



Stantec Consulting Services Inc.
55 Church Street, Suite 601
New Haven, CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Town of Monroe, CT

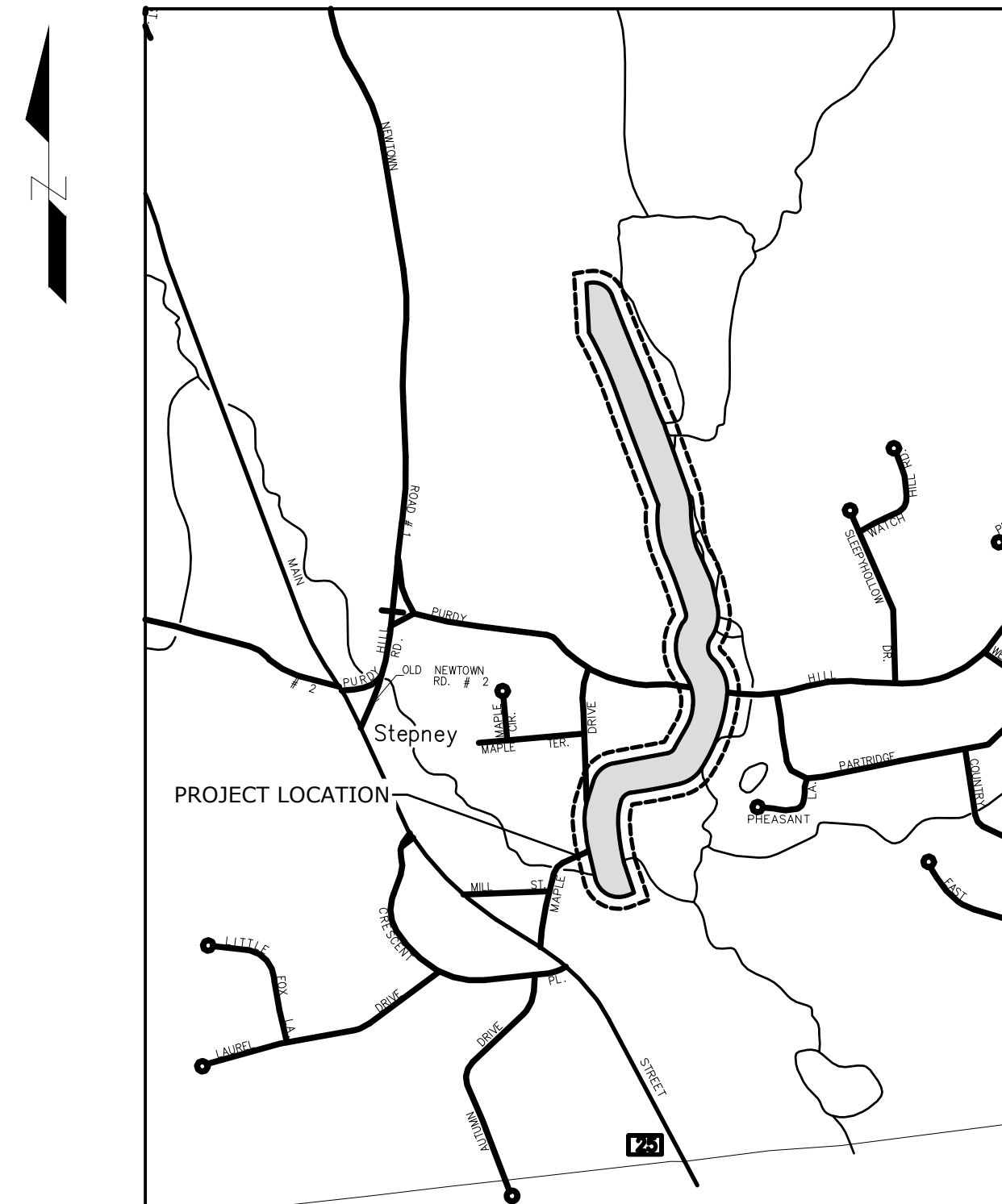


Housatonic Valley Rail-Trail Section II and III

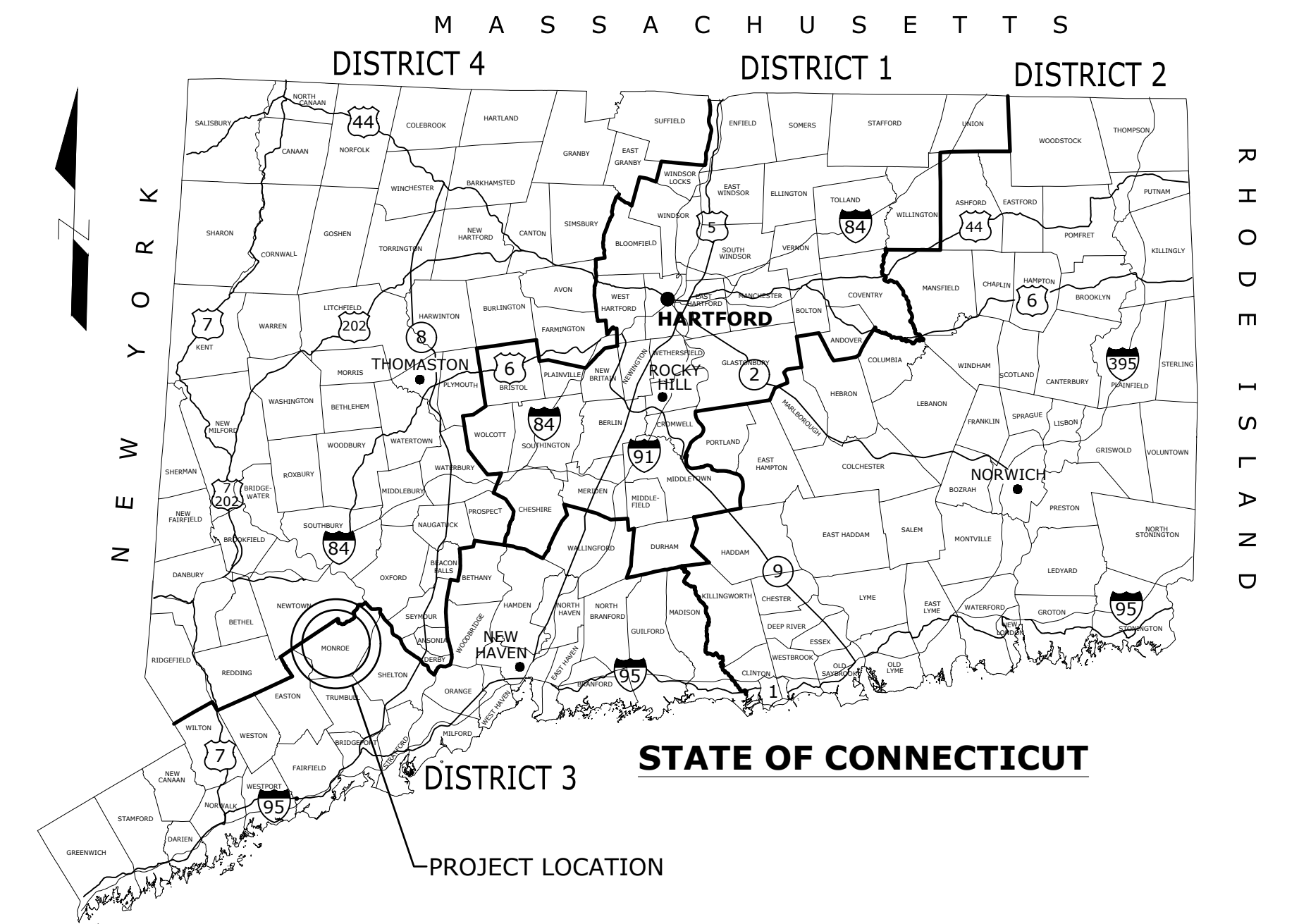
TO BE MAINTAINED BY THE TOWN OF MONROE
LOTICIP PROJECT NO. L084-0001
TOWN PROJECT NO. 2020-65

First Selectman: Terrence Rooney
Town Engineer: James DiMeo, P.E.
Director of Public Works: Chris Nowacki
Director of Parks and Recreation: Missy Orosz

CONSTRUCTION DOCUMENTS
2025.02.27



LOCATION PLAN
NOT TO SCALE

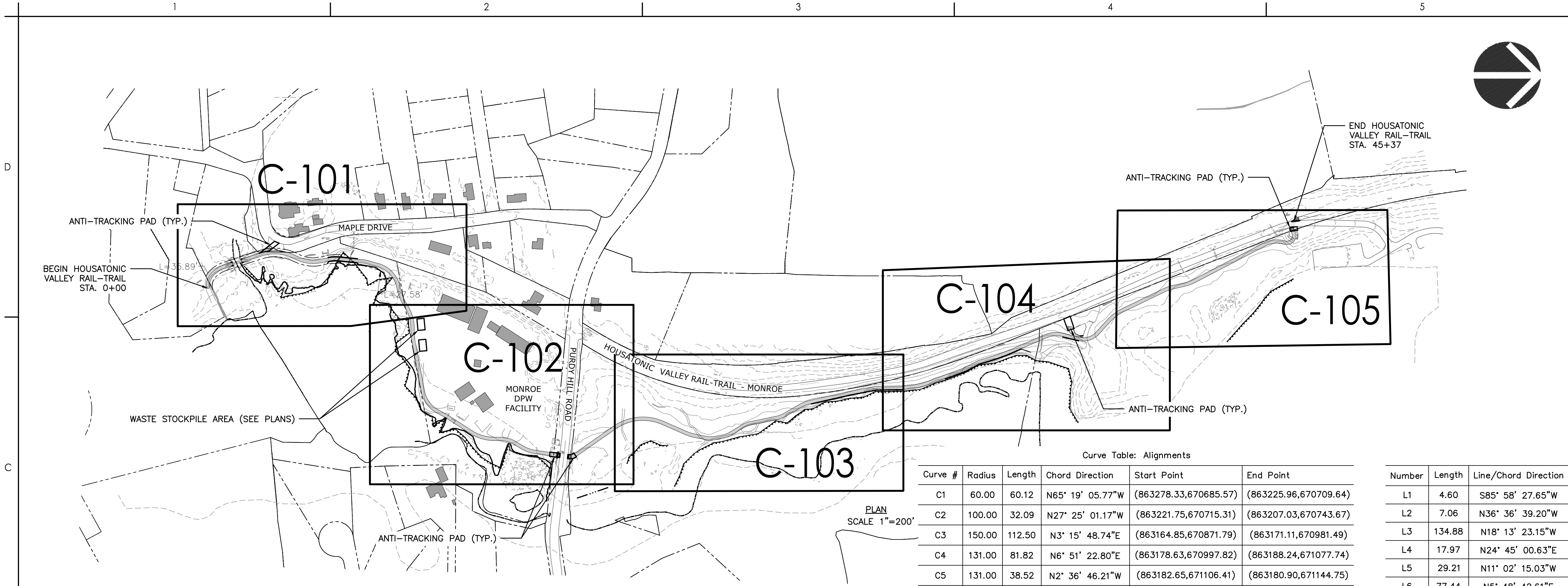


LIST OF DRAWINGS

C-100	OVERALL TRAIL INDEX
C-101-105	TRAIL PLANS
C-201-205	TRAIL PROFILES
C-301	SOIL EROSION & SEDIMENTATION CONTROL DETAILS
C-302-305	TYPICAL SECTIONS AND DETAILS
C-402-406	TRAIL SECTIONS
C-500	SITE PLAN SHOWING AEOCs AND LLAOECs
C-501	WASTE STOCKPILE AREA DETAILS AND LAYOUT PLAN

NOTES:

1. THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION'S FORM 818 STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, 2020 (OR LATEST EDITION), AND LATEST SUPPLEMENTS ARE HEREBY INCLUDED AS THE BASIS FOR SPECIFICATIONS FOR THIS PROJECT, SUPPLEMENTED, REVISED OR AMENDED AS NOTED ON THE CONTRACT DOCUMENTS, DRAWINGS AND/OR SPECIFICATIONS.
2. SURVEY DATUMS: HORIZONTAL - NAD 1983; VERTICAL - NAVD 88.



UTILITY NOTES:

1. THE LOCATIONS, SIZE, AND TYPES OF EXISTING UTILITIES ARE SHOWN AS AN APPROXIMATE REPRESENTATION ONLY. THE OWNER OR IT'S REPRESENTATIVES HAVE NOT INDEPENDENTLY VERIFIED THIS INFORMATION AS SHOWN ON THE PLANS. THE UTILITY INFORMATION SHOWN DOES NOT GUARANTEE THE ACTUAL EXISTENCE, DEPTH, LOCATION, OR CONDITION. THE INFORMATION SHOWN DOES NOT GUARANTEE AGAINST THE POSSIBILITY THAT ADDITIONAL UTILITIES MAY BE PRESENT THAT ARE NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL VERIFY AND DETERMINE THE EXACTLY LOCATIONS, SIZES, ELEVATIONS, OF EXISTING UTILITIES AND CONFIRM THAT NO INTERFERENCES ARE PRESENT PRIOR TO ORDERING MATERIALS FOR CONSTRUCTION.
2. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AND THE ENGINEER PRIOR TO THE START OF WORK, AS STATED IN THE NOTICE TO CONTRACTOR – REPRESENTATIVES MUST BE ON SITE FOR ALL EXCAVATIONS NEAR THEIR RESPECTIVE UTILITIES.
3. CONTRACTOR SHALL HAND DIG AROUND EXISTING UTILITIES AS REQUIRED BY THE UTILITY COMPANIES AND APPLICABLE LAWS AND REGULATIONS.
4. ALL UTILITY MARKERS MUST NOT BE MOVED, HIT OR RELOCATED BY CONSTRUCTION ACTIVITIES. IF THE SITUATION REQUIRES RESETING OF UTILITY MARKERS. IT SHALL BE PERFORMED UNDER PRESENCE AND SUPERVISION OF THE RESPECTIVE UTILITY. THERE WILL BE NO SEPARATE PAYMENT FOR THIS WORK.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO CONFIRM AND COORDINATE WITH ALL UTILITY COMPANIES (WATER, SEWER, ELECTRICAL, ETC.) FOR CONNECTIONS AND OR RELOCATIONS TO EXISTING SERVICES.

GENERAL NOTES:

1. THE CONTRACTOR SHALL PROTECT ALL EXISTING OBJECTS WITHIN AND ADJACENT TO THE CONSTRUCTION SITE. ANY DAMAGE CAUSED BY CONSTRUCTION SHALL BE REPORTED IMMEDIATELY. IT S THE CONTRACTOR'S RESPONSIBILITY TO REPAIR ALL DAMAGE CAUSED AT NO ADDITIONAL COST TO THE OWNER.
2. THE BASE MAPPING SHOWN ON THIS SHEET WAS COMPILED FROM FIELD SURVEY (BY MARTIN SURVEYING ASSOCIATES, LLC DATED 05/04/2021) AND G.I.S. INFORMATION WAS USED TO SUPPLEMENT FIELD SURVEY IN AREA OUTSIDE OF THE LIMIT OF WORK. CONTRACTOR SHALL INSPECT THE SITE CONDITIONS PRIOR TO CONSTRUCTION AND REPORT AND DISCREPANCIES FOUND TO THE OWNER OR THE OWNER'S REPRESENTATIVE.
3. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY EXISTING CONDITIONS. IF THERE ARE ANY DISCREPANCIES, THE CONTRACTOR SHALL NOTIFY THE ENGINEER.
4. ALL AREAS DISTURBED BY CONSTRUCTION SHALL BE TOPSOILED AND SEEDED (SEE SPECIFICATIONS). THE INTENT IS TO REUSE EXISTING TOPSOIL FROM THE PROJECT FOR ALL DISTURBED / SEEDED AREAS
5. THE CONTRACTOR SHALL STAKE OUT THE CENTERLINE OF THE TRAIL (VERTICALLY & HORIZONTALLY) PRIOR TO CLEARING/CONSTRUCTION FOR REVIEW AND APPROVAL BY ENGINEER.
6. ALL TREES WITHIN THE LIMIT OF GRADING SHALL BE REMOVED ALONG WITH ALL STUMPS. FILL VOIDS CREATED WITH SUITABLE ON-SITE MATERIAL OR APPROVED FILL AND PROVIDE TOPSOIL /SEEDMIX TO RESTORE AREA. ADDITIONAL TREES TO BE REMOVED ARE NOTED ON PLANS AS SUCH. THE REMOVAL OF THESE MARKED TREES SHALL BE INCLUDED IN THE CLEARING AND GRUBBING ITEM. MARK TREES TO BE REMOVED WHICH ARE GREATER THAN 6" AND CONTACT TOWN/ENGINEER PRIOR TO REMOVAL.
7. CONTRACTOR SHALL COMPACT MATERIALS AT 6" LIFTS (MAX.) USING A VIBRATORY ROLLER OR SIMILAR. MATERIALS SHALL BE MOIST TO AID IN COMPACTION. WATER MAY NEED TO BE ADDED TO THE MATERIALS PRIOR TO OR DURING COMPACTION.
8. CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS OF WETLANDS PERMIT. SEE SPECS FOR PERMIT.
9. CONTRACTOR IS RESPONSIBLE FOR PREVENTING EROSION AND DAMAGE AT TRAIL AND SURROUNDING ERODIBLE AREAS UNTIL ALL AREAS ARE FULLY STABILIZED AND APPROVED. THIS MAY INCLUDE THE USE OF TEMPORARY SEEDING, MATTING, MULCH, STRAW OR OTHER MEASURES TO PROTECT WORK IN PROGRESS (IN ACCORDANCE WITH THE 2002 CT SEDIMENT AND EROSION CONTROL GUIDELINES). CONTRACTOR TO OBSERVE THE WEATHER PATTERNS FOR POTENTIAL RAINFALL/STORMS THAT MAY CAUSE DAMAGE TO THE PROJECT AREAS AND IMPLEMENT MEASURES AS NECESSARY. ANY EROSION OR DAMAGE TO SLOPES, TRAIL SUBGRADE, TOPSOIL, FINISHED SURFACE OR LAWN/SEEDING AREAS SHALL BE REPAIRED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE PROJECT. THE TOWN/ENGINEER MAY REQUIRE ADDITIONAL MEASURES BE TAKEN AT THE PROJECT TO PROTECT THE WORK OR ENVIRONMENTAL RESOURCES AT OR NEAR THE PROJECT LIMITS
10. AUTOCAD FILES WILL BE PROVIDED TO CONTRACTOR PRIOR TO CONSTRUCTION

Curve Table: Alignments					
Curve #	Radius	Length	Chord Direction	Start Point	End Point
C1	60.00	60.12	N65° 19' 05.77"W	(863278.33,670685.57)	(863225.96,670709.64)
C2	100.00	32.09	N27° 25' 01.17"W	(863221.75,670715.31)	(863207.03,670743.67)
C3	150.00	112.50	N3° 15' 48.74"E	(863164.85,670871.79)	(863171.11,670981.49)
C4	131.00	81.82	N6° 51' 22.80"E	(863178.63,670997.82)	(863188.24,671077.74)
C5	131.00	38.52	N2° 36' 46.21"W	(863182.65,671106.41)	(863180.90,671144.75)
C6	150.00	26.15	N10° 48' 22.71"E	(863188.74,671221.79)	(863193.64,671247.45)
C7	100.00	105.69	N46° 04' 47.41"E	(863202.73,671279.58)	(863275.37,671349.53)
C8	150.00	45.70	N67° 37' 48.11"E	(863293.44,671353.91)	(863335.54,671371.24)
C9	150.00	78.11	N73° 49' 05.60"E	(863347.25,671378.30)	(863421.41,671399.82)
C10	200.00	32.45	N84° 05' 12.07"E	(863436.49,671400.16)	(863468.74,671403.50)
C11	100.00	88.59	N54° 03' 31.16"E	(863643.14,671436.02)	(863712.54,671486.33)
C12	150.00	10.76	N30° 44' 02.31"E	(863727.57,671513.80)	(863733.07,671523.05)
C13	150.00	83.66	N16° 48' 36.44"E	(863785.22,671604.01)	(863809.10,671683.06)
C14	100.00	52.86	N15° 58' 31.26"E	(863809.46,671707.70)	(863823.84,671757.93)
C15	125.00	50.34	N19° 34' 53.18"E	(863838.17,671781.66)	(863854.92,671828.77)
C16	30.00	22.51	N13° 27' 15.12"W	(863871.41,671945.40)	(863866.29,671966.78)
C17	175.00	178.98	N5° 39' 09.96"W	(863770.36,672104.04)	(863753.48,672274.48)
C18	150.00	32.76	N17° 23' 25.70"E	(863788.63,672354.75)	(863798.40,672385.95)
C19	90.00	34.74	N0° 04' 35.07"E	(863805.98,672424.44)	(863806.02,672458.96)
C20	100.00	36.12	N21° 19' 45.59"W	(863801.76,672480.93)	(863788.69,672514.39)
C21	100.00	34.86	N21° 41' 29.32"W	(863767.39,672548.92)	(863754.57,672581.14)
C22	100.00	31.98	N20° 52' 07.12"W	(863736.03,672670.62)	(863724.69,672700.38)
C23	150.00	45.18	N21° 24' 07.78"W	(863696.26,672749.55)	(863679.83,672791.46)
C24	200.00	7.01	N11° 46' 09.40"W	(863649.69,672924.41)	(863648.26,672931.27)
C25	66.00	11.36	N5° 50' 07.23"W	(863632.67,673013.27)	(863631.52,673024.55)
C26	300.00	101.36	N10° 35' 04.84"W	(863630.20,673107.83)	(863611.67,673207.00)
C27	100.00	11.94	N23° 41' 01.67"W	(863569.76,673320.52)	(863564.97,673331.44)
C28	75.00	12.77	N22° 13' 36.69"W	(863544.42,673371.60)	(863539.59,673383.40)
C29	500.00	51.32	N20° 17' 26.99"W	(863523.76,673434.10)	(863505.97,673482.21)
C30	100.00	64.11	N4° 51' 51.44"W	(863451.48,673609.15)	(863446.13,673671.94)
C31	65.00	69.22	N17° 00' 18.54"W	(863459.66,673728.25)	(863440.36,673791.36)
C32	175.00	66.47	N36° 37' 52.28"W	(863397.58,673830.54)	(863358.15,673883.57)
C33	150.00	34.44	N19° 10' 21.41"W	(863290.35,674024.14)	(863279.06,674056.60)
C34	150.00	39.04	N20° 03' 08.05"W	(863270.59,674094.54)	(863257.24,674131.12)
C35	100.00	66.86	N8° 21' 14.92"W	(863131.36,674372.84)	(863121.82,674437.77)
C36	25.00	55.19	N52° 26' 53.00"W	(863124.01,674449.24)	(863088.61,674476.46)

Number	Length	Line/Chord Direction
L1	4.60	S85° 58' 27.65"W
L2	7.06	N36° 36' 39.20"W
L3	134.88	N18° 13' 23.15"W
L4	17.97	N24° 45' 00.63"E
L5	29.21	N11° 02' 15.03"W
L6	77.44	N5° 48' 42.61"E
L7	33.39	N15° 48' 02.81"E
L8	18.60	N76° 21' 32.00"E
L9	13.67	N58° 54' 04.23"E
L10	15.08	N88° 44' 06.97"E
L11	177.41	N79° 26' 17.18"E
L12	31.32	N28° 40' 45.14"E
L13	96.30	N32° 47' 19.47"E
L14	24.64	N0° 49' 53.40"E
L15	27.73	N31° 07' 09.11"E
L16	117.78	N8° 02' 37.24"E
L17	167.46	N34° 57' 07.49"W
L18	87.62	N23° 38' 47.56"E
L19	39.23	N11° 08' 03.84"E
L20	22.38	N10° 58' 53.69"W
L21	40.57	N31° 40' 37.50"W
L22	91.38	N11° 42' 21.15"W
L23	56.80	N30° 01' 53.09"W
L24	136.32	N12° 46' 22.47"W
L25	83.47	N10° 45' 56.34"W
L26	83.29	N0° 54' 18.12"W
L27	121.01	N20° 15' 51.55"W
L28	45.11	N27° 06' 11.78"W
L29	53.11	N17° 21' 01.60"W
L30	138.14	N23° 13' 52.39"W
L31	57.91	N13° 30' 09.51"E
L32	58.01	N47° 30' 46.58"W
L33	156.07	N25° 44' 57.98"W
L34	38.88	N12° 35' 44.84"W
L35	272.54	N27° 30' 31.25"W
L36	11.68	N10° 48' 01.42"E
L37	9.86	S64° 18' 12.57"W
L38	10.00	S84° 32' 21.48"W
L39	21.95	N71° 35' 13.26"W



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or
use for any purpose other than that authorized by Stantec is forbidden.

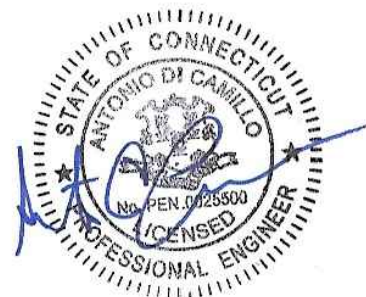
Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued CONSTRUCTION DOCUMENTS	By MFP/ASM	Appd AD	YYYY.MM.DD 2025.02.27
----------------------------------	---------------	------------	--------------------------

File Name: C-100_HVRT_OV PLAN

Permit/Seal



Client/Project Logo



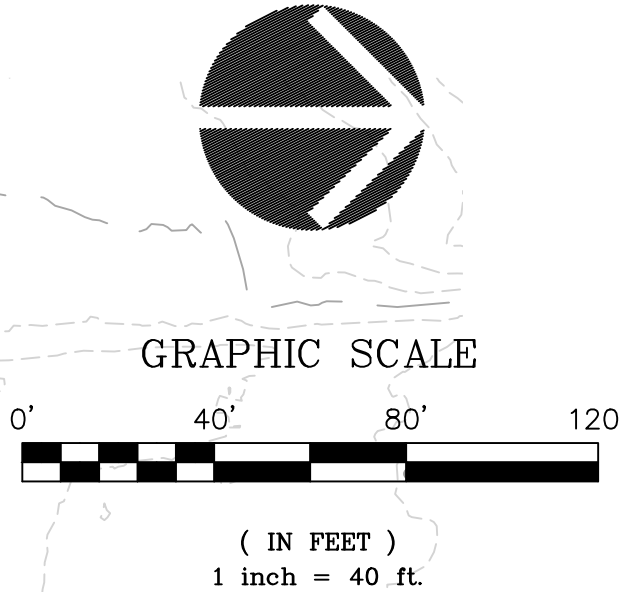
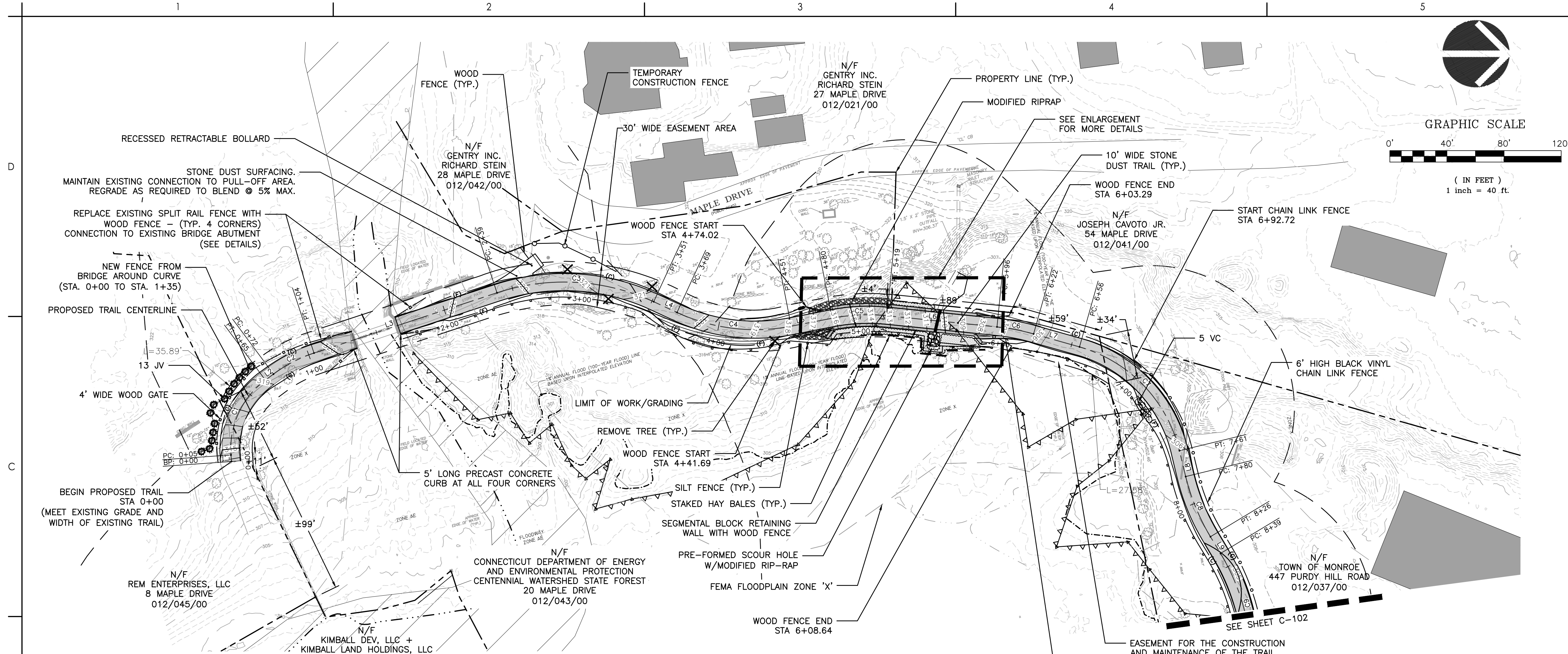
Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

OVERALL TRAIL PLAN

Project No. 2020-65	Scale 1" = 200'
	Drawing No. C-100



LEGEND

(C) (F)	LIMIT OF WORK/GRADING
---	PROPERTY LINE
▲▲▲▲	WETLAND
---	100' UPLAND REVIEW AREA
---	150' UPLAND REVIEW AREA
---	SILT FENCE
---	TRAIL CENTERLINE
---	10' WIDE STONE DUST TRAIL
---	APPROXIMATE EDGE OF WATERCOURSE
---	FLOOD ZONE 100 YR FEMA FLOODPLAIN (BY ELEVATION)
---	FLOODWAY
---	CHAIN LINK FENCE
---	EASEMENT LIMIT
---	WOOD FENCE

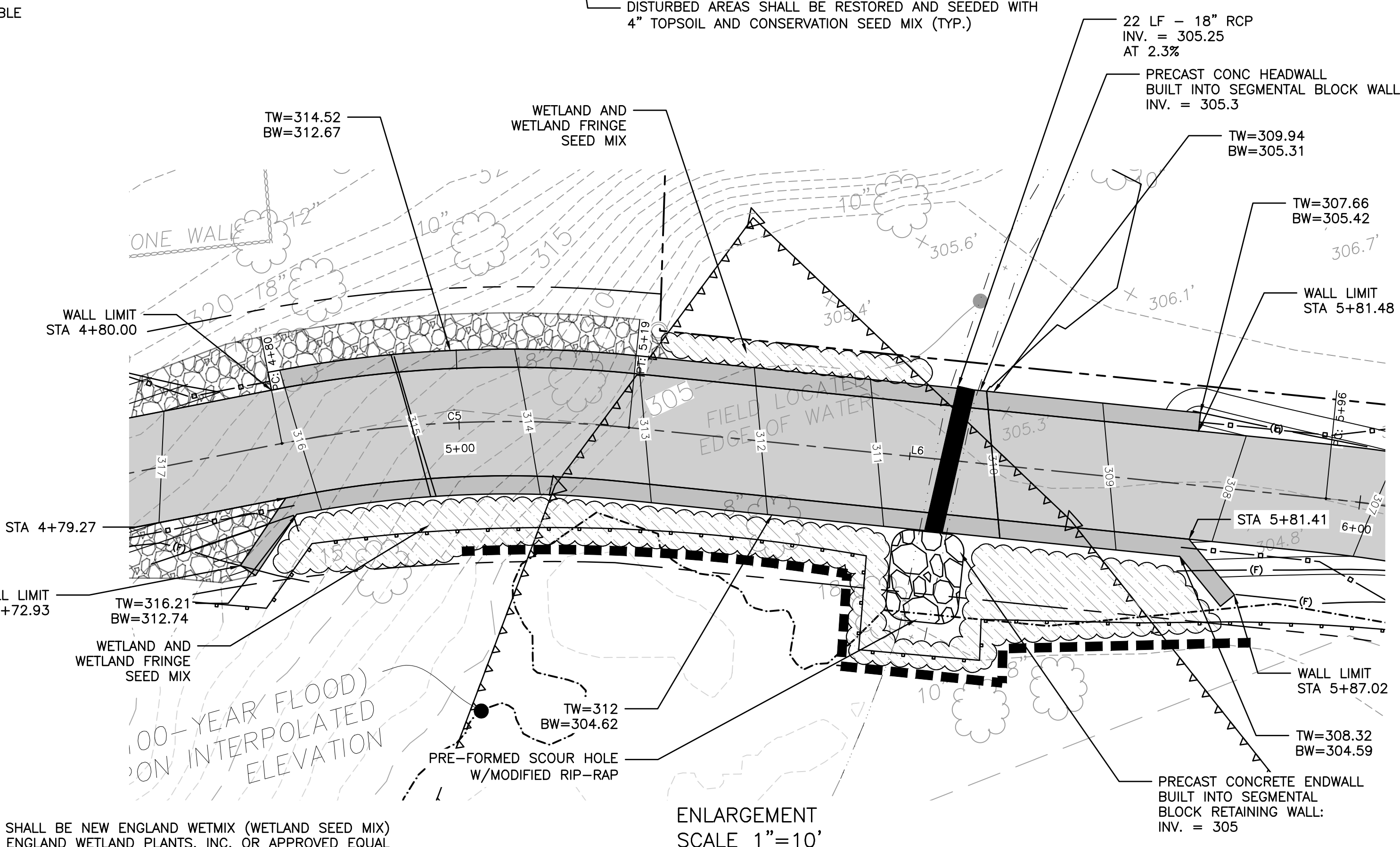
SIGN SCHEDULE

NO.	SIZE (H x W)	COLORS (LETTERS/BACKGROUND)	MESSAGE	IMAGE	MUTCD REF.
①	30" x 30"	WHITE/RED (DIAMOND GRADE)	STOP		R1-1
②	18" x 18"	WHITE/RED/BLACK (DIAMOND GRADE)	NO BICYCLES		R5-6
③	30" x 30"	YELLOW/BLACK (DIAMOND GRADE)	STAY ON TRAIL		-
④	30" x 30"	YELLOW/BLACK (DIAMOND GRADE)	PEDESTRIAN CROSSING		W11-2
⑤	24" x 12"	YELLOW/BLACK (DIAMOND GRADE)	AHEAD		W16-9P

PLANTING SCHEDULE

KEY	QTY.	BOTANICAL NAME	COMMON NAME	CAL/HT.	SIZE
SHADE TREES					
AC	09	AMELANCHIER CANADENSIS	SERVICEBERRY	7-8' HT.	B&B
CF	03	CORNUS FLORIDA 'CHEROKEE CHIEF'	FLOWERING DOGWOOD	2-2 1/2' CAL.	B&B
SHRUBS & PERENNIALS					
CA	31	CLETHRA ALNIFOLIA	SUMMERSWEET		#3 CONTAINER
ED	161	EUPATORIUM DUBIUM 'BABY JOE'	JOE PYE WEED		#1 CONTAINER
IV	20	ILEX VERTICILLATA	WINTERBERRY		#3 CONTAINER
RV	10	RHODODENDRON VISCOSUM	SWAMP AZALEA		#3 CONTAINER
VC	14	VACCINIUM CORYMBOSUM	HIGH-BUSH BLUEBERRY		#3 CONTAINER
EVERGREEN TREES					
JV	21	JUNIPERUS VIRGINIANA	EASTERN RED CEDAR	6-7' HT.	B&B
NATURALIZED SLOPE GRASS SEED MIX					
		NEW ENGLAND NATIVE CONSERVATION SEED MIX			SEED PER POUND
WETLAND AND WETLAND FRINGE SEED MIX					
		NEW ENGLAND WETMIX (SEE NOTE)			SEED PER POUND

NOTE- WETLAND SEED MIX SHALL BE NEW ENGLAND WETMIX (WETLAND SEED MIX) PRODUCED BY NEW ENGLAND WETLAND PLANTS, INC. OR APPROVED EQUAL



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
-any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued CONSTRUCTION DOCUMENTS	By	Appd	YYYY.MM.DD
	MFP/ASM	AD	2025.02.27

File Name: C101-105_HVRT_PLANS

Permit/Seal



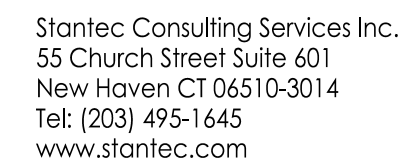
Client/Project Logo



Client/Project
TOWN OF MONROE HOUSATONIC VALLEY RAIL-TRAIL SECTION I AND II

Title
TRAIL PLAN-1

Project No. 2020-65	Scale 1" = 40'
	Drawing No. C-101



Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

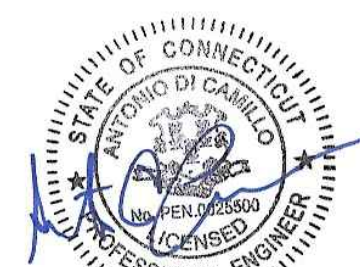
Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued	By	Appd	YYYY.MM.DD
CONSTRUCTION DOCUMENTS	MFP/ASM	AD	2025.02.27

File Name: C101-105_HVRT_PLANS

Permit/Seal



Client/Project Logo



Client/ProjectTOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

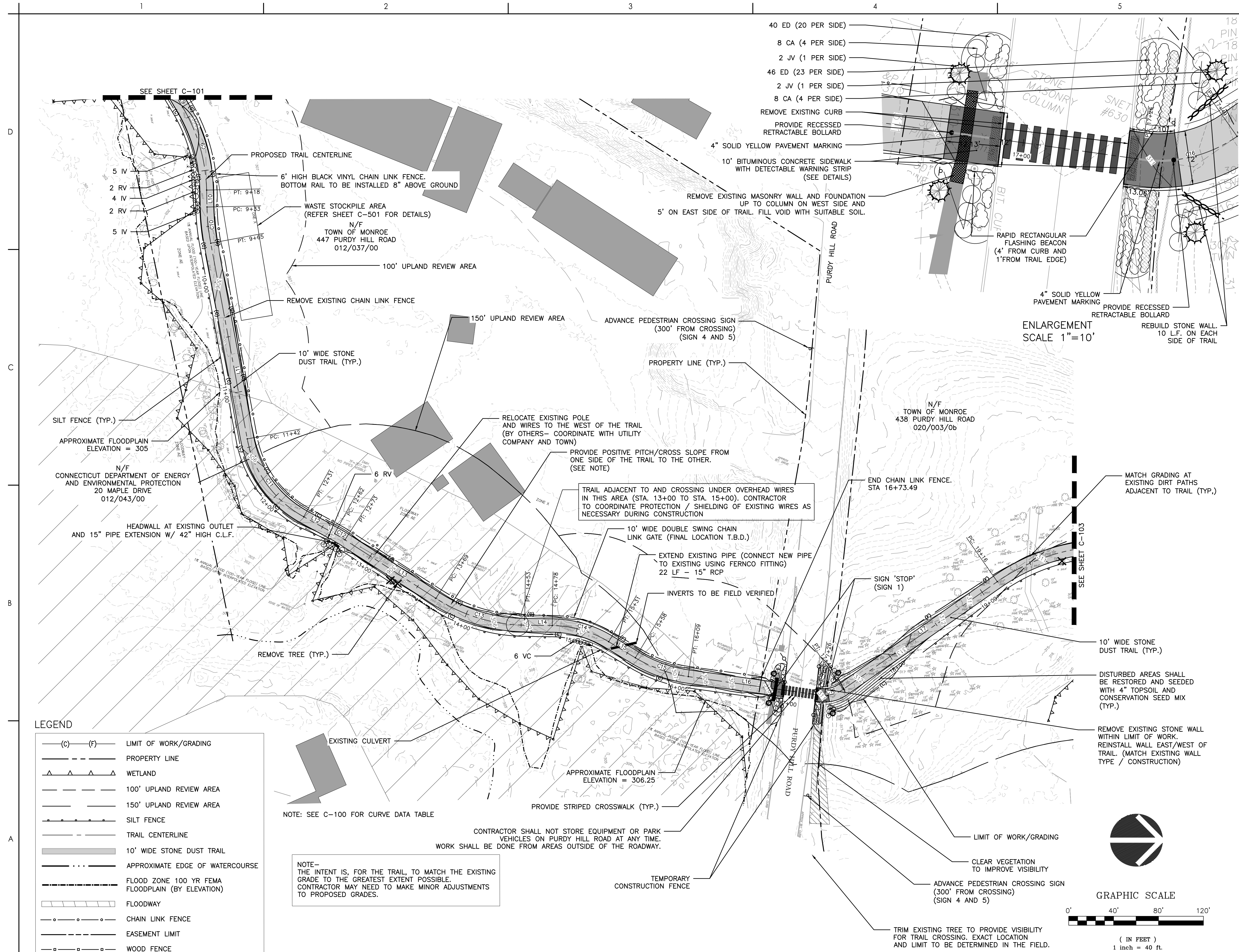
TRAIL PLAN-2

Project No.
2020-65

Scale $1'' = 40'$

Drawing No.

C-102



Revision	By	Appd	YYYY.MM.DD
PLANTING REVISIONS	ASM	AD	2021.10.05
Issued CONSTRUCTION DOCUMENTS	By MFP/ASM	Appd AD	YYYY.MM.DD 2025.02.27
File Name: C101-105_HVRT_PLANS			
Permit/Seal			



Client/Project Logo



Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

TRAIL PLAN-3

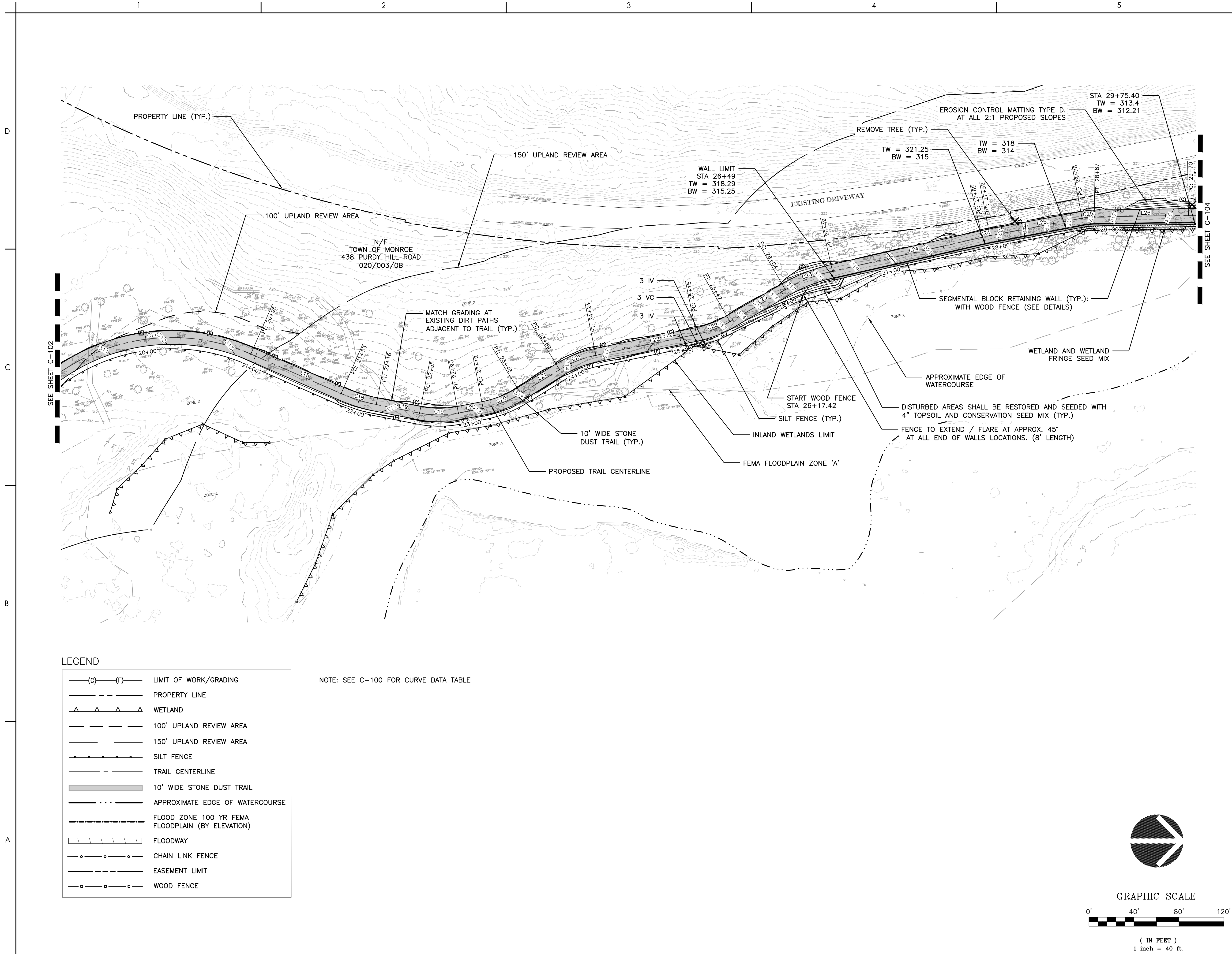
Project No.
2020-65

Scale

1" = 40'

Drawing No.

C-103





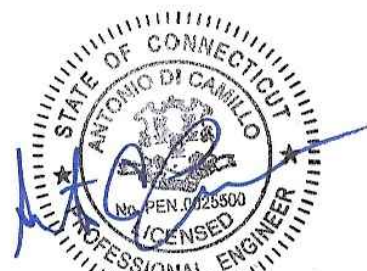
Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision	By	Appd	YYYY.MM.DD
PLANTING REVISIONS	ASM	AD	2021.10.05
Issued CONSTRUCTION DOCUMENTS	By MFP/ASM	Appd AD	YYYY.MM.DD 2025.02.27
File Name: C101-105_HVRT_PLANS			
Permit/Seal			



Client/Project Logo



Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

TRAIL PLAN-4

Project No. 2020-65	Scale 1" = 40'
	Drawing No. C-104

D

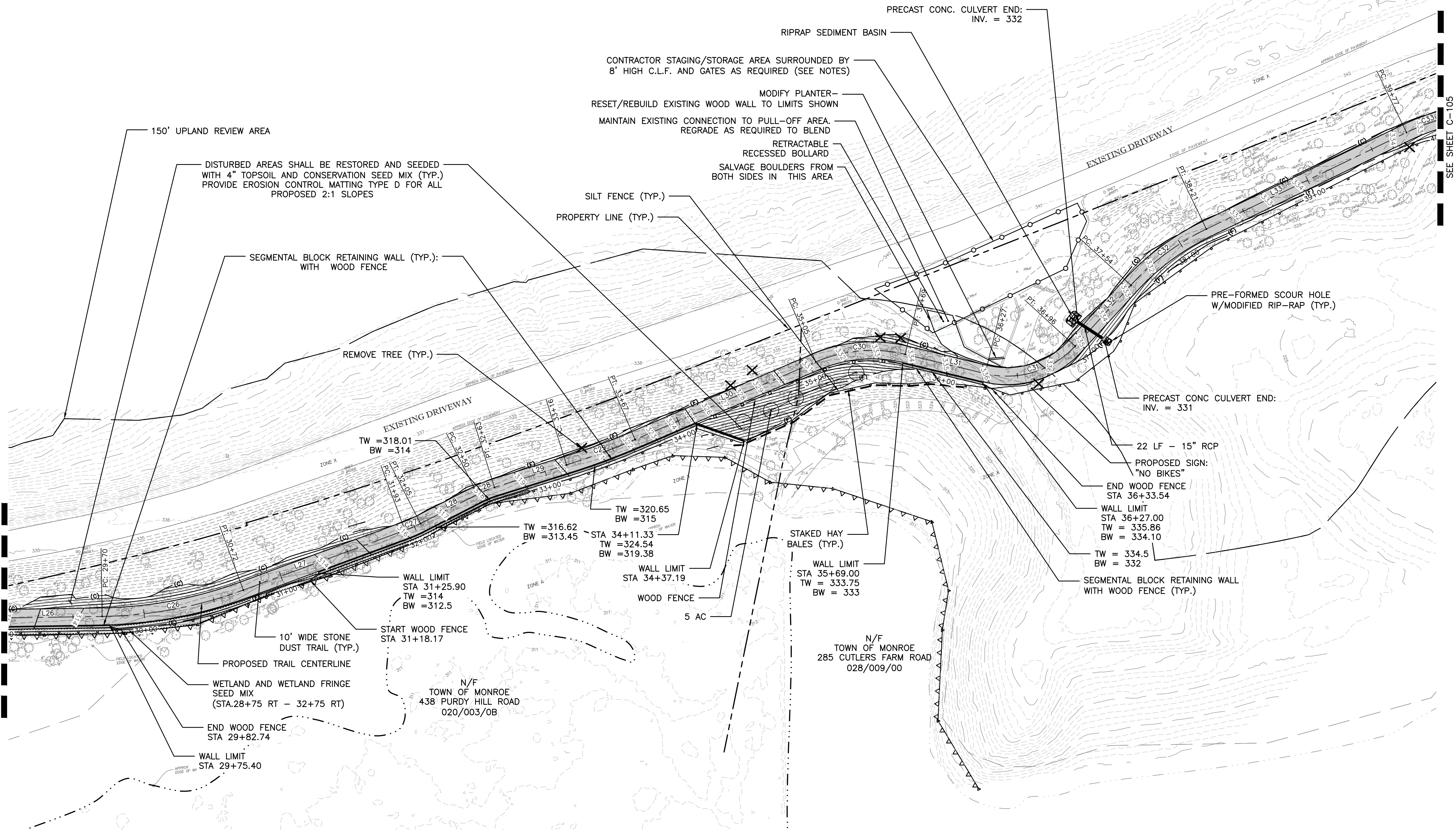
C

B

A

SEE SHEET C-103

SEE SHEET C-105



LEGEND

—(C)—(F)—	LIMIT OF WORK/GRADING
---	PROPERTY LINE
▲▲▲▲	WETLAND
----	100' UPLAND REVIEW AREA
-----	150' UPLAND REVIEW AREA
.....	SILT FENCE
-----	TRAIL CENTERLINE
=====	10' WIDE STONE DUST TRAIL
---	APPROXIMATE EDGE OF WATERCOURSE
-----	FLOOD ZONE 100 YR FEMA FLOODPLAIN (BY ELEVATION)
-----	FLOODWAY
-----	CHAIN LINK FENCE
-----	EASEMENT LIMIT
-----	WOOD FENCE

NOTES:

1. STAGING/STORAGE AREA COST SHALL BE INCLUDED IN THE OVERALL PROJECT COST.
2. CONTRACTOR SHALL RESTORE SURFACING TO ORIGINAL GRADES/CONDITION AFTER PROJECT IS COMPLETED WITH PROCESSED AGGREGATE BASE.
3. CONTRACTOR IS RESPONSIBLE FOR SECURING THE AREA.
4. SILT FENCING TO BE PROVIDED AROUND SOIL STOCKPILES.
5. CONTRACTOR TO PROVIDE "NO PARKING" AND "TRAIL CLOSED" SIGNS.

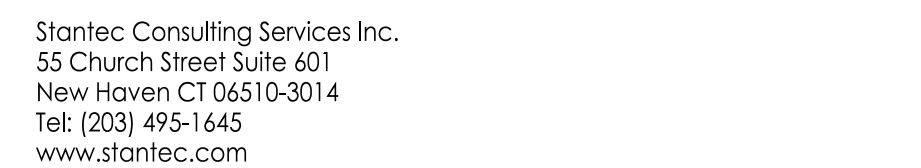
NOTE: SEE C-100 FOR CURVE DATA TABLE



GRAPHIC SCALE



(IN FEET)
1 inch = 40 ft.



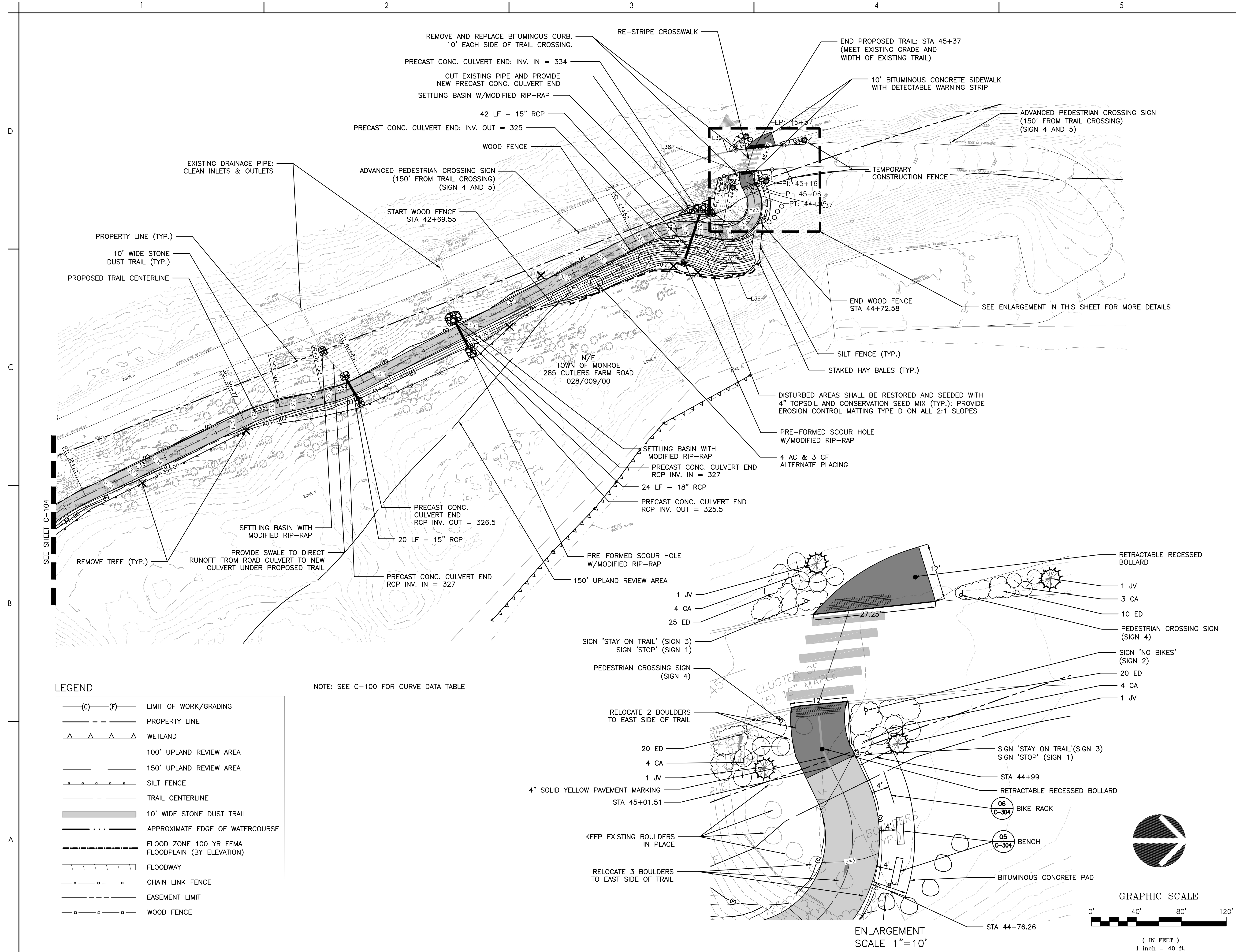
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Revision	By	Appd	YYYY.MM.DD
PLANTING REVISIONS	ASM	AD	2021.10.05
Issued	By	Appd	YYYY.MM.DD
CONSTRUCTION DOCUMENTS	MPP/ASM	AD	2025.02.27
File Name: C101-105_HVRT_PLANS			
Permit/Seal			



Title
TRAIL PLAN-5

Project No. 2020-65	Scale 1" = 40'
	Drawing No. C-105



Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued CONSTRUCTION DOCUMENTS	By MFP/ASM	Appd AD	YYYY.MM.DD 2025.02.27
----------------------------------	---------------	------------	--------------------------

File Name: C-201-205_HVRT_PROFILES			
------------------------------------	--	--	--

Permit/Seal



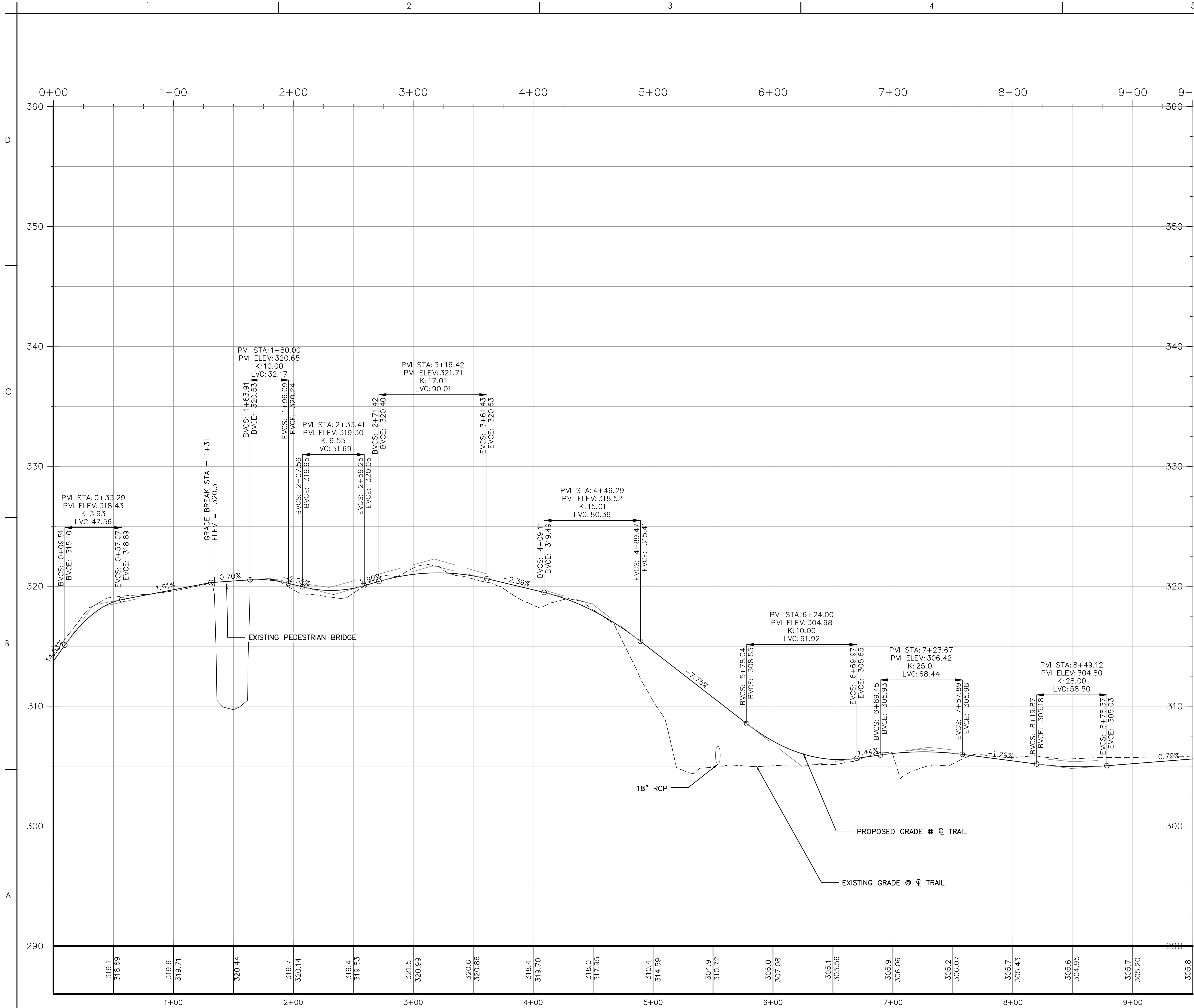
Client/Project Logo

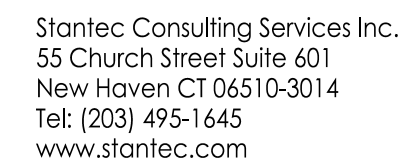


Client/Project
TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title
TRAIL PROFILES

Project No. 2020-65	Scale 1" = 40' (H) / 1" = 4' (V) Drawing No. C-201
------------------------	---





The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

C-202

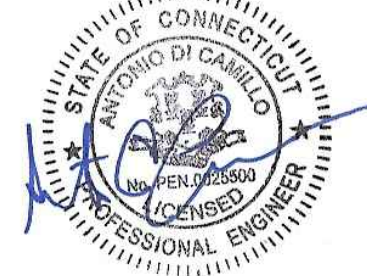
Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued	By	Appd	YYYY.MM.DD
CONSTRUCTION DOCUMENTS	MFP/ASM	AD	2025.02.27

File Name: C-201-205_HVRT_PROFILES			
------------------------------------	--	--	--

Permit/Seal



Client/Project Logo



Client/Project
TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title
TRAIL PROFILES

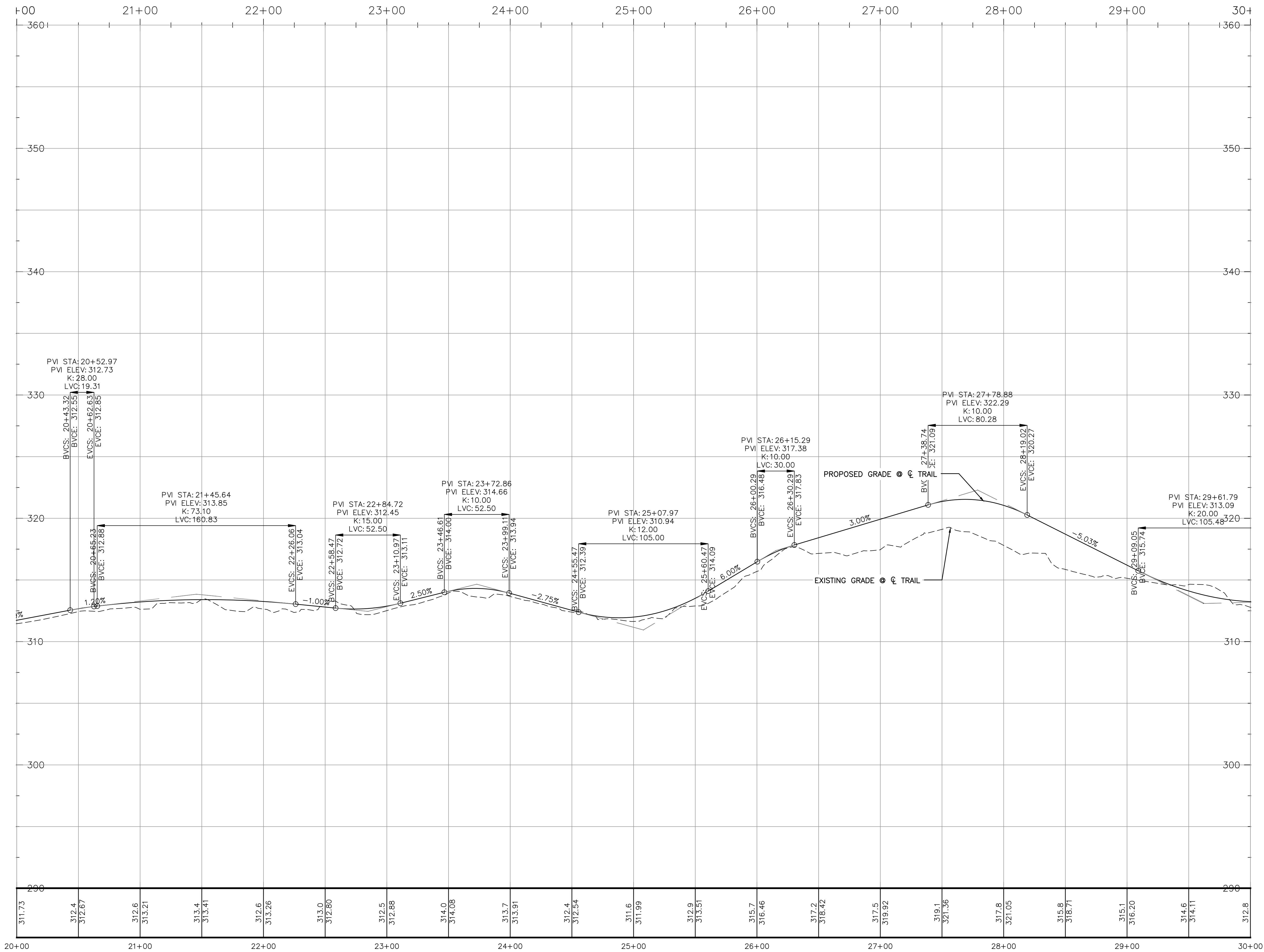
Project No. 2020-65	Scale 1" = 40' (H) / 1" = 4' (V)
	Drawing No. C-203

D

C

B

A



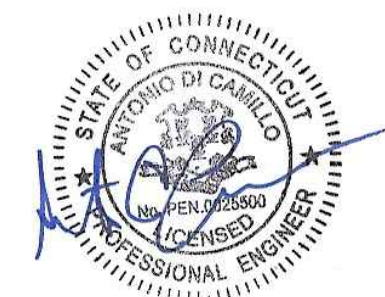
Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued	By	Appd	YYYY.MM.DD
CONSTRUCTION DOCUMENTS	MFP/ASM	AD	2025.02.27

File Name: C-201-205_HVRT_PROFILES

Permit/Seal



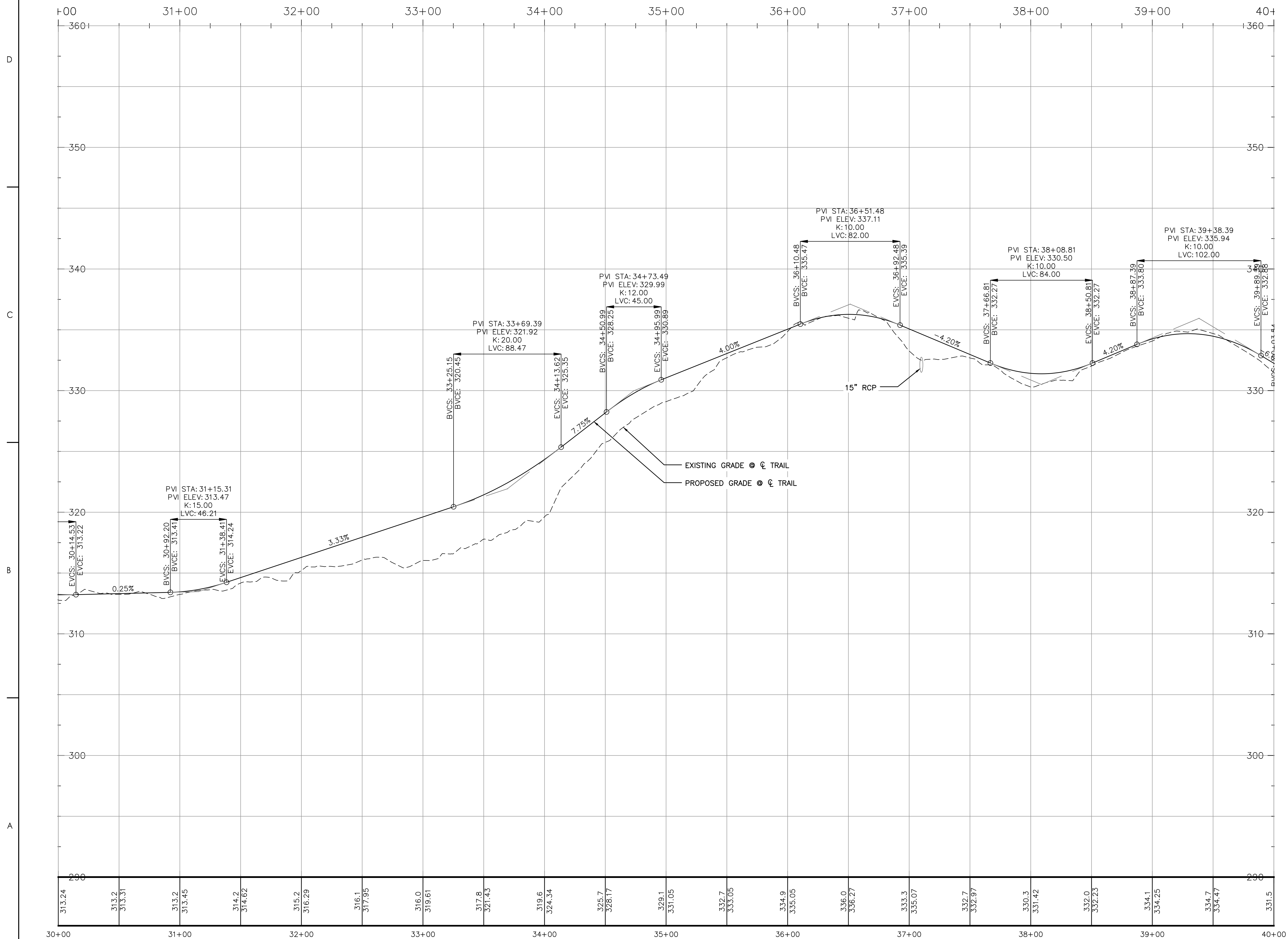
Client/Project Logo



Client/Project
TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title
TRAIL PROFILES

Project No. 2020-65	Scale 1" = 40' (H) / 1" = 4' (V)
	Drawing No. C-204

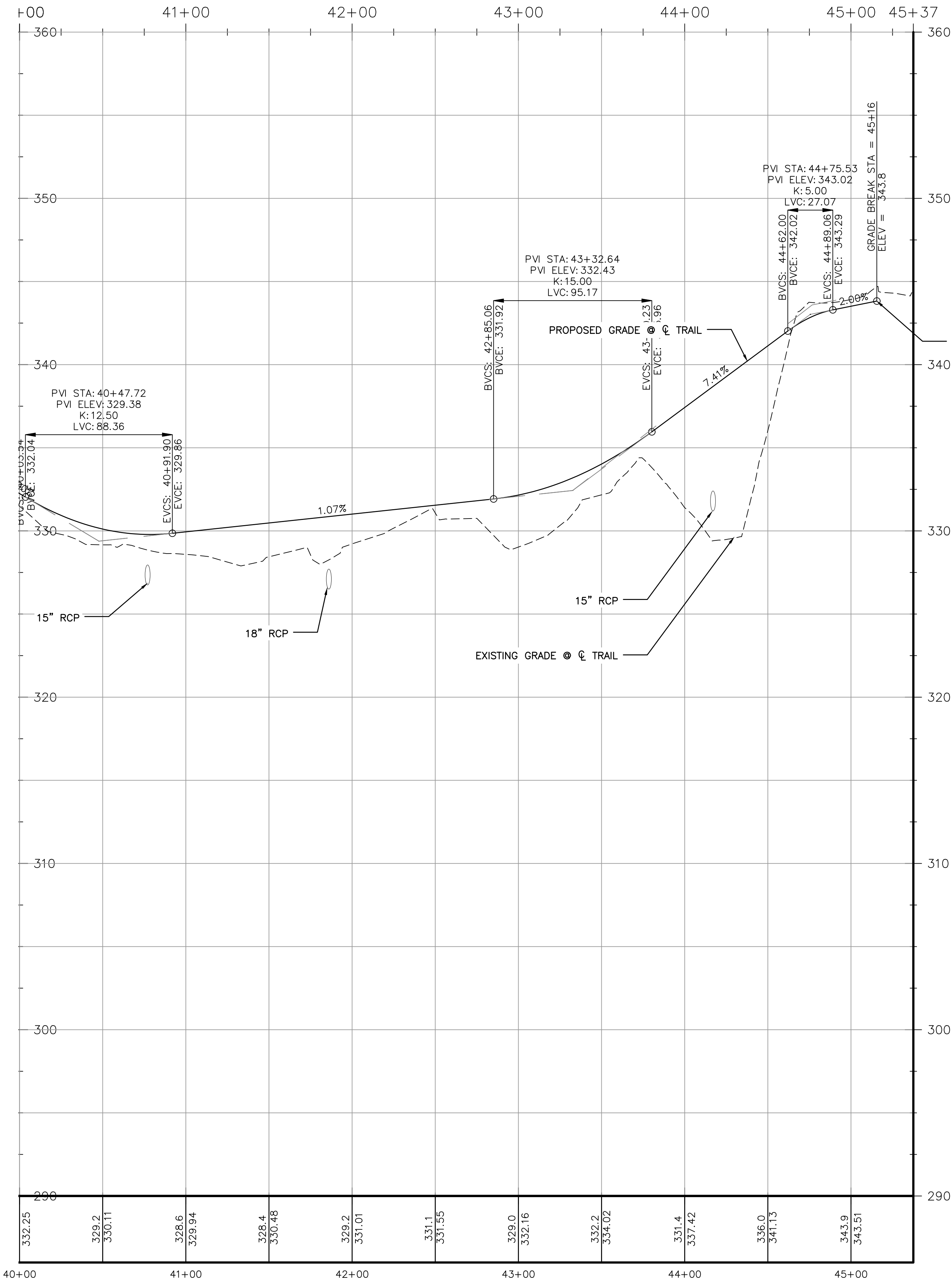


D

C

B

A



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued	By	Appd	YYYY.MM.DD
CONSTRUCTION DOCUMENTS	MFP/ASM	AD	2025.02.27

File Name: C-201-205_HVRT_PROFILES

Permit/Seal



Client/Project Logo



Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

TRAIL PROFILES

Project No.
2020-65

Scale
1" = 40' (H) / 1" = 4' (V)

Drawing No.
C-205

GENERAL NOTES:

1. TOTAL SITE AREA = N/A, TOTAL DISTURBED AREA=1.83 AC., TOTAL AREA TO BE VEGETATIVELY STABILIZED = 0.58 AC
2. THE ANTICIPATED START OF CONSTRUCTION FOR THE PROJECT IS SPRING 2022 AND THE APPROXIMATE PROJECT COMPLETION DATE IS SPRING 2023.
3. THE FOLLOWING PERMITS ARE ANTICIPATED FOR THE PROJECT: INLAND WETLANDS, PLANNING & ZONING
4. REFER TO THE FOLLOWING DOCUMENTS FOR ADDITIONAL INFORMATION: GEOTECHNICAL REPORT.
5. PERSON RESPONSIBLE FOR MAINTENANCE OF SEDIMENT AND EROSION CONTROL MEASURES DURING CONSTRUCTION SHALL BE: THE CONTRACTOR

The drawing consists of two parts: an ELEVATION view and a SECTION view.

ELEVATION: This view shows a horizontal cross-section of the filter fabric installation. It features three vertical stakes driven through the fabric. The distance between the stakes is labeled as "10'-0" MAX. (TYP.)". The filter fabric is shown as a series of overlapping strips, with the distance between the centerlines of the strips labeled as "3'-0" MIN.". The top surface is labeled "FINISHED GRADE".

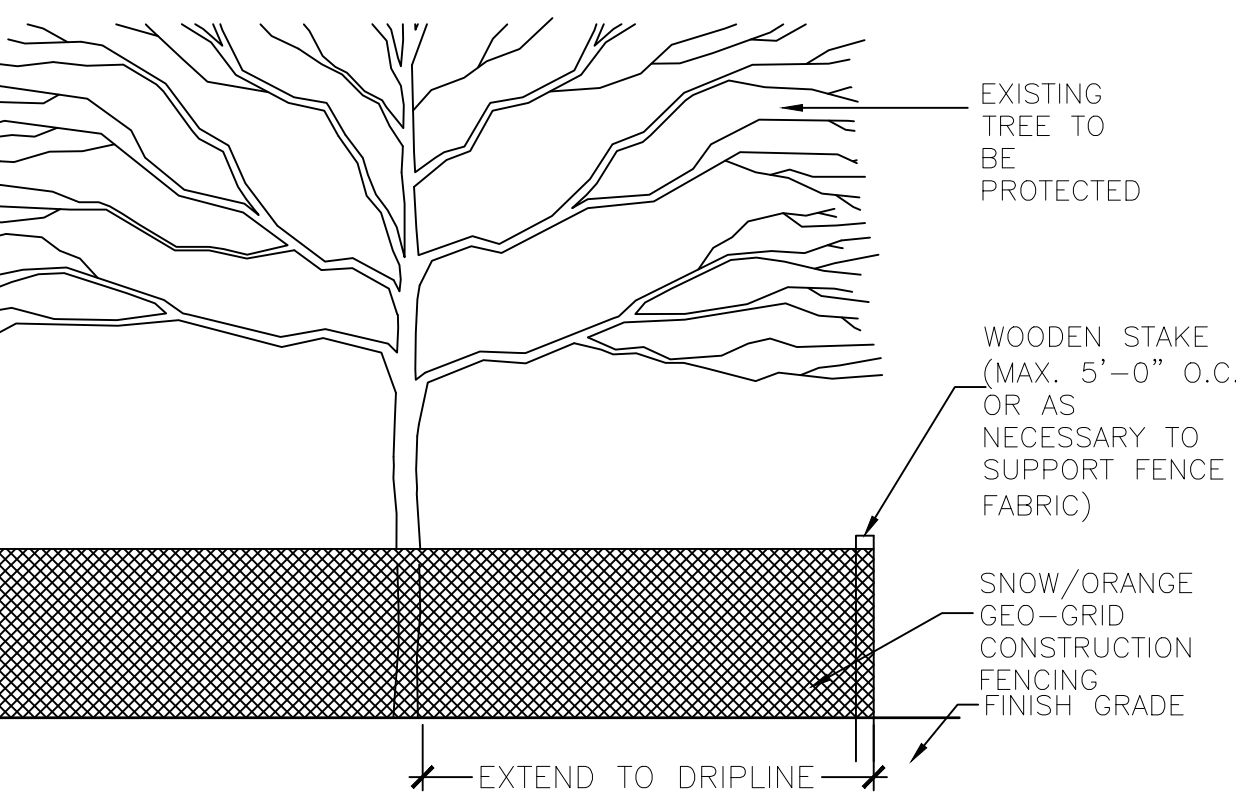
SECTION: This view shows a vertical cross-section of the filter fabric installation. It shows a stake driven through the filter fabric into the ground. The filter fabric is labeled "FILTER FABRIC". The ground surface is labeled "FINISHED GRADE". The distance from the finished grade to the top of the filter fabric is labeled "2'-6" MIN.". The distance from the finished grade to the bottom of the filter fabric is labeled "12" MIN.". The filter fabric is shown overlapping a "RECOMPACTED BACKFILL". The distance from the finished grade to the bottom of the filter fabric is also labeled "100" MIN.". The filter fabric is shown extending "6" OF FABRIC BELOW GROUND". The direction of water flow is indicated by an arrow labeled "FLOW".

SCALE: NTS

3 SILT FENCE

1. **SILTATION AND EROSION CONTROL MEASURES** SHALL BE INSTALLED AS NECESSARY PRIOR TO THE START OF GRADING AND MAINTAINED UNTIL ALL GROUND SURFACES ARE STABILIZED I.E. WITH TURF OR AS SPECIFIED, ETC., AND SHALL CONSIST OF SILT FENCING, MULCH AND TEMPORARY SEEDING, HAY BALES, STRAW WADDLES OR OTHER ADDITIONAL CONTROLS SHALL BE INSTALLED IF DEEMED NECESSARY DURING CONSTRUCTION.
2. THE OWNER HAS THE AUTHORITY TO CONTROL THE SURFACE AREA OF EARTH MATERIALS EXPOSED BY CONSTRUCTION OPERATIONS AND TO DIRECT THE CONTRACTOR TO IMMEDIATELY PROVIDE PERMANENT OR TEMPORARY POLLUTION CONTROL MEASURES TO PREVENT CONTAMINATION OF ADJACENT STREAMS, WATERCOURSES, OR OTHER AREAS OF WATER IMPOUNDMENT BY CONSTRUCTION OPERATIONS. EVERY EFFORT SHALL BE MADE BY THE CONTRACTOR TO PREVENT EROSION ON THE SITE AND/OR ONTO ADJUTING PROPERTY.
3. THE ENGINEER HAS THE AUTHORITY TO DIRECT THE CONTRACTOR TO DIVERT SURFACE WATER RUN-OFF AWAY FROM EXPOSED RAW EARTH SURFACES THROUGH THE USE OF TEMPORARY BERMS, DIKES, DIVERSION CHANNELS AND/OR OTHER DIVERSION TECHNIQUES APPROVED BY THE CITY'S REPRESENTATIVE AND THE ENGINEER.
4. THE EROSION CONTROL FEATURES SHALL BE INSTALLED AND MAINTAINED BY THE CONTRACTOR AND SHALL BE CHECKED DAILY AND AFTER EACH SEVERE RAIN STORM FOR DAMAGE, UNTIL SUCH FEATURES ARE, IN THE OPINION OF THE ENGINEER, NO LONGER NEEDED.
5. THE CONTRACTOR SHALL, AT ALL TIMES, HAVE ON HAND THE NECESSARY MATERIALS AND EQUIPMENT TO PROVIDE FOR EARLY SLOPE STABILIZATION AND CORRECTIVE MEASURES TO DAMAGED SLOPES. THE CONTRACTOR SHALL RESPOND TO MAINTENANCE OR ADDITIONAL MEASURES ORDERED BY THE ENGINEER WITHIN 24 HOURS.
6. THE CONTRACTOR SHALL OPERATE ALL EQUIPMENT AND PERFORM ALL CONSTRUCTION OPERATIONS SO AS TO MINIMIZE POLLUTION TO ADJACENT WATER COURSES OR WETLANDS AREAS. THE CONTRACTOR SHALL CEASE ANY OF HIS OPERATIONS WHICH WILL INCREASE POLLUTION DURING RAIN STORMS.
7. ALL SLOPES OF STOCKPILE MATERIAL AND OTHER DISTURBED AREAS SHALL BE STABILIZED AND PROTECTED BY SURROUNDING WITH SILT FENCING OR HAY BALES, OR OTHERWISE PROTECTED AS APPROVED BY THE ENGINEER. ANY DAMAGED AREAS SHALL BE REPAIRED AS SOON AS POSSIBLE. THE ENGINEER SHALL LIMIT THE SURFACE AREA OF EACH MATERIAL EXPOSED IF THE CONTRACTOR FAILS TO SUFFICIENTLY PROTECT THE SLOPES TO PREVENT POLLUTION.
8. **MULCHES:** SHALL BE HAY, STRAW, WOOD CELLULOSE, WOOD CHIPS, STONE, JUTE MESH, BURLAP OR OTHER SUITABLE MULCH MATERIAL AS APPROVED BY THE ENGINEER. MULCHES SHALL BE REASONABLY CLEAN AND FREE OF NOXIOUS WEEDS AND DELETERIOUS MATERIALS. ASPHALT SPRAYS WILL NOT BE ALLOWED. THE CONTRACTOR SHALL PREVENT STRAW, WOOD CHIPS, ETC., FROM ENTERING ANY CATCH BASINS, RESERVOIRS OR WATERCOURSES.
9. **HAY BALES:** IF DEEMED NECESSARY, SHALL BE PLACED AS DIRECTED BY THE ENGINEER. THEY SHALL BE HELD IN PLACE BY TWO WOODEN STAKES IN EACH BALE. BALES SHALL BE MAINTAINED OR REPLACED AS ORDERED BY THE ENGINEER UNTIL THEY ARE NO LONGER NECESSARY FOR THE PURPOSE INTENDED OR ARE ORDERED REMOVED BY THE ENGINEER. HAY BALES SHALL BE MADE OF HAY WITH 40 POUNDS MINIMUM WEIGHT AND 120 POUNDS MAXIMUM WEIGHT. WOOD STAKES SHALL BE A MINIMUM OF 1 INCH BY 1 INCH NOMINAL SIZE BY A MINIMUM OF 3 FEET LONG.
10. **SILT FENCE:** SHALL CONSIST OF 3-FOOT WIDE GEOSYNTHETIC FABRIC WITH PREFABRICATED WOOD POSTS. THE BOTTOM SIX INCHES OF FABRIC SHALL BE BURIED BY EITHER TRENCHING OR BY LAYING THE SIX INCH SECTION HORIZONTALLY ON THE GROUND AND BURYING BY RAMPING THE TOPSOIL UP TO THE CONTROL FENCE.

SCALE: NTS



2. EXTENT OF TREE PROTECTION FENCE SHALL BE TO DRIPLINE OF TREE WHERE POSSIBLE. FENCE MAY BE LOCATED A MIN. OF 8'-0" FROM TRUNK OF TREE WHERE APPROVED BY LANDSCAPE ARCHITECT.

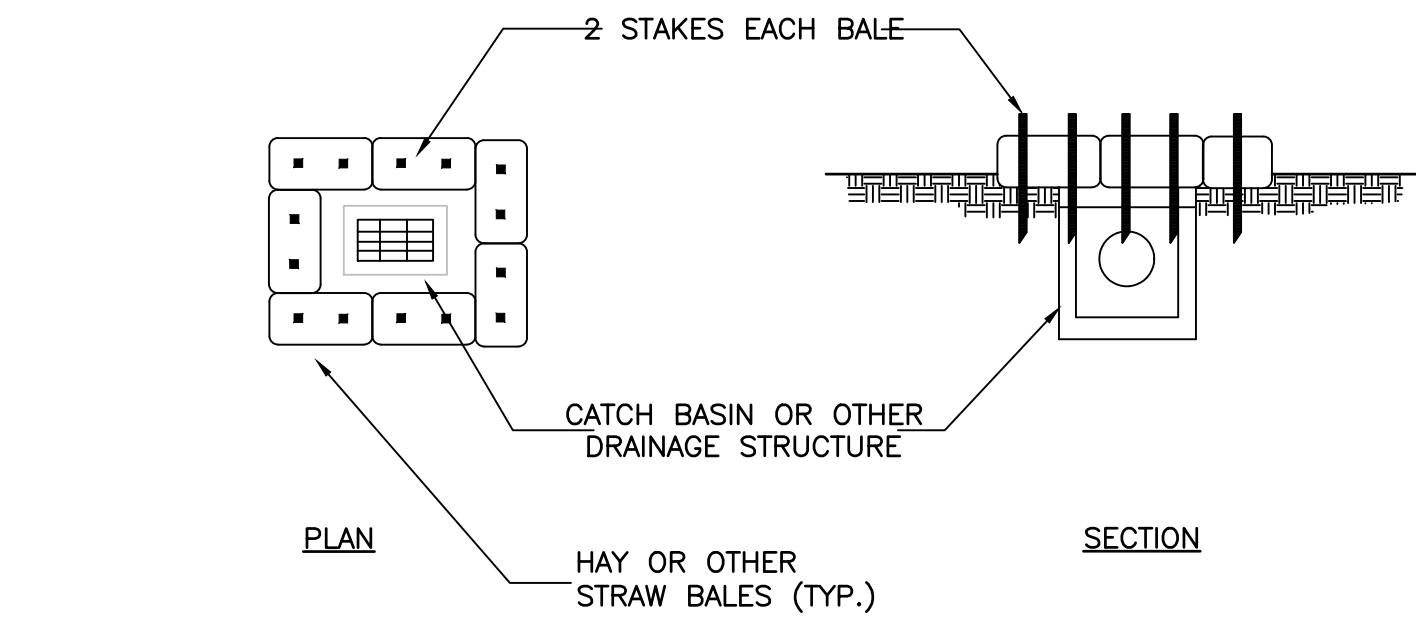
① TREE PROTECTION FENCE

- MINIMUM LENGTH OF SILT FENCE IS 15 L.F.
- MAXIMUM POST SPACING IS 10 L.F.
- JOINTS IN FILTER FABRIC SHALL BE ONLY AT SUPPORT POSTS WITH MINIMUM 6" OVERLAP, SECURELY SEALED
- SILT FENCE SHALL NOT BE USED IN A WATER COURSE
- FABRIC SUSCEPTIBLE TO SUNLIGHT DAMAGE SHALL NOT BE USED
- IN ANY INSTALLATIONS WHERE EXPOSURE TO LIGHT WILL EXCEED 30 DAYS, UNLESS SPECIFICALLY AUTHORIZED IN WRITING BY THE ENGINEER.
- FABRIC SUSCEPTIBLE TO SUNLIGHT DAMAGE SHALL NOT BE USED IN ANY INSTALLATIONS WHERE EXPOSURE TO LIGHT WILL EXCEED 30 DAYS, UNLESS SPECIFICALLY AUTHORIZED IN WRITING BY THE ENGINEER.
- TO THE EXTENT PRACTICAL, SILT FENCE SHALL BE INSTALLED PARALLEL WITH THE EXISTING CONTOURS.
- SILT FENCE INSTALLED ACROSS LOW POINTS IN DRAINAGE AREAS WHERE RUNOFF MAY CONCENTRATE SHALL BE REINFORCED WITH STAKED HAY BALES, STRAW WADDLES, OR SIMILAR.

11. TEMPORARY SWALES AND SEDIMENTATION BASINS, IF REQUIRED, MAY BE CONSTRUCTED OF RIP-RAP, MULCH, HAY BALES OR JUTE MESH. PORTLAND CONCRETE OR BITUMINOUS CONCRETE WILL NOT BE ALLOWED.

12. TEMPORARY GRASS SEED SHALL BE PERENNIAL RYE-GRASS (LOLIUM PERENNE) OR AN IMPROVED VARIETY THEREOF, SUCH AS MANHATTAN, HAVING A MINIMUM PURITY OF 98 PERCENT AND A MINIMUM GERMINATION OF 90 PERCENT. THE SEEDING MAY BE ALTERED BY THE ENGINEER IF REQUESTED BY THE CONTRACTOR TO SUIT SPECIAL CONDITIONS OR AREAS.

13. AT THE COMPLETION OF THE PROJECT, AND AFTER ALL DISTURBED AREAS ARE STABILIZED REVIEWED AND APPROVED, THE CONTRACTOR SHALL COMPLETELY REMOVE ALL SEDIMENTATION AND EROSION CONTROL MEASURES. SILT FENCING SHALL BE CUT FLUSH WITH THE GROUND AND ANY ACCUMULATED SEDIMENTATION SHALL BE THINLY SPREAD UPON EXISTING GROUND COVER. ALL MULCH, HAY BALES AND RIP-RAP SHALL BE REMOVED FROM THE SITE, UNLESS SPECIFICALLY ORDERED BY THE ENGINEER TO REMAIN IN PLACE.



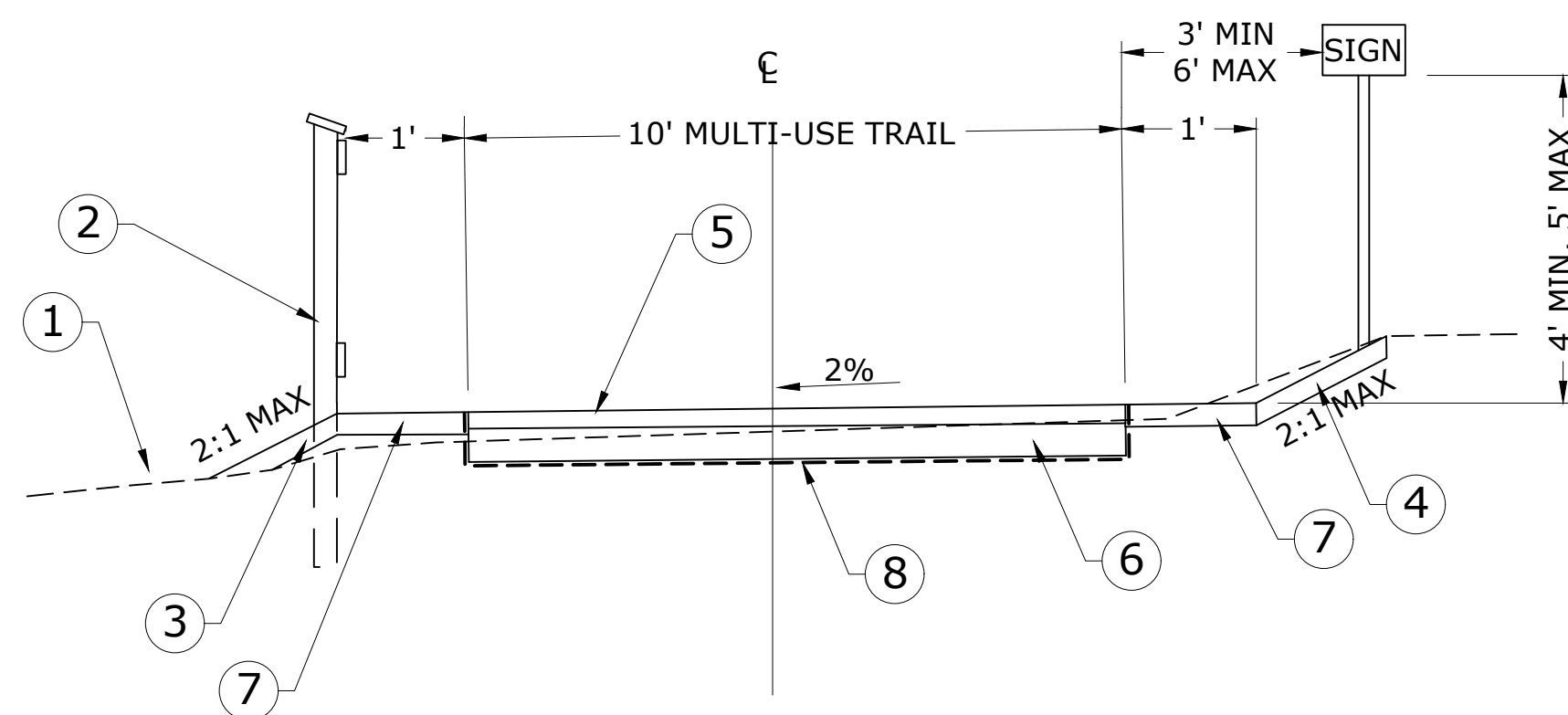
① HAY BALE DETAIL- CATCH BASIN - TYPE 'C'

SCALE: NTS

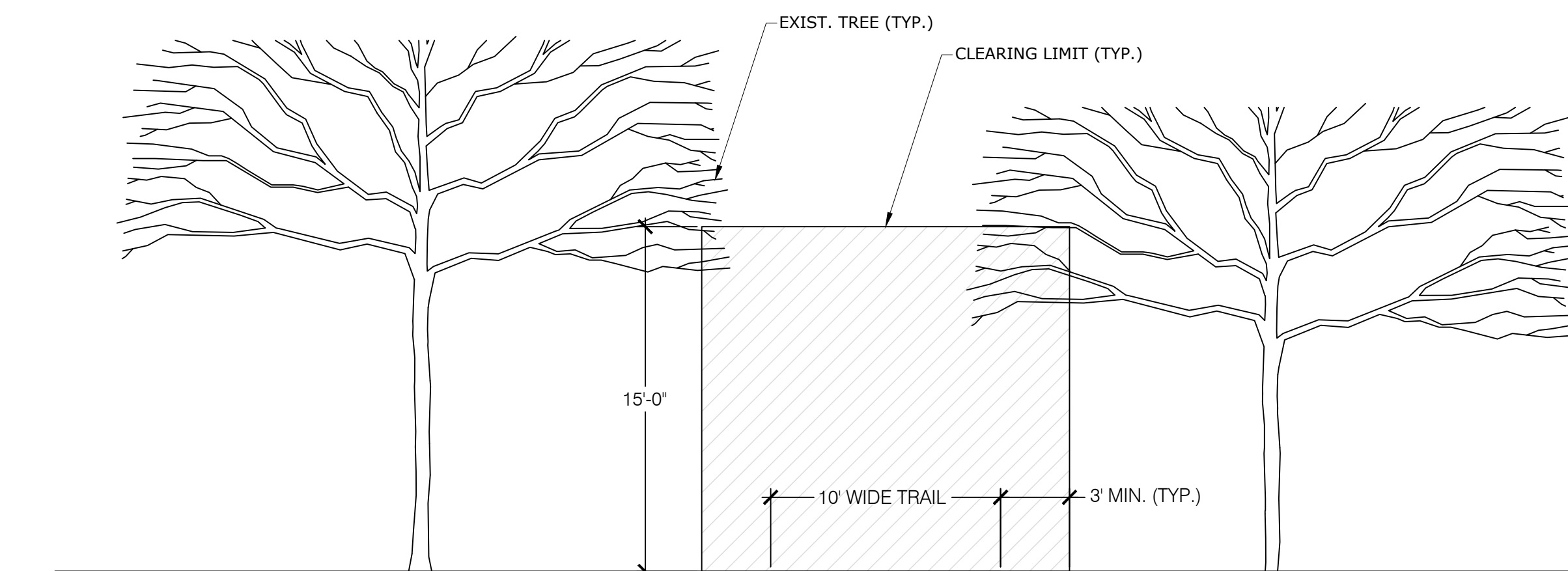
Permit/Seal

Project No.	Scale
2020-65	AS NOTED
	Drawing No.
	C-301

- ① EXISTING GRADE
- ② WOOD FENCE (SEE DETAIL)
- ③ COMMON FILL
- ④ 4" TOPSOIL SEED AND EROSION CONTROL MATTING (TYP)
- ⑤ 4" STONE SCREENINGS
- ⑥ 8" GRANULAR FILL
- ⑦ 4" NO. 6 STONE
- ⑧ GEOTEXTILE FABRIC



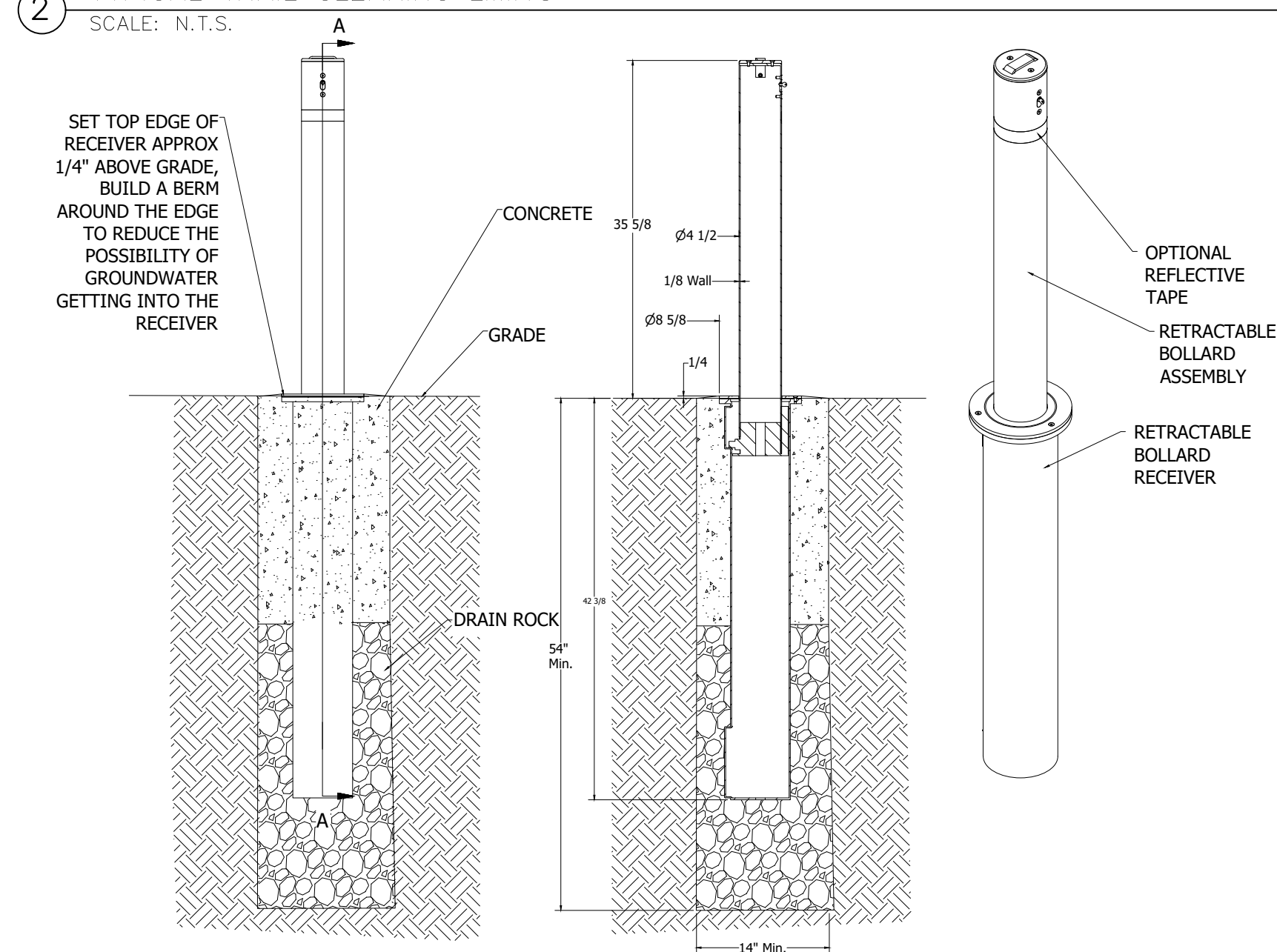
SCALE: N.T.S.



NOTES:

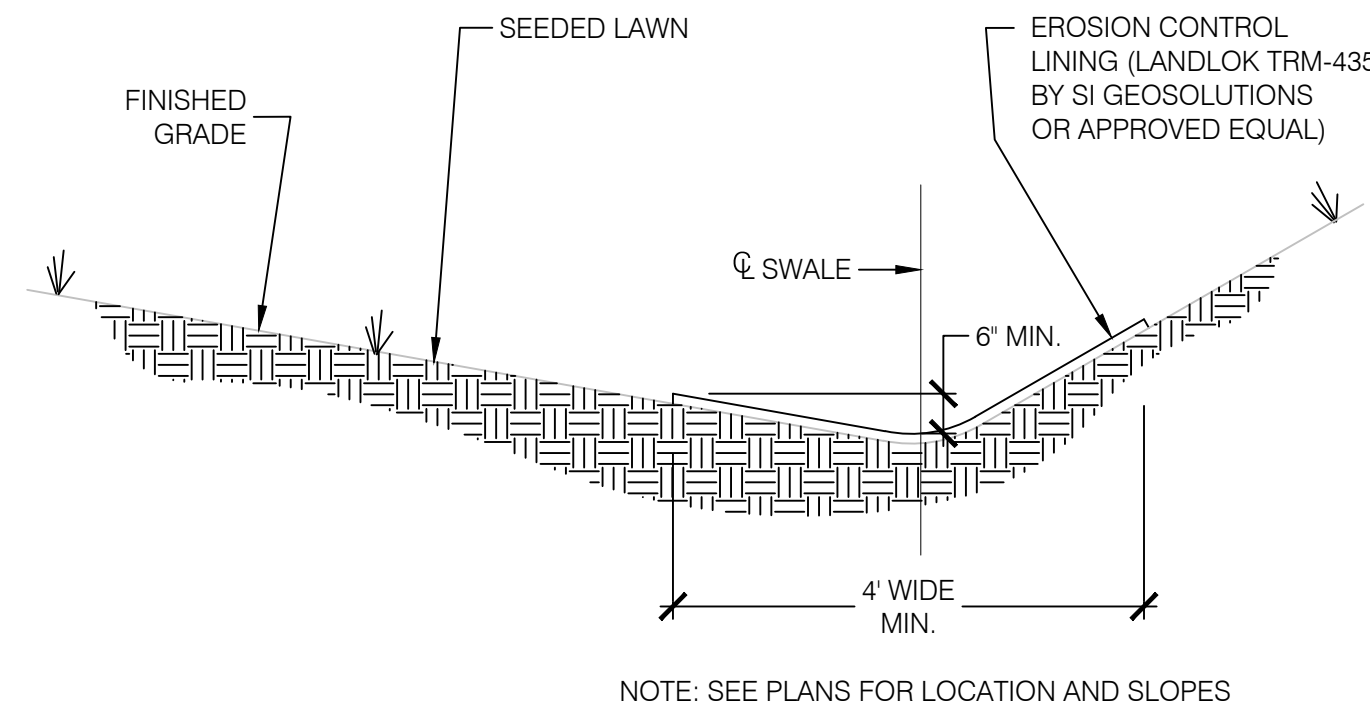
1. CONTRACTOR IS RESPONSIBLE FOR TRIMMING TREES TO PROVIDE A MINIMUM OF 15 FEET OF VERTICAL CLEARANCE FROM THE FINISHED GRADE OF THE GREENWAY.
2. HORIZONTALLY THE CONTRACTOR SHALL REMOVE ALL VEGETATION WITHIN LIMIT OF WORK SHOWN ON THE PLANS.
3. CUT WOOD, VEGETATION & STUMPS SHALL BE REMOVED FROM THE SITE AND DISPOSED OF IN A LEGAL & ENVIRONMENTALLY SAFE MANNER.

2 SCALE: N.T.S

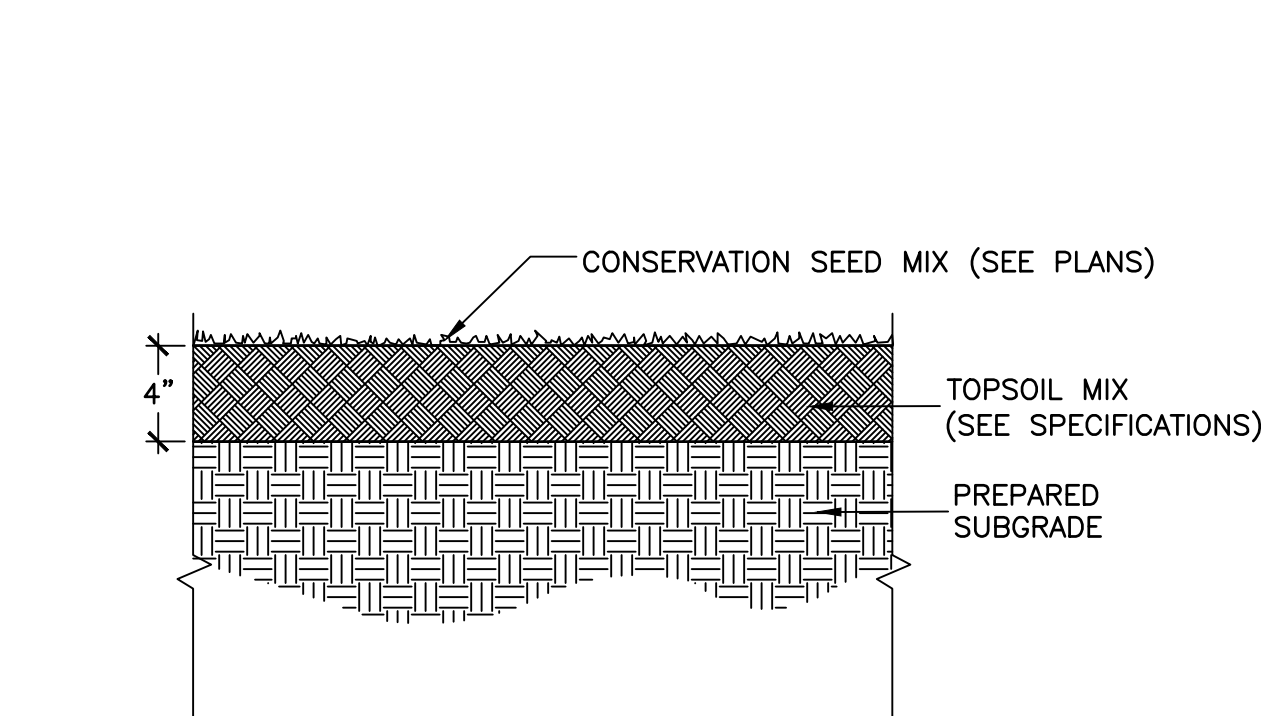


NOTE-
BOLLARD SHALL BE MODEL R-8472 DOUBLE LOCKING RETRACTABLE
BOLLARD BY RELIANCE FOUNDRY OR APPROVED EQUAL
RETRACTABLE BOLLARD DETAILS

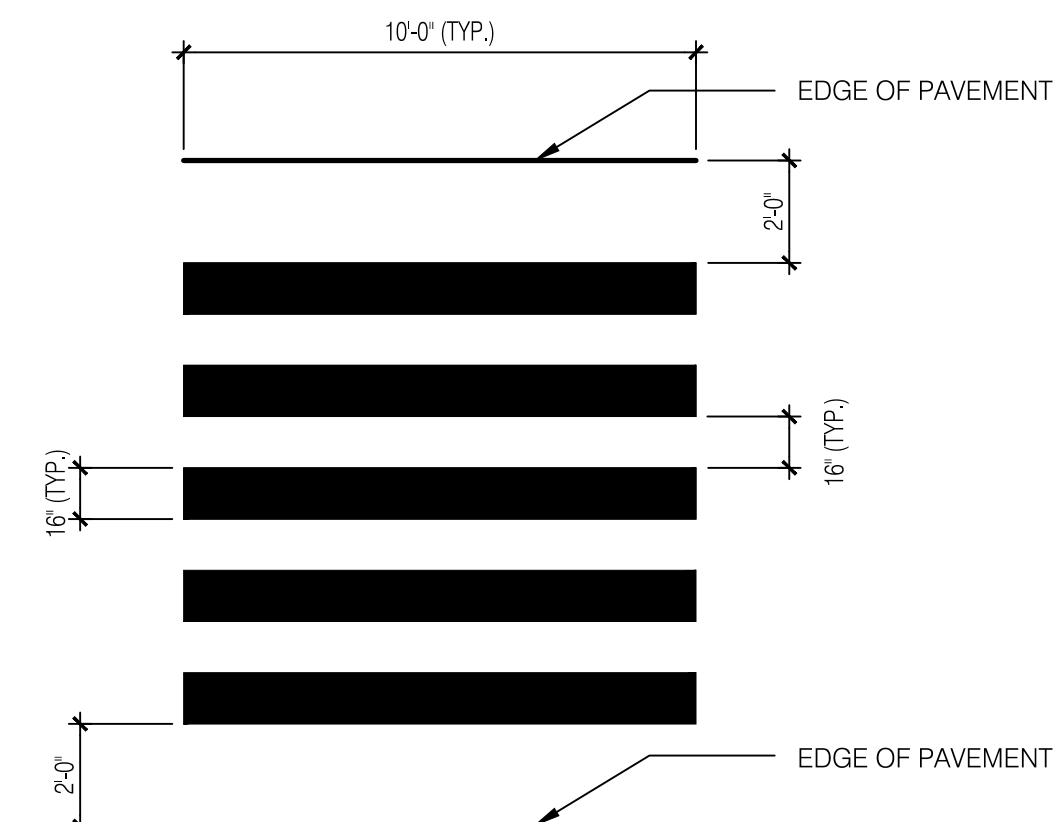
SCALE: N.T.S.



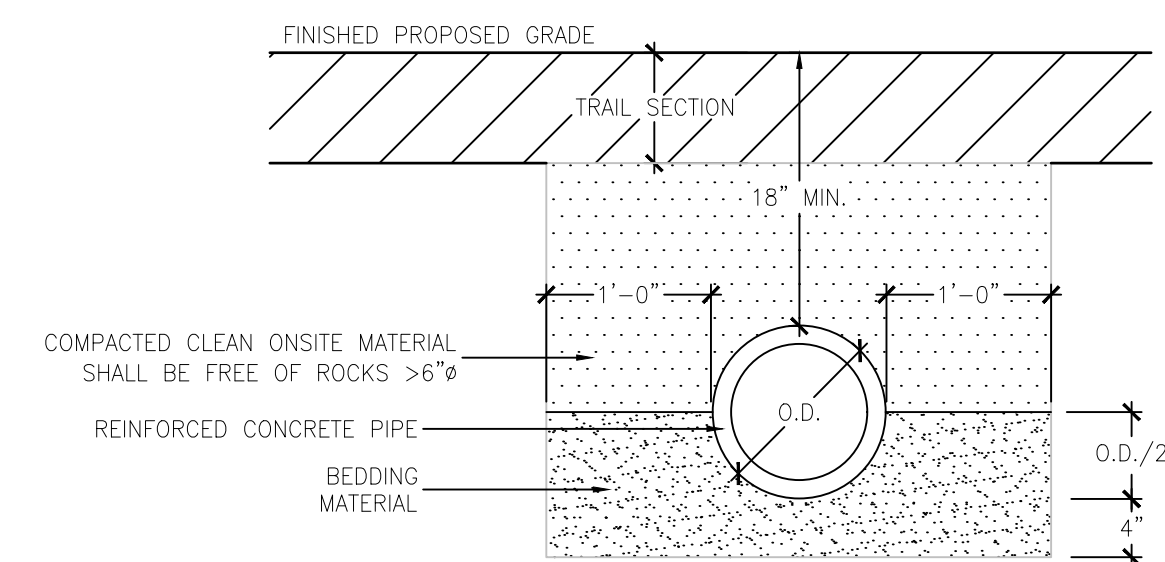
6 SCALE: N.T.S.



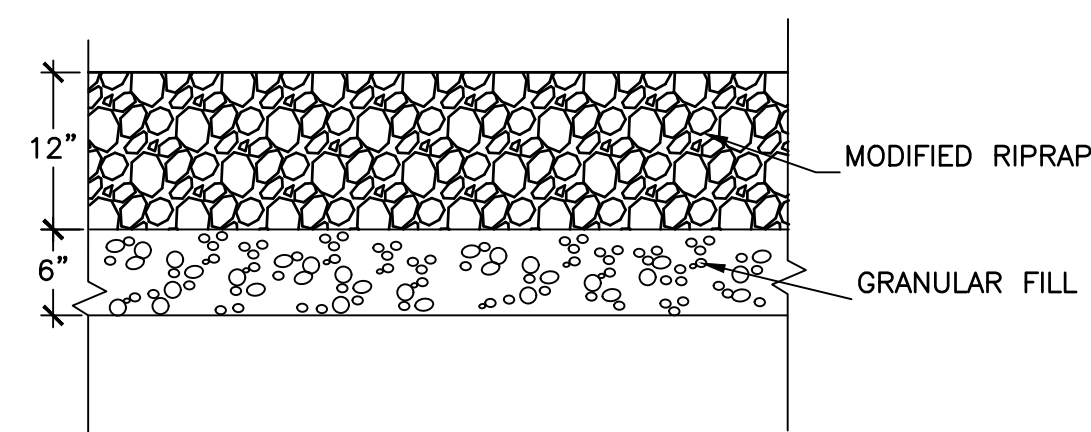
5 — CONSERVA
SCALE: N.T.S.



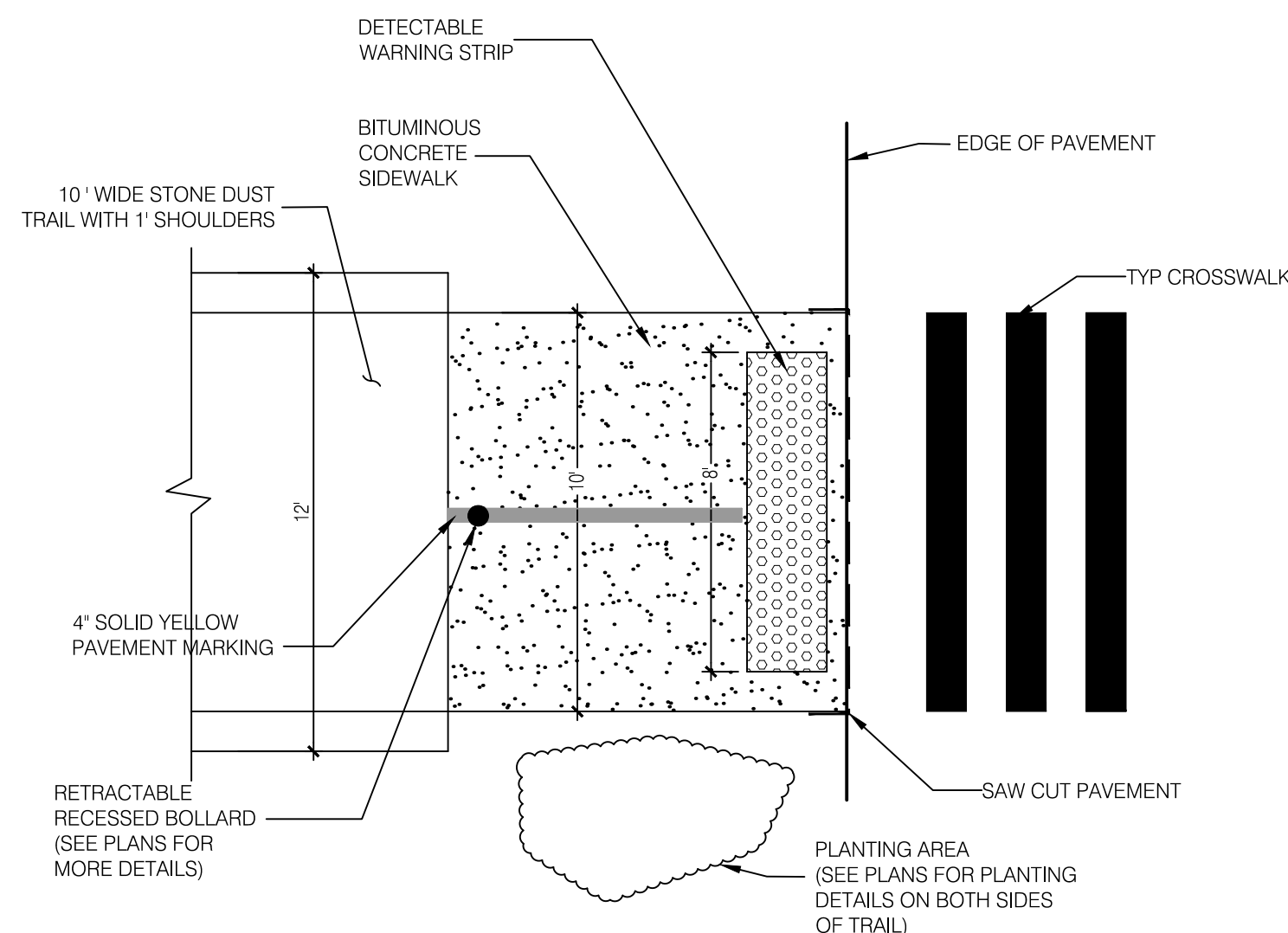
10 SCALE: N.T.S.



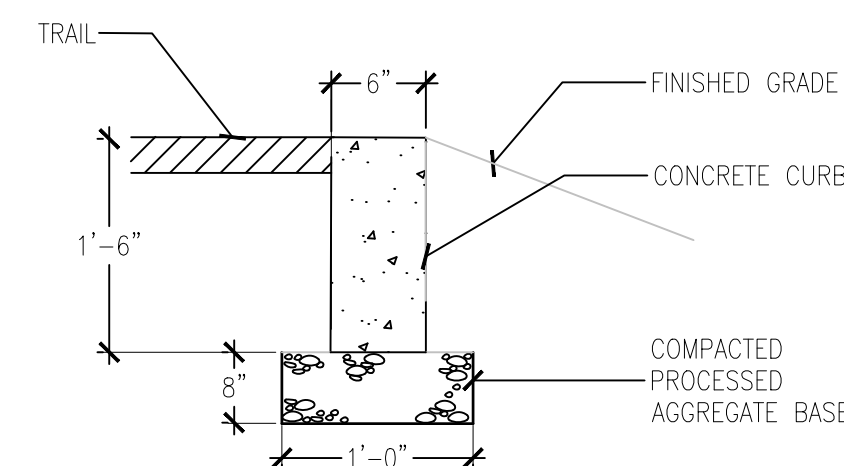
9 SCALE: N.T.S.



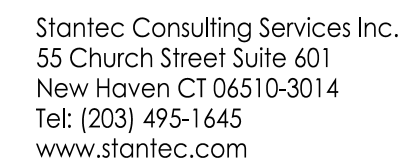
8 SEDIMENT
SCALE: N.T.S.



4 SCALE: N.T.S.



7 PRECAST
SCALE: NTS



Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.

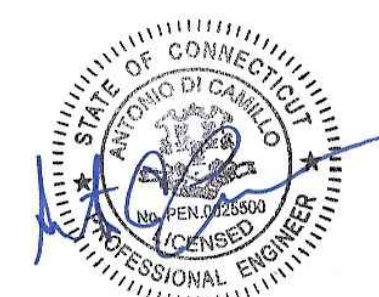
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued	By	Appd	YYYY.MM.DD
CONSTRUCTION DOCUMENTS	MFP/ASM	AD	2025.02.27

File Name: C-301-3XX_HVRT_DETAILS



Client/Project Logo



Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

DETAILS

Project No.
2020-65

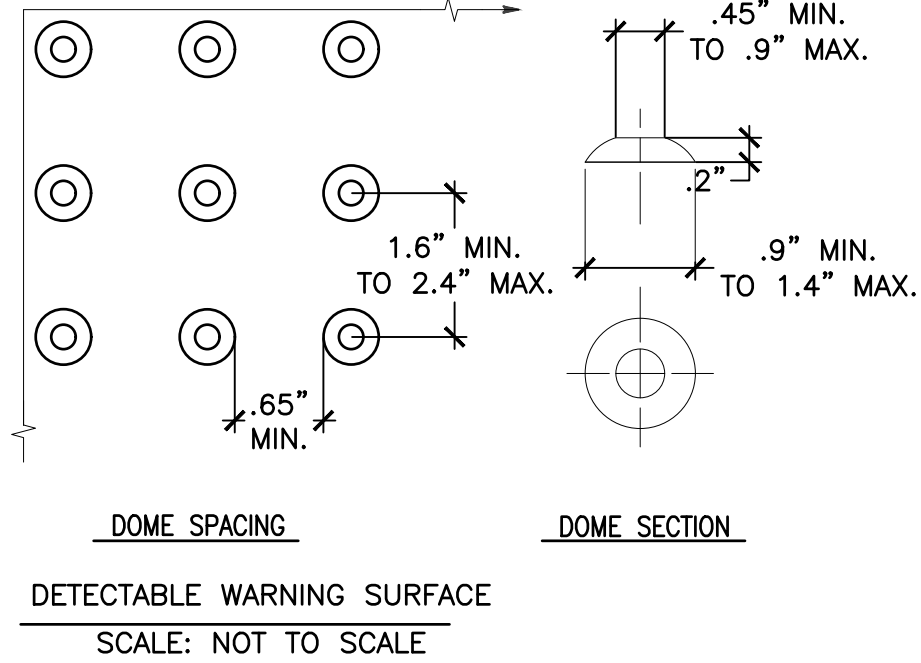
Scale
AS NOTED
Drawing No.
C-302

D

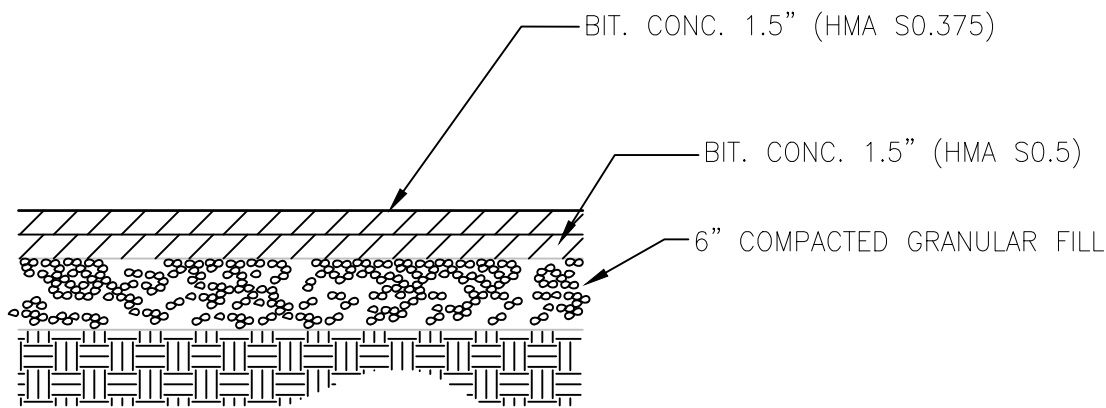
C

B

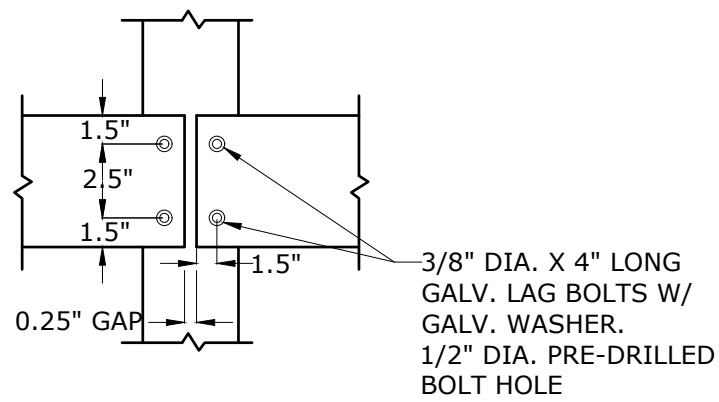
A



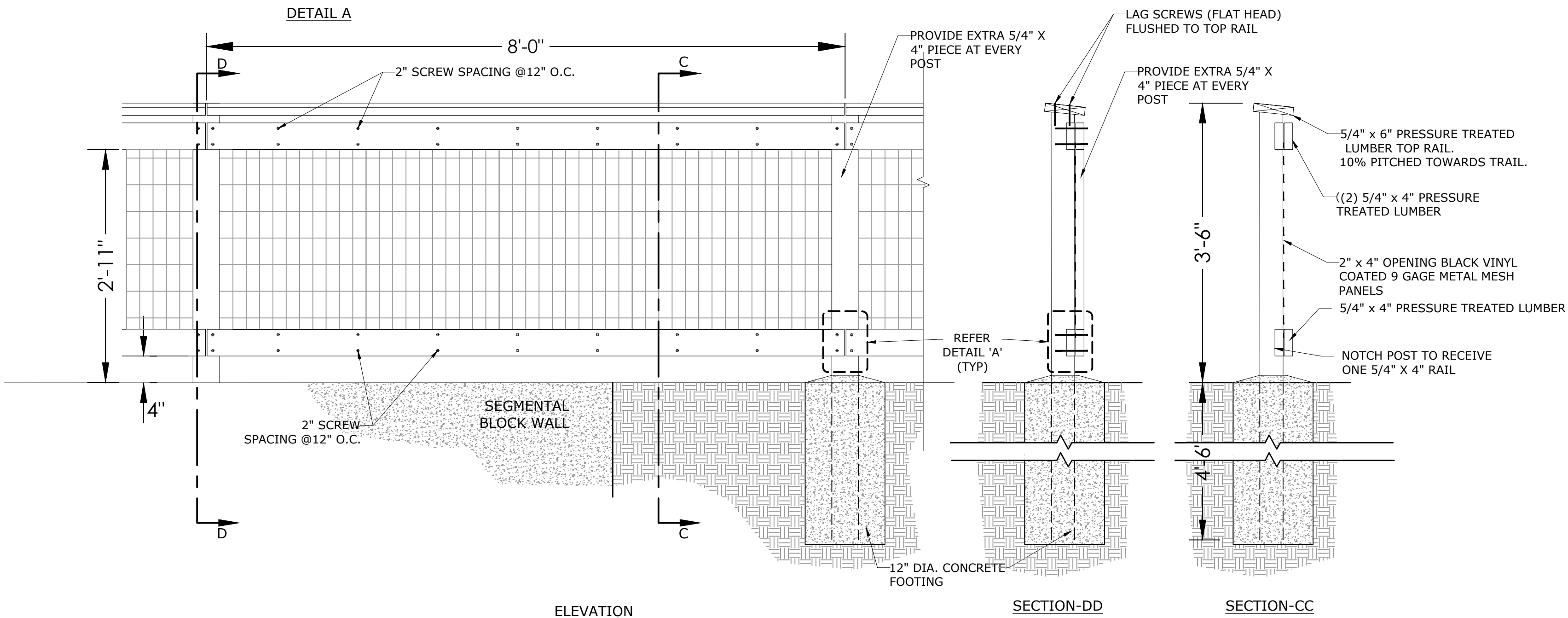
3 DETECTABLE WARNING SURFACE
SCALE: N.T.S.



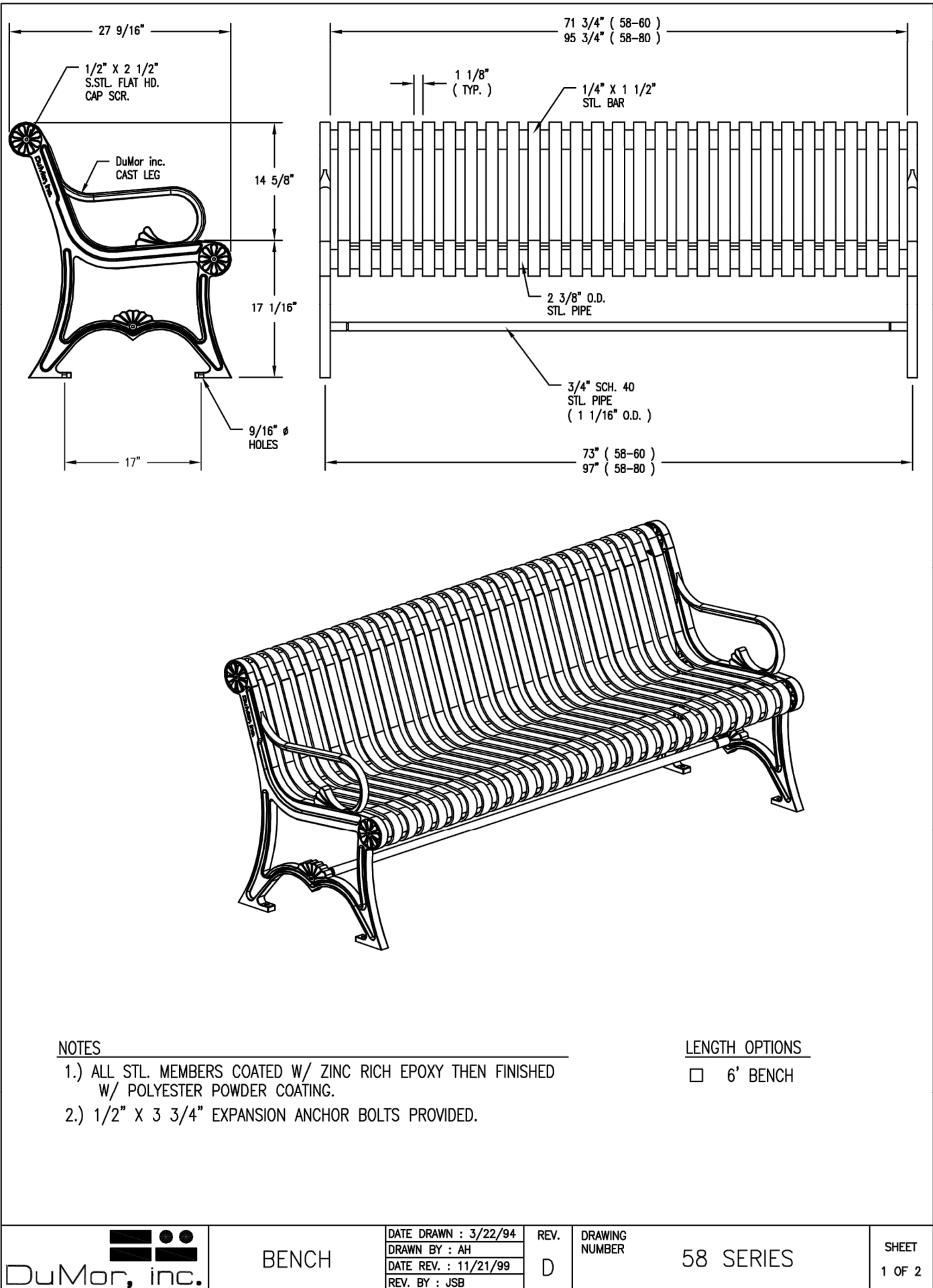
2 BITUMINOUS CONCRETE PAVEMENT
SCALE: NTS



5 TYPICAL BENCH DETAILS
SCALE: N.T.S.

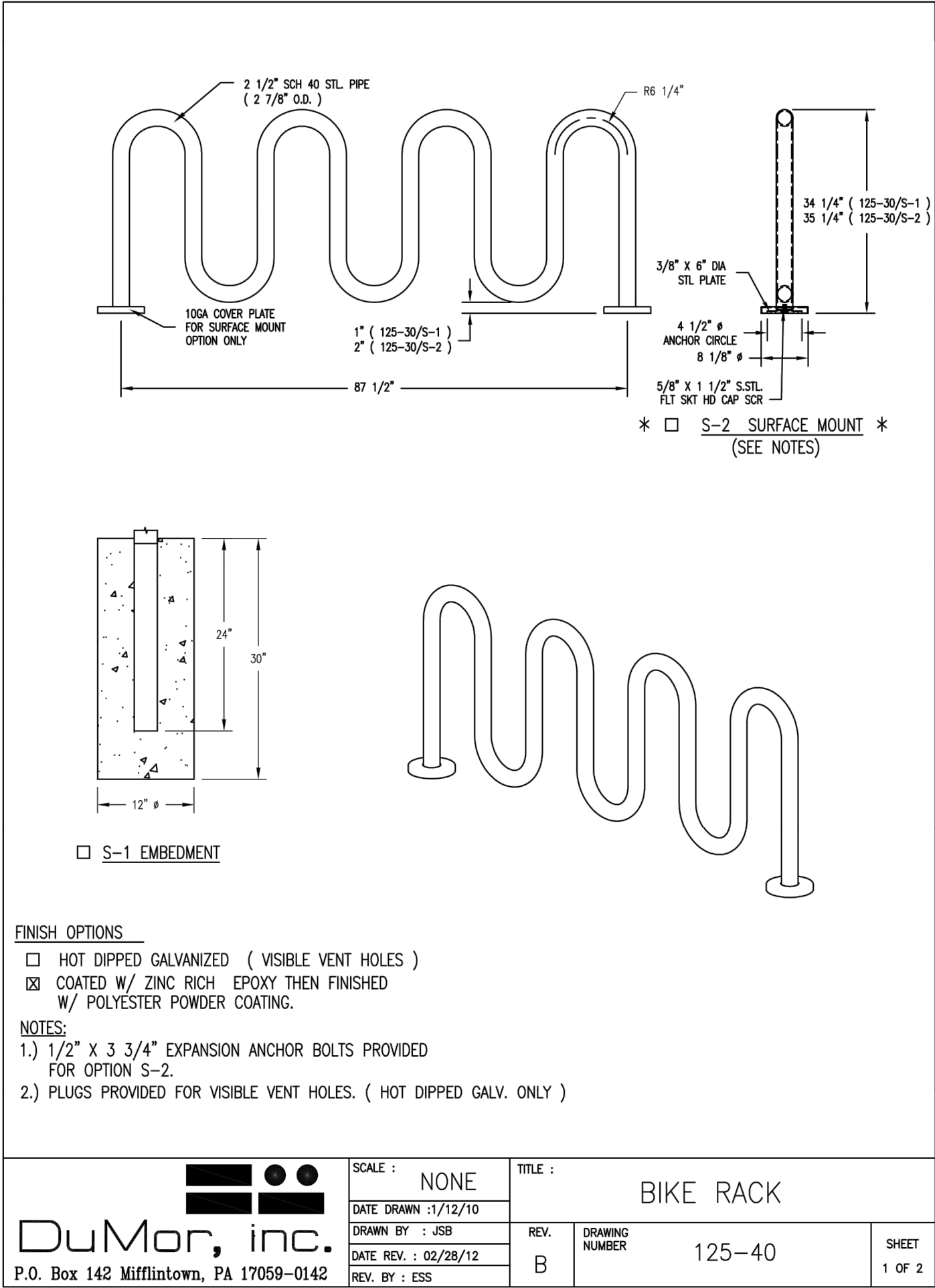


1 WOOD FENCE
SCALE: N.T.S.



- NOTES
- 1.) ALL STL. MEMBERS COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
 - 2.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED.
- LENGTH OPTIONS
- ☐ 6' BENCH

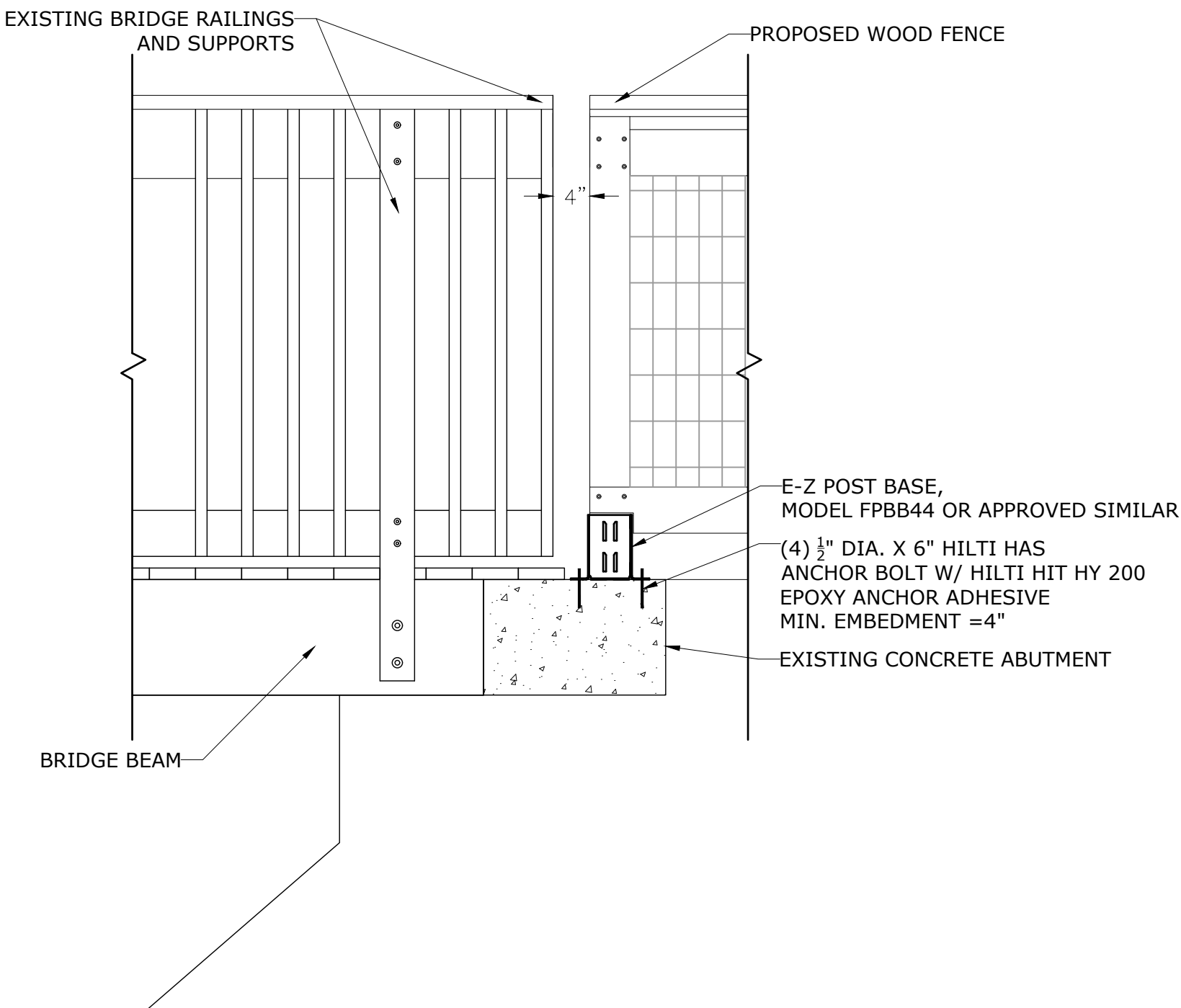
	BENCH	DATE DRAWN : 3/22/94	REV. D	DRAWING NUMBER	58 SERIES	SHEET 1 OF 2
		DRAWN BY : JH				
		DATE REV. : 11/21/99				
		REV. BY : JSB				



- FINISH OPTIONS
- ☐ HOT DIPPED GALVANIZED (VISIBLE VENT HOLES)
 - ☒ COATED W/ ZINC RICH EPOXY THEN FINISHED W/ POLYESTER POWDER COATING.
- NOTES:
- 1.) 1/2" X 3 3/4" EXPANSION ANCHOR BOLTS PROVIDED FOR OPTION S-2.
 - 2.) PLUGS PROVIDED FOR VISIBLE VENT HOLES. (HOT DIPPED GALV. ONLY)

	SCALE : NONE	TITLE : BIKE RACK	REV. B	DRAWING NUMBER	125-40	SHEET 1 OF 2

6 TYPICAL BIKE RACK DETAILS
SCALE: N.T.S.



4 BRIDGE RAILING CONNECTION TO PROPOSED WOOD FENCE
SCALE: N.T.S.



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or
use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision By Appd YYYY.MM.DD

Issued CONSTRUCTION DOCUMENTS By Appd YYYY.MM.DD
MFP/ASM AD 2025.02.27

File Name: C-301-3XX_HVRT_DETAILS

Permit/Seal



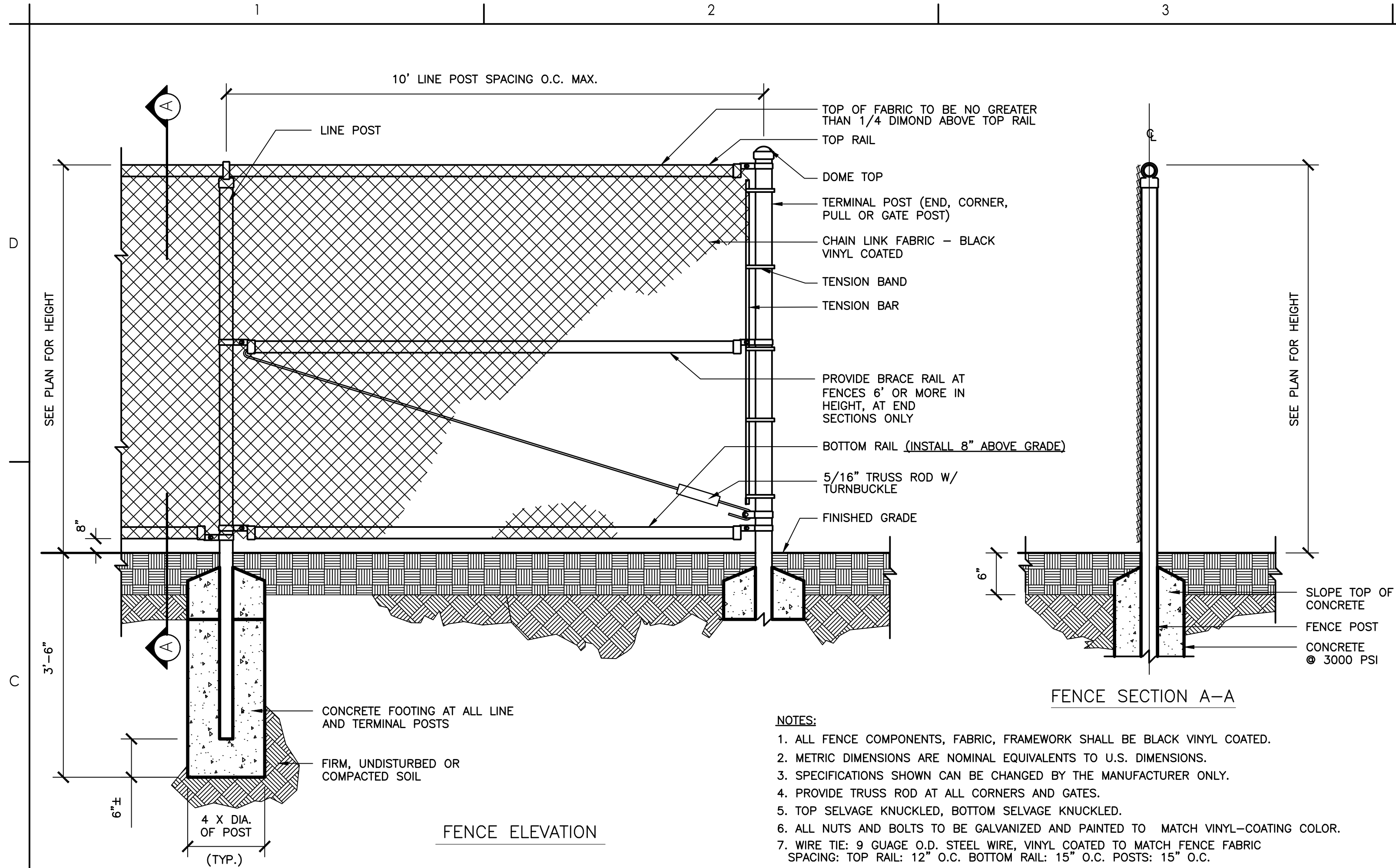
Client/Project Logo



Client/Project
TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

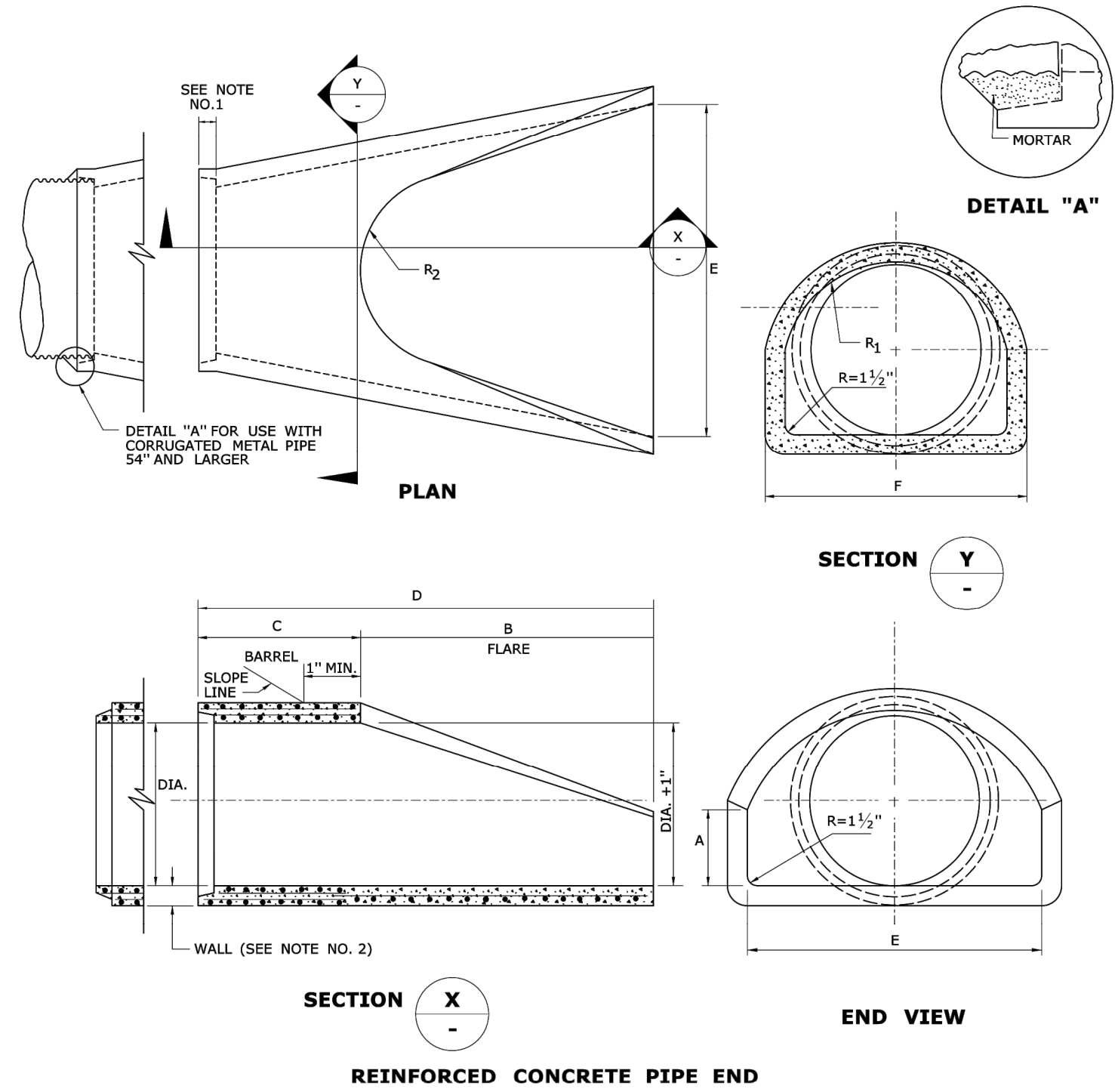
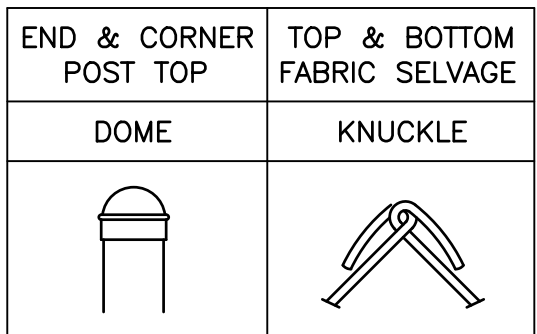
Title
DETAILS

Project No.
2020-65
Scale
AS NOTED
Drawing No.
C-304



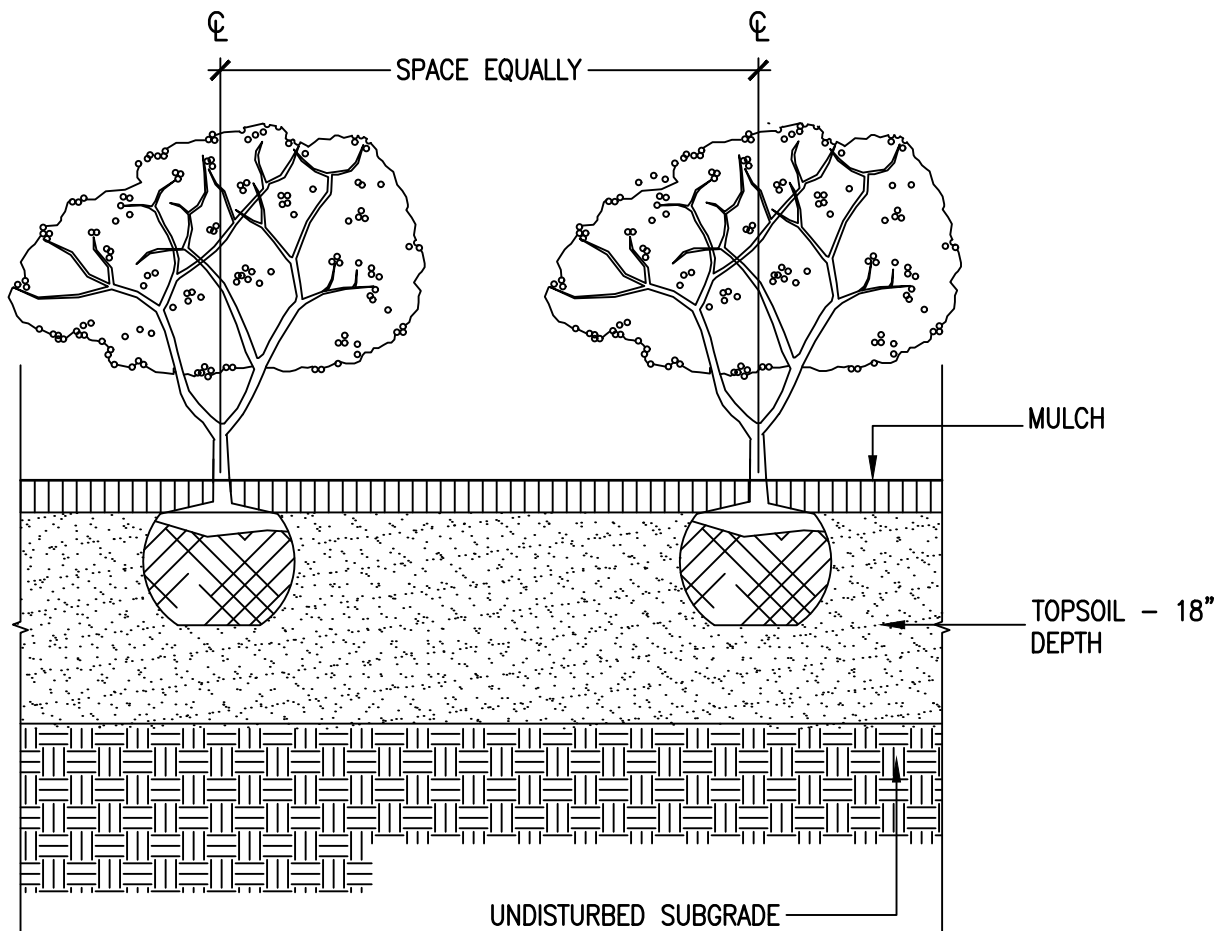
- NOTES:
1. ALL FENCE COMPONENTS, FABRIC, FRAMEWORK SHALL BE BLACK VINYL COATED.
 2. METRIC DIMENSIONS ARE NOMINAL EQUIVALENTS TO U.S. DIMENSIONS.
 3. SPECIFICATIONS SHOWN CAN BE CHANGED BY THE MANUFACTURER ONLY.
 4. PROVIDE TRUSS ROD AT ALL CORNERS AND GATES.
 5. TOP SELVAGE KNUCKLED, BOTTOM SELVAGE KNUCKLED.
 6. ALL NUTS AND BOLTS TO BE GALVANIZED AND PAINTED TO MATCH VINYL-COATING COLOR.
 7. WIRE TIE: 9 GAUGE O.D. STEEL WIRE, VINYL COATED TO MATCH FENCE FABRIC SPACING: TOP RAIL: 12\"/>

SIZING SCHEDULE FOR FENCE FRAMEWORK										
HEIGHT OF FENCE	DIAMETER OF LINE POSTS	POST SPACING MAXIMUM	CORNER AND END POST	TOP RAIL	MID RAILS	BOTTOM RAIL	DEPTH OF POST INTO CURB AND FOOTING AT:		HORIZONTAL BRACES AT CORNER & END POST	DIAGONAL BRACES
							LINE POST	END/CORNER/ GATE POST		
4'-0"	2"	6'-0"	2 1/2"	1 5/8"	0	1 5/8"	1'-0"	1'-0"	0	0
6'-0"	2"	6'-0"	2 1/2"	1 5/8"	0	1 5/8"	1'-8"	1'-8"	0	1/2" DIA.
8'-0"	2 1/2"	8'-0"	3"	1 5/8"	0	1 5/8"	1'-8"	1'-8"	1 AT 1 5/8"	1/2" DIA.
10'-0"	3"	10'-0"	4"	1 5/8"	1 - 1 5/8"	1 5/8"	3'-2"	3'-2"	2 AT 1 5/8"	1/2" DIA.



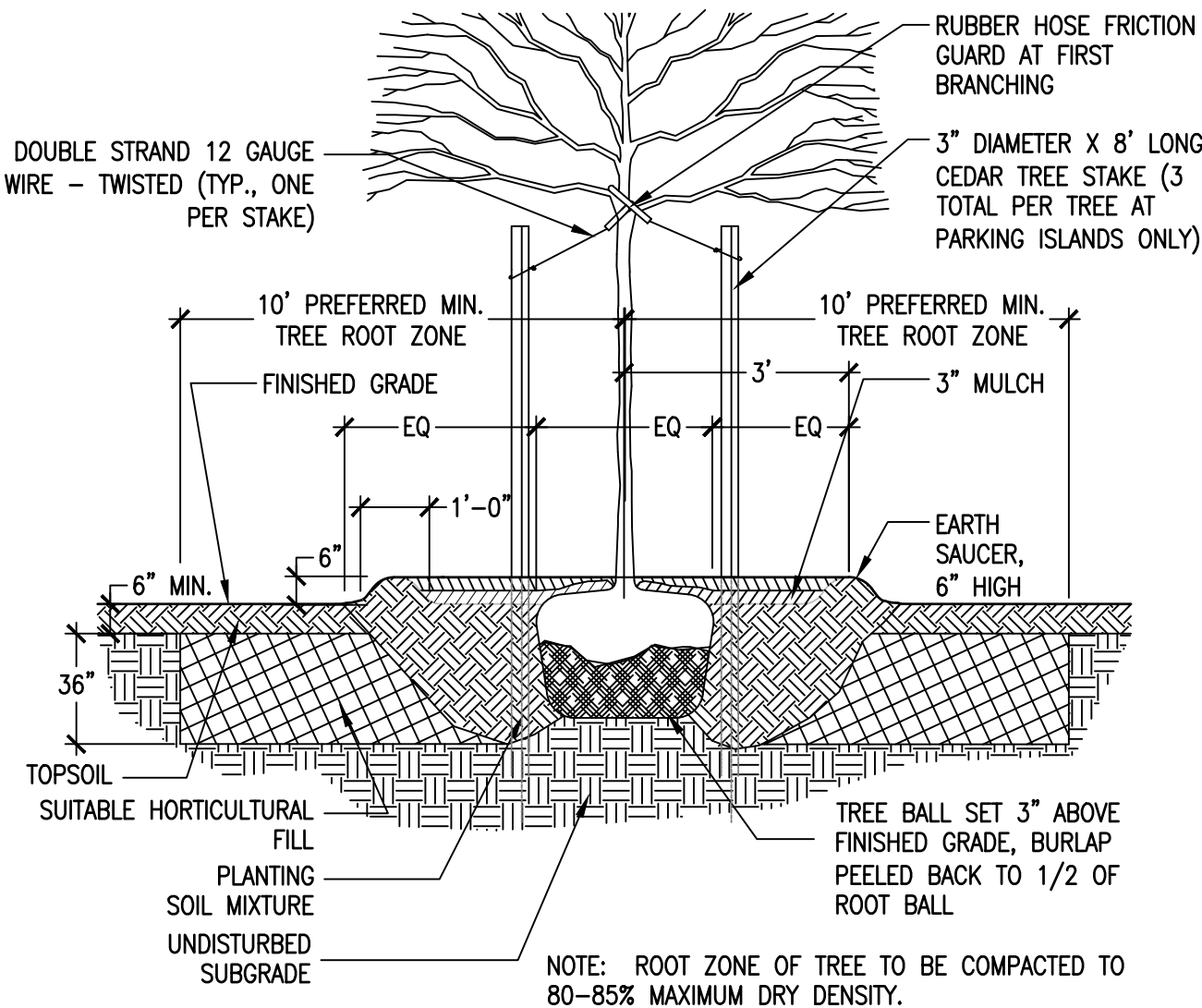
DIMENSIONS FOR REINFORCED CONCRETE PIPE END										FLARE REINFORCEMENT	
DIA.	A	B	C	D	E	F	R ₁	R ₂		ONE LAYER ONLY IN CENTER OF WALL	MIN. AREA OF TRANSVERSE STEEL
12"	4"	2'-0"	4'-0 3/8"	6'-0 3/8"	2'-0"	1'-7 15/16"	10 1/4"	9"		MIN. AREA OF LONGITUDINAL STEEL SQ. IN. PER FT.	MIN. AREA OF TRANSVERSE STEEL SQ. IN. PER FT.
15"	6"	2'-3"	3'-10"	6'-1"	2'-6"	2'-0 3/16"	1'-0 1/2"	11"		0.048	0.048
18"	9"	2'-3"	3'-10"	6'-1"	3'-0"	2'-5"	1'-3 1/2"	1'-0"		0.054	0.054
21"	9"	2'-11"	3'-2"	6'-1"	3'-6"	2'-7 1/2"	1'-4"	1'-1"		0.060	0.060
24"	9 1/2"	3'-7 1/2"	2'-4"	6'-11 1/2"	4'-0"	2'-9 3/8"	1'-4 13/16"	1'-2"		0.066	0.066
30"	1'-0"	4'-6"	1'-7 3/4"	8'-13 1/4"	5'-0"	3'-1"	1'-6 1/2"	1'-3"		0.072	0.072
36"	1'-3"	5'-3"	2'-10 3/4"	8'-13 1/4"	6'-0"	3'-11 13/16"	2'-0 5/16"	1'-8"		0.084	0.084
42"	1'-9"	5'-3"	2'-11"	8'-2"	6'-6"	4'-5 7/8"	2'-3 3/8"	1'-10"		0.096	0.096
48"	2'-0"	6'-0"	2'-2"	8'-2"	7'-0"	4'-8 1/2"	2'-4 1/2"	1'-10"		0.108	0.108
54"	2'-3"	5'-5"	2'-11"	8'-4"	7'-6"	5'-5 1/2"	2'-9 3/8"	2'-0"		0.120	0.120
60"	2'-9"	5'-0"	3'-3"	8'-3"	8'-0"	6'-0 1/2"	3'-0 11/16"	2'-0"		0.132	0.132
										0.144	0.144

CHAIN LINK FENCE DETAILS
SCALE: N.T.S.



SHRUB PLANTING DETAILS
SCALE: N.T.S.

PIPE END/ CULVERT END DETAILS
SCALE: N.T.S.



TREE PLANTING
SCALE: N.T.S.



Client/Project Logo



Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

DETAILS

Project No.
2020-65

Scale
AS NOTED

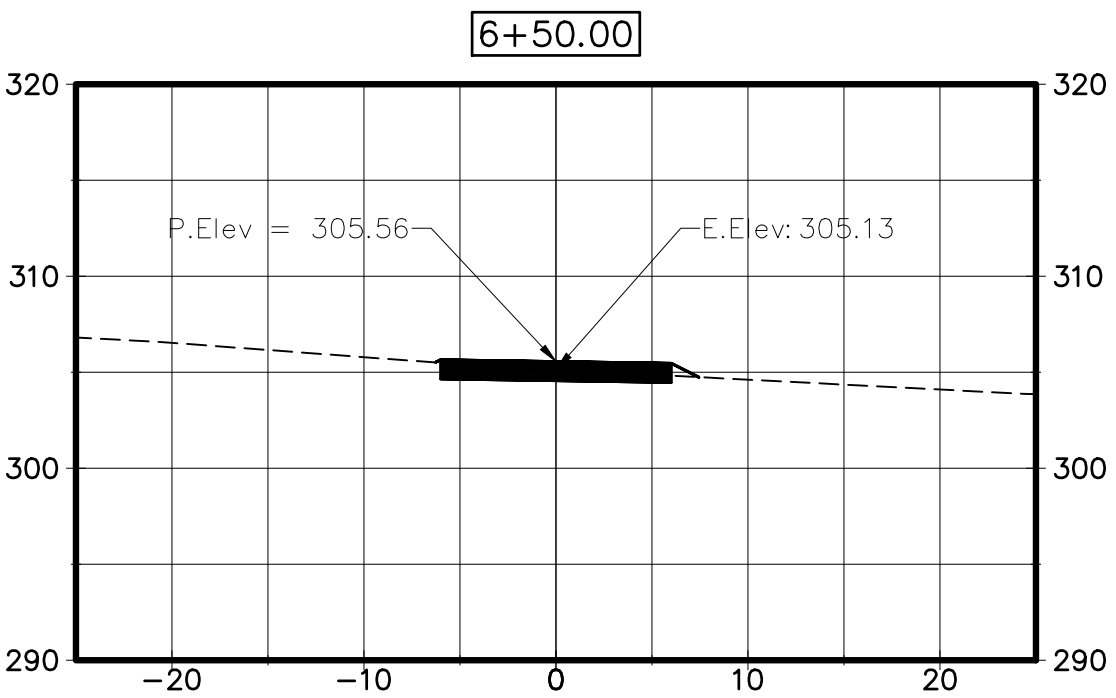
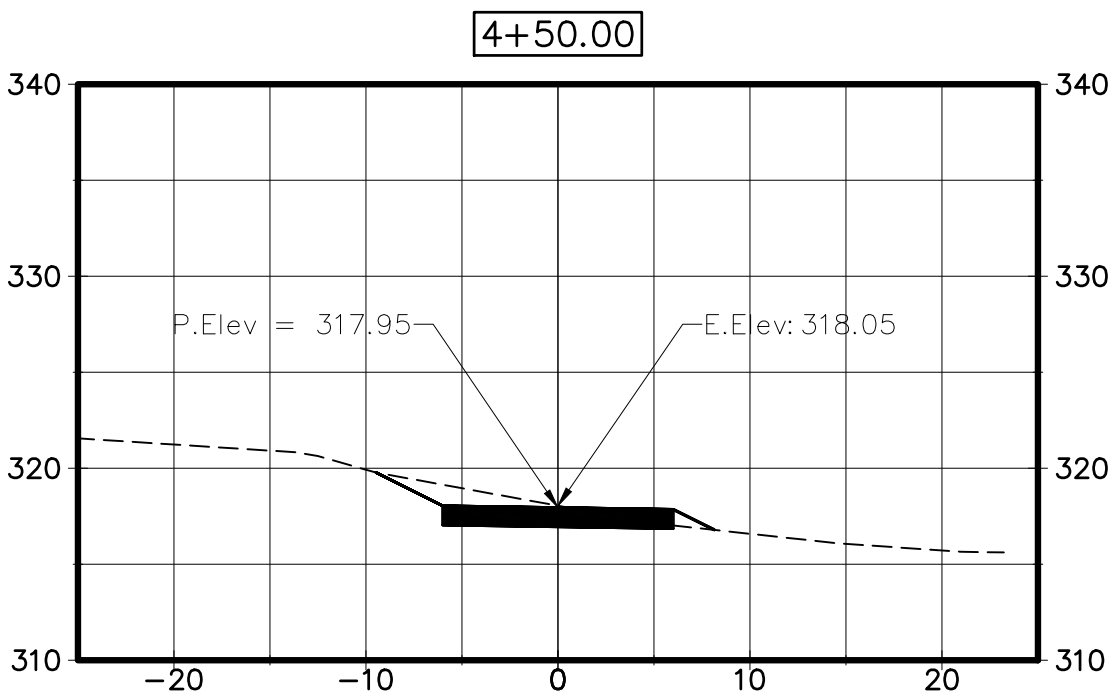
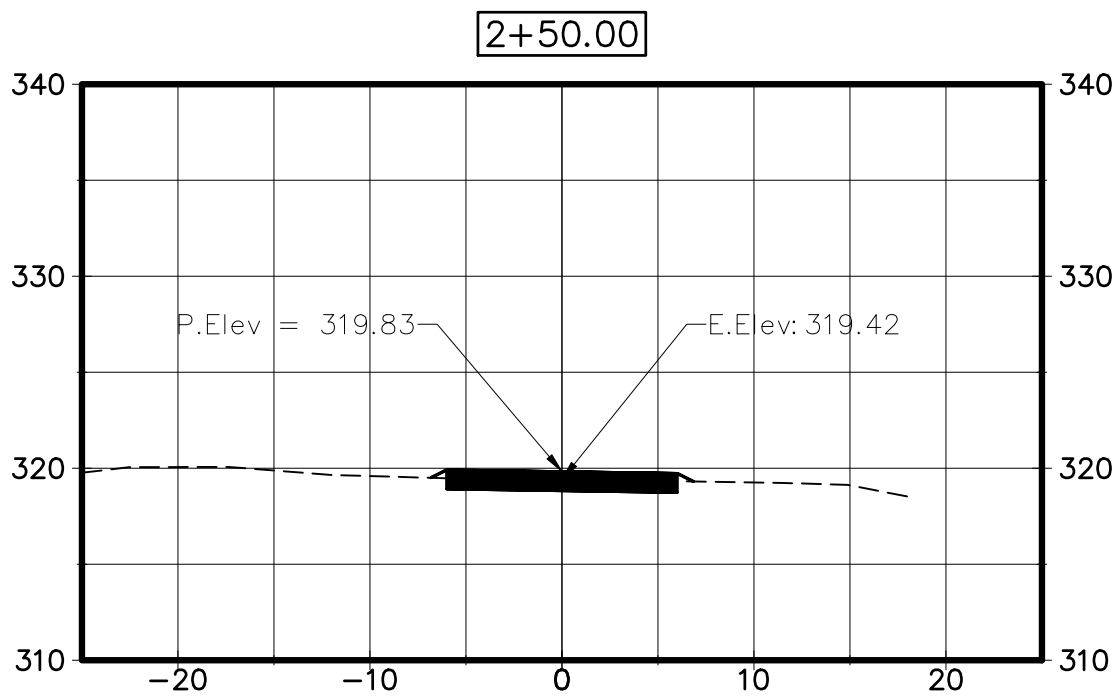
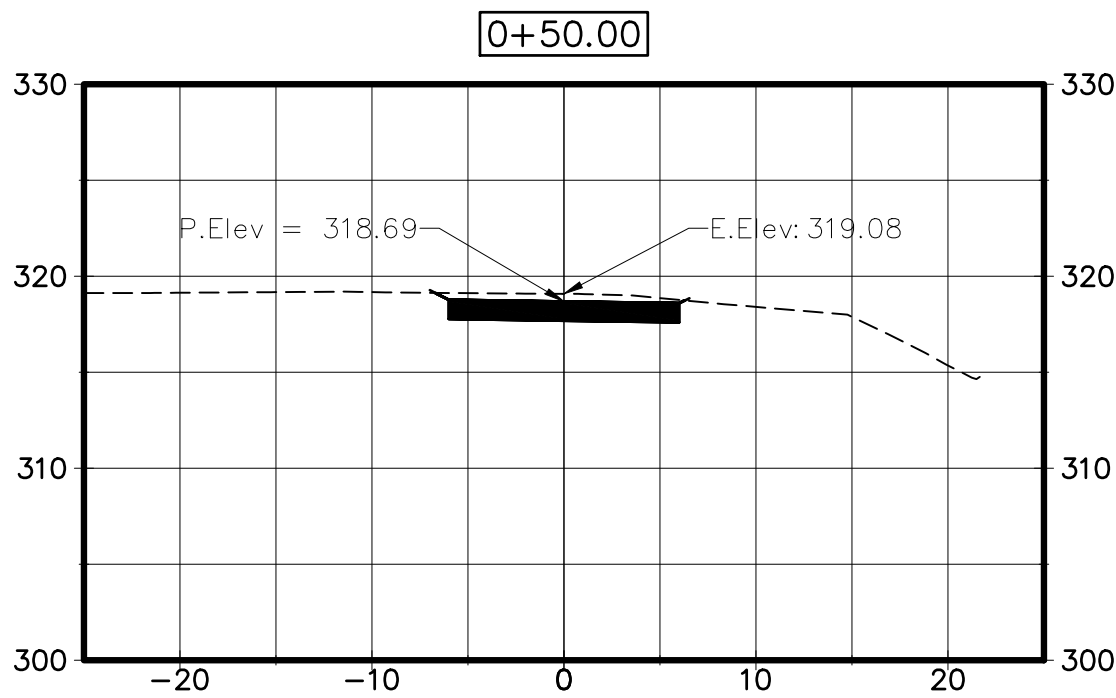
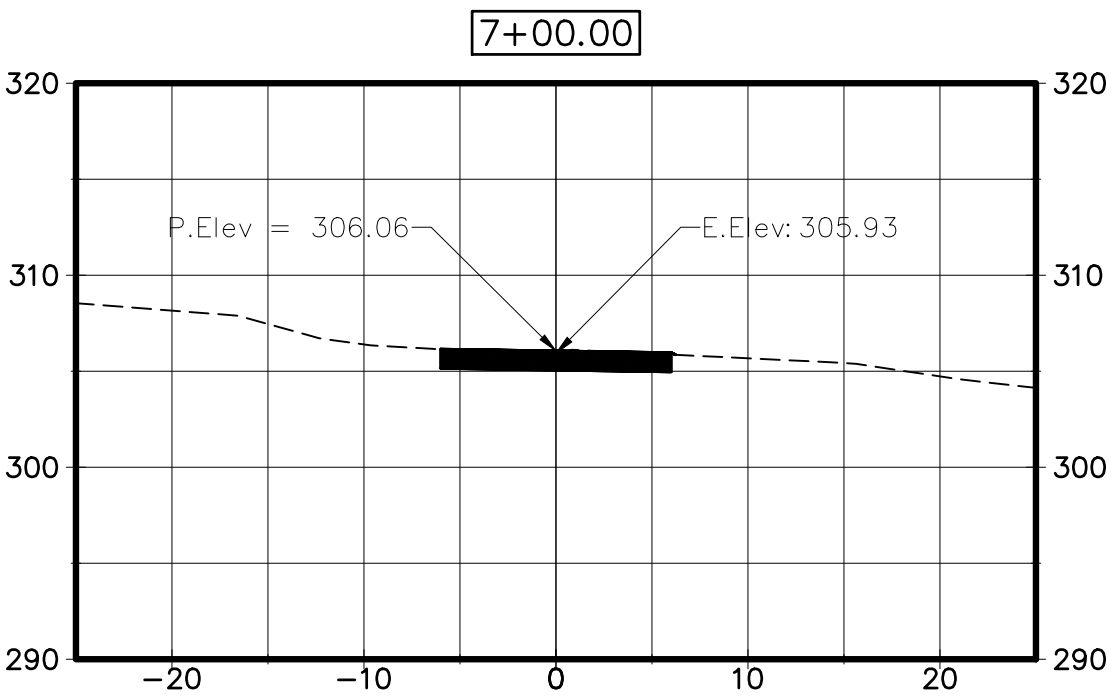
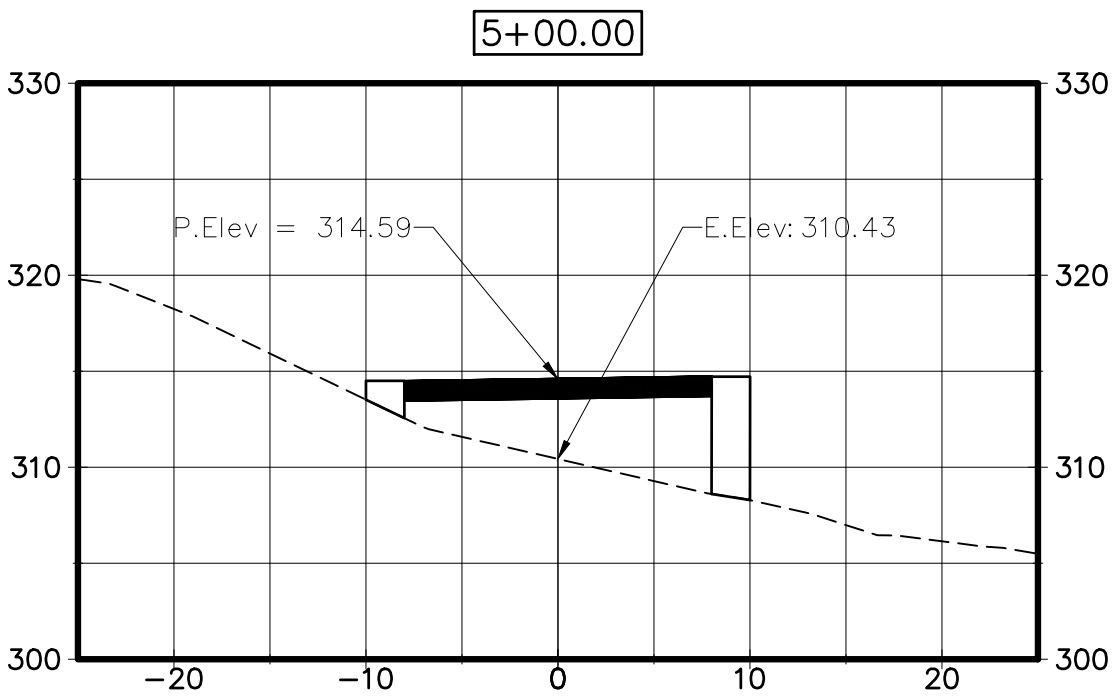
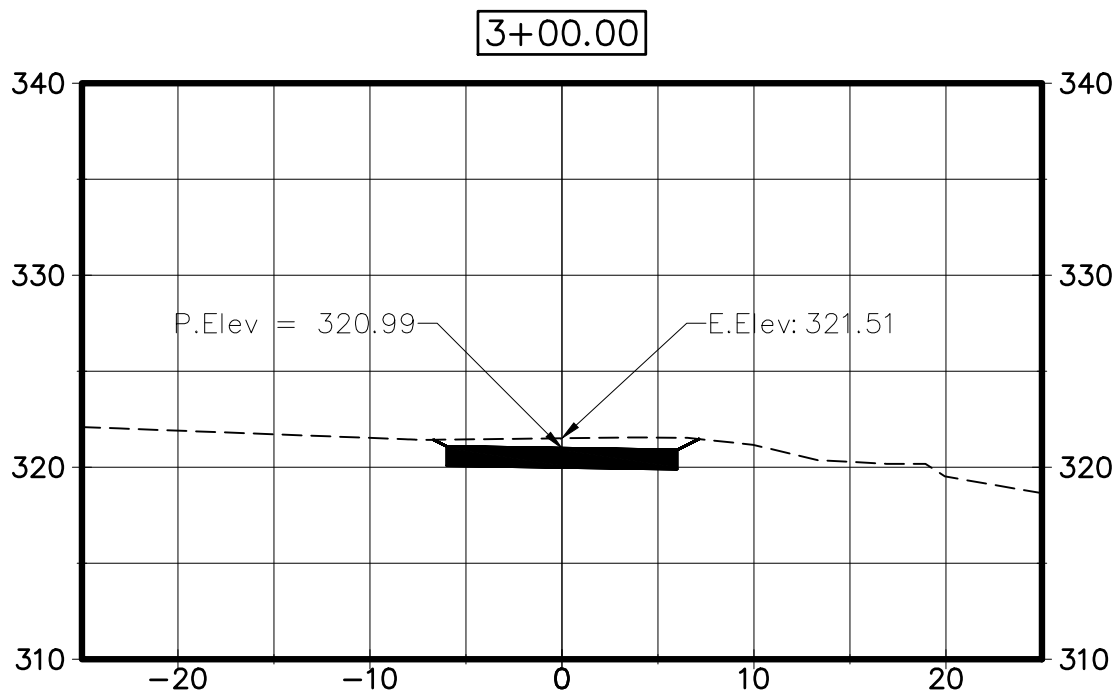
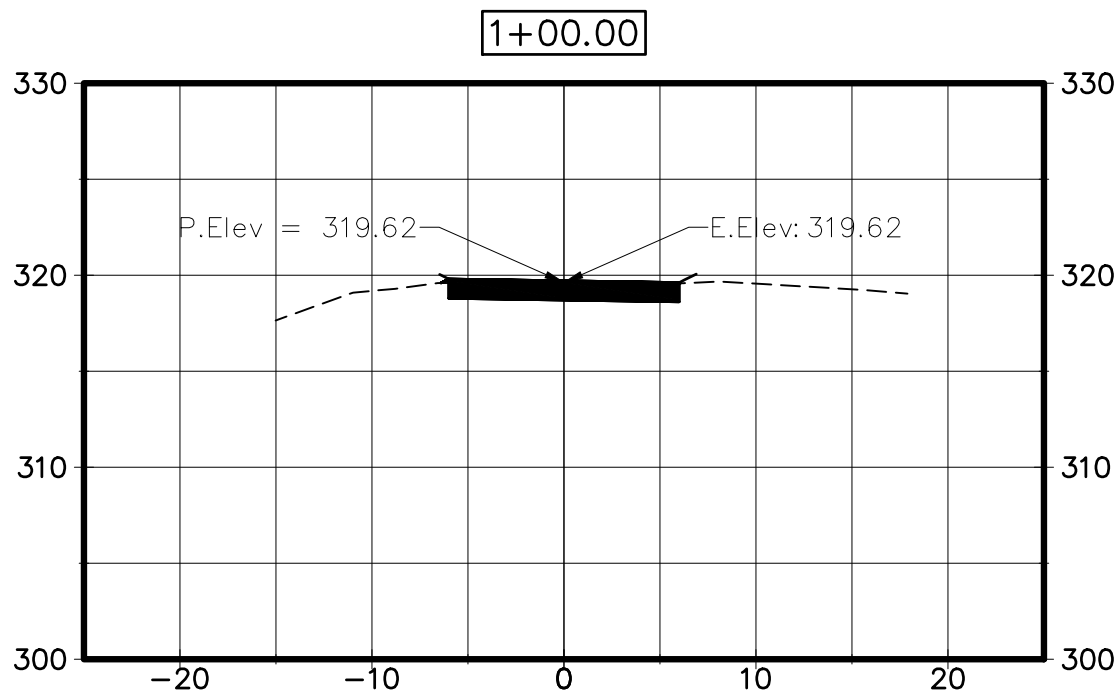
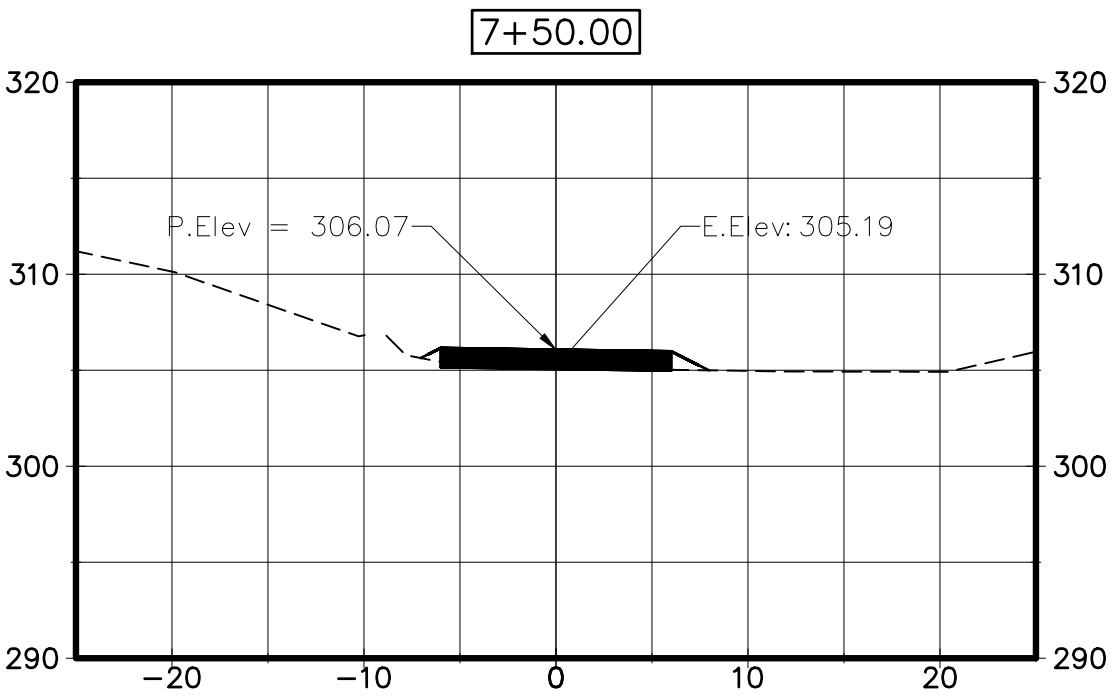
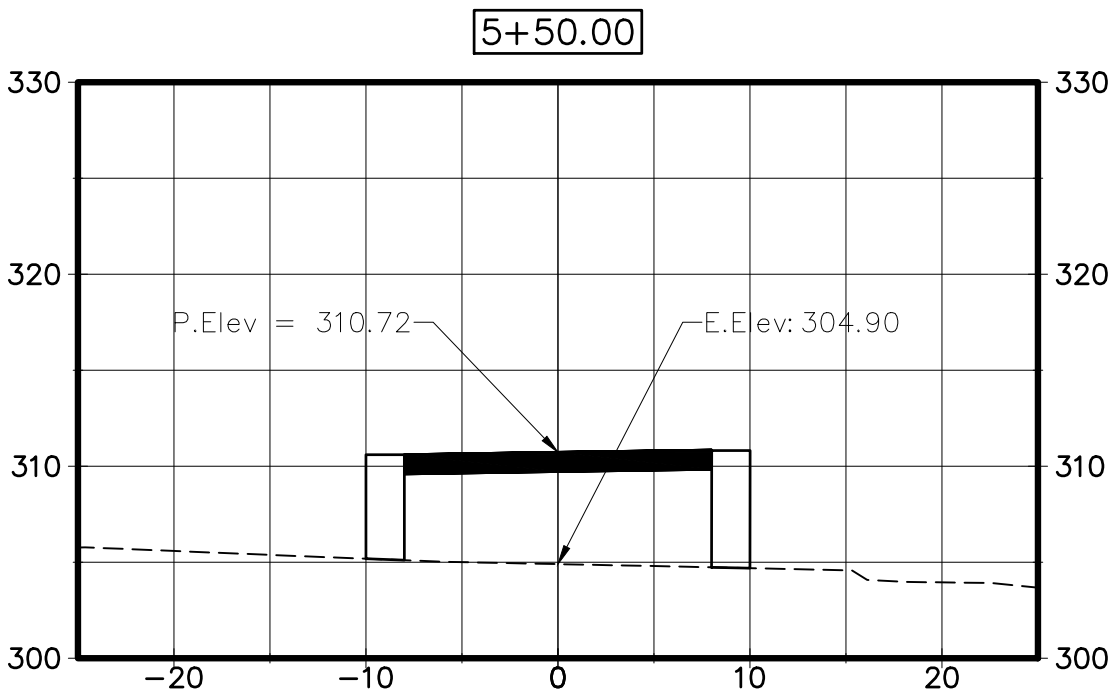
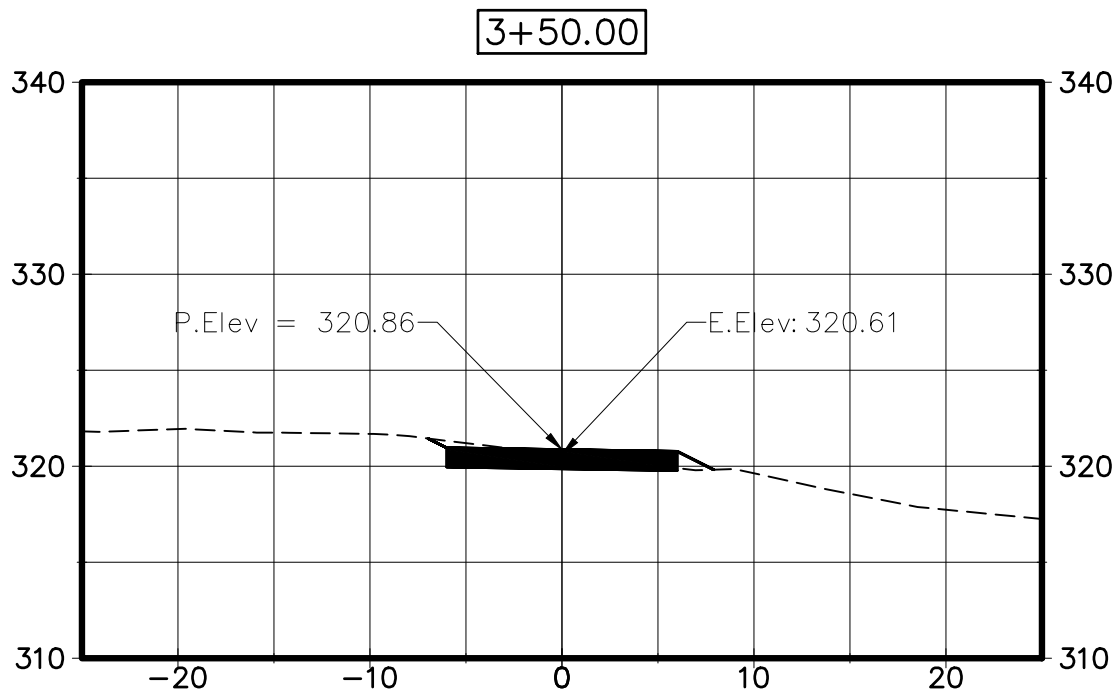
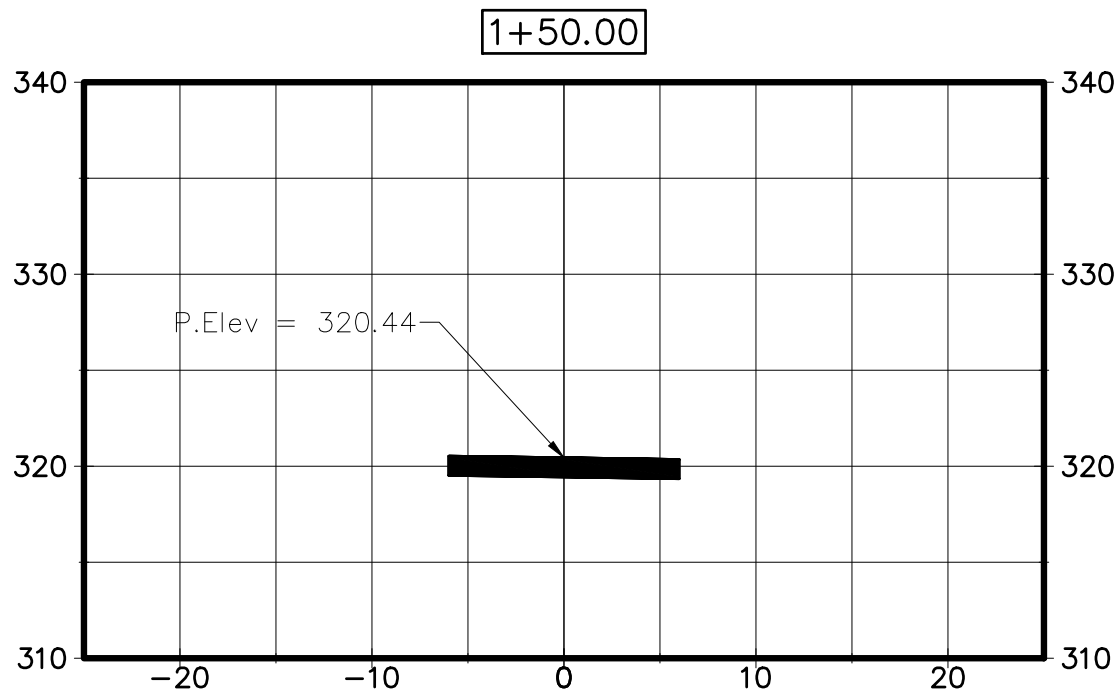
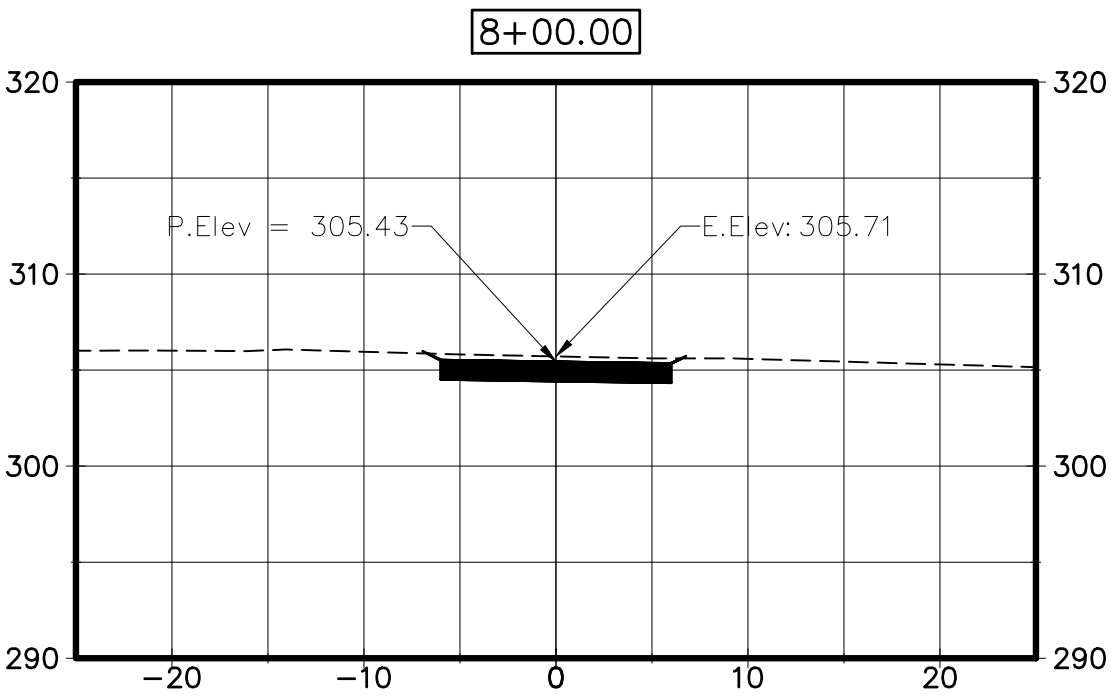
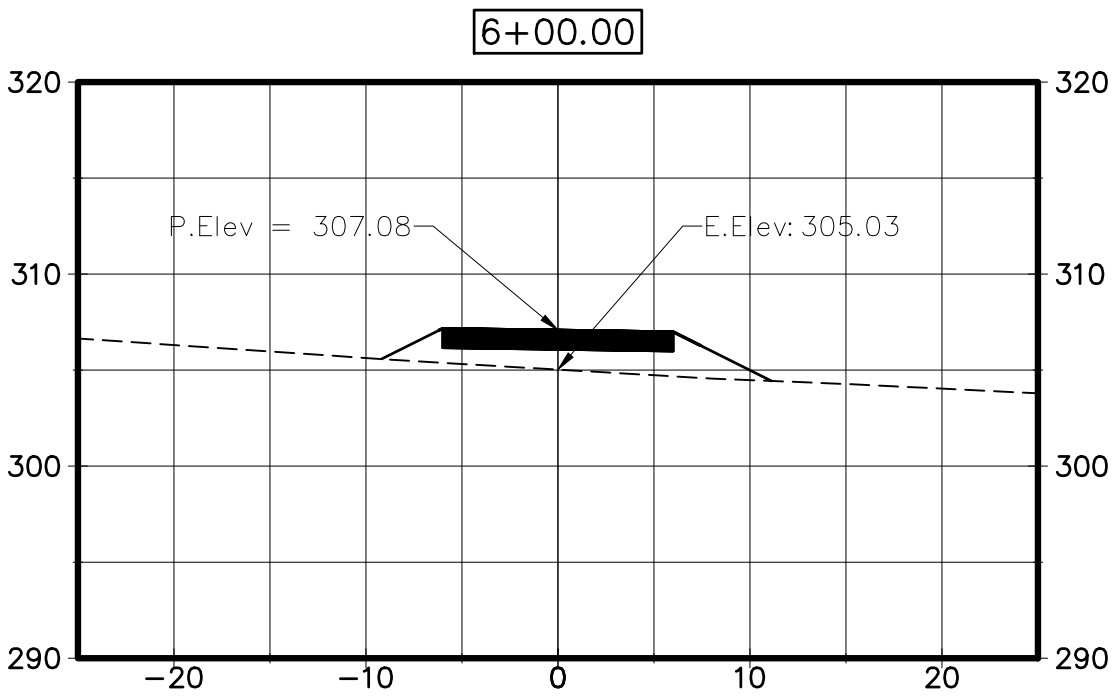
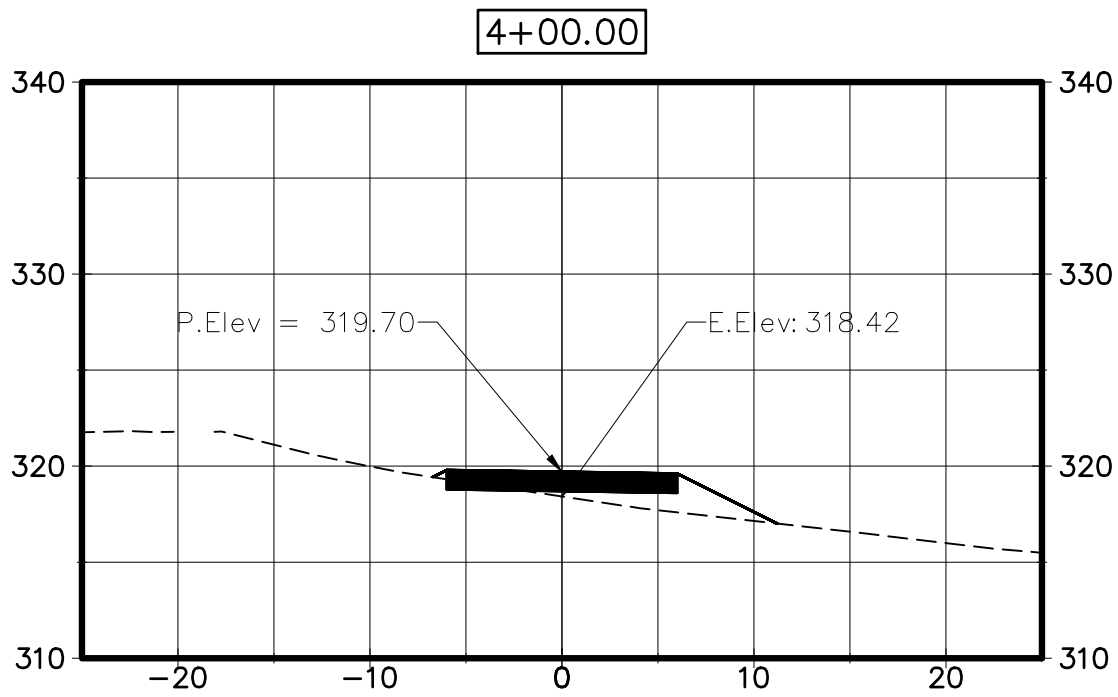
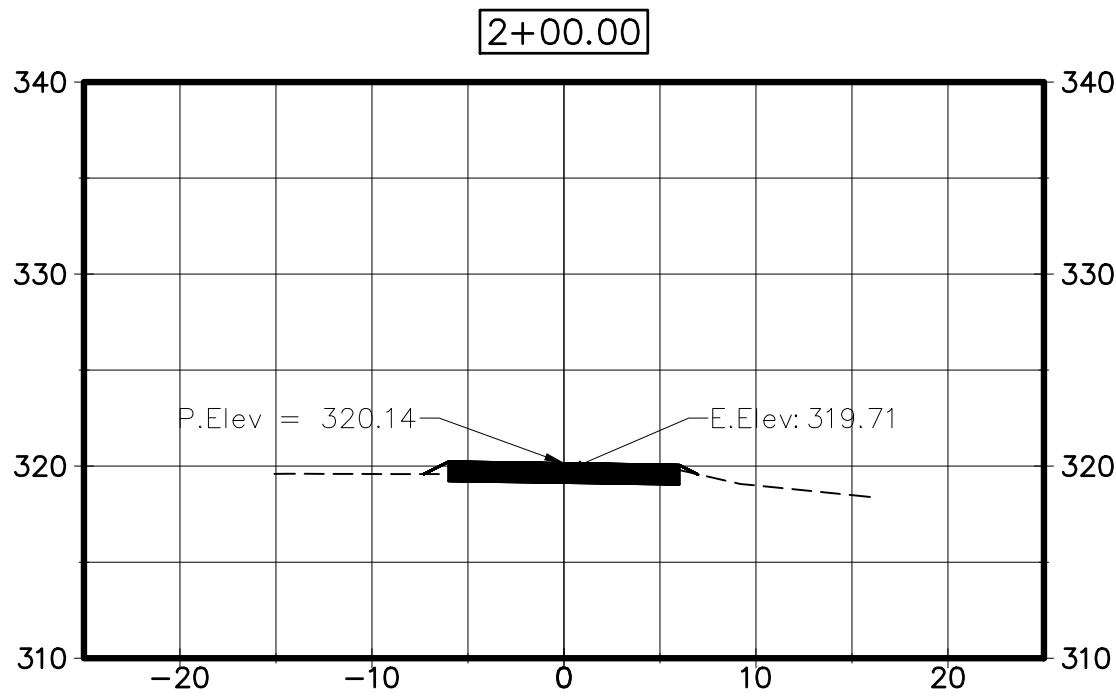
Drawing No.
C-305

D

C

B

A



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision By Appd YYYY.MM.DD

Issued CONSTRUCTION DOCUMENTS By Appd YYYY.MM.DD
MFP/ASM AD 2025.02.27

File Name: C-201-205_HVRT_SECTIONS

Permit/Seal



Client/Project Logo



Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

TRAIL SECTIONS

Project No.

2020-65

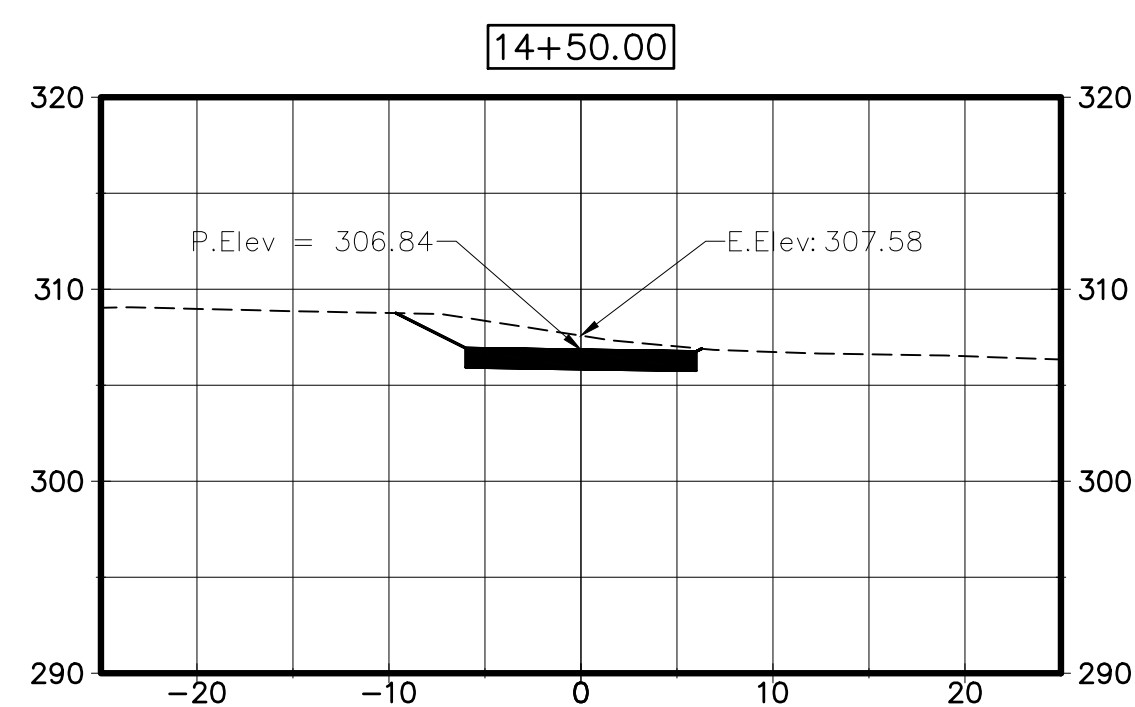
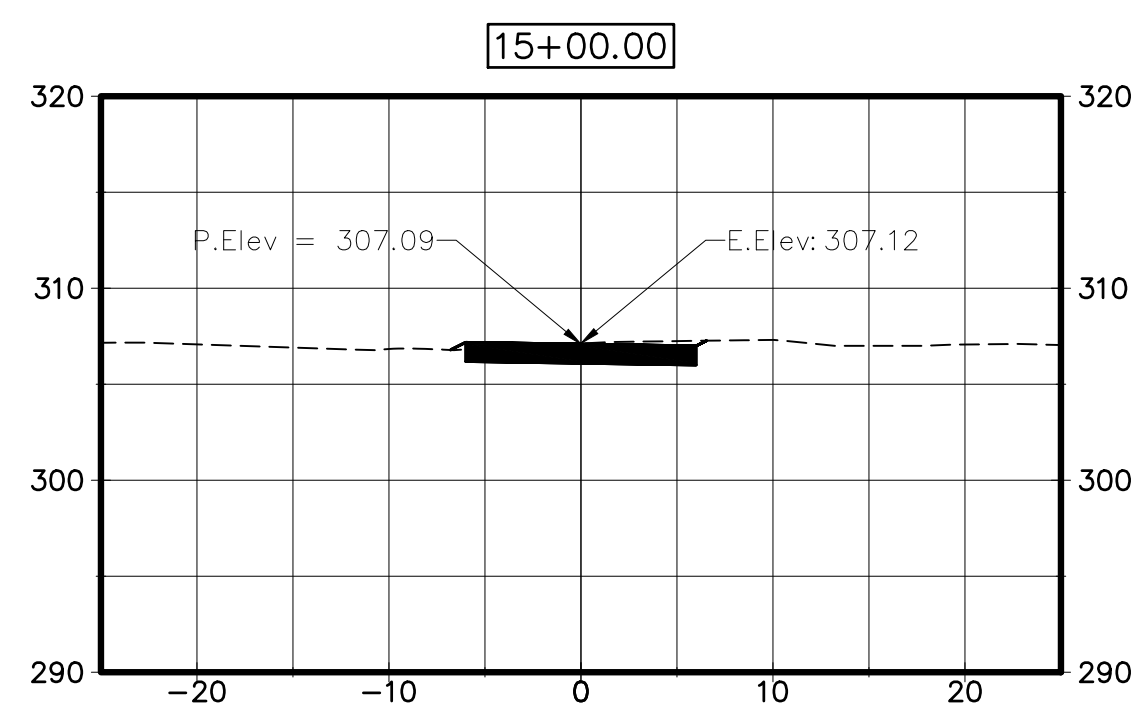
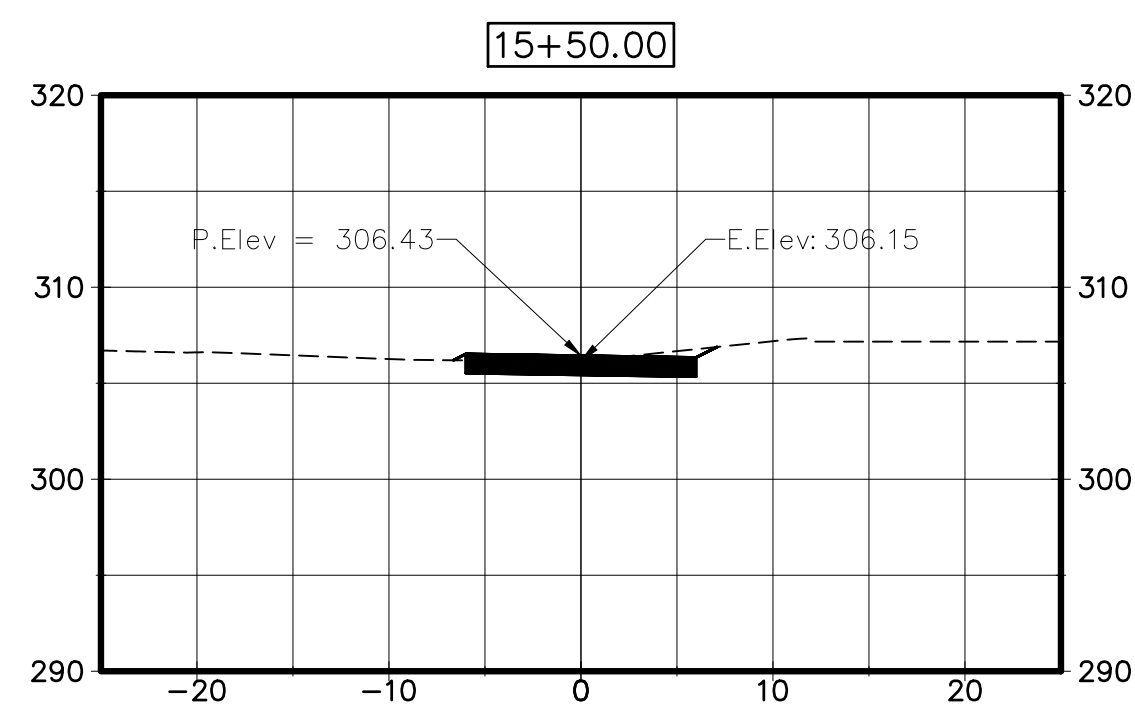
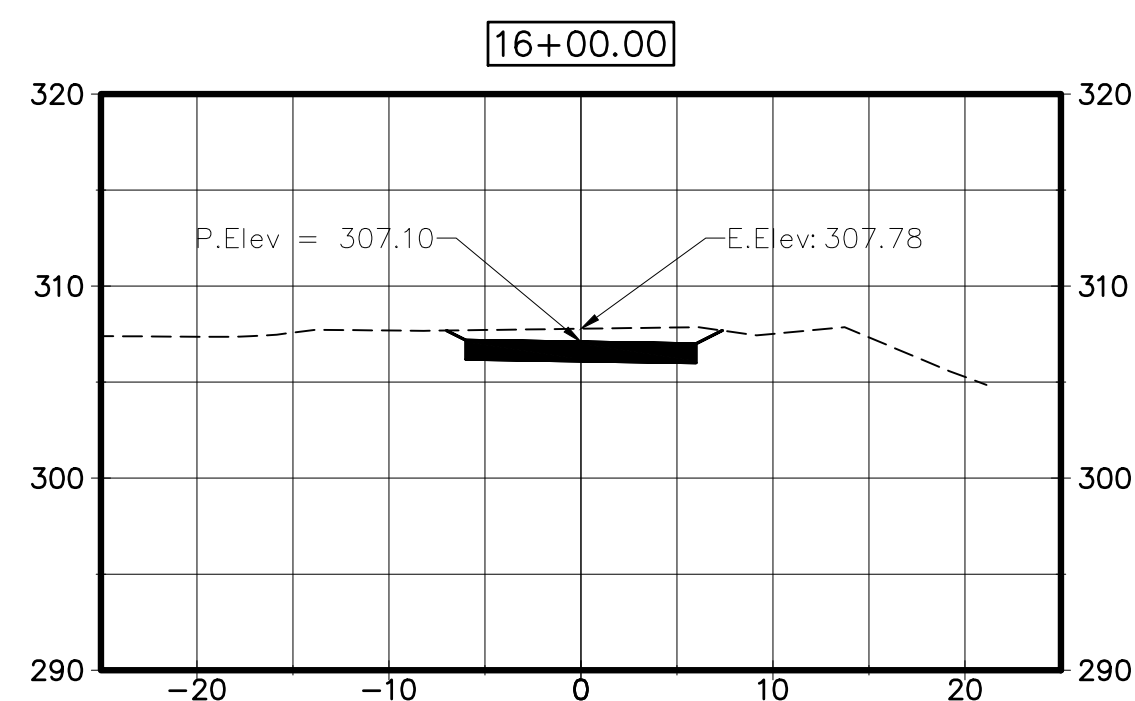
Scale

1" = 10'

Drawing No.

C-401

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

By _____
Appxd _____
YYYY.MM.DD _____

By	Appd	YYYY.MM.DD
MFP/ASM	AD	2025.02.27

Permit/Seal

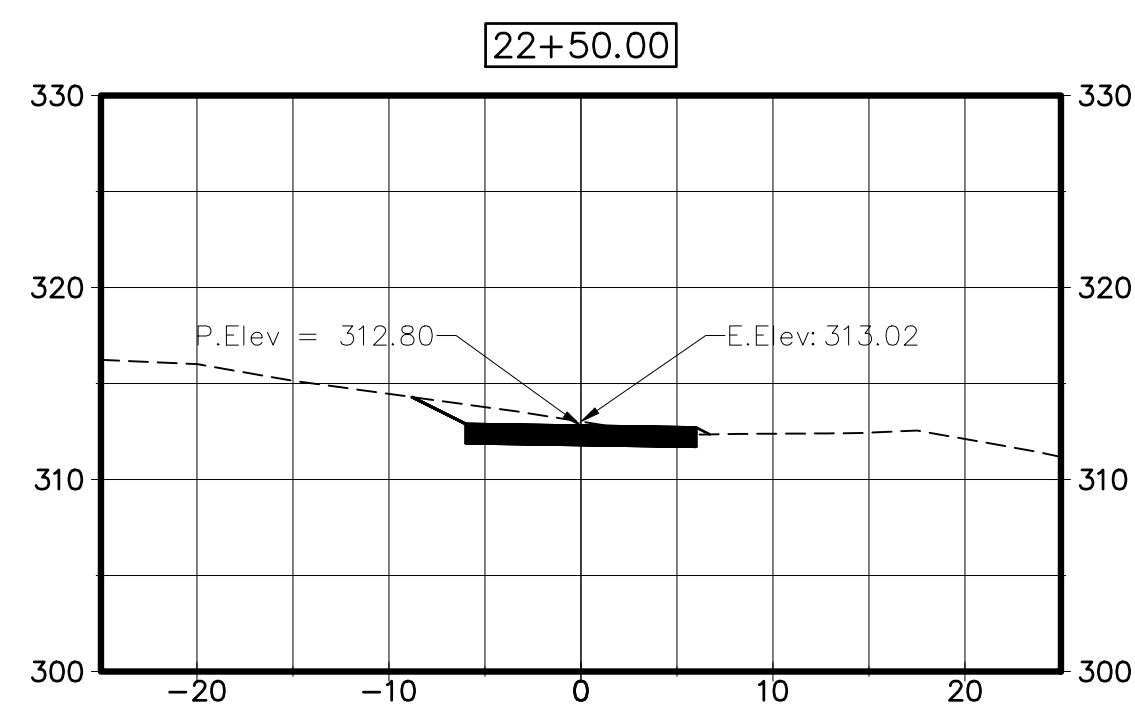
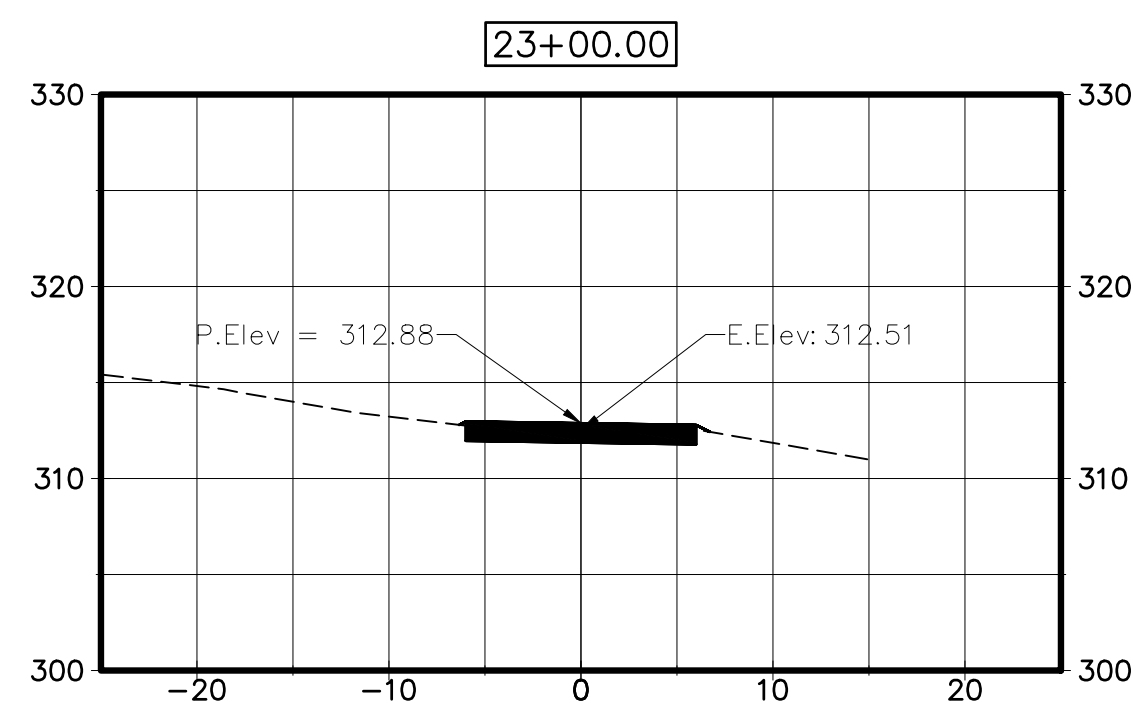
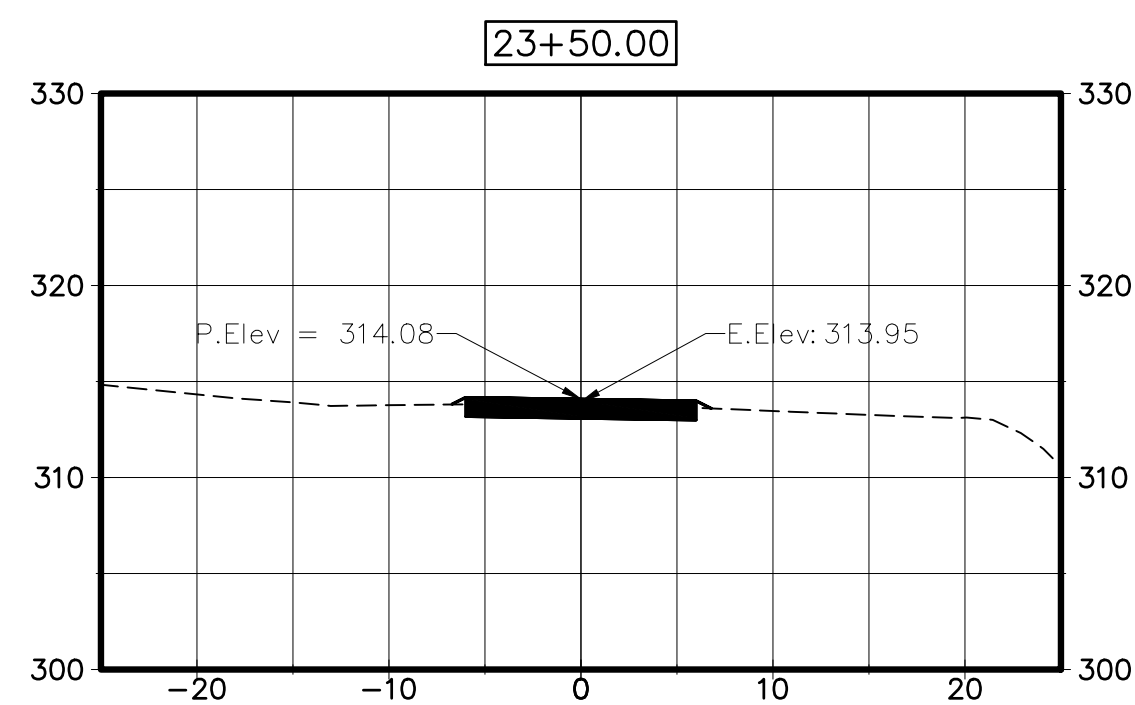
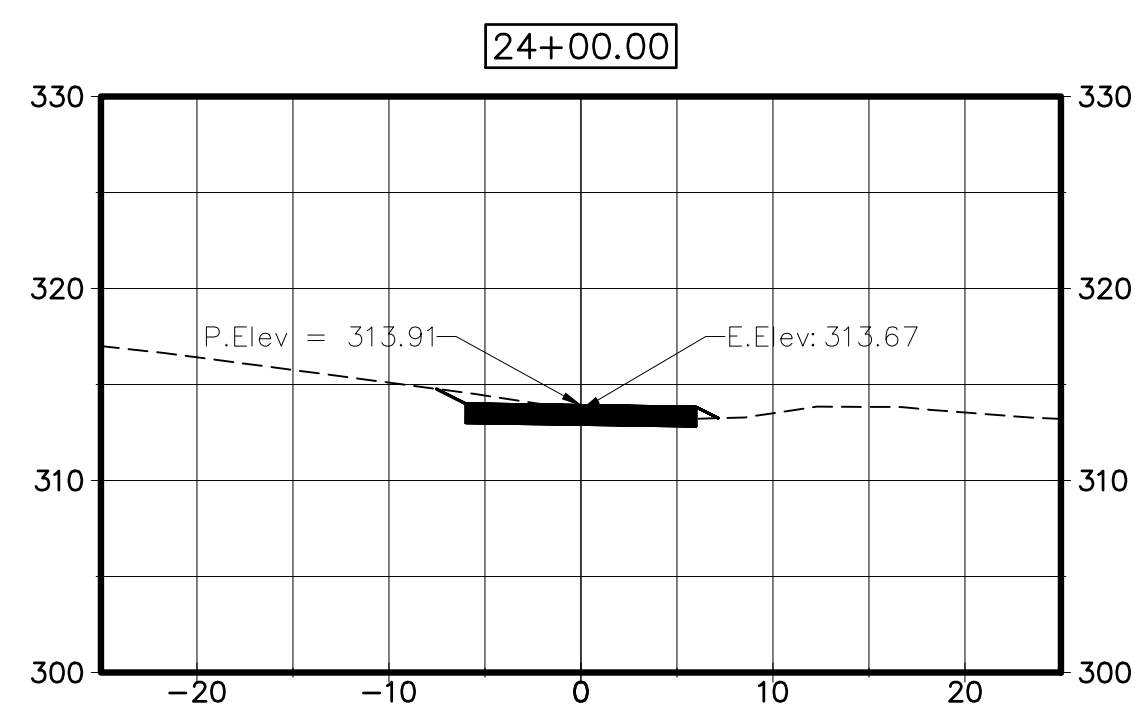


TRAIL SECTIONS

$$1'' = 10'$$

C-402

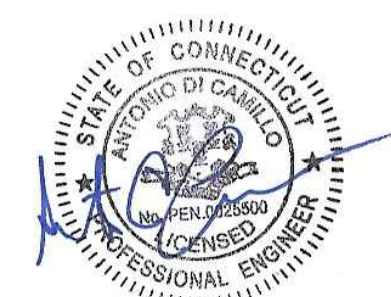
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay. The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.



By _____ Appd _____ YYYY.MM.DD

By	Appd	YYYY.MM.DD
MFP/ASM	AD	2025.02.27

Permit/Seal

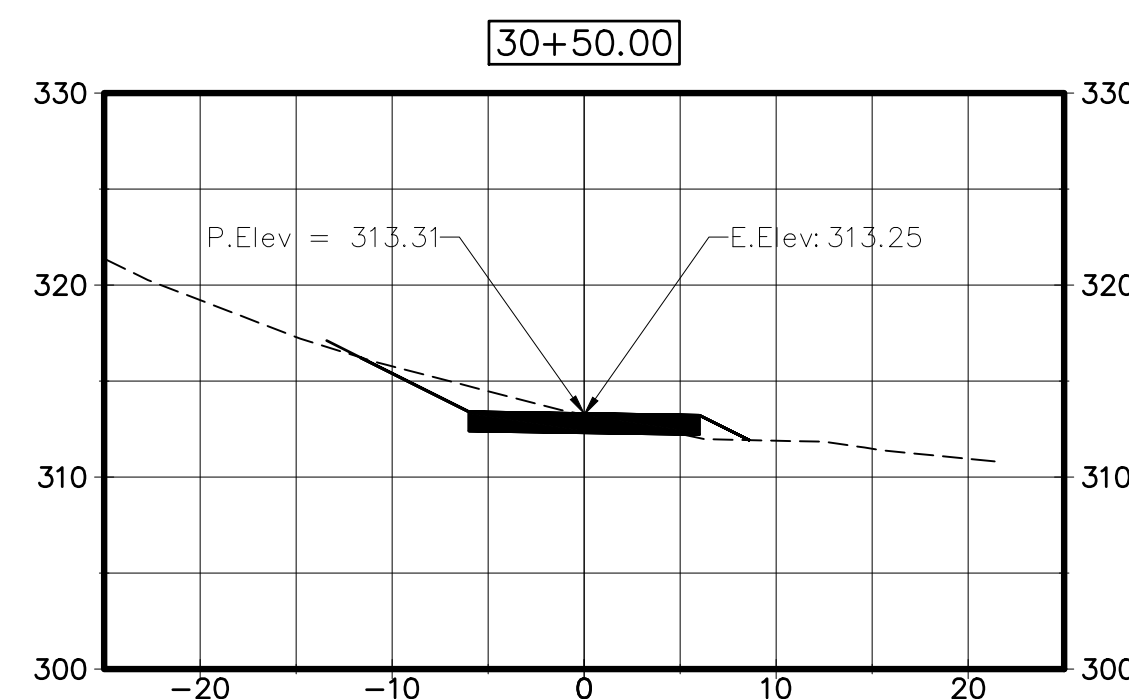
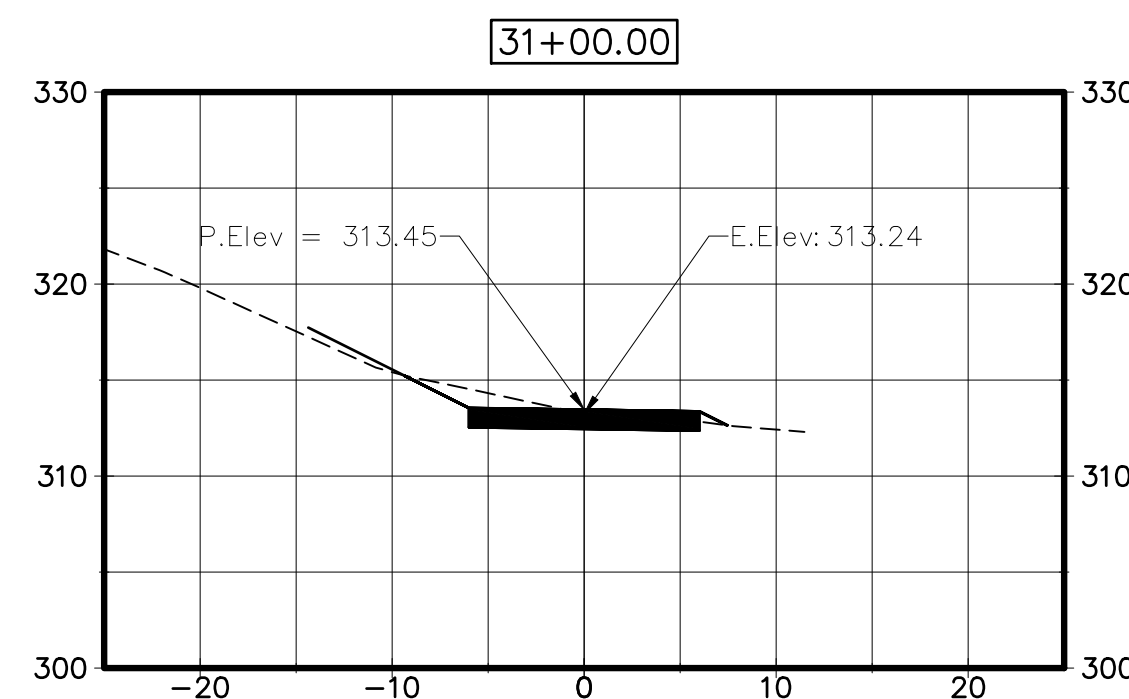
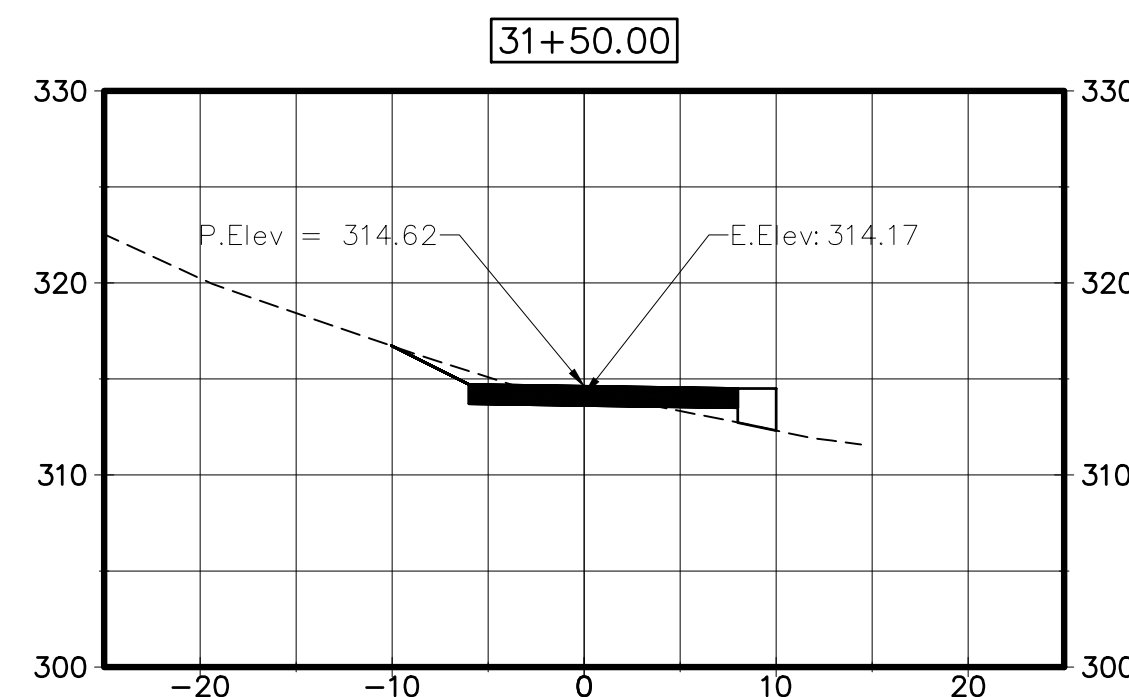
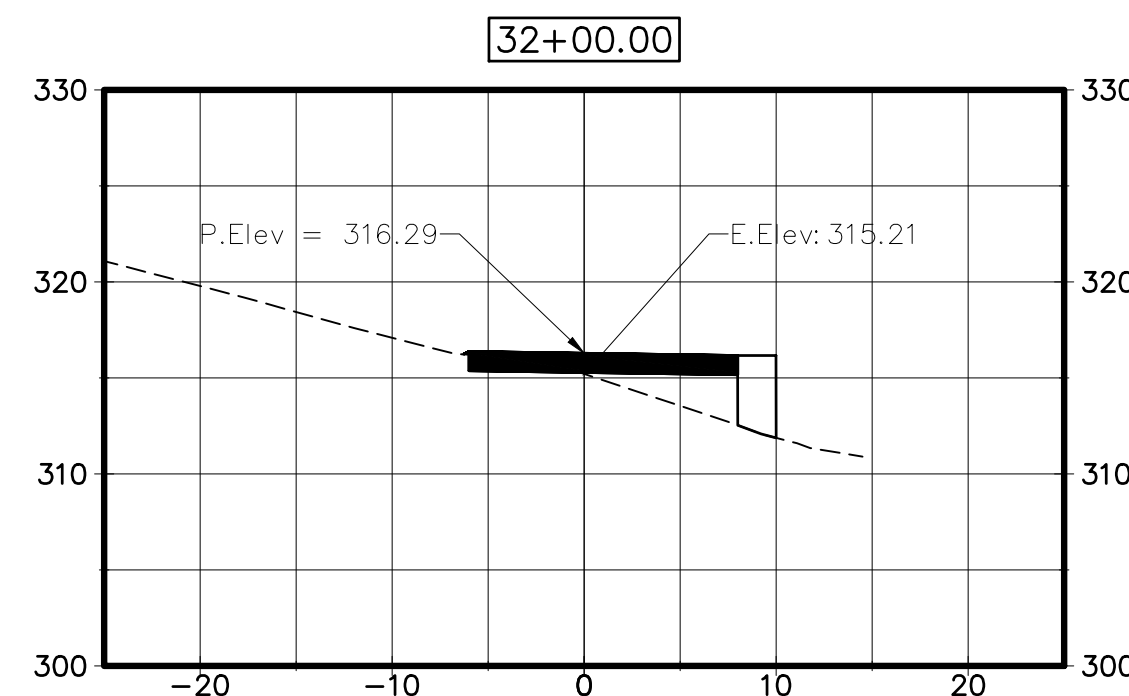
TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Project No.
2020-65

$$1'' = 10'$$

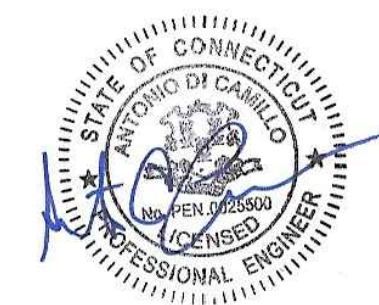
C-403

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing - any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

By _____
Appxd _____
YYYY.MM.DD _____

By	Appd	YYYY.MM.DD
MFP/ASM	AD	2025.02.27

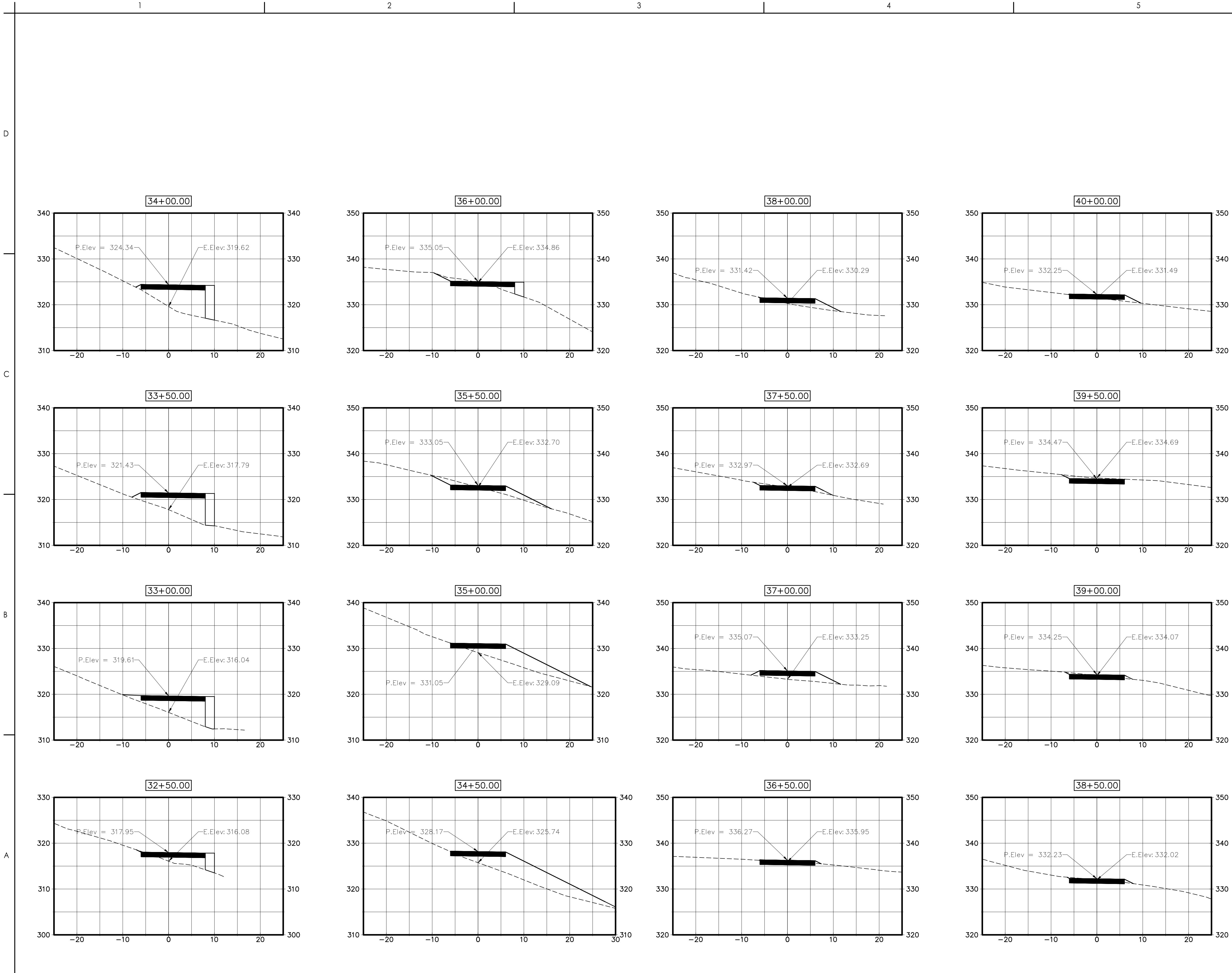
Permit/Seal

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Project No.
2020-65

$$1'' = 10'$$

C-404



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision By Appd YYYY.MM.DD

Issued CONSTRUCTION DOCUMENTS By Appd YYYY.MM.DD
MFP/ASM AD 2025.02.27

File Name: C-201-205_HVRT_SECTIONS

Permit/Seal



Client/Project Logo



Client/Project
TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title
TRAIL SECTIONS

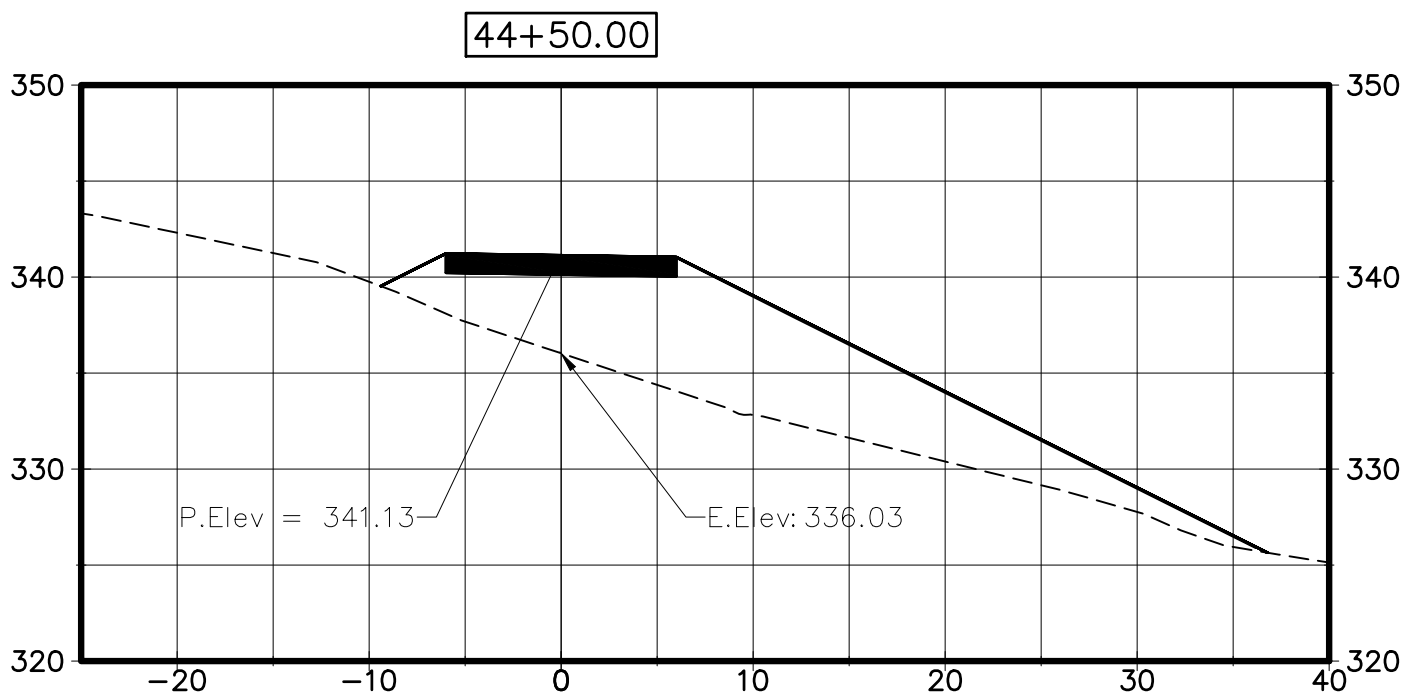
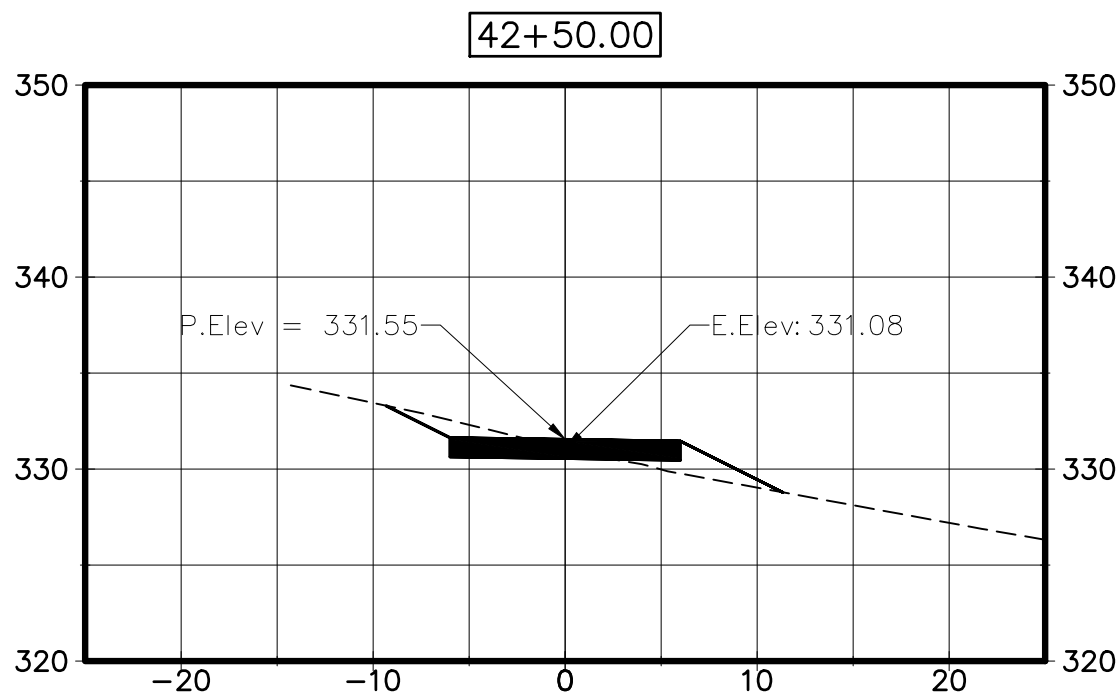
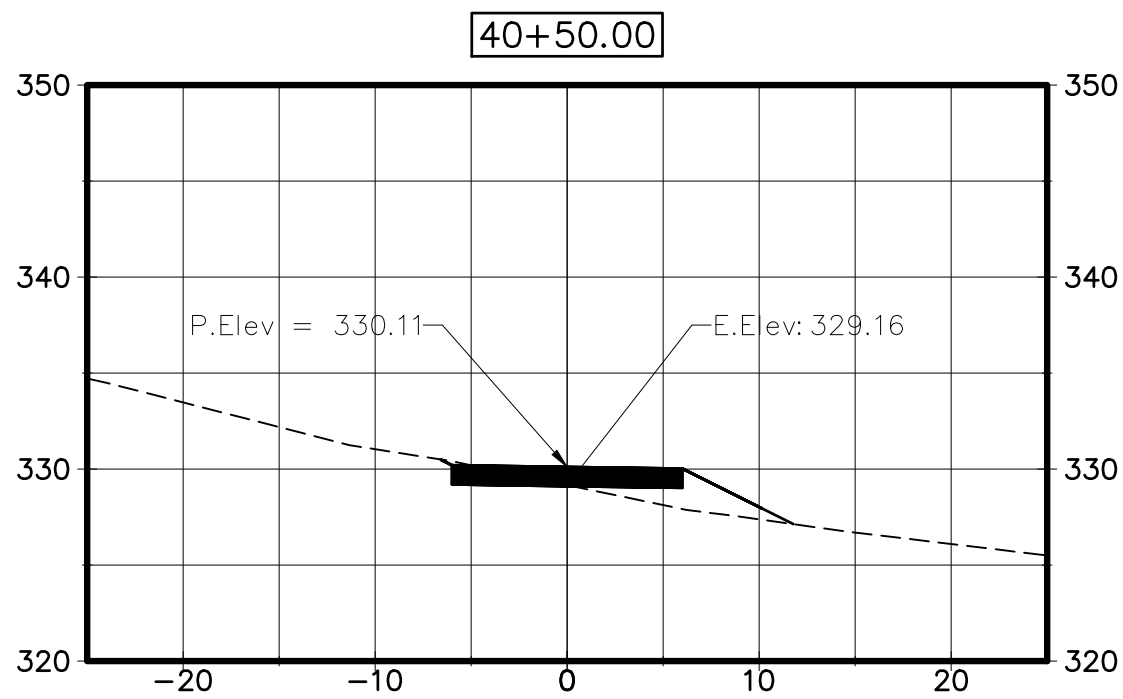
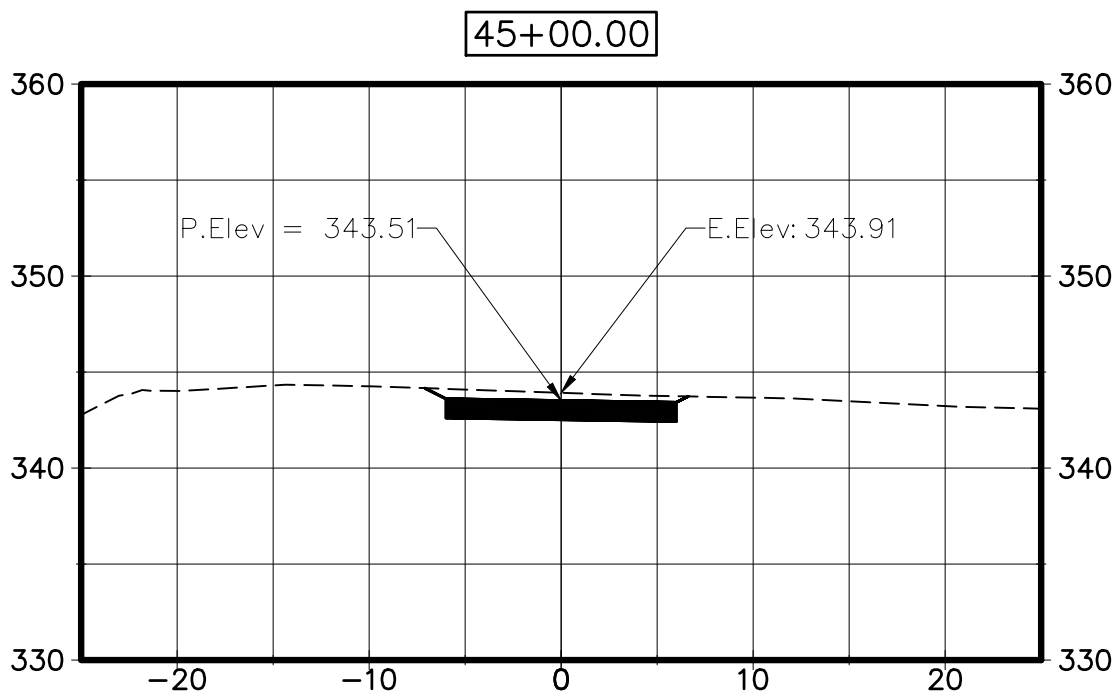
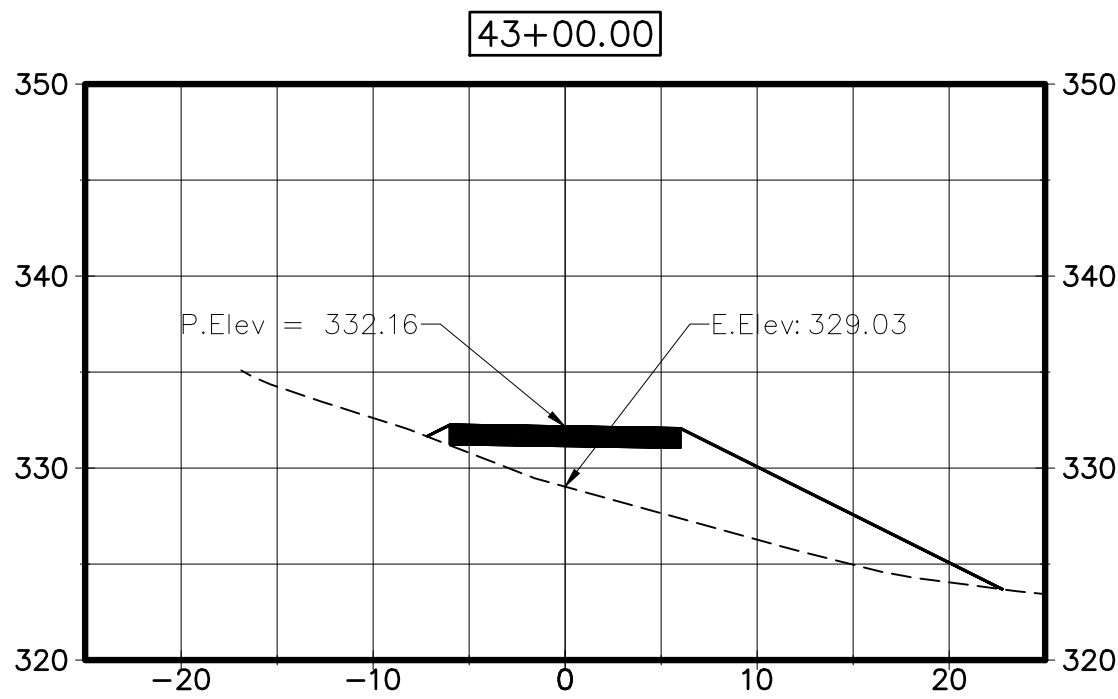
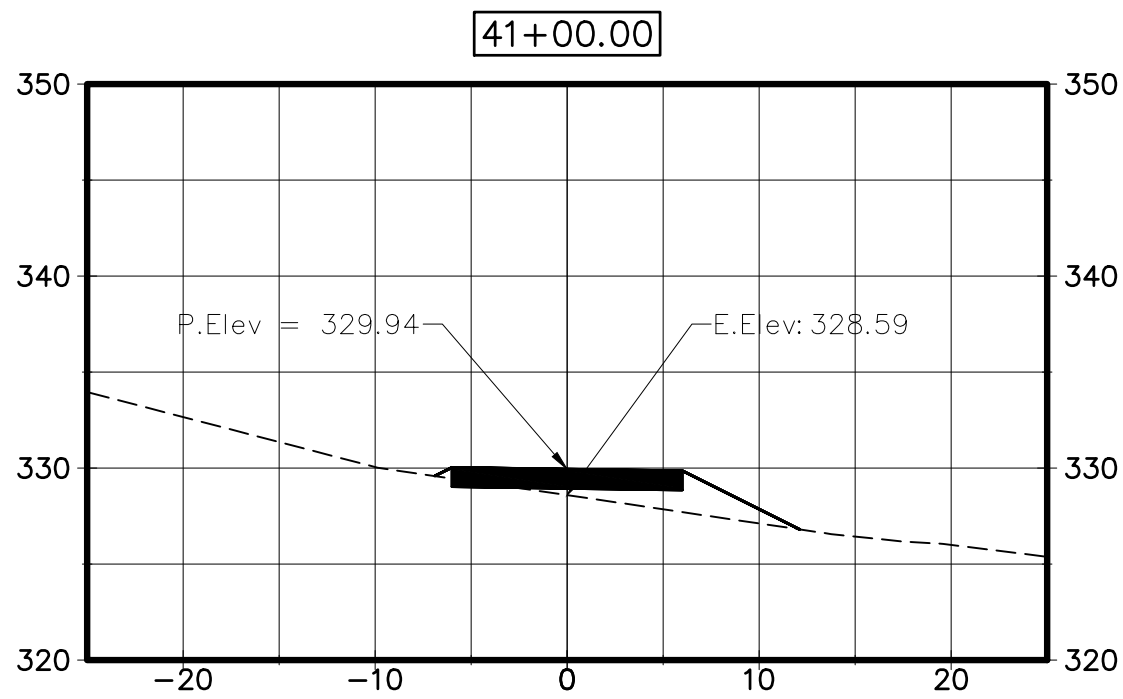
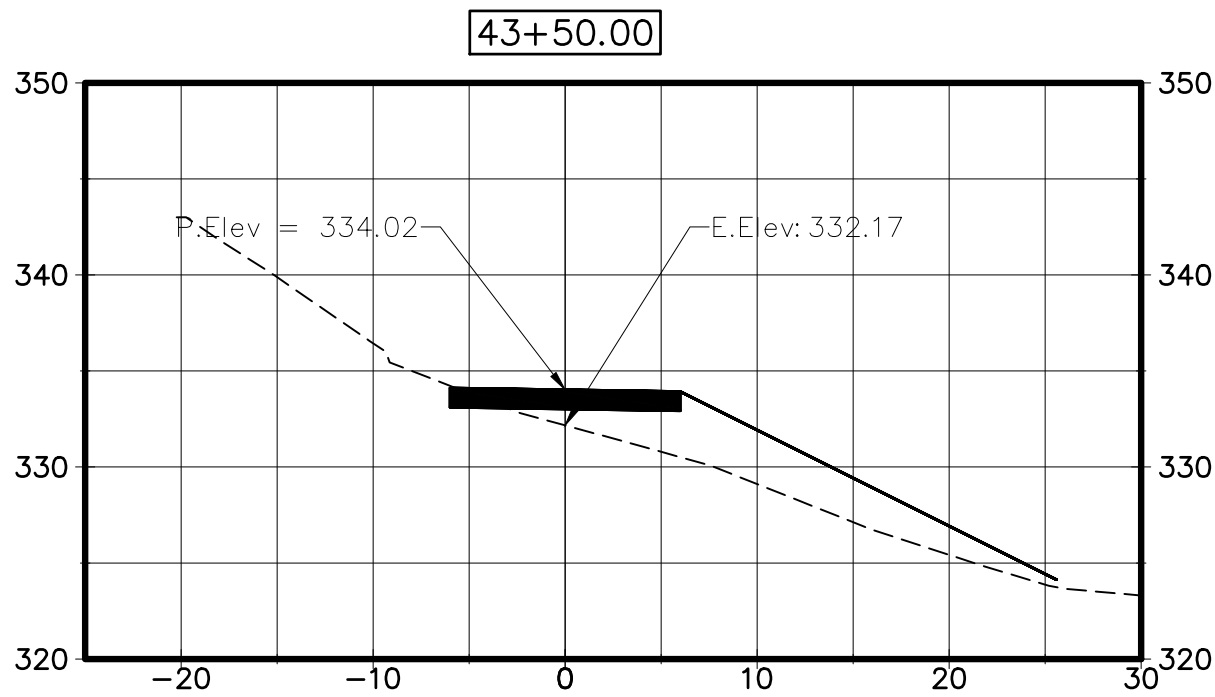
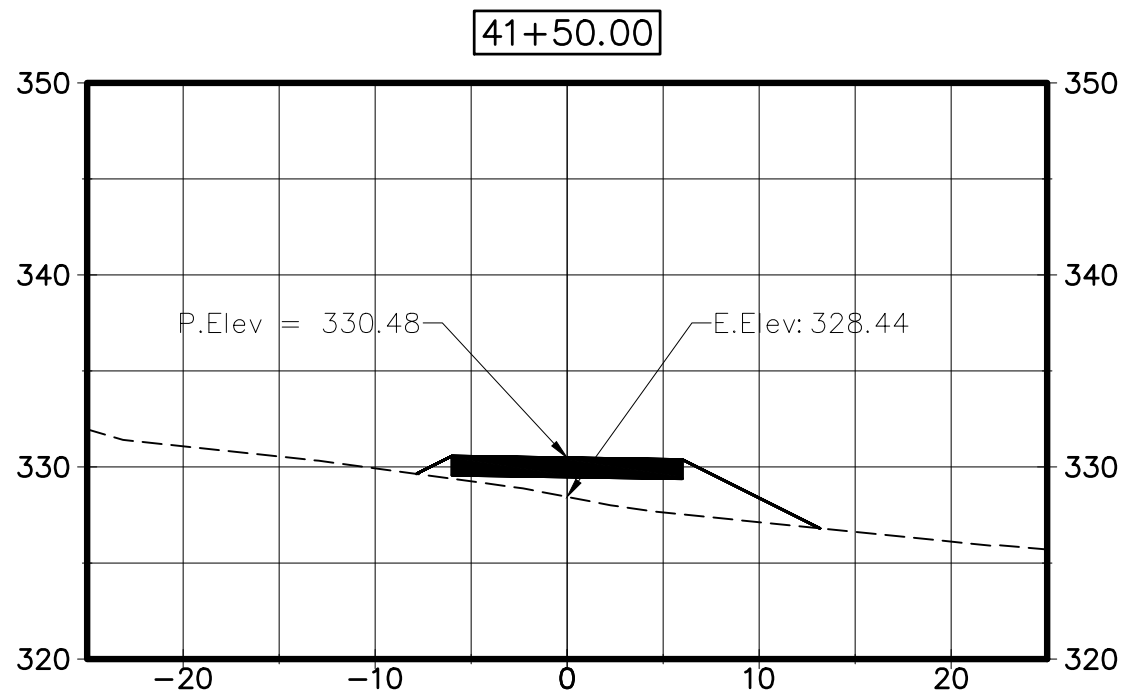
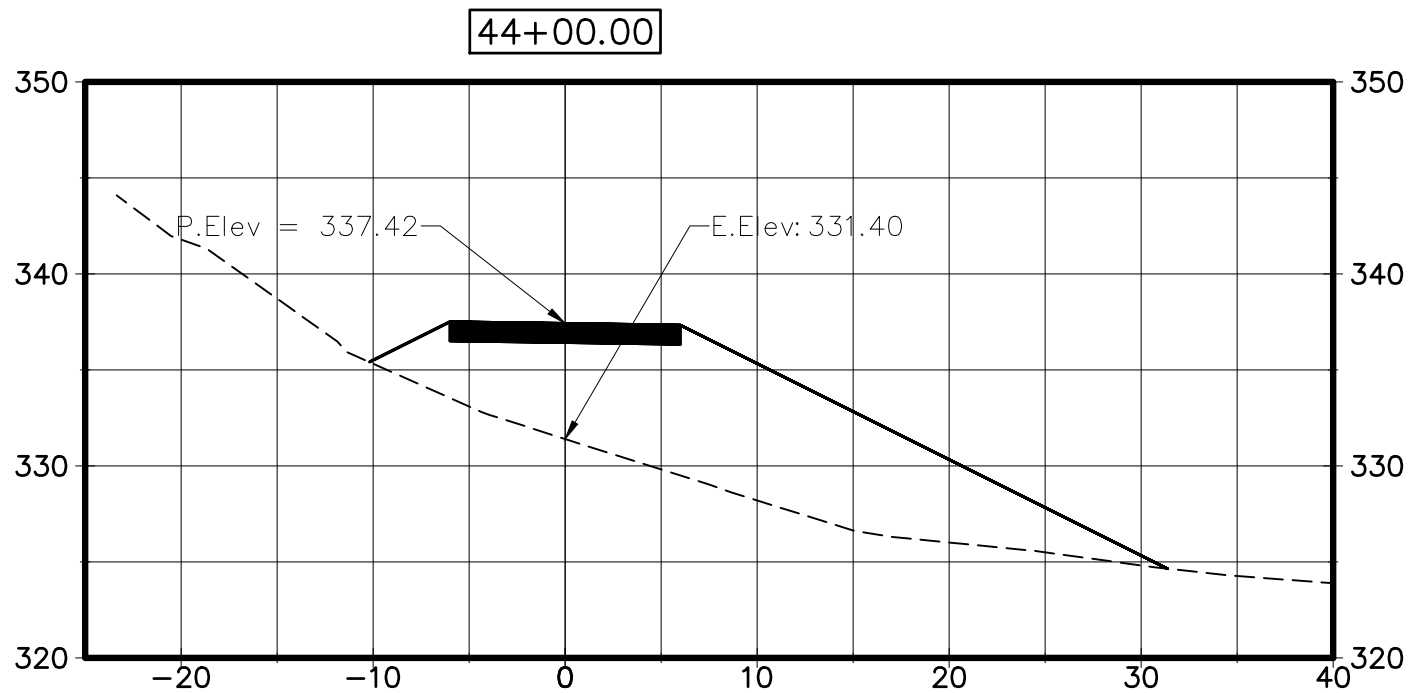
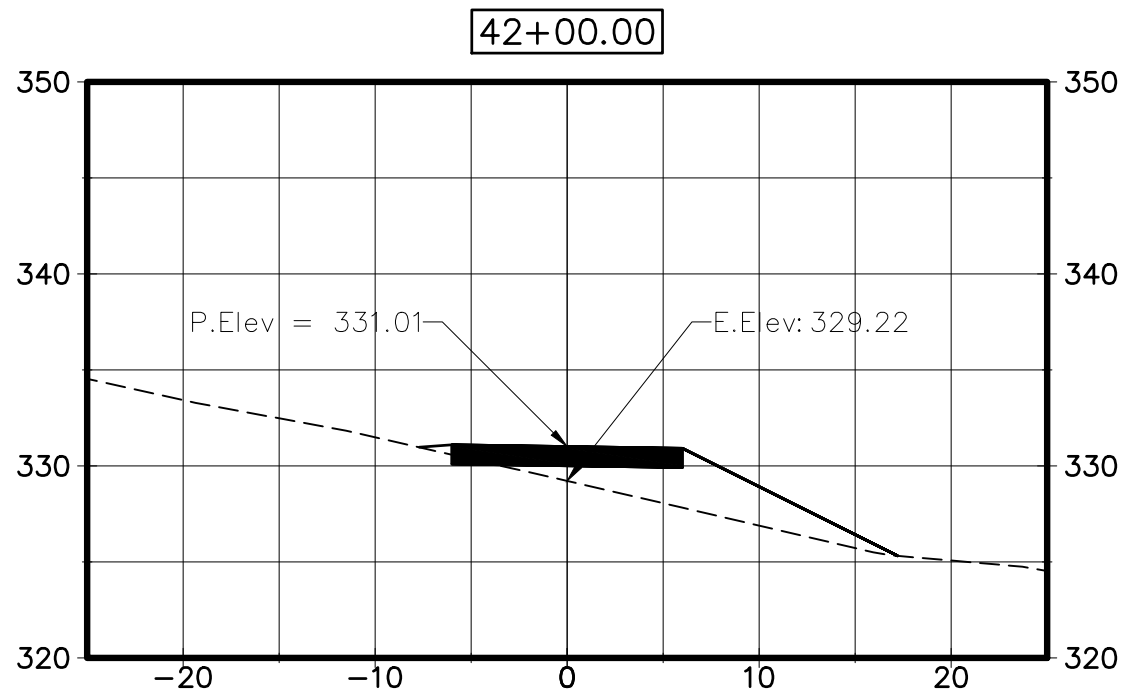
Project No. 2020-65 Scale 1" = 10'
Drawing No. C-405

D

C

B

A



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved
The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

Notes

Revision	By	Appd	YYYY.MM.DD
----------	----	------	------------

Issued CONSTRUCTION DOCUMENTS	By MFP/ASM	Appd AD	YYYY.MM.DD 2025.02.27
----------------------------------	---------------	------------	--------------------------

File Name: C-201-205_HVRT_SECTIONS

Permit/Seal



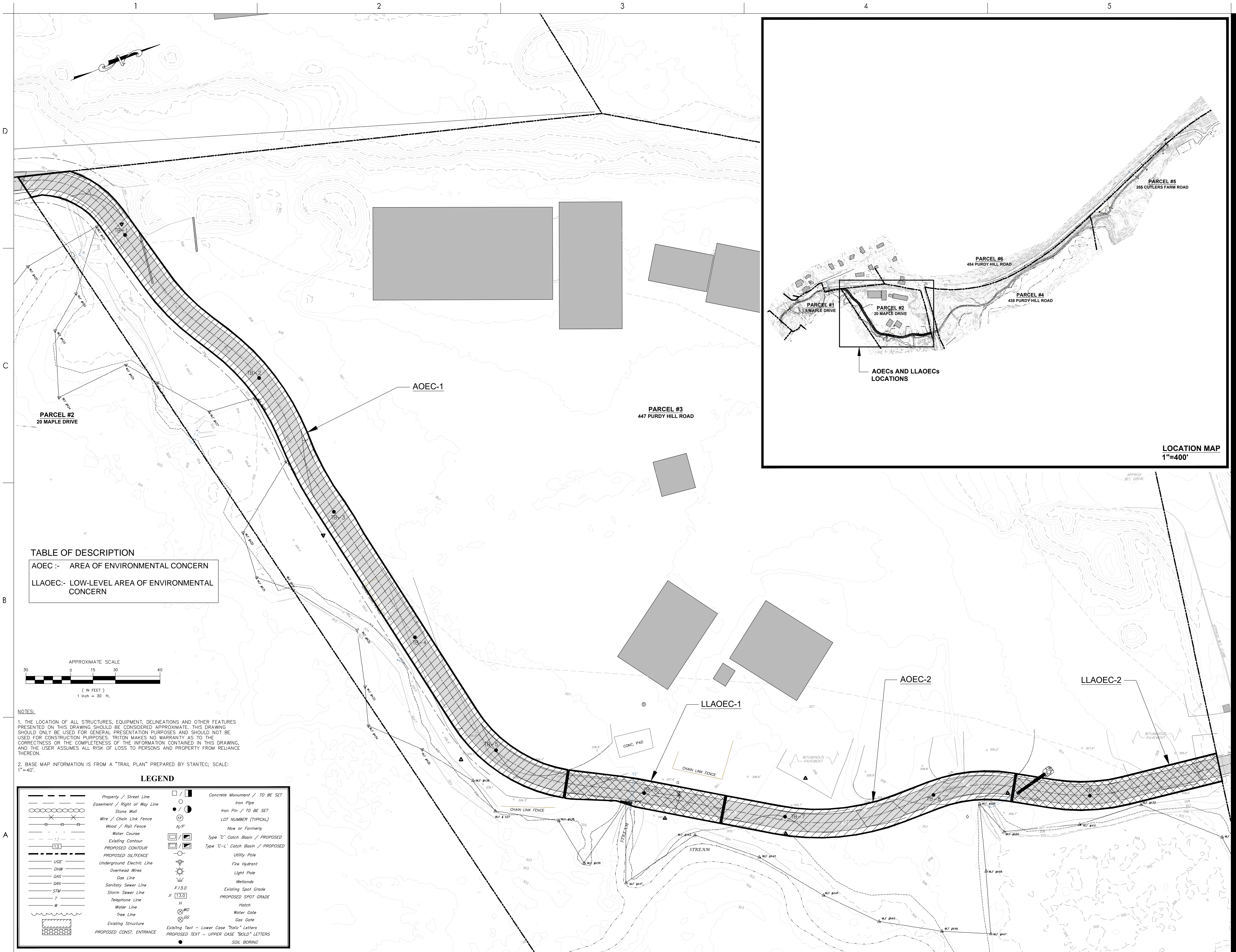
Client/Project Logo



Client/Project
TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title
TRAIL SECTIONS

Project No. 2020-65	Scale 1" = 10'
	Drawing No. C-406



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
• any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.



TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

385 Church Street, Suite 201 • Guilford, Connecticut 06437 • 203.458.7200

Notes

Revision By Appd YYYY.MM.DD

Issued CONSTRUCTION DOCUMENTS By Appd YYYY.MM.DD

File Name: 1049167210-07-STANTEC03 Dwn. Dgn. Chkd. 2222.22.22. YYYY.MM.DD

Permit/Seal

Client/Project Logo



Client/Project
TOWN OF MONROE

HOUSATONIC VALLEY RAIL-TRAIL
SECTION II AND III

Title

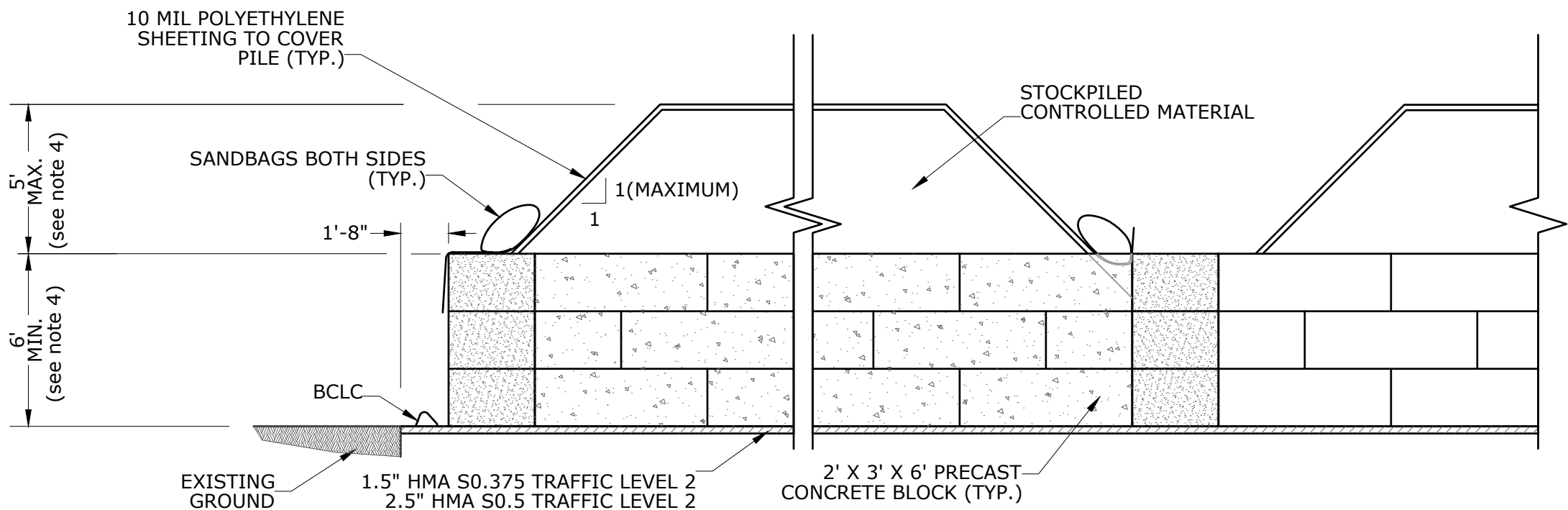
**SITE PLAN SHOWING
AEOCs AND LLAOCs**

Project No. 192311173 Scale 1"=30'

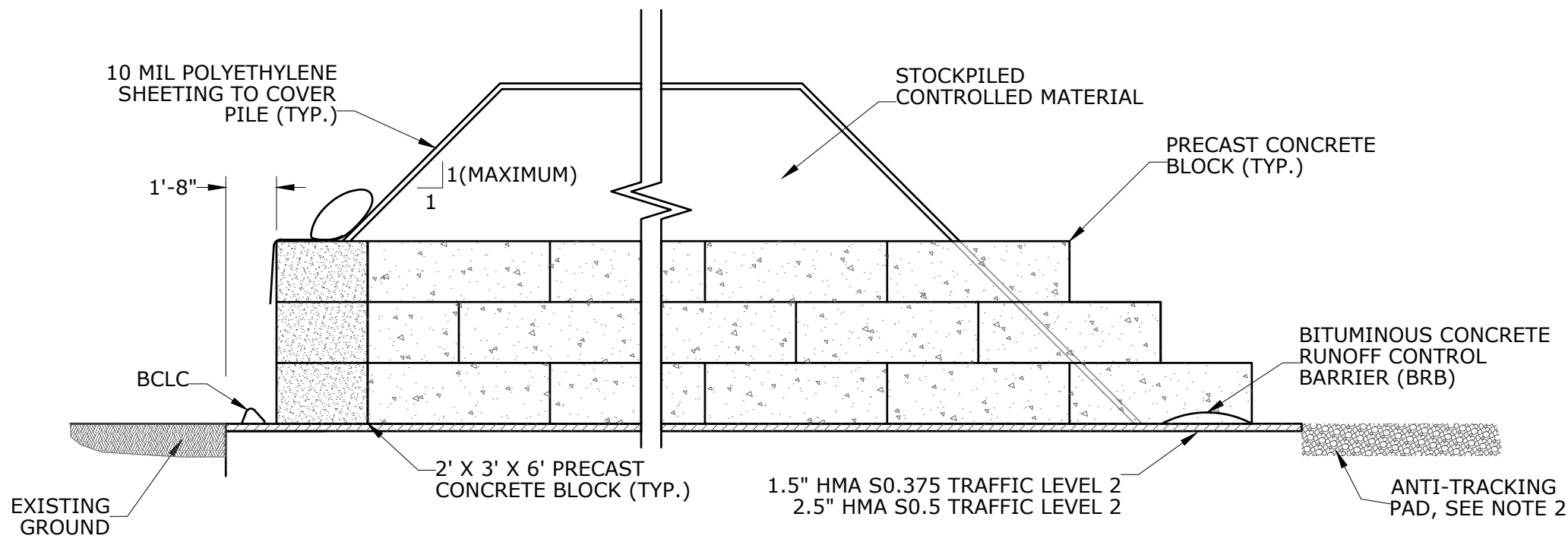
Revision Sheet of xx Drawing No. C-500

GENERAL NOTES:

1. WSA INSTALLATION AND ALL REQUIRED MATERIAL ARE AS INDICATED ON THE WSA PLAN.
2. ANTI-TRACKING PAD SHALL BE INSTALLED AS SHOWN ON PLAN AND IN ACCORDANCE WITH "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, 2002-SECTION 5-12." PAYMENT SHALL BE INCLUDED IN "SECURING, CONSTRUCTION AND DISMANTLING OF A WASTE STOCKPILE AND TREATMENT AREA" ITEM.
3. WHERE FEASIBLE A MINIMUM OF 5' IMMEDIATELY OUTSIDE THE PERIMETER OF THE WSA SHALL REMAIN CLEAR AND FREE OF ANY OBJECT TO PROVIDE ACCESS FOR MAINTENANCE.
4. HEIGHT OF THE CONCRETE BLOCKS, STOCKPILED CONTROLLED MATERIAL AND CONFIGURATION OF THE BINS MAY VARY BASED ON THE SIZE AS INDICATED ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
5. THE WSA SURFACE SHALL BE SUFFICIENTLY IMPERVIOUS TO PREVENT OR MINIMIZE THE TRANSFER OR INFILTRATION OF CONTAMINANTS FROM THE STOCKPILES TO THE GROUND. THE WSA SURFACE WILL VARY BASED ON SPECIFICS AND MAY BE CONSTRUCTED ON NEW OR EXISTING PAVEMENT, BEDDING SAND OR OTHER MATERIAL AS SHOWN ON THE WSA PLAN OR THE AREA OF ENVIRONMENTAL CONCERNS PLAN(S).

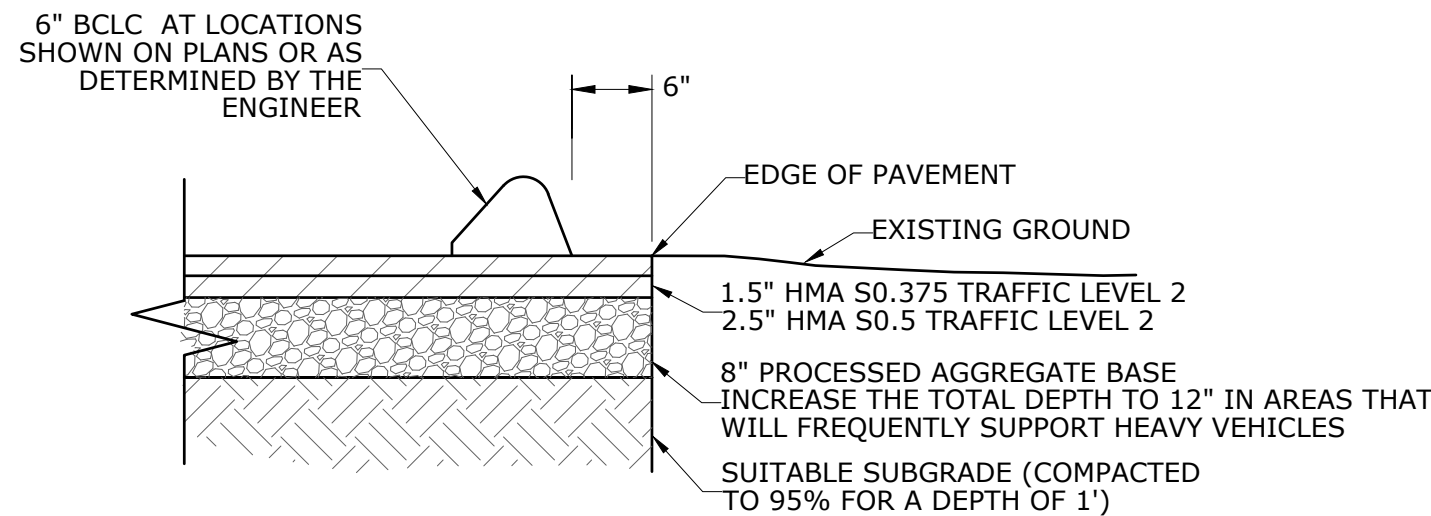


SECTION B-B



SECTION A-A

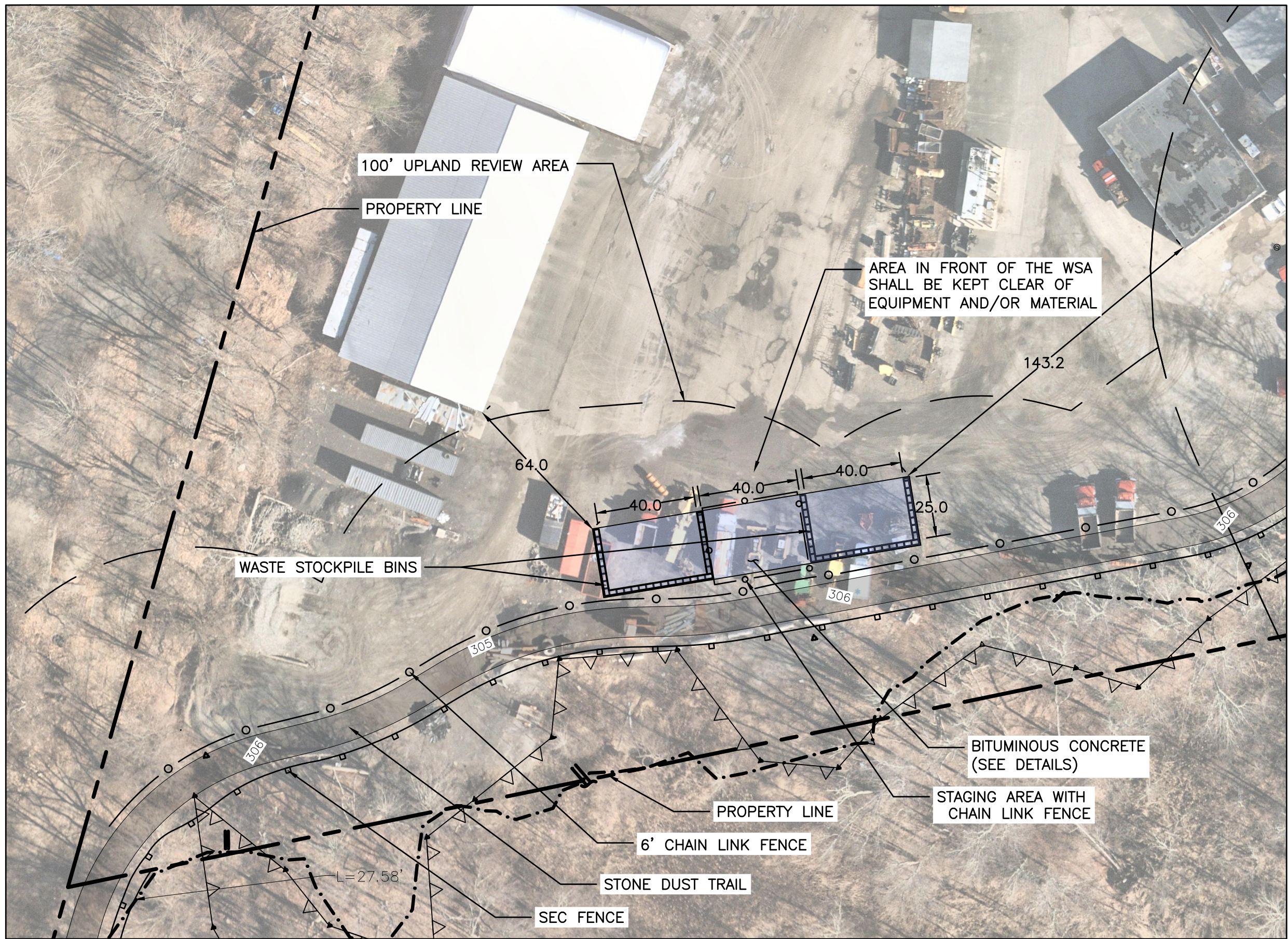
2 WASTE STOCKPILE AREA DETAIL



NOTE: _____

IF THE WSA IS TO BE LOCATED ON EXISTING PAVEMENT SUCH AS ROADWAY AND OR PARKING LOT A COMPOSITE PAVEMENT STRUCTURE WILL NOT BE REQUIRED.

1 COMPOSITE PAVEMENT STRUCTURE DETAIL



NOTE:
WSA BINS SHALL BE CLEANED OF MATERIAL AT THE END OF THE PROJECT AND SHALL BE LEFT IN PLACE FOR OWNER USE

3 LOCATION AND LAYOUT OF WASTE STOCKPILE AREA
SCALE: 1"=40'



Stantec Consulting Services Inc.
55 Church Street Suite 601
New Haven CT 06510-3014
Tel: (203) 495-1645
www.stantec.com

Copyright Reserved

The Contractor shall verify and be responsible for all dimensions. DO NOT scale the drawing.
- any errors or omissions shall be reported to Stantec without delay.
The Copyrights to all designs and drawings are the property of Stantec. Reproduction or use for any purpose other than that authorized by Stantec is forbidden.

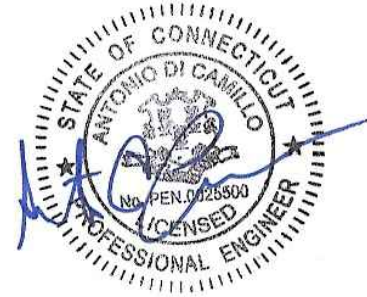
Notes

Revision By Appd YYYY.MM.DD

Issued CONSTRUCTION DOCUMENTS By Appd YYYY.MM.DD
MFP/ASM AD 2025.02.27

File Name: C-301-3XX_HVRT_DETAILS

Permit/Seal



Client/Project Logo



Client/Project

TOWN OF MONROE HOUSATONIC
VALLEY RAIL-TRAIL SECTION I AND II

Title

WASTE STOCKPILE AREA (WSA) DETAILS
AND LAYOUT PLAN

Project No. Scale

2020-65 AS NOTED

Drawing No.

C-501