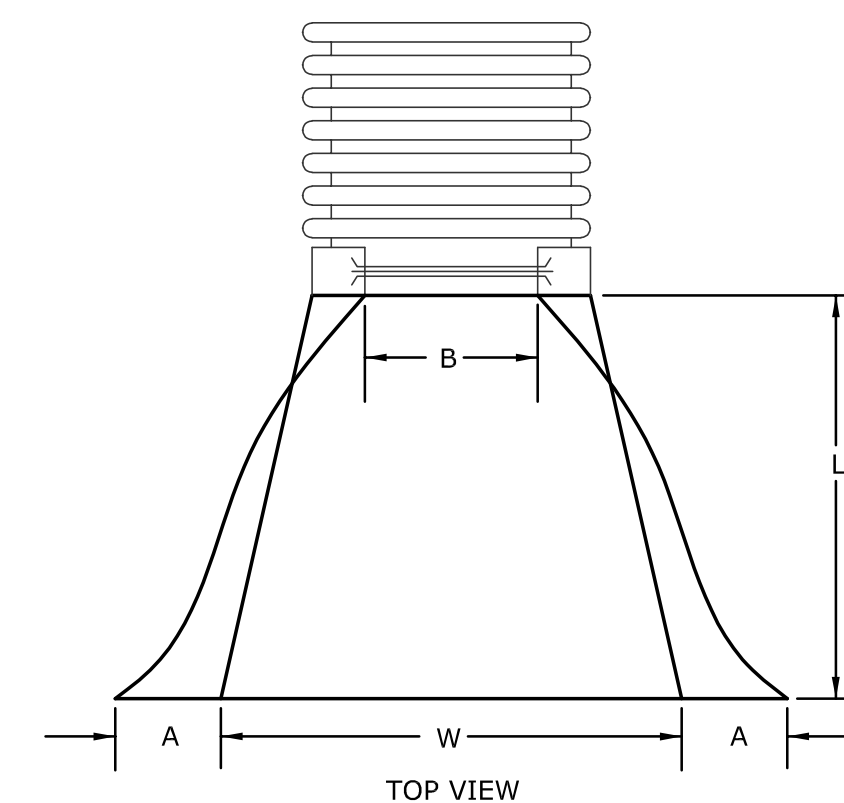
RIP RAP PLUNGE POOL

N.T.S.

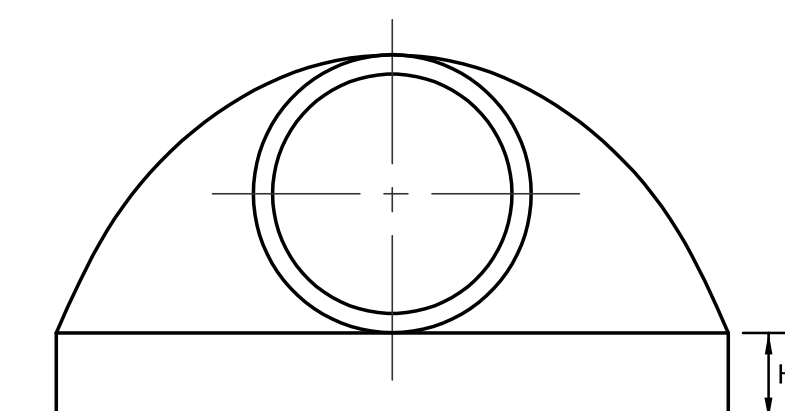


SILT FENCE & HAY BALE CONSTRUCTION

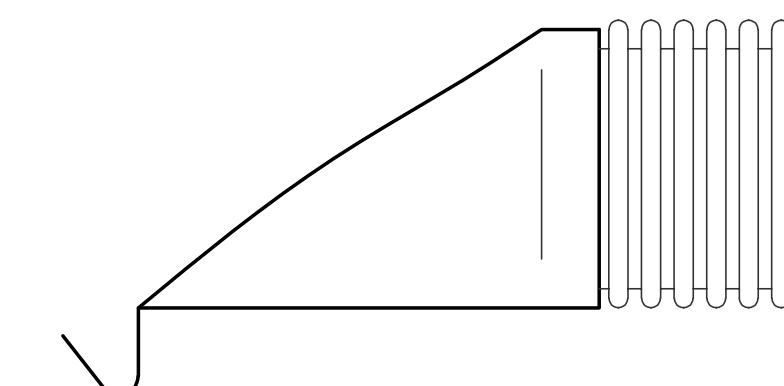
N.T.S.



TOP VIEW



FRONT VIEW

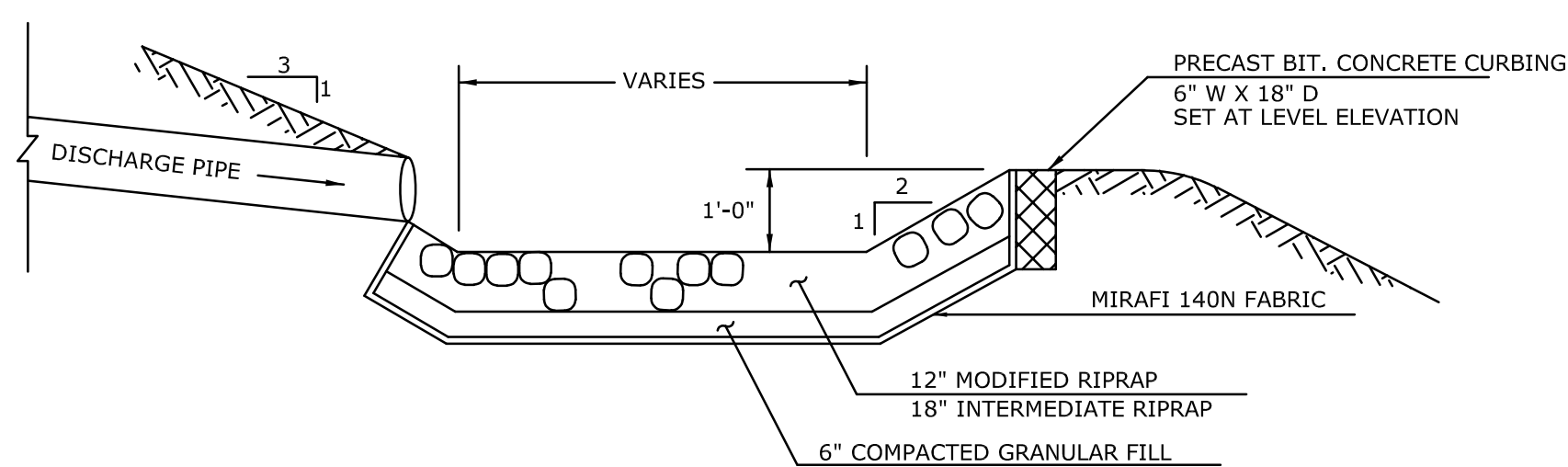


RIGHT SIDE VIEW

HDPE FLARED END SECTION

N.T.S.

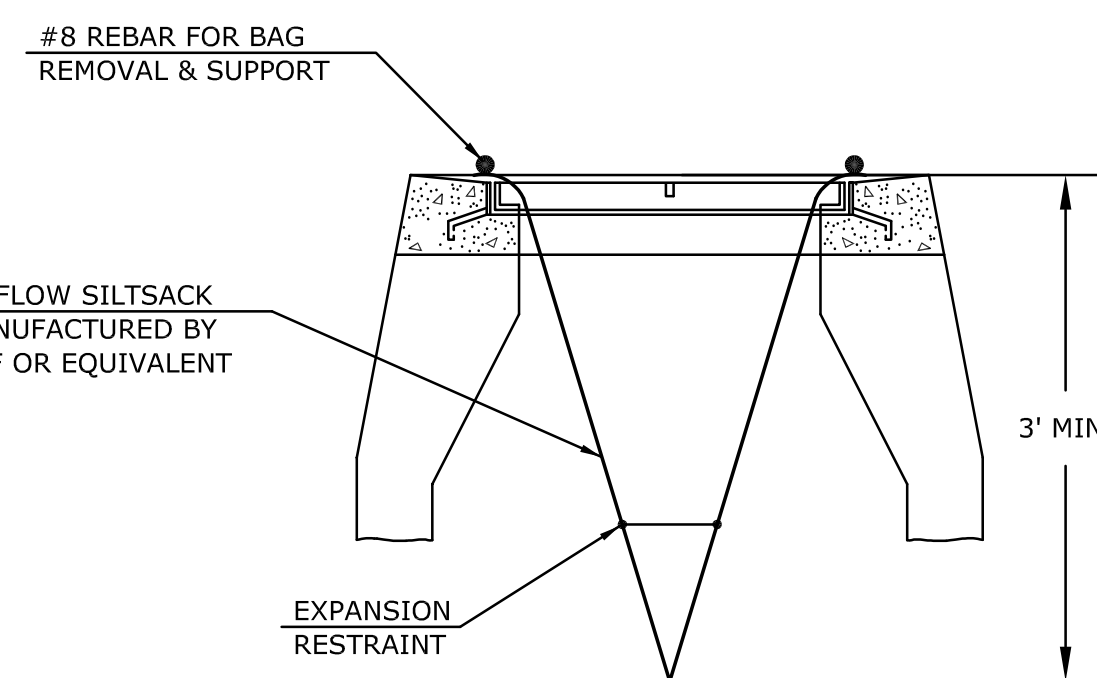
PART No.	PIPE SIZE	A	B(MAX)	H	L	W
1210-NP	12"	6.5"	10"	6.5"	25"	29"
1510-NP	15"	6.5"	10"	6.5"	25"	29"
1810-NP	18"	7.5"	15"	6.5"	32"	35"
2410-NP	24"	7.5"	18"	6.5"	36"	45"



SECTION (TYP.)

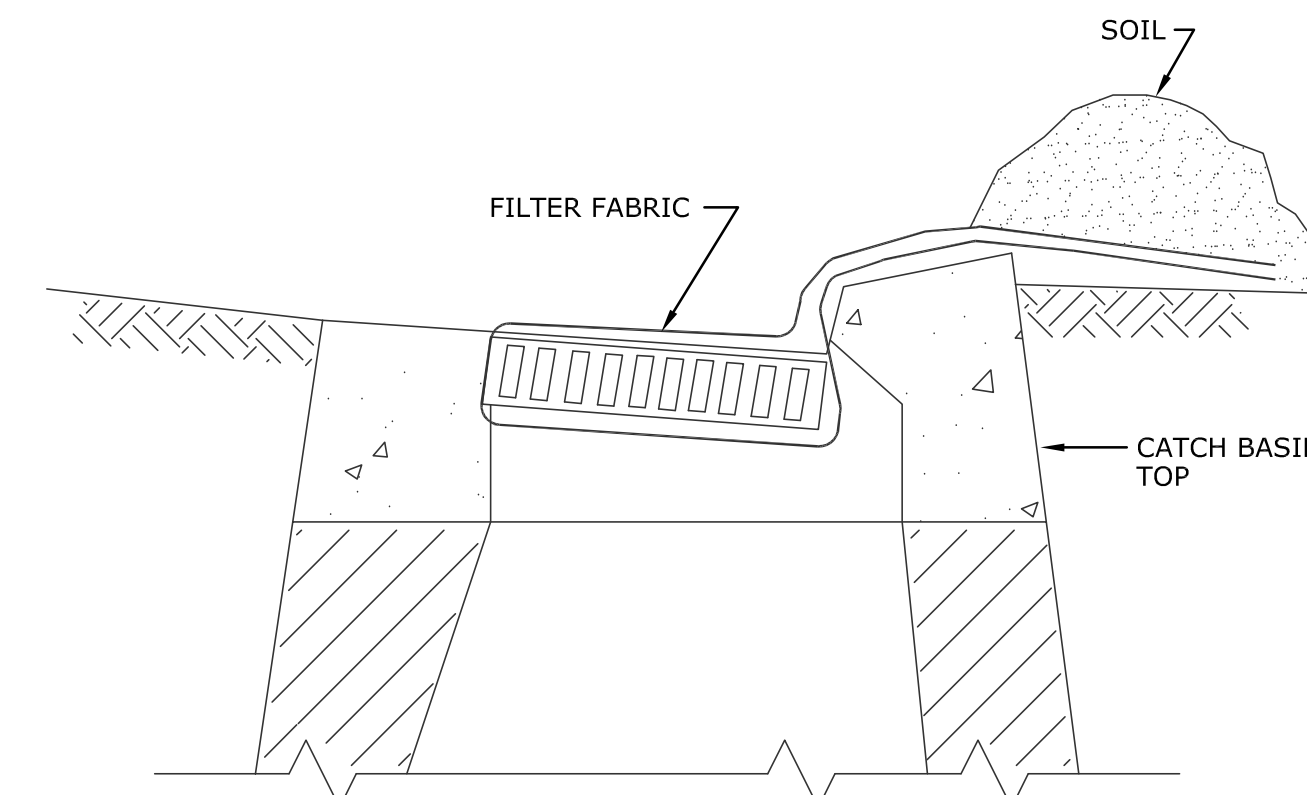
RIP RAP LEVEL SPREADER

N.T.S.



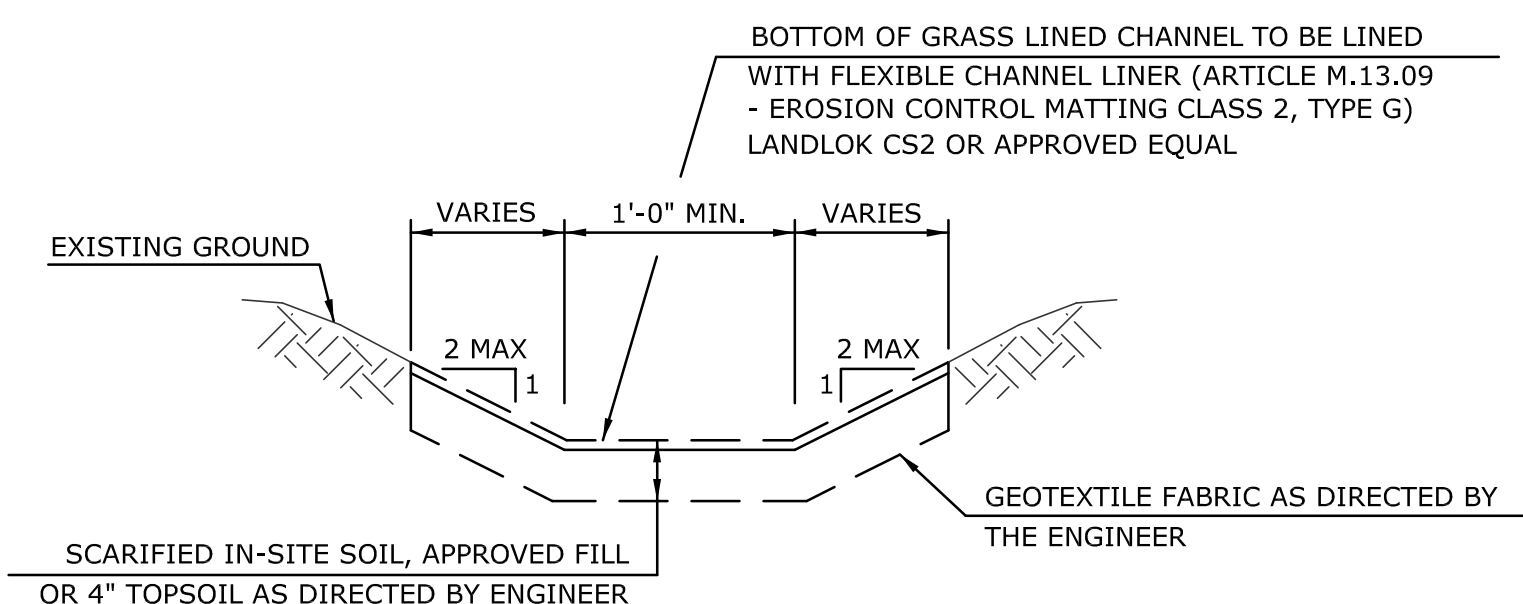
SILTATION SAC IN CATCH BASIN

N.T.S.



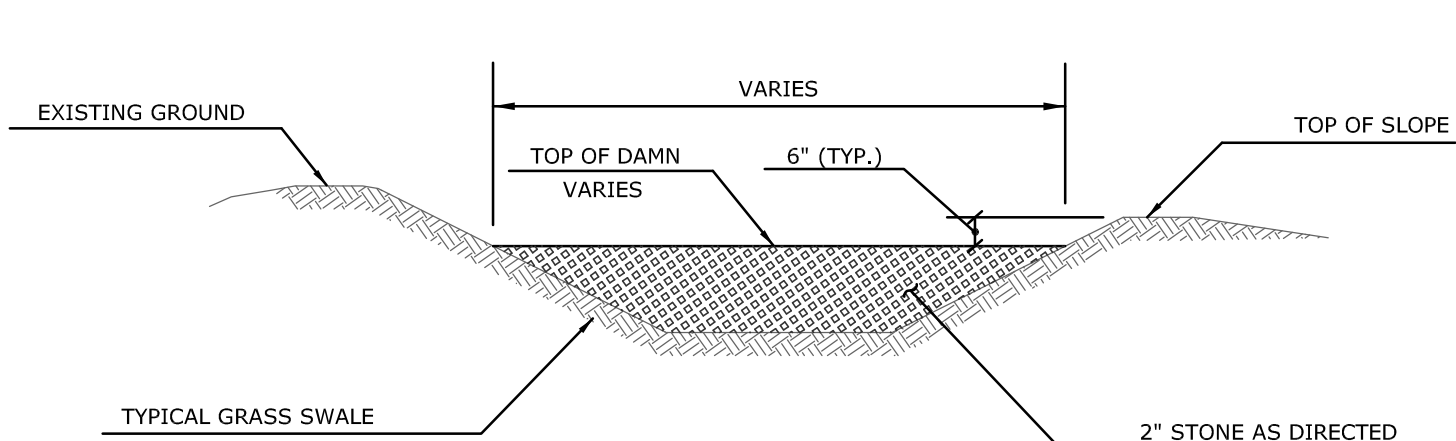
INLET PROTECTION

N.T.S.

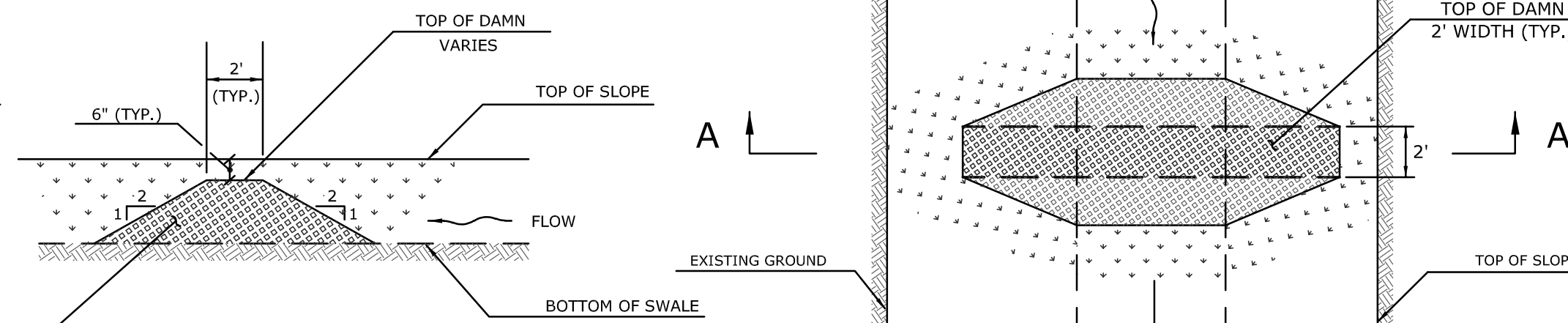


GRASS LINED SWALE

N.T.S.



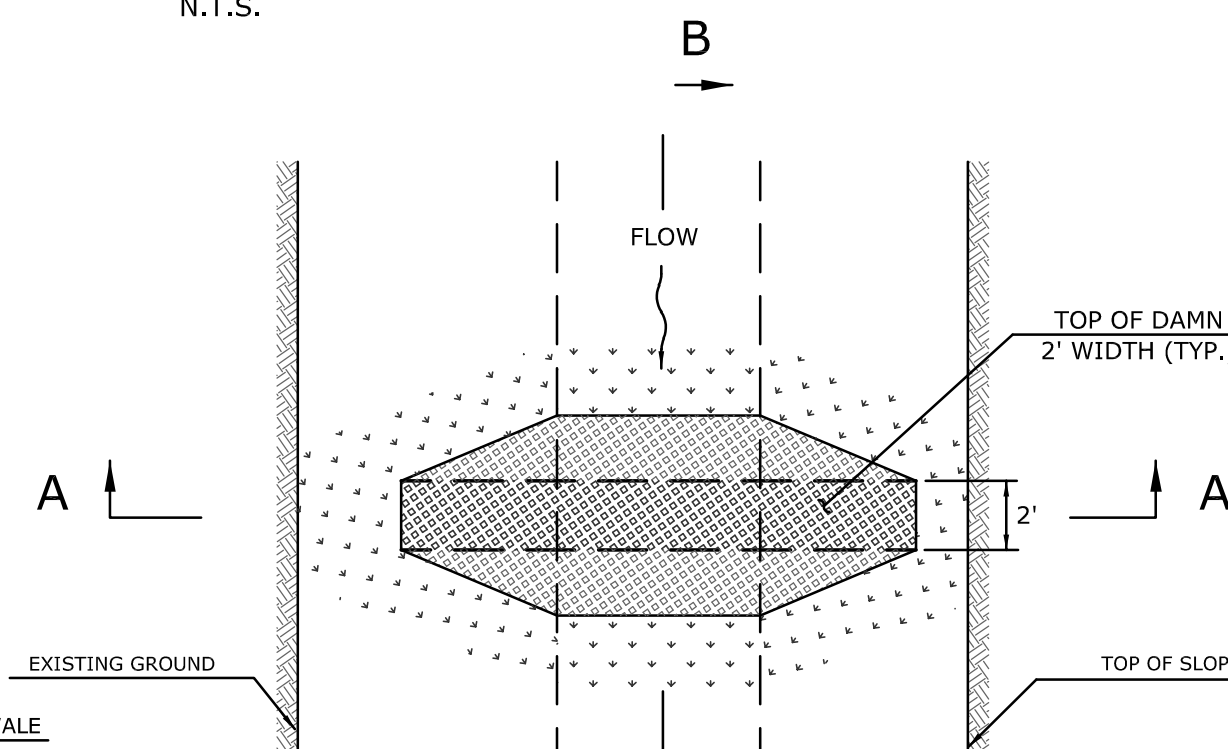
SECTION A



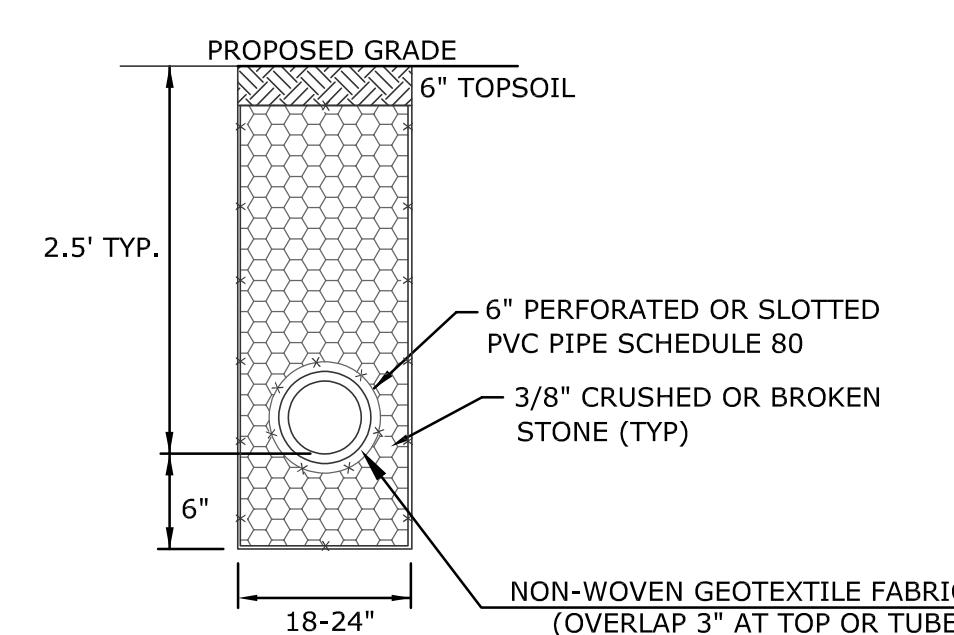
SECTION B

STONE CHECK DAM IN SWALE

N.T.S.

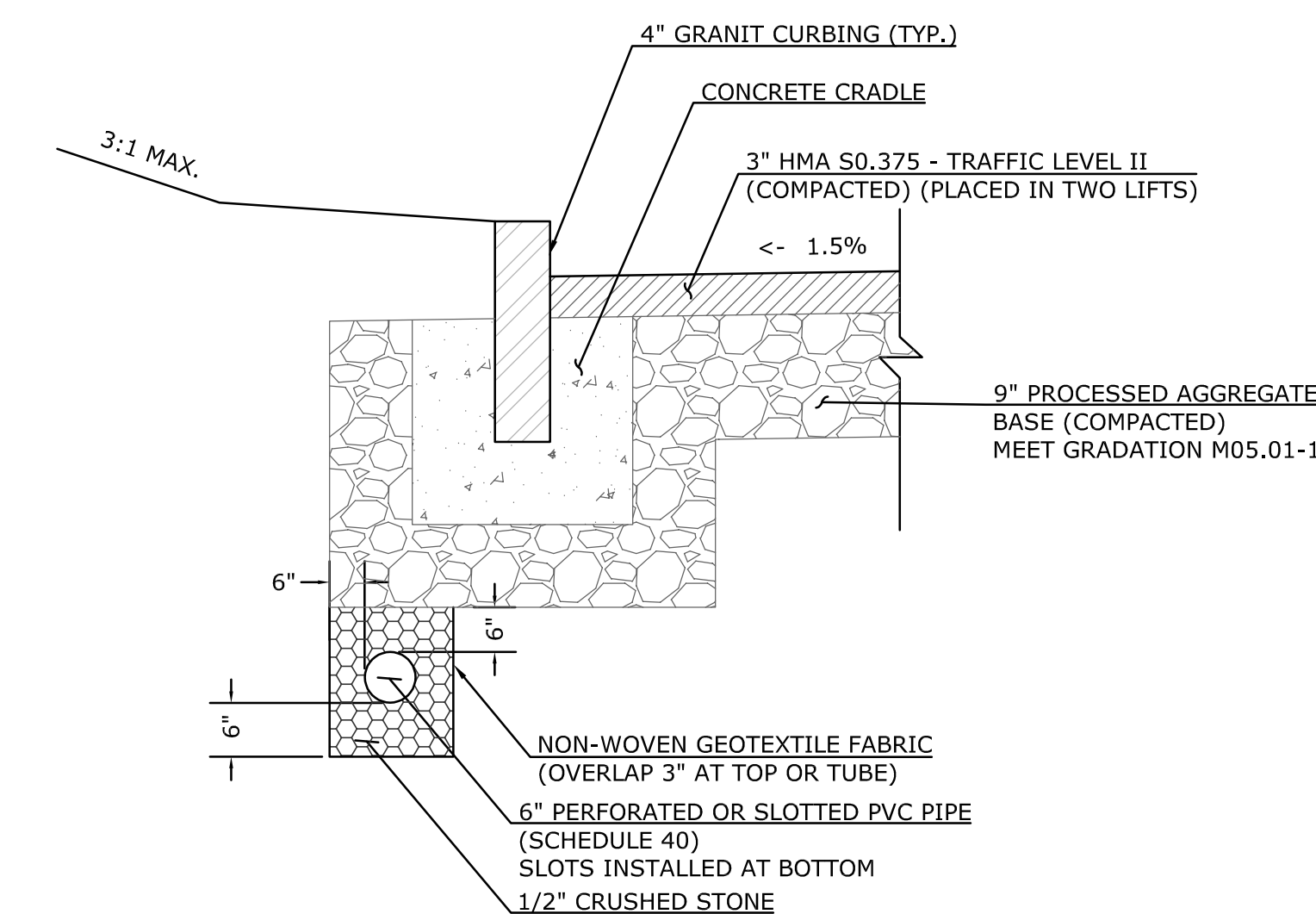


PLAN



UNDERDRAIN @ SWALE

N.T.S.



UNDERDRAIN @ PATH

N.T.S.

NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE  
N.T.S.



WENGELL, McDONNELL & COSTELLO  
87 HOLMES ROAD  
NEWINGTON, CT 06111  
(860) 667-9624

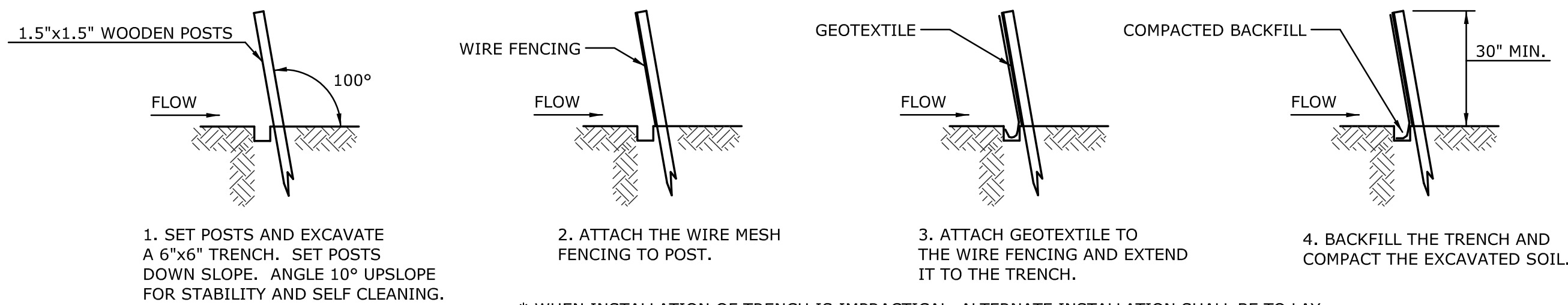
**PREPARED FOR**

SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**EROSION CONTROL DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

SIZE	PROJECT	FILE NAME	NUMBER	REV.
D	SALISBURY TUNNEL	24015_FD	24015.10	

SHEET  
EC-1.1

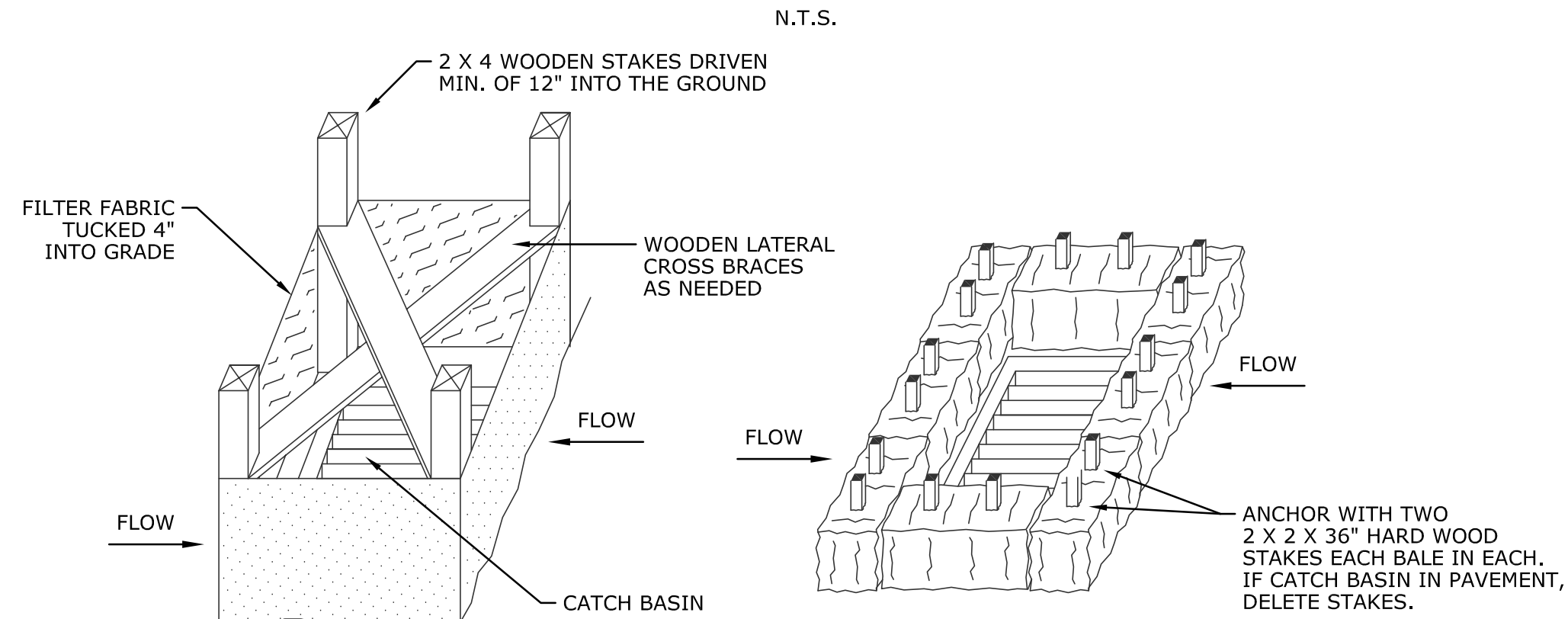


\* WHEN INSTALLATION OF TRENCH IS IMPRACTICAL, ALTERNATE INSTALLATION SHALL BE TO LAY 6" FLAP HORIZONTALLY ON GROUND AND BURY FLAP BY RAMP SOIL OR STONE UP TO CONTROL FENCE. DEPTH OF RAMP SHALL BE AS REQUIRED TO HOLD DOWN FLAP WITHOUT LEAKAGE UNDER CONTROL FENCE WHILE MAINTAINING MINIMUM HEIGHT.

**GEOTEXTILE FENCE SYSTEM**

REFER TO PAGE 5-11-35 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 55 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

**SEDIMENTATION CONTROL SYSTEM INSTALLATION**

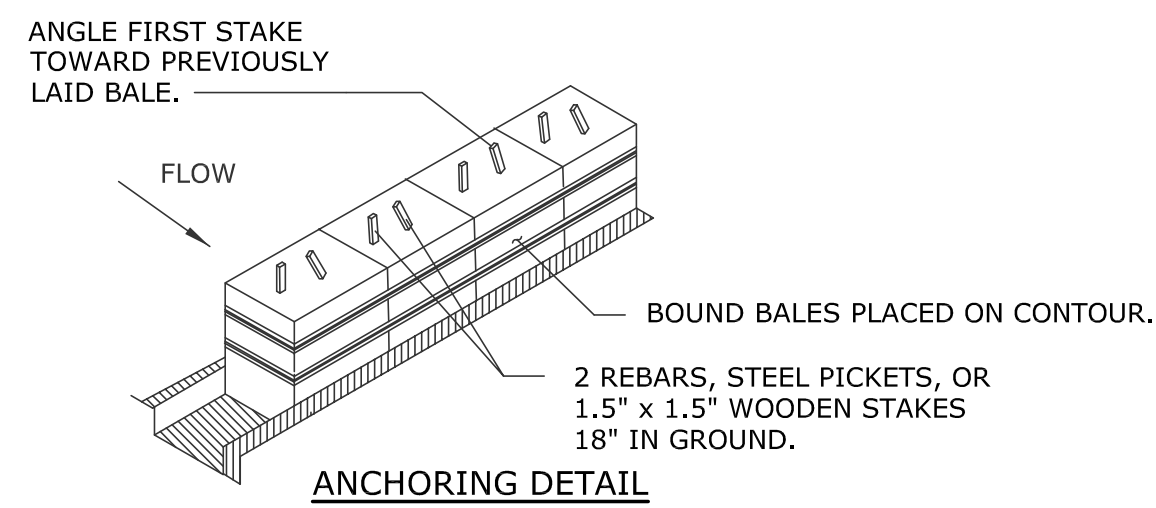


**NOTE:**

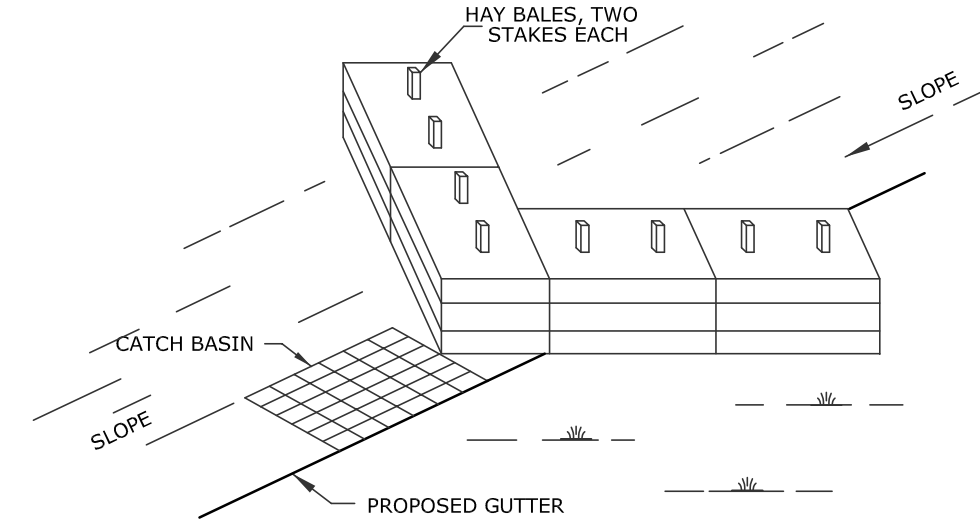
1. FILTER FABRIC SHALL BE MIRAFIT "SILT FENCE", EXXON GTF 180, AMOCO 1380 OR APPROVED EQUAL.

REFER TO PAGE 5-11-33 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 40 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

**SEDIMENTATION CONTROL DETAILS**



**ANCHORING DETAIL**



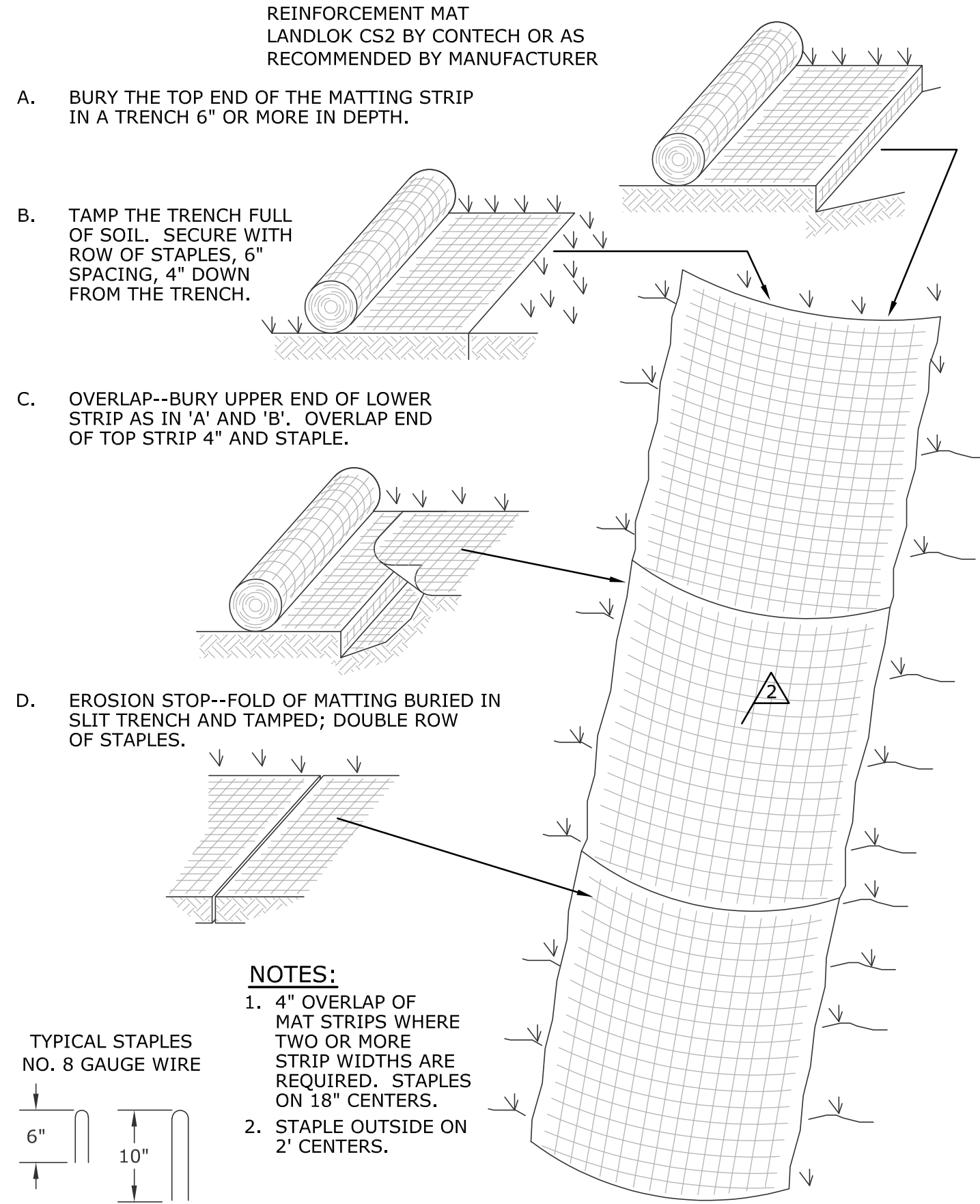
**HAY BALE CHECK**

**HAY BALE CONSTRUCTION SPECIFICATIONS:**

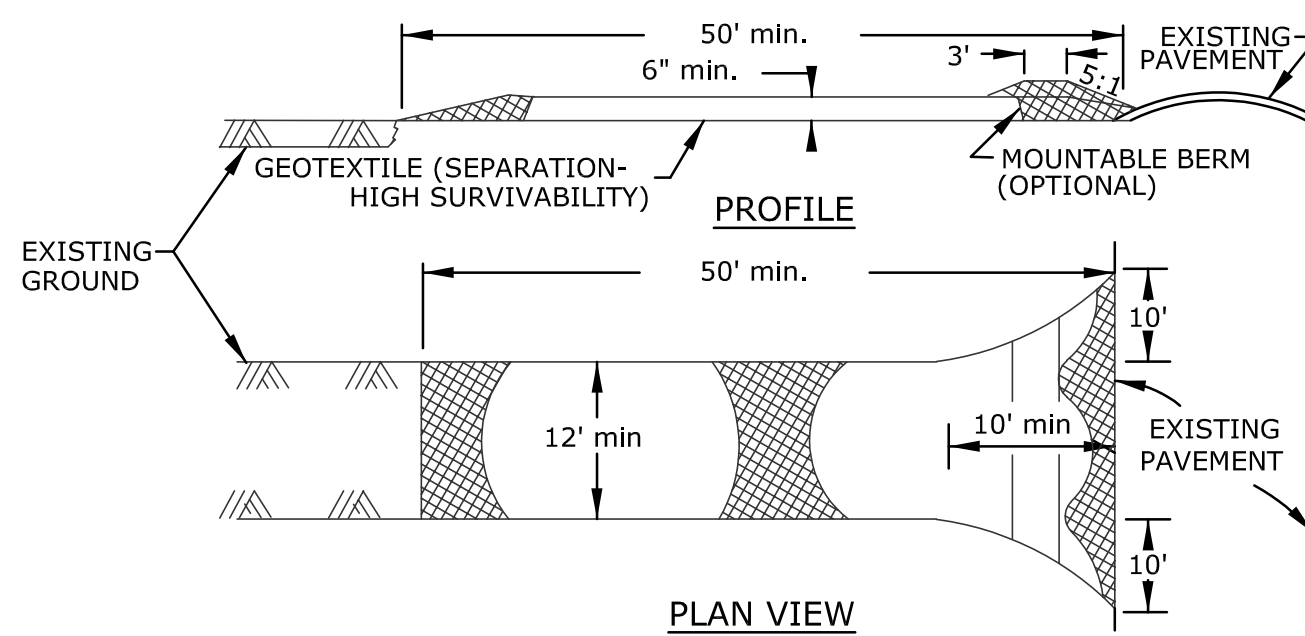
1. HAY BALES SHALL BE PLACED AROUND NEWLY INSTALLED CATCH BASINS IN SAGS AND DROP INLETS TO PREVENT SEDIMENTATION AND OTHER DEBRIS FROM ACCUMULATING ON THE GRATE OR IN THE SUMP. HAY BALES SHOULD BE KEPT CLEAN AND FREE OF DEBRIS TO FACILITATE FLOW.
2. EACH BALE SHALL BE EMBEDDED IN THE SOIL A MINIMUM OF 4", AND PLACED SO THE BINDINGS ARE HORIZONTAL.
3. BALES SHALL BE SECURELY ANCHORED IN PLACE BY EITHER TWO STAKES OR REBARS DRIVEN THROUGH THE BALE. THE FIRST STAKE SHALL BE DRIVEN TOWARD THE PREVIOUSLY LAID BALE AT AN ANGLE TO FORCE THE BALES TOGETHER. STAKES SHALL BE DRIVEN FLUSH WITH THE BALE.
4. INSPECTION SHALL BE FREQUENT AND REPAIR REPLACEMENT SHALL BE MADE PROMPTLY AS NEEDED.
5. BALES SHALL BE REMOVED WHEN THEY HAVE SERVED THEIR USEFULNESS SO AS NOT TO BLOCK OR IMPEDE STORM FLOW OR DRAINAGE.

REFER TO PAGE 5-11-30 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 53 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

**HAY BALE INSTALLATION**



**STEEP SLOPE TREATMENT DETAIL**



REFER TO PAGE 5-12-2 "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" AND PAGE 50 "ON-SITE MITIGATION FOR CONSTRUCTION ACTIVITIES".

**CONSTRUCTION SPECIFICATION:**

1. STONE SIZE - USE 2" STONE, OR RECLAIMED OR RECYCLED CONCRETE EQUIVALENT.
2. LENGTH - AS REQUIRED, BUT NOT LESS THAN 50 FT (EXCEPT ON A SINGLE RESIDENCE LOT WHERE A 30' MINIMUM LENGTH WOULD APPLY).
3. THICKNESS - NOT LESS THAN 6".
4. WIDTH - 12" MINIMUM, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS OR EGRESS OCCURS.
5. GEOTEXTILE - WILL BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING OF STONE. GEOTEXTILE WILL NOT BE REQUIRED ON A SINGLE FAMILY RESIDENCE LOT.
6. SURFACE WATER - ALL SURFACE WATER FLOWING OR DIVERTED TOWARD CONSTRUCTION ENTRANCES SHALL BE PIPED ACROSS THE ENTRANCE. IF PIPING IS IMPRACTICAL, A MOUNTABLE BERM WITH 5:1 SLOPES WILL BE PERMITTED.
7. MAINTENANCE - THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE PERIODIC TOP DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAYS MUST BE REMOVED IMMEDIATELY.
8. WASHING - WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SETTLING AREA SIZED TO HOLD THE VOLUME OF WATER USED DURING ANY 2-HOUR PERIOD.
9. PERIODIC INSPECTION AND NECESSARY MAINTENANCE SHALL BE PROVIDED AFTER EACH RAINFALL.

**ANTI-TRACKING PAD**

**GENERAL**

THIS PLAN PROPOSES EROSION CONTROL MEASURES TO HELP CONTROL ACCELERATED EROSION AND SEDIMENTATION AND REDUCE THE DANGER FROM STORM WATER RUNOFF AT THE SITE. THE RUNOFF SHALL BE CONTROLLED BY THE INTERCEPTION, DIVERSION, AND SAFE DISPOSAL OF PRECIPITATION. RUNOFF SHALL ALSO BE CONTROLLED BY STAGING CONSTRUCTION ACTIVITY AND PRESERVING NATURAL VEGETATION WHENEVER POSSIBLE. EXISTING VEGETATION SHALL BE PROTECTED AND ONLY THAT CLEARING AND GRUBBING ABSOLUTELY NECESSARY FOR THE PROPOSED CONSTRUCTION SHALL BE PERFORMED. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CONTOUR, UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE SPECIAL CARE WITH HIS CONSTRUCTION METHODS AND SHALL COMPLY WITH THE FOLLOWING GUIDELINES. REFERENCE IS MADE TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" (2024), AS AMENDED. THE GUIDELINES ARE OBTAINABLE FROM THE CONNECTICUT DEPARTMENT OF ENERGY AND ENVIRONMENTAL PROTECTION, 79 ELM STREET, HARTFORD, CONNECTICUT 06106, AND SHOULD BE USED AS A REFERENCE IN CONSTRUCTING THE EROSION AND SEDIMENTATION CONTROLS.

- AREA OF DISTURBANCE = 2.5± ACRES
- CONSTRUCTION ANTICIPATED TO START MID MAY AND BE COMPLETED SEPTEMBER 2026
- SCOTT DAYTON 203-228-6727 SHALL BE THE EMERGENCY CONTACT PERSON RESPONSIBLE FOR EROSION CONTROL MEASURES.

**EROSION CONTROL**

ALL AREAS SHALL BE PROTECTED FROM EROSION DURING AND AFTER CONSTRUCTION, PARTICULARLY THE STORAGE OF EXCAVATED OR STOCKPILED MATERIAL. THE CONTRACTOR SHALL CAREFULLY STRIP ALL TOPSOIL, LOAM, OR ORGANIC MATTER PRIOR TO TRENCHING OR OTHER OPERATIONS AND SHALL STORE THEM SEPARATELY FROM ALL OTHER MATERIALS DURING EXCAVATION. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENTATION CONTROL SYSTEM (I.E. HAY BALES AND/OR GEOTEXTILE FENCE). DEBRIS AND OTHER WASTE RESULTING FROM EQUIPMENT MAINTENANCE AND CONSTRUCTION WILL NOT BE DISCARDED ON SITE. STABILIZING OF SLOPES SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION OF SLOPES. SLOPES STEEPER THAN 3:1 SHALL BE PROTECTED WITH EROSION CONTROL MATTING. THIS MATTING IS MANUFACTURED COMBINATIONS OF MULCH AND NETTING AND SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. ALL OTHER AREAS SHALL BE MULCHED WITH HAY OR STRAW AT A RATE OF 2 TO 3 TONS PER ACRE. STRAW OR HAY MULCH MUST BE ANCHORED IMMEDIATELY AFTER SPREADING TO PREVENT WINDBLOWING. THE METHODS RECOMMENDED BY THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL" SHALL BE USED FOR THE ANCHORING OF MULCH OR NETTING.

**EROSION AND SEDIMENTATION CONTROL PLAN**

AN EROSION AND SEDIMENTATION CONTROL PLAN MUST BE SUBMITTED IN WRITING TO THE ENGINEER AND APPROVED BY THE ENGINEER PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION ACTIVITIES. SEDIMENTATION CONTROL SYSTEM - THE SEDIMENTATION CONTROL SYSTEM SHALL CONSIST OF A GEOTEXTILE BARRIER FENCE. THE SEDIMENTATION CONTROL SYSTEM SHALL BE INSTALLED IMMEDIATELY AFTER A CUT SLOPE HAS BEEN GRADED, BEFORE A FILL SLOPE HAS BEEN CREATED AND AS INDICATED ON THE PLANS. THE SYSTEM IS DESIGNED TO INTERCEPT SILT AND SEDIMENT BEFORE IT REACHES THE WETLANDS OR WATERCOURSES. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE FENCE. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. THE SEDIMENTATION CONTROL SYSTEM IS TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE FENCE ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

STACKED HAY BALES - HAY OR STRAW BALES USED FOR EROSION CONTROL SHALL BE STACKED AT CATCH BASINS WHERE SEDIMENT MAY ENTER THE CATCH BASIN OR AS DIRECTED BY THE ENGINEER. DEPOSITS OF SEDIMENT AND SILT ARE TO BE PERIODICALLY REMOVED FROM THE UPSTREAM SIDE OF THE EROSION CHECKS. THIS MATERIAL IS TO BE SPREAD AND STABILIZED IN AREAS NOT SUBJECT TO EROSION, OR IN AREAS WHICH ARE NOT TO BE PAVED OR BUILT ON. HAY OR STRAW BALES ARE TO BE REPLACED AS NECESSARY TO PROVIDE PROPER FILTERING ACTION. THE SYSTEM IS TO REMAIN IN PLACE AND BE MAINTAINED TO INSURE EFFICIENT SILTATION CONTROL UNTIL ALL AREAS ABOVE THE EROSION CHECKS ARE STABILIZED AND VEGETATION HAS BEEN ESTABLISHED.

IN ALL AREAS, REMOVAL OF TREES, BUSHES, AND OTHER VEGETATION, AND DISTURBANCE OF THE SOIL, IS TO BE KEPT TO AN ABSOLUTE MINIMUM WHILE ALLOWING PROPER DEVELOPMENT OF THE SITE.

DURING CONSTRUCTION, AS SMALL AN AREA OF SOIL AS POSSIBLE SHOULD BE EXPOSED FOR AS SHORT A TIME AS POSSIBLE. AFTER CONSTRUCTION, GRADE, RESPREAD TOPSOIL, AND STABILIZE SOIL BY SEEDING AND MULCHING AS TO PREVENT EROSION.

**EROSION AND SEDIMENTATION CONTROL MAINTENANCE PROCEDURES**

ALL EROSION AND SEDIMENTATION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A DAILY BASIS AND FOLLOWING ALL STORMS BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE ENGINEER. THIS WORK SHALL BE PERFORMED WITHIN 24 HOURS OF THE REQUEST AND THERE SHALL BE NO SEPARATE PAYMENT FOR THIS WORK.

THE CONTRACTOR SHALL CLEAN SEDIMENT AND DEBRIS FROM ALL DRAINAGE STRUCTURES, AND PIPES AT THE COMPLETION OF CONSTRUCTION, AND AS REQUESTED BY THE ENGINEER TO KEEP THE SYSTEM FUNCTIONING PROPERLY DURING CONSTRUCTION.

FOLLOWING COMPLETION OF CONSTRUCTION, THE CONTRACTOR SHALL REPAIR ALL ERODED AREAS AND ENSURE A GOOD STAND OF TURF IS ESTABLISHED THROUGHOUT. THE CONTRACTOR SHALL REPAIR ALL ERODED OR DISPLACED RIPRAP, AND CLEAN SEDIMENT COVERED STONES.

ALL APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE ESTABLISHED PRIOR TO AND BE MAINTAINED THROUGH ALL CONSTRUCTION PHASES.

**WETLAND IMPACTS & DISTURBANCE**

EQUIPMENT OPERATING IN WETLANDS: OPERATION OF EQUIPMENT IN WETLAND AREAS IS GENERALLY NOT ALLOWED AND MUST BE APPROVED IN ADVANCE. ANY EQUIPMENT OPERATING IN WETLAND AREAS SHALL BE LOW GROUND PRESSURE (LESS THAN 3 PSI) OR SHALL BE SET ON TEMPORARY FILL OR MATTING. TEMPORARY FILL, TIMBER MATTING OR OTHER MATTING MUST BE APPROVED IN ADVANCE AND WILL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE GENERAL COST OF OTHER RELATED WORK ITEMS.

TEMPORARY FILL: PLACEMENT OF TEMPORARY FILL (SOIL, RIP RAP, ETC.) IN WETLAND AREAS THAT IS NOT SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS IS GENERALLY NOT ALLOWED AND MUST BE APPROVED IN ADVANCE. ANY TEMPORARY FILL APPROVED FOR PLACEMENT, SHALL BE PLACED ON GEOTEXTILE LAID ON THE PRE-CONSTRUCTION WETLAND GRADE. UNCONFINED TEMPORARY FILL THAT IS PLACED IN FLOWING WATER SHALL BE ONLY CLEAN WASHED STONE.

WETLAND DISTURBANCE: ONLY THOSE WETLAND AREAS SPECIFICALLY SHOWN ON THE CONTRACT DRAWINGS OR INCLUDED IN APPROVED PERMITS TO BE DISTURBED, OR ADDITIONAL AREAS SPECIFICALLY APPROVED AS ABSOLUTELY NECESSARY TO COMPLETE THE PROPOSED WORK, SHALL BE DISTURBED.

WETLAND & WETLAND FRINGE AREA RESTORATION: ALL DISTURBED WETLAND AND WETLAND FRINGE AREAS SHALL BE RESTORED WITH A WETLAND SEED MIX OR WETLAND TRANSITIONAL SEED MIX CONTAINING ONLY SPECIES NATIVE TO CONNECTICUT. ALL SEED MIX FOR WETLAND OR WETLAND FRINGE (TRANSITIONAL) AREAS MUST BE SUBMITTED AND APPROVED IN ADVANCE. THIS WORK SHALL NOT BE PAID SEPARATELY, BUT SHALL BE INCLUDED IN THE GENERAL COST OF OTHER RELATED WORK ITEMS.

NO.	DATE	DESCRIPTION
1	01/29/26	ADDENDUM 1 - 150 FT UPLAND REVIEW AREA
2	03/23/26	REVISIONS PER TOWN ENGINEER COMMENTS

SUPV.	S.R.M.
DESIGN	R.E.B.
DRAWN	R.E.B.
CHECKED	S.R.M.
DATE	01/05/2026

**CONSTRUCTION DOCUMENTS**

SCALE N.T.S.

**WMC**  
CONSULTING ENGINEERS  
WENGELL, McDONNELL & COSTELLO  
87 HOLMES ROAD  
NEWINGTON, CT 06111  
(860) 667-9624

**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**EROSION CONTROL NOTES & DETAILS**  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY

D	- SALISBURY TUNNEL -	24015_FD	24015.10	-	SHEET
SIZE	PROJECT	FILE NAME	NUMBER	REV.	EC-2.1

Jaime Lloret DRILLER Keegan Elder INSPECTOR		TEST BORING REPORT ASSOCIATED BORINGS CO., INC. 119 MARGARET CIRCLE, NAUGATUCK, CT 06770 Tel (203) 729-5435 Fax (203) 729-5116				SHEET 1 OF 1											
SOILS ENGINEER		PROJECT NAME: Salisbury School Tunnel				CME-45B DRILLING EQUIPMENT WMC Consulting Engineers CLIENT											
Surface Elevation:		LOCATION: Salisbury, Connecticut															
Date Started: 5/7/2024		Auger		Casing		Sampler											
Date Finished: 5/7/2024		HSA		NQ-2		Core Bar											
Groundwater Observations		Size I. D. 2 1/2 in		2 in		Offset											
AT 5 'AFTER 0 HRS		Hammer		140 lb		Bit											
AT 'AFTER HRS		Fall		30 in		E. Coordinate											
D E P T H	Casing blows per foot	SAMPLE				BLOWS PER 6 INCHES ON SAMPLER				STRATA CHANGE: DEPTH, ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)						
		DEPTH IN FEET FROM - TO	NO.	PEN. INCH	REC. INCH	TYPE	0-6	6-12	12-18			18-24					
										0.6	Topsoil						
											Br. Gr. M-F Sand, Some Silt, Tr. C-F Gravel						
5		5.0 - 7.0	1	24	14	D	1	2	1	1							
10		10.0 - 12.0	2	24	16	D	3	4	8	9	10						
15		15.0 - 16.5	3	6	12	D	19	30	26	29							
20		20.0 - 22.0	4	24	16	D	11	20	29	35							
25		25.0 - 27.0	5	24	4	D	6	17	23	25							
30		30.0 - 31.5	6	18	10	D	19	46	50	X							
35																	
40																	
From Ground Surface to											Feet Used	Inch Casing Then	Inch Casing For	Feet			
Footage in Earth											31.5	Footage in Rock	0.0	No. of Samples	6	Hole No.	B-1
SAMPLE TYPE CODING:		D = DRIVEN		C = CORE		A = AUGER		UP = UNDISTURBED PISTON									
PROPORTIONS USED:		TRACE = 1-10%		LITTLE = 10-20%		SOME = 20-35%		AND = 35-50%									

**B-1**  
STATION=13+17.5±  
OFFSET=18.8' R  
ELEV. 960.1±

Jaime Lloret DRILLER Keegan Elder INSPECTOR		TEST BORING REPORT ASSOCIATED BORINGS CO., INC. 119 MARGARET CIRCLE, NAUGATUCK, CT 06770 Tel (203) 729-5435 Fax (203) 729-5116				SHEET 1 OF 1											
SOILS ENGINEER		PROJECT NAME: Salisbury School Tunnel				CME-45B DRILLING EQUIPMENT WMC Consulting Engineers CLIENT											
Surface Elevation:		LOCATION: Salisbury, Connecticut															
Date Started: 5/7/2024		Auger		Casing		Sampler											
Date Finished: 5/7/2024		HSA		NQ-2		Core Bar											
Groundwater Observations		Size I. D. 2 1/2 in		2 in		Offset											
AT 5 'AFTER 0 HRS		Hammer		140 lb		Bit											
AT 'AFTER HRS		Fall		30 in		E. Coordinate											
D E P T H	Casing blows per foot	SAMPLE				BLOWS PER 6 INCHES ON SAMPLER				STRATA CHANGE: DEPTH, ELEV.	FIELD IDENTIFICATION OF SOIL, REMARKS (INCL. COLOR, LOSS OF WASH WATER, ETC.)						
		DEPTH IN FEET FROM - TO	NO.	PEN. INCH	REC. INCH	TYPE	0-6	6-12	12-18			18-24					
											0.6	Topsoil					
												Br. Gr. M-F Sand, Some Silt, Tr. C-F Gravel					
5		5.0 - 7.0	1	24	10	D	1	3	4	4							
10		10.0 - 12.0	2	24	15	D	13	20	29	33	10						
15		15.0 - 16.5	3	6	4	D	50	X	X	X							
20		20.0 - 21.5	4	18	10	D	13	20	50	X							
25		25.0 - 27.0	5	24	12	D	19	30	38	42							
30		30.0 - 31.5	6	18	12	D	14	41	50	X							
35																	
40																	
From Ground Surface to											Feet Used	Inch Casing Then	Inch Casing For	Feet			
Footage in Earth											31.5	Footage in Rock	0.0	No. of Samples	6	Hole No.	B-2
SAMPLE TYPE CODING:		D = DRIVEN		C = CORE		A = AUGER		UP = UNDISTURBED PISTON									
PROPORTIONS USED:		TRACE = 1-10%		LITTLE = 10-20%		SOME = 20-35%		AND = 35-50%									

**B-2**  
STATION=13+19±  
OFFSET=20.8' L  
ELEV. 960.1±

SUPV.	S.R.M.	
DESIGN	R.E.B.	
DRAWN	R.E.B.	
CHECKED	S.R.M.	
DATE	01/05/2026	
NO.	DATE	DESCRIPTION
<b>REVISIONS</b>		

**CONSTRUCTION  
DOCUMENTS**

SCALE  
N.T.S.



**PREPARED FOR**  
SALISBURY SCHOOL  
251 CANAAN ROAD  
SALISBURY, CT 06068

**BORING LOGS  
SALISBURY SCHOOL PEDESTRIAN TUNNEL  
251 CANAAN ROAD (RT 44), SALISBURY**

D - SALISBURY TUNNEL - 24015\_FD - 24015.10 -  
SIZE PROJECT FILE NAME NUMBER REV.

SHEET  
B-1.1