

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



BREWER

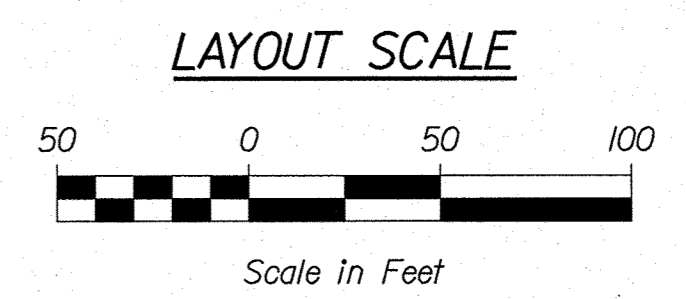
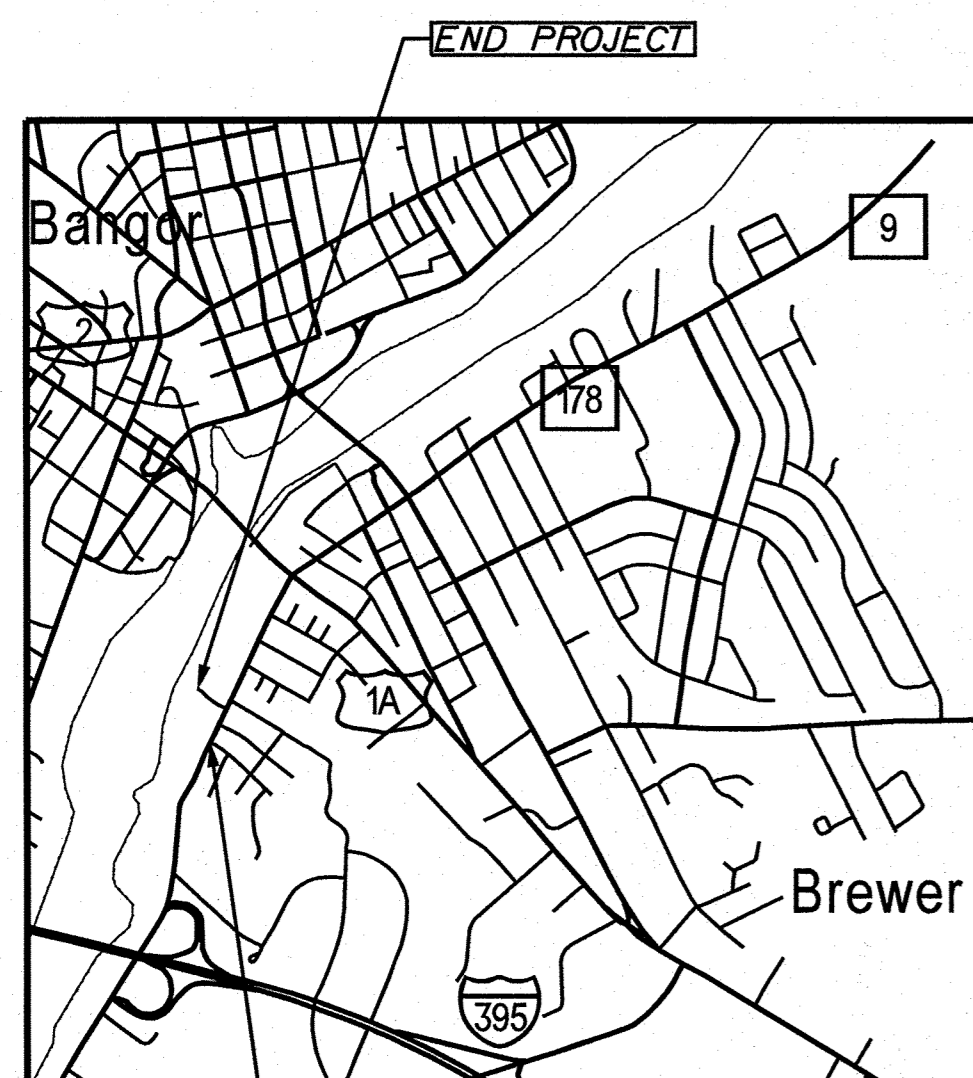
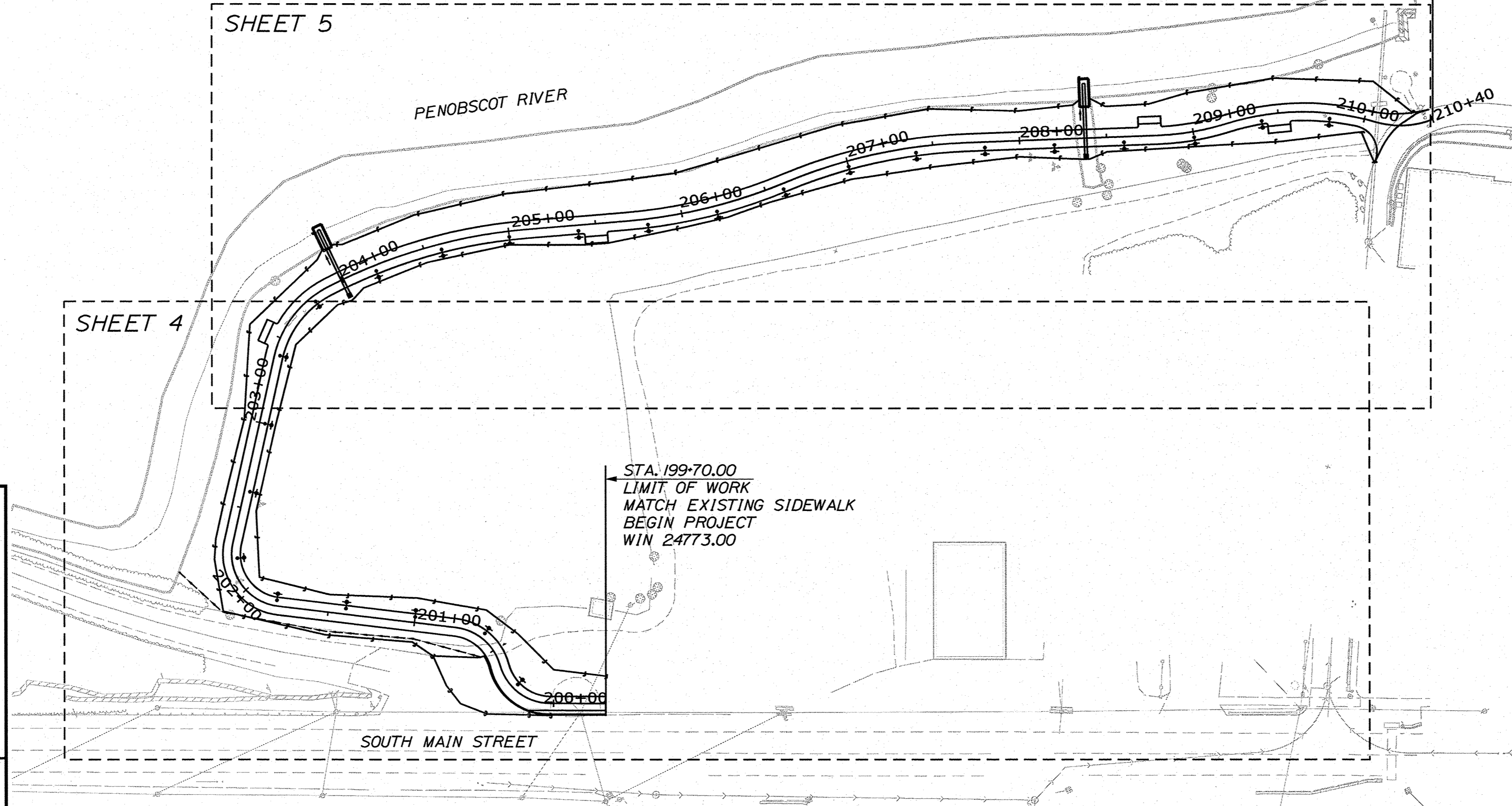
PENOBSCOT COUNTY
BREWER RIVERWALK PHASE III
FEDERAL PROJECT NO. 2477300
MAINEDOT WIN 24773.00
PROJECT LENGTH: 0.20 MILES

STA. 210+40.00
 LIMIT OF WORK
 END PROJECT
 WIN 24773.00

STA. 199+70.00
 LIMIT OF WORK
 MATCH EXISTING SIDEWALK
 BEGIN PROJECT
 WIN 24773.00

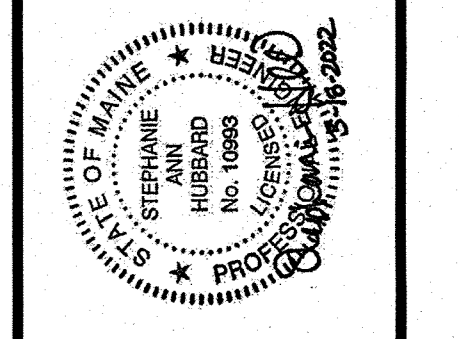
PLAN LEGEND	
Town, County, State	-----
Property Lines	-----
R/W Lines-Existing	-----
R/W Lines-Proposed	-----
Culvert-Existing	-----
Culvert Proposed	-----
Curbing	Existing Proposed
Type 1	-----
Type 3	-----
Type 5	-----
Outline of Bodies of Water	-----
Exposed Bedrock	-----
Buildings	-----
Trees	Conifer Deciduous
Tree Line	-----
Clearing Limit Line	-----
Railroad	-----
Catch Basins	Existing Proposed
Manholes	Existing Proposed
Proposed Underdrain	-----
Proposed Ditch	-----
Existing Ditch	-----
Utility Poles	Existing Proposed
Fire Hydrants	Existing Proposed
Existing Water Line	-----
Existing San. Sewer	-----
Existing San. Sewer Manhole	-----
Guardrail-Existing	-----
Guardrail-Proposed	-----
Guardrail-Cable, Other	-----
Centerline-Existing	-----
Centerline-Proposed	-----
Travelway-Existing	-----
Travelway-Proposed	-----
Boring	HB-XXX-###
Pavement Core	PC-#
Test Pit	TP-XXX-###
Probe	P-#. #X
	#.# = Depth
	X = W (Weathered Rock)
	R (Refusal)
	NR (No Refusal)

INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Typical Sections & Special Details	2
Estimated Quantities & General Notes	3
Plan and Profile	4-5
Electrical Site Plan	6-7
Cross Sections	8-18
Right of Way Maps	19



PROJECT LOCATION:	ALONG THE PENOBSCOT RIVER FROM SOUTH MAIN STREET TO PHASE I OF THE BREWER RIVERWALK
PROGRAM AREA:	MULTIMODAL
SCOPE OF WORK:	BICYCLE -PEDESTRIAN MULTI-USE PATH

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		4-5-22
CHIEF ENGINEER: <i>[Signature]</i>		4-4-2022



SIGNATURE	P.E. NUMBER	DATE
<i>[Signature]</i>		

PROJECT INFORMATION	
PROGRAM	MULTIMODAL
PROJECT MANAGER	AURELE CORNEAU II
DESIGNER	TRAVIS WOLFEL
CONSULTANT	KLEINFELDER
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 24773.00 2477300

BREWER RIVERWALK

TITLE SHEET

SHEET NUMBER

1

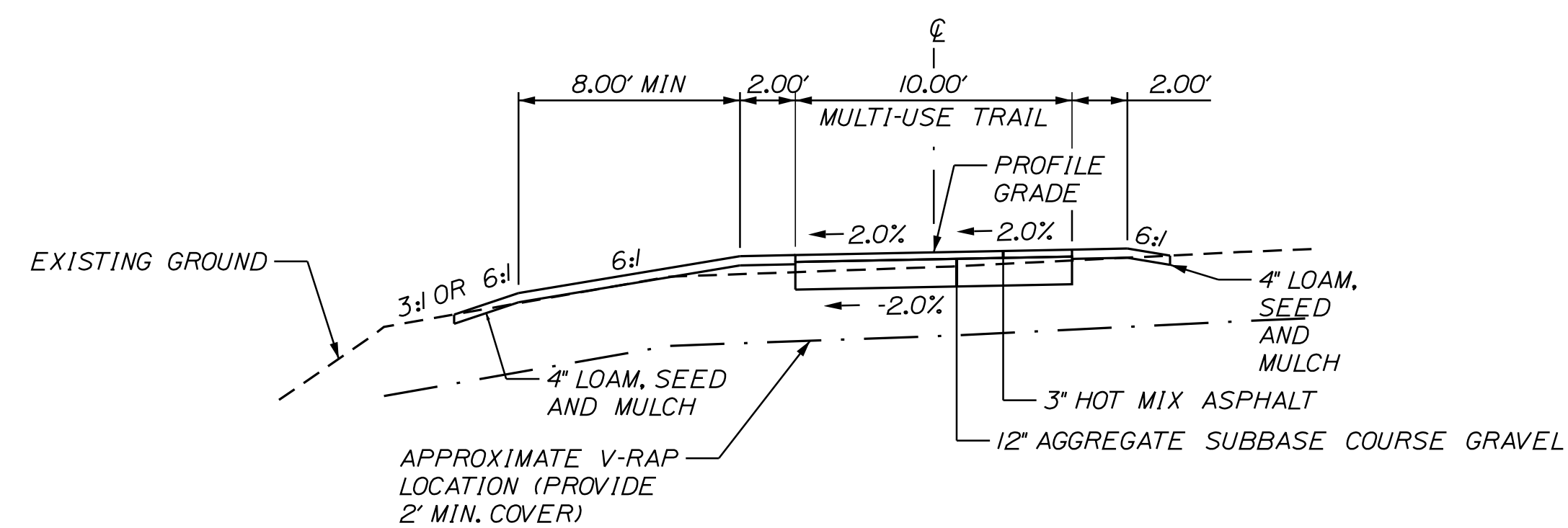
OF 19

Date: 3/21/2022

Username:

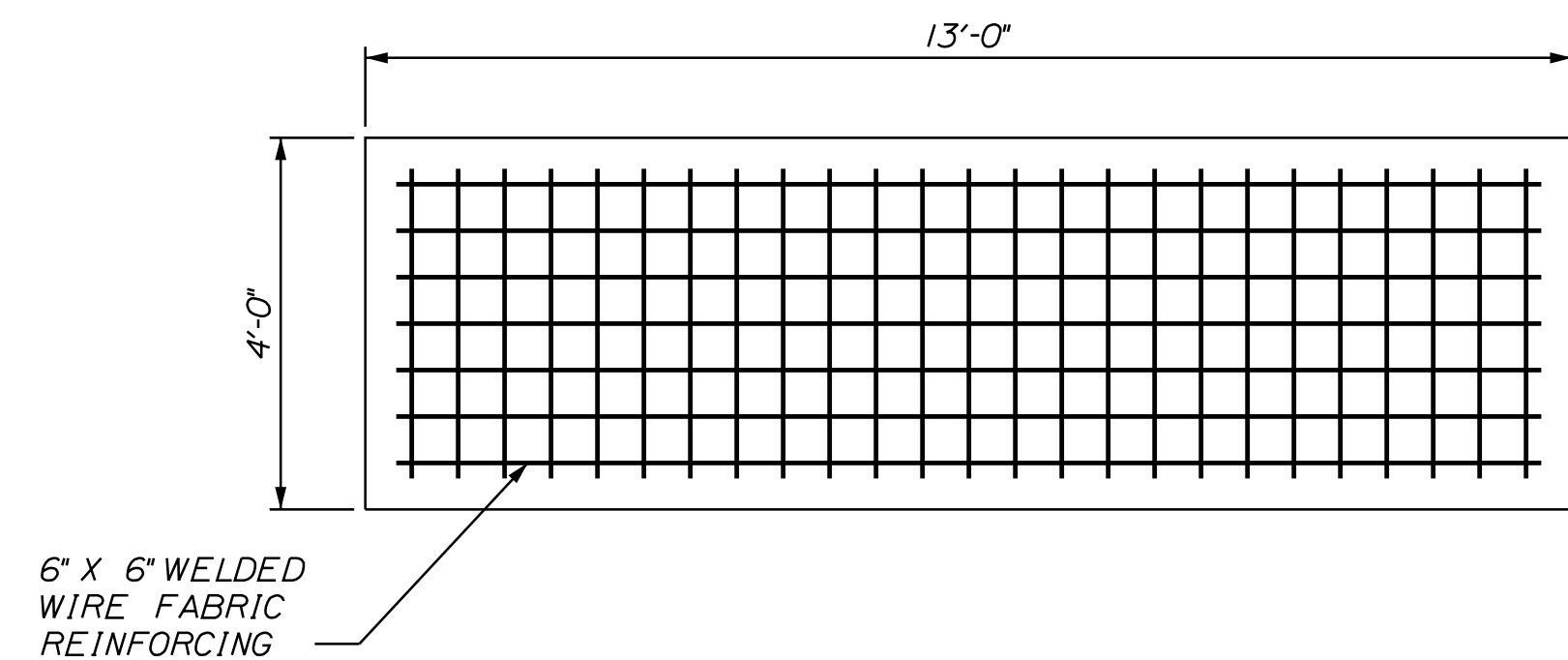
Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\001_Title.dgn

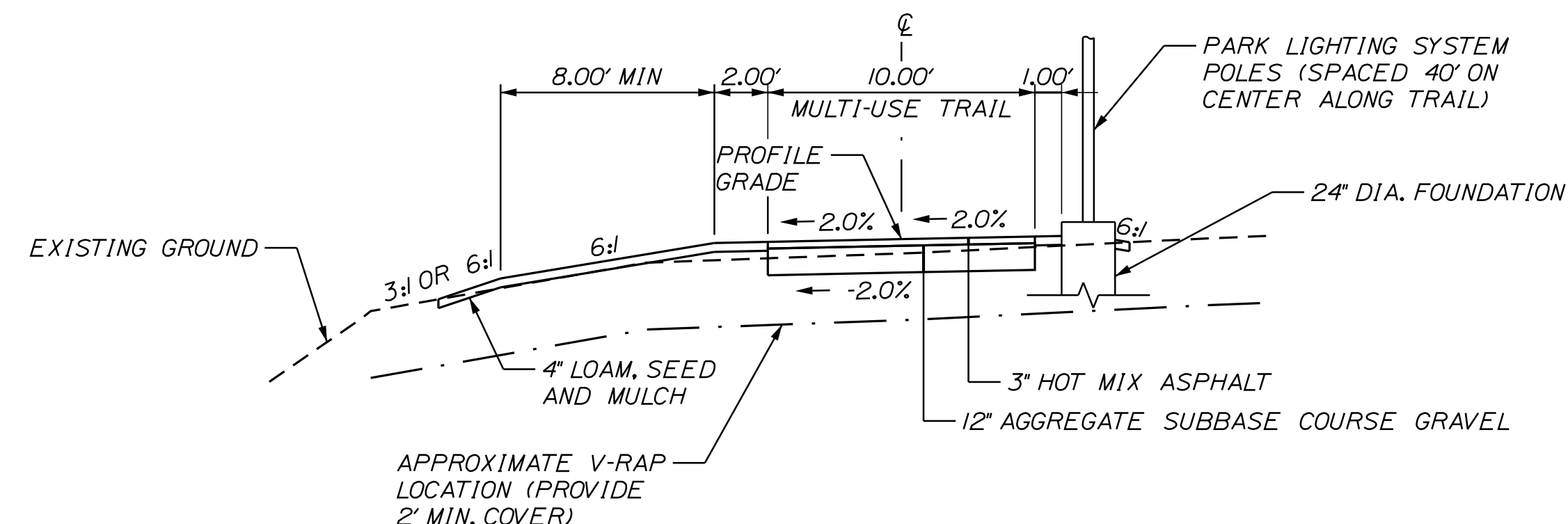


AGGREGATE SUBBASE COURSE GRAVEL
10' MULTI-USE TRAIL
37.04 CY/100 LF
STATION TO STATION
200+02 TO 210+40.00

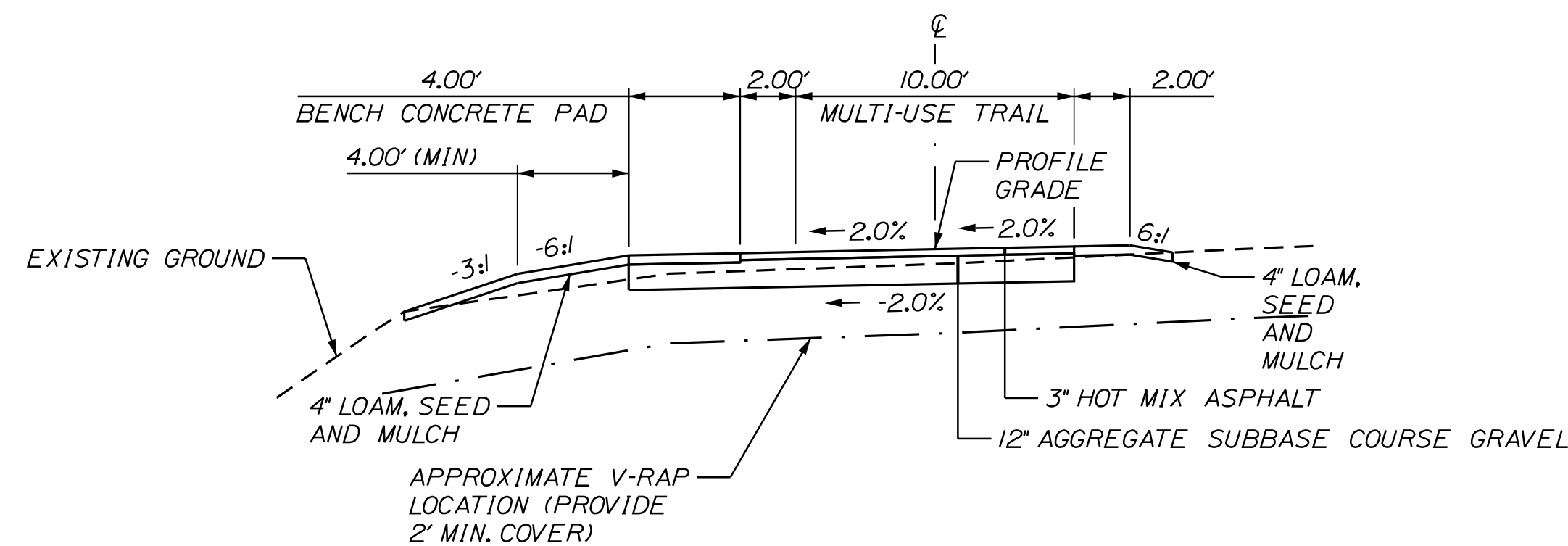
MULTI-USE TRAIL
FULL CONSTRUCTION
STA. 200+50.00 TO STA. 210+40.00



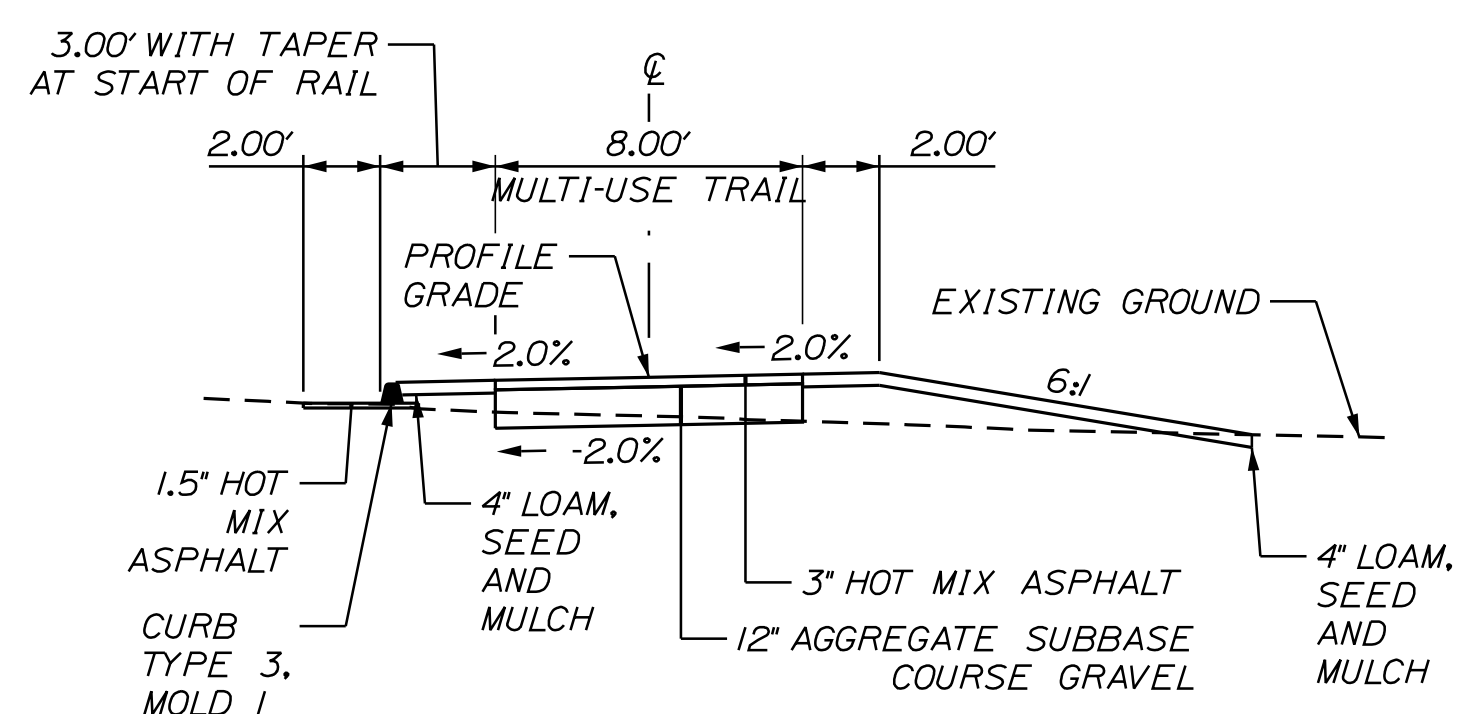
BENCH AND TRASH RECEPTACLE CONCRETE PAD
(156" LONG BY 48" WIDE BY 4" DEEP)
N.T.S.



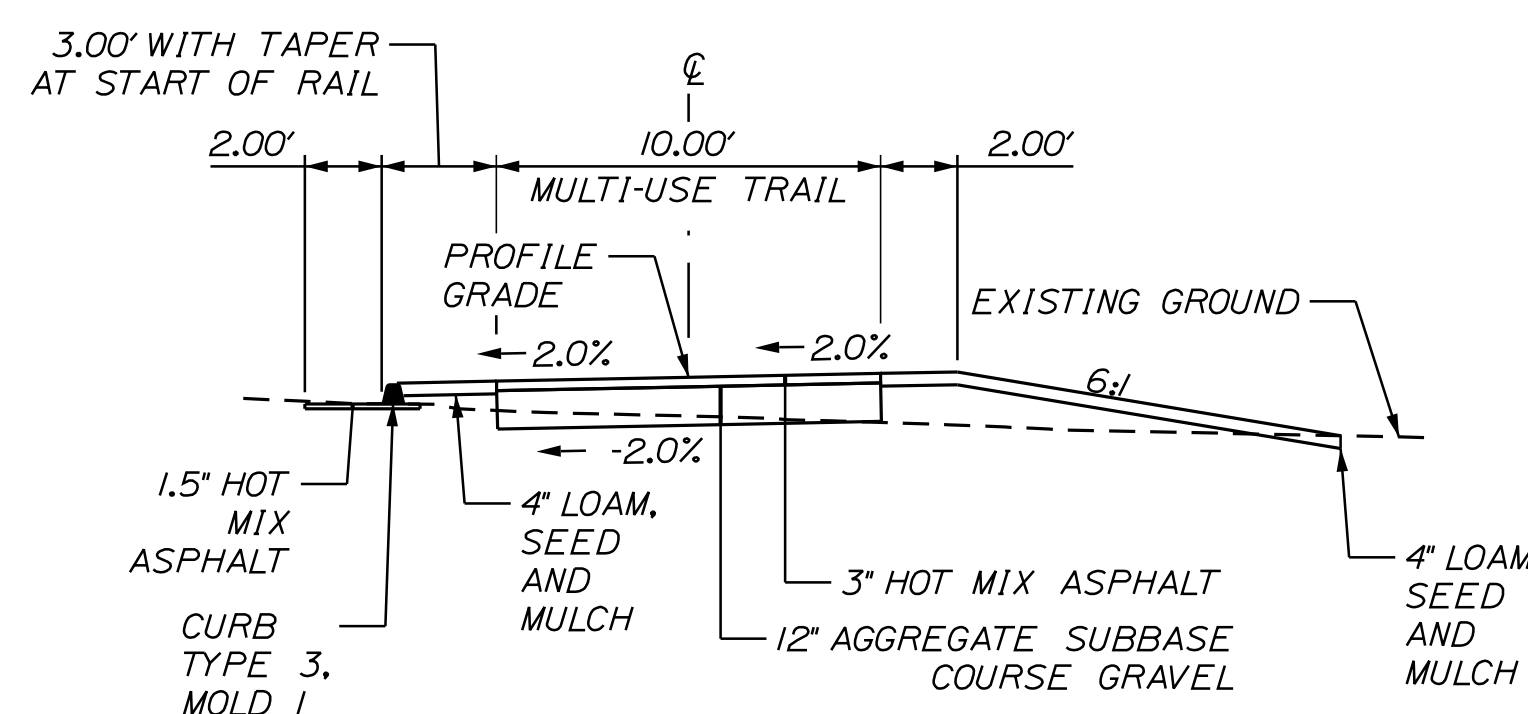
MULTI-USE TRAIL
TYPICAL SECTION AT LIGHT POLES
STA. 200+02 TO STA. 210+40.00



MULTI-USE TRAIL
TYPICAL SECTION AT BENCH AND TRASH RECEPTACLE CONCRETE PAD



MULTI-USE TRAIL
FULL CONSTRUCTION
STA. 199+70.00 TO STA. 200+02



MULTI-USE TRAIL
FULL CONSTRUCTION
STA. 200+02 TO STA. 200+50

NOTES:

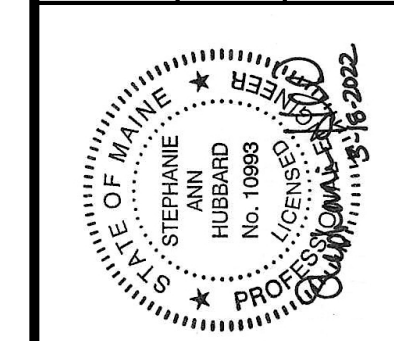
1. THE PAVEMENT AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. THE STATIONING SHOWN UNDER EACH TYPICAL SECTION IS APPROXIMATE.

Date: 3/21/2022

Username:

Division: BRIDGE

Filename: ... \MSTA\002_TypicalSections.dgn



PROJ. MANAGER	A. GORNEAU II	DATE	2/2/2022
DESIGN-DETAILED	I. WOLFFEL	BY	I. WOLFFEL
CHECKED-REVIEWED	S. HUBBARD	DATE	2/2/2022
DESIGNS-DETAILED		SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PROJ. MANAGER	A. GORNEAU II	DATE	2/2/2022
DESIGN-DETAILED	I. WOLFFEL	BY	I. WOLFFEL
CHECKED-REVIEWED	S. HUBBARD	DATE	2/2/2022
DESIGNS-DETAILED		SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BREWER RIVERWALK
TYPICAL SECTIONS & SPECIAL DETAILS

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.20	COMMON EXCAVATION	270	CY
203.2312	HEALTH AND SAFETY PLAN (HASP)	1	LS
203.2333	DISPOSAL/TREATMENT OF SPECIAL EXCAVATION	10	T
203.24	COMMON BORROW	450	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	400	CY
403.210	HOT MIX ASPHALT 9.5 MM (NOMINAL MAX SIZE)	210	T
409.15	BITUMINOUS TACK COAT - APPLIED	36	G
502.2356	MISCELLANEOUS CONCRETE	3	CY
603.179	18" CULVERT PIPE OPTION III	80	LF
604.09	CATCH BASIN TYPE BI	2	EA
609.31	CURB TYPE 3	87	LF
610.16	HEAVY RIPRAP	14	CY
615.07	LOAM	240	CY
618.13	SEEDING METHOD NUMBER 1	20	UN
619.12	MULCH	20	UN
626.421	24-INCH FOUNDATION	190	LF
629.05	HAND LABOR - STRAIGHT TIME	25	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	25	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	25	HR
634.162	PARK LIGHTING SYSTEM	1	LS
639.19	FIELD OFFICE TYPE B	1	EA
641.12	BENCH	4	EA
641.34	TRASH RECEPTACLE	2	EA
645.292	REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKING ASSEMBLY SIGNS, TYPE II	4	SF
652.312	BARRICADE TYPE III	4	EA
652.33	DRUM	25	EA
652.34	CONE	25	EA
652.35	CONSTRUCTION SIGN	140	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	30	CD
652.38	FLAGGER	150	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS
841.49	BOLLARDS - COLLAPSIBLE	4	EA
910.03	SPECIAL WORK - WI-FI SYSTEM	1	LS
910.03	SPECIAL WORK - SECURITY CAMERA SYSTEM	1	LS

GENERAL NOTES

- PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTION IS INTENDED TO BE NOMINAL.
 - GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.
 - THE CONTRACTOR SHALL PLAN AND CONDUCT WORK SO THAT UPON COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF THE TRAIL PAVEMENT.
 - ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
 - NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
 - INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
 - THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH-LINED PIPES.
 - BACKING UP BITUMINOUS OR CONCRETE SLIPFORM CURB IS INCIDENTAL TO THE CURB ITEMS. IN AREAS WHERE NEW BITUMINOUS OR CONCRETE SLIPFORM CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE OLD BITUMINOUS OR CONCRETE SLIPFORM CURB SHALL BE INCIDENTAL TO THE NEW CURB. IF CALLED FOR ON THE PLANS OR DIRECTED BY THE RESIDENT, LOAM OR DIRTY BORROW WILL BE PAID FOR SEPARATELY.
 - LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
 - UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS.
 - LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
 - ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
 - AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE EXCAVATION SITES.
 - NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
 - TREES WITHIN THE CONSTRUCTION SLOPE LINES SHALL BE REMOVED OR PROTECTED AS DIRECTED BY THE RESIDENT. TREES REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.
 - "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
 - EXISTING CONDITIONS SURVEY WAS PERFORMED BY TITCOMB ASSOCIATES OF FALMOUTH, MAINE IN 2020.
- DATUM:
 HORIZONTAL: ME2000, CENTRAL ZONE, NAD83, US SURVEY FEET
 VERTICAL: NAVD88, US SURVEY FEET

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		2477300		WIN 24773.00		HIGHWAY PLANS	
				SIGNATURE		DATE	
PROJ. MANAGER: A. GORNEAU II CHECKED-REVIEWED: I. WOLFFEL DESIGNS-DETAILED: S. HUBBARD DESIGNS-DETAILED: P. DUVAL DESIGNS-DETAILED: S. HUBBARD REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES				P.E. NUMBER		DATE	
BREWER RIVERWALK PHASE III ESTIMATED QUANTITIES & GENERAL NOTES				SHEET NUMBER			
				3			
				OF 19			

Date: 3/21/2022

Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA1005_HDPlan2.dgn

ITEM 604.09 - CATCH BASIN TYPE B1 STATION QUANTITY

204+00 LT. 1 EA.
208+38 LT. 1 EA.

ITEM 641.12 - BENCH STATION QUANTITY

203+50 LT. 1 EA.
205+50 RT. 1 EA.
208+75 LT. 1 EA.
209+50 RT. 1 EA.

ITEM 641.34 - TRASH RECEPTACLE STATION QUANTITY

205+50 RT. 1 EA.
209+50 RT. 1 EA.

ITEM 841.49 - BOLLARDS - COLLAPSIBLE STATION QUANTITY

210+00 2 EA.

CURVE DATA #8
PI = 208+99.53
D = 38°11'49.9"
Δ = 15°14'51.0" Lt.
R = 150.00'
L = 39.92'
T = 20.08'
E = 1.34'

CURVE DATA #10
PI = 210+24.11
D = 114°35'29.6"
Δ = 37°51'39.8" Lt.
R = 50.00'
L = 33.04'
T = 17.15'
E = 2.86'

ITEM 610.16 - HEAVY RIPRAP STATION QUANTITY

203+98 TO 204+02 LT. 6.13 CY
208+35 TO 208+41 LT. 6.88 CY

CURVE DATA #5
PI = 204+51.05
D = 19°05'54.9"
Δ = 22°48'31.6" Rt.
R = 300.00'
L = 119.43'
T = 60.51'
E = 6.04'

CURVE DATA #6
PI = 206+15.56
D = 19°05'54.9"
Δ = 17°56'08.3" Lt.
R = 300.00'
L = 93.91'
T = 47.34'
E = 3.71'

CURVE DATA #7
PI = 207+16.34
D = 19°05'54.9"
Δ = 20°29'03.5" Rt.
R = 300.00'
L = 107.26'
T = 54.21'
E = 4.86'

CURVE DATA #9
PI = 209+64.46
D = 38°11'49.9"
Δ = 33°27'32.9"
R = 150.00'
L = 87.60'
T = 45.09'
E = 6.63'

CURVE DATA #4
PI = 203+66.20
D = 95°29'34.7"
Δ = 49°53'18.0" Rt.
R = 60.00'
L = 52.24'
T = 27.91'
E = 6.17'

REMOVE EXISTING BENCH AND COORDINATE WITH RESIDENT ON DELIVERY TO OWNER OR OFF-SITE DISPOSAL.

MONITORING WELLS TO BE ABANDONED BY OTHERS PRIOR TO THE PROJECT (TYP.)

BENCH CONCRETE PAD (TYP.)

EXISTING BENCH TO BE TEMPORARILY REMOVED TO ACCOMMODATE GRADING AND RESET IN CURRENT LOCATION, AS DIRECTED BY THE RESIDENT.

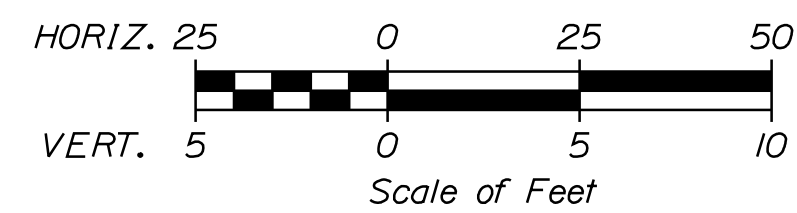
AREA OF POTENTIAL PONDING. VERIFY POSITIVE DRAINAGE PRIOR TO PLACING LOAM. COORDINATE WITH RESIDENT AND PROPERTY OWNER.

HEAVY RIPRAP 18" X 40' OPT III

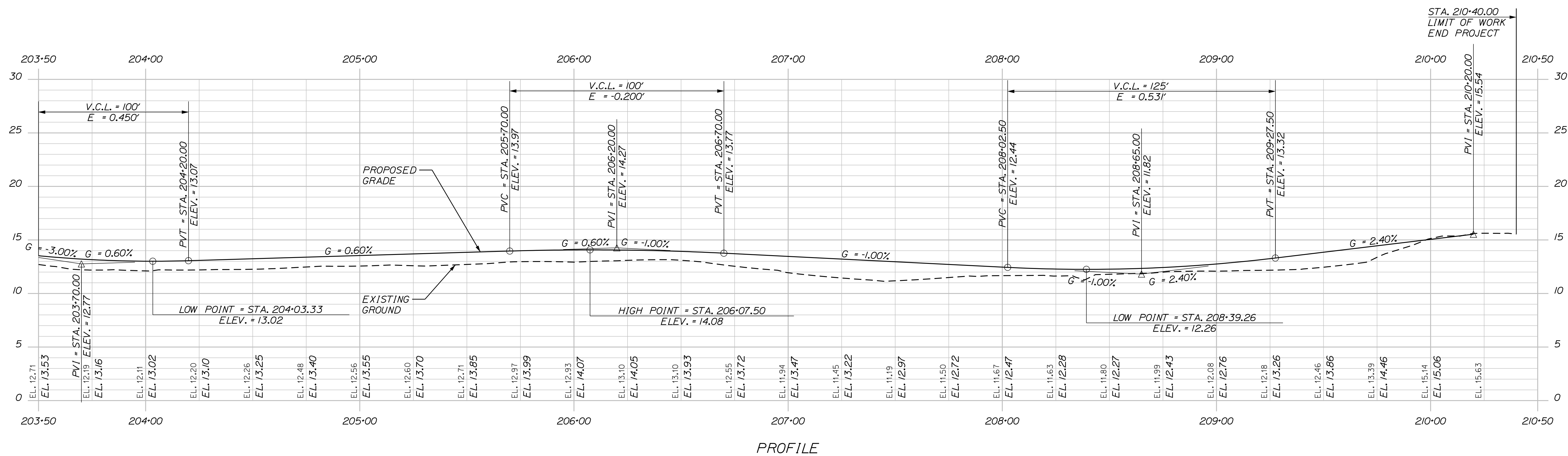
EXISTING MONITORING WELLS TO BE ABANDONED IN PLACE. WELLS WILL BE CUT BELOW GRADE AND FILLED PRIOR TO START OF PROJECT. (BY OTHERS)

EXISTING BOULDERS TO BE REMOVED AND RESET ALONG TRAIL AS DIRECTED BY THE Resident.

PLAN/PROFILE

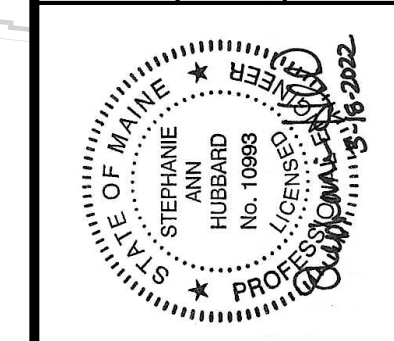


PLAN



PROFILE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2477300 WIN 24773.00 HIGHWAY PLANS



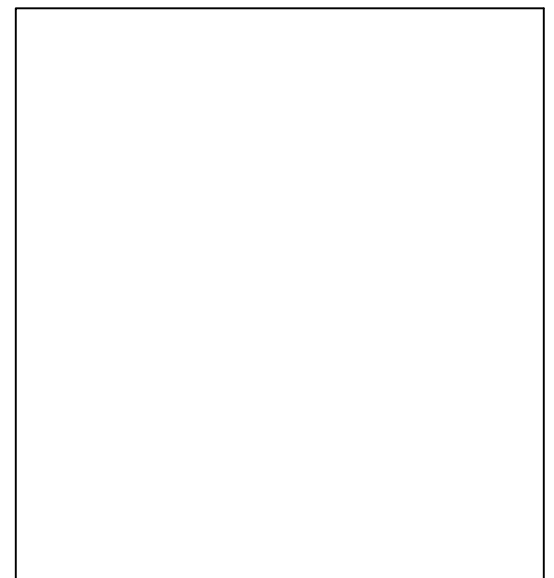
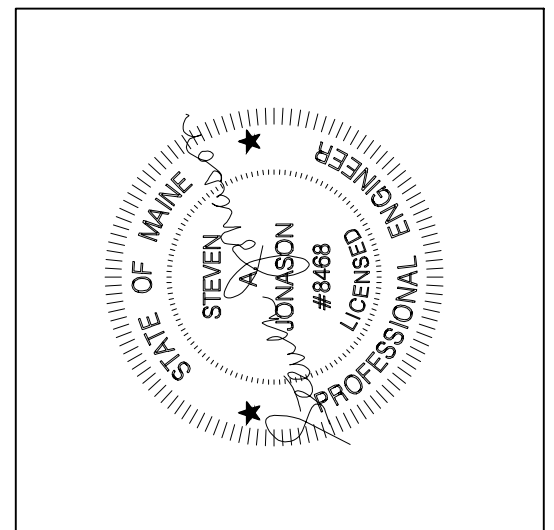
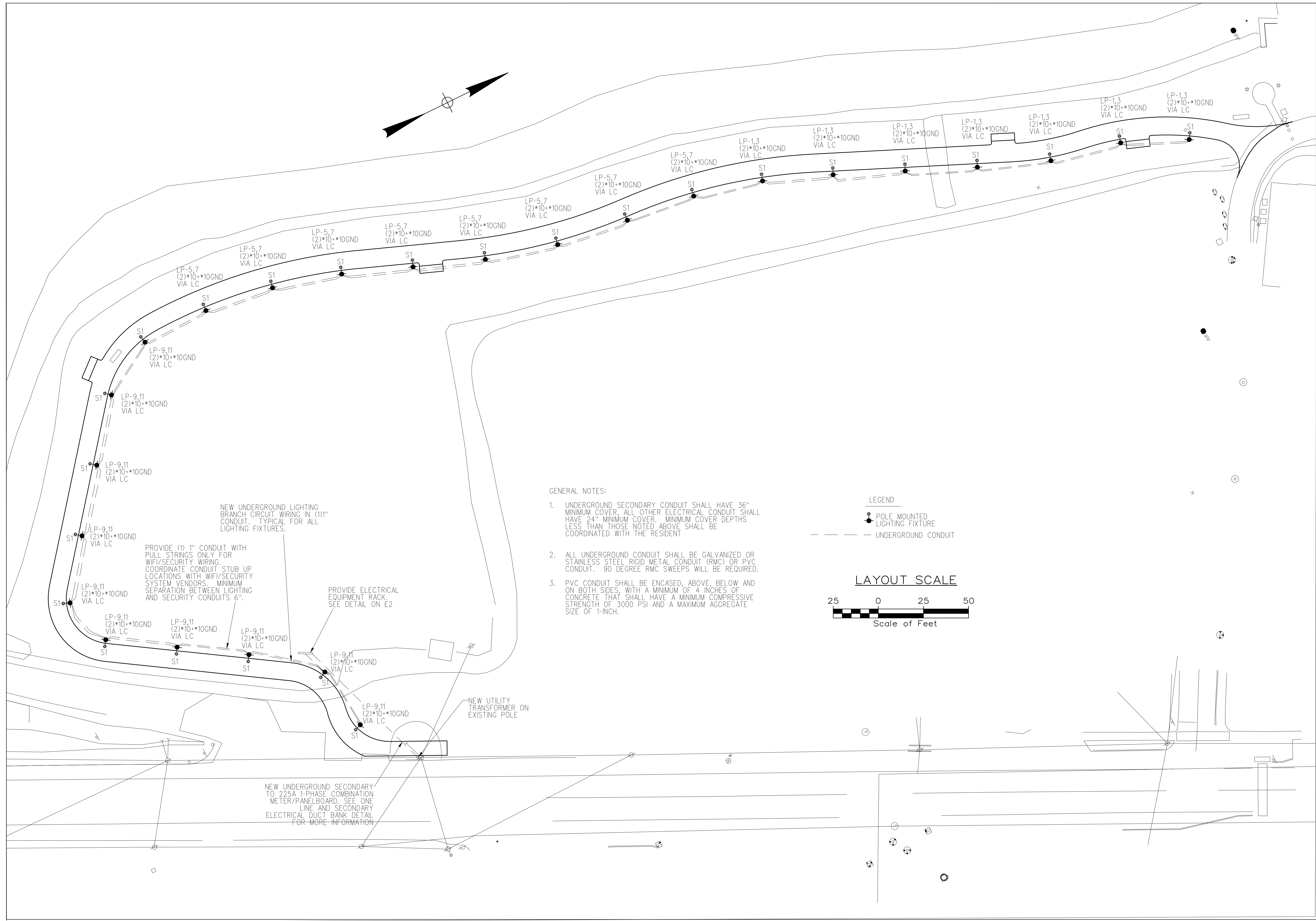
PROJ. MANAGER	A. GORNEAU	BY	I. WOLFFEL	DATE	2/2022
DESIGN-DETAILED	I. WOLFFEL	CHECKED-REVIEWED	S. HUBBARD	DATE	2/2022
DESIGN-DETAILED	S. HUBBARD	DESIGNS-DETAILED			
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

BREWER RIVERWALK
BREWER RIVERWALK
PLAN AND PROFILE

SHEET NUMBER

5

OF 19



BREWER RIVERWALK PHASE III
BREWER, MAINE
ELECTRICAL SITE PLAN

Date Drawn - 3/18/22

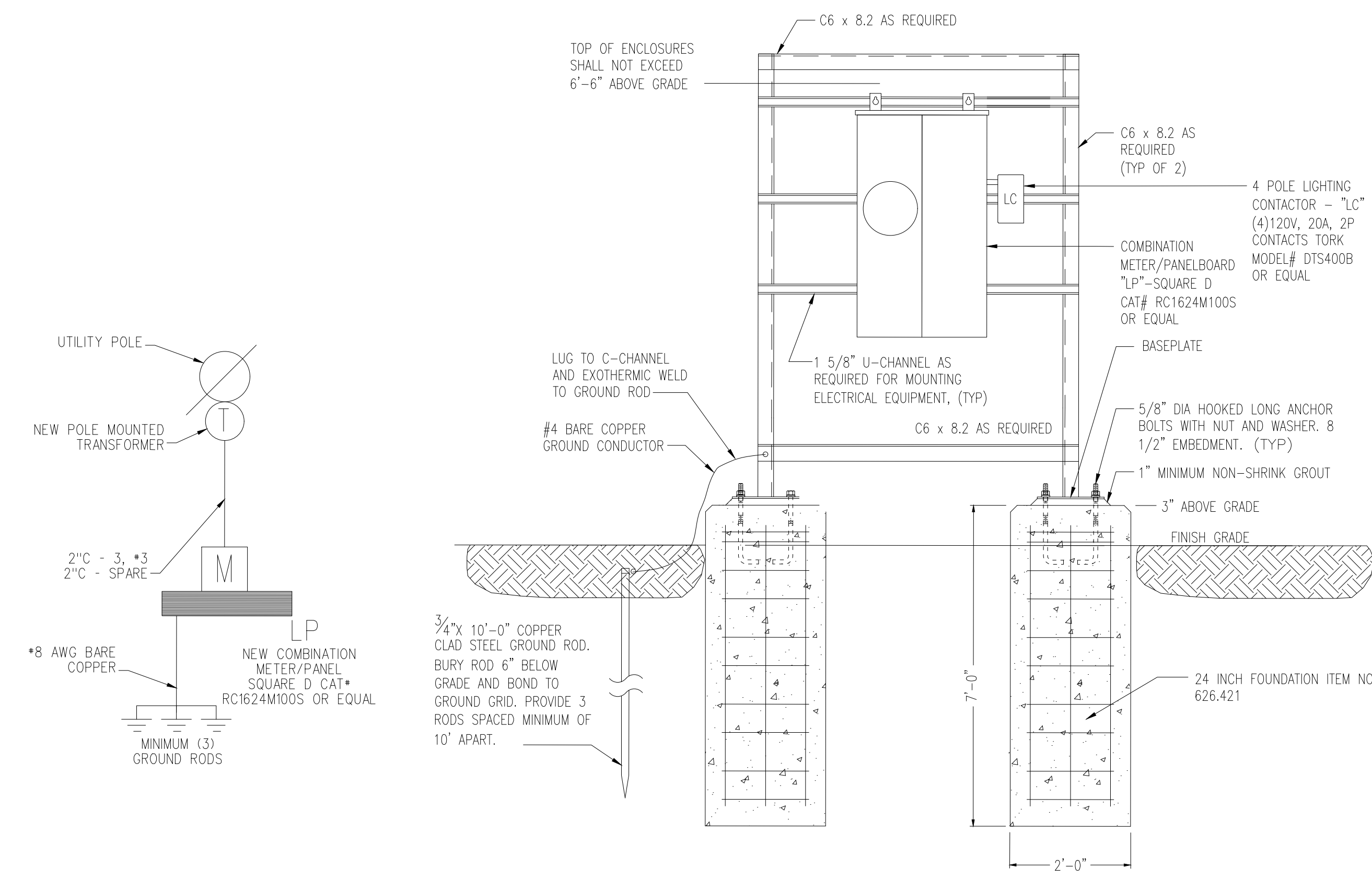
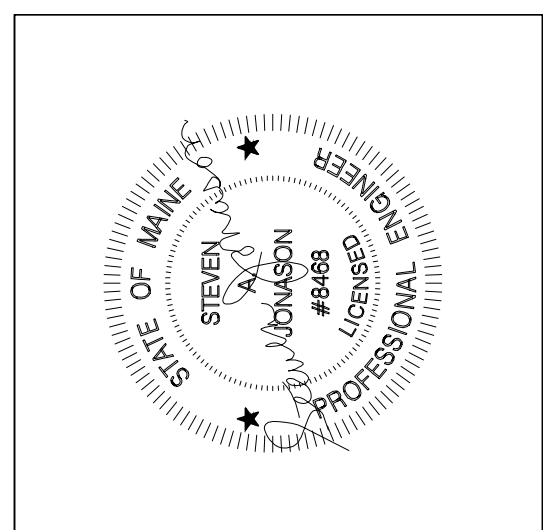
Drawn By - SAJ

-/-/-/-

Project # 4533

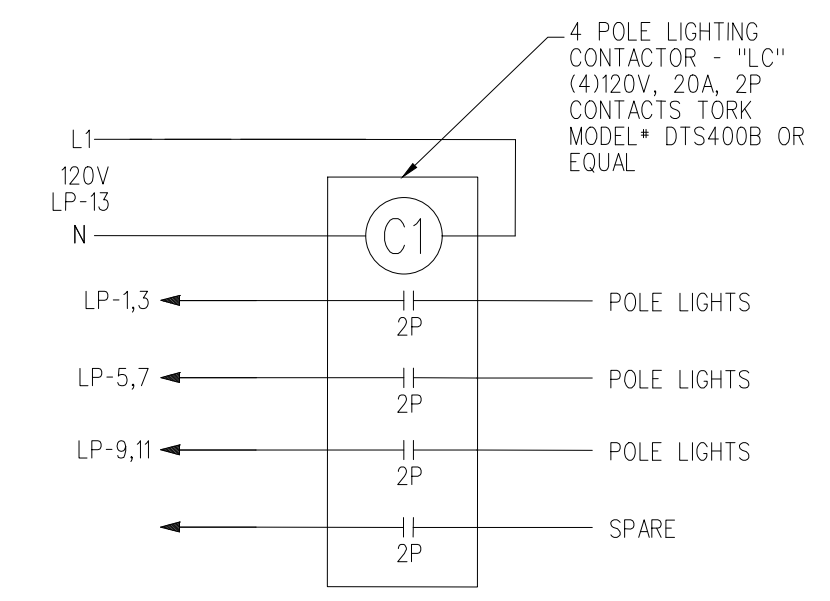
Scale - AS NOTED

Sheet Number - 6

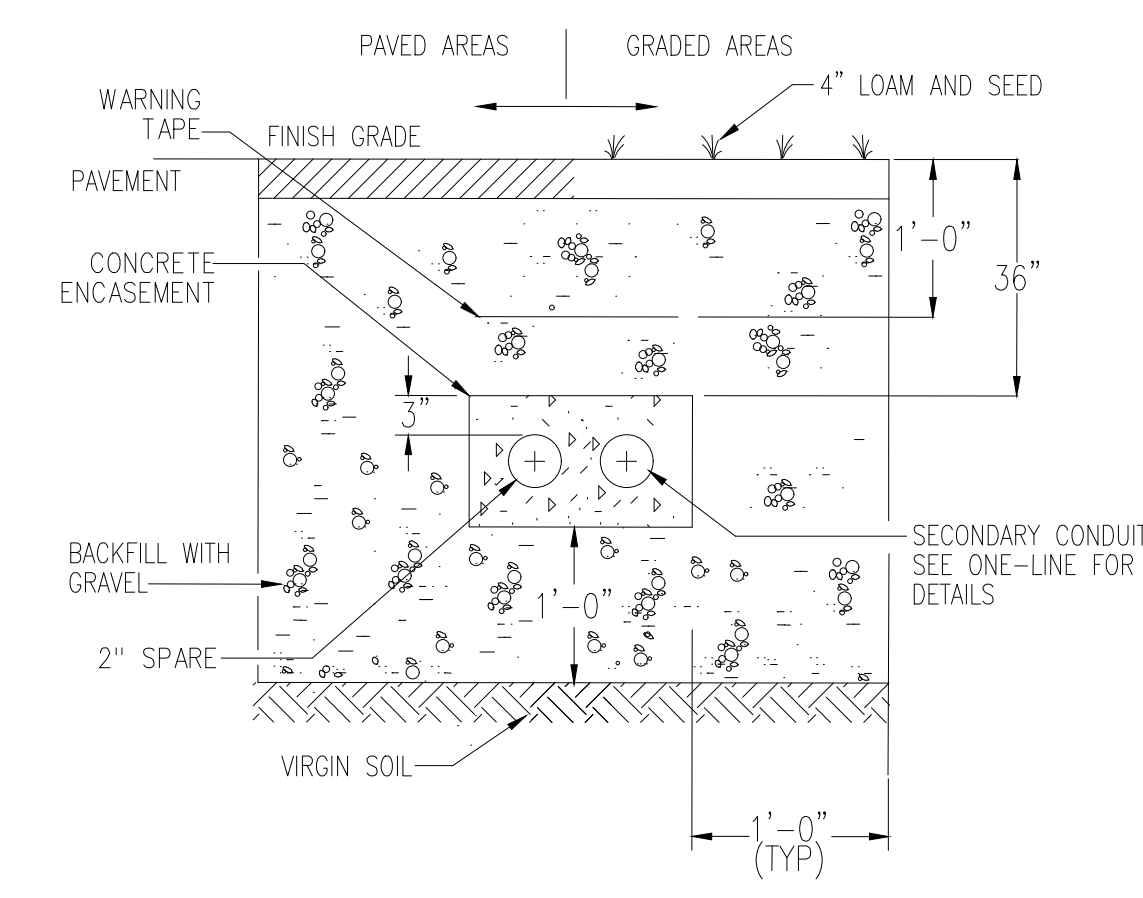


RISER DIAGRAM
SCALE: NTS

EQUIPMENT MOUNTING STRUCTURE
SCALE: NTS



LIGHTING CONTACTOR "LC" DETAIL
SCALE: NTS



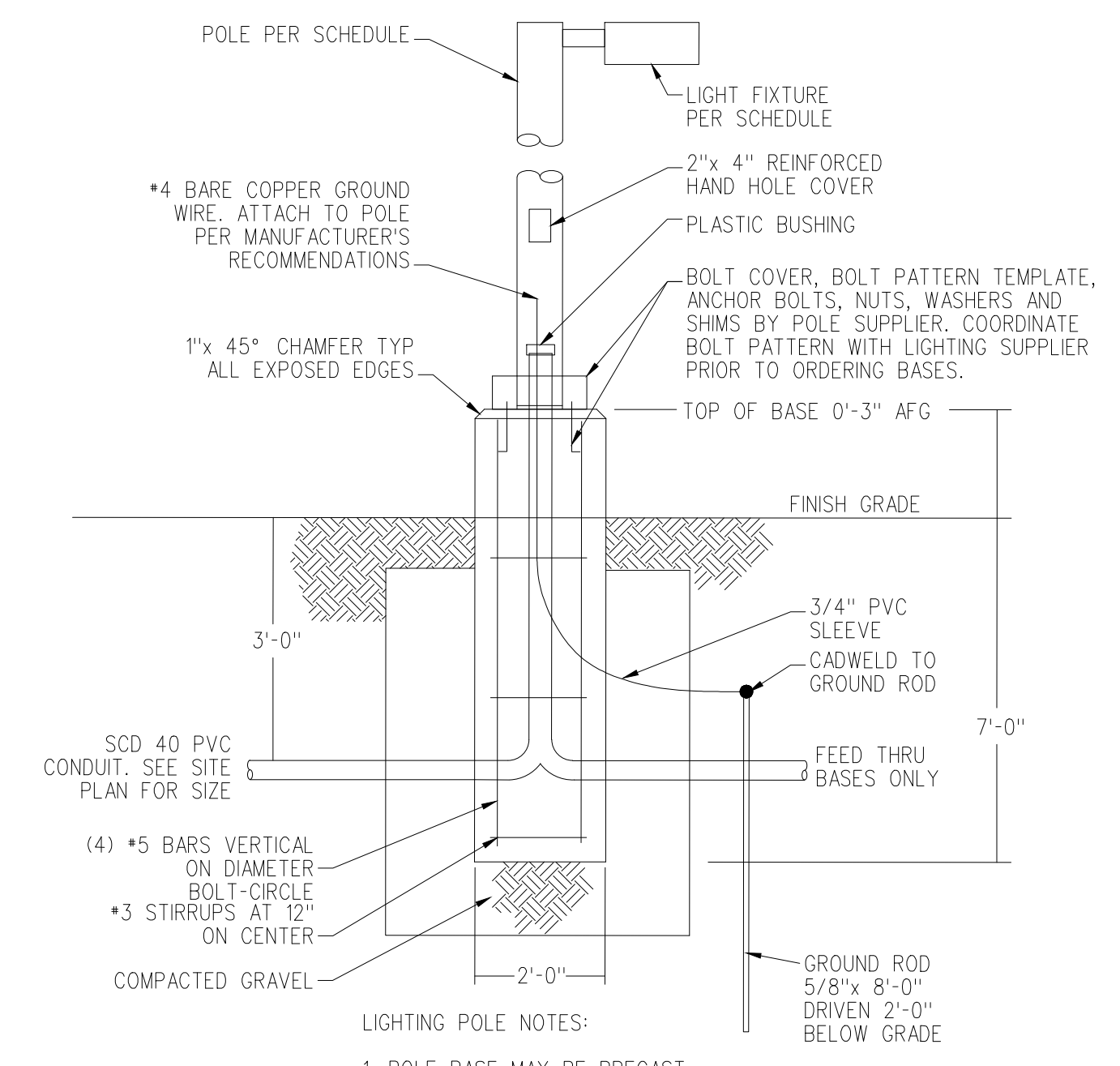
SECONDARY ELECTRICAL DUCT BANK SECTION
SCALE: NONE

NOTES:
1. SITE LIGHTING CONDUIT 36" BELOW GRADE. OTHER SITE CONDUITS SIMILAR BUT SMALLER TRENCH AND CONDUIT SIZE AS INDICATED.

PANEL LP 120/240 1PH 3W 100 AMP MCB 22K AIC NEMA COMBINATION METER/PANELBOARD															
CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA	CKT #	LOAD DESCRIPTION	AT	P	CA	DF	DA	VA
1	WALKWAY LIGHTING	20	2	1	1.00	1	140	2	SPACE		1		1.00	0	0
3							140	4	SPACE		1		1.00	0	0
5	WALKWAY LIGHTING	20	2	1	1.00	1	160	6	SPACE		1		1.00	0	0
7							160	8	SPACE		1		1.00	0	0
9	WALKWAY LIGHTING	20	2	2	1.00	2	200	10	SPACE		1		1.00	0	0
11							200	12	SPACE		1		1.00	0	0
13	LIGHTING CONTACTOR	20	1	5	1.00	5	693	14	SPACE		1		1.00	0	0
15	SPARE	20	1		1.00	0	0	16	SPACE		1		1.00	0	0
17	SPARE	20	1		1.00	0	0	18	SPACE		1		1.00	0	0
19	SPARE	20	1		1.00	0	0	20	SPACE		1		1.00	0	0
21	SPARE	20	1		1.00	0	0	22	SPACE		1		1.00	0	0
23	SPARE	20	1		1.00	0	0	24	SPACE		1		1.00	0	0

LIGHT FIXTURE SCHEDULE

TYPE	MANUFACTURER AND MODEL NUMBER	LAMP INFO	REMARKS
S1	CRYSTAL LIGHTING CAT# CLP-3071-T2-40W-40K-MV-BLK, POLE CAT# HAPCO RTA12CA4	LED 40W	COLOR TO MATCH EXISTING FIXTURES



POLE BASE DETAIL
SCALE: NONE

BREWER RIVERWALK PHASE III
 BREWER, MAINE
ELECTRICAL SCHEDULES AND DETAILS

Date Drawn - 3/18/22

Drawn By - SAJ

- / - / -

Project - 4533

Scale - AS NOTED

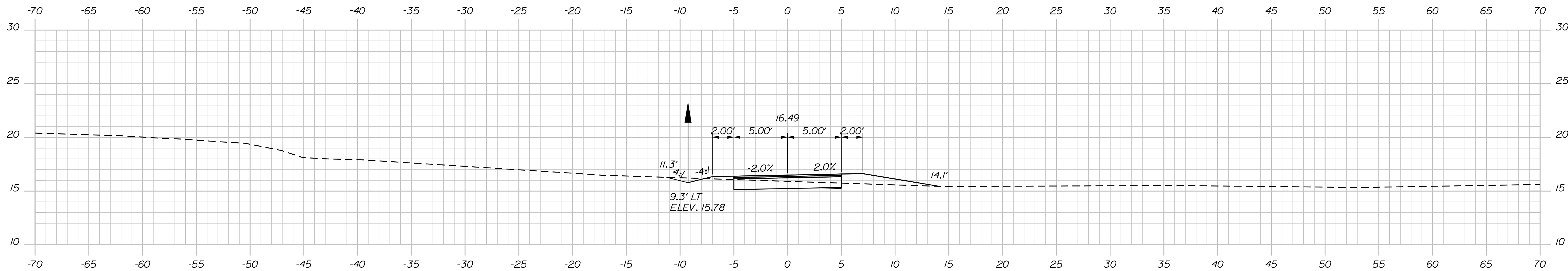
Sheet Number - 7

Date: 3/21/2022

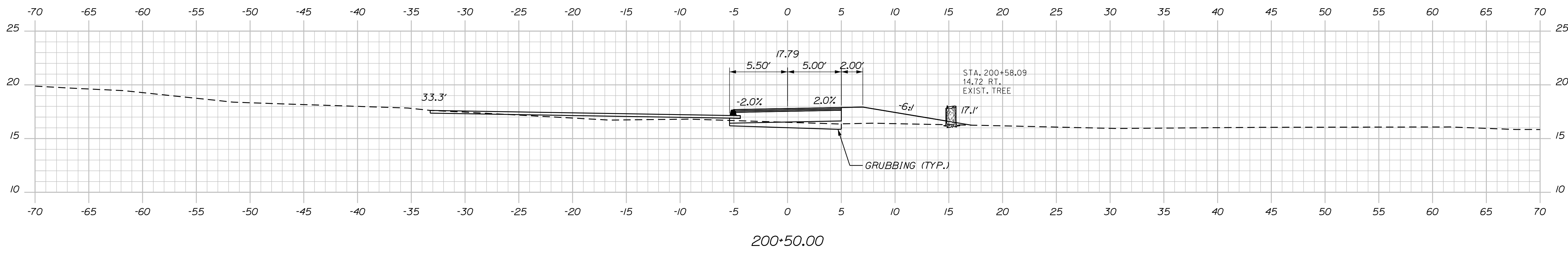
Username:

Division: BRIDGE

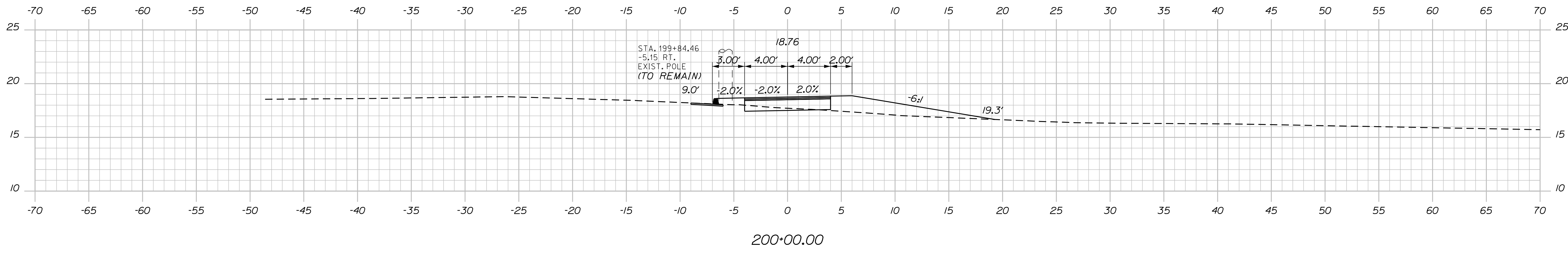
Filename: ... \HIGHWAY\MSTA\sect.dgn



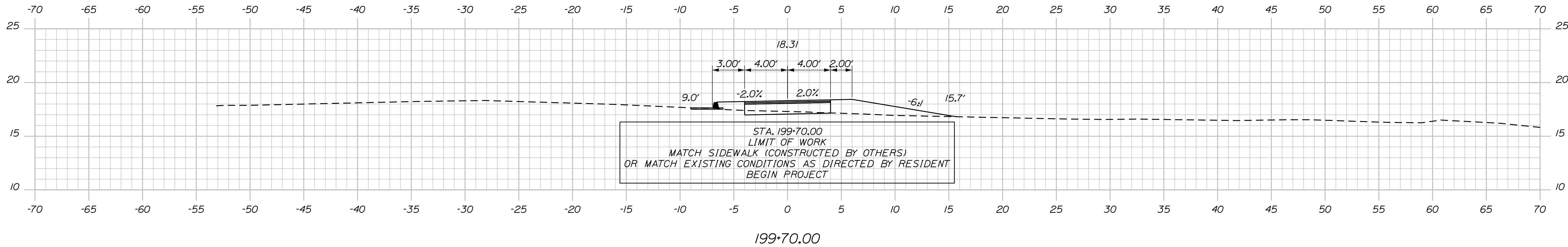
201+00.00



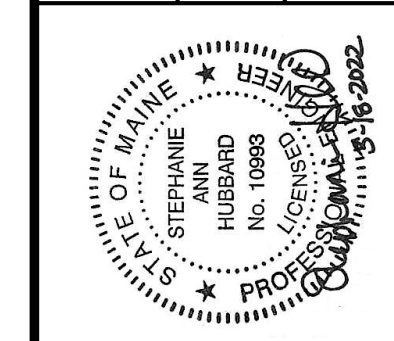
200+50.00



200+00.00



199+70.00



SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	A. GORNEAU II	DATE	2/2022
DESIGN-DETAILED	I. WOLFFEL	BY	I. WOLFFEL
CHECKED-REVIEWED	S. HUBBARD	DATE	2/2022
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

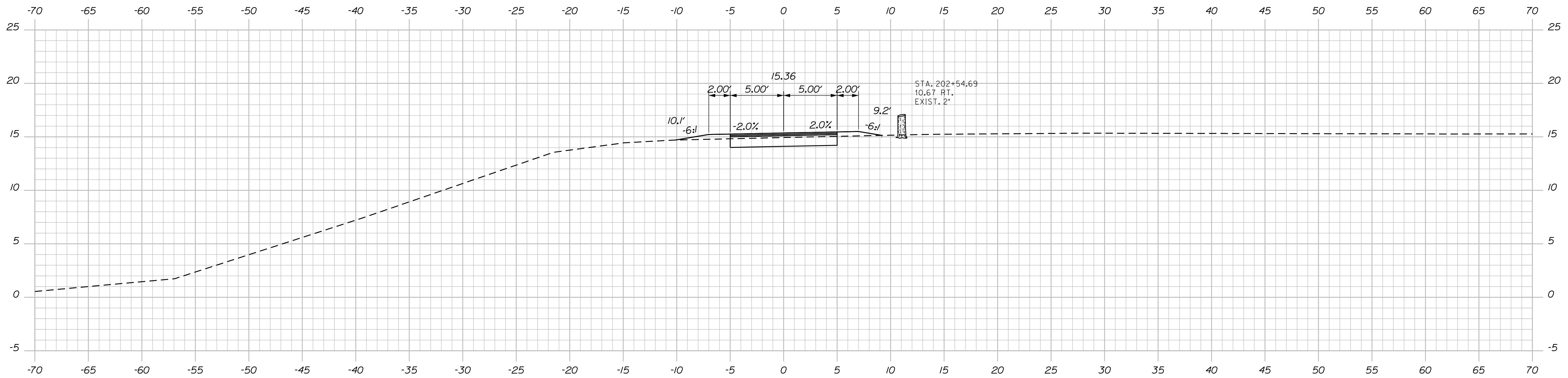
BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER
8
OF 19

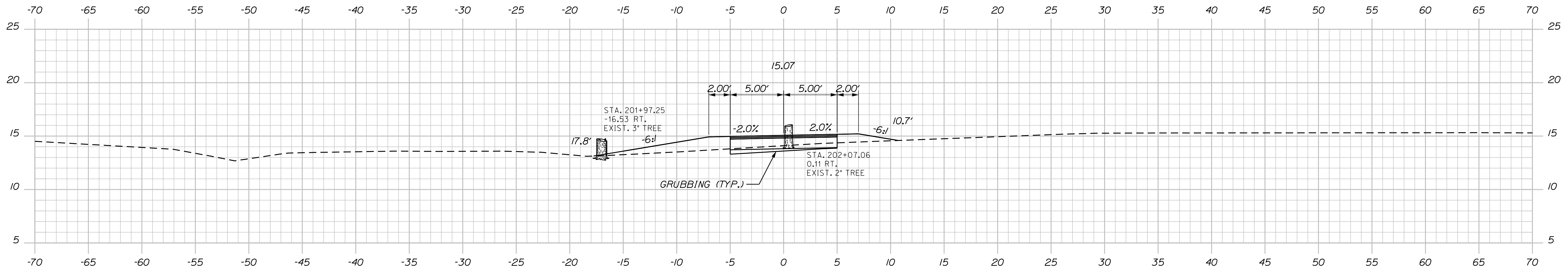
Date: 3/21/2022

Username: Division: BRIDGE

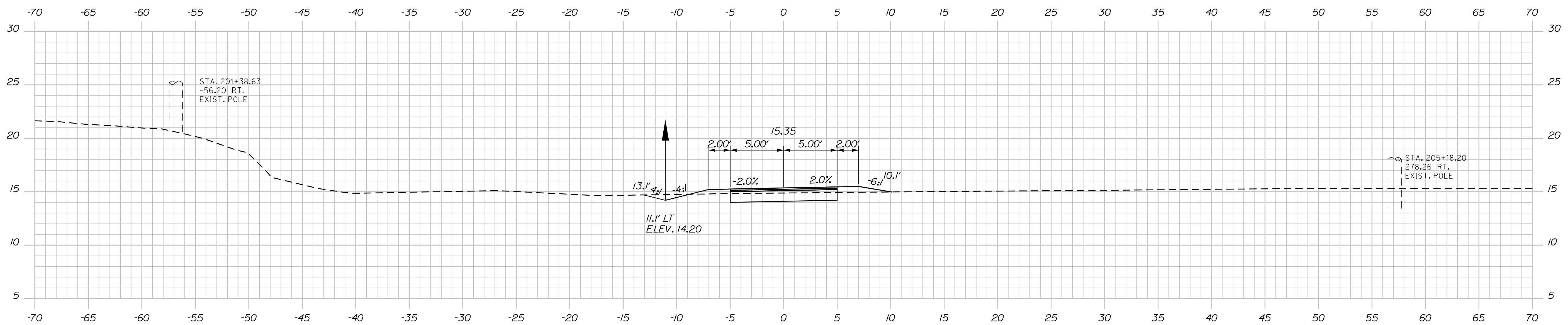
Filename: ... \HIGHWAY\MSTA\sect.dgn



202+50.00

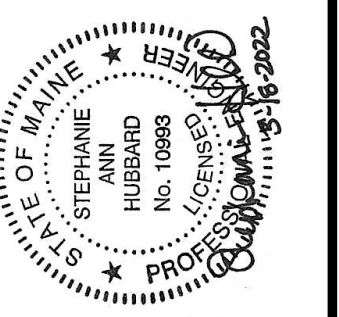


202+00.00



201+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2477300
WIN
24773.00
HIGHWAY PLANS



PROJ. MANAGER	A. GORNEAU II
CHECKED-REVIEWED	T. WOLFFEL / S. HUBBARD
DESIGN-REVIEWED	P. DUVAL
DESIGNS-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

DATE	BY	SIGNATURE	P.E. NUMBER	DATE
2/2022	I. WOLFFEL			
2/2022	P. DUVAL			

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER

9

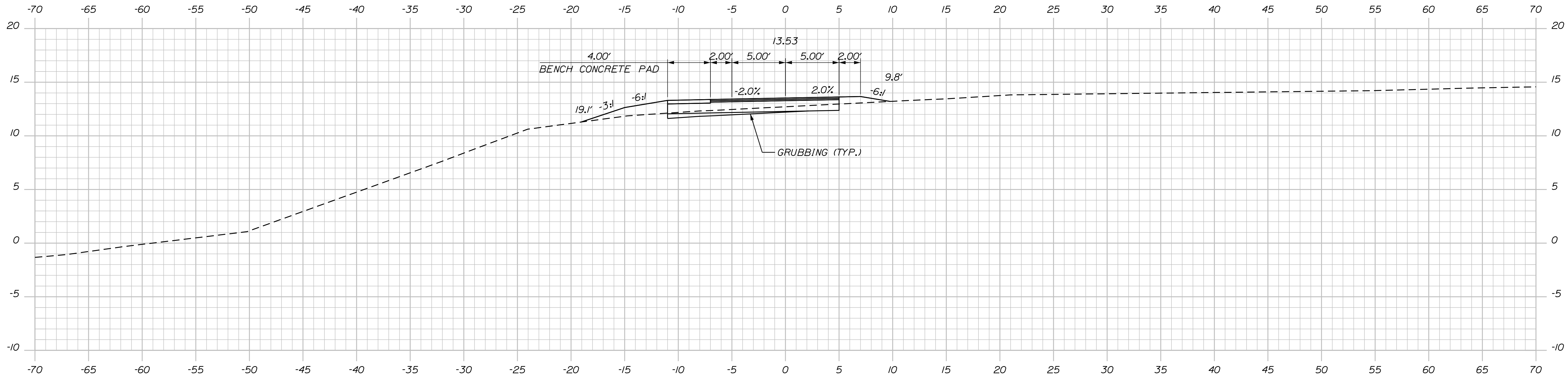
OF 19

Date: 3/21/2022

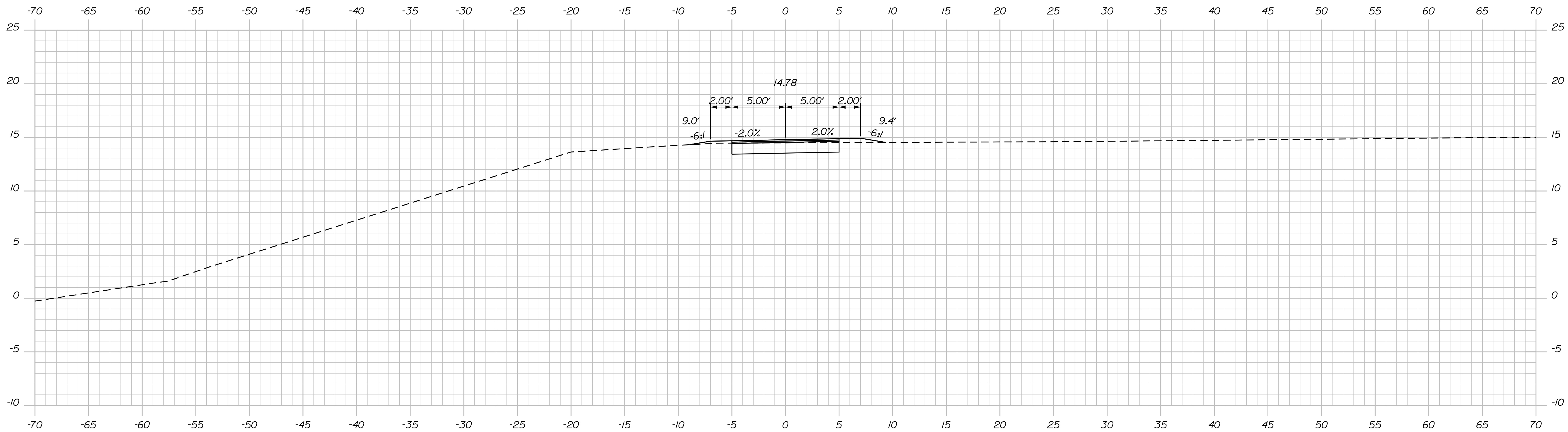
Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\sect.dgn



203+50.00



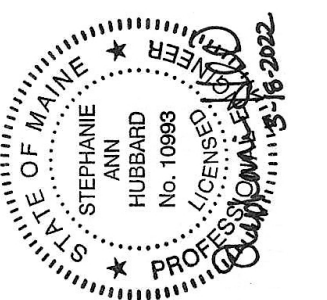
203+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2477300

WIN
24773.00

HIGHWAY PLANS



SIGNATURE

P.E. NUMBER

DATE

DATE

BY

BY

A. GORNEAU II

T. WOLFFEL

S. HUBBARD

DESIGN-DETAILED

CHECKED-REVIEWED

DESIGN-DETAILED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

BREWER
BREWER RIVERWALK

CROSS SECTIONS

SHEET NUMBER

10

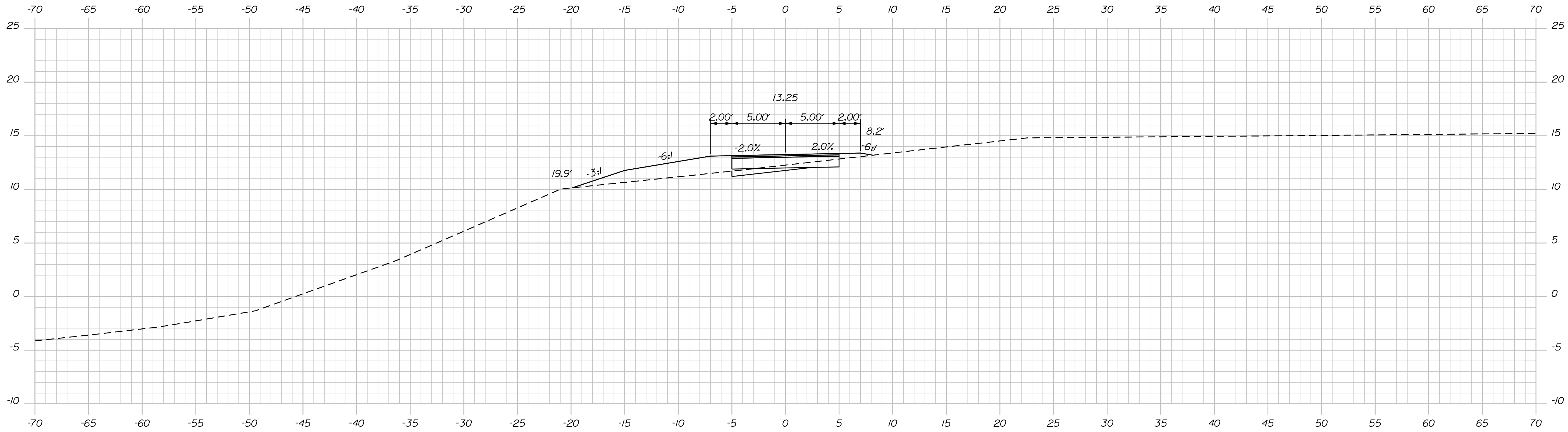
OF 19

Date: 3/21/2022

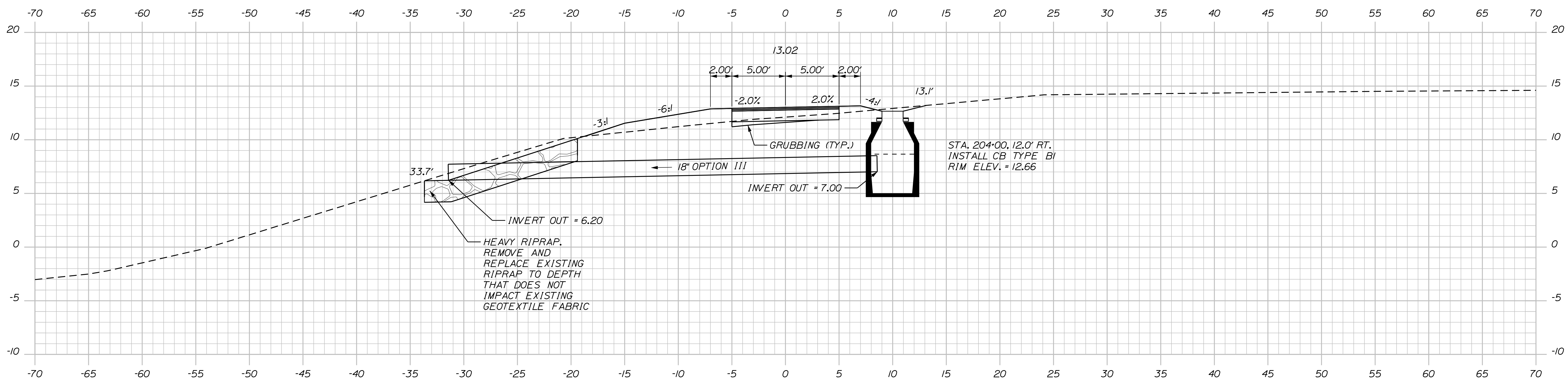
Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\sect.dgn



204+50.00



204+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2477300

WIN
24773.00

HIGHWAY PLANS



DESIGN-DETAILED	A. GORNEAU II	DATE	2/2/2022
CHECKED-REVIEWED	T. WOLFFEL	BY	I. WOLFFEL
DESIGN-DETAILED	S. HUBBARD	DATE	2/2/2022
REVISIONS 1		SIGNATURE	
REVISIONS 2		P.E. NUMBER	
REVISIONS 3		DATE	
REVISIONS 4			
FIELD CHANGES			

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER

11

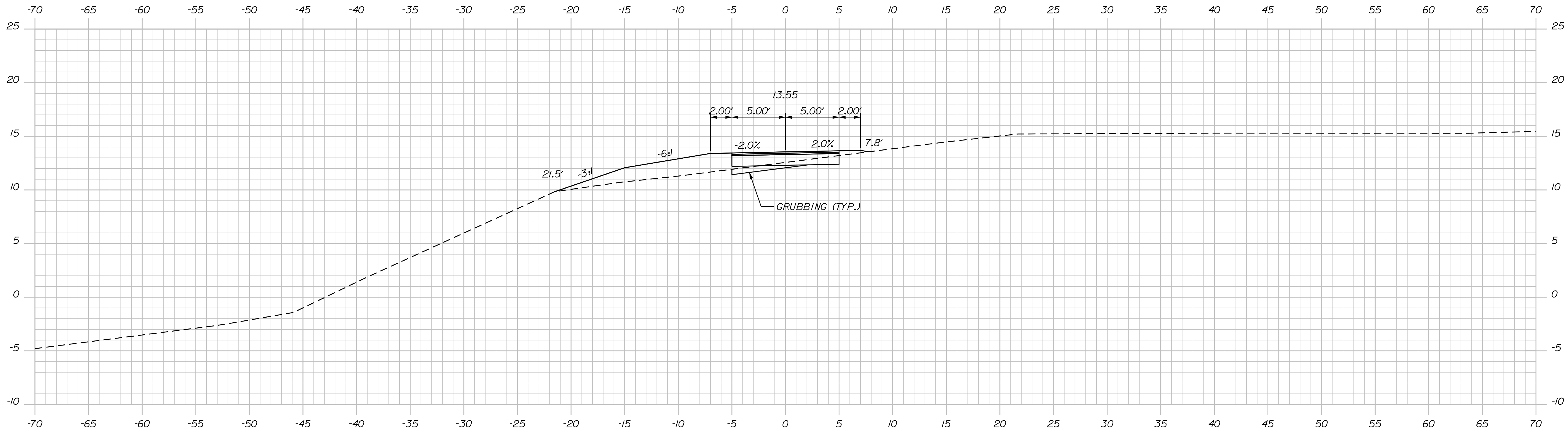
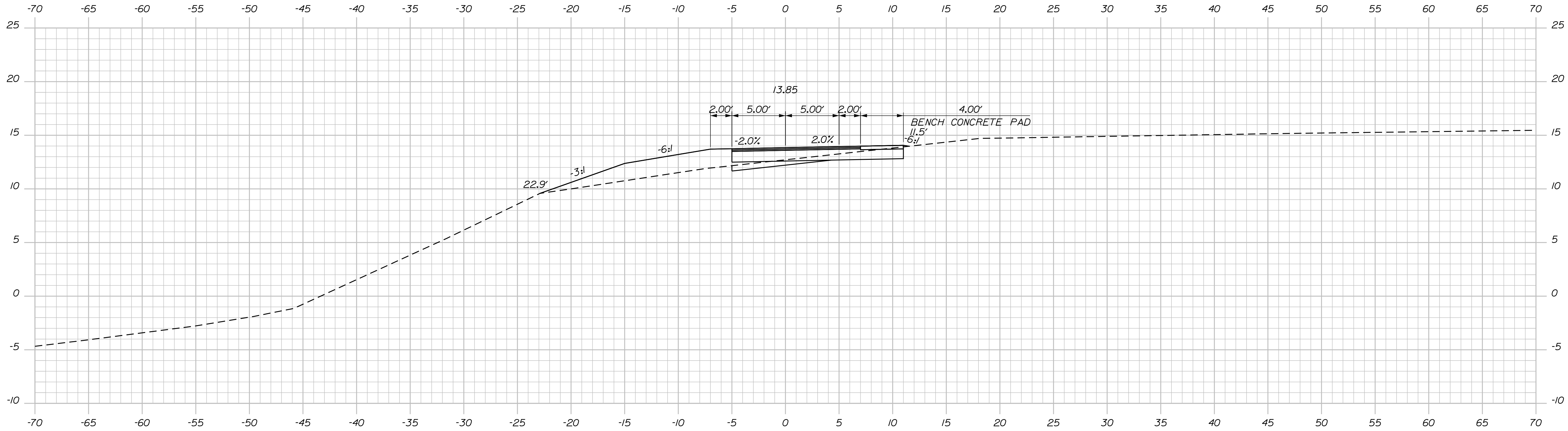
OF 19

Date: 3/21/2022

Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\sect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2477300

WIN
24773.00

HIGHWAY PLANS



PROJ. MANAGER A. GORNEAU II	DATE 2/2022
DESIGN-DETAILED T. WOLFFEL	BY I. WOLFFEL
CHECKED-REVIEWED S. HUBBARD	P. DUVAL
DESIGN-DETAILED	SIGNATURE
REVISIONS 1	P.E. NUMBER
REVISIONS 2	DATE
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER

12

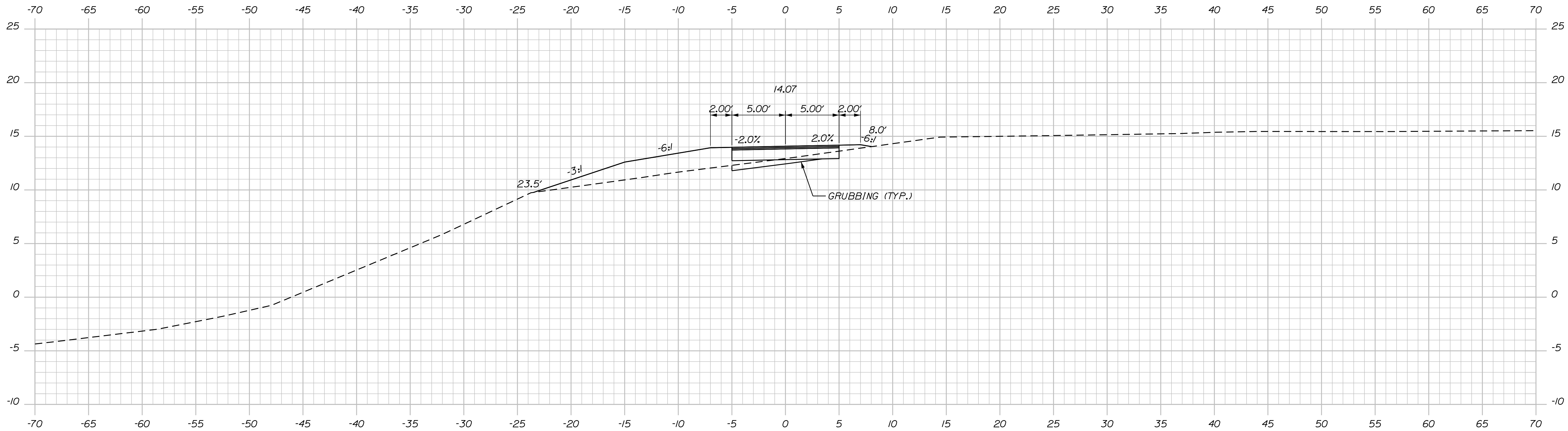
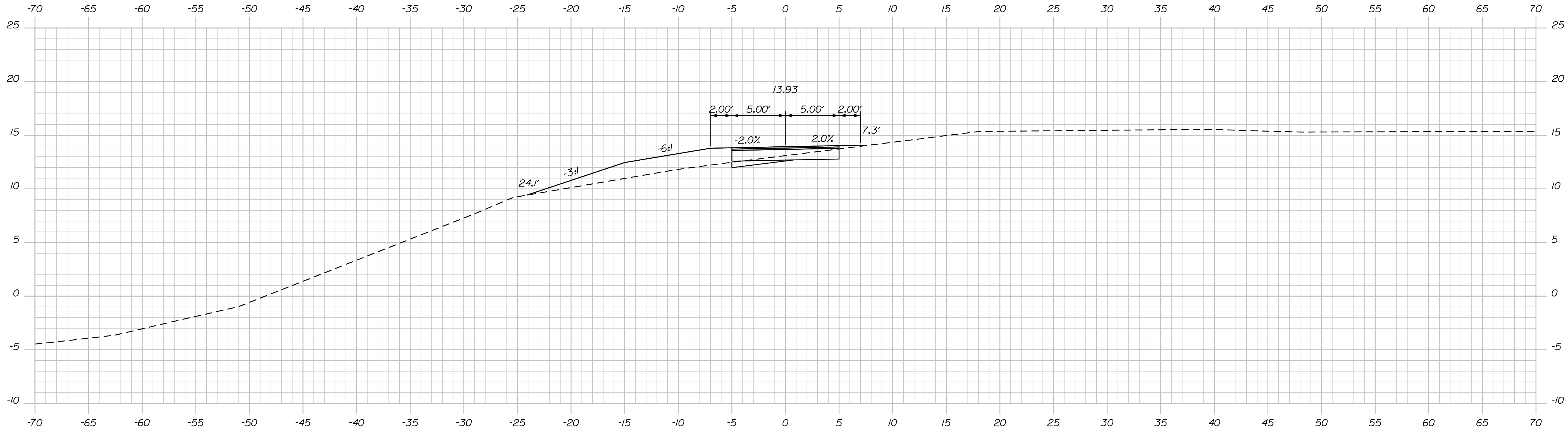
OF 19

Date: 3/21/2022

Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\sect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2477300

WIN
24773.00

HIGHWAY PLANS



SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	A. GORNEAU II	DATE
DESIGN-DETAILED	T. WOLFFEL	2/2022
CHECKED-REVIEWED	P. DUVAL	2/2022
DESIGN-DETAILED	S. HUBBARD	
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER

13

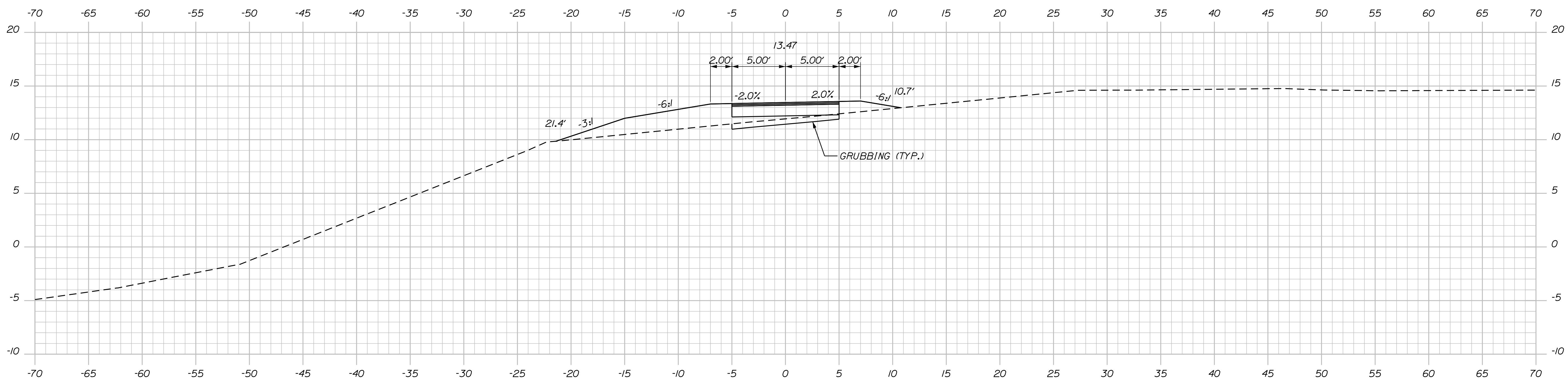
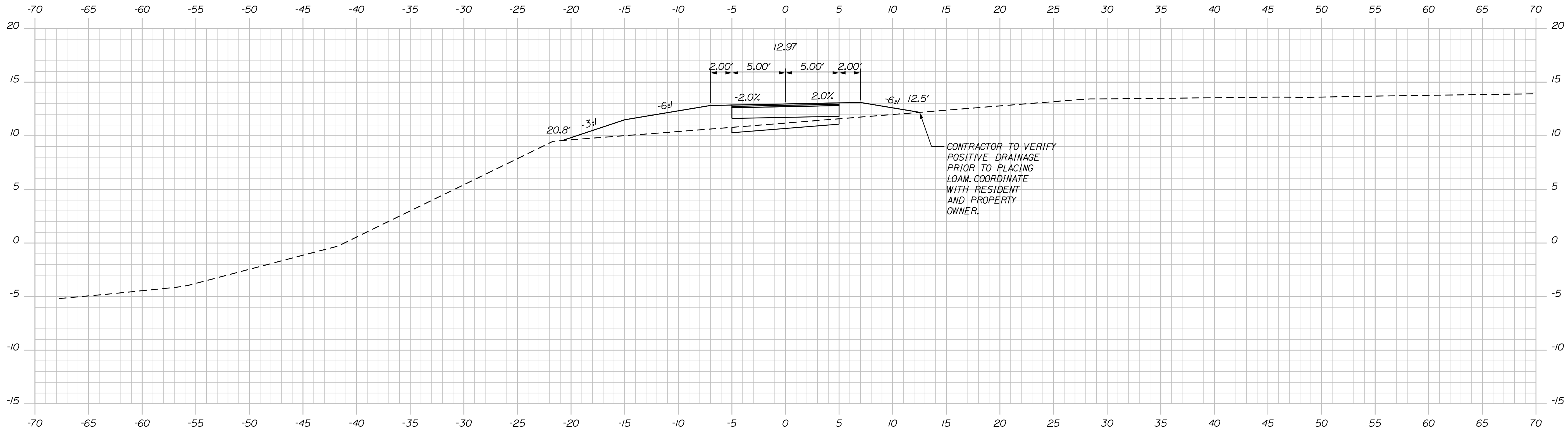
OF 19

Date: 3/21/2022

Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\sect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2477300

WIN
24773.00

HIGHWAY PLANS



PROJ. MANAGER: A. GORNEAU II
 DESIGN-DETAILED: T. WOLFFEL
 CHECKED-REVIEWED: S. HUBBARD
 DESIGN-DETAILED: S. HUBBARD
 REVISIONS 1
 REVISIONS 2
 REVISIONS 3
 REVISIONS 4
 FIELD CHANGES

DATE	BY	DATE	BY
2/2022	T. WOLFFEL	2/2022	P. DUVAL

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER

14

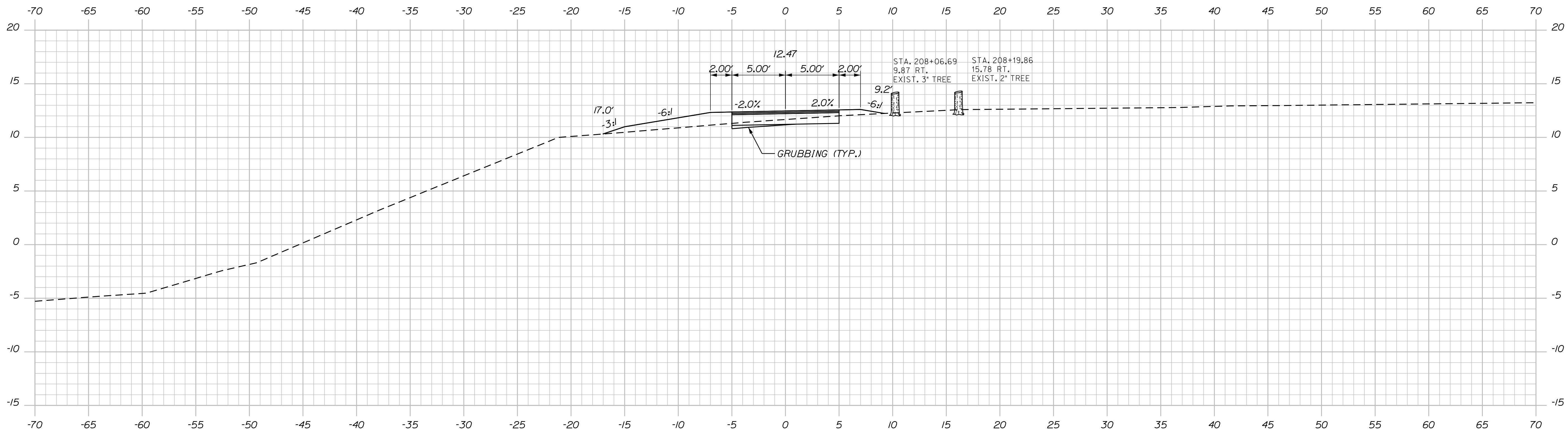
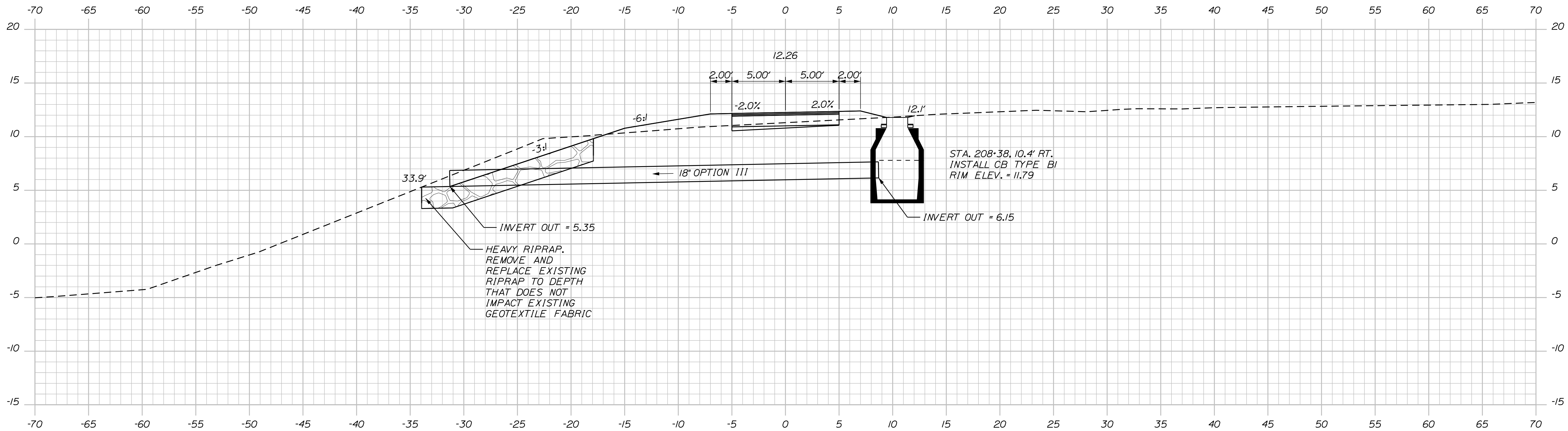
OF 19

Date: 3/21/2022

Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\sect.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2477300
WIN
24773.00
HIGHWAY PLANS

PROJ. MANAGER A. GORNEAU II	DATE 2/2/2022
DESIGN-DETAILED T. WOLFFEL	BY I. WOLFFEL
CHECKED-REVIEWED S. HUBBARD	P. DUVAL
DESIGNS-DETAILED	SIGNATURE
REVISIONS 1	P.E. NUMBER
REVISIONS 2	DATE
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BREWER
BREWER RIVERWALK
CROSS SECTIONS

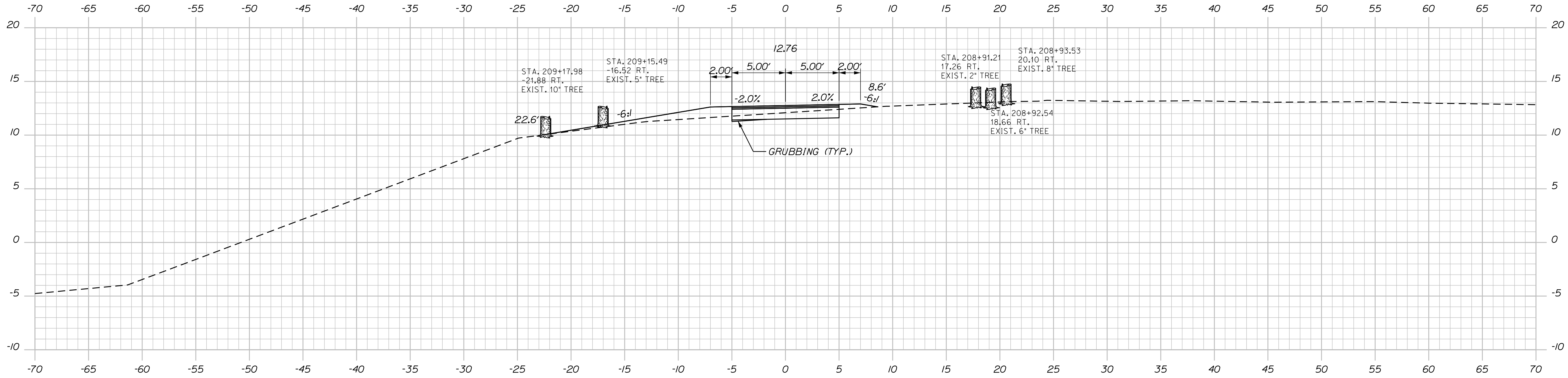
SHEET NUMBER
15
OF 19

Date: 3/21/2022

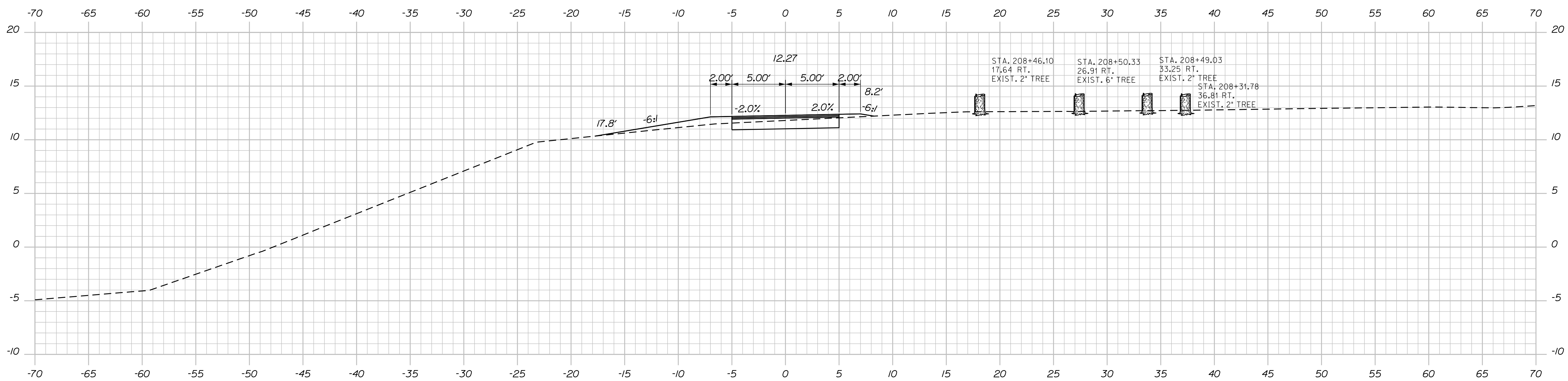
Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\Xsect.dgn



209+00.00



208+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2477300

WIN
24773.00

HIGHWAY PLANS



DESIGN-DETAILED	DATE
CHECKED-REVIEWED	BY
DESIGN-DETAILED	DATE
DESIGN-DETAILED	BY
REVISIONS 1	SIGNATURE
REVISIONS 2	P.E. NUMBER
REVISIONS 3	DATE
REVISIONS 4	
FIELD CHANGES	

PROJ. MANAGER	A. GORNEAU II
DESIGN-DETAILED	T. WOLFFEL
CHECKED-REVIEWED	S. HUBBARD
DESIGN-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER

16

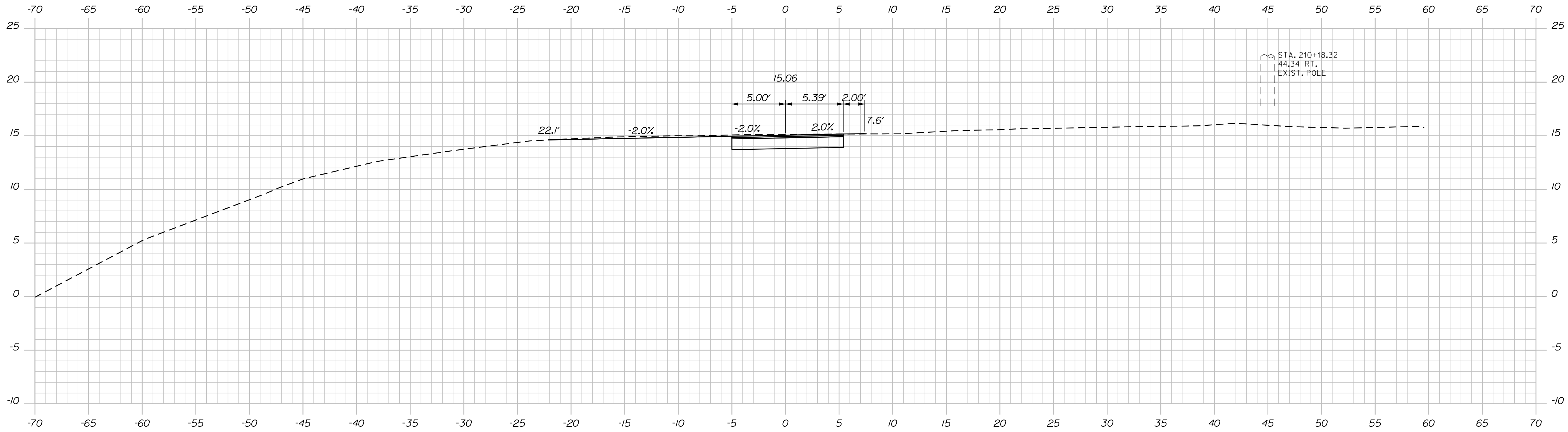
OF 19

Date: 3/21/2022

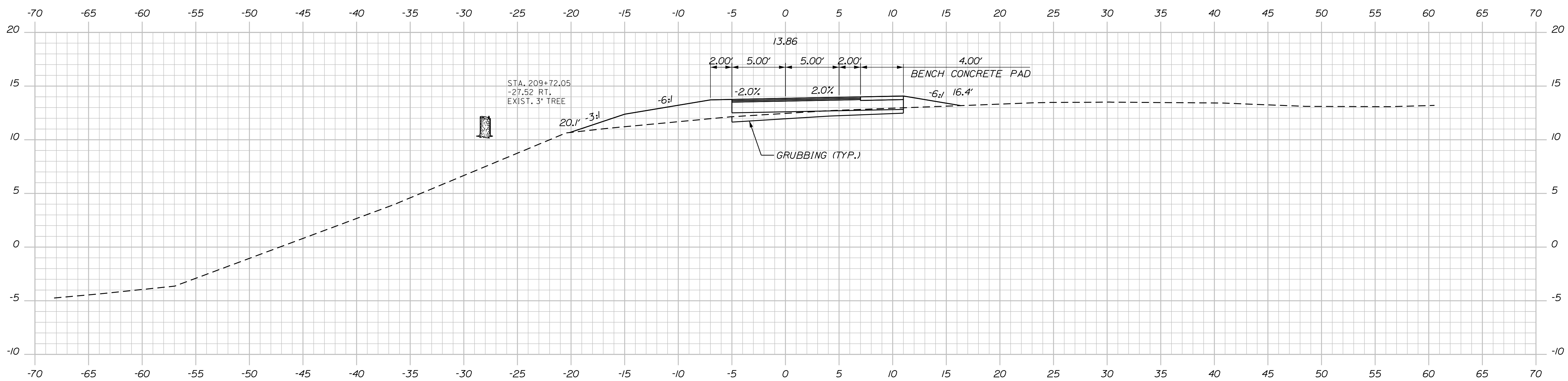
Username:

Division: BRIDGE

Filename: ... \HIGHWAY\MSTA\sect.dgn



210+00.00



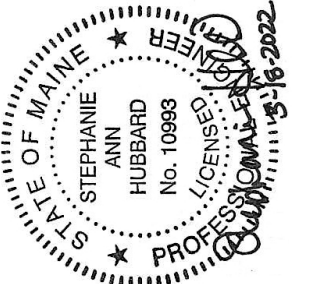
209+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2477300

WIN
24773.00

HIGHWAY PLANS



DESIGN-DETAILED	T. WOLFFEL	2/2022
CHECKED-REVIEWED	S. HUBBARD	2/2022
DESIGN-DETAILED		
DESIGNS-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

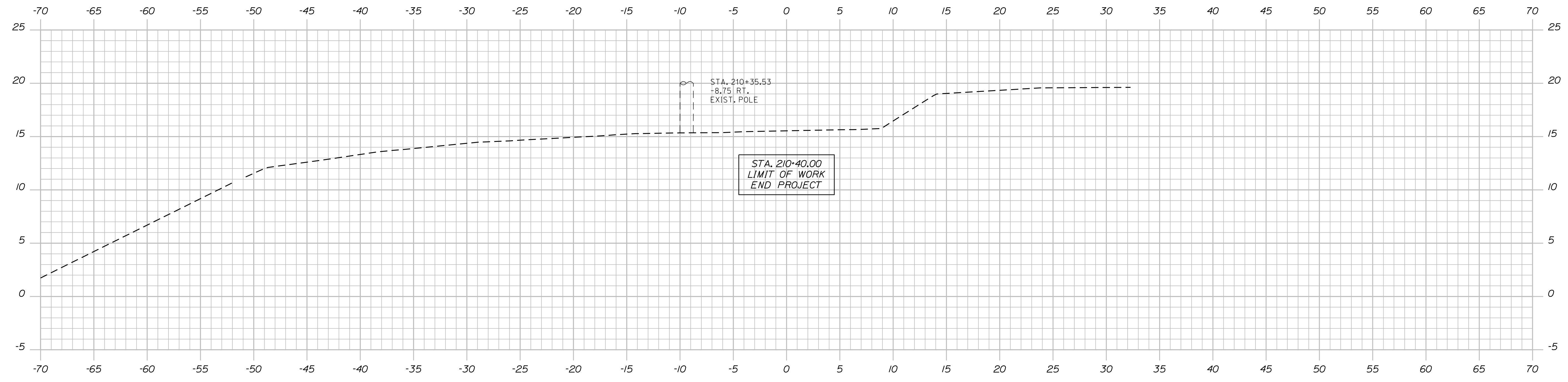
PROJ. MANAGER	A. GORNEAU II	DATE	
BY	I. WOLFFEL	SIGNATURE	
	P. DUVAL	P.E. NUMBER	
		DATE	

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER

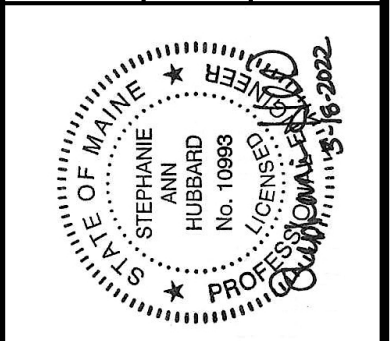
17

OF 19



210+40.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2477300
WIN
24773.00
HIGHWAY PLANS



SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	A. GORNEAU II	BY	DATE
DESIGN-DETAILED	T. WOLFFEL	I. WOLFFEL	2/2022
CHECKED-REVIEWED	S. HUBBARD	P. DUVAL	2/2022
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BREWER
BREWER RIVERWALK
CROSS SECTIONS

SHEET NUMBER
18
OF 19

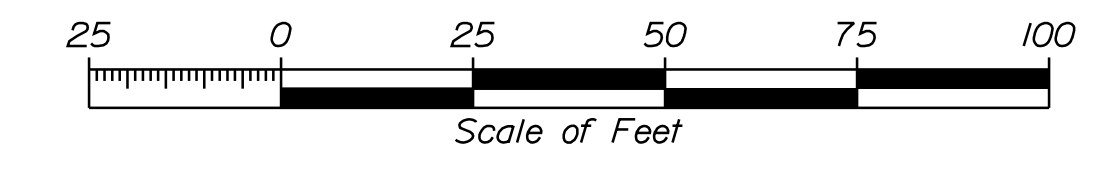
Town, County, State _____
 Approx. Property Lines _____ P.L.
 Existing Right of Way _____
 Limits of Wrought Portion _____ L.O.W.P.
 Control Of Access _____ C.O.A.
 New Right of Way _____
 New Easement _____
 New Temporary Rights _____
 New R/W Within Existing R/W _____

New R/W Along Existing R/W _____
 Building _____
 Trees Conifer _____
 Tree Line _____
 Water Edge _____
 Ledge _____
 Fence CHAIN LINK _____
 Sign _____
 Clearing Limit Line _____
 Bush Line _____
 Rock/Boulder _____
 Barb Wire _____
 Well _____
 Mailbox _____
 Sanitary Sewer _____
 Telephone Line _____
 Electric Line _____
 Water Line _____
 Underdrain Line _____
 Gas Line _____
 Guardrail _____
 Culvert _____

PLAN LEGEND
 Existing _____ Proposed _____
 Traveled Way _____
 Ditch _____
 Catch Basin _____
 Manhole _____
 Sewer Manhole _____
 Utility Pole _____
 Fire Hydrant _____
 Curbing _____

Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____ IRF
 Replacement Pin Set _____
 Fill Line _____
 Retaining Wall _____
 Traverse Point _____
 Pipe Found _____ IPF

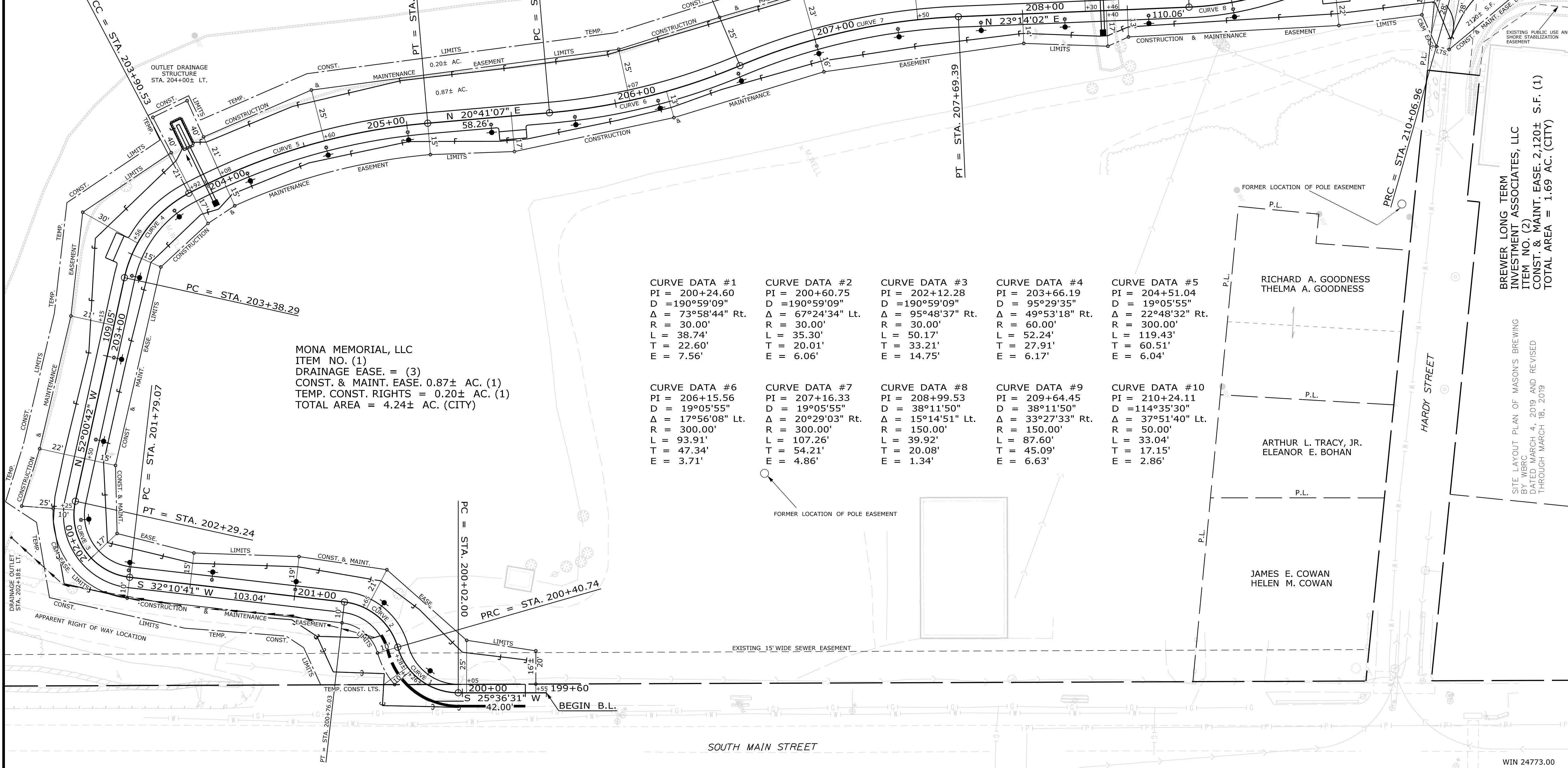
THIS PLAN WAS PREPARED IN CONNECTION WITH THE CITY'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ADJACENT PROPERTY OWNERS.



STATE OF MAINE
 REGISTRY OF DEEDS
 COUNTY _____
 RECEIVED _____
 at _____ h _____ m _____ M and
 recorded in Plan Bk _____, Pg. _____
 Attest: _____ REGISTER

SURVEY PLAN OF THE LOUIS ROLNICK PROPERTY FOR: FORREST H. GRANT BY: PLISGA & DAY LAND SURVEYORS DATED DECEMBER 6, 1983
 PLAN OF SEWAGE WORKS IMPROVEMENTS CONTRACT NO. 1 SOUTH MAIN STREET STA. 60+63 TO STA. 72+80 F.M. BY CAMP, DRESSER & MCKEE DATED DEC. 1970 P.C.R.D. FILE NO. 110

PLAN OF SEWER SYSTEM IMPROVEMENTS BURR, SOUTH MAIN, AND HARDY STREETS SANITARY SEWER PLANS AND PROFILES BY OLVER ASSOCIATES INC. DATED JUNE, 2007 ON FILE AT BREWER PUBLIC WORKS
 PLAN OF SEWAGE WORKS IMPROVEMENTS CONTRACT NO. 1 SOUTH MAIN STREET STA. 72+80 TO STA. 80+75 F.M. BY CAMP, DRESSER & MCKEE DATED DEC. 1970 P.C.R.D. FILE NO. 111



CURVE DATA #1 PI = 200+24.60 D = 190°59'09" Δ = 73°58'44" Rt. R = 30.00' L = 38.74' T = 22.60' E = 7.56'	CURVE DATA #2 PI = 200+60.75 D = 190°59'09" Δ = 67°24'34" Lt. R = 30.00' L = 35.30' T = 20.01' E = 6.06'	CURVE DATA #3 PI = 202+12.28 D = 190°59'09" Δ = 95°48'37" Rt. R = 30.00' L = 50.17' T = 33.21' E = 14.75'	CURVE DATA #4 PI = 203+66.19 D = 95°29'35" Δ = 49°53'18" Rt. R = 60.00' L = 87.60' T = 27.91' E = 6.17'	CURVE DATA #5 PI = 204+51.04 D = 19°05'55" Δ = 22°48'32" Rt. R = 300.00' L = 119.43' T = 60.51' E = 6.04'
CURVE DATA #6 PI = 206+15.56 D = 19°05'55" Δ = 17°56'08" Lt. R = 300.00' L = 93.91' T = 47.34' E = 3.71'	CURVE DATA #7 PI = 207+16.33 D = 19°05'55" Δ = 20°29'03" Rt. R = 300.00' L = 107.26' T = 54.21' E = 4.86'	CURVE DATA #8 PI = 208+99.53 D = 38°11'50" Δ = 15°14'51" Lt. R = 150.00' L = 39.92' T = 20.08' E = 1.34'	CURVE DATA #9 PI = 209+64.45 D = 38°11'50" Δ = 33°27'33" Rt. R = 150.00' L = 87.60' T = 45.09' E = 6.63'	CURVE DATA #10 PI = 210+24.11 D = 114°35'30" Δ = 37°51'40" Lt. R = 500.00' L = 33.04' T = 17.15' E = 2.86'

MONA MEMORIAL, LLC
 ITEM NO. (1)
 DRAINAGE EASE. = (3)
 CONST. & MAINT. EASE. 0.87± AC. (1)
 TEMP. CONST. RIGHTS = 0.20± AC. (1)
 TOTAL AREA = 4.24± AC. (CITY)

BREWER LONG TERM INVESTMENT ASSOCIATES, LLC
 ITEM NO. (2)
 CONST. & MAINT. EASE. 2,120± S.F. (1)
 TOTAL AREA = 1.69 AC. (CITY)

SITE LAYOUT PLAN OF MASON'S BREWING BY WBRC DATED MARCH 4, 2019 AND REVISED THROUGH MARCH 18, 2019

TITCOMB ASSOCIATES
 A Division of Sebago Technics
 133 Gray Road, Falmouth, ME 04105
 Tel. 207-797-9399 WWW.TITCOMBSURVEY.COM

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN		NSE
FINAL RIGHT OF WAY		NSE
AREAS		NSE

CITY OF BREWER
 80 NORTH MAIN STREET - BREWER, ME 04412 - (207) 989-7500
 BREWER, MAINE
 RIGHT OF WAY MAP

NO.	DATE	REVISIONS DESCRIPTION	BY

PLAN FILED IN PLAN BOOK		PAGE		COUNTY RECORD	
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

STATE OF MAINE
 NICHOLAS S. ELLISTON
 2518
 PROFESSIONAL LAND SURVEYOR

BREWER RIVERWALK
 PHASE III
 BREWER PENOBSCOT COUNTY
 FEDERAL AID PROJECT NO. 2477300
 JULY 2021
 SCALE 1" = 25'

SHEET NUMBER
19
 OF 19

Date: 3/16/2022

Username: NELLISTON

Division: SURVEY

Filename: ...Microstation\001_RWP\Plan1.dgn