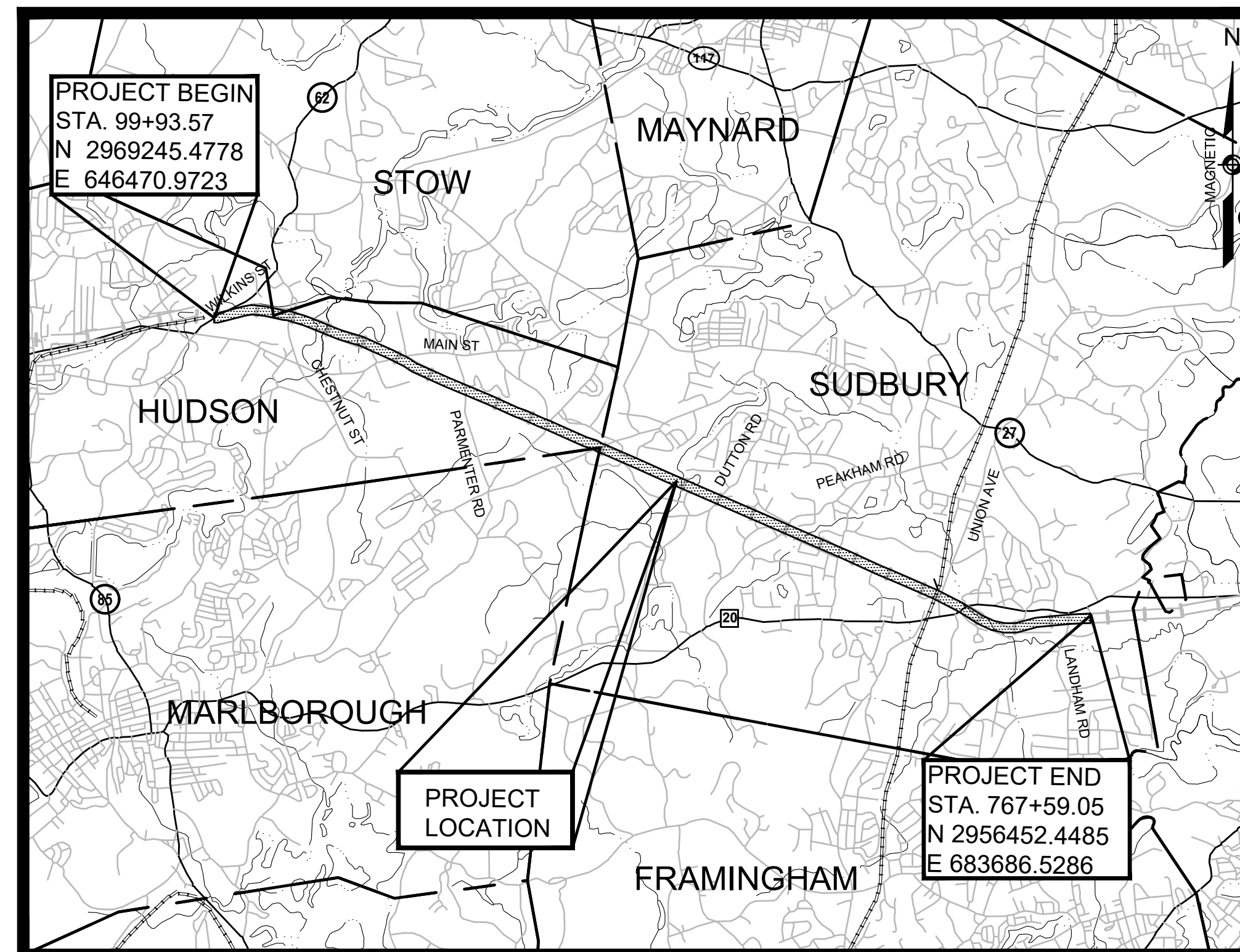


EVERSOURCE

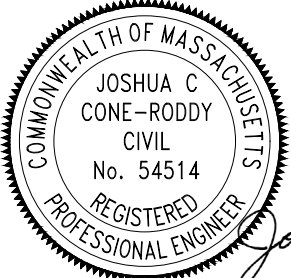
SUDBURY-HUDSON


TRANSMISSION RELIABILITY PROJECT

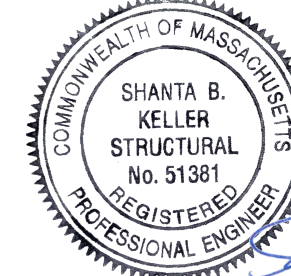
INDEX	
SHEET NO.	DESCRIPTION
1	TITLE SHEET & INDEX
2	LEGEND & ABBREVIATIONS
3-6	KEY PLAN
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75-95	PROFILE
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126-151	TEMPORARY TRAFFIC CONTROL PLANS
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167-168	WETLAND REPLICATION
169-201	BRIDGE PLANS
202-349	CROSS SECTIONS

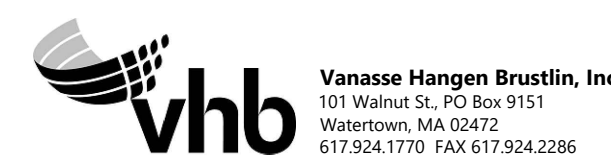


REFERENCE MANUALS
THESE PLANS ARE SUPPLEMENTED BY THE OCTOBER 2017 CONSTRUCTION STANDARD DETAILS, THE 2015 OVERHEAD SIGNAL STRUCTURE AND FOUNDATION STANDARD DRAWINGS, MASSDOT TRAFFIC MANAGEMENT PLANS AND DETAIL DRAWINGS, THE 1990 STANDARD DRAWINGS FOR SIGNS AND SUPPORTS, THE 1968 STANDARD DRAWINGS FOR TRAFFIC SIGNALS AND HIGHWAY LIGHTING, AND THE LATEST EDITION OF THE AMERICAN STANDARD FOR NURSERY STOCK.

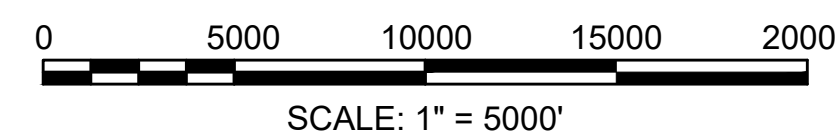

 JOSHUA C. CONE-RODDY
 CIVIL
 No. 54514
 REGISTERED PROFESSIONAL ENGINEER
Joshua Cone-Roddy 12-20-2021
 ENGINEER DATE


 MARK A. COSTA
 CIVIL
 No. 49941
 REGISTERED PROFESSIONAL ENGINEER
Mark Costa 12/21/2021
 ENGINEER SHEETS 167-168 DATE


 SHANTA B. KELLER
 STRUCTURAL
 No. 51381
 REGISTERED PROFESSIONAL ENGINEER
Shanta B. Keller 12/20/21
 ENGINEER SHEETS 164-166, 169-201 DATE



VANASSE HANGEN BRUSTLIN, INC.
WATERTOWN, MASSACHUSETTS



REVISION				
N.O.	DESCRIPTION	BY	DATE	APPR.
1	HISTORIC FEATURE DISPOSITIONS		02/03/2022	

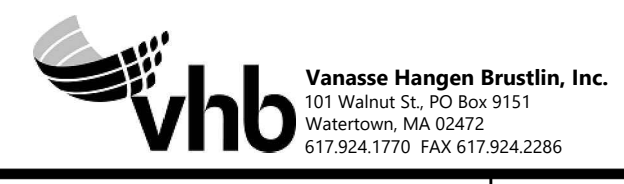
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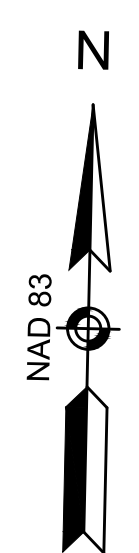
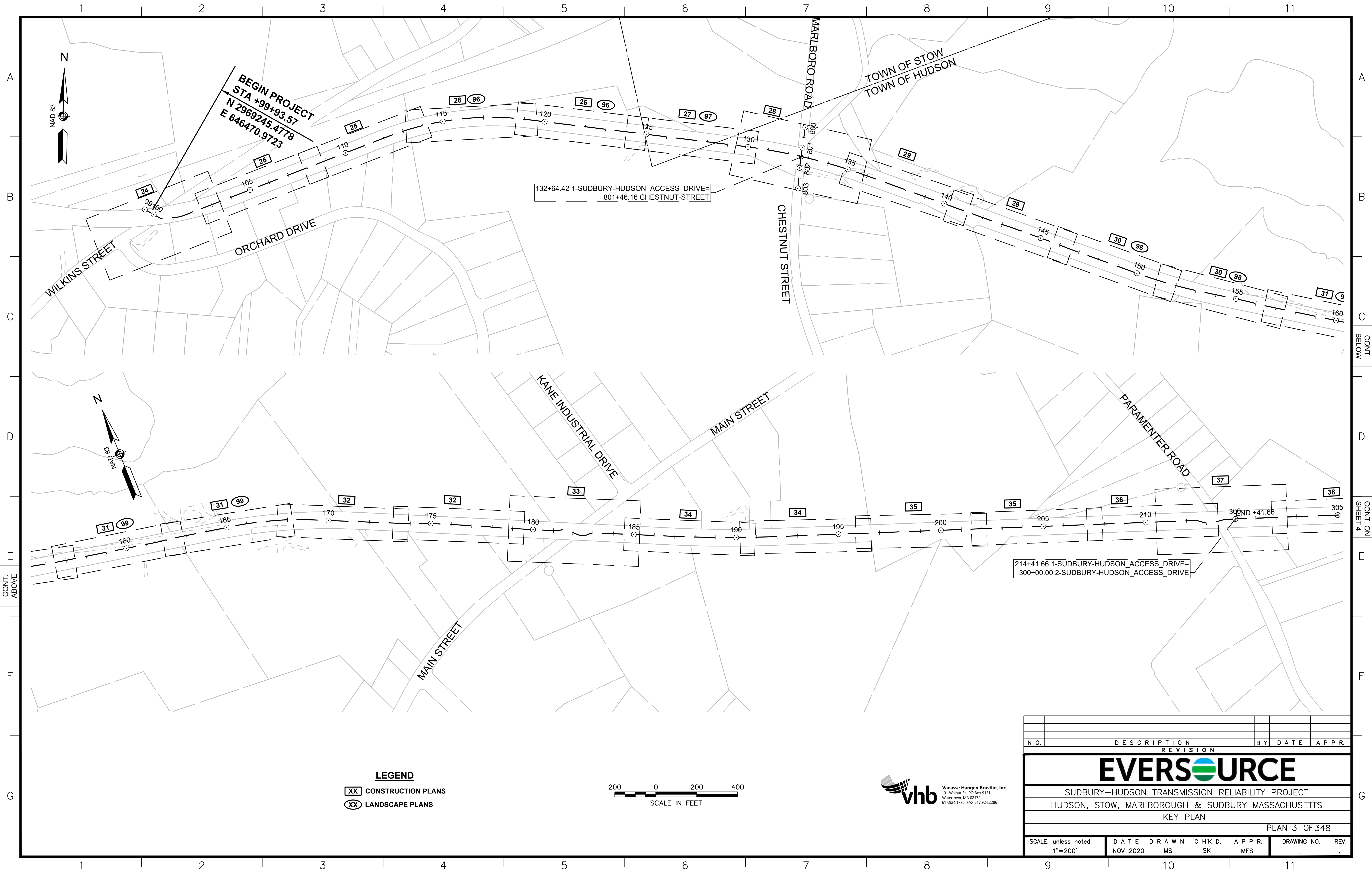
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
TITLE SHEET & INDEX
PLAN 1 OF 349

SCALE: unless noted 1"=5000'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MS	DRAWING NO. 1	REV. .
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GENERAL SYMBOLS		GENERAL SYMBOLS (cont.)		PAVEMENT MARKINGS SYMBOLS		GENERAL NOTES:	
EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED	EXISTING	PROPOSED
						1.	THE PROPERTY LINES SHOWN ON THIS PLAN OF THE PARCELS AT 44 FOREST AVENUE IN HUDSON, 163 BOSTON POST ROAD IN SUDBURY AND THE FORMER RAILROAD RIGHT-OF-WAY ARE BASED UPON AN ACTUAL FIELD SURVEY CONDUCTED BY VHB, INC. IN 2015 AND FROM DEEDS AND PLANS OF RECORD.
						2.	THE EXISTING CONDITIONS SHOWN ON THIS PLAN WERE DEVELOPED FROM A COMBINED EFFORT OF AERIAL PHOTOGRAMMETRIC MAPPING BY EASTERN TOPOGRAPHICS, INC., BASED ON AERIAL PHOTOGRAPHS TAKEN ON FEBRUARY 22, 2013, AND AUGMENTED BY AN ON-THE-GROUND SURVEY PERFORMED BY VHB DURING 2015 AND 2017.
						3.	THE HORIZONTAL CONTROL IS BASED ON THE MASSACHUSETTS MAINLAND STATE PLANE COORDINATE SYSTEM AND THE NATIONAL GEODETIC SURVEY (NAD83). ALL ELEVATION IS US FEET, REFERENCED TO THE NORTH AMERICA VERTICAL DATUM OF 1988 (NAVD88).
						4.	THE CONTRACTOR SHALL VERIFY ALL EXISTING DIMENSIONS AND GRADES IN THE FIELD BEFORE COMMENCING WORK AND PROMPTLY NOTIFY THE ENGINEER OF ANY DISCREPANCIES.
						5.	THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ON THIS PLAN ARE BASED ON FIELD OBSERVATIONS AND INFORMATION OF RECORD. THEY HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL DETERMINE THE EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND SHALL BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
						6.	THE DELINEATED WETLANDS SHOWN ON THIS PLAN WERE FLAGGED BY THE VHB ENVIRONMENTAL DEPARTMENT AND FIELD SURVEYED BY THE VHB SURVEY DEPARTMENT IN SEPTEMBER AND OCTOBER 2017 AND WERE UPDATED IN MAY 2018 (SUDBURY ONLY).
						7.	THE APPROXIMATE WETLANDS AND STREAMS, AND THEIR ASSOCIATED BUFFERS AND RIVERFRONT AREAS, WHERE APPLICABLE, WERE TAKEN FROM AVAILABLE MASSGIS DATA. THESE WERE NOT FIELD DELINEATED OR FIELD VERIFIED.
						8.	THE CONTRACTOR SHALL VERIFY BY TEST PIT, THE LOCATIONS OF EXISTING UTILITIES THAT MAY CONFLICT WITH PROPOSED TRANSMISSION LINE. ANY FIELD ADJUSTMENTS WILL BE MADE AS APPROVED OR DIRECTED BY THE ENGINEER.
						9.	WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE UTILITY SHALL BE ACCURATELY DETERMINED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION FURNISHED TO THE ENGINEER FOR RESOLUTION OF THE CONFLICT.
						10.	THE CONTRACTOR SHALL ALTER THE MASONRY OF THE TOP SECTION OF ALL EXISTING DRAINAGE AND SEWER STRUCTURES AS NECESSARY FOR CHANGES IN GRADE, AND RESET ALL WATER AND DRAINAGE FRAMES, GRATES AND BOXES TO THE PROPOSED FINISH SURFACE GRADE. REQUIRED NEW MASONRY SHALL BE CLAY BRICK.
						11.	THE CONTRACTOR SHALL MAKE ALL ARRANGEMENTS FOR THE ALTERATION AND ADJUSTMENT OF GAS, ELECTRIC, TELEPHONE AND ANY OTHER PRIVATE UTILITIES BY THE UTILITY COMPANIES.
						12.	EXISTING UTILITY POLES WILL BE RELOCATED BY OTHERS IF REQUIRED.
						13.	TREES AND SHRUBS WITHIN THE LIMITS OF GRADING SHALL BE REMOVED ONLY UPON APPROVAL OF THE ENGINEER.
						14.	AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT NO EXPENSE TO THE OWNER.
						15.	THE TERM "PROPOSED" (PROP) MEANS WORK TO BE CONSTRUCTED USING NEW MATERIALS OR, WHERE APPLICABLE, RE-USING EXISTING MATERIALS IDENTIFIED AS "REMOVE AND RESET" (R&R).
						16.	ALL PROP LOAM AND SEED CALLED OUT ON THE CONSTRUCTION PLANS TO ADHERE TO PLANTING SCHEDULE A PROVIDED ON DETAIL SHEET 161 UNLESS NOTED OTHERWISE.
						17.	JOINTS BETWEEN NEW ASPHALT CONCRETE ROADWAY PAVEMENT AND SAWCUT EXISTING PAVEMENT SHALL BE SEALED WITH BITUMEN AND BACKSANDS.
						18.	EXISTING SIGNS WITHIN THE PROJECT LIMITS SHALL BE RETAINED UNLESS INDICATED OTHERWISE ON THE DRAWINGS.
						19.	IF SUITABLE, ALL EXISTING GRANITE CURB & EDGING SHALL BE RE-USED IN THE PROPOSED WORK, EXCEPT CURVED STONES OF A DIFFERENT RADIUS THAN PROPOSED CURB.
						20.	ALL PROPOSED HOT MIX ASPHALT CURB SHALL BE MASSDOT TYPE 2.
						21.	ALL EXISTING STATE, COUNTY, CITY, AND TOWN LOCATION LINES AND PRIVATE PROPERTY LINES HAVE BEEN ESTABLISHED FROM AVAILABLE INFORMATION AND THEIR EXACT LOCATIONS ARE NOT GUARANTEED.
						22.	ALL PROPOSED BOUNDS SHALL BE PLACED BY A LICENSED PROFESSIONAL SURVEYOR. THE CONTRACTOR SHALL EXERCISE DUE CARE WHEN WORKING AROUND ALL PROPERTY BOUNDS WHICH ARE TO REMAIN. SHOULD ANY DAMAGE TO A BOUND RESULT FROM THE ACTIONS OF THE CONTRACTOR, THE CONTRACTOR SHALL HAVE THE BOUND REPLACED AND/OR REALIGNED BY A LICENSED PROFESSIONAL SURVEYOR AS DIRECTED BY THE ENGINEER AT NO ADDITIONAL COST.
						23.	DISPOSAL OF ALL SURPLUS MATERIAL SHALL BE AS APPROVED BY THE ENGINEER AND OWNER AND IN ACCORDANCE WITH ALL PERMITS AND LAWS REGULATING SOIL DISPOSAL.
						24.	LATERAL DRAIN PIPES SHALL BE INSTALLED WITH A PITCH OF 0.01 FOOT PER FOOT (MINIMUM) UNLESS NOTED OTHERWISE ON THE PLANS.
						25.	WHERE DEWATERING IS REQUIRED, CONTRACTOR SHALL TREAT WATER WITH DEWATERING BASIN OR DEWATERING FILTER BAGS BASED ON INPUT FROM LOCAL CONSERVATION COMMISSIONS.
						26.	SYNCPATED SILT FENCE TO BE USED AS AN EROSION CONTROL BARRIER WITHIN 450' OF VERNAL POOLS AND PRIORITY HABITAT AREAS.
						27.	THE LOCATIONS OF ALL EROSION CONTROL BARRIER SHALL BE ESTABLISHED BY SURVEY-GRADE EQUIPMENT AND ARE SUBJECT TO CHANGE BASED ON FIELD CONDITIONS.
						28.	ALL HISTORIC RAILROAD FEATURES LOCATED WITHIN THE LIMIT OF WORK AND OUTSIDE THE LIMITS OF THE 14' GRAVEL SUB-BASE SHALL BE RETAINED AND PROTECTED UNLESS OTHERWISE NOTED. CONSTRUCTION FENCING AND SIGNAGE SHALL BE INSTALLED AROUND THE FEATURE IN CONSULTATION WITH THE CULTURAL RESOURCES CONSULTANT. 24 HOURS ADVANCED NOTICE SHALL BE GIVEN TO THE CULTURAL RESOURCES CONSULTANT BEFORE ANY CONSTRUCTION WITHIN THE IMMEDIATE VICINITY OF THE FEATURE OCCURS. IF IT IS NOT POSSIBLE TO RETAIN THE FEATURE, IT SHALL BE CAREFULLY REMOVED AND RESET AS CLOSE AS POSSIBLE TO THE ORIGINAL LOCATION. THE REMOVAL AND RESETTING OF ANY HISTORIC RAILROAD FEATURE SHALL ONLY BE DONE WITH CONSULTATION OF THE CULTURAL RESOURCES CONSULTANT.

1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
LEGEND, ABBREVIATIONS, & GENERAL NOTES					
PLAN 2 OF 349					
SCALE: unless noted	D A T E	D R A W N	C H K'D.	A P P R.	D R A W I N G N O. REV.
NTS	DEC 2021	MS	SK	MS	





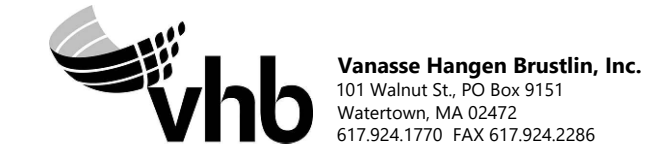
BEGIN PROJECT
 STA +99+93.57
 N 2969245.4778
 E 646470.9723

132+64.42 1-SUDBURY-HUDSON_ACCESS_DRIVE=
 801+46.16 CHESTNUT-STREET

214+41.66 1-SUDBURY-HUDSON_ACCESS_DRIVE=
 300+00.00 2-SUDBURY-HUDSON_ACCESS_DRIVE

LEGEND

- XX CONSTRUCTION PLANS
- XX LANDSCAPE PLANS



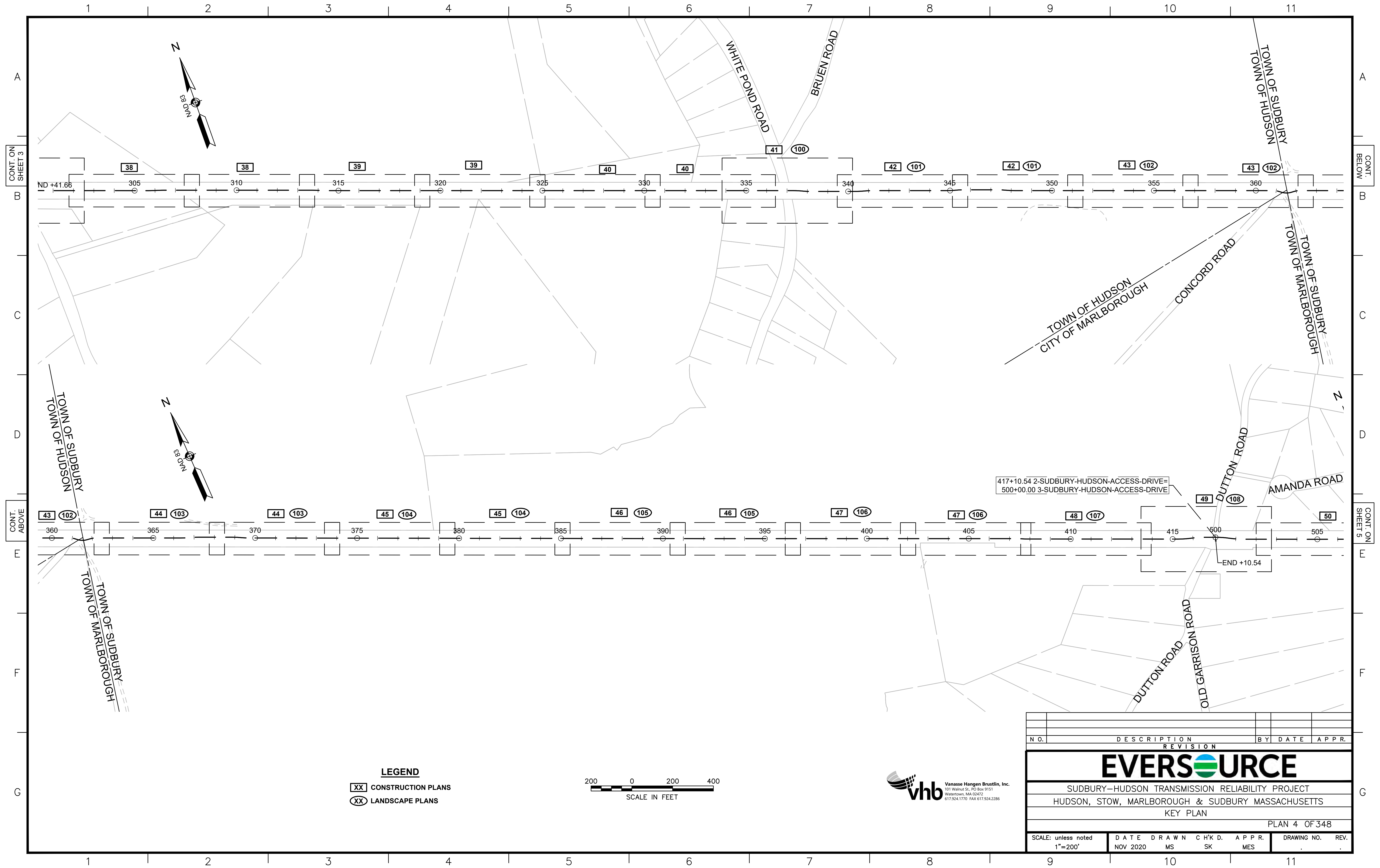
NO.	DESCRIPTION	BY	DATE	APPR.
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
KEY PLAN				
PLAN 3 OF 348				
SCALE: unless noted 1"=200'	DATE NOV 2020	DRAWN MS	C'H'K D. SK	A.P.P.R. MES
DRAWING NO.	REV.			

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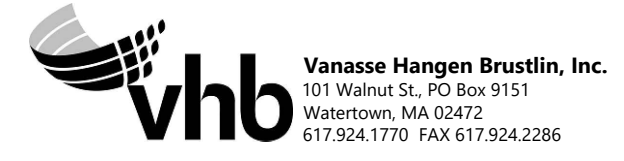
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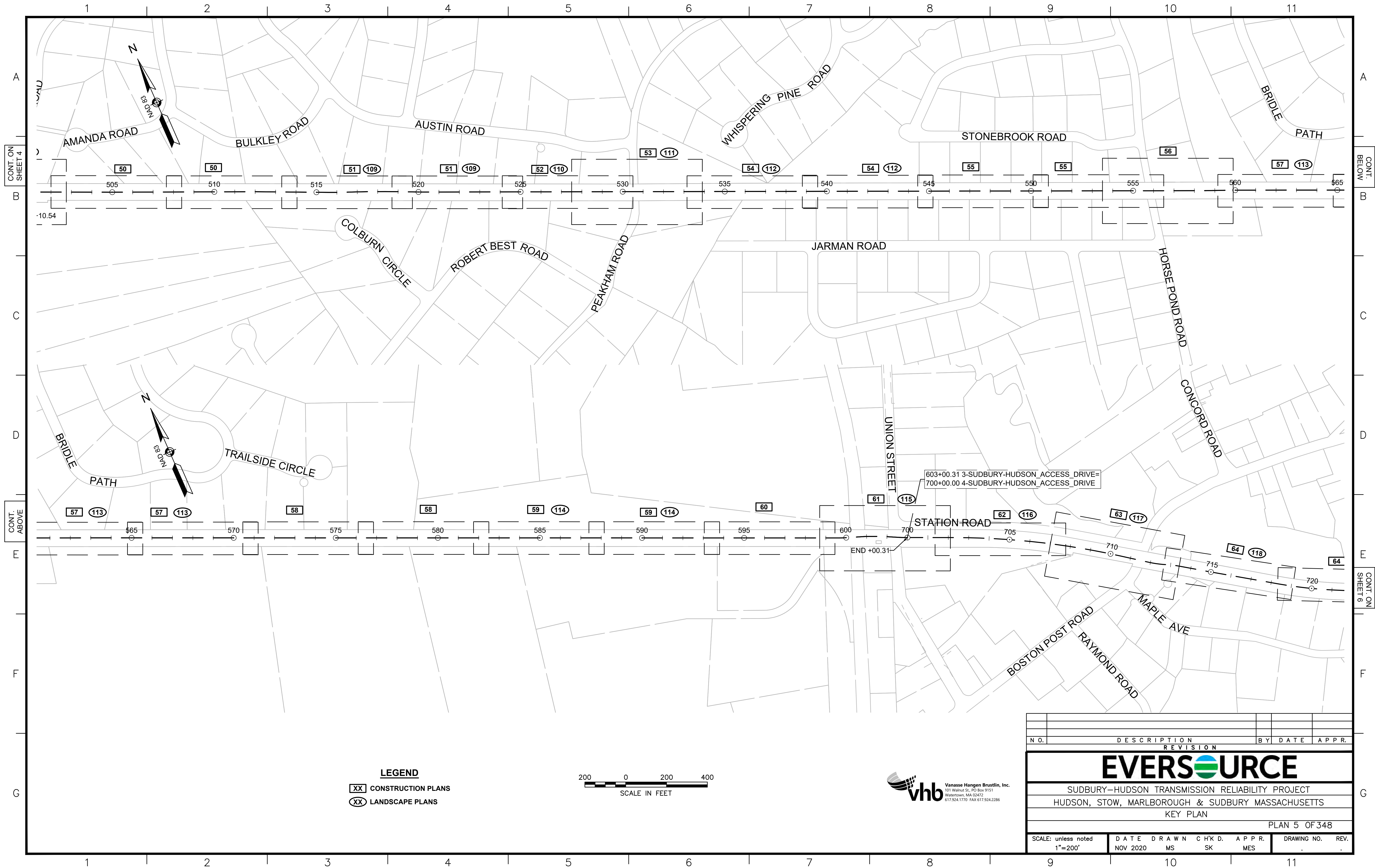


LEGEND

- XX CONSTRUCTION PLANS
- XX LANDSCAPE PLANS

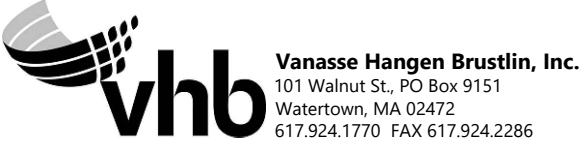


N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
KEY PLAN				
PLAN 4 OF 348				
SCALE: unless noted 1"=200'	DATE NOV 2020	DRAWN MS	C'H'K D. SK	A P P R. MES
DRAWING NO.	REV.			



LEGEND

- XX CONSTRUCTION PLANS
- XX LANDSCAPE PLANS



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
KEY PLAN				
PLAN 5 OF 348				
SCALE: unless noted 1"=200'	DATE NOV 2020	DRAWN MS	C'H'K D. SK	APPR. MES
DRAWING NO.	REV.			

1 2 3 4 5 6 7 8 9 10 11

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C
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END PROJECT
STA 767+59.05
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E 683686.5286

CONT. ON SHEET 5

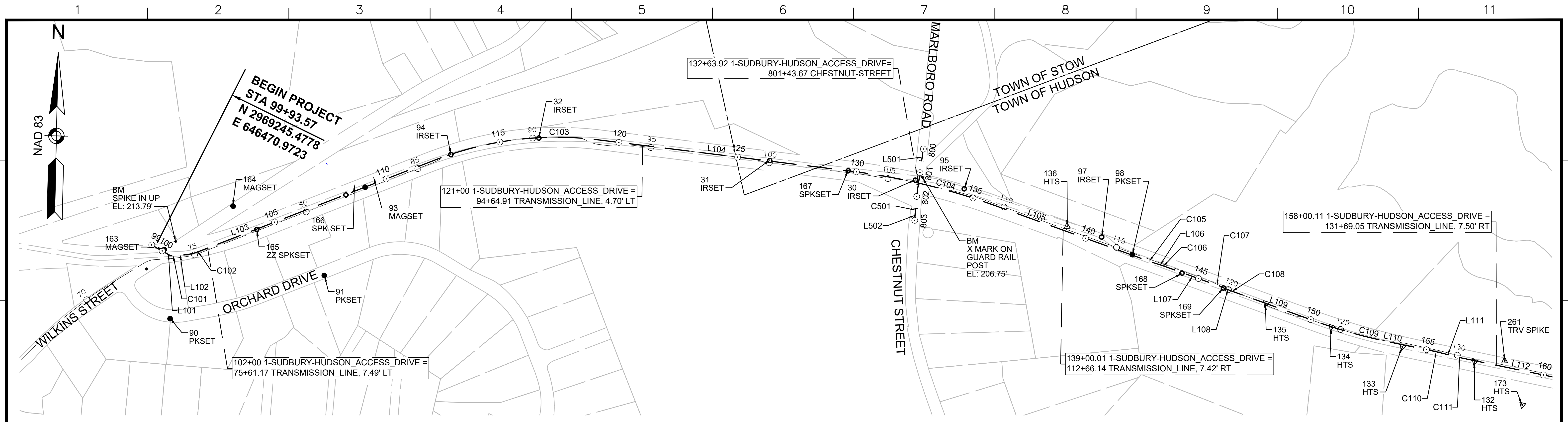
LEGEND

- XX CONSTRUCTION PLANS
- XX LANDSCAPE PLANS



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
KEY PLAN				
PLAN 6 OF 348				
SCALE: unless noted 1"=200'	DATE NOV 2020	DRAWN MS	C'H'K D. SK	A P P R. MES
DRAWING NO.	REV.			11

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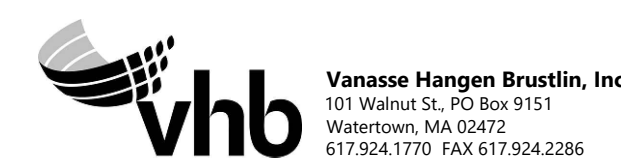
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1-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L101	99+50.00	2969274.969	646438.132		S57°19'07"E 81.72'	100+31.72	2969230.845	646506.912
C101	100+31.72	2969230.845	646506.912	R=40.00' Δ=35°52'18" L=25.04' T=12.95'		100+56.76	2969224.574	646530.737
L102	100+56.76	2969224.574	646530.737		N86°48'34"E 48.81'	101+05.57	2969227.291	646579.472
C102	101+05.57	2969227.291	646579.472	R=200.00' Δ=15°02'47" L=52.52' T=26.41'		101+58.09	2969237.027	646630.930
L103	101+58.09	2969237.027	646630.930		N71°45'47"E 1063.15'	112+21.25	2969569.737	647640.682
C103	112+21.25	2969569.737	647640.682	R=1400.00' Δ=28°11'56" L=689.03' T=351.64'		119+10.28	2969618.950	648321.003
L104	119+10.28	2969618.950	648321.003		S80°02'16"E 1065.88'	129+76.16	2969434.556	649370.812
C104	129+76.16	2969434.556	649370.812	R=2800.00' Δ=12°47'24" L=625.04' T=313.83'		136+01.20	2969258.894	649969.313
L105	136+01.20	2969258.894	649969.313		S67°14'52"E 680.66'	142+81.86	2968995.652	650597.005
C105	142+81.86	2968995.652	650597.005	R=500.00' Δ=2°17'26" L=19.99' T=10.00'		143+01.85	2968988.291	650615.589
L106	143+01.85	2968988.291	650615.589		S69°32'18"E 30.05'	143+31.90	2968977.787	650643.741
C106	143+31.90	2968977.787	650643.741	R=500.00' Δ=2°17'26" L=19.99' T=10.00'		143+51.89	2968970.427	650662.324
L107	143+51.89	2968970.427	650662.324		S67°14'52"E 230.01'	145+81.89	2968881.472	650874.434
C107	145+81.89	2968881.472	650874.434	R=500.00' Δ=2°17'26" L=19.99' T=10.00'		146+01.88	2968873.375	650892.709
L108	146+01.88	2968873.375	650892.709		S64°57'26"E 30.05'	146+31.93	2968860.656	650919.932
C108	146+31.93	2968860.656	650919.932	R=500.00' Δ=2°17'26" L=19.99' T=10.00'		146+51.92	2968852.559	650938.207
L109	146+51.92	2968852.559	650938.207		S67°14'52"E 358.25'	150+10.17	2968714.005	651268.583
C109	150+10.17	2968714.005	651268.583	R=2300.00' Δ=8°06'43" L=325.63' T=163.09'		153+35.80	2968609.711	651576.773
L110	153+35.80	2968609.711	651576.773		S75°21'35"E 196.11'	155+31.91	2968560.145	651766.511
C110	155+31.91	2968560.145	651766.511	R=500.00' Δ=2°17'05" L=19.94' T=9.97'		155+51.85	2968554.722	651785.695
L111	155+51.85	2968554.722	651785.695		S73°04'30"E 80.40'	156+32.25	2968531.316	651862.614
C111	156+32.25	2968531.316	651862.614	R=500.00' Δ=2°17'05" L=19.94' T=9.97'		156+52.19	2968525.894	651881.798
L112	156+52.19	2968525.894	651881.798		S75°21'35"E 494.94'	161+47.12	2968400.798	652360.665

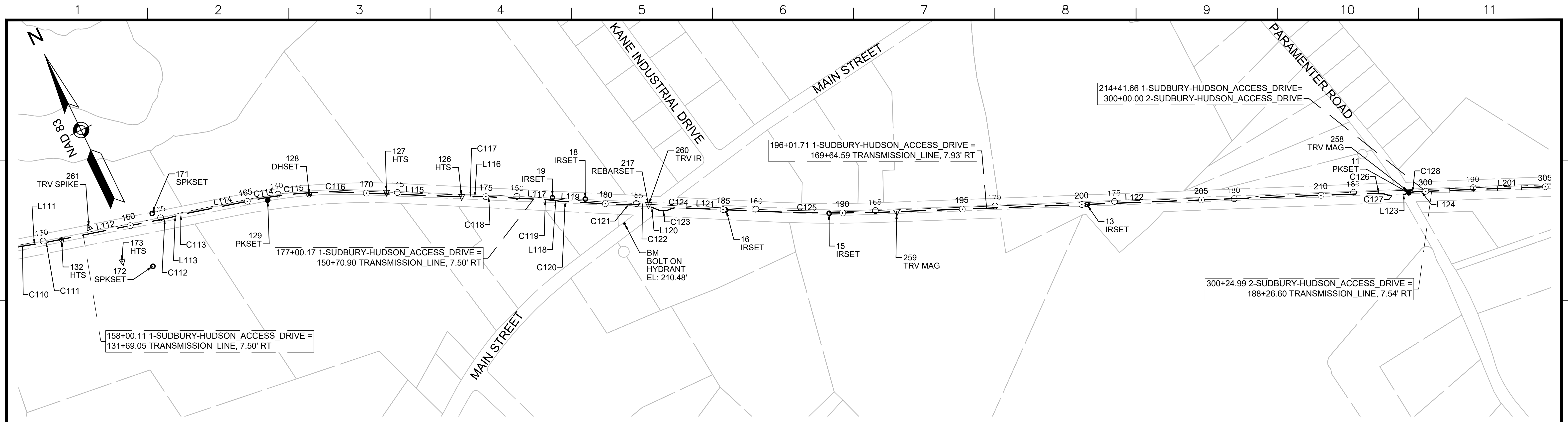
CHESTNUT-STREET CONSTRUCTION BASELINE DATA								
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L501	800+00.00	2969511.351	649678.545		S10°58'48"W 181.91'	801+81.91	2969332.767	649643.897
C501	801+81.91	2969332.767	649643.897	R=1000.00' Δ=4°22'21" L=76.32' T=38.18'		802+58.23	2969257.368	649632.233
L502	802+58.23	2969257.368	649632.233		S6°36'27"W 41.77'	803+00.00	2969215.874	649627.426

BENCHMARK TABLE				
NORTHING	EASTING	ELEV	DESCRIPTION	
2969284.465	646538.668	213.79	SPIKE IN UP	
2969393.797	649668.675	206.75	X MARK ON GUARD RAIL	

SURVEY TRAVERSE TABLE						
POINT #	NORTHING	EASTING	ELEV	RAW DESCRIPTION	STATION CONSTR @	OFFSET CONSTR @
30	2969383.123	649638.659	207.19	IRSET	132+48.42	8.95 LT
31	2969495.867	649035.098	201.05	IRSET	126+34.90	2.31 LT
32	2969638.584	648076.375	210.48	IRSET	116+64.42	1.47 RT
90	2968963.680	646499.149	216.98	PKSET	100+50.64	262.26 RT
91	2969111.213	647151.661	215.67	PKSET	106+13.29	282.46 RT
93	2969470.486	647340.975	217.16	MAGSET	109+05.53	0.47 RT
94	2969587.905	647705.522	213.86	IRSET	112+88.61	1.42 RT
95	2969336.631	649840.683	190.48	IRSET	134+53.81	25.86 LT
97	2969106.552	650404.209	184.67	IRSET	140+61.17	27.71 LT
98	2969026.596	650528.120	186.44	PKSET	142+06.37	1.89 LT
132	2968507.785	651933.720	182.93	HTS	157+07.00	4.40 RT
133	2968584.874	651635.344	182.80	HTS	153+98.75	9.23 RT
134	2968682.452	651343.328	181.85	HTS	150+91.27	1.62 RT
135	2968795.126	651074.622	182.33	HTS	147+99.93	0.21 RT
136	2969158.609	650262.853	186.14	HTS	139+10.69	21.04 LT
138	2968498.335	646029.886	221.73	MAGSET	100+25.74	874.12 RT
163	2969252.795	646488.992	212.74	MAGSET	100+04.78	8.80 LT
164	2969419.359	646785.783	210.55	MAGSET	103+62.23	124.71 LT
165	2969317.327	646879.836	222.40	ZZ SPKSET	104+19.63	1.63 RT
166	2969442.345	647259.123	218.01	SPKSET	108+18.99	1.59 RT
167	2969436.517	649360.132	197.07	SPKSET	129+65.30	0.08 LT
168	2968939.346	650731.741	182.59	SPKSET	144+27.92	1.82 RT
169	2968868.325	650900.999	182.20	SPKSET	146+11.53	1.07 RT
172	2968243.951	652229.807	182.24	SPKSET	160+60.16	184.83 RT
173	2968317.552	652123.483	180.88	HTS	159+38.68	140.49 RT
261	2968504.964	652060.065	184.37	TRV SPIKE	158+29.95	24.81 LT



NO.		DESCRIPTION		BY	DATE	APPR.
REVISION						
EVERSOURCE						
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT						
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS						
SURVEY TIE-IN PLANS						
PLAN 7 OF 348						
SCALE: unless noted 1"=200'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO.	REV.
	FEB 2021	MS	SK	MES		



1-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C110	155+31.91	2968560.145	651786.511	R=500.00' Δ=2°17'05" L=19.94' T=9.97'		155+51.85	2968554.722	651785.695
L111	155+51.85	2968554.722	651785.695		S73°04'30"E 80.40'	156+32.25	2968531.316	651862.614
C111	156+32.25	2968531.316	651862.614	R=500.00' Δ=2°17'05" L=19.94' T=9.97'		156+52.19	2968525.894	651881.798
L112	156+52.19	2968525.894	651881.798		S75°21'35"E 494.94'	161+47.12	2968400.798	652360.665
C112	161+47.12	2968400.798	652360.665	R=500.00' Δ=4°34'26" L=39.91' T=19.97'		161+87.04	2968392.260	652399.645
L113	161+87.04	2968392.260	652399.645		S79°56'01"E 10.22'	161+97.26	2968381.936	652448.692
C113	161+97.26	2968381.936	652448.692	R=500.00' Δ=4°34'26" L=39.91' T=19.97'		162+37.18	2968381.936	652448.692
L114	162+37.18	2968381.936	652448.692		S75°21'35"E 325.80'	165+62.97	2968299.591	652763.911
C114	165+62.97	2968299.591	652763.911	R=500.00' Δ=2°17'07" L=19.94' T=9.97'		165+82.92	2968294.166	652783.101
C115	165+82.92	2968294.166	652783.101	R=2000.00' Δ=7°17'45" L=254.67' T=127.51'		168+37.59	2968204.731	653021.372
C116	168+37.59	2968204.731	653021.372	R=500.00' Δ=3°55'20" L=34.23' T=17.12'		168+71.82	2968189.631	653052.082
L115	168+71.82	2968189.631	653052.082		S61°51'22"E 529.98'	174+01.80	2967939.647	653519.398
C117	174+01.80	2967939.647	653519.398	R=500.00' Δ=3°54'19" L=34.08' T=17.05'		174+35.88	2967924.608	653549.974
L116	174+35.88	2967924.608	653549.974		S65°45'41"E 36.37'	174+72.25	2967909.677	653583.135
C118	174+72.25	2967909.677	653583.135	R=500.00' Δ=4°35'46" L=40.11' T=20.07'		175+12.35	2967891.763	653619.009
L117	175+12.35	2967891.763	653619.009		S61°09'55"E 234.86'	177+47.22	2967778.491	653824.754
C119	177+47.22	2967778.491	653824.754	R=500.00' Δ=4°34'29" L=39.92' T=19.97'		177+87.14	2967757.862	653858.921
L118	177+87.14	2967757.862	653858.921		S56°35'26"E 10.72'	177+97.86	2967751.962	653867.866
C120	177+97.86	2967751.962	653867.866	R=500.00' Δ=4°35'18" L=40.04' T=20.03'		178+37.90	2967731.276	653902.137
L119	178+37.90	2967731.276	653902.137		S61°10'44"E 255.16'	180+93.06	2967608.269	654125.690
C121	180+93.06	2967608.269	654125.690	R=200.00' Δ=13°48'39" L=48.21' T=24.22'		181+41.27	2967590.318	654170.307
C122	181+41.27	2967590.318	654170.307	R=50.00' Δ=33°35'20" L=29.31' T=15.09'		181+70.58	2967575.091	654194.862
L120	181+70.58	2967575.091	654194.862		S41°24'03"E 53.66'	182+24.24	2967534.839	654230.350

1-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C123	182+24.24	2967534.839	654230.350	R=60.00' Δ=47°56'15" L=50.20' T=26.67'		182+74.44	2967514.523	654274.663
C124	182+74.44	2967514.523	654274.663	R=80.00' Δ=27°43'21" L=38.71' T=19.74'		183+13.15	2967504.910	654311.769
L121	183+13.15	2967504.910	654311.769		S61°36'57"E 368.60'	186+81.74	2967329.686	654636.052
C125	186+81.74	2967329.686	654636.052	R=6500.00' Δ=4°41'05" L=531.46' T=265.88'		192+13.21	2967096.424	655113.425
L122	192+13.21	2967096.424	655113.425		S66°18'02"E 2021.93'	212+35.14	2966283.729	656964.841
C126	212+35.14	2966283.729	656964.841	R=100.00' Δ=22°30'52" L=39.30' T=19.90'		212+74.44	2966261.359	656996.840
C127	212+74.44	2966261.359	656996.840	R=100.00' Δ=35°52'08" L=62.60' T=32.37'		213+37.04	2966232.181	657051.075
L123	213+37.04	2966232.181	657051.075		S79°39'18"E 42.56"	213+79.60	2966224.538	657092.945
C128	213+79.60	2966224.538	657092.945	R=100.00' Δ=13°22'03" L=23.33' T=11.72'		214+02.93	2966217.721	657115.202
L124	214+02.93	2966217.721	657115.202		S66°17'15"E 38.73"	214+41.66	2966202.144	657150.666

2-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA

NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L201	300+00.00	2966202.144	657150.666		S66°17'15"E 569.94'	305+69.94	2965972.944	657672.488

SURVEY TRAVERSE TABLE

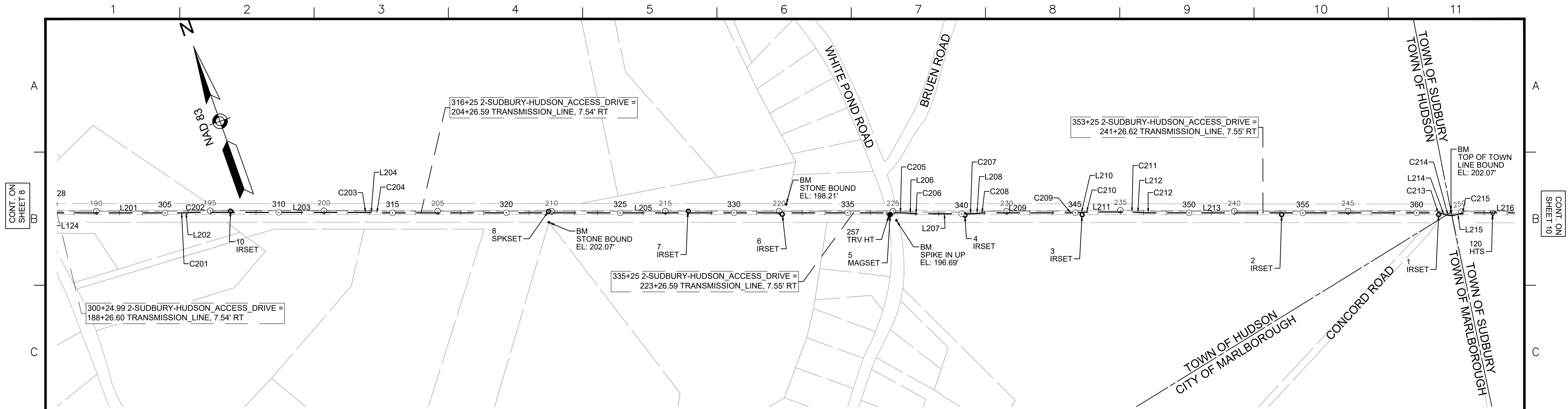
POINT #	NORTHING	EASTING	ELEV	RAW DESCRIPTION	STATION CONSTR	OFFSET CONSTR
11	2966228.778	657085.109	211.30	PKSET	213+69.42	8.35 RT
13	2966770.040	655853.843	210.87	IRSET	200+22.37	1.26 RT
15	2967208.662	654868.078	210.94	IRSET	189+43.42	1.44 RT
16	2967409.645	654485.745	208.26	IRSET	185+11.50	1.11 RT
18	2967707.243	653977.303	201.79	IRSET	179+15.34	15.18 LT
19	2967772.642	653856.653	200.61	IRSET	177+77.33	11.19 LT
126	2967942.886	653516.846	197.05	HTS	173+98.02	1.65 LT
127	2968096.028	653242.036	194.38	HTS	170+83.47	7.06 LT
128	2968227.438	652947.502	191.56	DHSET	167+60.58	8.12 RT
129	2968282.714	652781.651	190.10	PKSET	165+84.87	11.38 RT
132	2968507.785	651933.720	182.93	HTS	157+07.00	4.40 RT
171	2968443.448	652323.126	185.42	SPKSET	161+00.02	31.78 LT
172	2968243.951	652229.807	182.24	SPKSET	160+60.16	184.83 RT
173	2968317.552	652123.483	180.88	HTS	159+38.68	140.49 RT
217	2967571.162	654204.653	206.60	REBARSET	181+80.00	4.75 LT
258	2966231.436	657085.443	210.53	TRV MAG	213+69.97	5.73 RT
259	2967090.494	655124.057	211.25	TRV MAG	192+25.33	1.16 RT
260	2967571.196	654204.425	206.63	TRV IR	181+79.82	4.60 LT
261	2968504.964	652060.065	184.37	TRV SPIKE	158+29.95	24.81 LT

BENCHMARK TABLE

NORTHING	EASTING	ELEV	DESCRIPTION
2967543.215	654080.038	210.48	BOLT ON HYDRANT



NO.		DESCRIPTION	BY	DATE	APPR.
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
SURVEY TIE-IN PLANS					
PLAN 8 OF 348					
SCALE: unless noted 1"=200'	DATE FEB 2021	DRAWN MS	C.H.K.'D. SK	APPR. MES	DRAWING NO. REV.



2-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA							
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	EASTING
L201	300+00.00	2966202.144	657150.666		S66°17'15"E 569.94'	305+69.94	657672.488
C201	305+69.94	2965972.944	657672.488	R=500.00' L=20.25' Δ=2°19'14" T=10.13'		305+90.19	2965965.177
L202	305+90.19	2965965.177	657691.189		S68°36'29"E 31.19'	306+21.38	2965953.800
C202	306+21.38	2965953.800	657720.233	R=500.00' L=19.99' Δ=2°17'26" T=10.00'		306+41.37	2965946.138
L203	306+41.37	2965946.138	657738.695		S66°19'03"E 730.01'	313+71.38	2965652.916
C203	313+71.38	2965652.916	658407.225	R=500.00' L=19.99' Δ=2°17'26" T=10.00'		313+91.37	2965644.523
L204	313+91.37	2965644.523	658425.365		S64°01'36"E 29.68'	314+21.05	2965631.525
C204	314+21.05	2965631.525	658452.047	R=500.00' L=19.94' Δ=2°17'04" T=9.97'		314+40.99	2965623.153
L205	314+40.99	2965623.153	658470.139		S66°18'41"E 2288.82'	337+29.81	2964703.581
C205	337+29.81	2964703.581	660566.109	R=500.00' L=39.49' Δ=4°31'29" T=19.75'		337+69.29	2964686.306
L206	337+69.29	2964686.306	660601.604		S61°47'12"E 11.20'	337+80.49	2964681.012
C206	337+80.49	2964681.012	660611.471	R=500.00' L=39.49' Δ=4°31'29" T=19.75'		338+19.98	2964663.738
L207	338+19.98	2964663.738	660646.966		S66°18'41"E 209.72'	340+29.70	2964579.477
C207	340+29.70	2964579.477	660839.020	R=500.00' L=37.52' Δ=4°17'58" T=18.77'		340+67.22	2964565.706
L208	340+67.22	2964565.706	660873.911		S70°36'39"E 15.82'	340+83.04	2964560.454
C208	340+83.04	2964560.454	660888.833	R=500.00' L=37.52' Δ=4°17'58" T=18.77'		341+20.56	2964546.683
L209	341+20.56	2964546.683	660923.724		S66°18'41"E 359.47'	344+80.03	2964402.259
C209	344+80.03	2964402.259	661252.908	R=500.00' L=39.91' Δ=4°34'26" T=19.97'		345+19.95	2964387.697
L210	345+19.95	2964387.697	661290.061		S70°53'07"E 10.12'	345+30.07	2964384.383
C210	345+30.07	2964384.383	661299.625	R=500.00' L=39.89' Δ=4°34'16" T=19.96'		345+69.96	2964369.832
L211	345+69.96	2964369.832	661336.754		S66°18'51"E 159.98'	347+29.94	2964305.565
C211	347+29.94	2964305.565	661483.256	R=500.00' L=38.39' Δ=4°23'59" T=19.21'		347+68.33	2964288.808

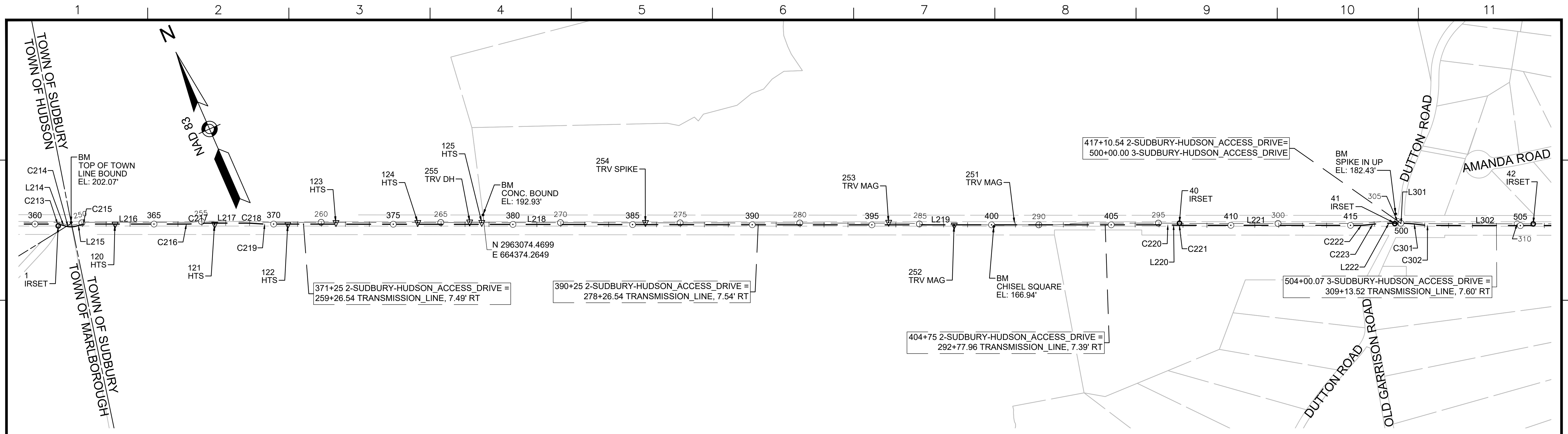
2-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA							
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	EASTING
L212	347+68.33	2964288.808	661517.789		S61°54'53"E 13.79'	347+82.12	2964282.316
C212	347+82.12	2964282.316	661529.955	R=500.00' L=38.37' Δ=4°23'48" T=19.19'		348+20.49	2964265.568
L213	348+20.49	2964265.568	661564.465		S66°18'41"E 1267.77'	360+88.26	2963756.220
C213	360+88.26	2963756.220	662725.416	R=80.00' L=23.32' Δ=16°41'57" T=11.74'		361+11.58	2963743.895
L214	361+11.58	2963743.895	662745.111		S49°36'43"E 16.84'	361+28.41	2963732.985
C214	361+28.41	2963732.985	662757.935	R=80.00' L=45.94' Δ=32°54'10" T=23.62'		361+74.35	2963714.601
L215	361+74.35	2963714.601	662799.350		S82°30'53"E 18.74'	361+93.10	2963712.159
C215	361+93.10	2963712.159	662817.933	R=80.00' L=22.62' Δ=16°12'13" T=11.39'		362+15.72	2963706.100
L216	362+15.72	2963706.100	662839.653		S66°18'41"E 417.03'	366+32.74	2963538.553

SURVEY TRAVERSE TABLE						
POINT #	NORTHING	EASTING	ELEV	RAW DESCRIPTION	STATION CONSTR	OFFSET CONSTR
1	2963745.726	662730.239	198.48	IRSET	360+96.89	7.67 RT
2	2964022.713	662098.499	192.67	IRSET	354+07.10	7.84 RT
3	2964374.403	661295.377	190.95	IRSET	345+29.32	10.82 RT
4	2964579.876	660823.257	192.72	IRSET	340+15.11	5.97 RT
5	2964714.175	660523.283	194.29	MAGSET	336+86.33	7.50 RT
6	2964905.564	660089.787	194.56	IRSET	332+12.47	6.41 RT
7	2965083.764	659717.177	195.49	IRSET	327+99.66	7.08 LT
8	2965329.485	659154.249	203.44	SPKSET	321+85.44	5.93 LT
10	2965892.249	657875.010	214.54	IRSET	307+87.85	5.40 LT
120	2963656.875	662950.210	197.18	HTS	363+34.03	0.66 RT
257	2964715.397	660518.603	194.24	TRV HT	336+81.56	8.27 RT

BENCHMARK TABLE			
NORTHING	EASTING	ELEV	DESCRIPTION
2965285.239	659136.888	202.07	STONE BOUND
2964938.646	660123.237	198.21	STONE BOUND
2964679.970	660538.355	196.69	SPIKE IN UP
2963737.068	662785.722	202.07	TOP OF TOWN LINE BOUND



NO.	DESCRIPTION	BY	DATE	APP.R.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
SURVEY TIE-IN PLANS				
PLAN 9 OF 348				
SCALE: unless noted 1"=200'	DATE FEB 2021	DRAWN MS	C'H'K'D. SK	APP.R. MES
DRAWING NO.		REV.		

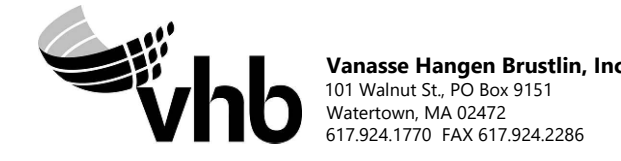


2-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C213	360+88.26	2963756.220	662725.416	R=80.00' Δ=16°41'57" L=23.32' T=11.74'		361+11.58	2963743.895	662745.111
L214	361+11.58	2963743.895	662745.111		S49°36'43"E 16.84'	361+28.41	2963732.985	662757.935
C214	361+28.41	2963732.985	662757.935	R=80.00' Δ=32°54'10" L=45.94' T=23.62'		361+74.35	2963714.601	662799.350
L215	361+74.35	2963714.601	662799.350		S82°30'53"E 18.74'	361+93.10	2963712.159	662817.933
C215	361+93.10	2963712.159	662817.933	R=80.00' Δ=16°12'13" L=22.62' T=11.39'		362+15.72	2963706.100	662839.653
L216	362+15.72	2963706.100	662839.653		S66°18'41"E 417.03'	366+32.74	2963538.553	663221.540
C216	366+32.74	2963538.553	663221.540	R=500.00' Δ=5°07'35" L=44.74' T=22.38'		366+77.48	2963522.435	663263.256
C217	366+77.48	2963522.435	663263.256	R=500.00' Δ=5°07'35" L=44.74' T=22.38'		367+22.22	2963506.317	663304.972
L217	367+22.22	2963506.317	663304.972		S66°18'41"E 162.17'	368+84.39	2963441.162	663453.479
C218	368+84.39	2963441.162	663453.479	R=500.00' Δ=5°03'10" L=44.09' T=22.06'		369+28.48	2963421.691	663493.024
C219	369+28.48	2963421.691	663493.024	R=500.00' Δ=4°58'12" L=43.37' T=21.70'		369+71.85	2963402.510	663531.908
L218	369+71.85	2963402.510	663531.908		S66°13'43"E 2255.15'	392+27.00	2962493.483	665595.730
L219	392+27.00	2962493.483	665595.730		S66°18'55"E 1499.60'	407+26.60	2961891.088	666969.015
C220	407+26.60	2961891.088	666969.015	R=500.00' Δ=2°19'04" L=20.23' T=10.11'		407+46.82	2961882.591	666987.368
L220	407+46.82	2961882.591	666987.368		S63°59'51"E 27.94'	407+74.76	2961870.342	667012.481
C221	407+74.76	2961870.342	667012.481	R=500.00' Δ=2°17'42" L=20.03' T=10.01'		407+94.79	2961861.924	667030.651
L221	407+94.79	2961861.924	667030.651		S66°17'33"E 730.94'	415+25.73	2961568.037	667699.907
C222	415+25.73	2961568.037	667699.907	R=499.59' Δ=7°40'18" L=66.89' T=33.50'		415+92.62	2961545.316	667762.771
C223	415+92.62	2961545.316	667762.771	R=500.00' Δ=7°45'40" L=67.73' T=33.92'		416+60.35	2961522.262	667826.400
L222	416+60.35	2961522.262	667826.400		S66°12'11"E 50.19'	417+10.54	2961502.012	667872.321

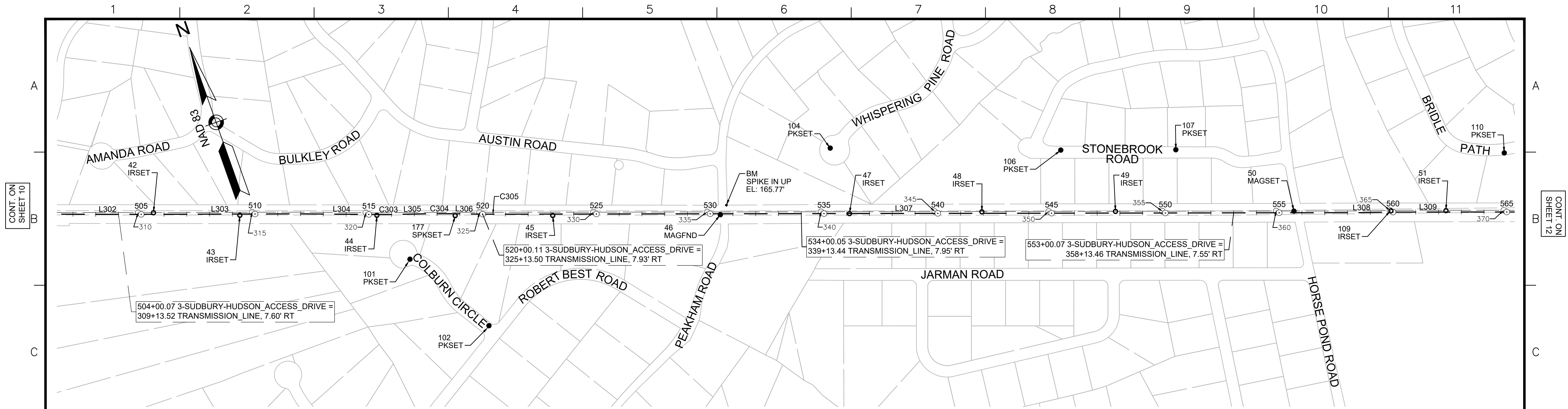
3-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L301	500+00.00	2961502.012	667872.321		S66°12'11"E 2.28'	500+02.28	2961501.092	667874.407
C301	500+02.28	2961501.092	667874.407	R=500.00' Δ=7°41'35" L=67.14' T=33.62'		500+69.41	2961469.967	667933.834
C302	500+69.41	2961469.967	667933.834	R=500.00' Δ=7°41'34" L=67.13' T=33.62'		501+36.55	2961438.842	667993.259
L302	501+36.55	2961438.842	667993.259		S66°12'10"E 352.24'	504+88.78	2961296.716	668315.548

BENCHMARK TABLE			
NORTHING	EASTING	ELEV	DESCRIPTION
2963737.068	662785.722	202.07	TOP OF TOWN LINE BOUND
2963074.470	664374.265	192.93	CONC. BOUND
2962172.866	666309.477	166.94	CHISEL SQUARE
2961546.450	667868.173	182.43	SPIKE IN UP

SURVEY TRAVERSE TABLE						
POINT #	NORTHING	EASTING	ELEV	RAW DESCRIPTION	STATION CONSTR	OFFSET CONSTR
1	2963745.726	662730.239	198.48	IRSET	360+96.89	7.67 RT
40	2961873.800	667025.482	171.31	IRSET	407+82.40	8.70 LT
41	2961510.586	667848.645	181.70	IRSET	416+82.29	7.29 LT
42	2961276.984	668377.806	188.16	IRSET	505+53.68	6.74 LT
120	2963656.875	662950.210	197.18	HTS	363+34.03	0.66 RT
121	2963489.402	663331.297	194.65	HTS	367+50.41	4.91 RT
122	2963365.831	663611.237	193.31	HTS	370+56.52	1.59 RT
123	2963292.393	663798.336	191.85	HTS	372+57.35	6.62 LT
124	2963155.264	664111.471	190.70	HTS	375+99.20	7.35 LT
125	2963048.085	664356.309	188.72	HTS	378+66.46	7.95 LT
252	2962245.033	666160.019	168.98	TRV MAG	398+40.85	0.85 RT
253	2962365.661	665913.641	171.64	TRV MAG	395+66.77	10.65 LT
254	2962773.106	664982.657	181.84	TRV SPIKE	385+50.51	8.78 LT
255	2963070.212	664310.860	189.64	TRV DH	378+15.95	9.88 LT
18000	2962245.042	666159.997	169.01	ZZ	398+40.83	0.85 RT
18044	2962245.028	666160.012	168.98	ZZ	398+40.85	0.85 RT
18045	2962245.041	666159.998	168.99	ZZ	398+40.83	0.85 RT
18115	2962244.993	666159.978	169.01	ZZ	398+40.83	0.90 RT



NO.	DESCRIPTION	BY	DATE	APP.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
SURVEY TIE-IN PLANS				
PLAN 10 OF 348				
SCALE: unless noted 1"=200'	DATE FEB 2021	DRAWN MS	CHECKED SK	APP. REV. MES
				DRAWING NO. REV.



CONT. ON SHEET 10

CONT. ON SHEET 12

3-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA							
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	EASTING
L302	501+36.55	2961438.842	667993.259		S66°12'10"E 352.24'	504+88.78	2961296.716
L303	504+88.78	2961296.716	668315.548		S66°29'41"E 714.53'	512+03.31	2961011.736
L304	512+03.31	2961011.736	668970.789		S65°47'36"E 355.56'	515+58.87	2960865.948
C303	515+58.87	2960865.948	669295.083	R=2000.00' Δ=2°02'02" L=70.99' T=35.50'		516+29.86	2960837.994
L305	516+29.86	2960837.994	669360.337		S67°49'38"E 62.53'	516+92.40	2960814.394
C304	516+92.40	2960814.394	669418.247	R=5000.00' Δ=2°28'08" L=215.46' T=107.75'		519+07.86	2960728.805
L306	519+07.86	2960728.805	669615.962		S65°21'30"E 56.37'	519+64.23	2960705.304
C305	519+64.23	2960705.304	669667.194	R=5000.00' Δ=1°03'24" L=92.20' T=46.10'		520+56.43	2960667.637
L307	520+56.43	2960667.637	669751.349		S66°24'53"E 3804.53'	558+60.96	2959145.398
L308	558+60.96	2959145.398	673238.076		S67°25'05"E 114.60'	559+75.56	2959101.392
L309	559+75.56	2959101.392	673343.887		S66°25'05"E 324.74'	563+00.30	2958971.476

SURVEY TRAVERSE TABLE						
POINT #	NORTHING	EASTING	ELEV	RAW DESCRIPTION	STATION CONSTR	OFFSET CONSTR
42	2961276.984	668377.806	188.16	IRSET	505+53.68	6.74 LT
43	2961114.242	668720.884	186.90	IRSET	509+33.20	5.67 RT
44	2960872.290	669272.068	179.54	IRSET	515+35.16	5.71 RT
45	2960561.109	669979.507	170.77	IRSET	523+08.08	6.11 RT
46	2960268.559	670655.156	164.98	MAGFND	530+44.34	3.24 RT
47	2960044.841	671176.622	158.38	IRSET	536+11.75	0.17 LT
48	2959818.439	671712.628	158.76	IRSET	541+93.58	6.87 LT
49	2959584.190	672250.787	164.97	IRSET	547+80.51	7.26 LT
50	2959270.319	672969.429	166.74	MAGSET	555+64.70	7.01 LT
51	2959003.971	673581.771	161.78	IRSET	562+32.47	5.88 LT
101	2960637.452	669327.889	173.64	PKSET	516+80.03	200.80 RT
102	2960230.460	669528.351	161.76	PKSET	520+29.54	489.96 RT
104	2960342.456	671214.805	164.66	PKSET	535+27.81	288.24 LT
106	2959927.516	672139.020	156.93	PKSET	545+40.82	277.29 LT
107	2959725.836	672602.609	167.23	PKSET	550+46.28	277.74 LT
109	2959100.366	673360.157	163.15	IRSET	559+90.81	5.57 LT
110	2959133.231	673918.507	165.88	PKSET	564+88.88	259.43 LT
177	2960732.743	669586.484	175.07	SPKSET	518+79.35	8.71 RT

BENCHMARK TABLE			
NORTHING	EASTING	ELEV	DESCRIPTION
2960296.323	670696.507	165.77	SPIKE IN UP



REVISION			
NO.	DESCRIPTION	BY	DATE

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 SURVEY TIE-IN PLANS

PLAN 11 OF 348

SCALE: unless noted 1"=200'	DATE FEB 2021	DRAWN MS	CHECKED SK	APPROVED MES	DRAWING NO. 	REV.
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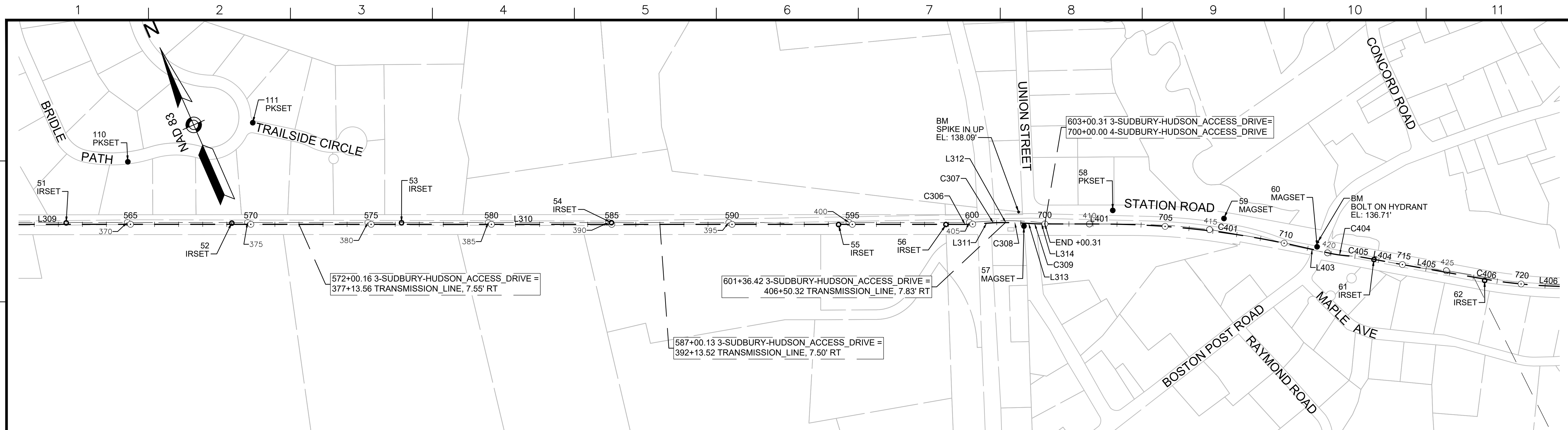
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3-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA							
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	EASTING
L309	559+75.56	2959101.392	673343.887		S66°25'05"E 324.74'	563+00.30	2958971.476 673641.508
L310	563+00.30	2958971.476	673641.508		S66°18'26"E 3665.57'	599+65.87	2957498.529 676998.123
C306	599+65.87	2957498.529	676998.123	R = 500.00' L=31.71' T=15.86'	Δ=3°38'00"	599+97.58	2957486.717 677027.541
L311	599+97.58	2957486.717	677027.541		S69°56'26"E 84.99'	600+82.57	2957457.567 677107.371
C307	600+82.57	2957457.567	677107.371	R = 500.00' L=31.81' T=15.91'	Δ=3°38'42"	601+14.37	2957445.714 677136.884
L312	601+14.37	2957445.714	677136.884		S66°17'43"E 47.14'	601+61.52	2957426.761 677180.049
C308	601+61.52	2957426.761	677180.049	R = 500.00' L=28.08' T=14.05'	Δ=3°13'05"	601+89.60	2957414.756 677205.432
L313	601+89.60	2957414.756	677205.432		S63°04'38"E 68.56'	602+58.16	2957383.711 677266.565
C309	602+58.16	2957383.711	677266.565	R = 500.00' L=28.08' T=14.05'	Δ=3°13'05"	602+86.25	2957371.705 677291.948
L314	602+86.25	2957371.705	677291.948		S66°17'43"E 14.06'	603+00.31	2957366.053 677304.821

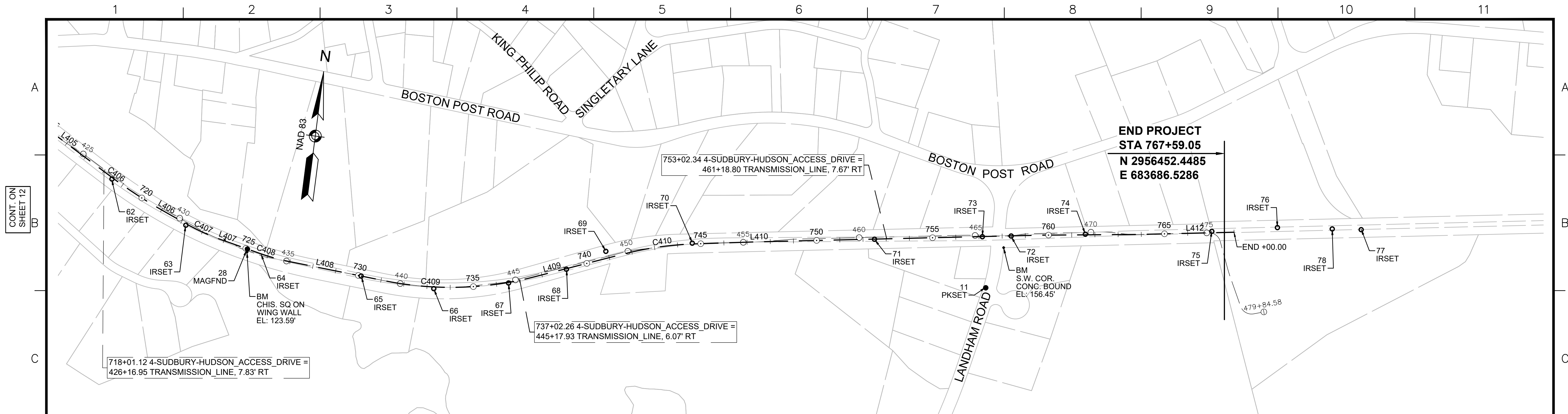
4-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA							
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	EASTING
L401	700+00.00	2957366.053	677304.821		S66°14'03"E 231.13'	702+31.13	2957272.909 677516.349
C401	702+31.13	2957272.909	677516.349	R = 3750.00' L=813.02' T=408.11'	Δ=12°25'19"	710+44.14	2956867.482 678219.228
L403	710+44.14	2956867.482	678219.228		S53°48'44"E 149.49'	711+93.63	2956779.221 678339.877
C404	711+93.63	2956779.221	678339.877	R = 500.00' L=84.03' T=42.12'	Δ=9°37'46"	712+77.66	2956735.524 678411.539
C405	712+77.66	2956735.524	678411.539	R = 500.00' L=66.80' T=33.45'	Δ=7°39'17"	713+44.46	2956701.760 678469.121
L404	713+44.46	2956701.760	678469.121		S55°47'13"E 137.37'	714+81.84	2956624.519 678582.722
L405	714+81.84	2956624.519	678582.722		S56°18'15"E 352.06'	718+33.90	2956429.201 678875.635
C406	718+33.90	2956429.201	678875.635	R = 2150.00' L=279.56' T=139.98'	Δ=7°27'00"	721+13.46	2956289.642 679117.643
L406	721+13.46	2956289.642	679117.643		S63°45'15"E 104.16'	722+17.62	2956243.579 679211.069

SURVEY TRAVERSE TABLE						
POINT #	NORTHING	EASTING	ELEV	RAW DESCRIPTION	STATION CONSTR	OFFSET CONSTR
51	2959003.971	673581.771	161.78	IRSET	562+32.47	5.88 LT
52	2958726.419	674211.952	162.45	IRSET	569+21.06	4.82 LT
53	2958444.371	674858.194	159.51	IRSET	576+26.17	6.23 LT
54	2958094.408	675657.138	150.43	IRSET	584+98.40	6.80 LT
55	2957707.933	676518.674	141.46	IRSET	594+42.61	0.90 RT
56	2957528.922	676927.440	137.87	IRSET	598+88.86	0.57 RT
57	2957392.601	677221.786	136.73	MAGSET	602+14.14	12.35 RT
58	2957304.172	677585.894	133.06	PKSET	702+82.18	56.64 LT
59	2957087.530	677995.592	132.68	MAGSET	707+37.83	54.69 LT
60	2956824.551	678302.748	134.41	MAGSET	711+37.94	8.24 LT
61	2956680.926	678497.843	132.30	IRSET	713+80.00	1.09 RT
62	2956416.645	678884.311	130.43	IRSET	718+48.12	5.68 RT
110	2959133.231	673918.507	165.88	PKSET	564+88.88	259.43 LT
111	2959073.271	674459.148	167.27	PKSET	570+08.04	421.77 LT

BENCHMARK TABLE			
NORTHING	EASTING	ELEV	DESCRIPTION
2957455.231	677224.797	138.09	SPIKE IN UP
2956841.239	678313.243	136.71	BOLT ON HYDRANT



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
SURVEY TIE-IN PLANS				
PLAN 12 OF 348				
SCALE: unless noted 1"=200'	DATE FEB 2021	DRAWN MS	C'H'K'D. SK	APPR. MES
DRAWING NO.	REV.			



4-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L405	714+81.84	2956624.519	678582.722		S66°18'15"E 352.06'	718+33.90	2956429.201	678875.635
C406	718+33.90	2956429.201	678875.635	R=2150.00' L=279.96' Δ=7°27'00" T=139.98'		721+13.46	2956289.642	679117.643
L406	721+13.46	2956289.642	679117.643		S63°45'15"E 104.16'	722+17.62	2956243.579	679211.069
C407	722+17.62	2956243.579	679211.069	R=1000.00' L=172.63' Δ=9°53'27" T=86.53'		723+90.25	2956180.949	679371.703
L407	723+90.25	2956180.949	679371.703		S73°38'42"E 171.77'	725+62.02	2956132.580	679536.524
C408	725+62.02	2956132.580	679536.524	R=975.00' L=138.56' Δ=8°08'34" T=69.40'		727+00.58	2956103.125	679671.802
L408	727+00.58	2956103.125	679671.802		S81°47'16"E 414.21'	731+14.79	2956043.959	680081.760
C409	731+14.79	2956043.959	680081.760	R=1450.00' L=651.62' Δ=25°44'54" T=331.41'		737+66.41	2956096.475	680725.774
L409	737+66.41	2956096.475	680725.774		N72°27'50"E 398.71'	741+65.12	2956216.609	681105.957
C410	741+65.12	2956216.609	681105.957	R=1400.00' L=304.86' Δ=12°28'35" T=153.03'		744+69.98	2956276.216	681404.316
L410	744+69.98	2956276.216	681404.316		N84°56'25"E 284.93'	747+54.91	2956301.344	681688.134
L412	763+88.36	2956423.284	683316.984		N85°29'15"E 411.64'	768+00.00	2956455.670	683727.352

SURVEY TRAVERSE TABLE						
POINT #	NORTHING	EASTING	ELEV	RAW DESCRIPTION	STATION CONSTR	OFFSET CONSTR
28	2956147.431	679484.162		MAGFND	725+07.67	0.49 RT
62	2956416.645	678884.311	130.43	IRSET	718+48.12	5.68 RT
63	2956235.685	679213.375	127.74	IRSET	722+23.22	6.08 RT
65	2956058.540	679980.234	127.40	IRSET	730+12.41	0.07 RT
66	2956021.600	680295.859	127.83	IRSET	733+29.75	7.51 RT
67	2956063.791	680616.525	128.45	IRSET	736+52.67	2.73 RT
68	2956136.912	680862.069	128.00	IRSET	739+08.74	2.51 RT
69	2956223.381	681027.685	126.87	IRSET	740+92.72	30.04 LT
70	2956279.196	681397.664	129.15	IRSET	744+63.82	3.57 LT
71	2956339.379	682181.246	134.16	IRSET	752+49.67	0.88 RT
72	2956386.005	682768.909	139.33	IRSET	758+39.18	0.63 RT
73	2956376.175	682645.008	138.67	IRSET	757+14.89	0.68 RT
74	2956411.369	683087.697	139.08	IRSET	761+58.97	0.43 RT
75	2956454.066	683631.453	134.33	IRSET	767+04.66	5.95 LT
76	2956485.859	683912.993	130.20	IRSET		
77	2956496.909	684274.024	126.21	IRSET		
78	2956493.088	684149.188	128.48	IRSET		
115	2956157.017	682671.760	146.93	PKSET	757+24.32	221.27 RT
18116	2956182.184	679384.347	126.53	ZZ		
18212	2956182.152	679384.358	126.52	ZZ		

BENCHMARK TABLE			
NORTHING	EASTING	ELEV	DESCRIPTION
2956134.680	679483.085	123.59	CHIS. SQ ON WING WALL
2956334.172	682739.230	156.45	S.W. COR. CONC. BOUND



N.O.	DESCRIPTION	BY	DATE	APP.R.
	REVISION			

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 SURVEY TIE-IN PLANS

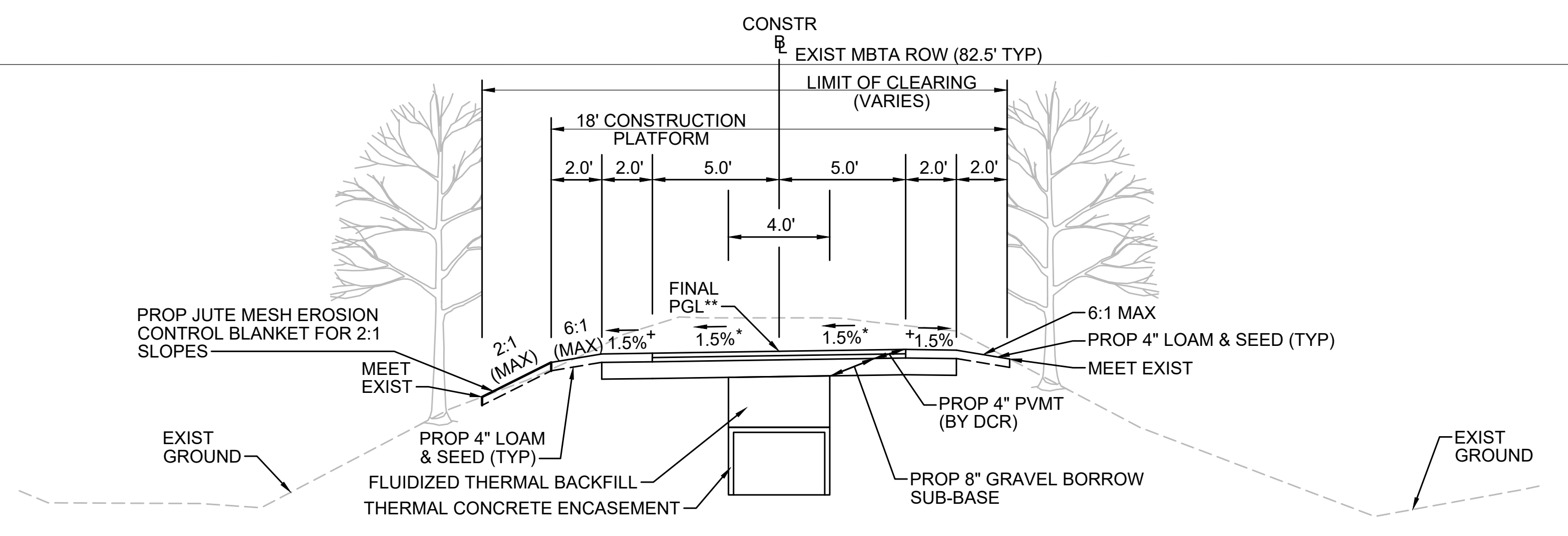
PLAN 13 OF 348

SCALE: unless noted 1"=200'	DATE FEB 2021	DRAWN MS	C'H'K D. SK	A P P R. MES	DRAWING NO.	REV.
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CONT. ON SHEET 12

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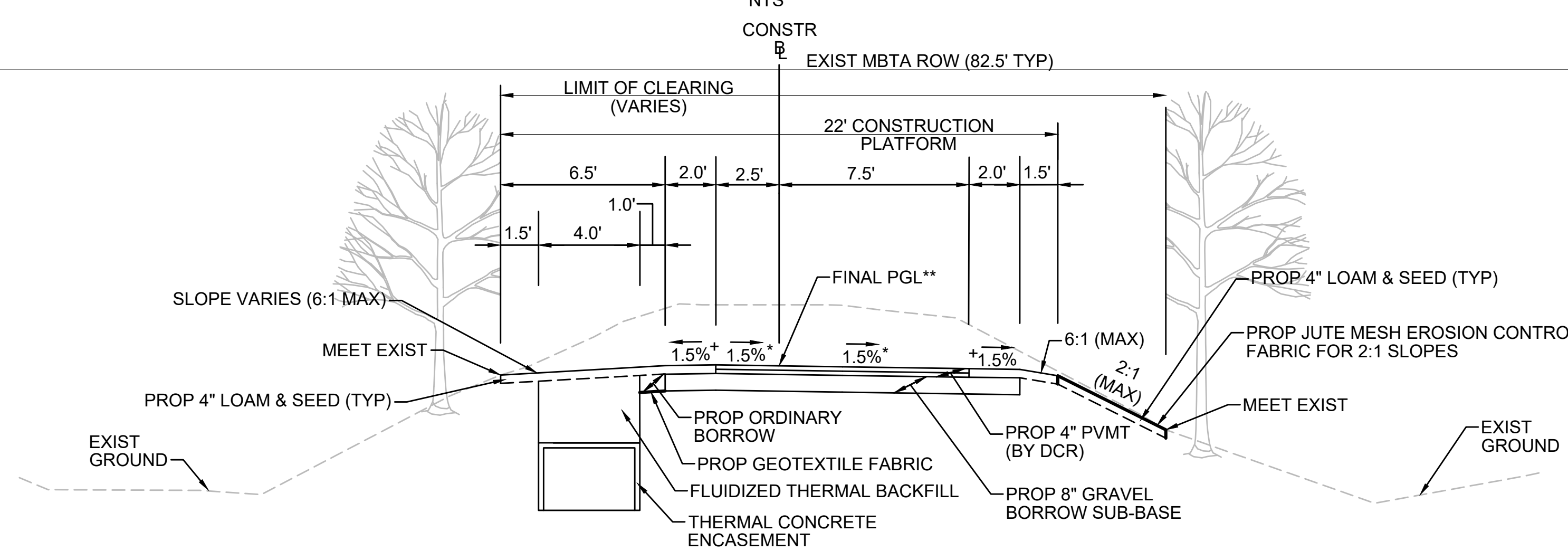


* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION

TYPICAL SECTION - CUT INTO EMBANKMENT - TRANSMISSION LINE IN CENTER

STA 112+50± TO STA 113+00±, STA 131+50± TO STA 131+75±, STA 145+75± TO STA 148+25±, STA 149+50± TO STA 153+00±, STA 397+25± TO STA 400+09±, STA 400+56± TO STA 402+50±, STA 592+00± TO STA 593+25±, STA 712+00± TO STA 715+75±, STA 723+25± TO STA 724+95±, STA 725+76± TO STA 730+00±, STA 732+00± TO STA 733+00±, STA 743+75± TO STA 747+16±, STA 747+50± TO STA 748+25±
 NTS

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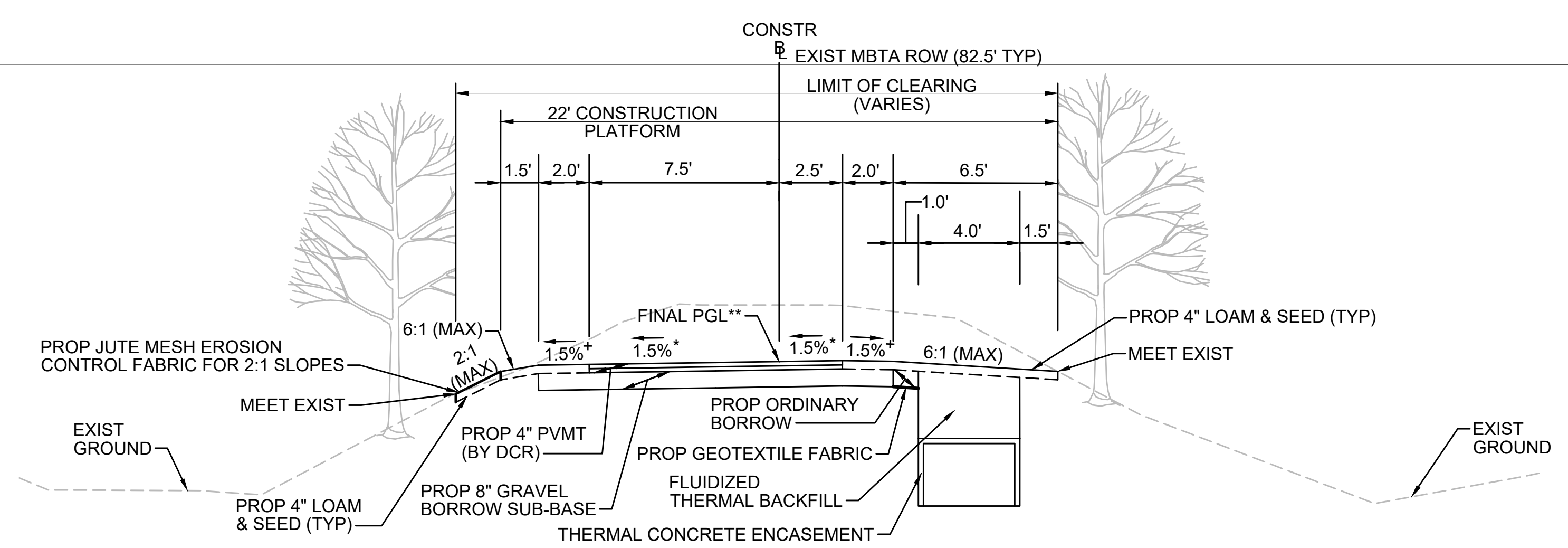


* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION

TYPICAL SECTION - CUT INTO EMBANKMENT - TRANSMISSION LINE ON LEFT

STA 142+25± TO STA 145+75±, STA 168+25± TO STA 171+00±, STA 350+25 TO STA 353+00±, STA 353+50± TO STA 357+00±, STA 368+00± TO STA 371+00±, STA 407+75± TO STA 409+25±, STA 409+75± TO STA 415+25±, STA 516+25± TO STA 519+75±, STA 520+25± TO STA 530+48±, STA 533+87± TO STA 534+00±, STA 534+00± TO STA 544+25±, STA 558+50± TO STA 563+75±, STA 576+75± TO STA 578+25±, STA 718+00± TO STA 721+25±, STA 748+25± TO STA 752+75±
 NTS

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* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION

TYPICAL SECTION - CUT INTO EMBANKMENT - TRANSMISSION LINE ON RIGHT

STA 102+25± TO STA 112+50±, STA 128+50± TO STA 131+50±, STA 148+25± TO STA 148+43±, STA 149+20± TO STA 149+50±
 NTS

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N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
TYPICAL SECTIONS				
PLAN 14 OF 349				
SCALE: unless noted NTS	DATE FEB 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			



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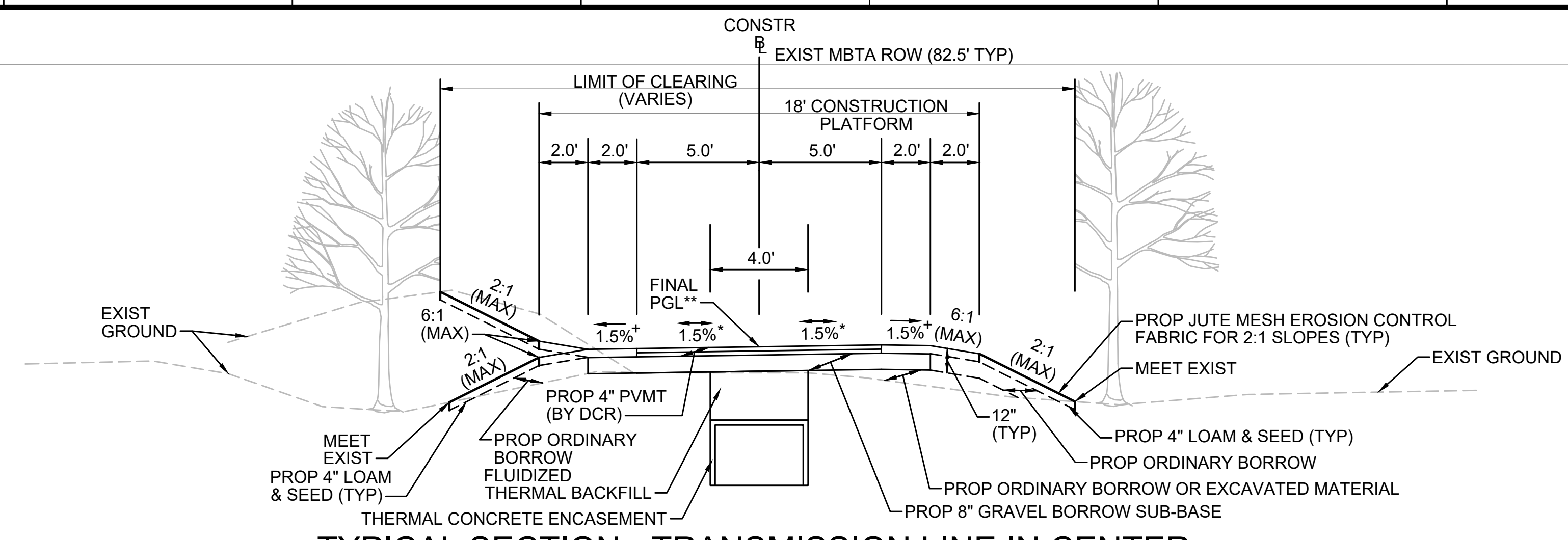
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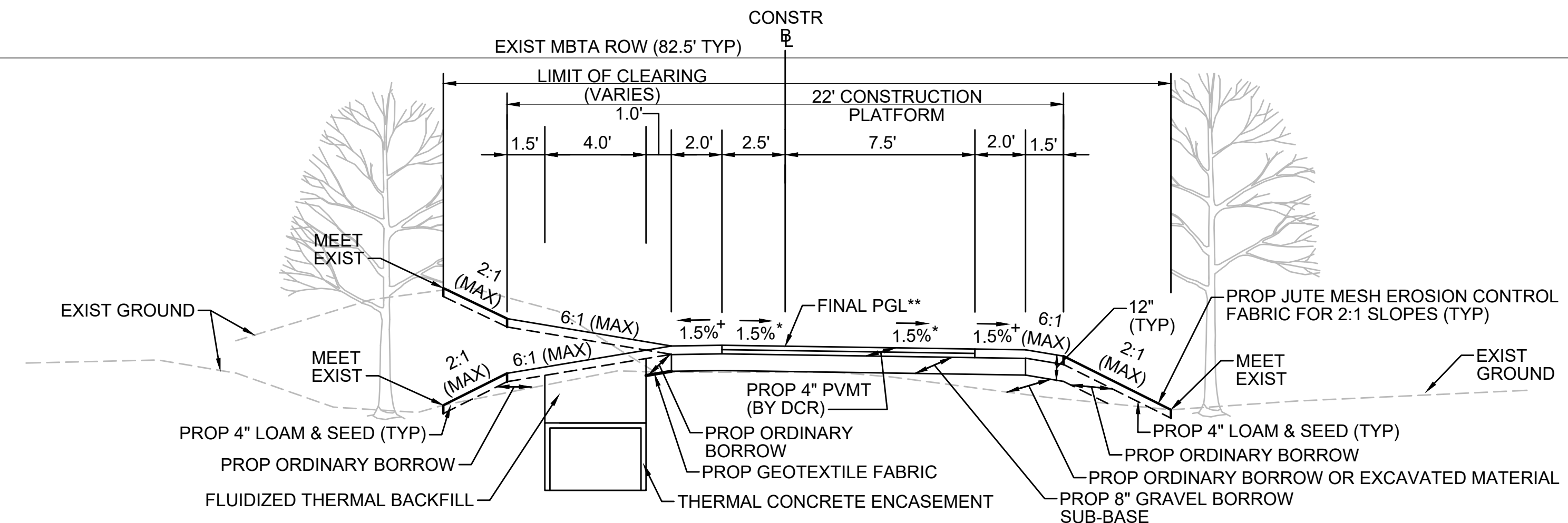
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TYPICAL SECTION - TRANSMISSION LINE IN CENTER

STA 131+75± TO STA 132+44±, STA 132+84± TO STA 134+25±, STA 153+00± TO STA 153+50±, STA 204+75± TO STA 207+25±, STA 213+68± TO STA 214+00±, STA 397+00± TO STA 397+25±, STA 402+50± TO STA 403+25±, STA 516+00± TO STA 516+25±, STA 593+25± TO STA 594+00±, STA 700+25± TO STA 711+41±, STA 711+67± TO STA 712+00±, STA 715+75± TO STA 717+75±, STA 742+25± TO STA 743+75±, STA 757+50± TO STA 758+13±, STA 763+20± TO STA 767+21±
NTS

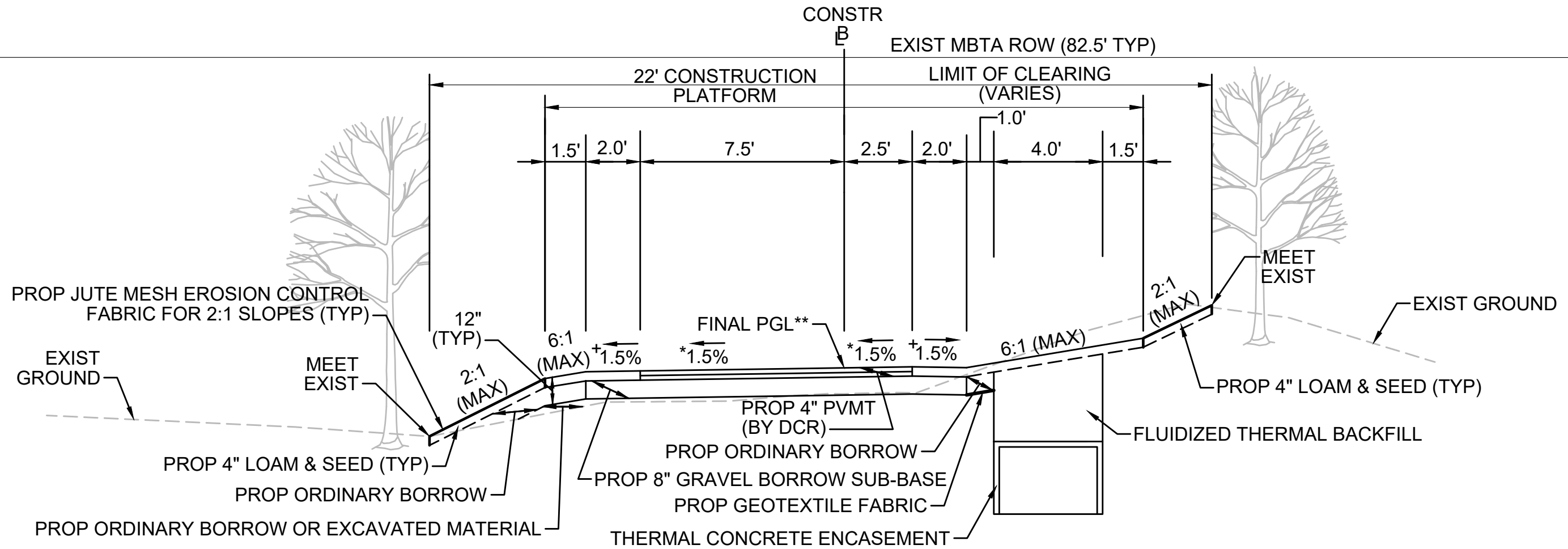
* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION



TYPICAL SECTION - TRANSMISSION LINE ON LEFT

STA 134+75± TO STA 142+25±, STA 153+50± TO STA 157+75±, STA 158+25± TO STA 168+25±, STA 171+00± TO STA 175+00±, STA 180+25± TO STA 181+86±, STA 182+19± TO STA 182+50±, STA 185+00± TO STA 195+75±, STA 196+25± TO STA 204+75±, STA 207+25± TO STA 213+49±, STA 214+00± TO STA 300+00±, STA 300+50± TO STA 304+00±, STA 316+50± TO STA 335+00±, STA 335+50± TO STA 336+86±, STA 337+08± TO STA 348+75±, STA 357+00± TO STA 360+25±, STA 365+00± TO STA 368+00±, STA 371+50± TO STA 375+50±, STA 378+75± TO STA 390+00±, STA 390+50± TO STA 393+00±, STA 403+25± TO STA 404+50±, STA 407+50± TO STA 407+75±, STA 409+25± TO STA 409+75±, STA 415+25± TO STA 416+83±, STA 417+08± TO STA 500+21±, STA 533+00± TO STA 533+48±, STA 544+25± TO STA 552+75±, STA 553+25± TO STA 555+77±, STA 555+96± TO STA 558+50±, STA 563+75± TO STA 565+00±, STA 578+25± TO STA 579+00±, STA 588+25± TO STA 592+00±, STA 594+00± TO STA 601+09±, STA 601+59± TO STA 602+18±, STA 602+47± TO STA 700+25±, STA 722+25± TO STA 723+25±, STA 738+25± TO STA 742+25±, STA 753+00± TO STA 753+48±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION



TYPICAL SECTION - TRANSMISSION LINE ON RIGHT

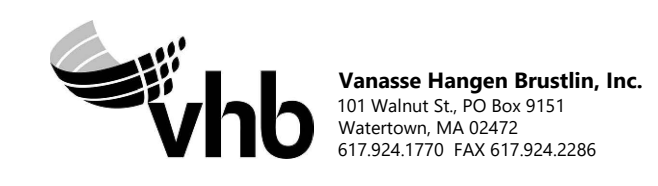
STA 100+31.46± TO STA 101+00±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION

REVISION			
NO.	DESCRIPTION	BY	DATE

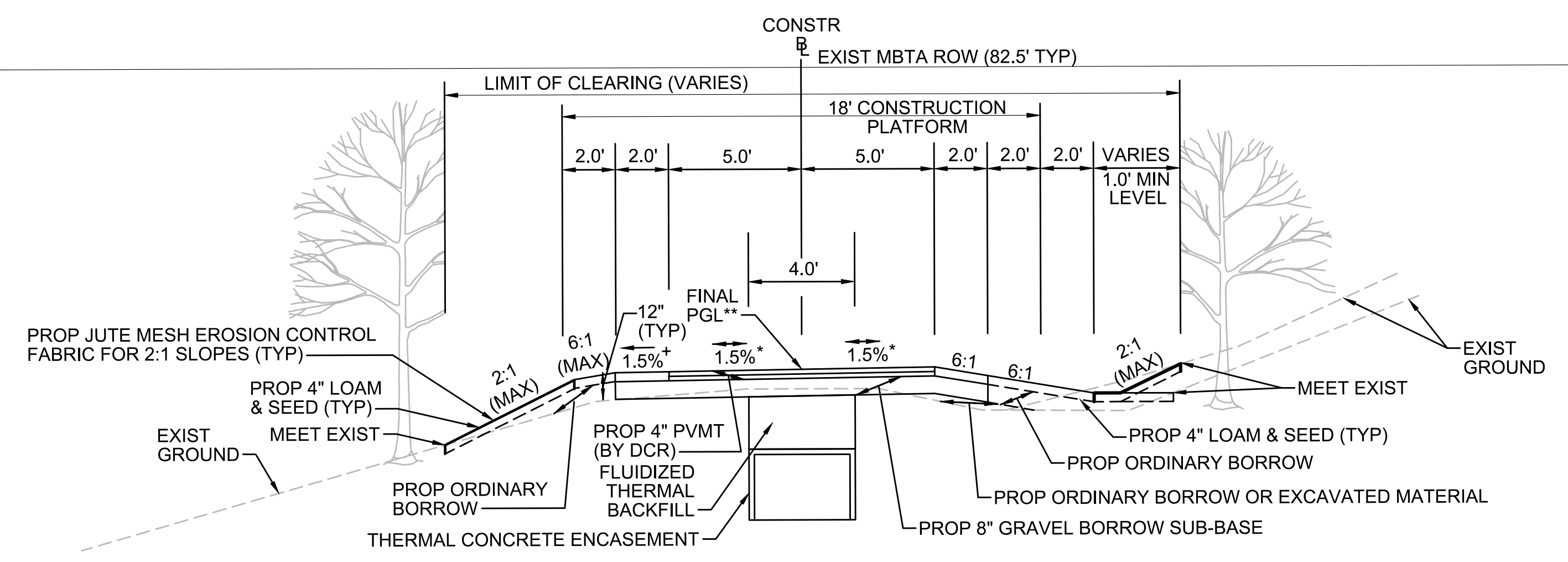
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
TYPICAL SECTIONS
PLAN 15 OF 349

SCALE: unless noted NTS	DATE FEB 2021	DRAWN MS	CHK'D. SK	APP'R. MES	DRAWING NO.	REV.
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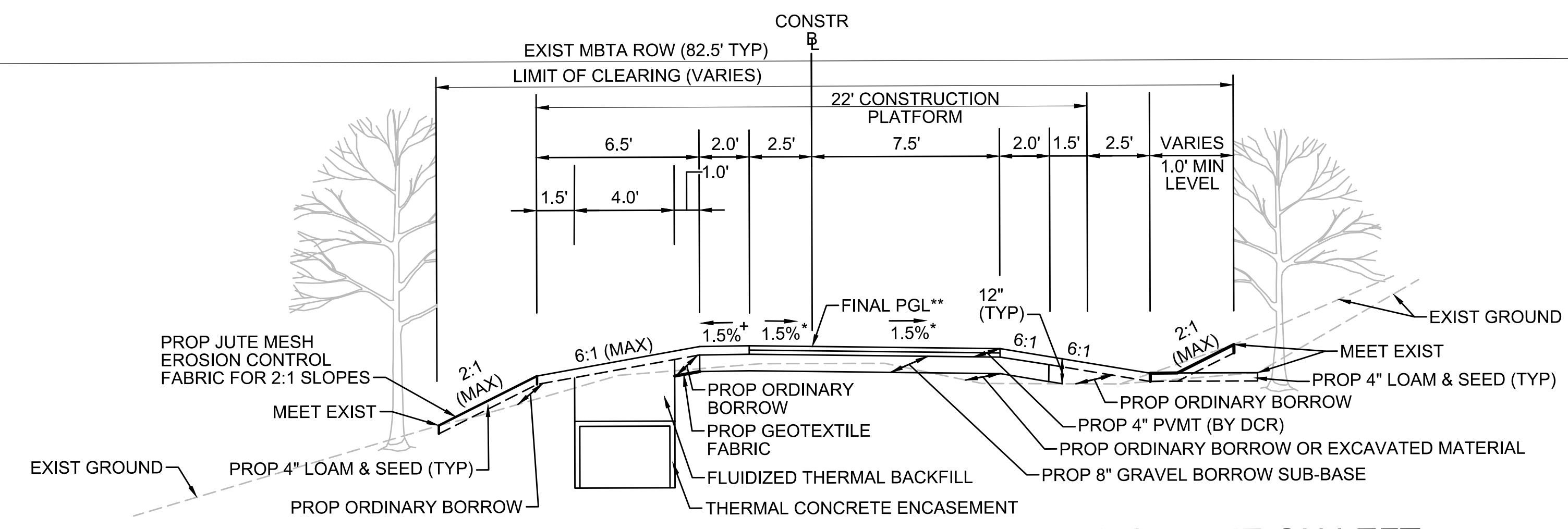


TYPICAL SECTION - SWALE RIGHT SIDE - TRANSMISSION LINE IN CENTER
 STA 113+00± TO STA 118+50±, STA 121+50± TO STA 126+25±
 NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION

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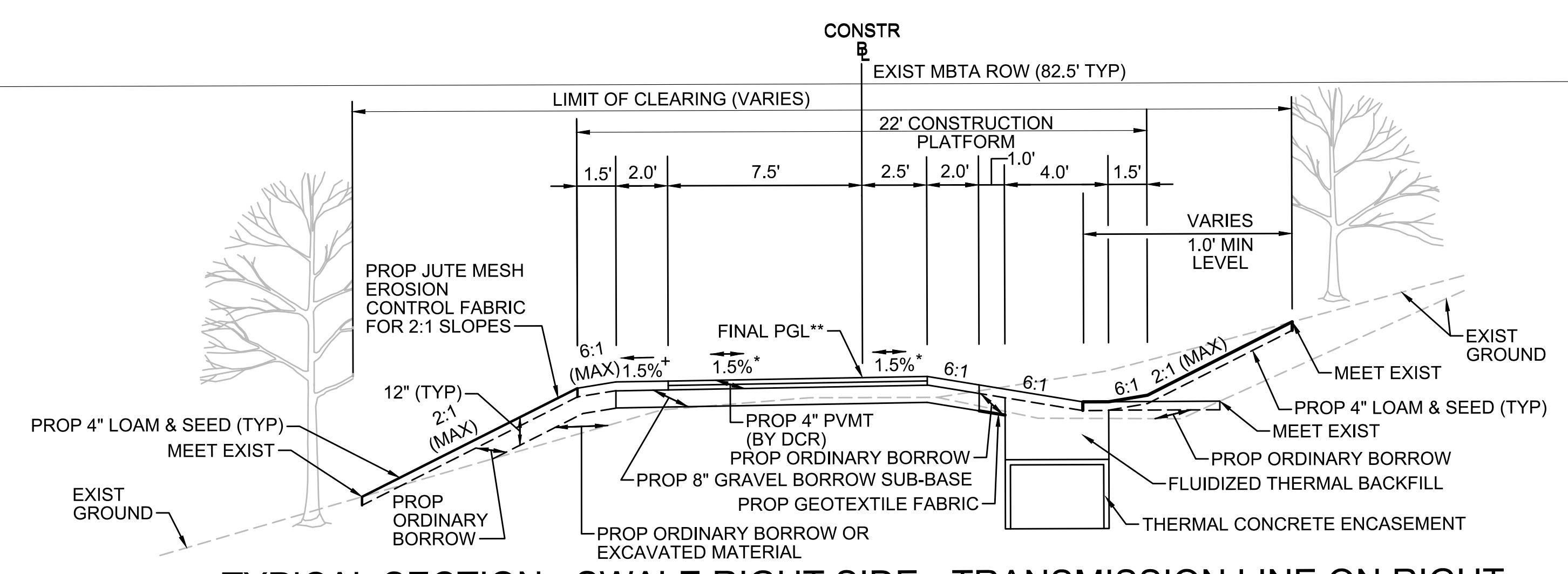


TYPICAL SECTION - SWALE RIGHT SIDE - TRANSMISSION LINE ON LEFT
 STA 134+25± TO STA 134+75±, STA 175+00± TO STA 175+50±, STA 304+00± TO STA 305+50±, STA 350+25± TO STA 350+50±,
 STA 360+25± TO STA 362+50±, STA 405+00± TO STA 407+50±, STA 500+21± TO STA 500+25±, STA 512+50± TO STA 513+25±,
 STA 533+48± TO STA 533+75±, STA 565+00± TO STA 569+00±, STA 579+00± TO STA 586+75±,
 STA 587+25± TO STA 588+25±, STA 721+25± TO STA 722+25±
 NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION

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TYPICAL SECTION - SWALE RIGHT SIDE - TRANSMISSION LINE ON RIGHT
 STA 118+50± TO STA 120+75±, STA 121+25± TO STA 121+50±, STA 126+25± TO STA 128+50±
 NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION

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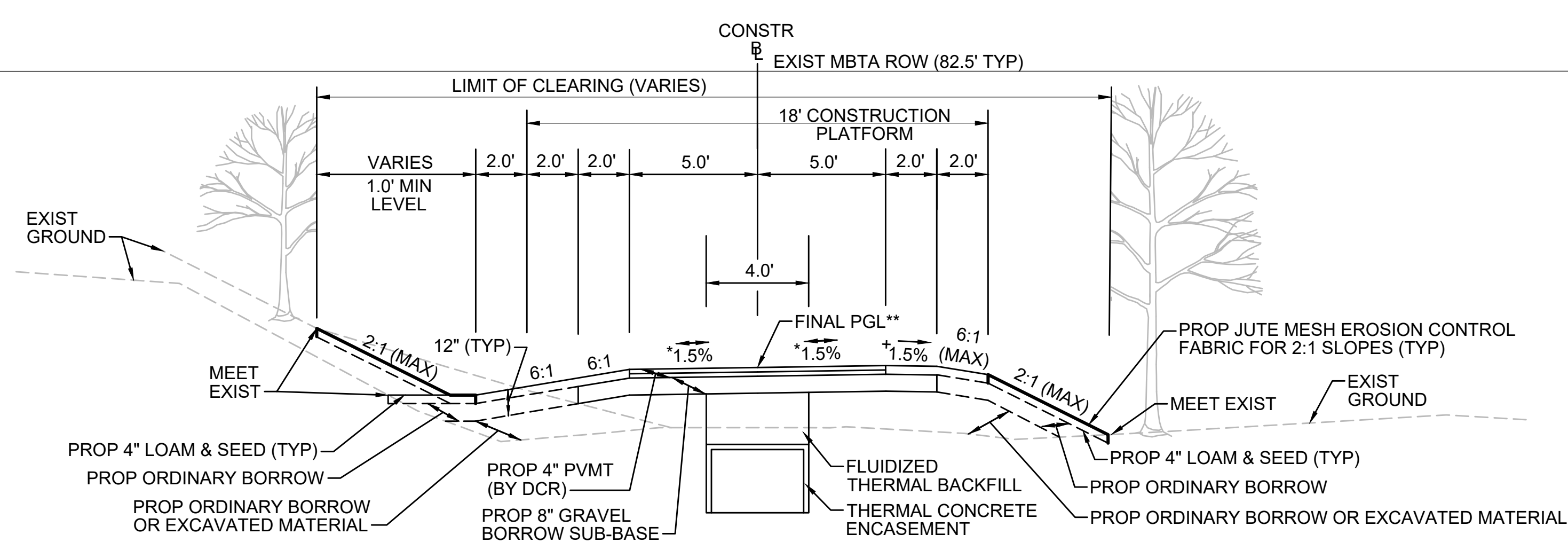
REVISION			
NO.	DESCRIPTION	BY	DATE

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 TYPICAL SECTIONS
 PLAN 16 OF 349

SCALE: unless noted NTS	DATE FEB 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. 	REV.
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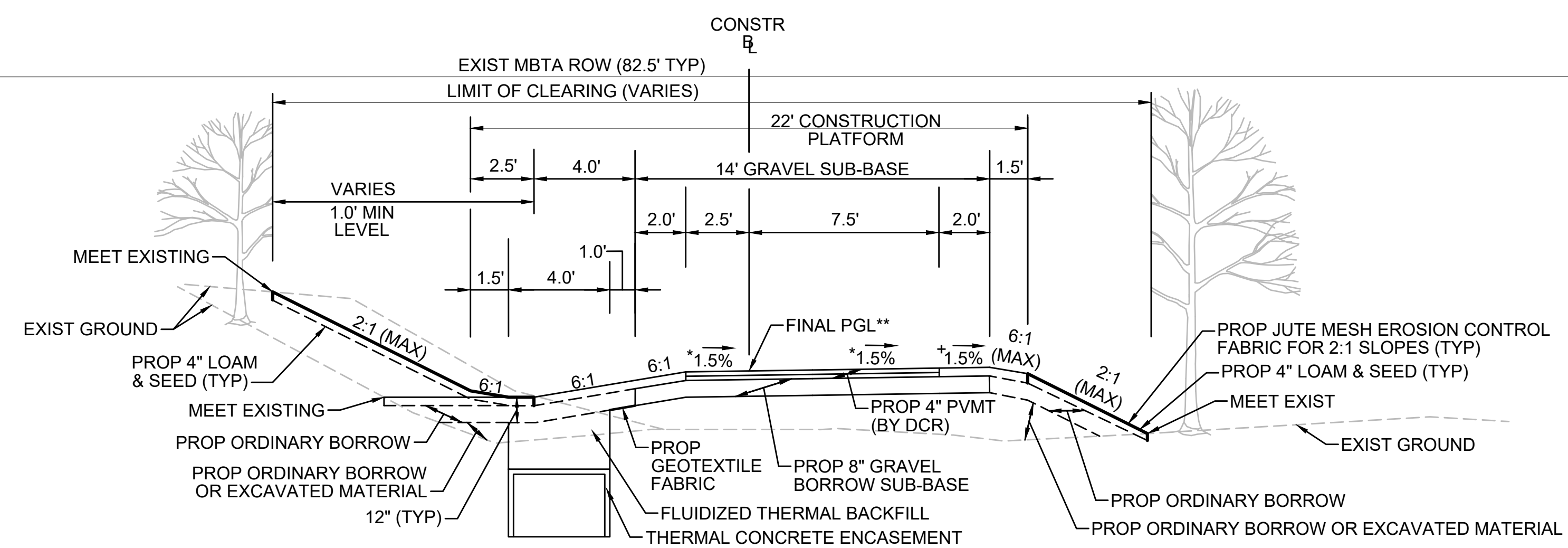
TYPICAL SECTION - SWALE LEFT SIDE - TRANSMISSION LINE IN CENTER

STA 730+00± TO STA 732+00±, STA 733+00± TO STA 735+00±, STA 758+13± TO STA 558+50±, STA 762+75± TO STA 763+20±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION

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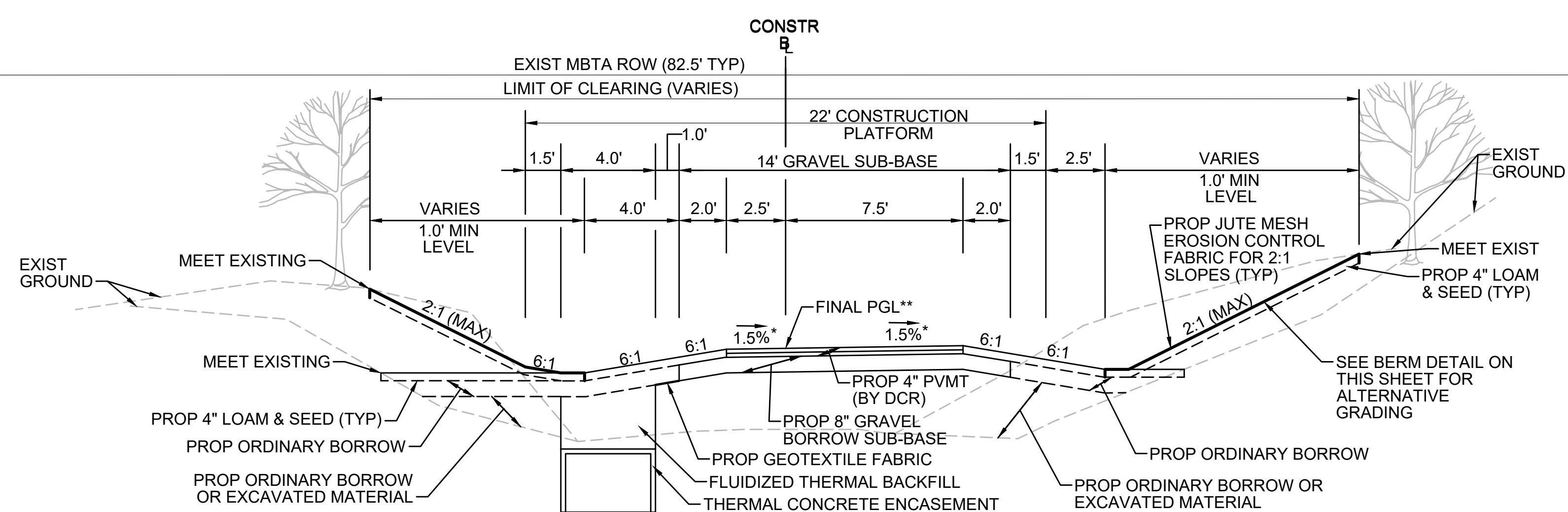
TYPICAL SECTION - SWALE LEFT SIDE - TRANSMISSION LINE ON LEFT

STA 179+75± TO STA 180+25±, STA 184+50± TO STA 185+00±, STA 315+75± TO STA 316+14±, STA 375+50± TO STA 378+75±, STA 395+50± TO STA 397+00±, STA 530+71± TO STA 533+00±, STA 576+50± TO STA 576+75±, STA 735+00± TO STA 736+90±, STA 737+13± TO STA 738+25±, STA 758+50± TO STA 762+75±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION

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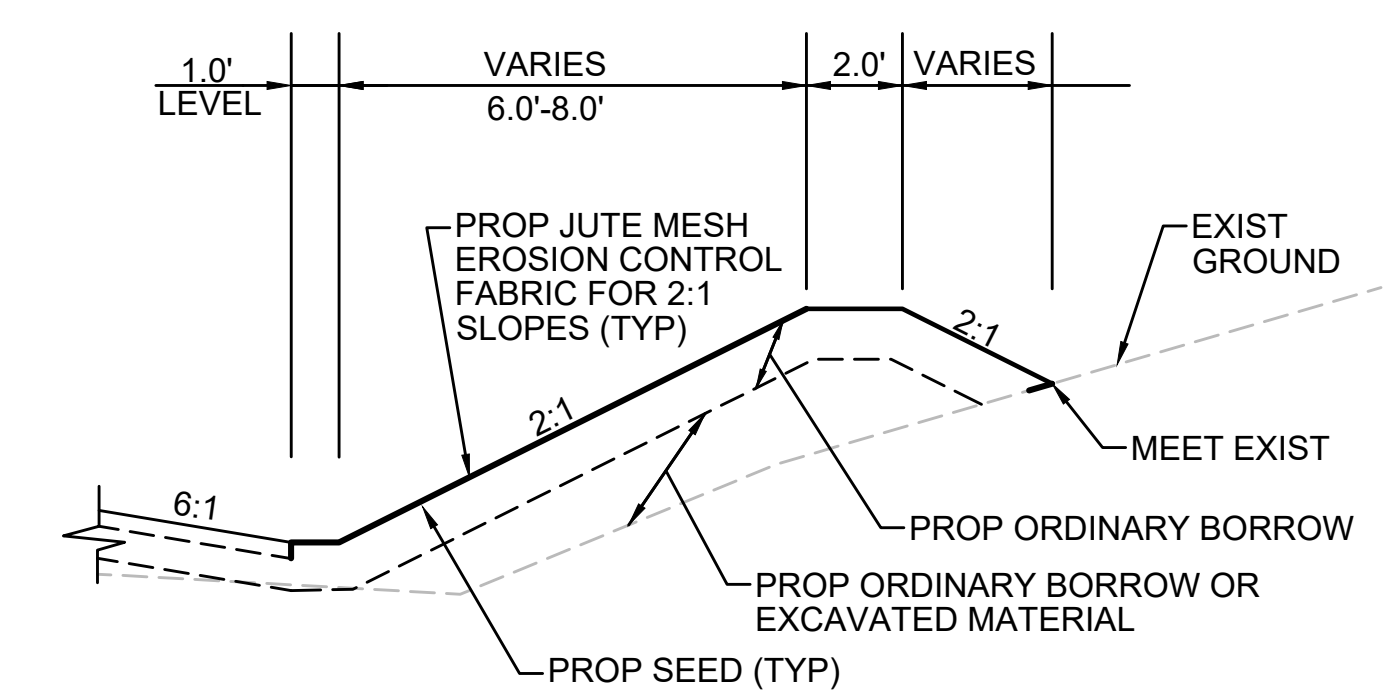
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TYPICAL SECTION - SWALE BOTH SIDES - TRANSMISSION LINE ON LEFT

STA 175+50± TO STA 176+75±, STA 177+25± TO STA 179+75±, STA 182+50± TO STA 184+50±, STA 305+50± TO STA 315+75±, STA 348+75± TO STA 350+25±, STA 362+50± TO STA 365+00±, STA 393+00± TO STA 395+50±, STA 500+25± TO STA 503+75±, STA 504+25± TO STA 512+50±, STA 513+25± TO STA 516+00±, STA 569+00± TO STA 571+75±, STA 572+25± TO STA 576+50±, STA 753+48± TO STA 757+50±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
SEE CROSS SECTIONS FOR MORE INFORMATION



BERM DETAIL
STA 394+50 TO STA 395+50



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
TYPICAL SECTIONS					
PLAN 17 OF 349					
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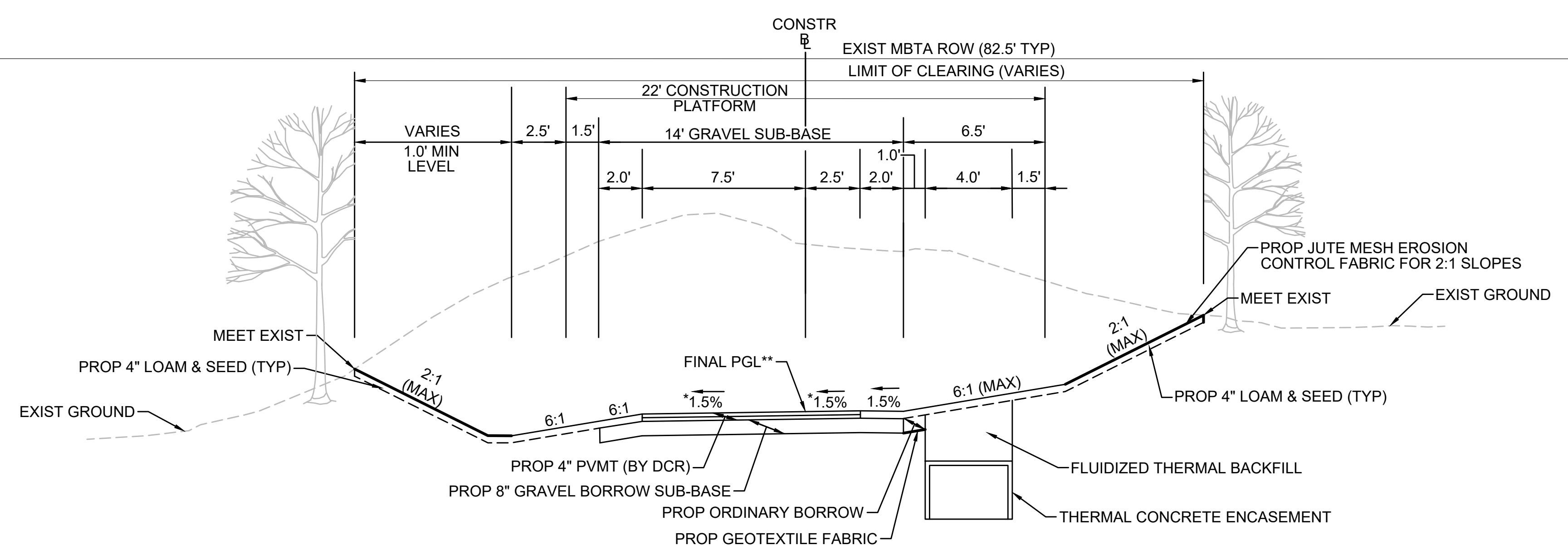
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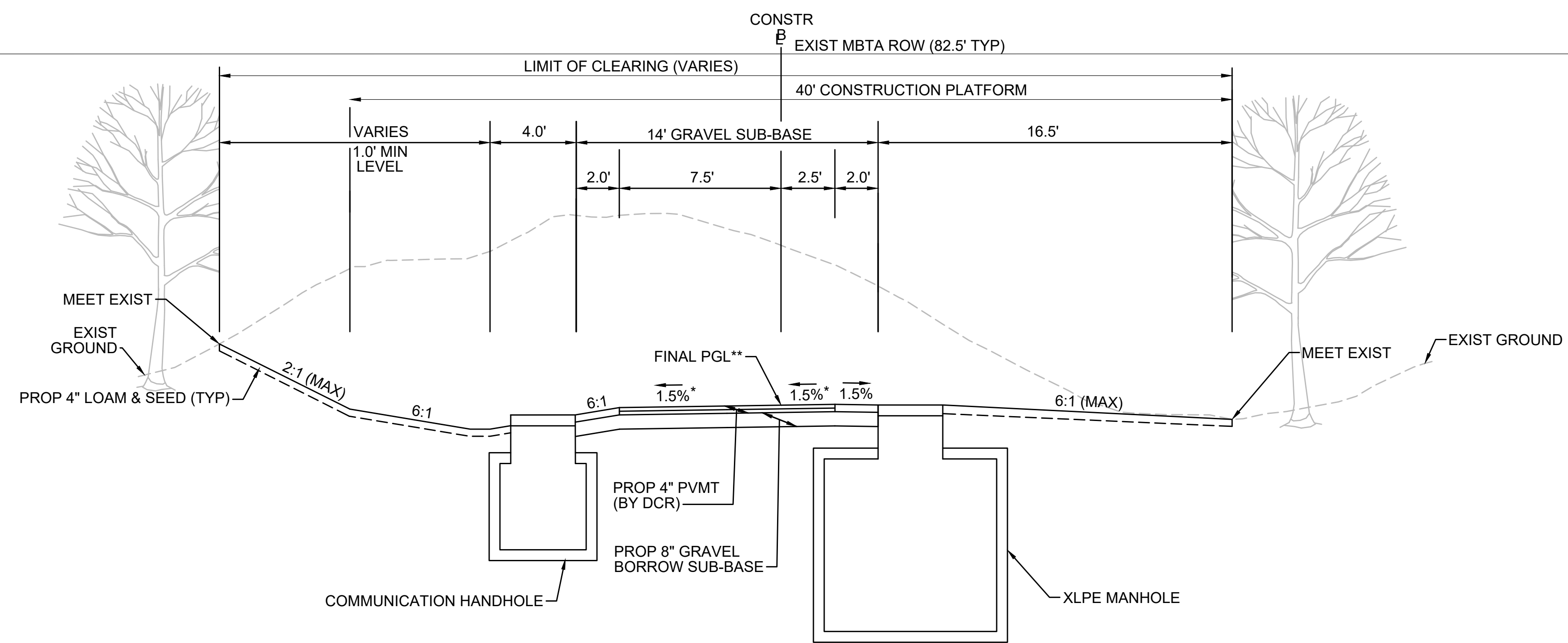
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TYPICAL SECTION - SWALE LEFT SIDE - TRANSMISSION LINE ON RIGHT

STA 101+00± TO STA 101+75±
NTS

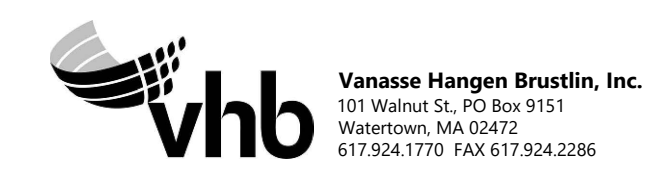
* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
SEE CROSS SECTIONS FOR MORE INFORMATION



TYPICAL SECTION - SWALE LEFT SIDE - MANHOLE ON RIGHT

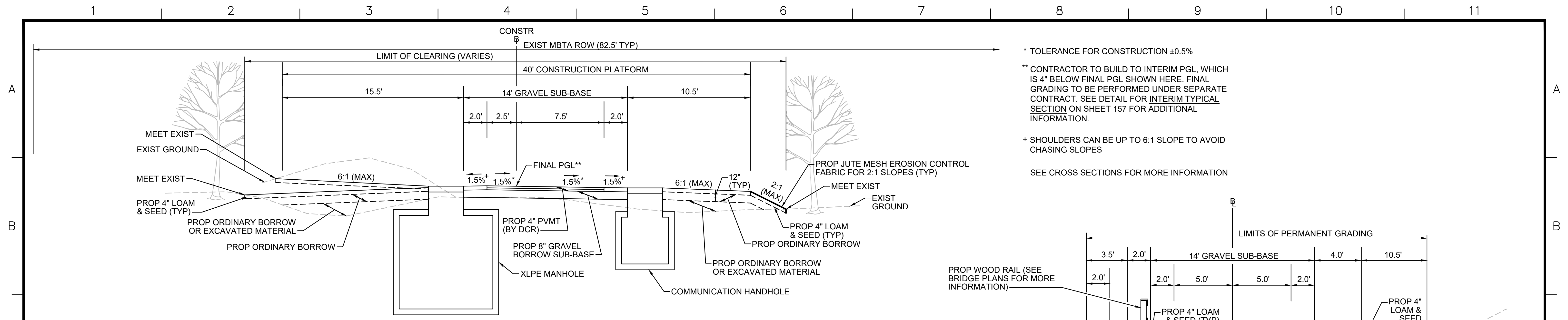
STA 101+75± TO STA 102+25±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
SEE CROSS SECTIONS FOR MORE INFORMATION



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
TYPICAL SECTIONS				
PLAN 18 OF 349				
SCALE: unless noted NTS	DATE FEB 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			

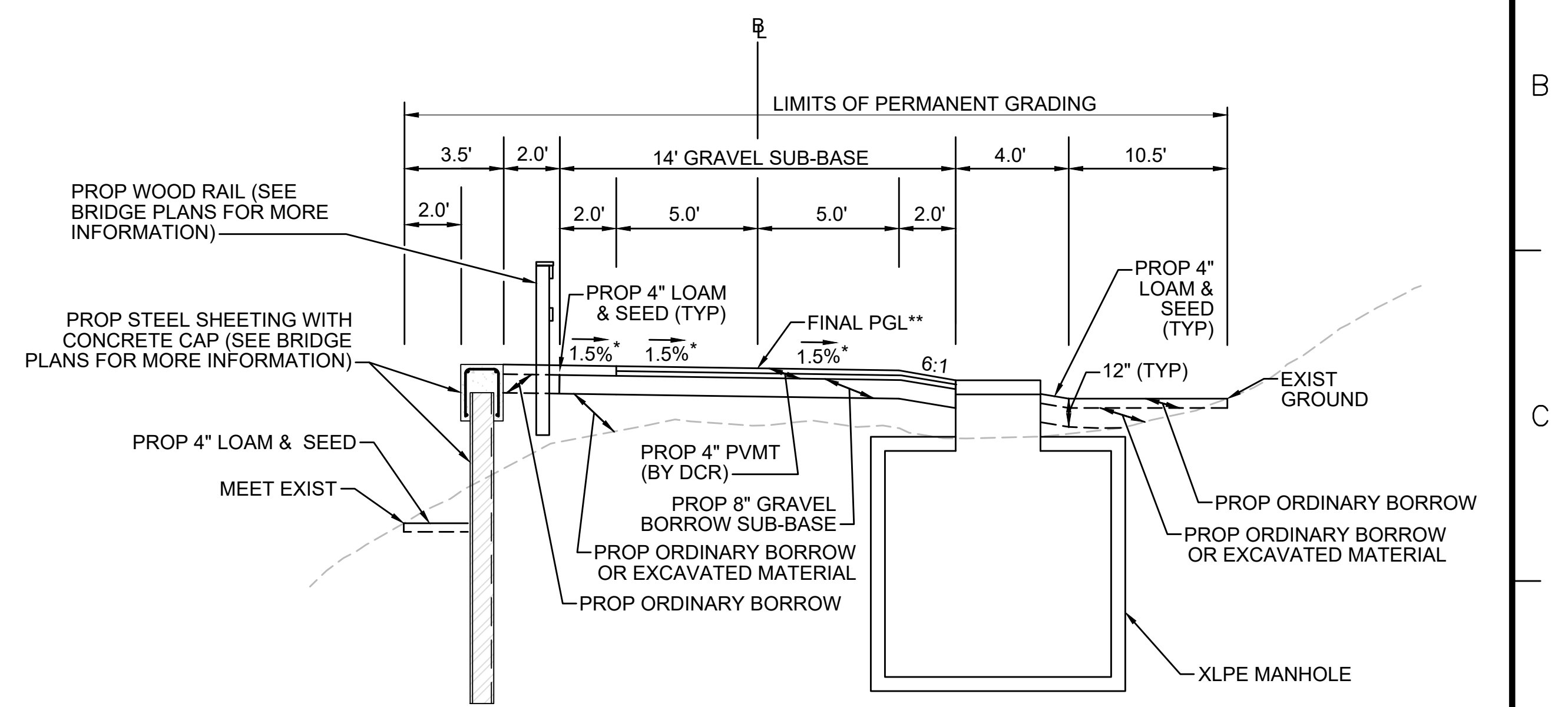
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TYPICAL SECTION - MANHOLE ON LEFT

STA 157+75± TO STA 158+25±, STA 195+75± TO STA 196+25±, STA 300+00± TO STA 300+50±, STA 335+00± TO STA 335+50±, STA 353+00± TO STA 353+50±, STA 371+00± TO STA 371+50±, STA 390+00± TO STA 390+50±, STA 519+75± TO STA 520+25±, STA 533+75± TO STA 534+25±, STA 552+75± TO STA 553+25±, STA 717+75± TO STA 718+25±, STA 752+75± TO STA 753+25± NTS

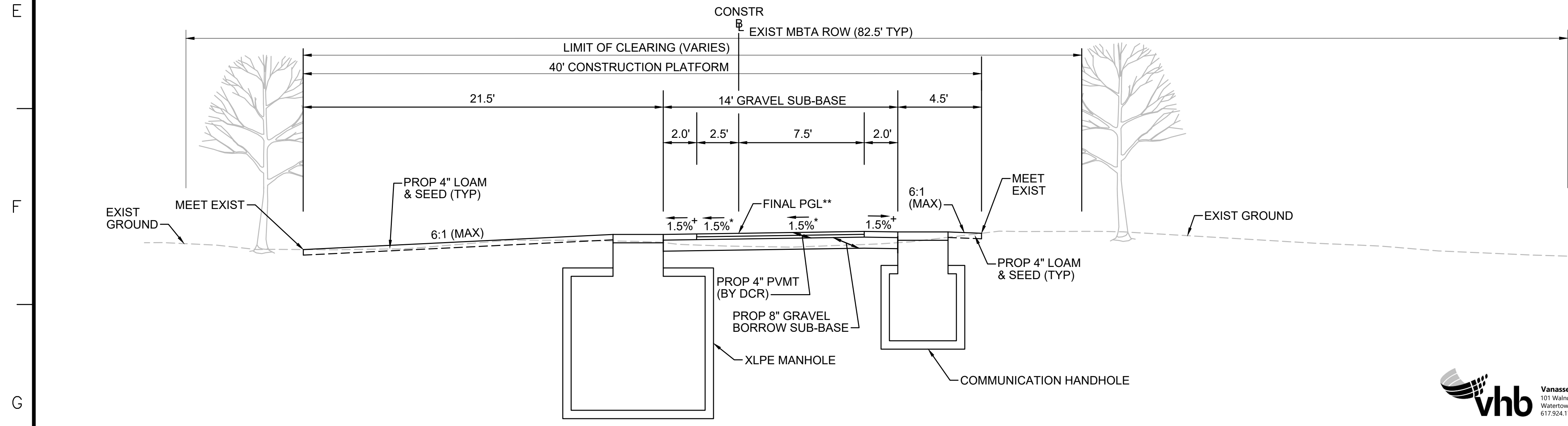
* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION



TYPICAL SECTION - SWALE RIGHT SIDE - MANHOLE ON RIGHT

STA 120+75± TO STA 121+25± NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION
 SEE SHEET 157 FOR TEMPORARY GRADING CONSTRUCTION DETAIL

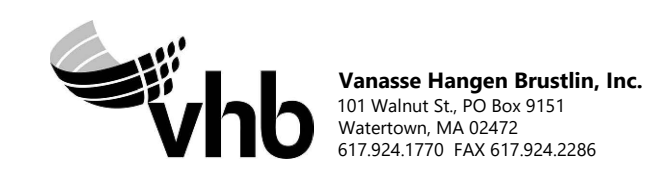


TYPICAL SECTION - MANHOLE ON LEFT - OFF-CENTER CONSTRUCTION PLATFORM

STA 601+09± TO STA 601+59± NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 + SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
 SEE CROSS SECTIONS FOR MORE INFORMATION

N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
TYPICAL SECTIONS				
PLAN 19 OF 349				
SCALE: unless noted NTS	DATE	DRAWN	CHK'D	APPR.
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DRAWING NO.	REV.			



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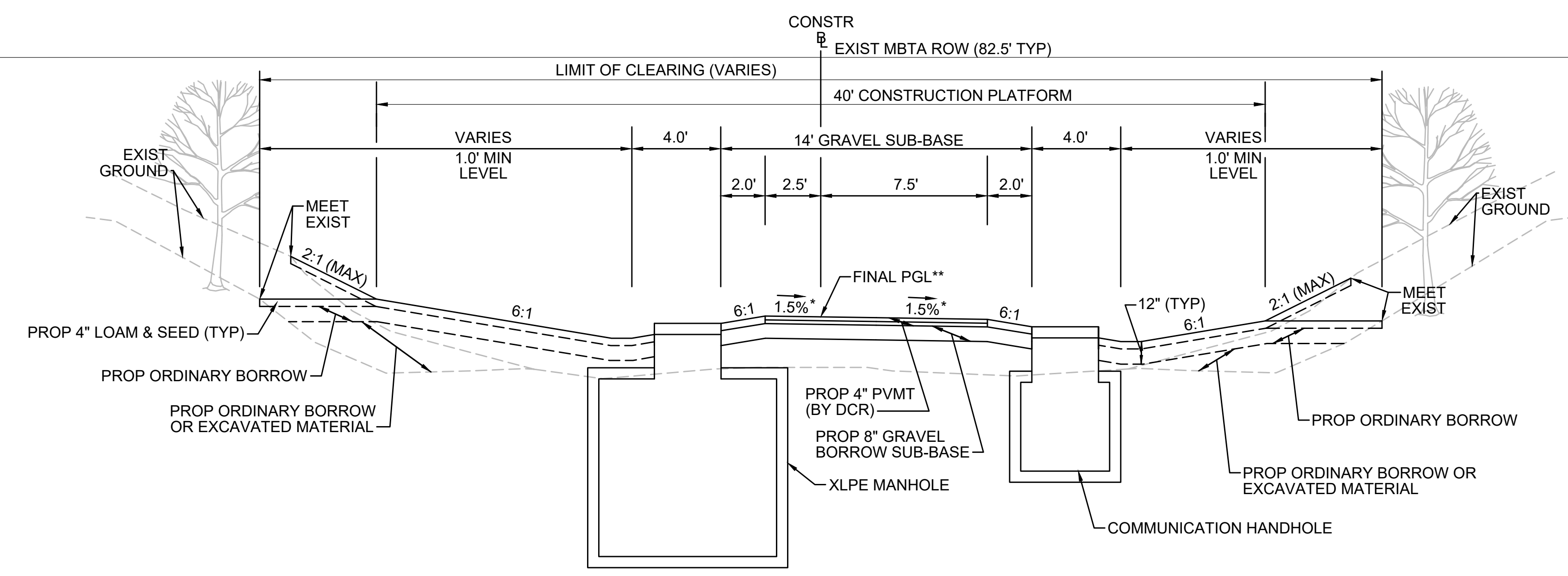
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TYPICAL SECTION - SWALE BOTH SIDES - MANHOLE ON LEFT

STA 176+75± TO STA 177+25±, STA 503+75± TO STA 504+25±, STA 571+75± TO STA 572+25±
NTS



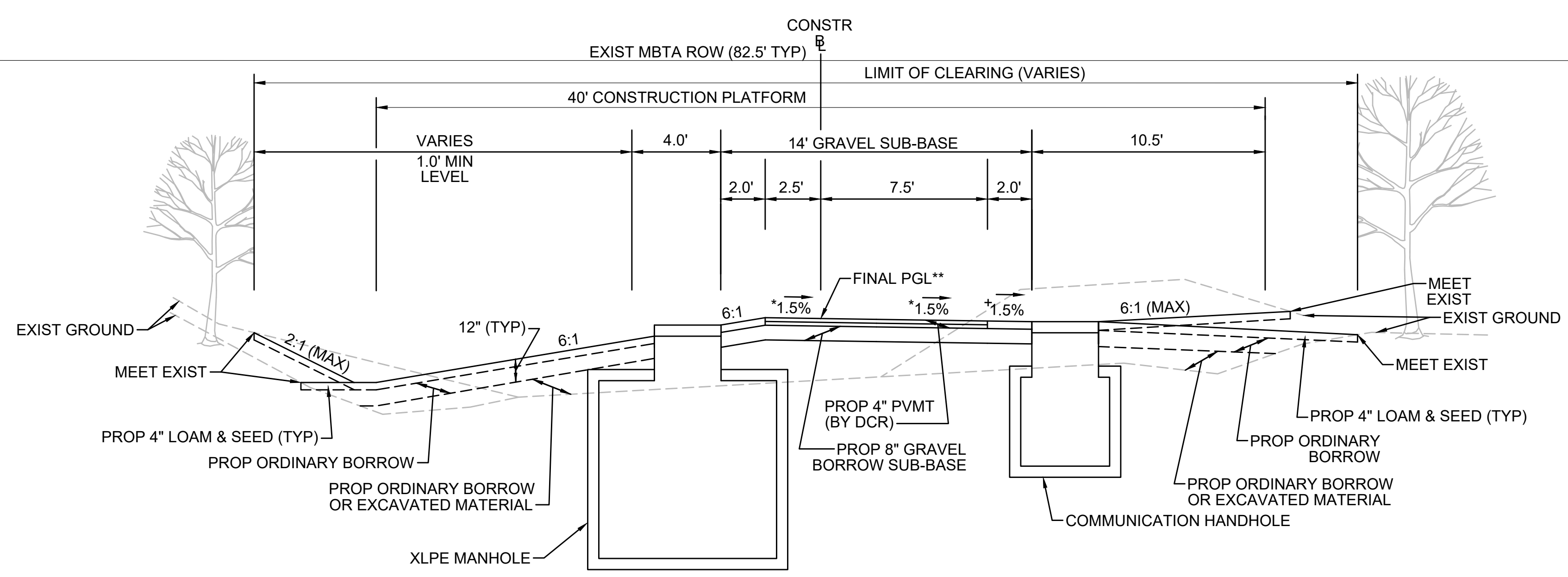
* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION

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TYPICAL SECTION - SWALE LEFT SIDE - MANHOLE ON LEFT

STA 316+00± TO STA 316+50±, STA 736+75± TO STA 737+25±
NTS



* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION

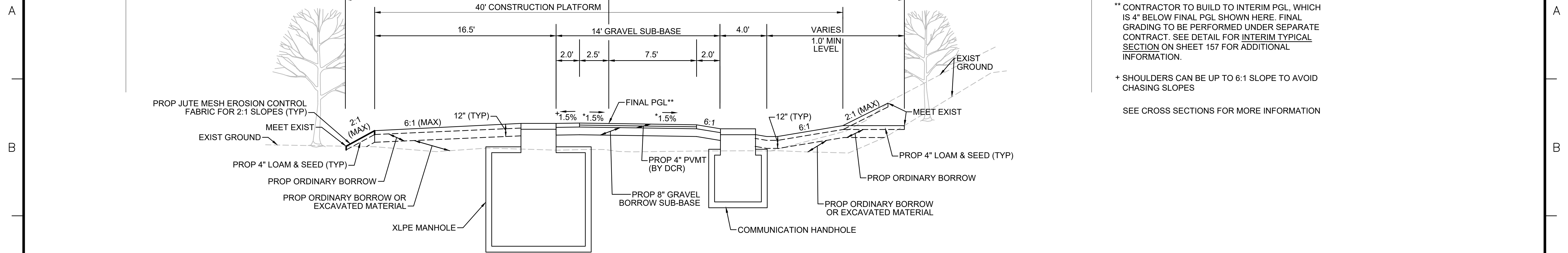
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N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
TYPICAL SECTIONS				
PLAN 20 OF 349				
SCALE: unless noted NTS	DATE FEB 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			

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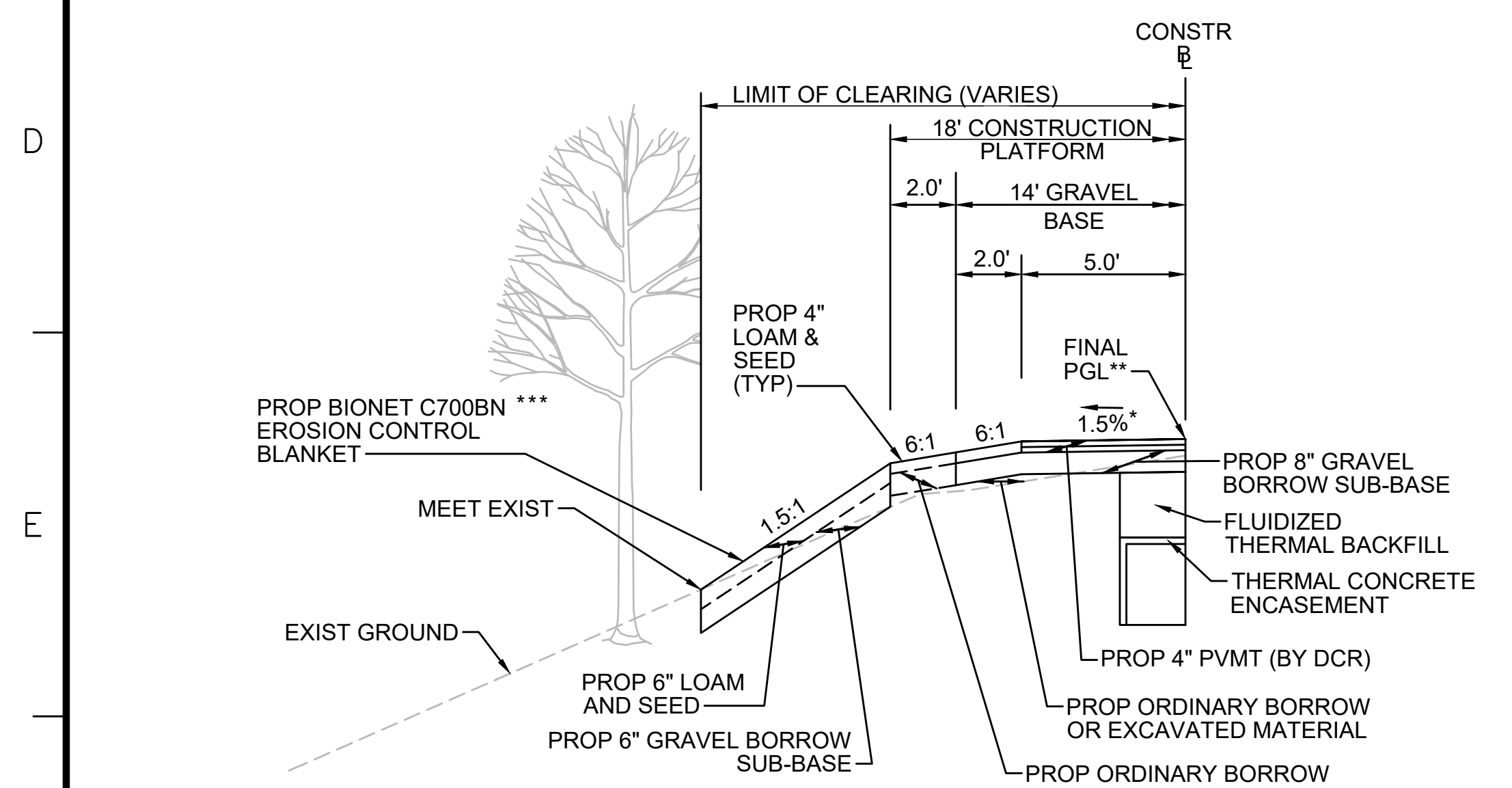
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TYPICAL SECTION - SWALE RIGHT SIDE - MANHOLE ON LEFT

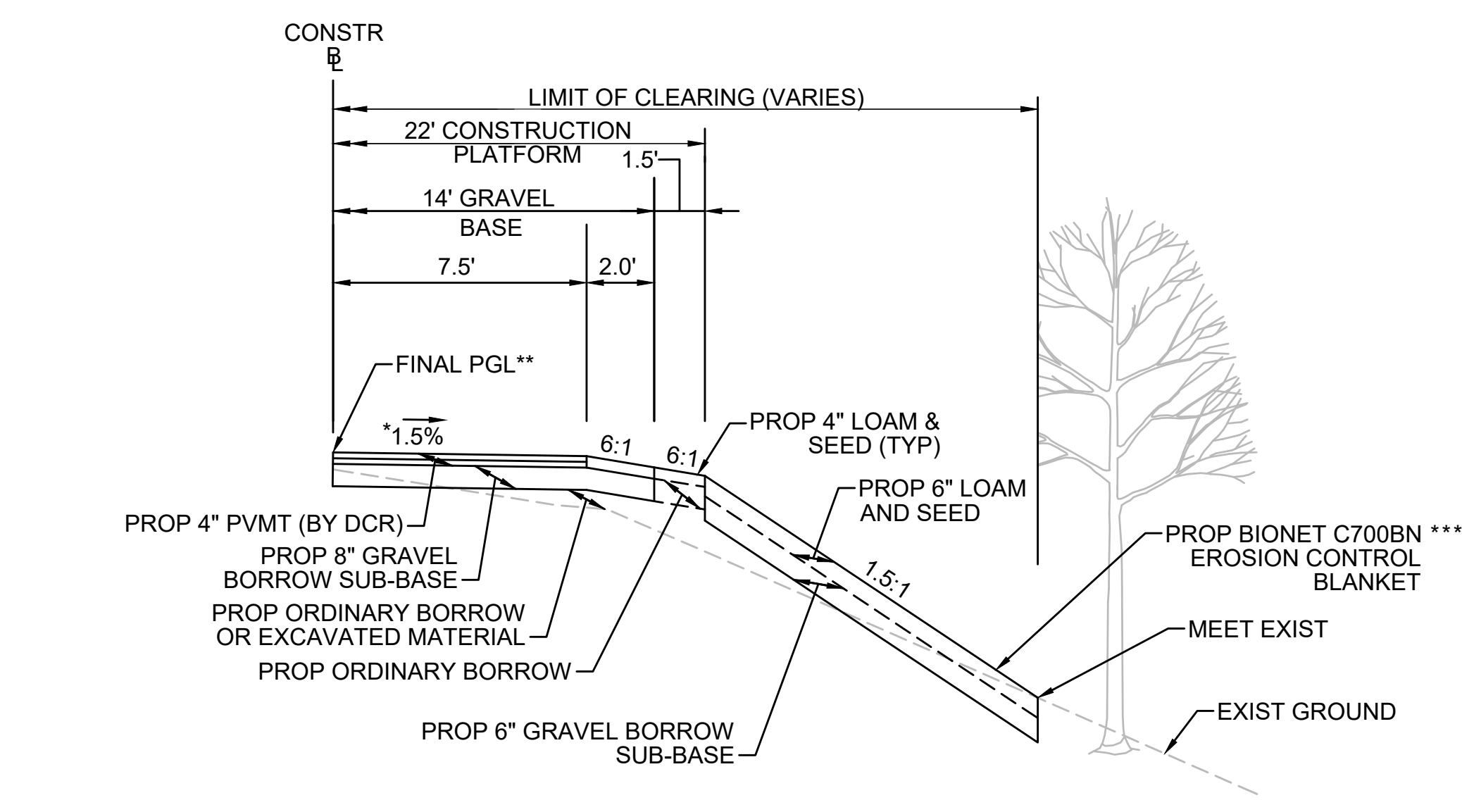
STA 404+50± TO STA 405+00±, STA 586+75± TO STA 587+25±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
+ SHOULDERS CAN BE UP TO 6:1 SLOPE TO AVOID CHASING SLOPES
SEE CROSS SECTIONS FOR MORE INFORMATION



STEEP SLOPE SECTION LT - TRANSMISSION LINE IN CENTER

STA 142+37± TO STA 142+75±, STA 747+16± TO STA 747+50±
NTS



STEEP SLOPE SECTION RT - TRANSMISSION LINE ON LEFT

STA 135+50± TO STA 138+25±
NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
*** ENGINEER TO VERIFY THAT INSTALLED EROSION CONTROL MEASURES ARE ADEQUATE FOR SLOPE STABILIZATION PRIOR TO PLACEMENT OF LOAM & SEED.
SEE CROSS SECTIONS FOR MORE INFORMATION

* TOLERANCE FOR CONSTRUCTION ±0.5%
** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
*** ENGINEER TO VERIFY THAT INSTALLED EROSION CONTROL MEASURES ARE ADEQUATE FOR SLOPE STABILIZATION PRIOR TO PLACEMENT OF LOAM & SEED.
SEE CROSS SECTIONS FOR MORE INFORMATION

N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
TYPICAL SECTIONS				
PLAN 21 OF 349				
SCALE: unless noted NTS	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			



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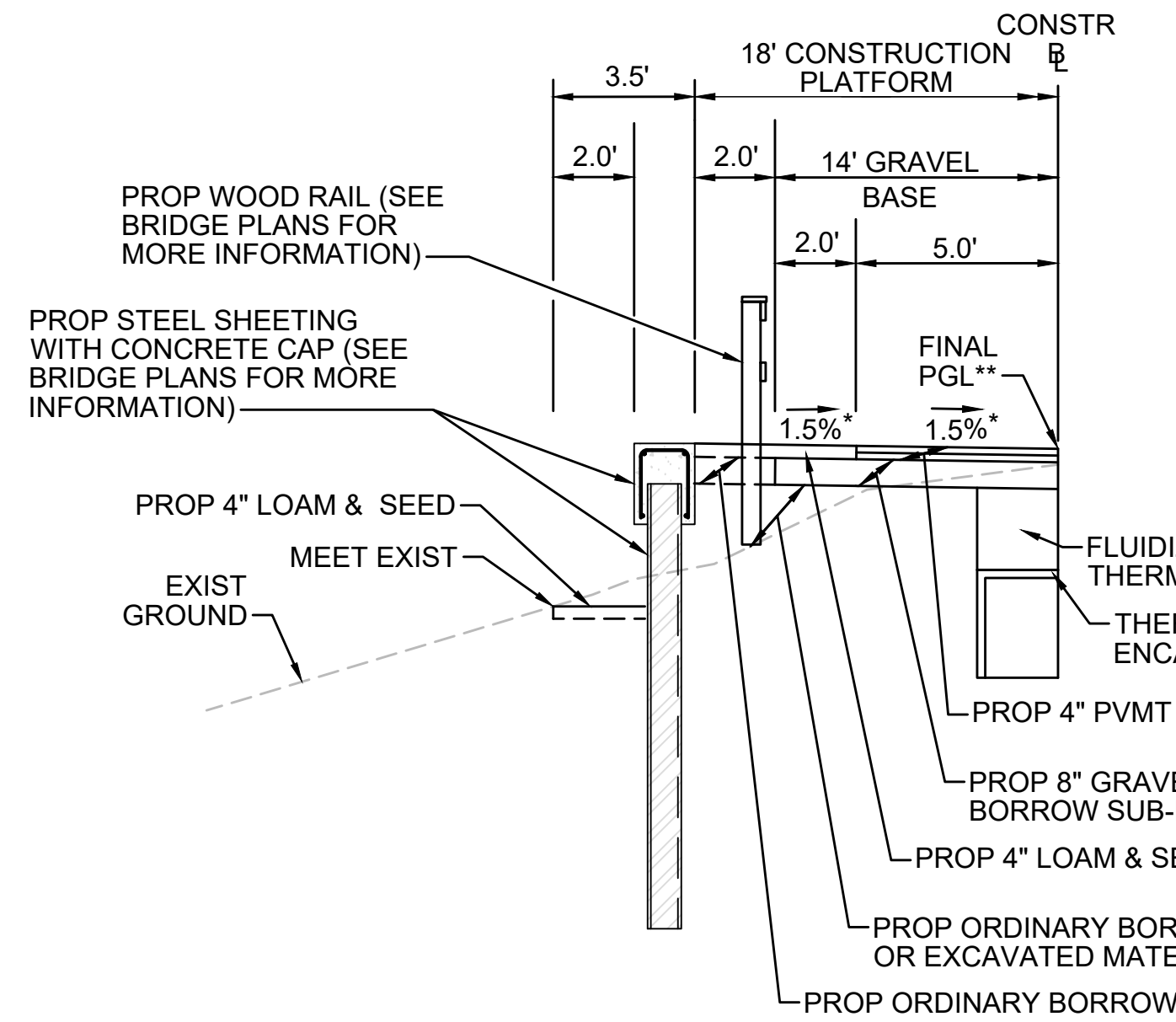
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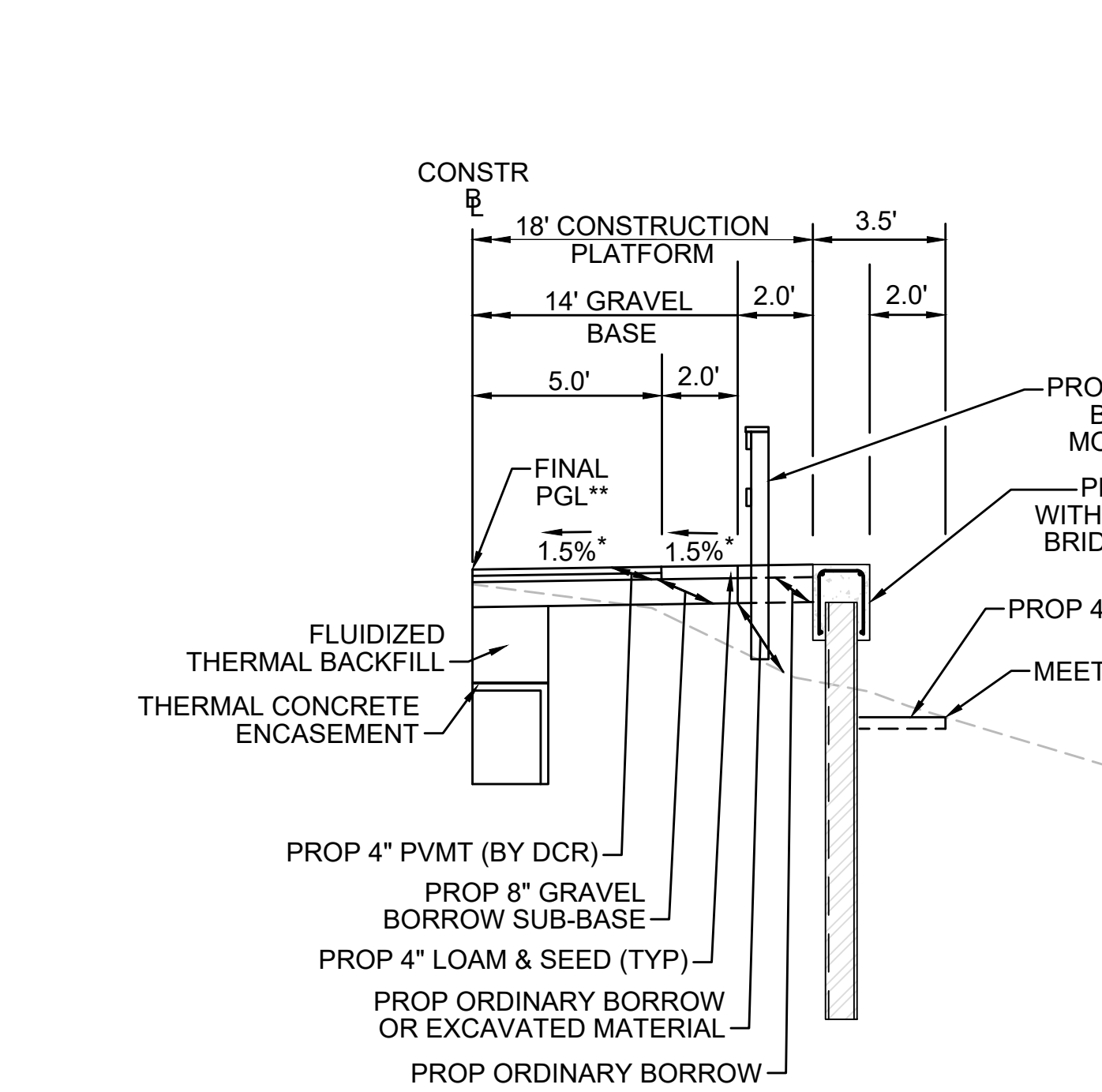
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SHEETING SECTION LT

STA 119+00± TO STA 119+38±, STA 119+52± TO STA 125+00±, STA 148+25± TO STA 148+49±, STA 149+13± TO STA 149+75±, STA 300+50± TO STA 400+07±, STA 400+58± TO STA 401+25±, STA 724+73± TO STA 725+03±, STA 725+59± TO STA 725+96± NTS

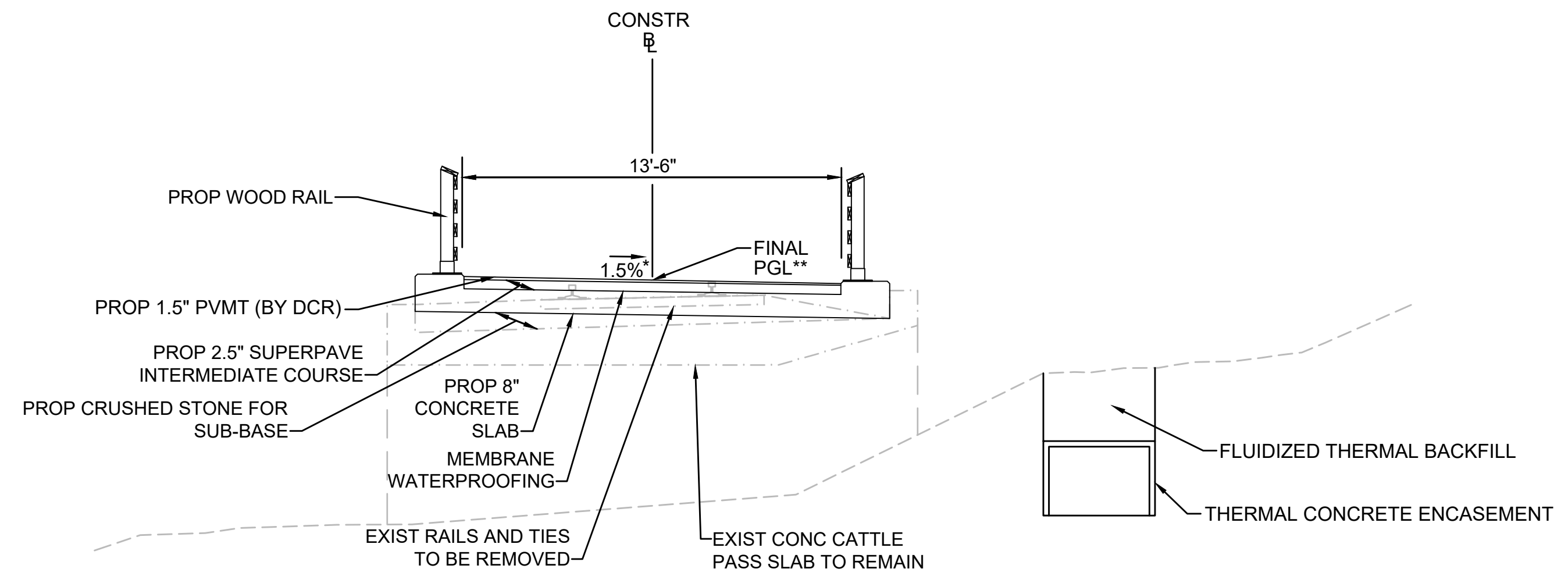
* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 SEE CROSS SECTIONS FOR MORE INFORMATION



SHEETING SECTION RT

STA 148+25± TO STA 148+49±, STA 149+13± TO STA 149+75±, STA 399+91± TO STA 400+07±, STA 400+58± TO STA 401+25±, STA 724+73± TO STA 725+03±, STA 725+59± TO STA 725+96±, STA 731+00± TO STA 734+25± NTS

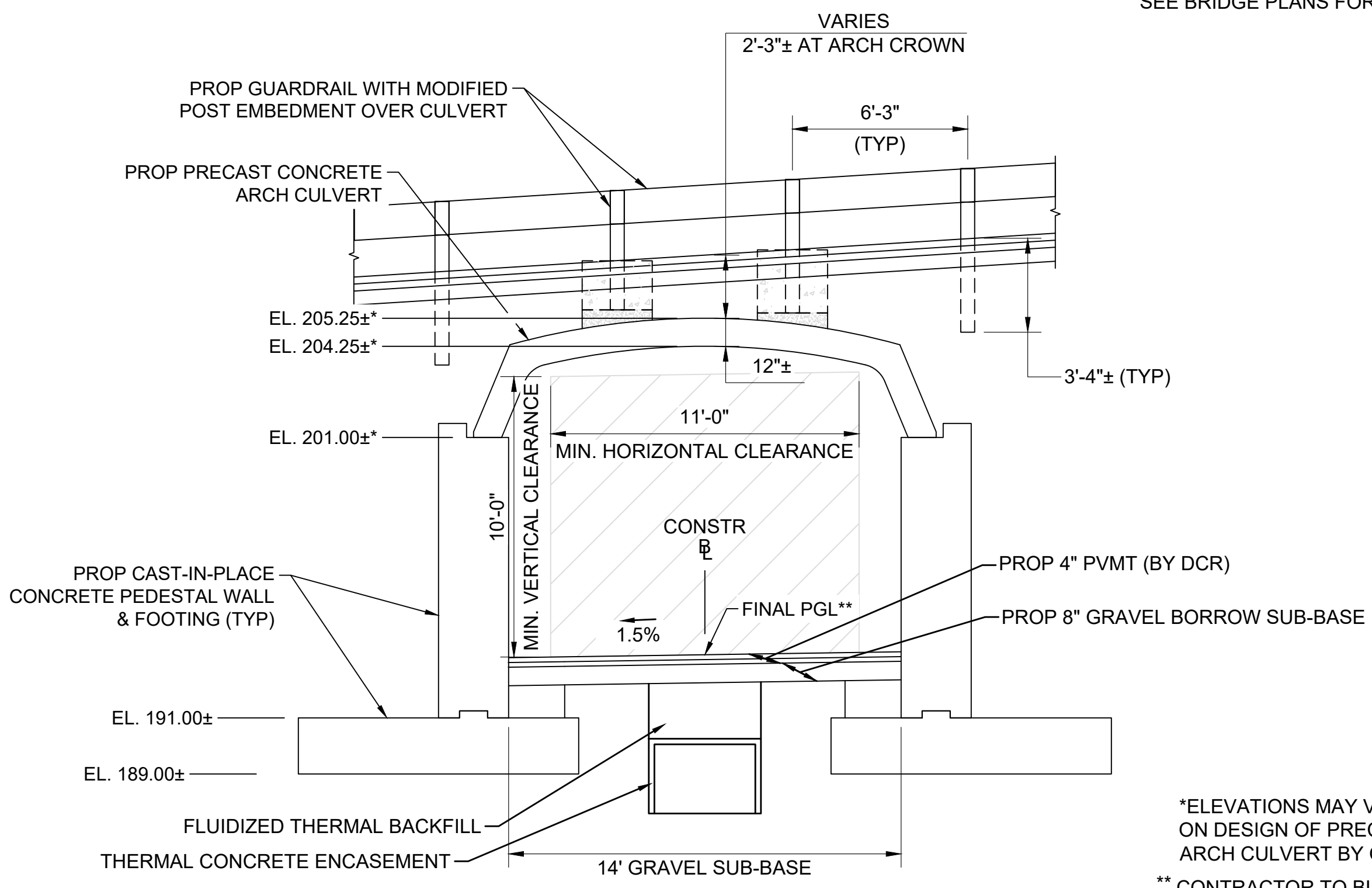
* TOLERANCE FOR CONSTRUCTION ±0.5%



CATTLE CROSSING

STA 119+38± TO STA 119+52± NTS

* TOLERANCE FOR CONSTRUCTION ±0.5%
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 1.5" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL ON SHEET 158 FOR ADDITIONAL INFORMATION.



CHESTNUT STREET CULVERT

STA 132+44± TO STA 132+84± NTS

* ELEVATIONS MAY VARY DEPENDING ON DESIGN OF PRECAST CONCRETE ARCH CULVERT BY OTHERS.
 ** CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.
 SEE BRIDGE PLANS FOR MORE INFORMATION

REVISION			
N.O.	DESCRIPTION	BY	DATE

EVERSOURCE

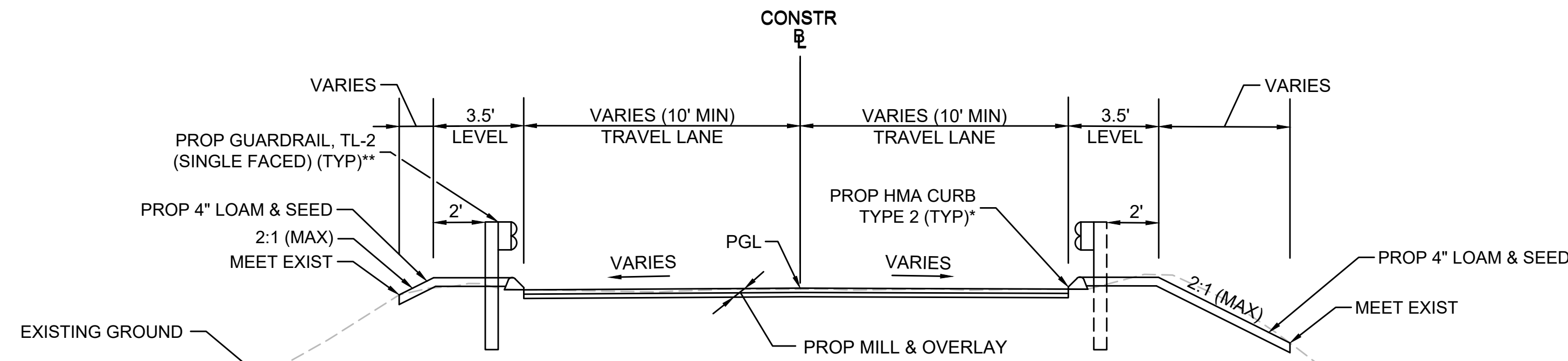
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 TYPICAL SECTIONS
 PLAN 22 OF 349

SCALE: unless noted NTS	DATE: DEC 2021	DRAWN: MS	CHK'D: SK	APP'R: MES	DRAWING NO.:	REV.:
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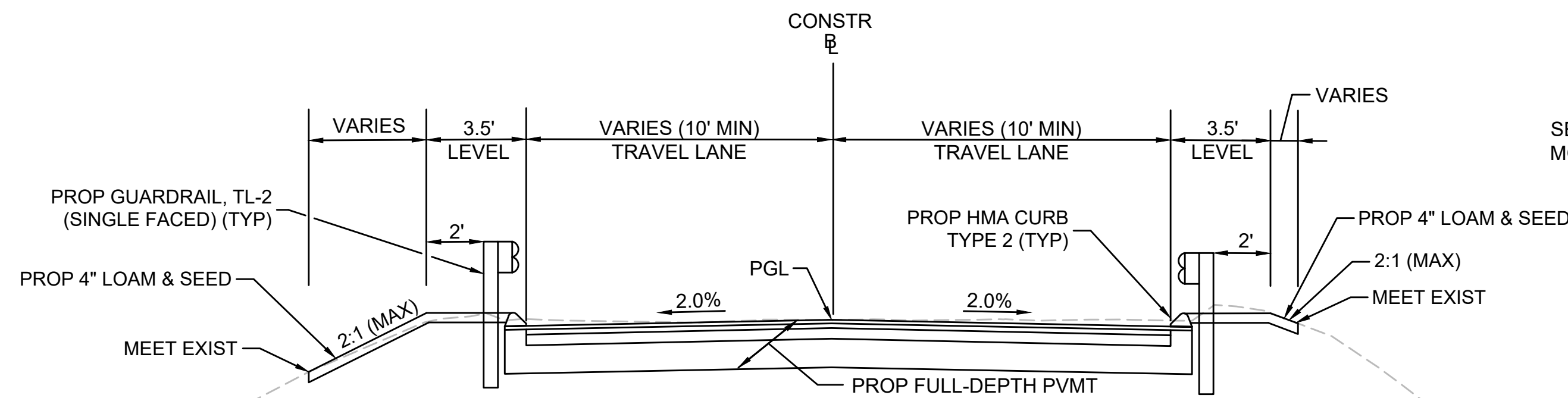
1 2 3 4 5 6 7 8 9 10 11

* FULL-DEPTH BERM PAD REQUIRED IF EXISTING PAVEMENT NOT SUITABLE
 ** TL-2 GUARDRAIL PROPOSED FROM STA 800+99 TO STA 802+12 (LT) AND STA 801+06 TO STA 802+24 (RT)
 SEE CROSS SECTIONS FOR MORE INFORMATION



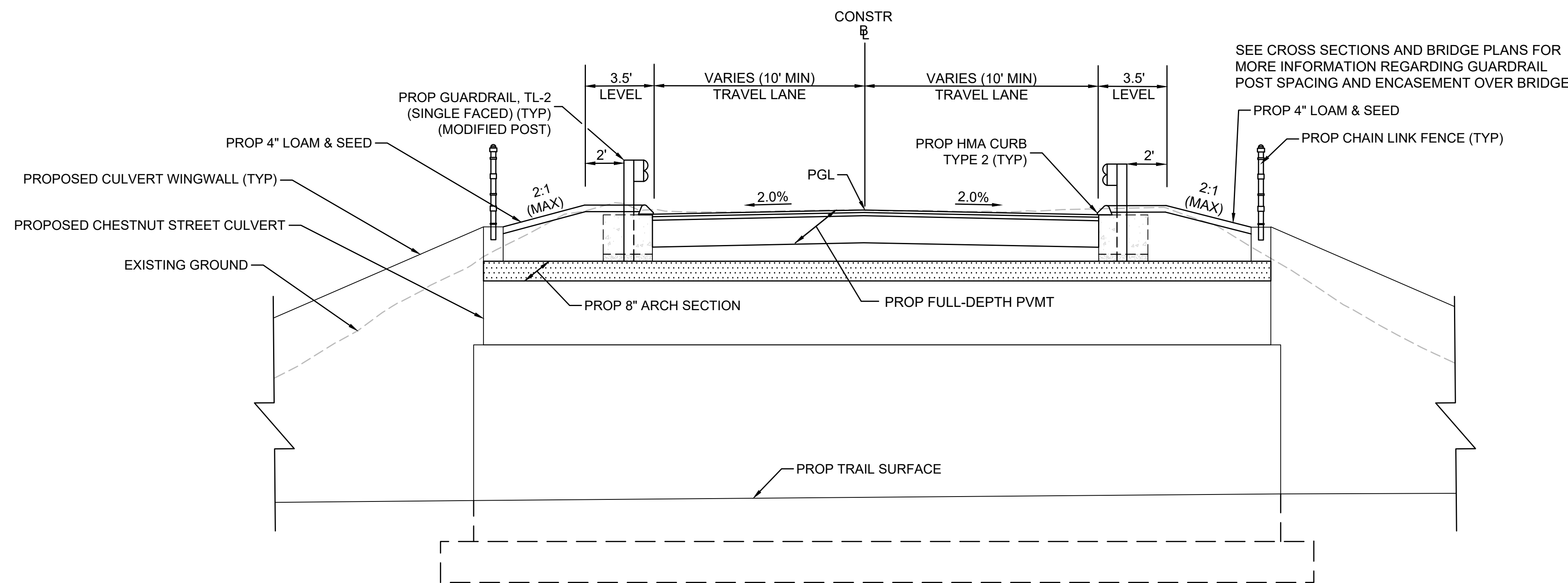
TYPICAL SECTION - CHESTNUT ST PVMT TRANSITION

STA 800+85 TO STA 801+05
 STA 801+80 TO STA 802+00
 NTS



TYPICAL SECTION - CHESTNUT ST FULL-DEPTH PVMT

STA 801+05 TO STA 801+80
 NTS



TYPICAL SECTION - CHESTNUT ST FULL-DEPTH PVMT OVER CHESTNUT STREET CULVERT

STA 801+28 TO STA 801+58
 NTS

PAVEMENT NOTES

PROPOSED FULL-DEPTH PAVEMENT

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER 1.75" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) OVER
BASE: 4.5" SUPERPAVE BASE COURSE 37.5 (SBC-37.5) OVER
SUBBASE: 4" DENSE GRADED CRUSHED STONE OVER 8" GRAVEL BORROW (TYPE b)

PROPOSED PAVEMENT MILLING & OVERLAY

SURFACE: 1.75" SUPERPAVE SURFACE COURSE 12.5 (SSC-12.5) OVER 1.75" PAVEMENT MICROMILLING

PROPOSED HOT MIX ASPHALT WALK

SURFACE: 1.25" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER 1.5" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) OVER
FOUNDATION: 8" GRAVEL BORROW (TYPE b)

PROPOSED HOT MIX ASPHALT DRIVEWAY/WALK AT DRIVEWAY

SURFACE: 1.5" SUPERPAVE SURFACE COURSE 9.5 (SSC-9.5) OVER 2" SUPERPAVE INTERMEDIATE COURSE 12.5 (SIC-12.5) OVER
FOUNDATION: 8" GRAVEL BORROW (TYPE b)

PROPOSED CEMENT CONCRETE WALK

SURFACE: 6" CEMENT CONCRETE AIR ENTRAINED 4000 PSI, 3/4", 610 OVER
FOUNDATION: 8" GRAVEL BORROW (TYPE b)

NOTES:

1. TACK COAT TO BE APPLIED AT 0.05 GAL/SY OVER SMOOTH PAVEMENT (BASE AND INTERMEDIATE COURSES) AND 0.07 GAL/SY OVER MILLED SURFACE.
2. ASPHALT EMULSION FOR TACK COAT SHALL BE (RS-1H) TO RESIST TRACKING BY HAUL VEHICLES AND BOND HMA LAYERS FOR FLEXURAL STRENGTH.
3. HMA WALKS AND DRIVEWAYS SHALL BE IN ACCORDANCE WITH SECTION 702. AND 703. AND SHALL BE 50 GYRATION MIXTURES.



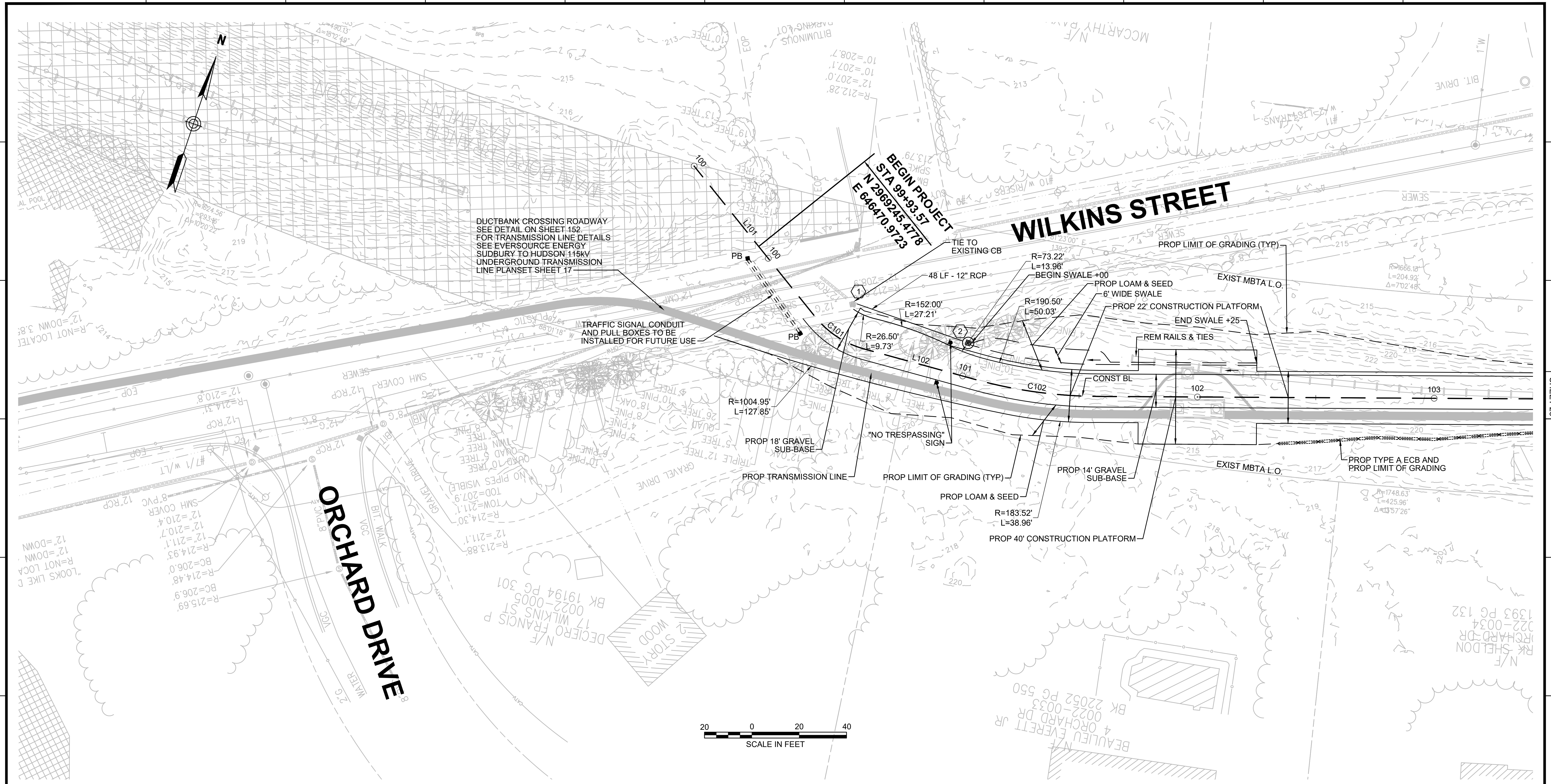
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REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
TYPICAL SECTIONS				
PLAN 23 OF 349				
SCALE: unless noted NTS	DATE: DEC 2021	DRAWN: MS	CHK'D: SK	APPR.: MES
DRAWING NO.	REV.			

1 2 3 4 5 6 7 8 9 10 11

1 2 3 4 5 6 7 8 9 10 11

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DUCTBANK CROSSING ROADWAY
SEE DETAIL ON SHEET 152
FOR TRANSMISSION LINE DETAILS
SEE EVERSOURCE ENERGY
SUDBURY TO HUDSON 115KV
UNDERGROUND TRANSMISSION
LINE PLANSET SHEET 17

TRAFFIC SIGNAL CONDUIT
AND PULL BOXES TO BE
INSTALLED FOR FUTURE USE

BEGIN PROJECT
STA 99+93.57
N 2969225.478
E 646470.9723

WILKINS STREET

ORCHARD DRIVE

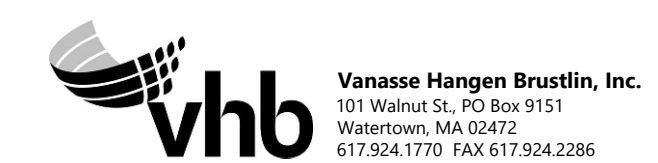


NOTE:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).

DRAINAGE STRUCTURE TABLE

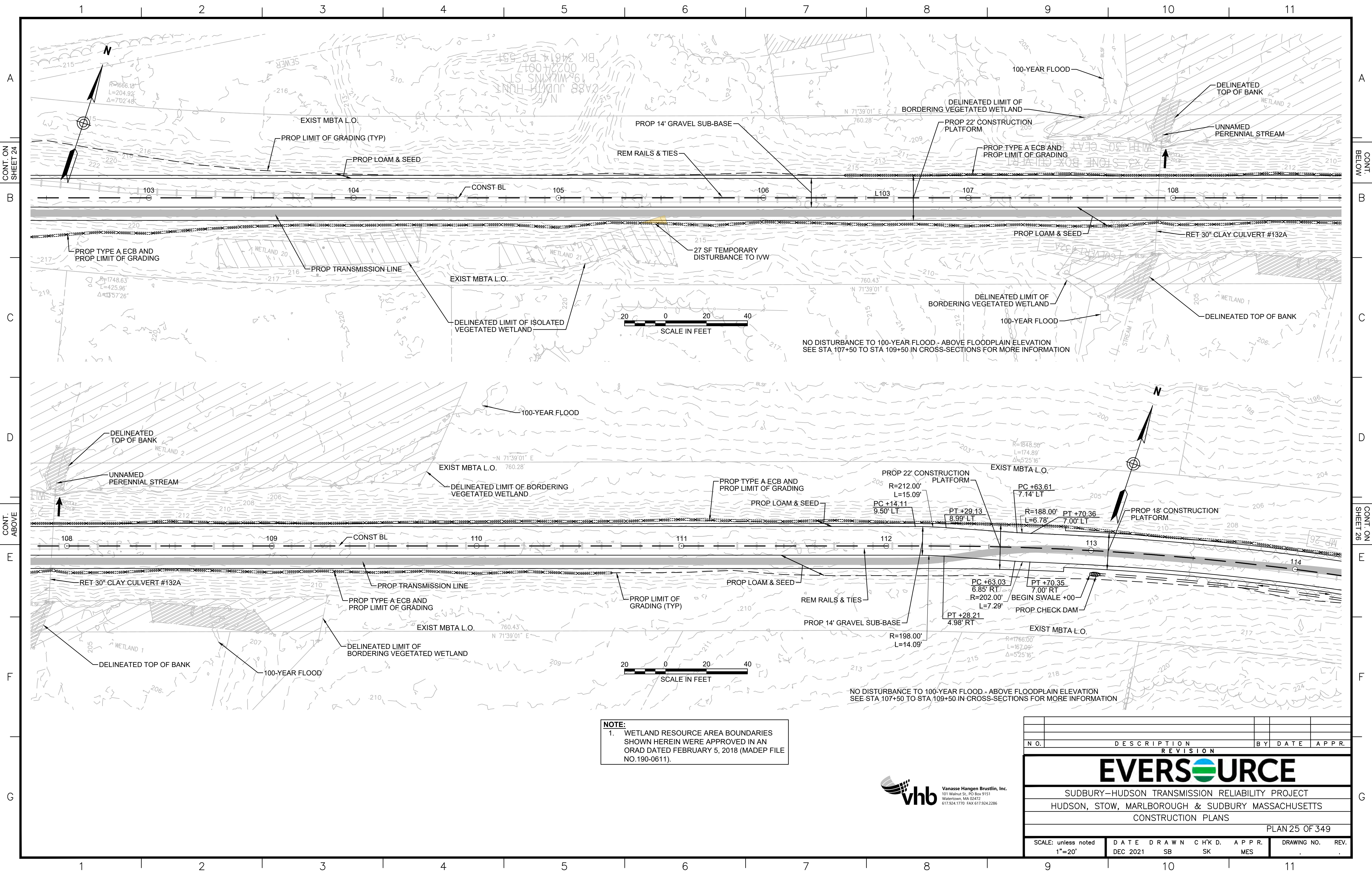
NO.	TYPE	STATION	RIM ELEV.	INV. IN	INV. OUT	REMARKS
1	EX CB	STA 100+39, 15.5' LT	212.68 (EX)	209.00' (2)	208.9' (EX)	
2	SHALLOW CB	STA 100+99, 14.1' LT	212.55		209.60'	SEE CONSTRUCTION DETAIL ON SHEET 156

NO.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION PLANS				
PLAN 24 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			



CONT. ON SHEET 25

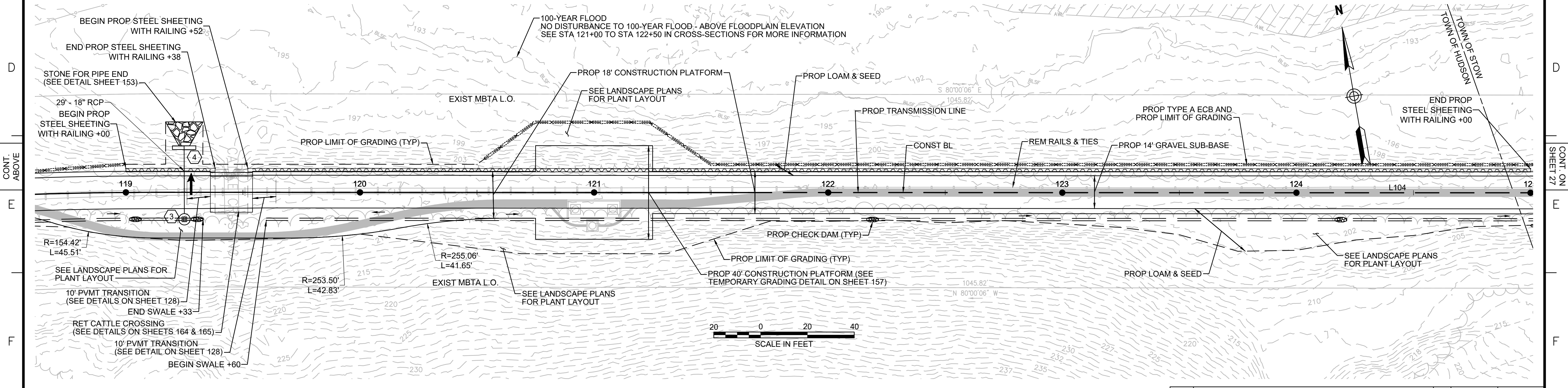
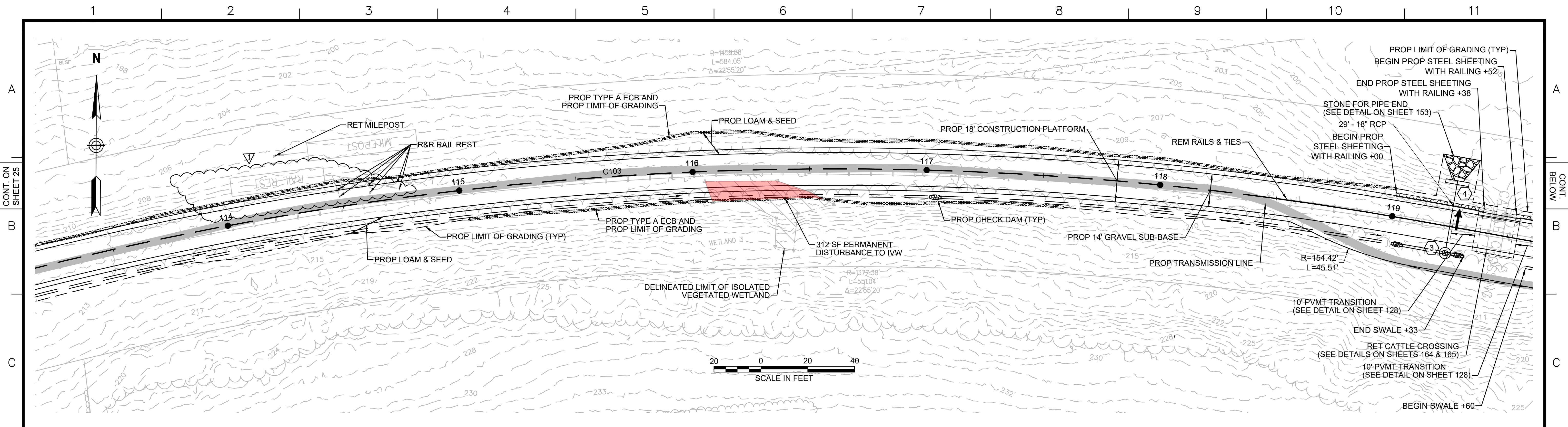
1 2 3 4 5 6 7 8 9 10 11



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 25 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN SB	CHK'D. SK	APPR. MES	DRAWING NO. REV.

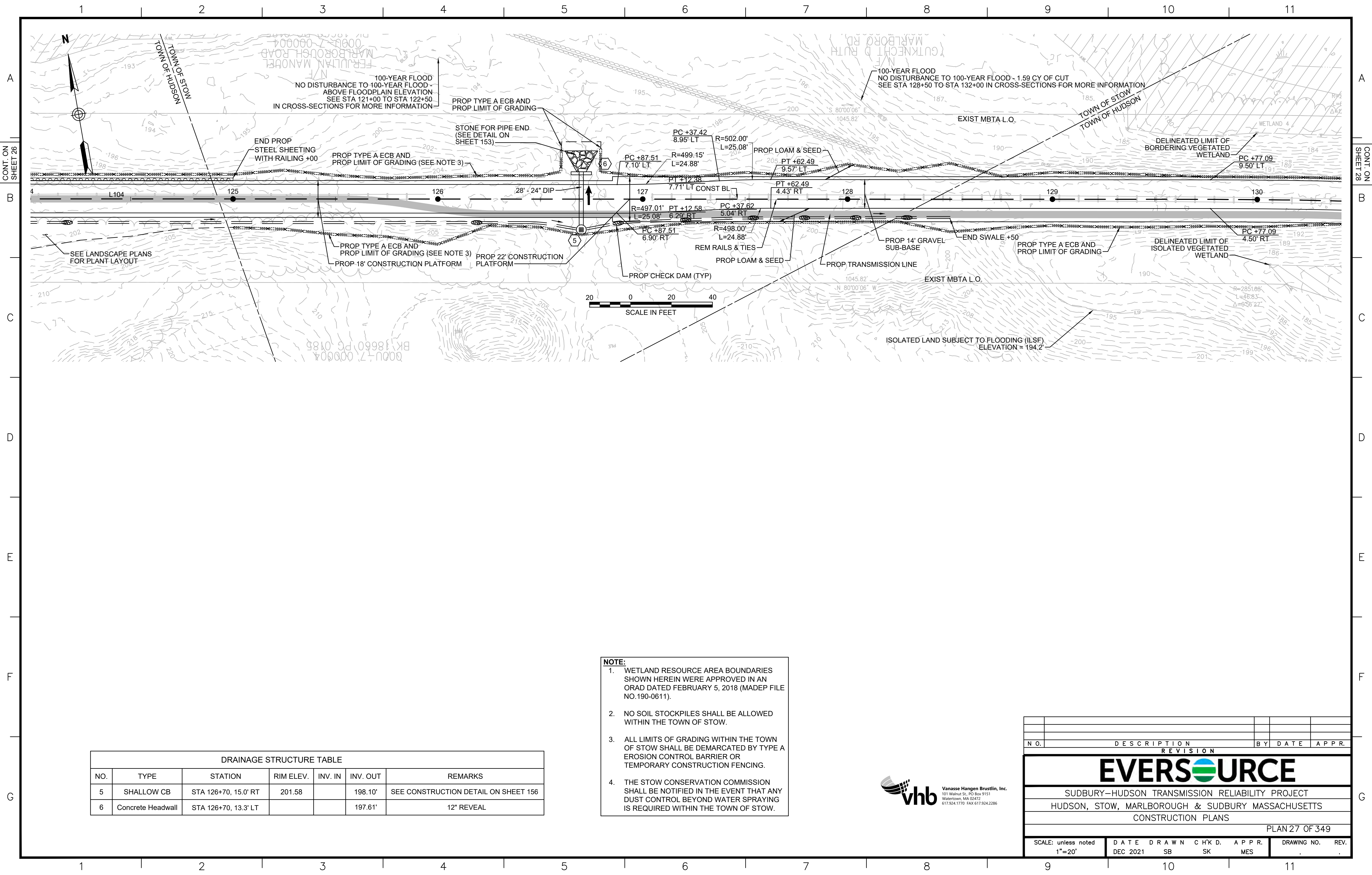


NO.	TYPE	STATION	RIM ELEV.	INV. IN	INV. OUT	REMARKS
3	Leaching Catch Basin	STA 119+25, 11.5' RT	207.24		199.17'	CONTRACTOR TO PROVIDE
4	Concrete Headwall	STA 119+25, 19.1' LT			197.91'	12" REVEAL

NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



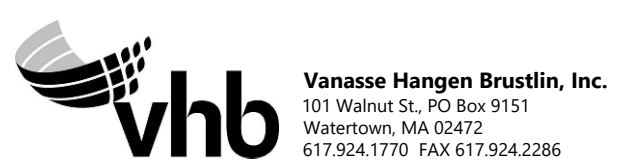
1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 26 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN SB	CHK'D. SK	APPR. MES	DRAWING NO. REV.



DRAINAGE STRUCTURE TABLE

NO.	TYPE	STATION	RIM ELEV.	INV. IN	INV. OUT	REMARKS
5	SHALLOW CB	STA 126+70, 15.0' RT	201.58		198.10'	SEE CONSTRUCTION DETAIL ON SHEET 156
6	Concrete Headwall	STA 126+70, 13.3' LT			197.61'	12" REVEAL

- NOTE:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. NO SOIL STOCKPILES SHALL BE ALLOWED WITHIN THE TOWN OF STOW.
 3. ALL LIMITS OF GRADING WITHIN THE TOWN OF STOW SHALL BE DEMARCATED BY TYPE A EROSION CONTROL BARRIER OR TEMPORARY CONSTRUCTION FENCING.
 4. THE STOW CONSERVATION COMMISSION SHALL BE NOTIFIED IN THE EVENT THAT ANY DUST CONTROL BEYOND WATER SPRAYING IS REQUIRED WITHIN THE TOWN OF STOW.



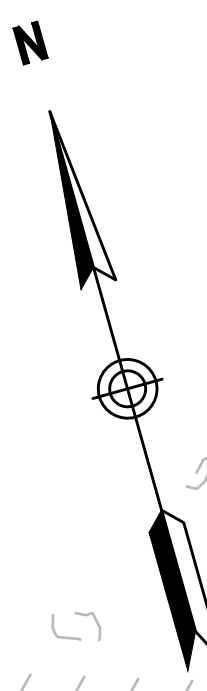
NO.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION PLANS				
PLAN 27 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN SB	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			

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1 2 3 4 5 6 7 8 9 10 11



TOWN OF STOW
TOWN OF HUDSON

NO FILL IN 100-YEAR FLOOD - 1.59 CY OF CUT
SEE STA 128+50 TO STA 132+00 IN CROSS-SECTIONS FOR MORE INFORMATION

100-YEAR FLOOD

R&R R5-1 (SEE NOTE 3)

R&R R5-1 (SEE NOTE 3)

REM HMA CURB, REGRADE AREA TO BE FLUSH WITH ADJACENT ROADWAYS, AND PLACE 4" COMPACTED GRAVEL (SEE NOTE 3)

R&R R6-1R (SEE NOTE 3)

N/F
KAME ALDEN
CHESTNUT ST
0023-0028
BK 22184 PG 010

N/F
YLK REALTY TRUST
CHESTNUT ST
0023-0022
BK 32220 PG 436

N/F
GUTKNECHT D RUTH
MARLBORO RD
41161 PG 408

MEET EXIST PVMT & CURB +85
PROP 20' PVMT TRANSITION

ADJ OR REMOD EXIST CB
TRANSITION TO NCHRP 350

ADJ OR REMOD EXIST CB
GUARDRAIL TANGENT
END TREATMENT, TL-2

PROP CONSTRUCTION FENCE
WITH "NO TRESPASSING" SIGN
(PLACEMENT TO BE CONFIRMED
BY ARCHEOLOGIST AFTER
INSTALLATION)

132+63.92 1-SUBBURY-HUDSON-ACCESS-ROAD-
801+43.67 CHESTNUT-STREET

PROP CHESTNUT
STREET UNDERPASS
H-25-011

RELOCATE OR ABAN
GAS LINE (BO)

PROP GEOTEXTILE
FABRIC (SEE NOTE 2)

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

PC +77.09
9.50' LT

PROP 22' CONSTRUCTION PLATFORM

PCC +35.62
9.50' LT

PT +48.54
9.13' LT

PT +95.76
7.00' LT

PROP LOAM & SEED

PC +24.65
7.00' LT

PT +57.89
6.11' LT

R=488.00'
L=18.49'

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

PT +47.74
4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
L=32.42'

PT +57.15
7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

REM RAILS
& TIES

PROP TRANSMISSION LINE

PT +47.74
4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
L=32.42'

PT +57.15
7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

PT +47.74
4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
L=32.42'

PT +57.15
7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

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4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
L=32.42'

PT +57.15
7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

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4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
L=32.42'

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PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

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4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

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7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
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4.84' RT

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7.00' RT

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7.00' RT

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PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

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PC +81.80
9.07' RT

R=502.00'
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PRC +00.87
9.50' RT

PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

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4.50' RT

PT +47.74
4.84' RT

PT +95.76
7.00' RT

PC +24.65
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PRC +00.87
9.50' RT

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
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PT +95.76
7.00' RT

PC +24.65
7.00' RT

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PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

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4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
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PRC +00.87
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PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

PT +47.74
4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
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PT +57.15
7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
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PC +77.09
4.50' RT

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PCC +35.62
4.50' RT

PT +47.74
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7.00' RT

PC +24.65
7.00' RT

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PC +81.80
9.07' RT

R=502.00'
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PRC +00.87
9.50' RT

PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
4.50' RT

PT +47.74
4.84' RT

PT +95.76
7.00' RT

PC +24.65
7.00' RT

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L=32.42'

PT +57.15
7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

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PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

PCC +35.62
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PT +95.76
7.00' RT

PC +24.65
7.00' RT

R=498.00'
L=32.42'

PT +57.15
7.87' RT

PC +81.80
9.07' RT

R=502.00'
L=19.02'

PRC +00.87
9.50' RT

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

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PCC +35.62
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7.00' RT

PC +24.65
7.00' RT

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PC +81.80
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R=502.00'
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PRC +00.87
9.50' RT

PC +77.09
4.50' RT

PROP TYPE A ECB AND
PROP LIMIT OF GRADING

PROP TRANSMISSION LINE

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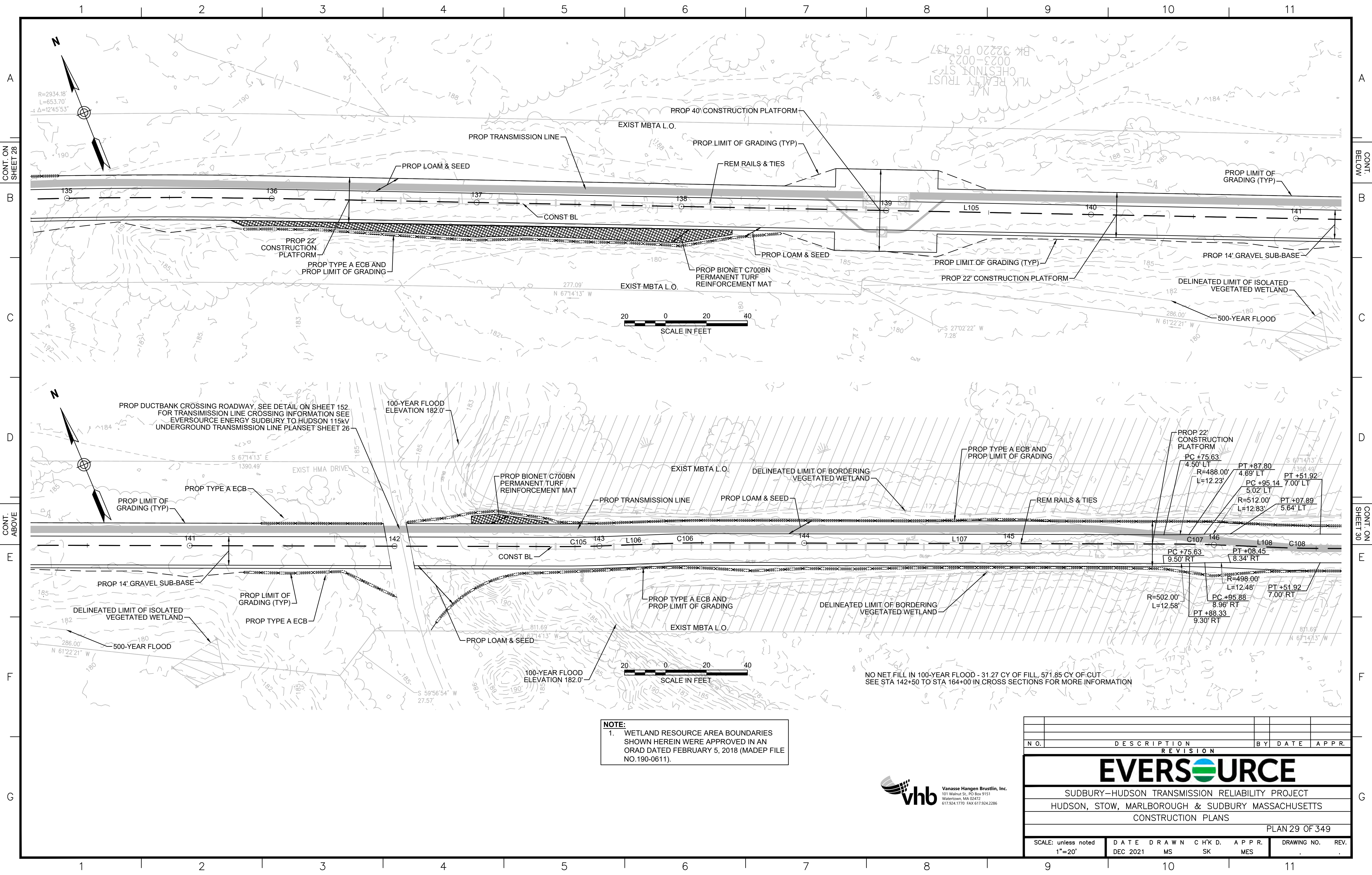
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PC +81.80
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R=502.00'
L=19.02'

PRC +00.87
9.50' RT



CONT. ON SHEET 28

CONT. BELOW

CONT. ABOVE

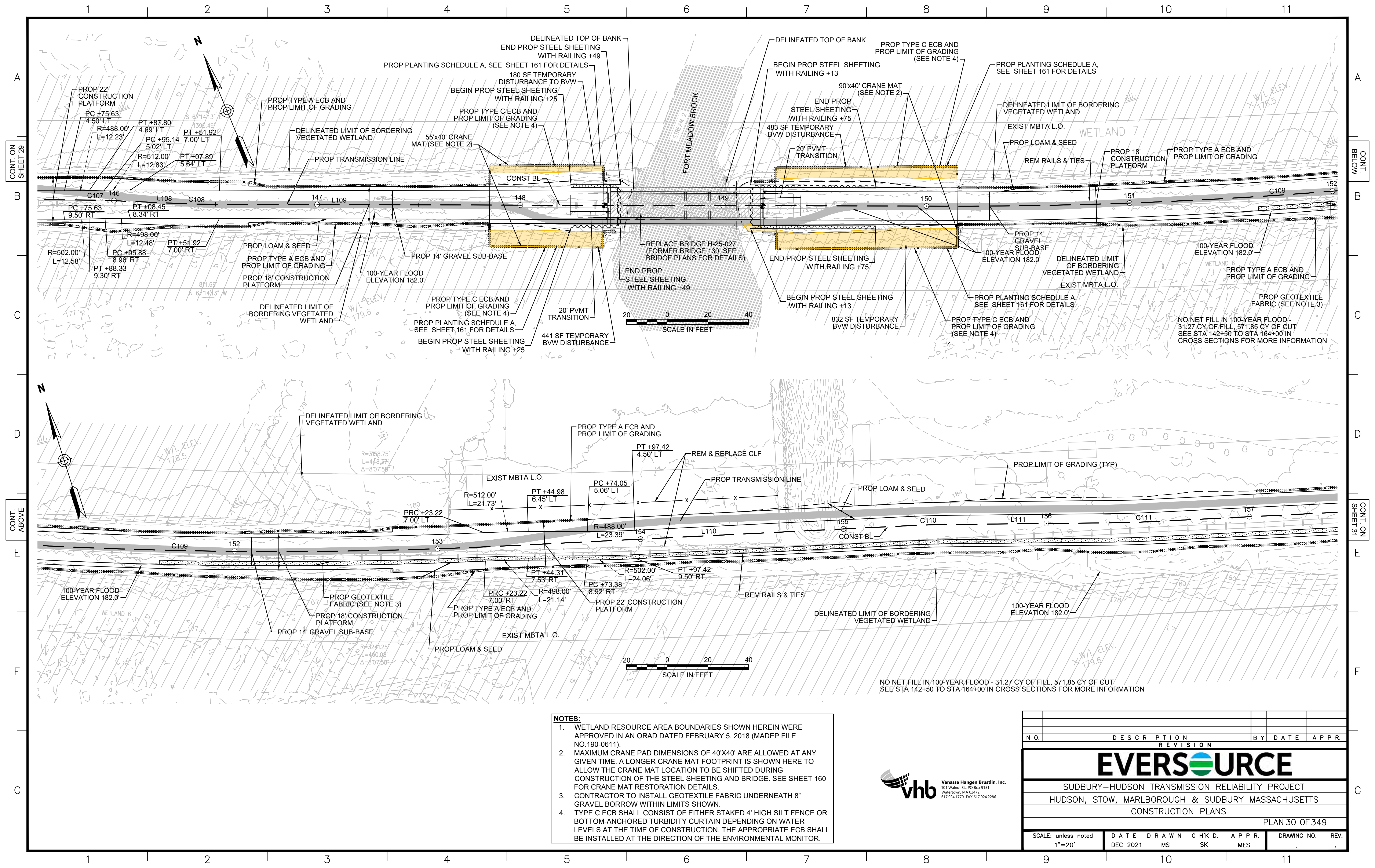
CONT. ON SHEET 30

NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).

NO NET FILL IN 100-YEAR FLOOD - 31.27 CY OF FILL, 571.85 CY OF CUT - SEE STA 142+50 TO STA 164+00 IN CROSS SECTIONS FOR MORE INFORMATION



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 29 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO.
	DEC 2021	MS	SK	MES	



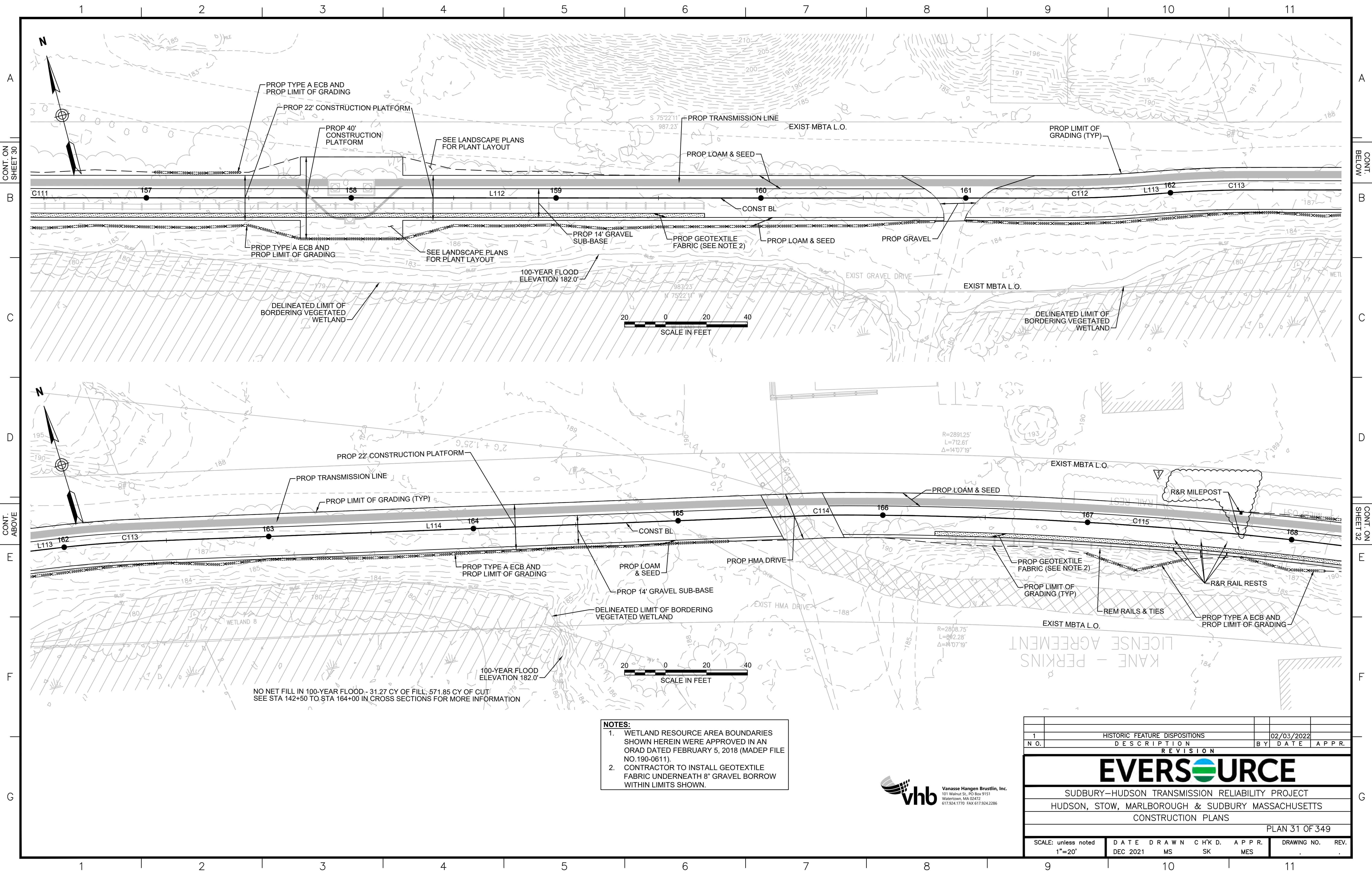
- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. MAXIMUM CRANE PAD DIMENSIONS OF 40'X40' ARE ALLOWED AT ANY GIVEN TIME. A LONGER CRANE MAT FOOTPRINT IS SHOWN HERE TO ALLOW THE CRANE MAT LOCATION TO BE SHIFTED DURING CONSTRUCTION OF THE STEEL SHEETING AND BRIDGE. SEE SHEET 160 FOR CRANE MAT RESTORATION DETAILS.
 3. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.
 4. TYPE C ECB SHALL CONSIST OF EITHER STAKED 4' HIGH SILT FENCE OR BOTTOM-ANCHORED TURBIDITY CURTAIN DEPENDING ON WATER LEVELS AT THE TIME OF CONSTRUCTION. THE APPROPRIATE ECB SHALL BE INSTALLED AT THE DIRECTION OF THE ENVIRONMENTAL MONITOR.



REVISION			
N.O.	DESCRIPTION	BY DATE	APPR.
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 30 OF 349			
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	DRAWING NO. REV.

NO NET FILL IN 100-YEAR FLOOD - 31.27 CY OF FILL, 571.85 CY OF CUT
SEE STA 142+50 TO STA 164+00 IN CROSS SECTIONS FOR MORE INFORMATION





CONT. ON SHEET 30

CONT. BELOW

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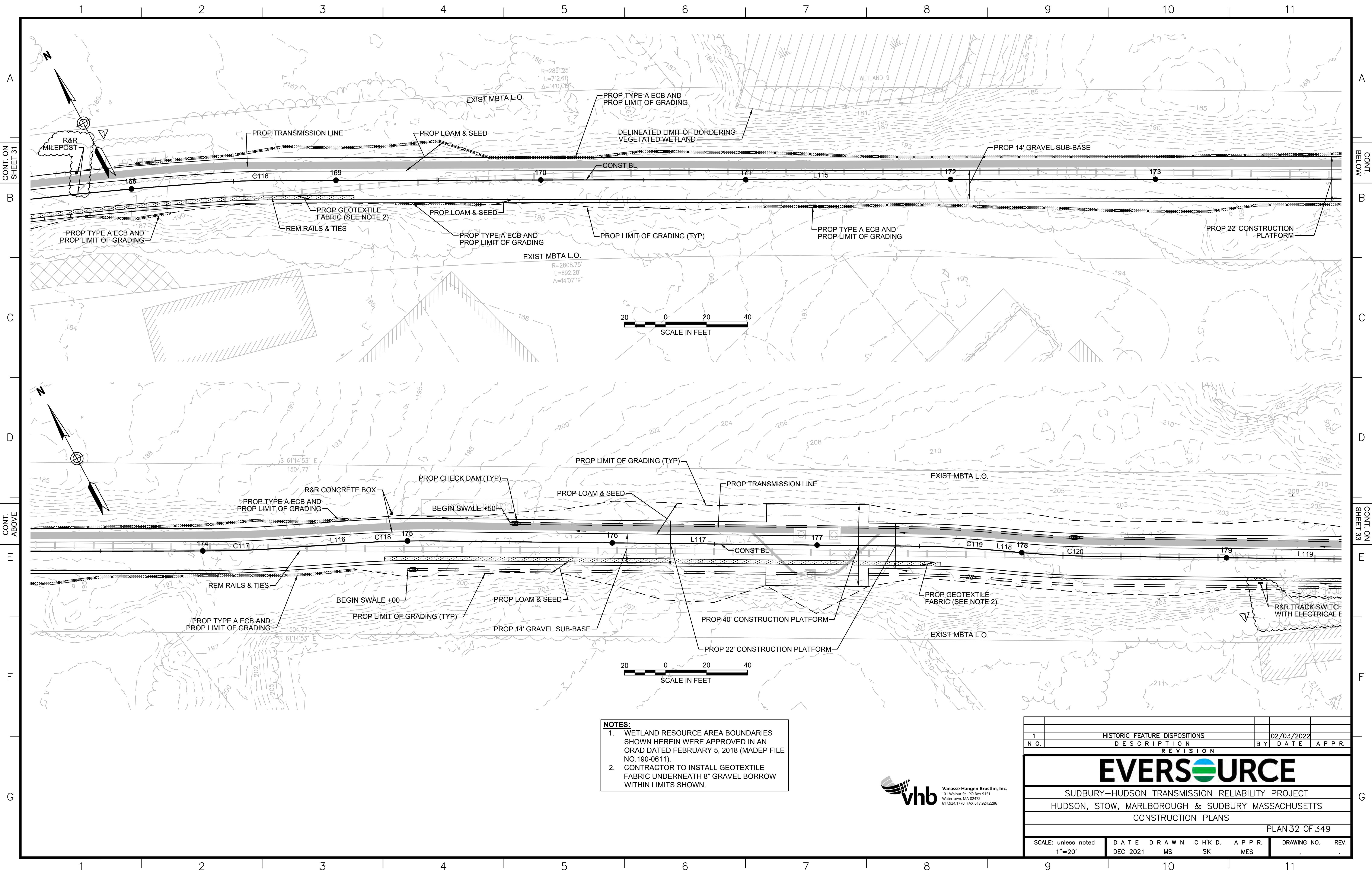
CONT. ON SHEET 32

- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.

NO NET FILL IN 100-YEAR FLOOD - 31.27 CY OF FILL, 571.85 CY OF CUT
SEE STA 142+50 TO STA 164+00 IN CROSS SECTIONS FOR MORE INFORMATION



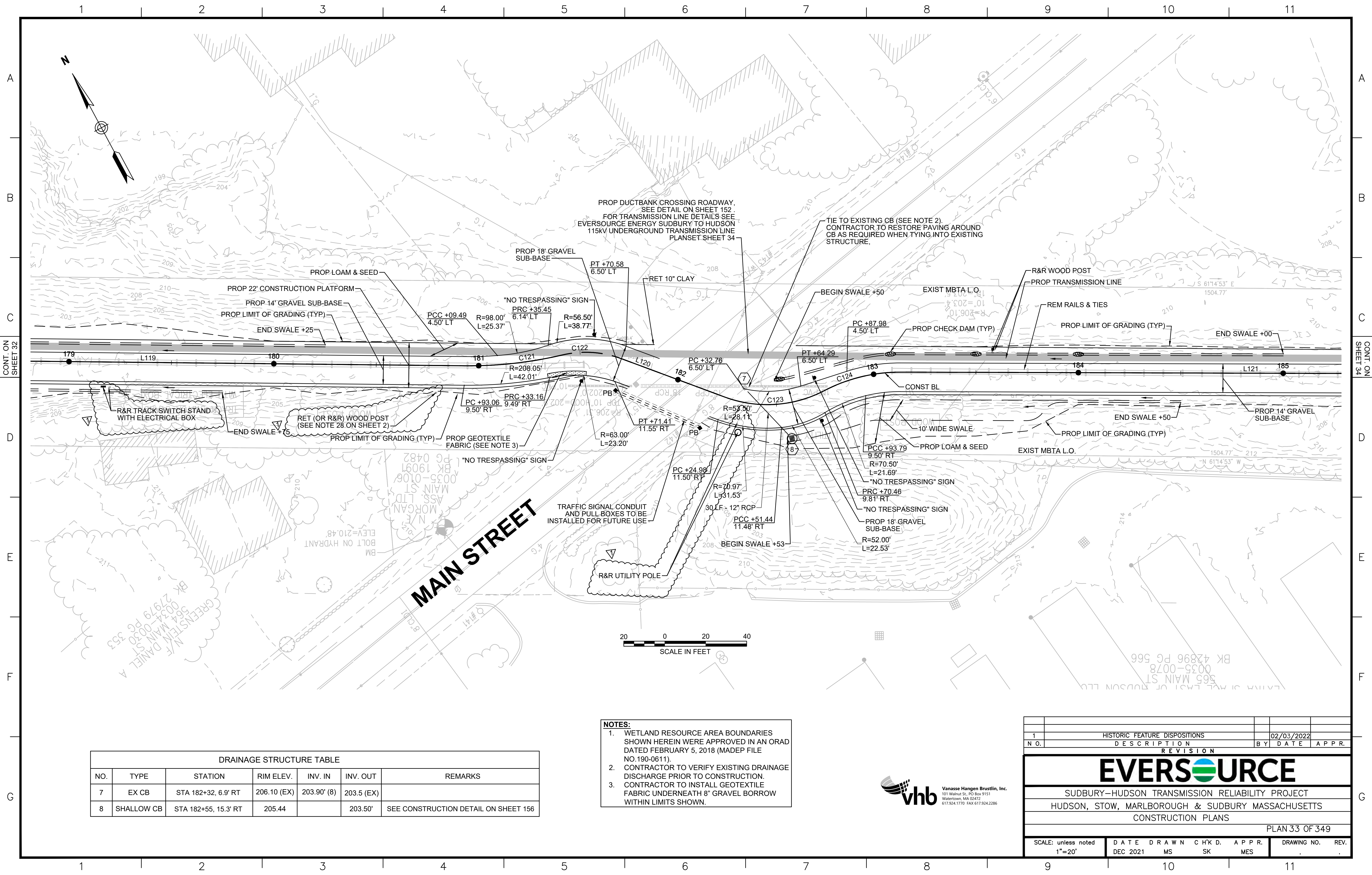
1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 31 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.



1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 32 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.



CONT. ON SHEET 32

CONT. ON SHEET 34

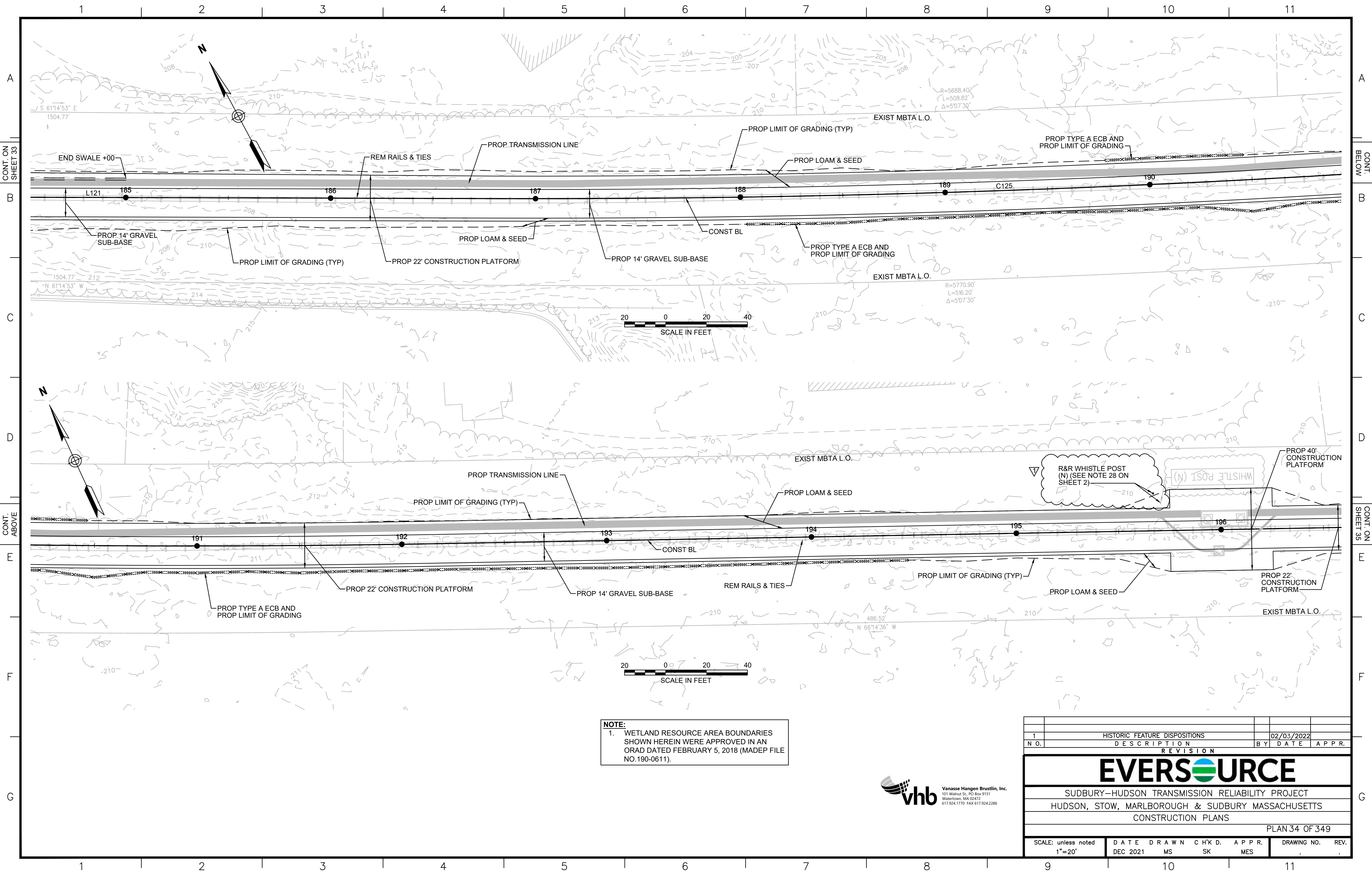
DRAINAGE STRUCTURE TABLE						
NO.	TYPE	STATION	RIM ELEV.	INV. IN	INV. OUT	REMARKS
7	EX CB	STA 182+32, 6.9' RT	206.10 (EX)	203.90' (8)	203.5 (EX)	
8	SHALLOW CB	STA 182+55, 15.3' RT	205.44		203.50'	SEE CONSTRUCTION DETAIL ON SHEET 156

- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. CONTRACTOR TO VERIFY EXISTING DRAINAGE DISCHARGE PRIOR TO CONSTRUCTION.
 3. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.



1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 33 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.

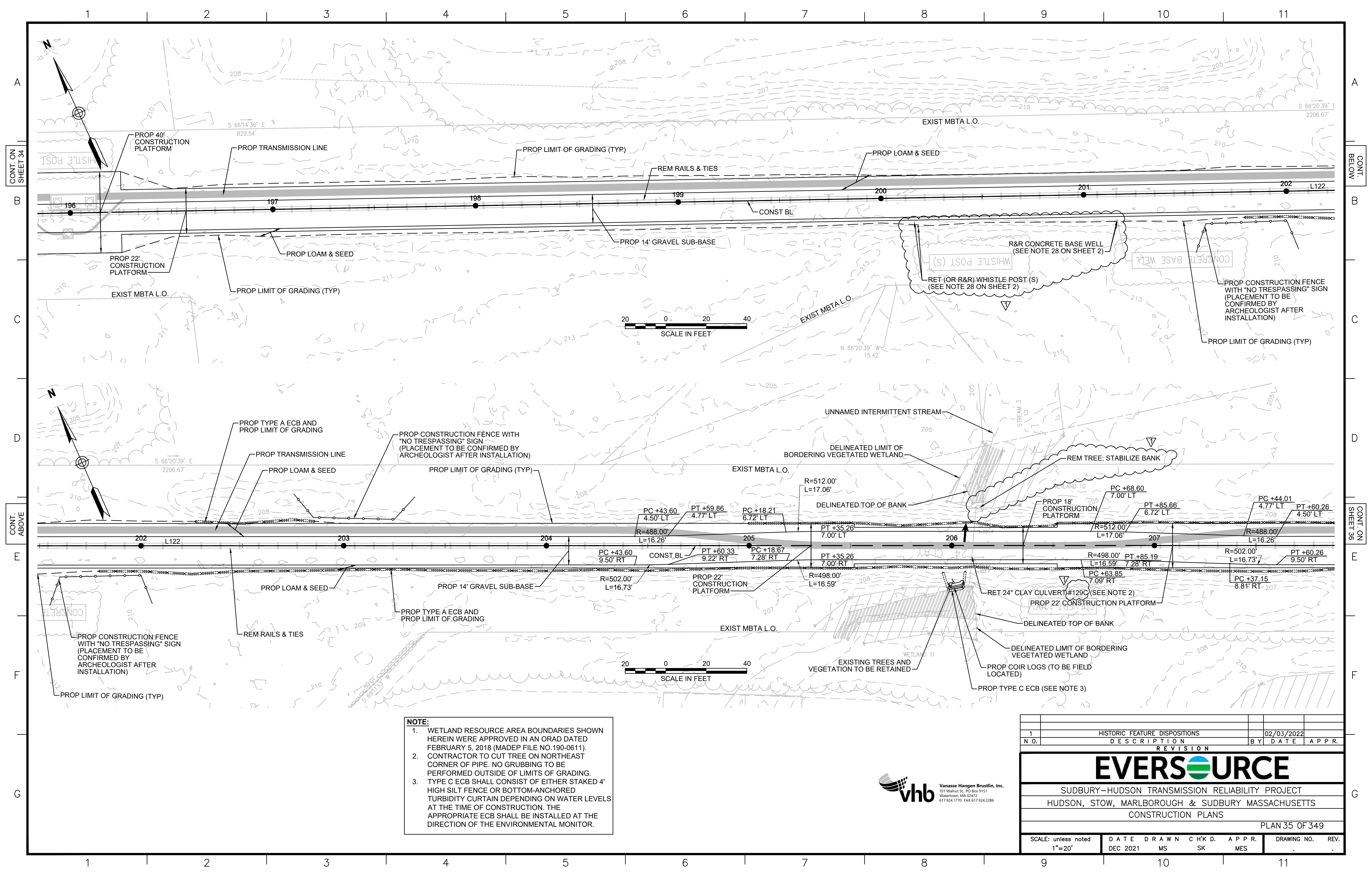




NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 34 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.

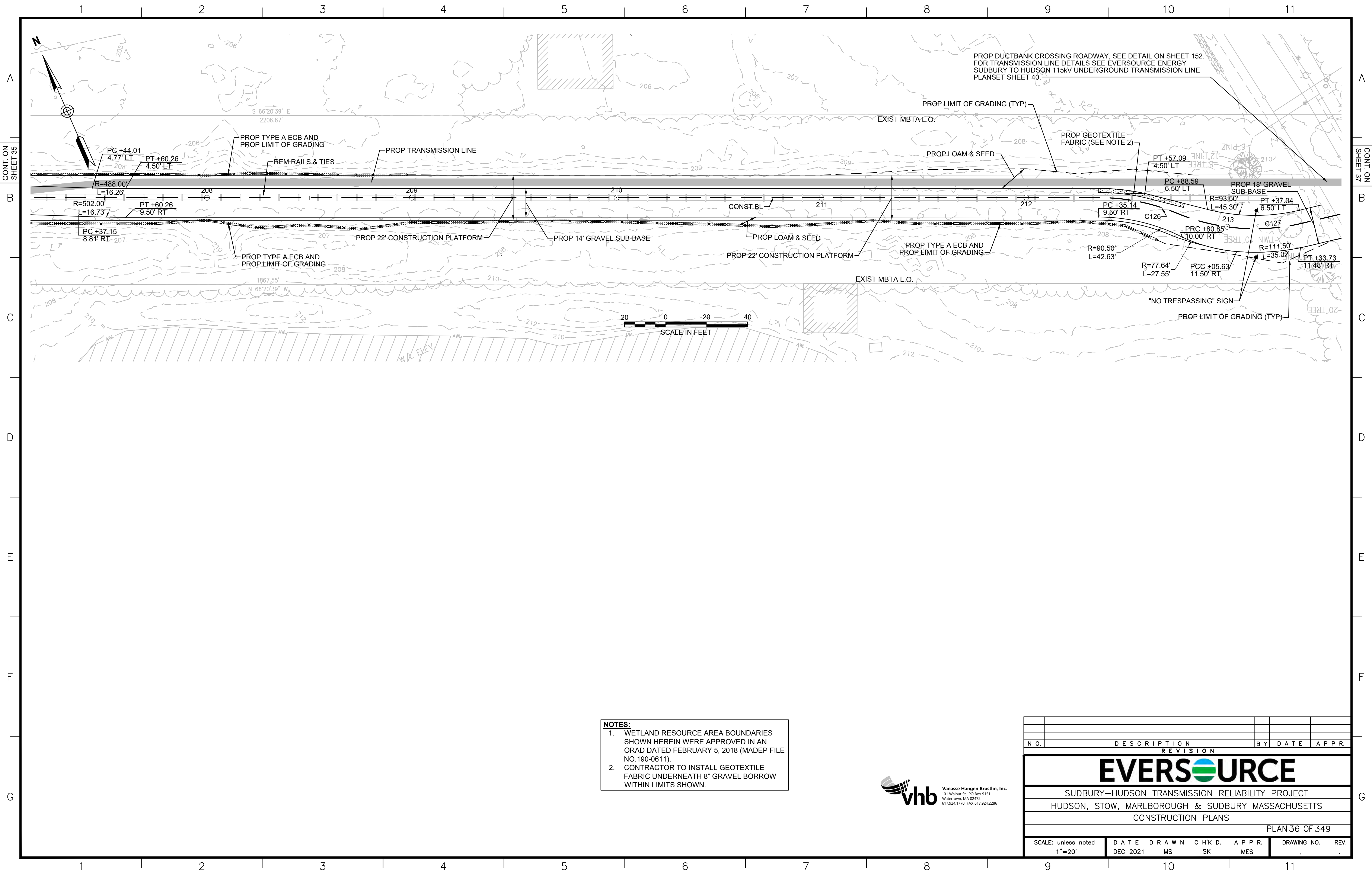


NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
2. CONTRACTOR TO CUT TREE ON NORTHEAST CORNER OF PIPE. NO GRUBBING TO BE PERFORMED OUTSIDE OF LIMITS OF GRADING.
3. TYPE C ECB SHALL CONSIST OF EITHER STAKED 4' HIGH SILT FENCE OR BOTTOM-ANCHORED TURBIDITY CURTAIN DEPENDING ON WATER LEVELS AT THE TIME OF CONSTRUCTION. THE APPROPRIATE ECB SHALL BE INSTALLED AT THE DIRECTION OF THE ENVIRONMENTAL MONITOR.



1	HISTORIC FEATURE DISPOSITIONS	02/03/2022	
N.O.	DESCRIPTION	BY	DATE
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 35 OF 349			
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	REV.



PROP DUCTBANK CROSSING ROADWAY. SEE DETAIL ON SHEET 152.
 FOR TRANSMISSION LINE DETAILS SEE EVERSOURCE ENERGY
 SUDBURY TO HUDSON 115KV UNDERGROUND TRANSMISSION LINE
 PLANSET SHEET 40.

- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.



REVISION			
N.O.	DESCRIPTION	BY	DATE

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 CONSTRUCTION PLANS

PLAN 36 OF 349

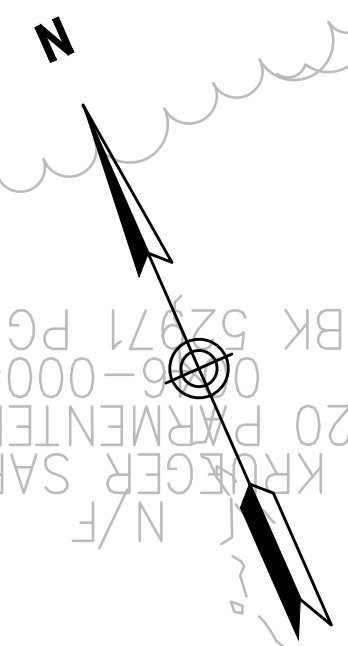
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO.	REV.
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PARMENTER ROAD

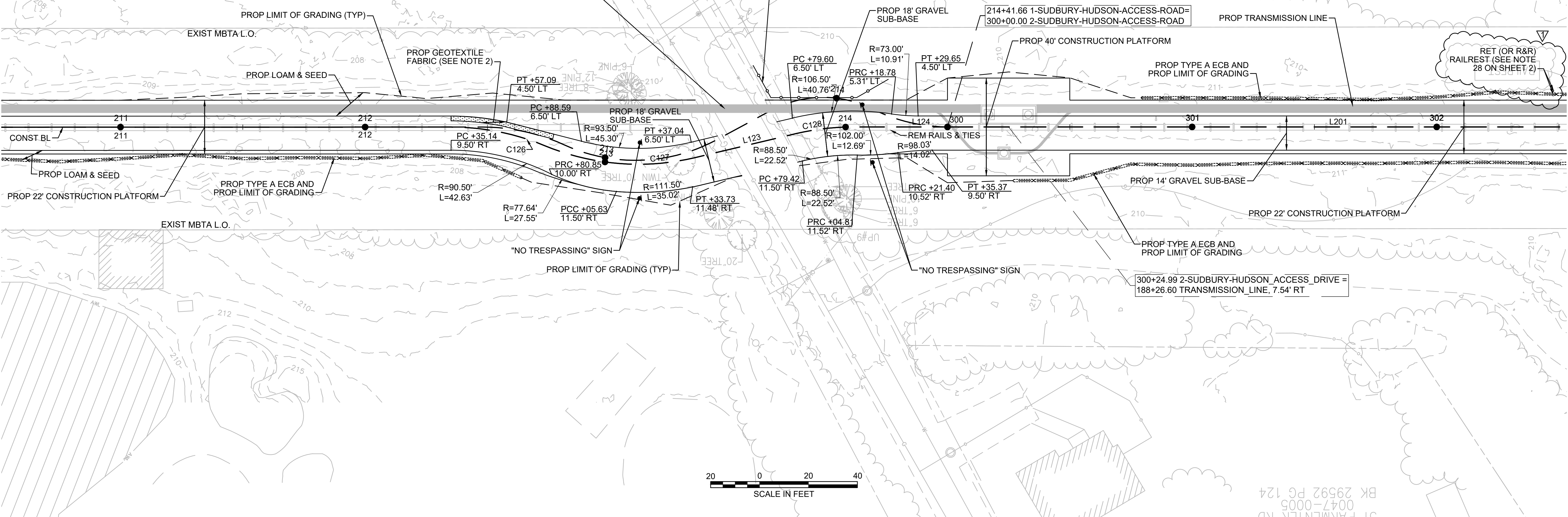


PG 327
0004
INTER RD
EVEN W

BK 5271 PG 515
0004
20 PARMENTER RD
KRAEGER SARAH
N/F

PROP DUCTBANK CROSSING ROADWAY. SEE DETAIL ON SHEET 152.
FOR TRANSMISSION LINE DETAILS SEE EVERSOURCE ENERGY
SUDBURY TO HUDSON 115KV UNDERGROUND TRANSMISSION LINE
PLANSET SHEET 40.

PROP CONSTRUCTION FENCE WITH
"NO TRESPASSING" SIGN
(PLACEMENT TO BE CONFIRMED BY
ARCHEOLOGIST AFTER
INSTALLATION)



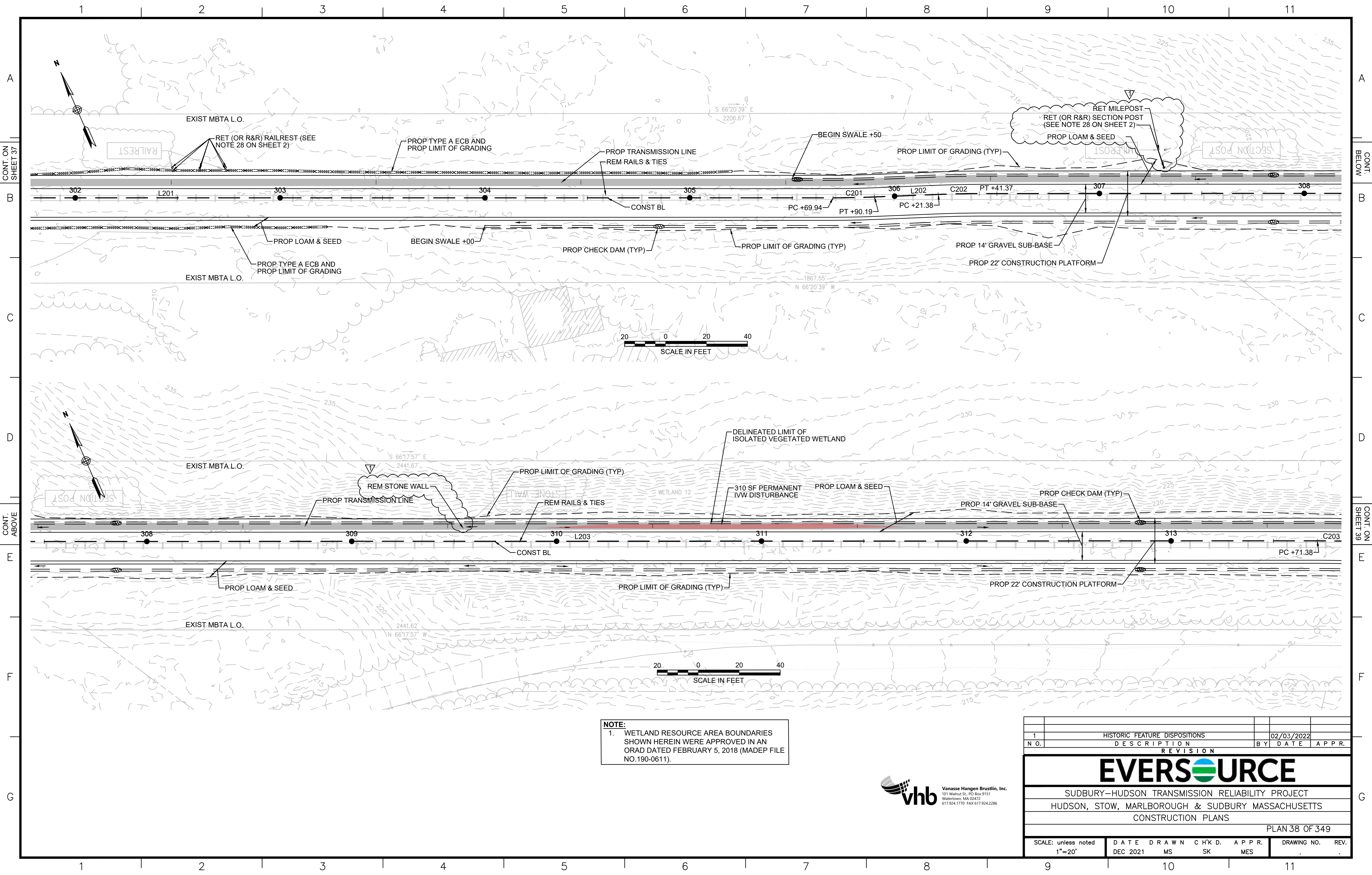
BK 29592 PG 124
0047-0005
01 PARMENTER RD

- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.



1	HISTORIC FEATURE DISPOSITIONS	02/03/2022	
N.O.	DESCRIPTION	BY	DATE APPR.
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 37 OF 349			
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK
	APPR. MES	DRAWING NO.	REV.

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NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 38 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.

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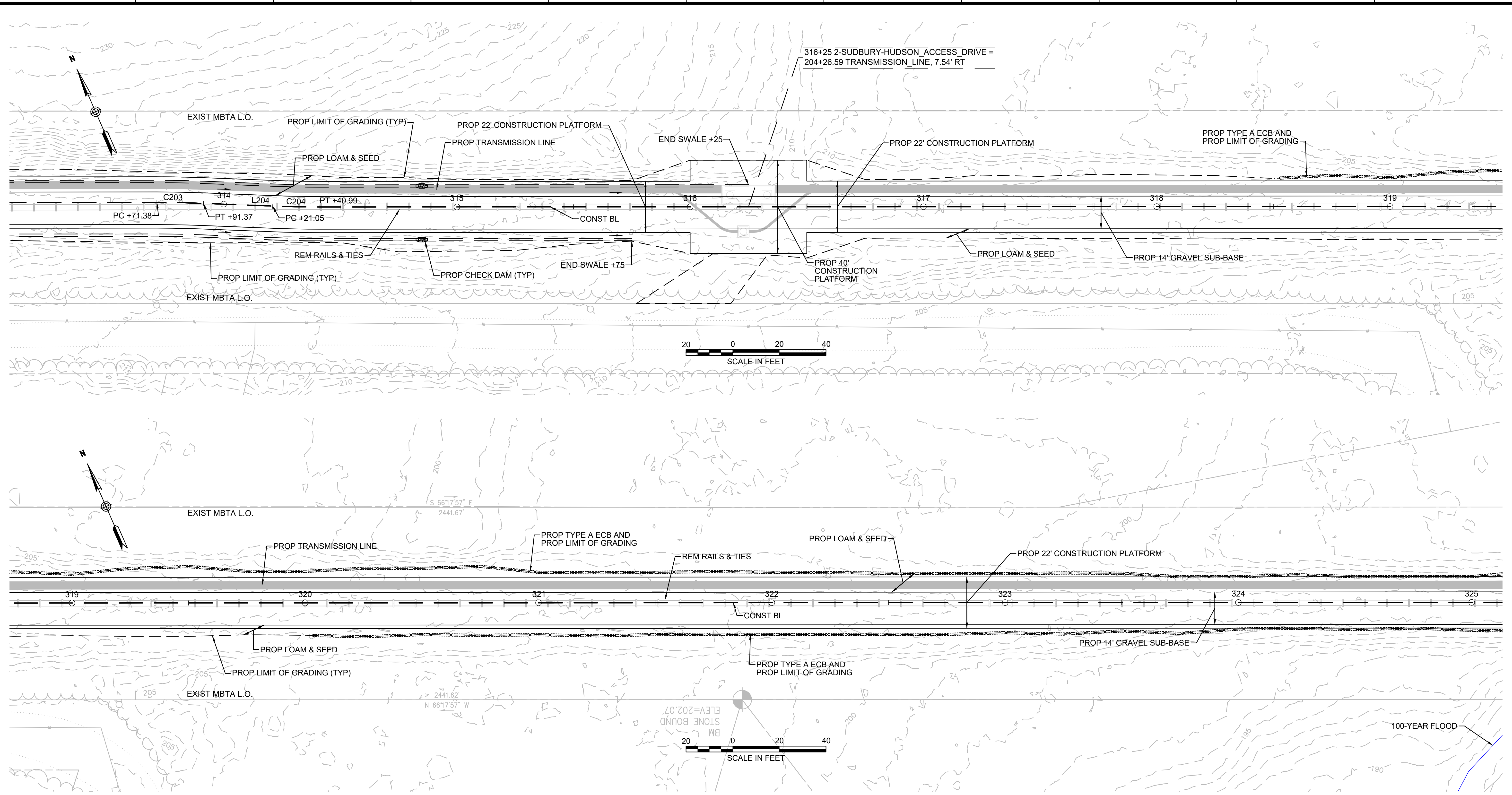
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1 2 3 4 5 6 7 8 9 10 11



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 39 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO. REV.
	DEC 2021	MS	SK	MES	

1 2 3 4 5 6 7 8 9 10 11

CONT. ON SHEET 39

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CONT. ON SHEET 41

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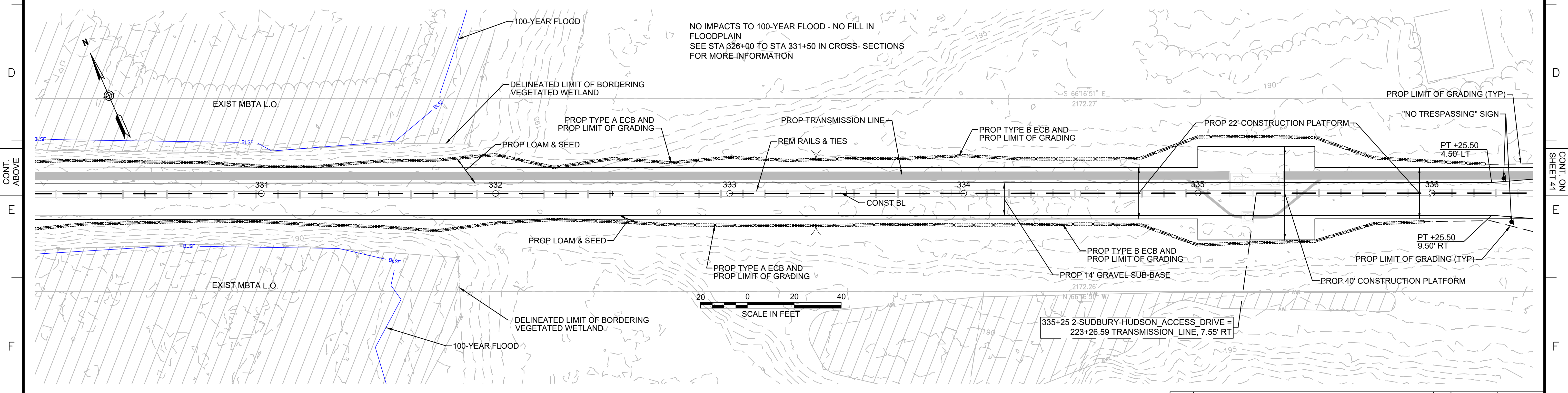
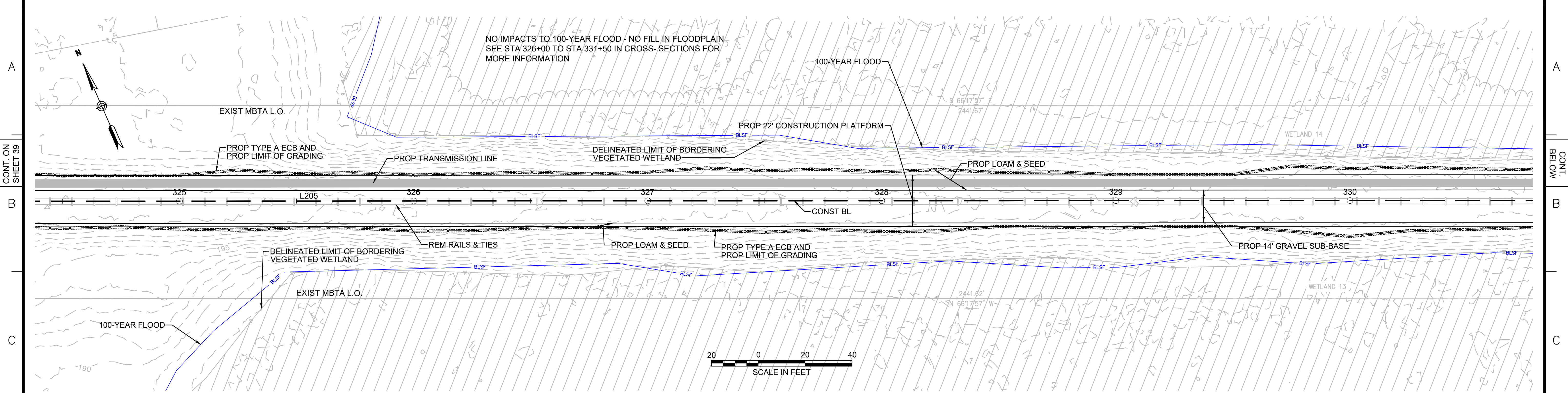
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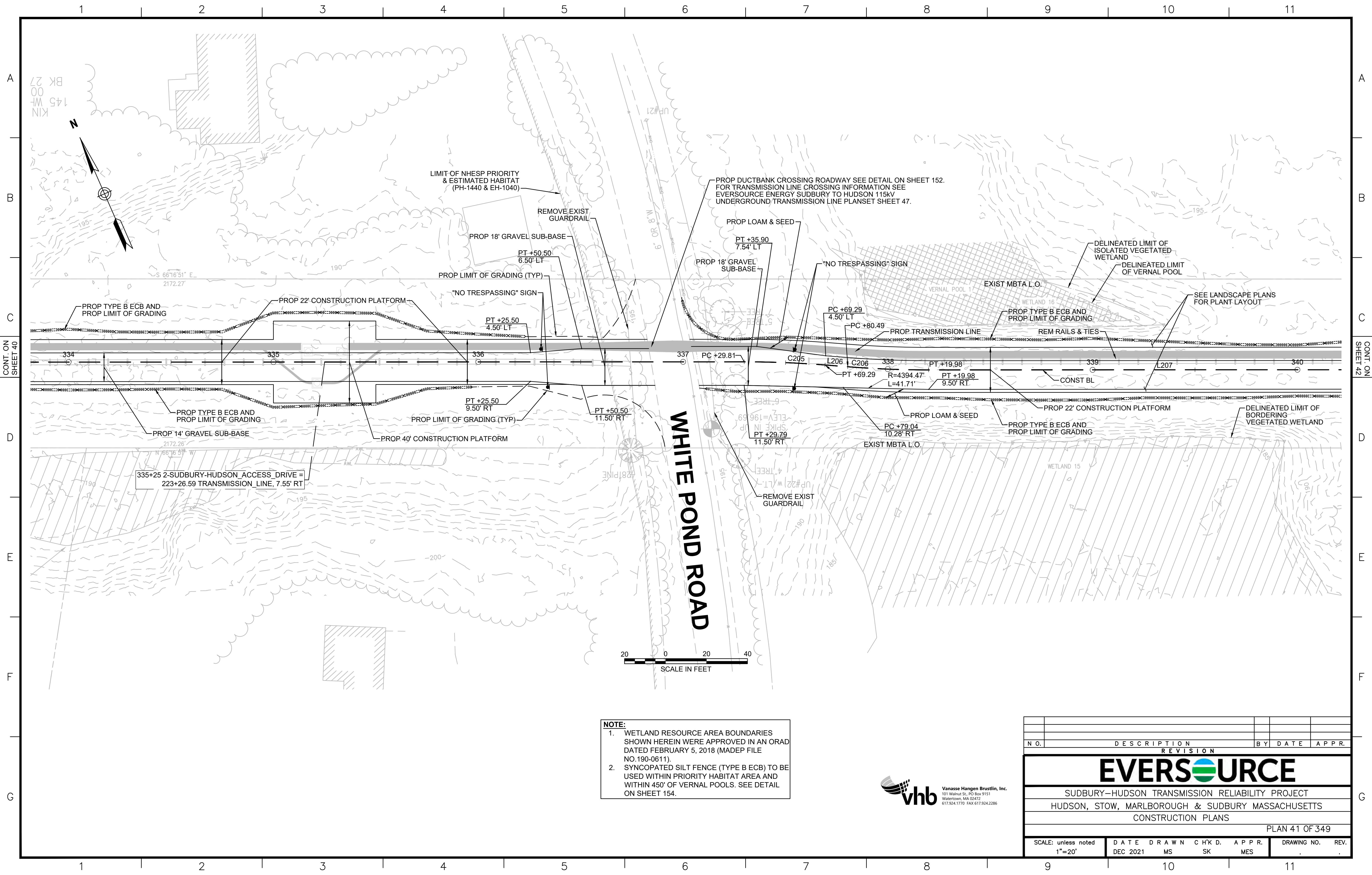


NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND WITHIN 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



NO.		DESCRIPTION	BY	DATE	APPR.
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 40 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO.
	DEC 2021	MS	SK	MES	REV.

1 2 3 4 5 6 7 8 9 10 11

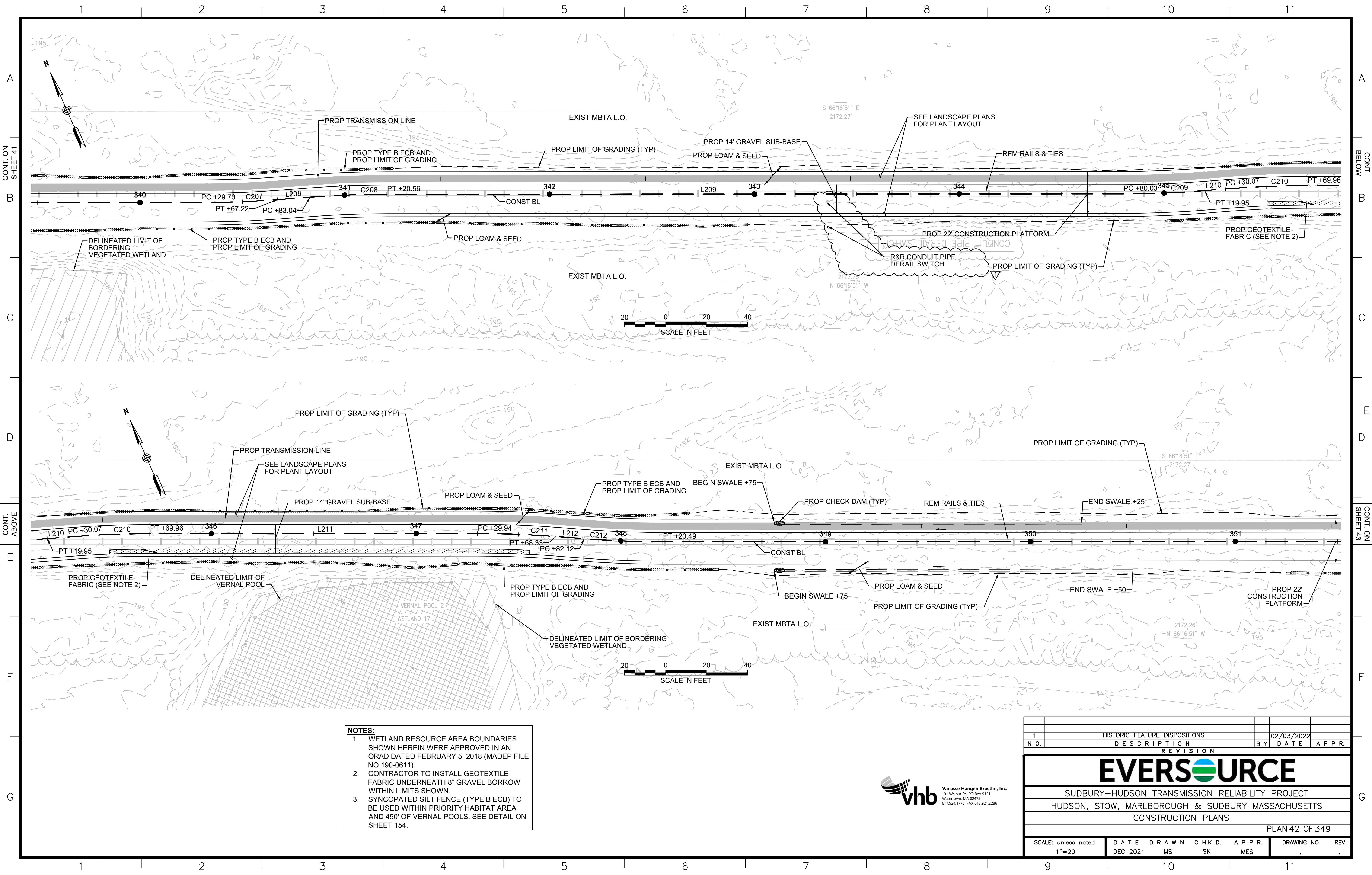


NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO. 190-0611).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND WITHIN 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



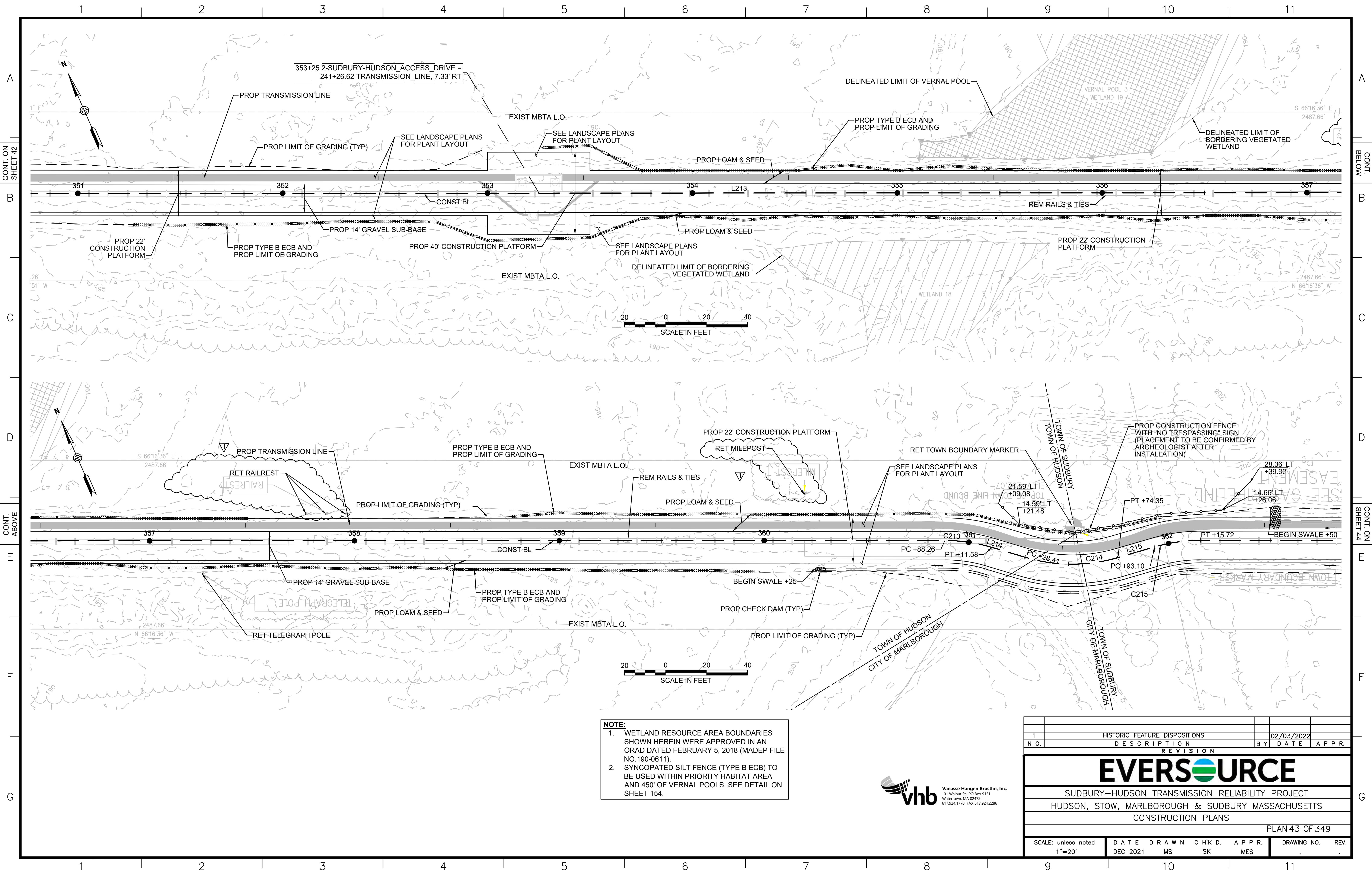
NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 41 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO.
	DEC 2021	MS	SK	MES	REV.



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.
 3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



1		HISTORIC FEATURE DISPOSITIONS	02/03/2022
N.O.	DESCRIPTION	BY	DATE
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 42 OF 349			
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	DRAWING NO. REV.

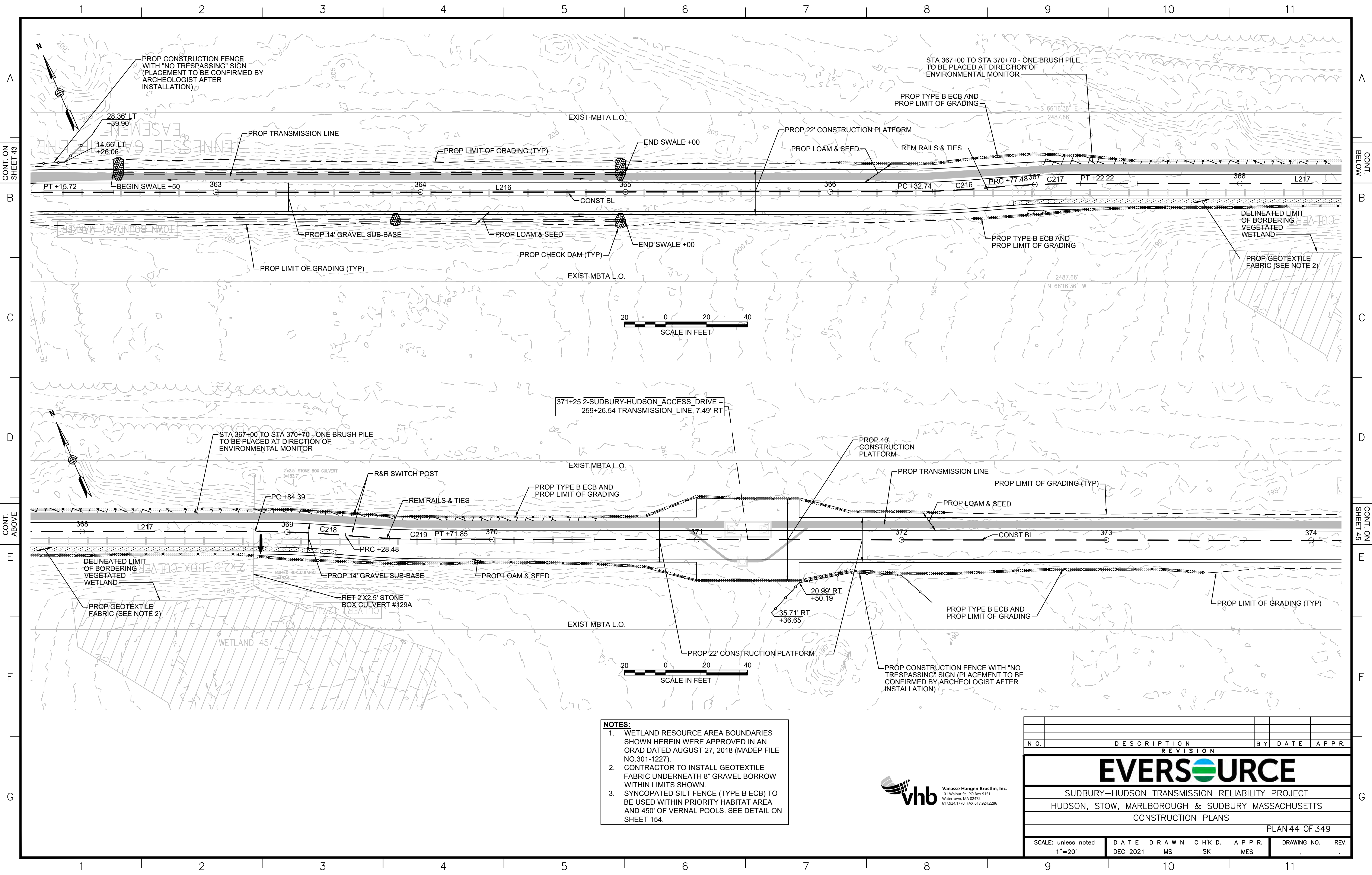


NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



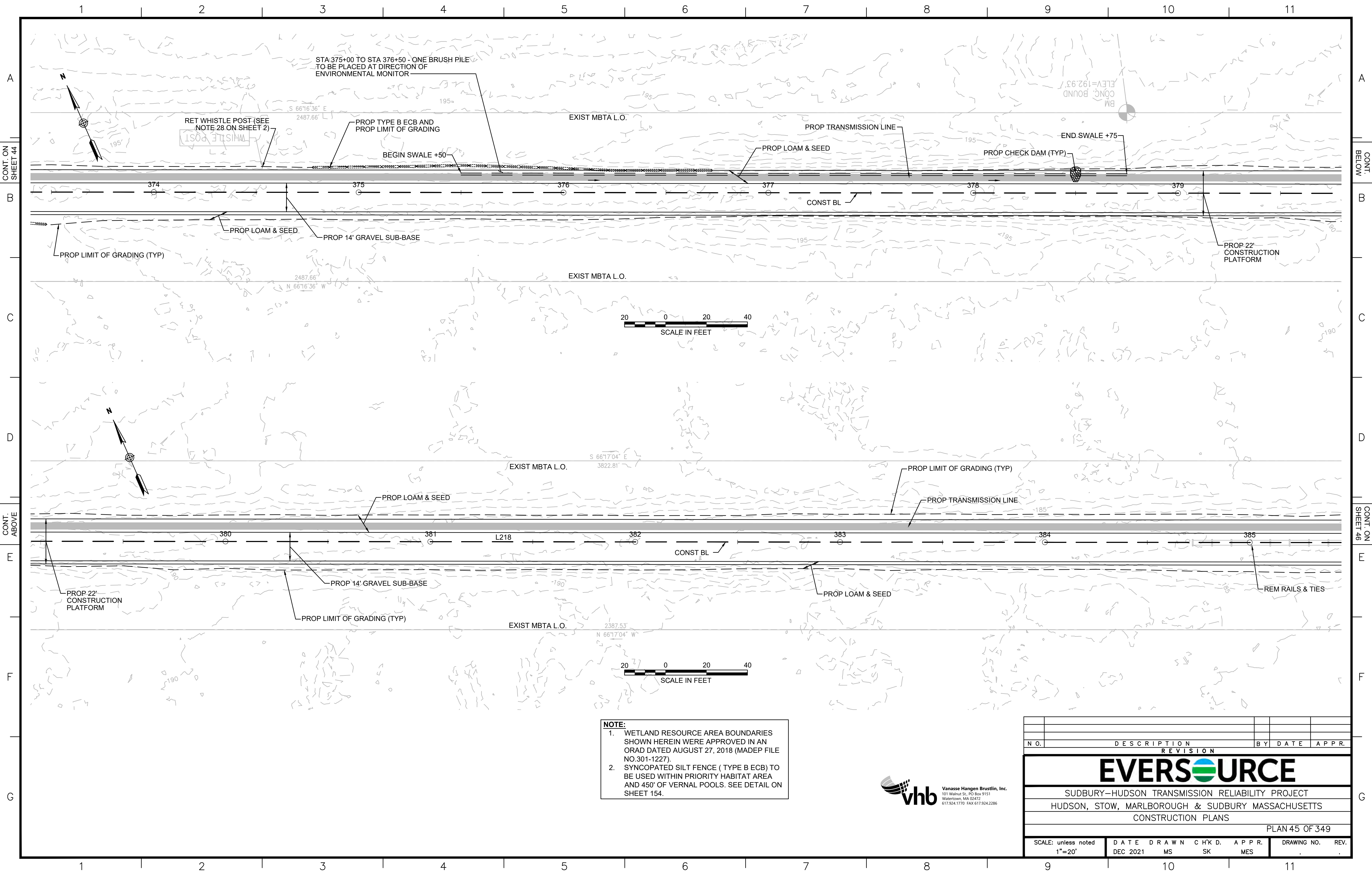
1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 43 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 8" GRAVEL BORROW WITHIN LIMITS SHOWN.
 3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.

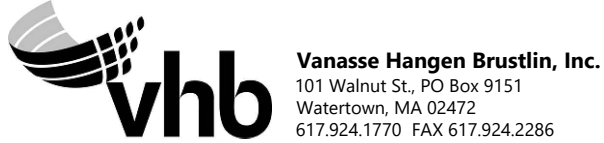


NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 44 OF 349					
SCALE: unless noted 1"=20'		DATE	DRAWN	CHK'D.	APPR.
		DEC 2021	MS	SK	MES
DRAWING NO.				REV.	

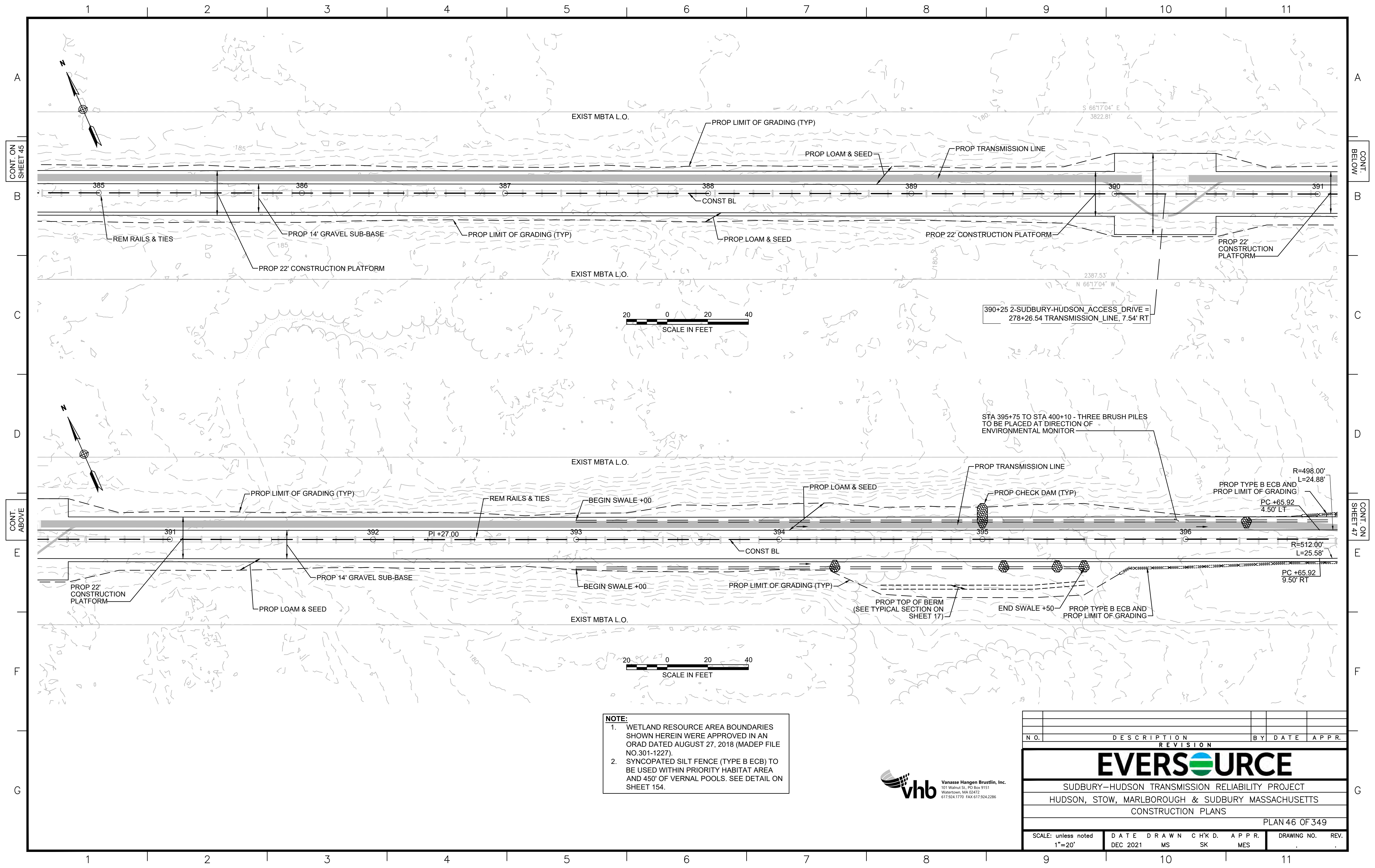


NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 45 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO.
	DEC 2021	MS	SK	MES	REV.



NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



REVISION			
N.O.	DESCRIPTION	BY	DATE

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
CONSTRUCTION PLANS

PLAN 46 OF 349

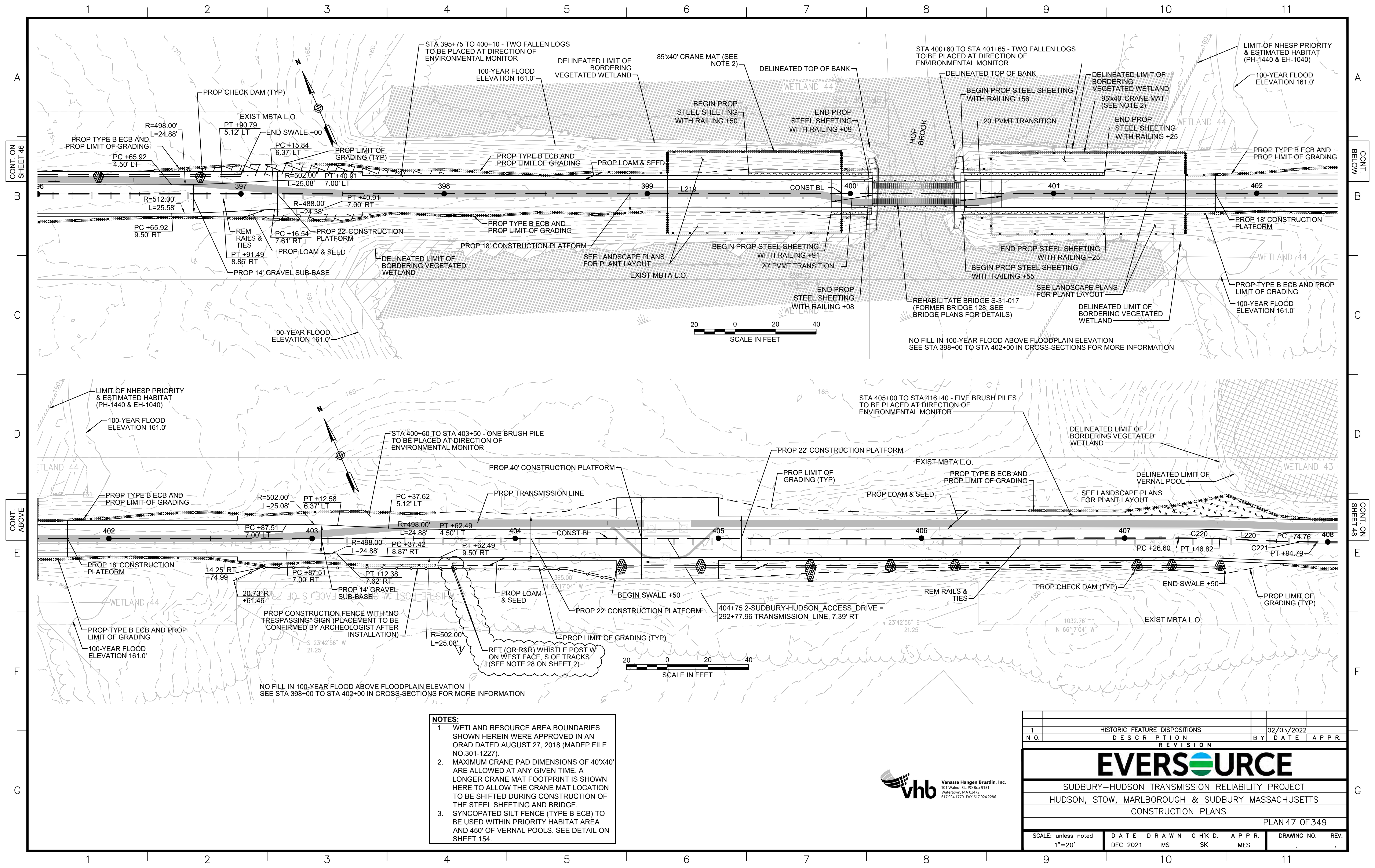
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO.	REV.
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390+25 2-SUDBURY-HUDSON ACCESS DRIVE =
278+26.54 TRANSMISSION LINE, 7.54' RT

STA 395+75 TO STA 400+10 - THREE BRUSH PILES
TO BE PLACED AT DIRECTION OF
ENVIRONMENTAL MONITOR

R=498.00'
L=24.88'
PROP TYPE B ECB AND
PROP LIMIT OF GRADING

R=512.00'
L=25.58'
PC +65.92
9.50' RT



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).
 2. MAXIMUM CRANE PAD DIMENSIONS OF 40'X40' ARE ALLOWED AT ANY GIVEN TIME. A LONGER CRANE MAT FOOTPRINT IS SHOWN HERE TO ALLOW THE CRANE MAT LOCATION TO BE SHIFTED DURING CONSTRUCTION OF THE STEEL SHEETING AND BRIDGE.
 3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



1	HISTORIC FEATURE DISPOSITIONS	02/03/2022	
N.O.	DESCRIPTION	BY	DATE
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 47 OF 349			
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D. APPR.
	DEC 2021	MS	SK MES
DRAWING NO.	REV.		

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CONT. ON SHEET 47

CONT. ON SHEET 49

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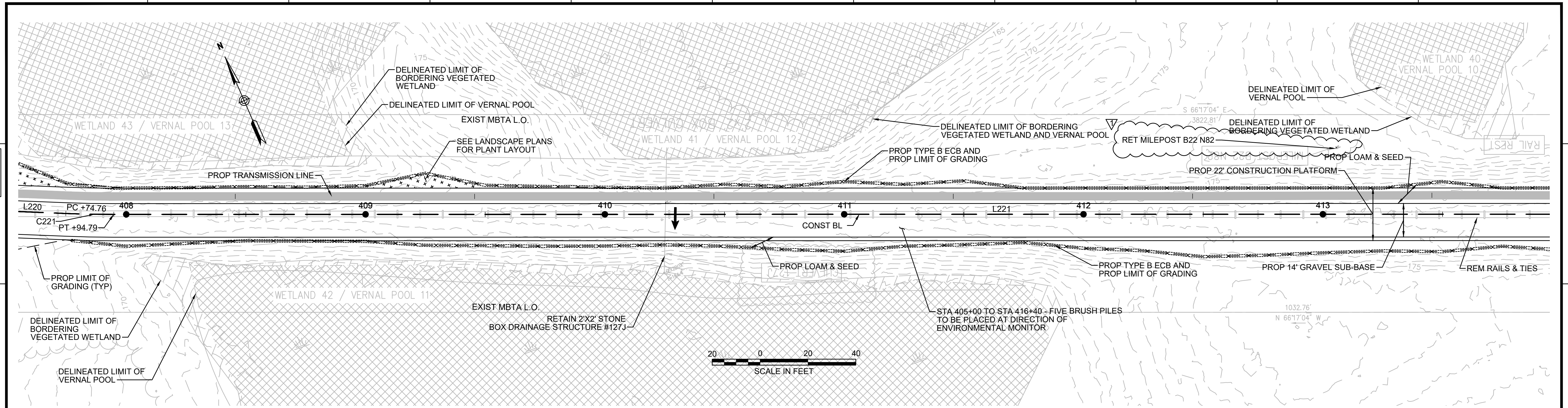
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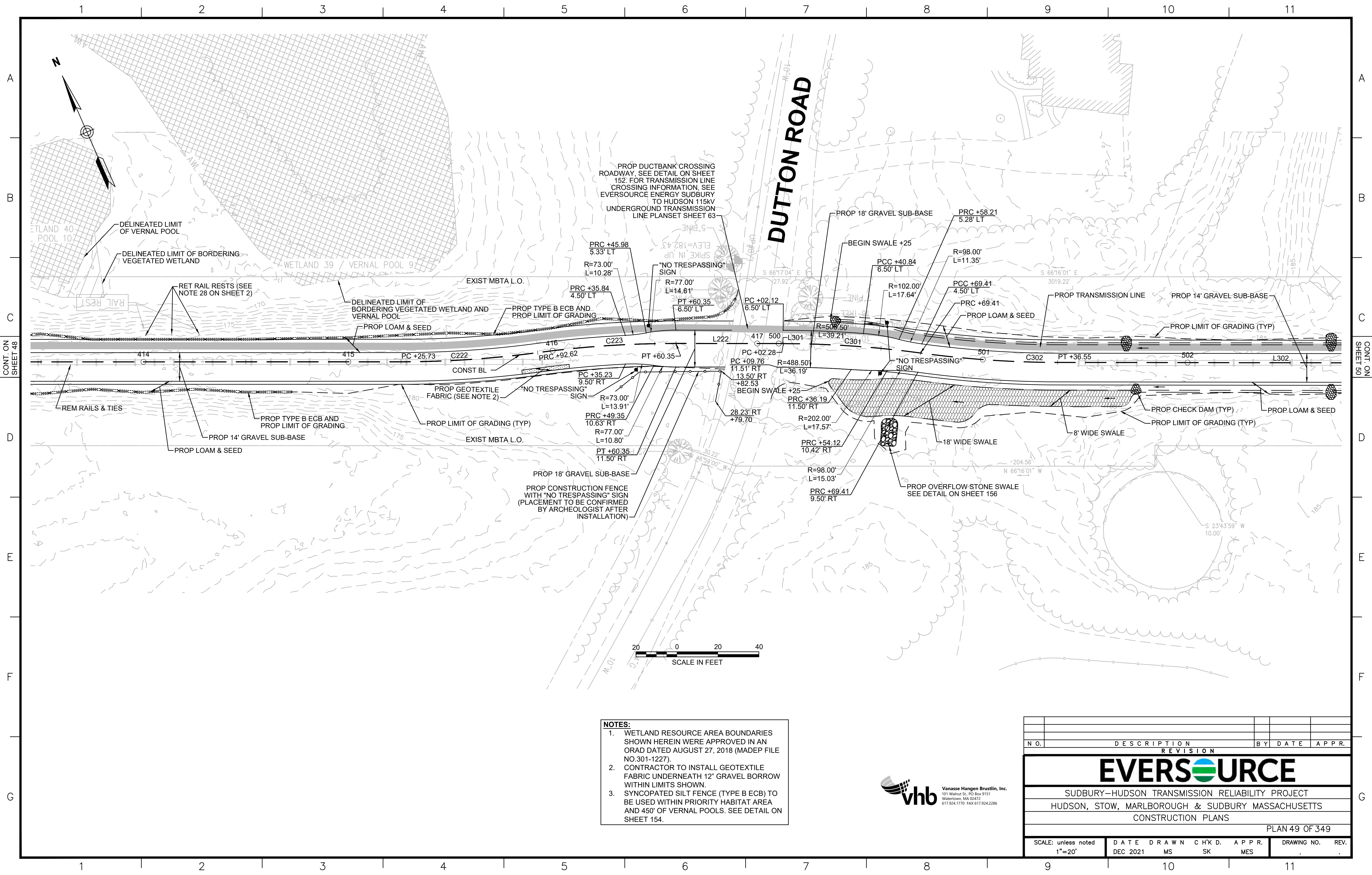


NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



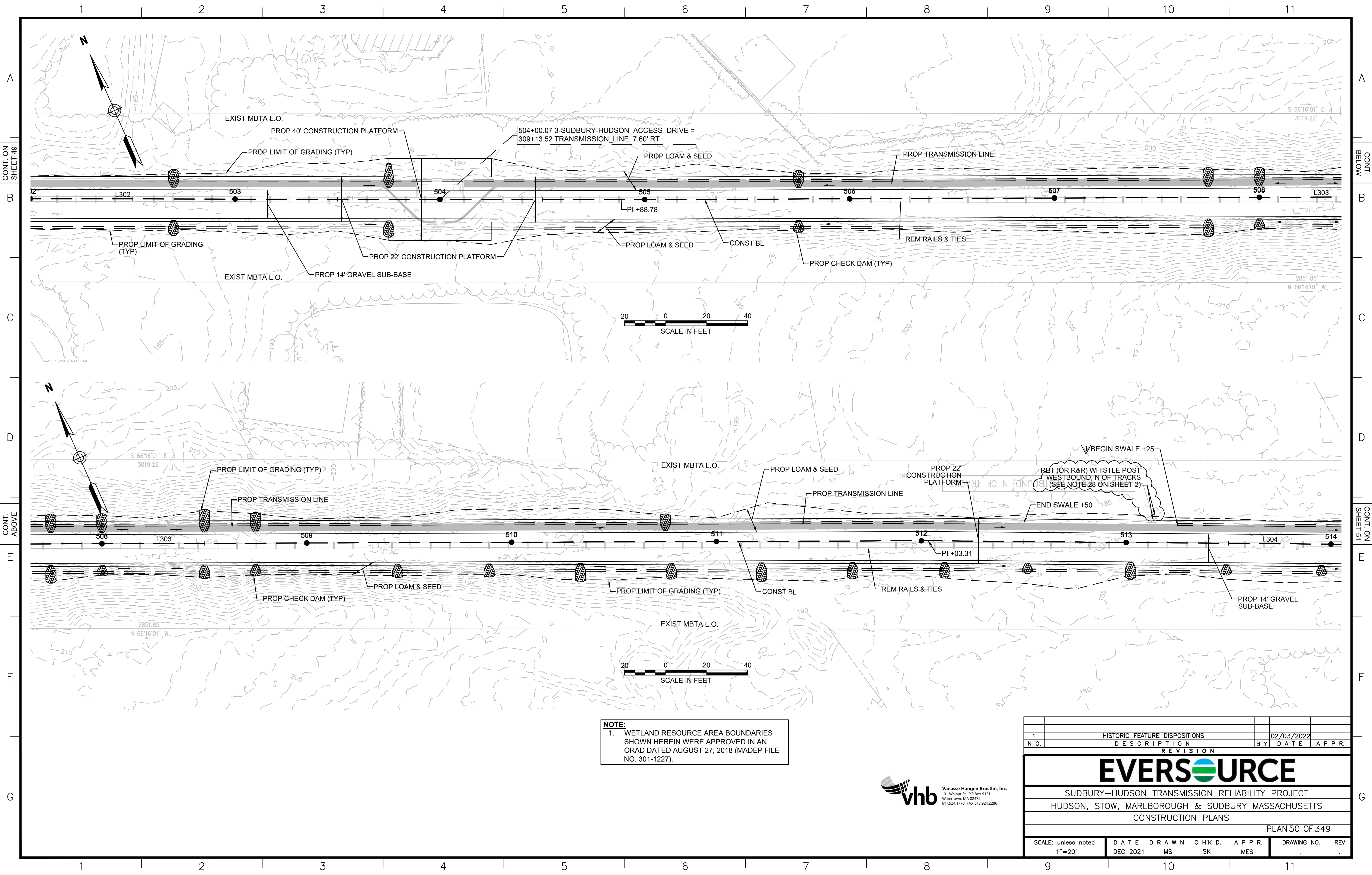
HISTORIC FEATURE DISPOSITIONS		02/03/2022		
N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION PLANS				
PLAN 48 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			



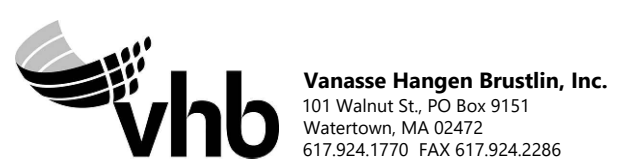
- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
 3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



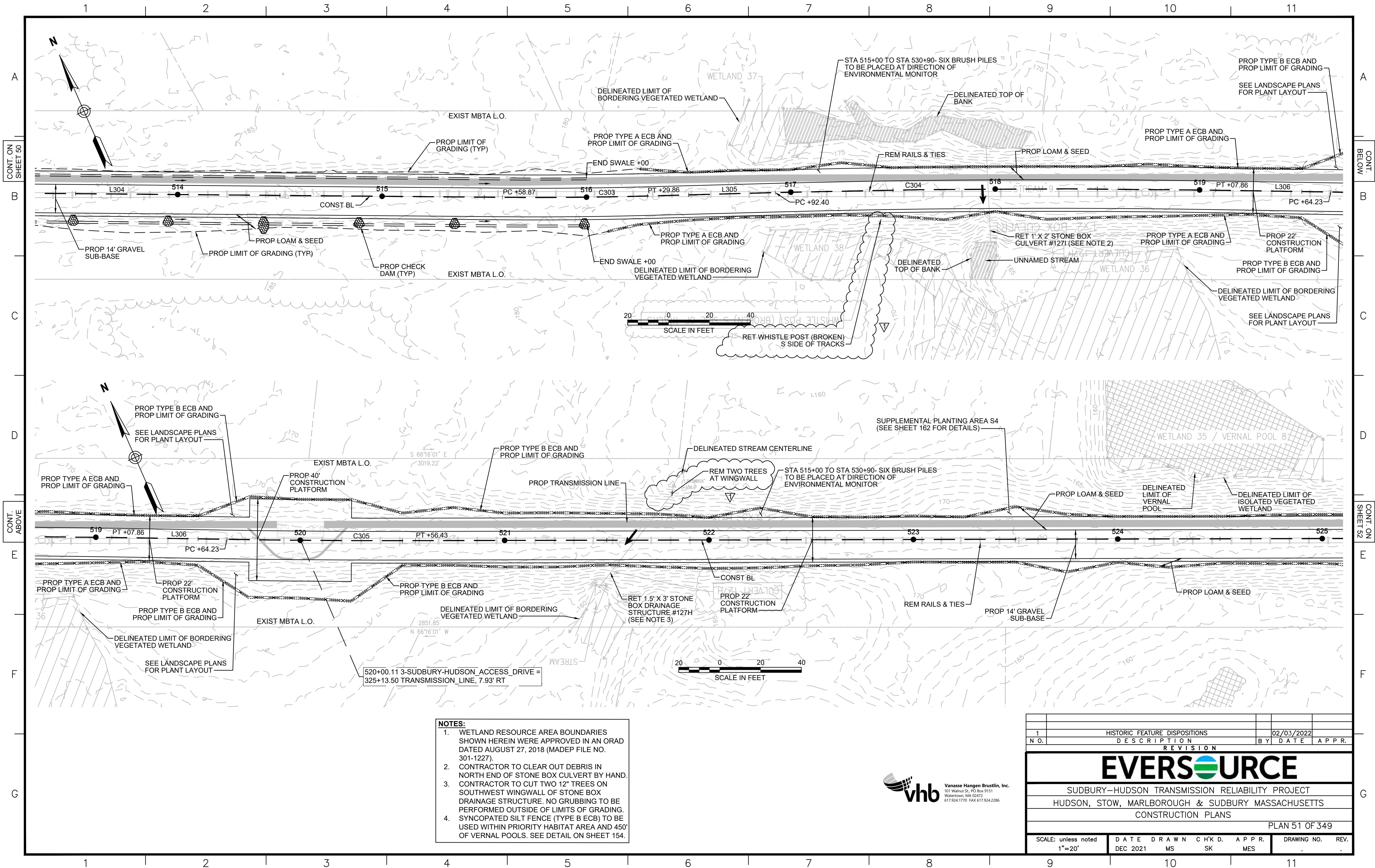
NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 49 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO. REV.
	DEC 2021	MS	SK	MES	



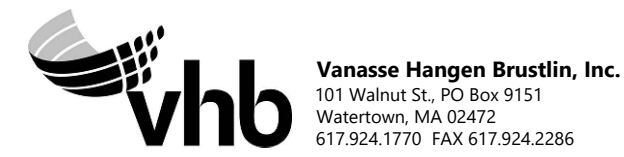
NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



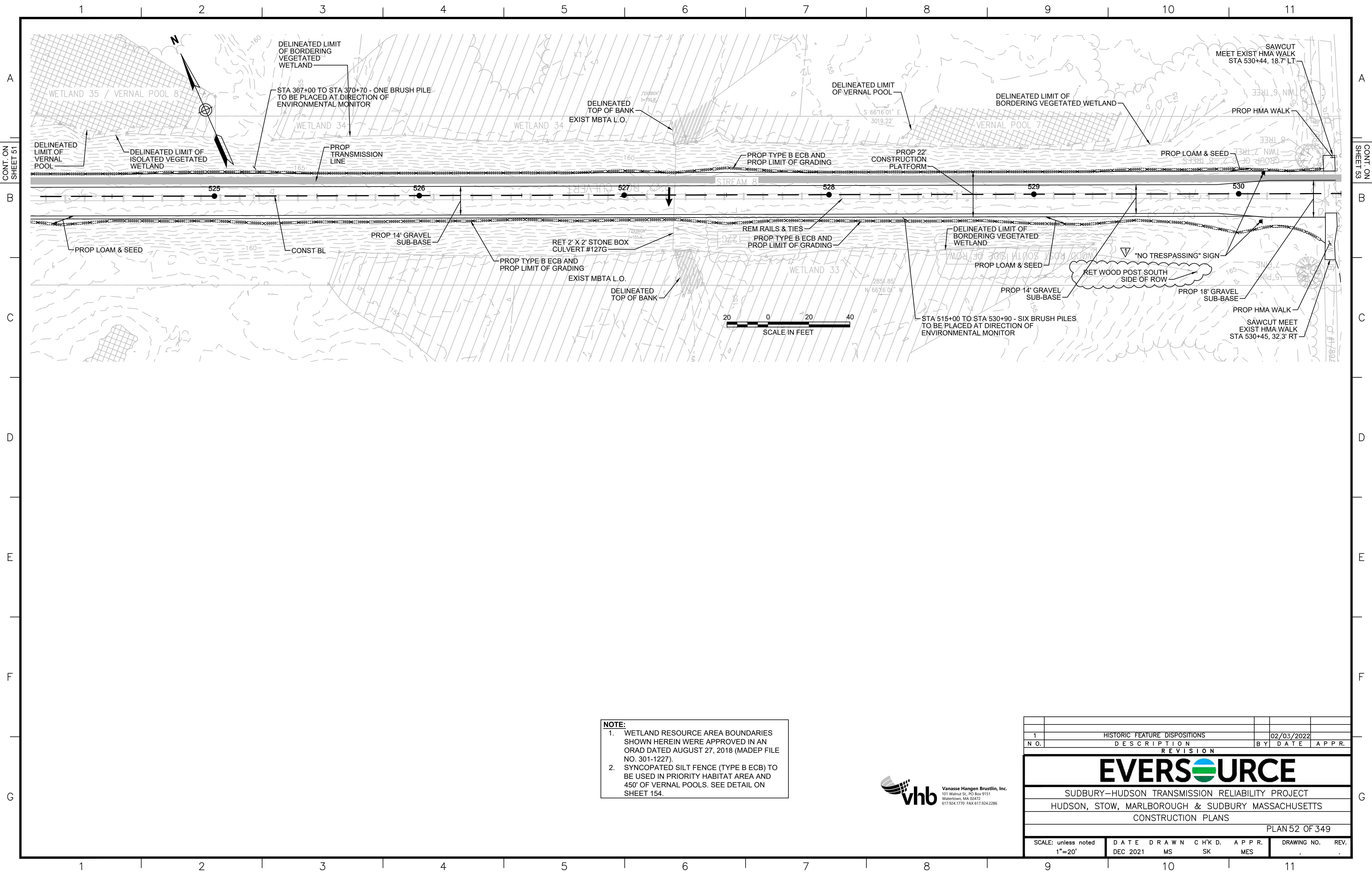
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N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 50 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO. REV.



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. CONTRACTOR TO CLEAR OUT DEBRIS IN NORTH END OF STONE BOX CULVERT BY HAND.
 3. CONTRACTOR TO CUT TWO 12" TREES ON SOUTHWEST WINGWALL OF STONE BOX DRAINAGE STRUCTURE. NO GRUBBING TO BE PERFORMED OUTSIDE OF LIMITS OF GRADING. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.
 - 4.



1	HISTORIC FEATURE DISPOSITIONS	02/03/2022	
N.O.	DESCRIPTION	BY	DATE APPR.
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 51 OF 349			
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D. APPR.
	DEC 2021	MS	SK MES
DRAWING NO.	REV.		



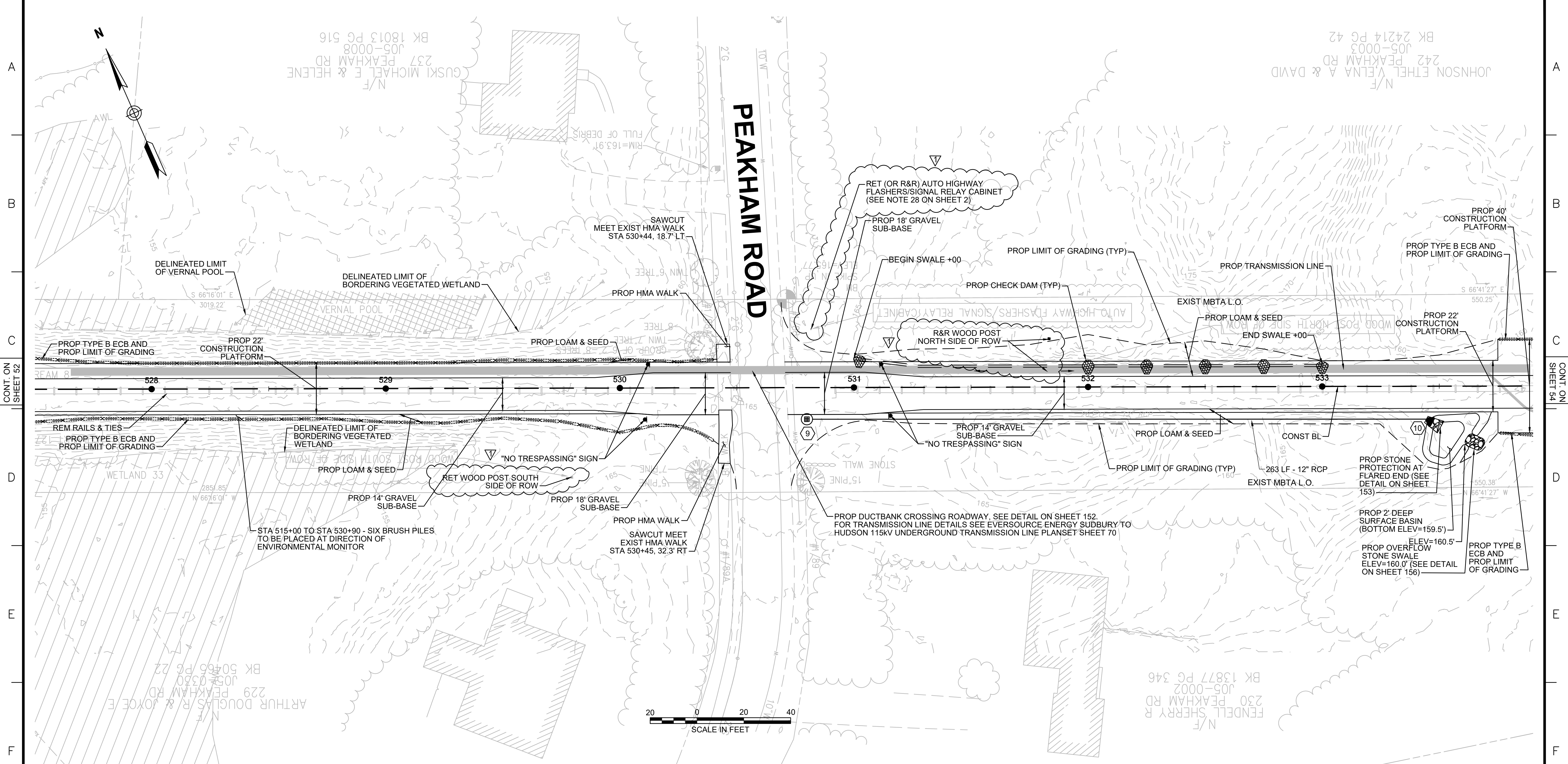
NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED IN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



HISTORIC FEATURE DISPOSITIONS		02/03/2022		
N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION PLANS				
PLAN 52 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.		REV.		

1 2 3 4 5 6 7 8 9 10 11



CONT. ON SHEET 52

CONT. ON SHEET 54

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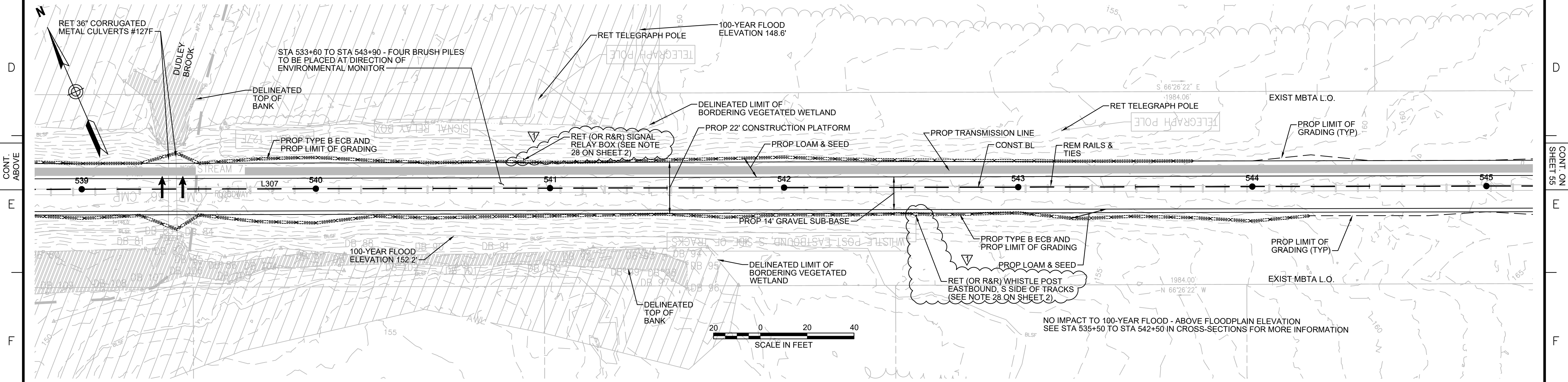
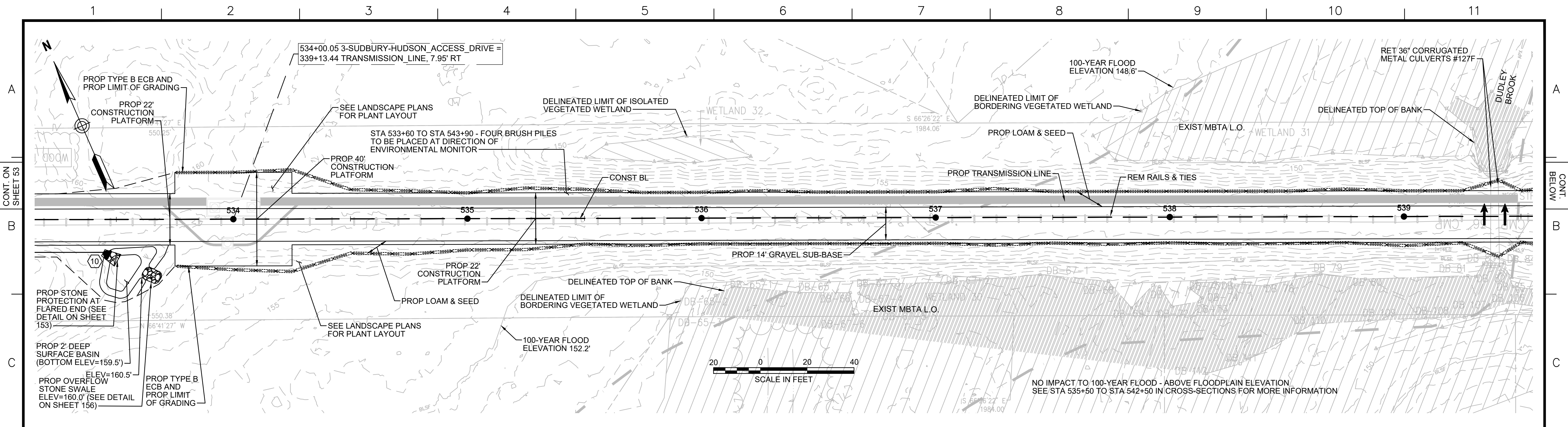
DRAINAGE STRUCTURE TABLE						
NO.	TYPE	STATION	RIM ELEV.	INV. IN	INV. OUT	REMARKS
9	SHALLOW CB	STA 530+80, 10.4' RT	164.85		162.00'	SEE CONSTRUCTION DETAIL ON SHEET 156
10	FES	STA 533+46, 14.9' RT	161.68	160.50' (9)		

NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 53 OF 349					
SCALE: unless noted 1"=20'		DATE DRAWN DEC 2021 MS		CHK'D. APPR. SK MES	
DRAWING NO.		REV.			

1 2 3 4 5 6 7 8 9 10 11

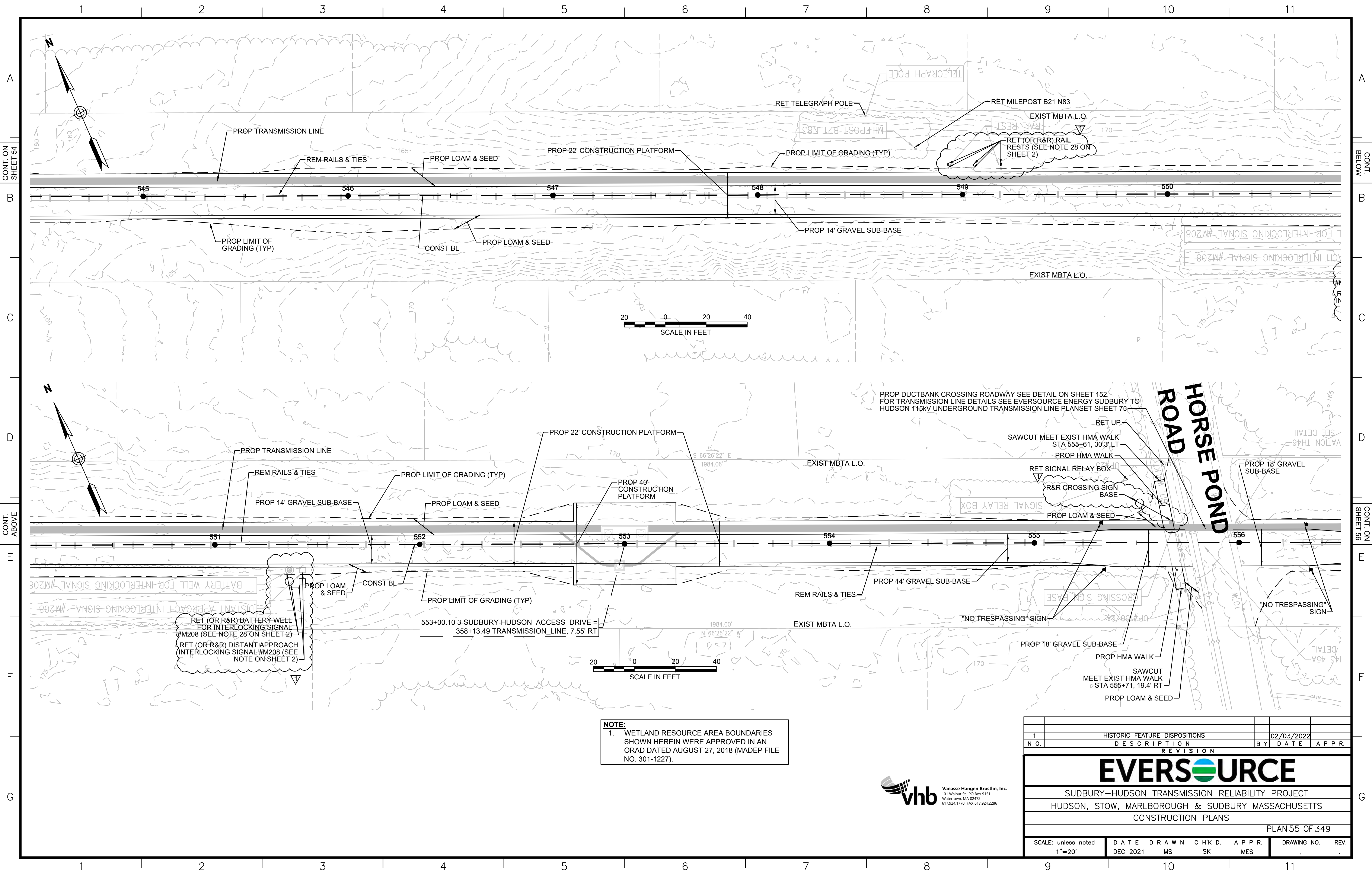


NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



1	HISTORIC FEATURE DISPOSITIONS	02/03/2022	
N.O.	DESCRIPTION	BY	DATE APPR.
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 54 OF 349			
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	DRAWING NO. REV.
			11



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).

PROPOSED DUCTBANK CROSSING ROADWAY SEE DETAIL ON SHEET 152.
 FOR TRANSMISSION LINE DETAILS SEE EVERSOURCE ENERGY SUDBURY TO HUDSON 115KV UNDERGROUND TRANSMISSION LINE PLANSET SHEET 75

RET (OR R&R) BATTERY WELL FOR INTERLOCKING SIGNAL #M208 (SEE NOTE 28 ON SHEET 2)
 RET (OR R&R) DISTANT APPROACH INTERLOCKING SIGNAL #M208 (SEE NOTE ON SHEET 2)

553+00.10 3-SUDBURY-HUDSON_ACCESS_DRIVE = 358+13.49 TRANSMISSION LINE, 7.55' RT

N.O.	DESCRIPTION	BY	DATE	APPR.
1	HISTORIC FEATURE DISPOSITIONS		02/03/2022	

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 CONSTRUCTION PLANS

PLAN 55 OF 349

SCALE:	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO.	REV.
1"=20'	DEC 2021	MS	SK	MES		



CONT. ON SHEET 54

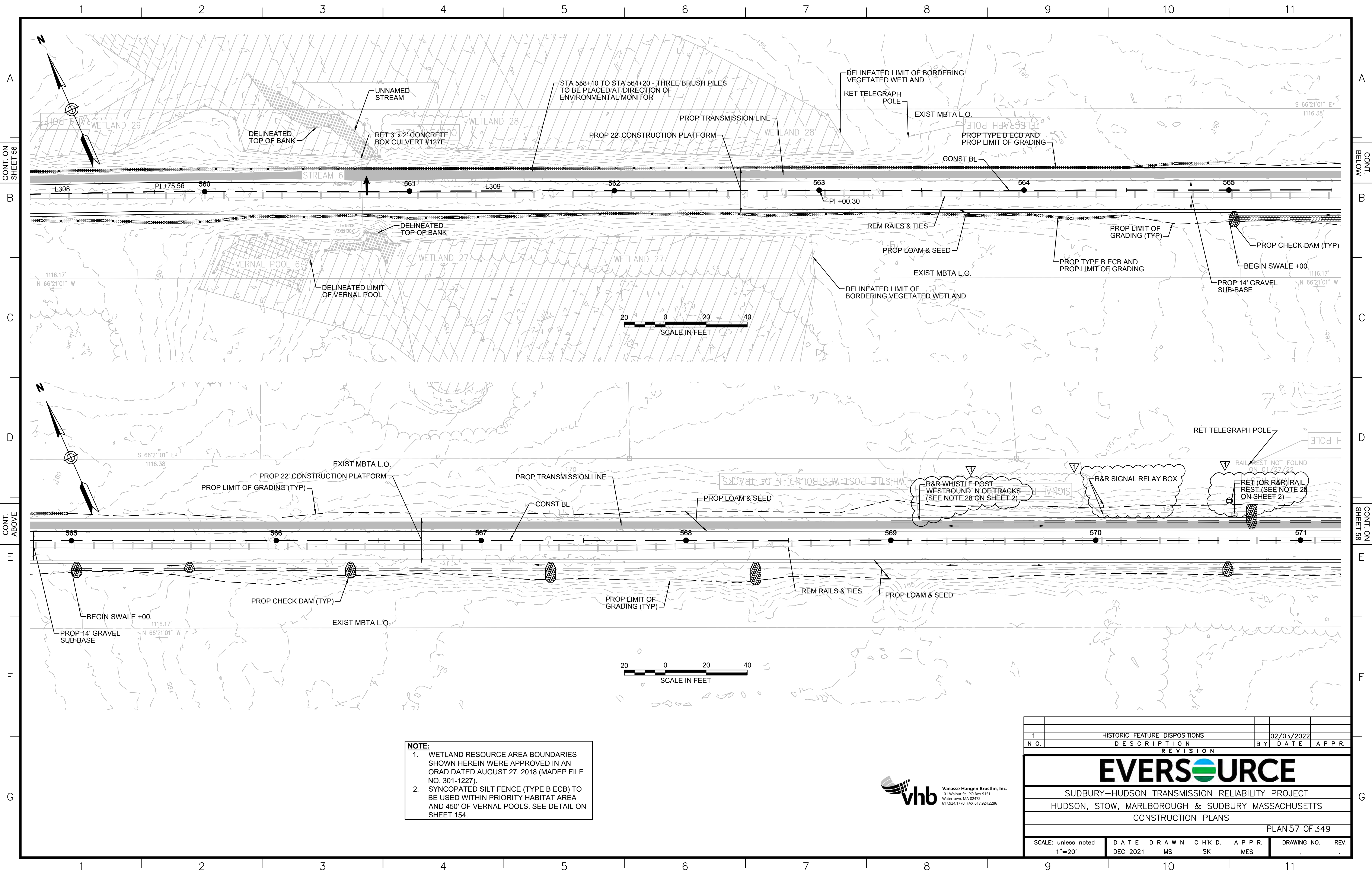
CONT. BELOW

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CONT. ON SHEET 56

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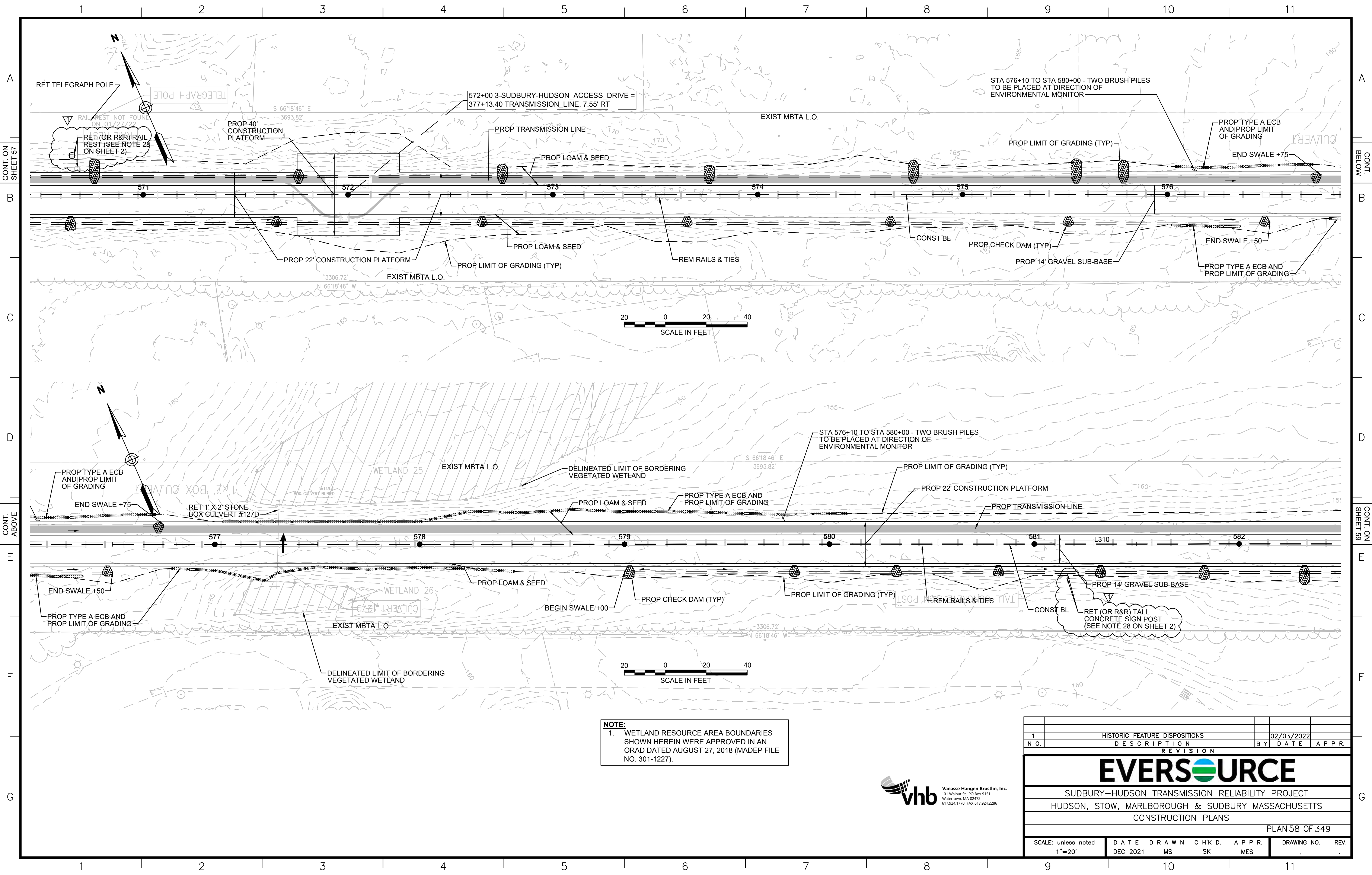
NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



HISTORIC FEATURE DISPOSITIONS		02/03/2022		
N.O.	DESCRIPTION	BY	DATE	APPR.
1				

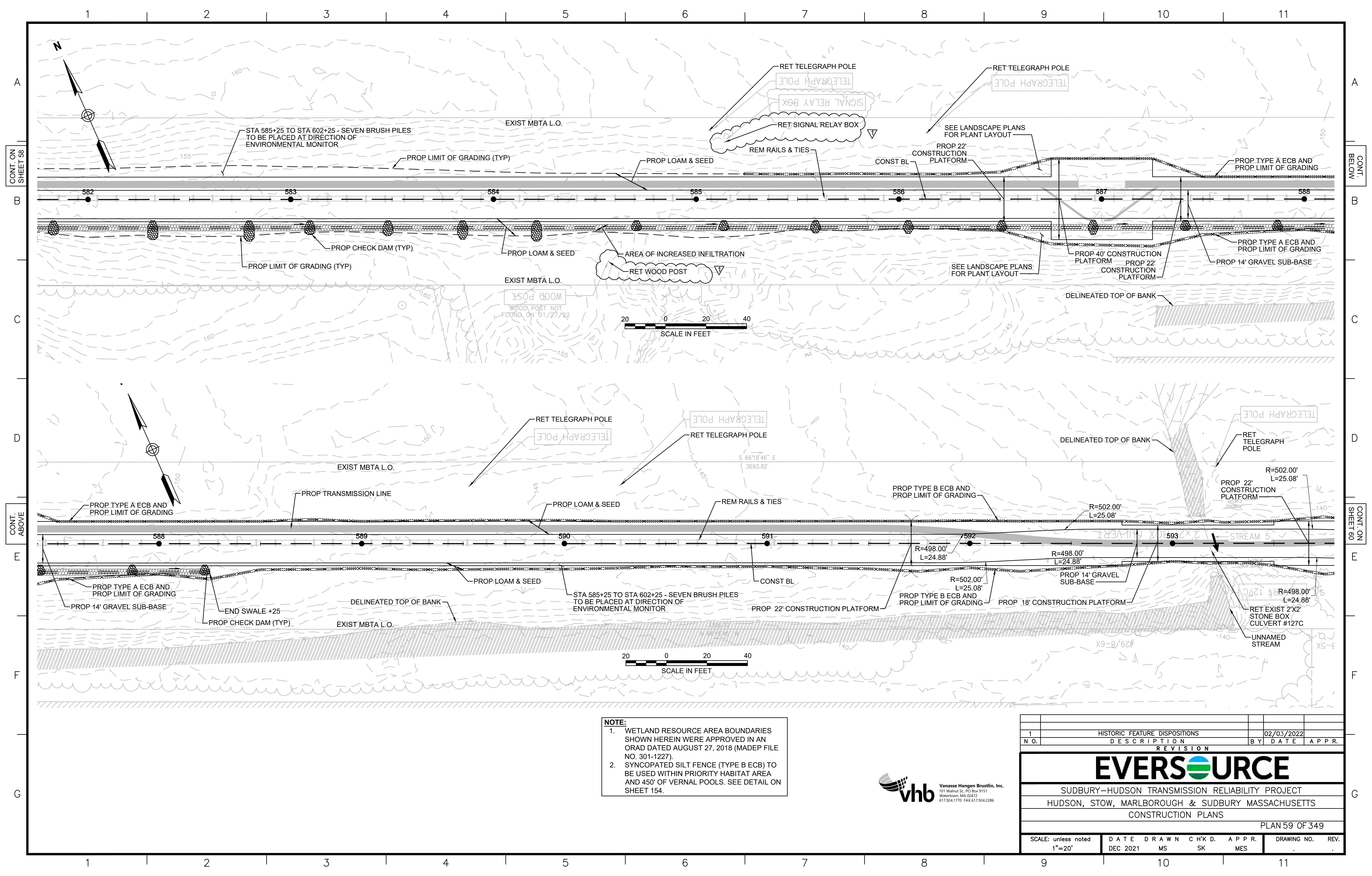
EVERSOURCE						
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT						
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS						
CONSTRUCTION PLANS						
PLAN 57 OF 349						
SCALE: unless noted 1"=20'	DATE DRAWN DEC 2021	CHK'D. MS	APPR. SK	MES	DRAWING NO.	REV.



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 58 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO. REV.
	DEC 2021	MS	SK	MES	



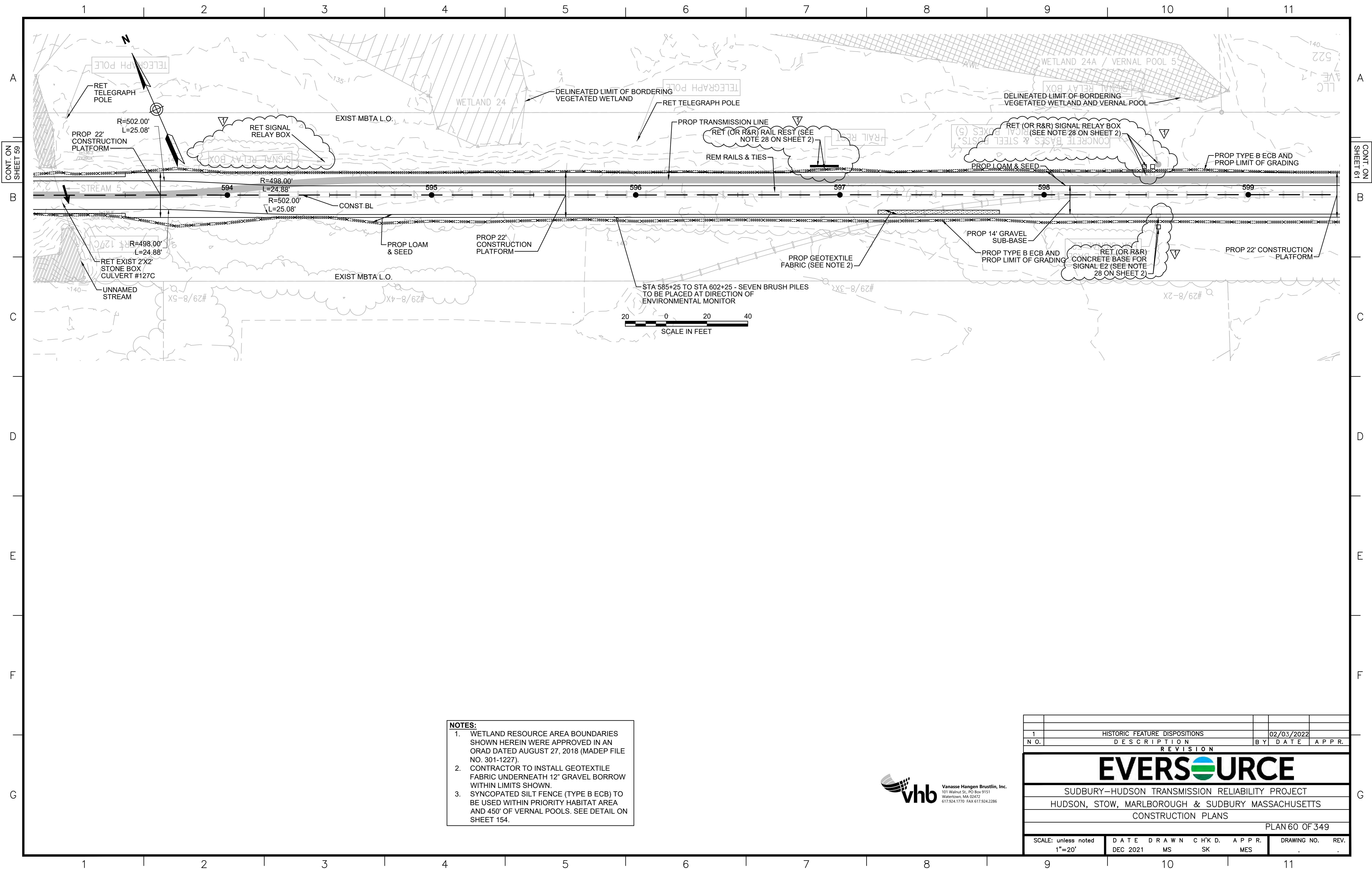
NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
2. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



HISTORIC FEATURE DISPOSITIONS		02/03/2022		
N.O.	DESCRIPTION	BY	DATE	APPR.
1				

EVERSOURCE						
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT						
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS						
CONSTRUCTION PLANS						
PLAN 59 OF 349						
SCALE: unless noted 1"=20'	DATE DRAWN DEC 2021	CHK'D. MS	APPR. SK	MES	DRAWING NO.	REV.



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
 3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.

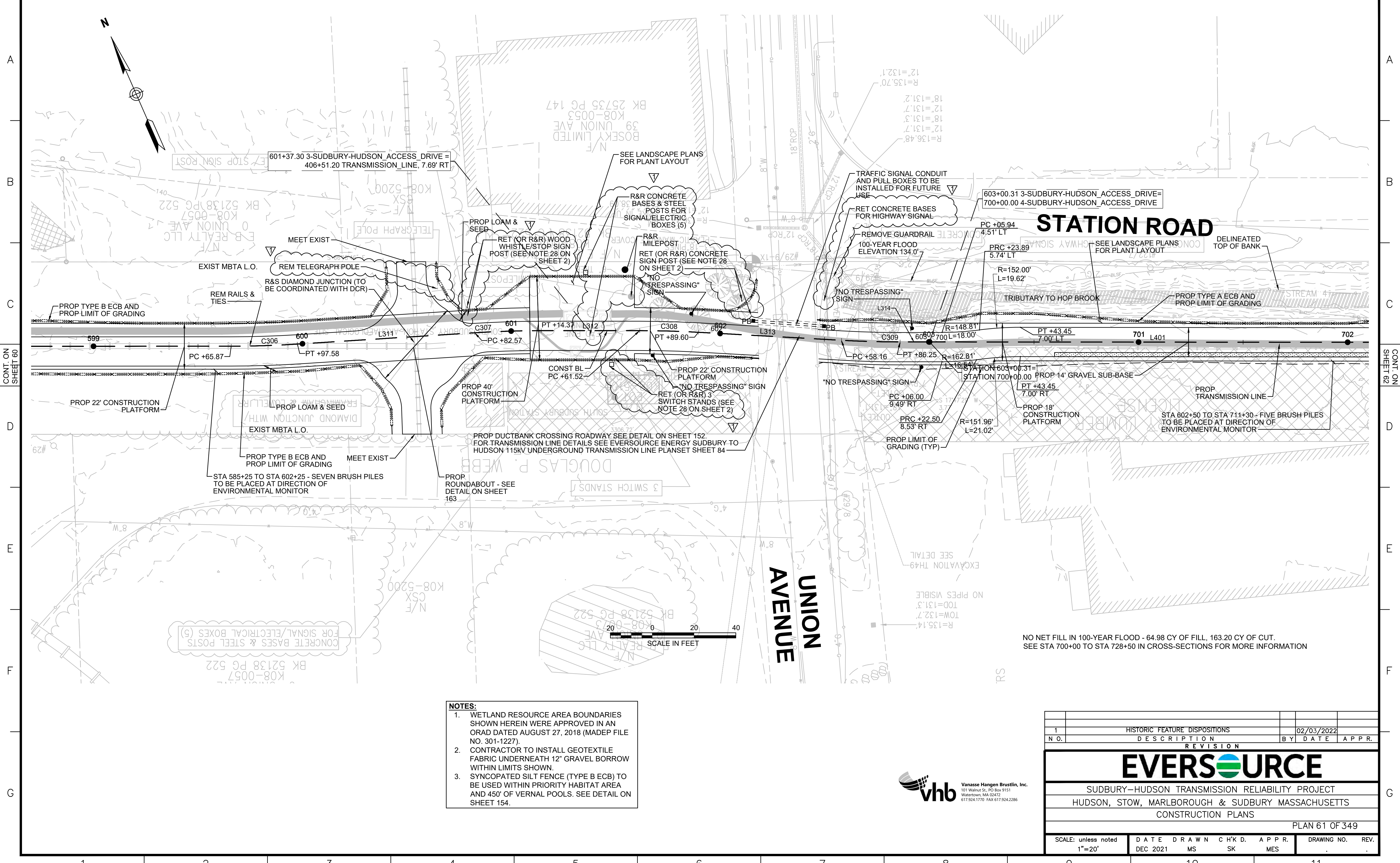


1		HISTORIC FEATURE DISPOSITIONS	02/03/2022	
N.O.		DESCRIPTION	BY	DATE
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION PLANS				
PLAN 60 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CH'K'D. SK	APPR. MES
DRAWING NO.	REV.			

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STATION ROAD

UNION AVENUE

601+37.30 3-SUDBURY-HUDSON_ACCESS_DRIVE = 406+51.20 TRANSMISSION_LINE, 7.69' RT

603+00.31 3-SUDBURY-HUDSON_ACCESS_DRIVE = 700+00.00 4-SUDBURY-HUDSON_ACCESS_DRIVE

CONCRETE BASES & STEEL POSTS FOR SIGNAL/ELECTRICAL BOXES (5)

PROP DUCTBANK CROSSING ROADWAY SEE DETAIL ON SHEET 152 FOR TRANSMISSION LINE DETAILS SEE EVERSOURCE ENERGY SUDBURY TO HUDSON 115KV UNDERGROUND TRANSMISSION LINE PLANSET SHEET 84

NO NET FILL IN 100-YEAR FLOOD - 64.98 CY OF FILL, 163.20 CY OF CUT. SEE STA 700+00 TO STA 728+50 IN CROSS-SECTIONS FOR MORE INFORMATION

- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
 3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.

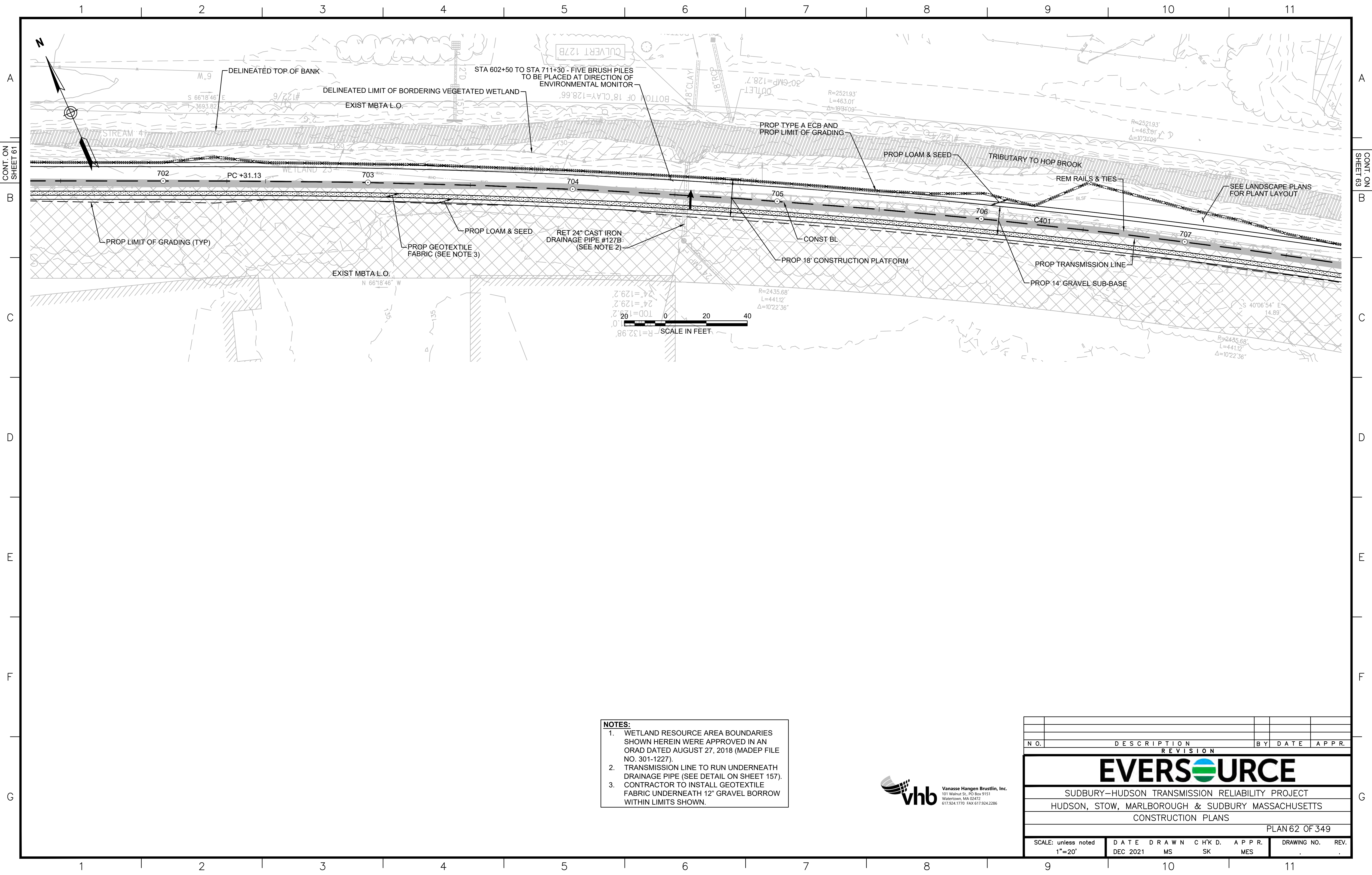


HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 61 OF 349			
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	DRAWING NO. REV.



CONT. ON SHEET 60

CONT. ON SHEET 62



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. TRANSMISSION LINE TO RUN UNDERNEATH DRAINAGE PIPE (SEE DETAIL ON SHEET 157).
 3. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.

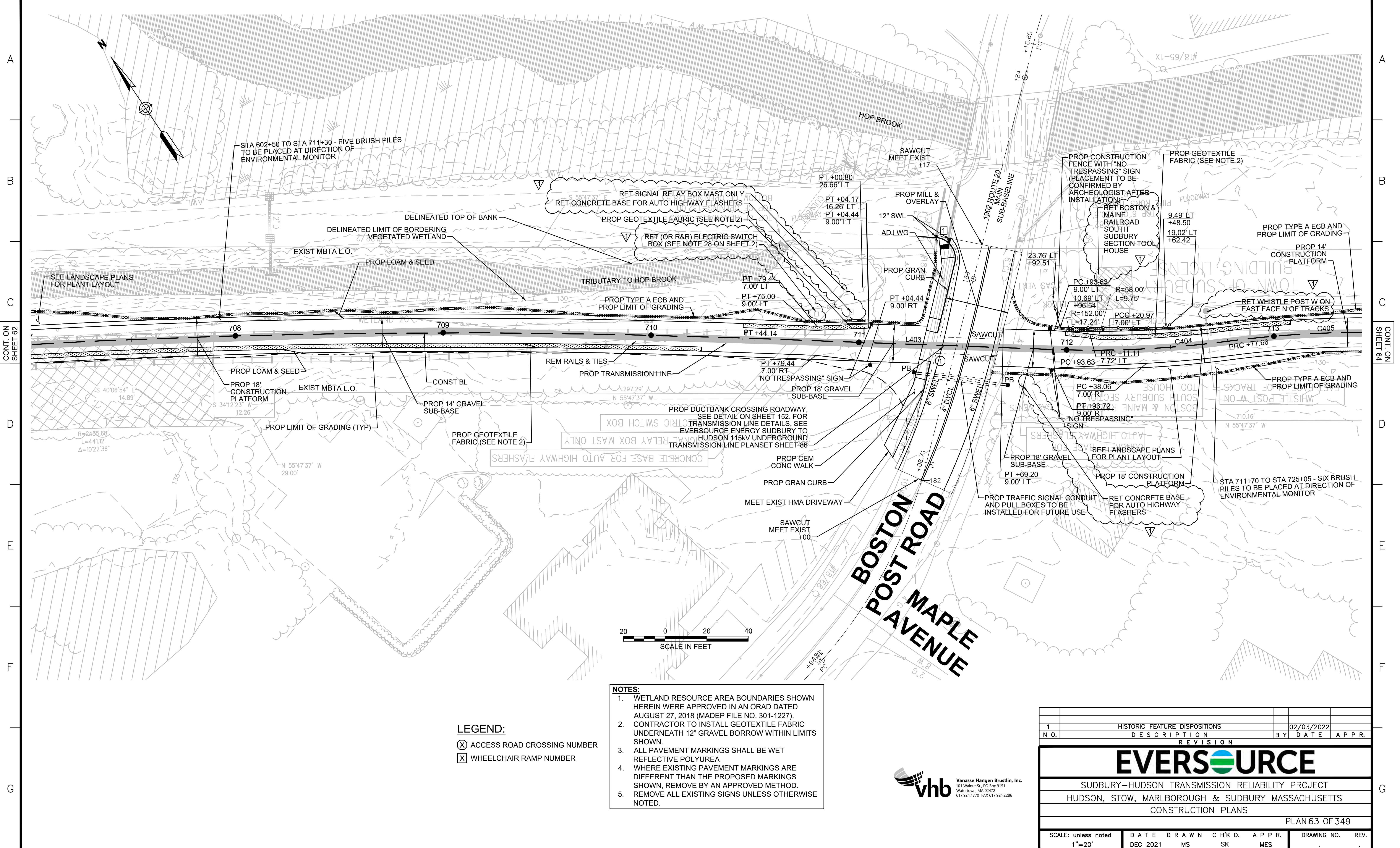


N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION PLANS				
PLAN 62 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.				REV.

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- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
 3. ALL PAVEMENT MARKINGS SHALL BE WET REFLECTIVE POLYUREA
 4. WHERE EXISTING PAVEMENT MARKINGS ARE DIFFERENT THAN THE PROPOSED MARKINGS SHOWN, REMOVE BY AN APPROVED METHOD.
 5. REMOVE ALL EXISTING SIGNS UNLESS OTHERWISE NOTED.

LEGEND:

- (X) ACCESS ROAD CROSSING NUMBER
- (X) WHEELCHAIR RAMP NUMBER



HISTORIC FEATURE DISPOSITIONS		02/03/2022		
N.O.	DESCRIPTION	BY	DATE	APPR.
1				
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION PLANS				
PLAN 63 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			

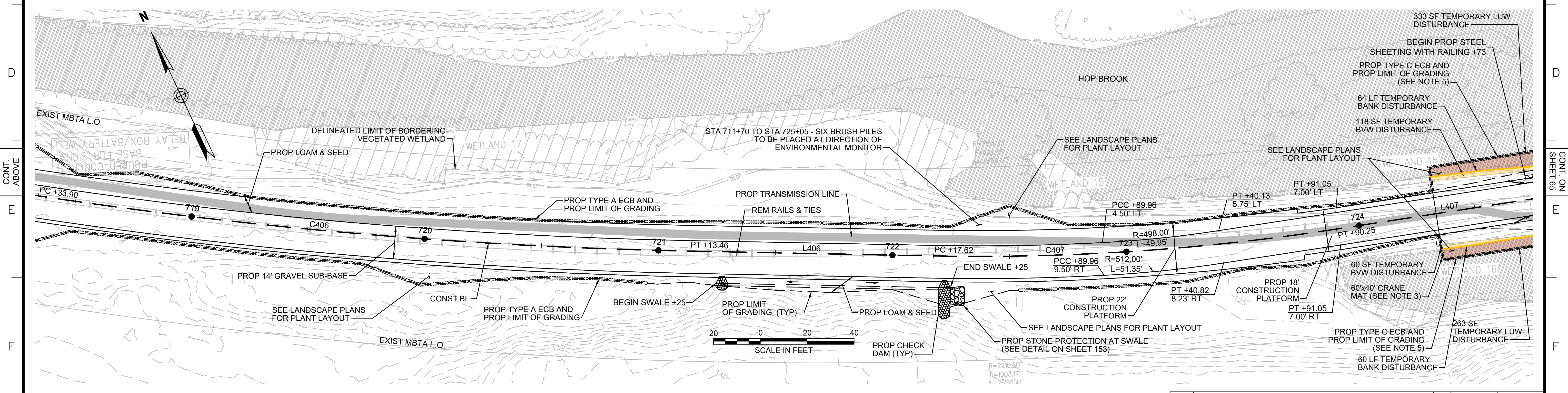
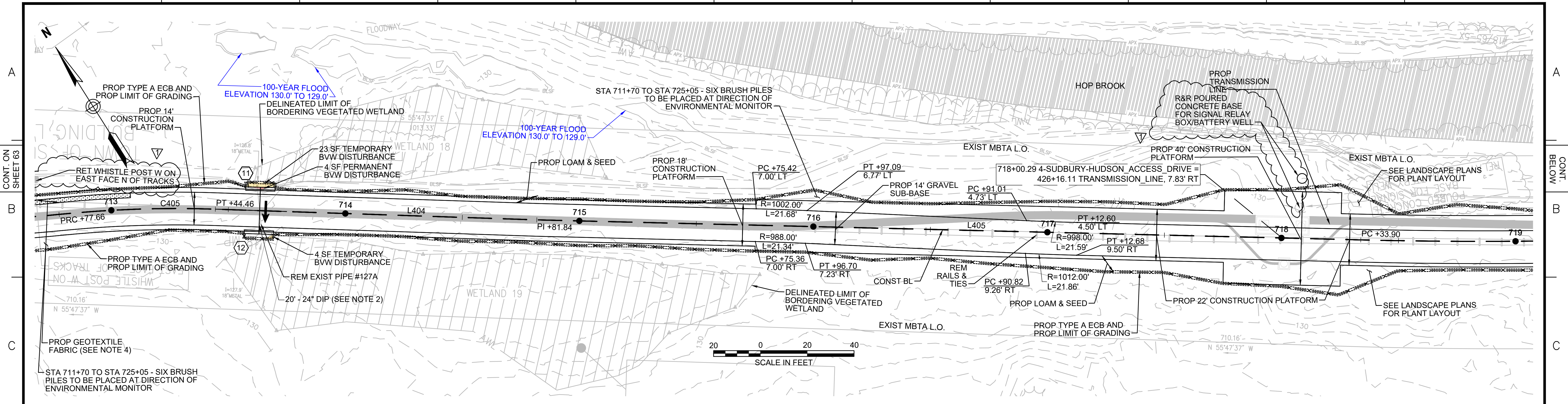
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CONT. ON SHEET 62

CONT. ON SHEET 64

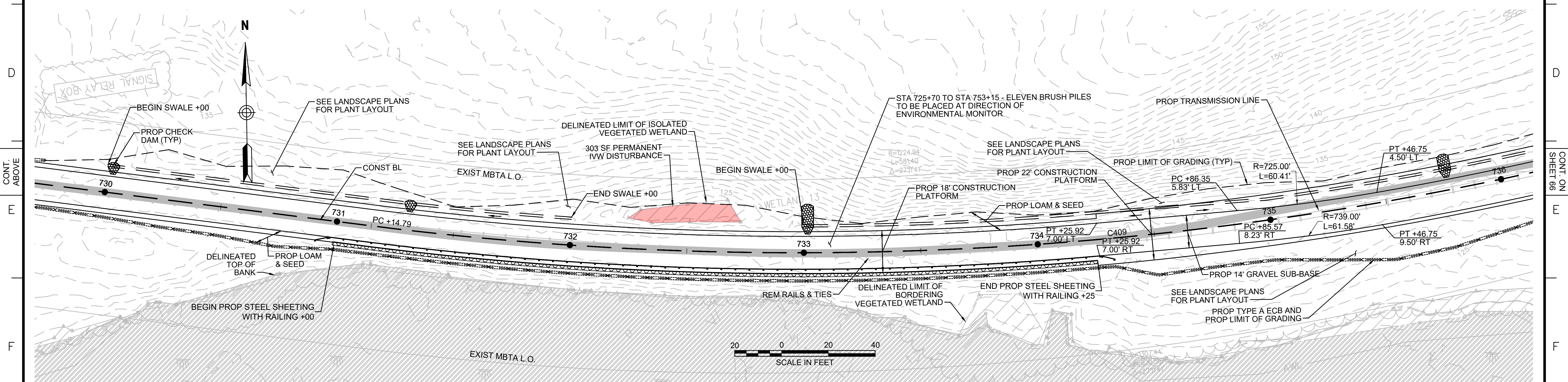
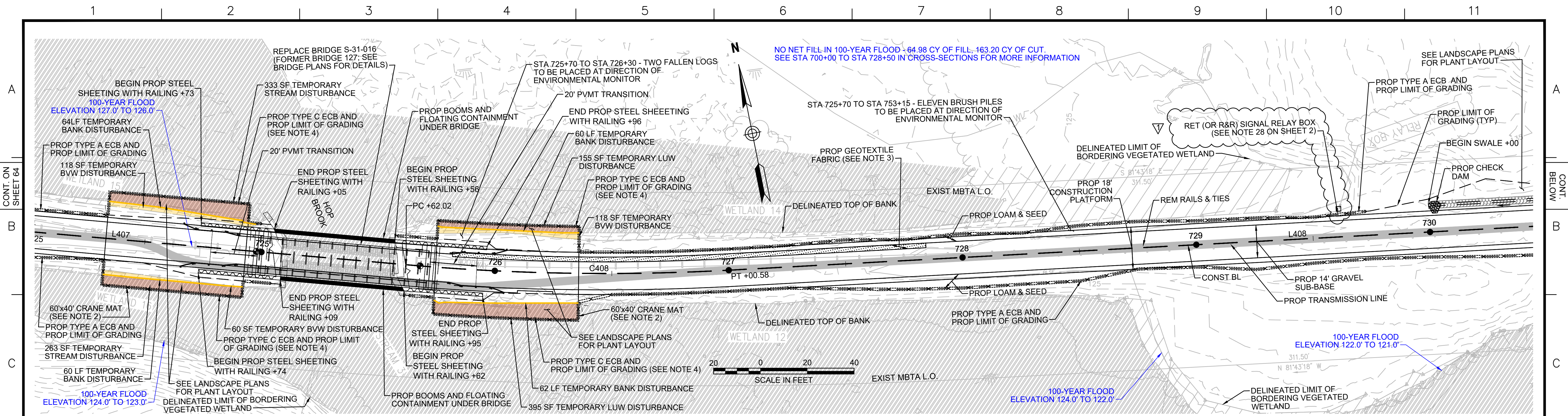


DRAINAGE STRUCTURE TABLE						
NO.	TYPE	STATION	RIM ELEV.	INV. IN	INV. OUT	REMARKS
11	Concrete Headwall	713+63, 10.0' LT		128.81'		18" REVEAL
12	Concrete Headwall	713+63, 10.0' RT		128.55'		18" REVEAL

- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. TRANSMISSION LINE TO RUN UNDERNEATH DRAINAGE PIPE.
 3. MAXIMUM CRANE PAD DIMENSIONS OF 40'X40' ARE ALLOWED AT ANY GIVEN TIME. A LONGER CRANE MAT FOOTPRINT IS SHOWN HERE TO ALLOW THE CRANE MAT LOCATION TO BE SHIFTED DURING CONSTRUCTION OF THE STEEL SHEETING AND BRIDGE.
 4. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
 5. TYPE C ECB SHALL CONSIST OF EITHER STAKED 4' HIGH SILT FENCE OR BOTTOM-ANCHORED TURBIDITY CURTAIN DEPENDING ON WATER LEVELS AT THE TIME OF CONSTRUCTION. THE APPROPRIATE ECB SHALL BE INSTALLED AT THE DIRECTION OF THE ENVIRONMENTAL MONITOR.



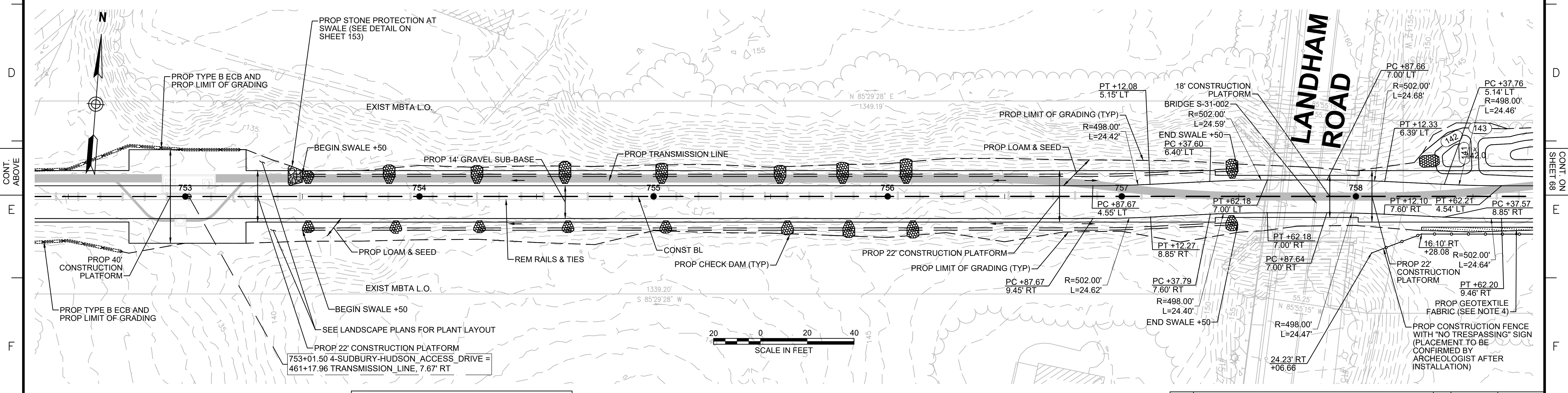
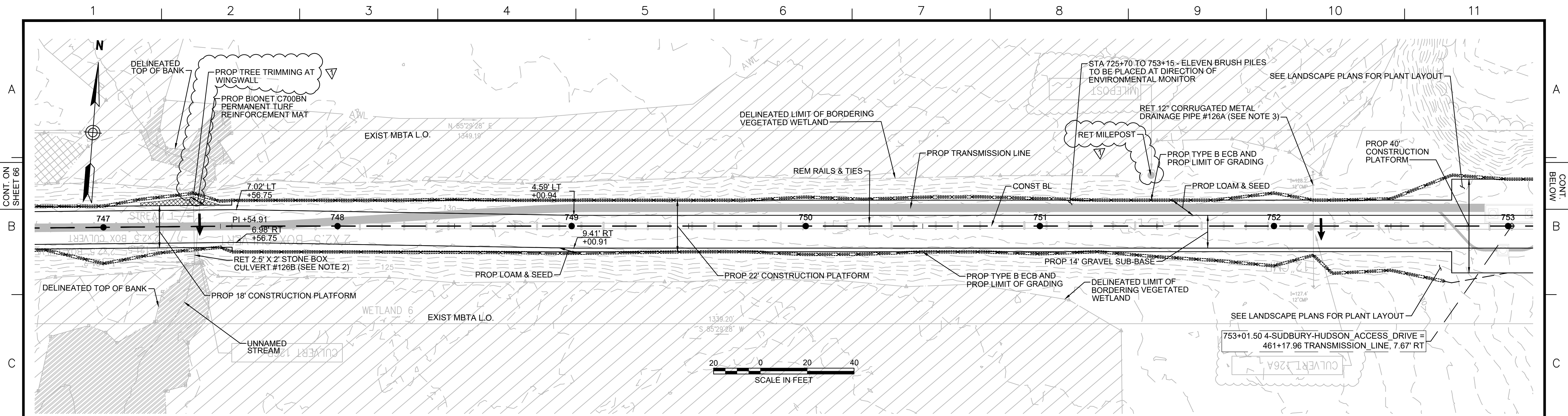
HISTORIC FEATURE DISPOSITIONS		02/03/2022
N.O.	DESCRIPTION	BY DATE APPR.
REVISION		
EVERSOURCE		
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT		
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS		
CONSTRUCTION PLANS		
PLAN 64 OF 349		
SCALE: unless noted 1"=20'	DATE DRAWN DEC 2021	CHK'D. APPR. MS SK MES
DRAWING NO.		REV.



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. MAXIMUM CRANE PAD DIMENSIONS OF 40'X40' ARE ALLOWED AT ANY GIVEN TIME. A LONGER CRANE MAT FOOTPRINT IS SHOWN HERE TO ALLOW THE CRANE MAT LOCATION TO BE SHIFTED DURING CONSTRUCTION OF THE STEEL SHEETING AND BRIDGE.
 3. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
 4. TYPE C ECB SHALL CONSIST OF EITHER STAKE 4' HIGH SILT FENCE OR BOTTOM-ANCHORED TURBIDITY CURTAIN DEPENDING ON WATER LEVELS AT THE TIME OF CONSTRUCTION. THE APPROPRIATE ECB SHALL BE INSTALLED AT THE DIRECTION OF THE ENVIRONMENTAL MONITOR.



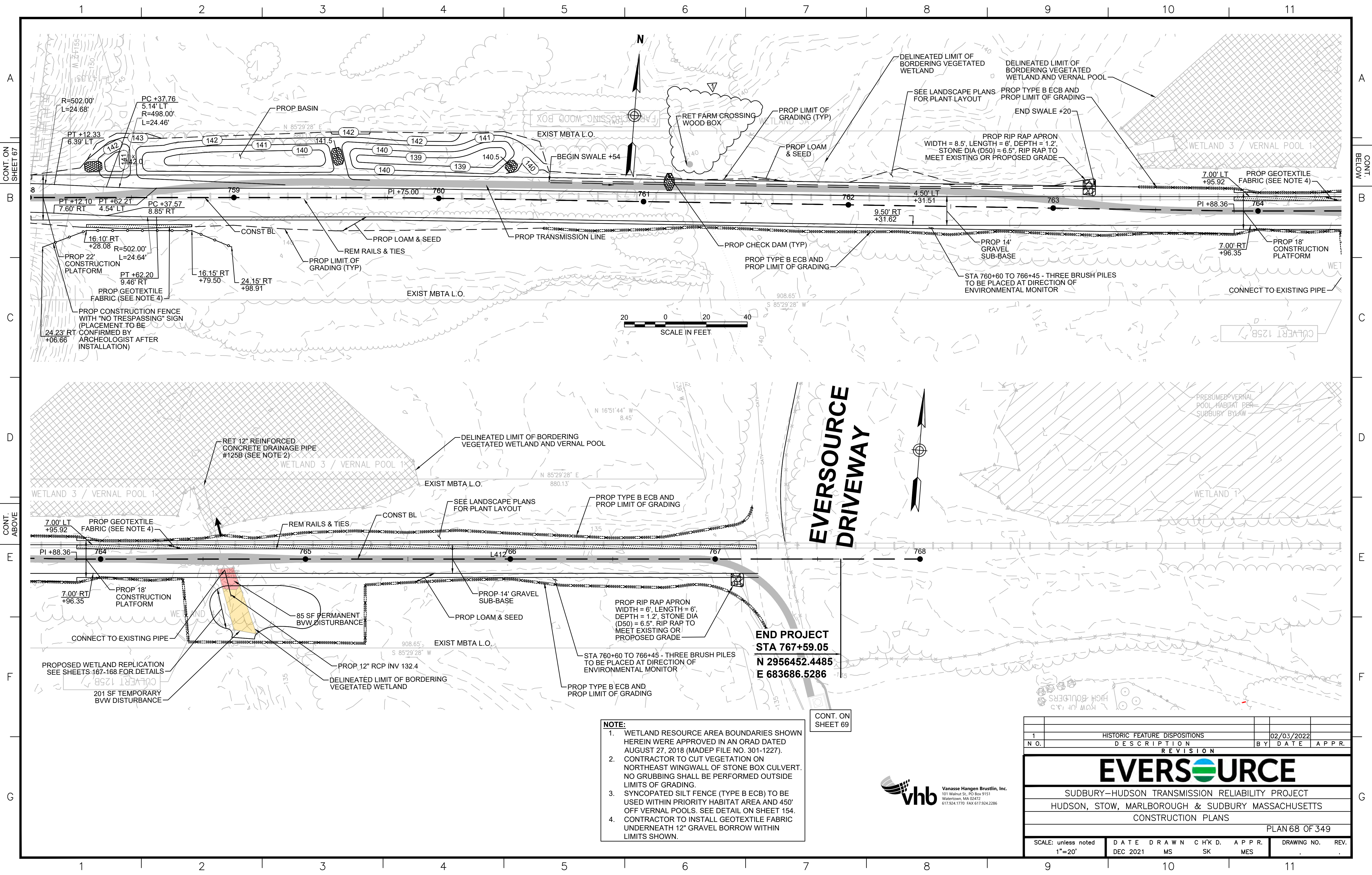
1		HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE	APPR.	
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 65 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO. REV.
	DEC 2021	MS	SK	MES	



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. CONTRACTOR TO CUT VEGETATION ON NORTHEAST WINGWALL OF STONE BOX CULVERT. NO GRUBBING SHALL BE PERFORMED OUTSIDE LIMITS OF GRADING.
 3. CONTRACTOR TO CLEAR SEDIMENT IN DRAINAGE PIPE BY HAND.
 4. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOLS. SEE DETAIL ON SHEET 154.



1	HISTORIC FEATURE DISPOSITIONS	02/03/2022	
N.O.	DESCRIPTION	BY DATE	APPR.
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 67 OF 349			
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	REV.



NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
2. CONTRACTOR TO CUT VEGETATION ON NORTHEAST WINGWALL OF STONE BOX CULVERT. NO GRUBBING SHALL BE PERFORMED OUTSIDE LIMITS OF GRADING.
3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OFF VERNAL POOLS. SEE DETAIL ON SHEET 154.
4. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.

CONT. ON SHEET 69



HISTORIC FEATURE DISPOSITIONS		02/03/2022	
N.O.	DESCRIPTION	BY	DATE
REVISION			
EVERSOURCE			
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT			
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS			
CONSTRUCTION PLANS			
PLAN 68 OF 349			
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.
	DEC 2021	MS	SK
			APPR.
			MES
DRAWING NO.	REV.		

END PROJECT
STA 767+59.05
N 2956452.4485
E 683686.5286

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EVERSOURCE DRIVEWAY

EVERSOURCE DRIVEWAY

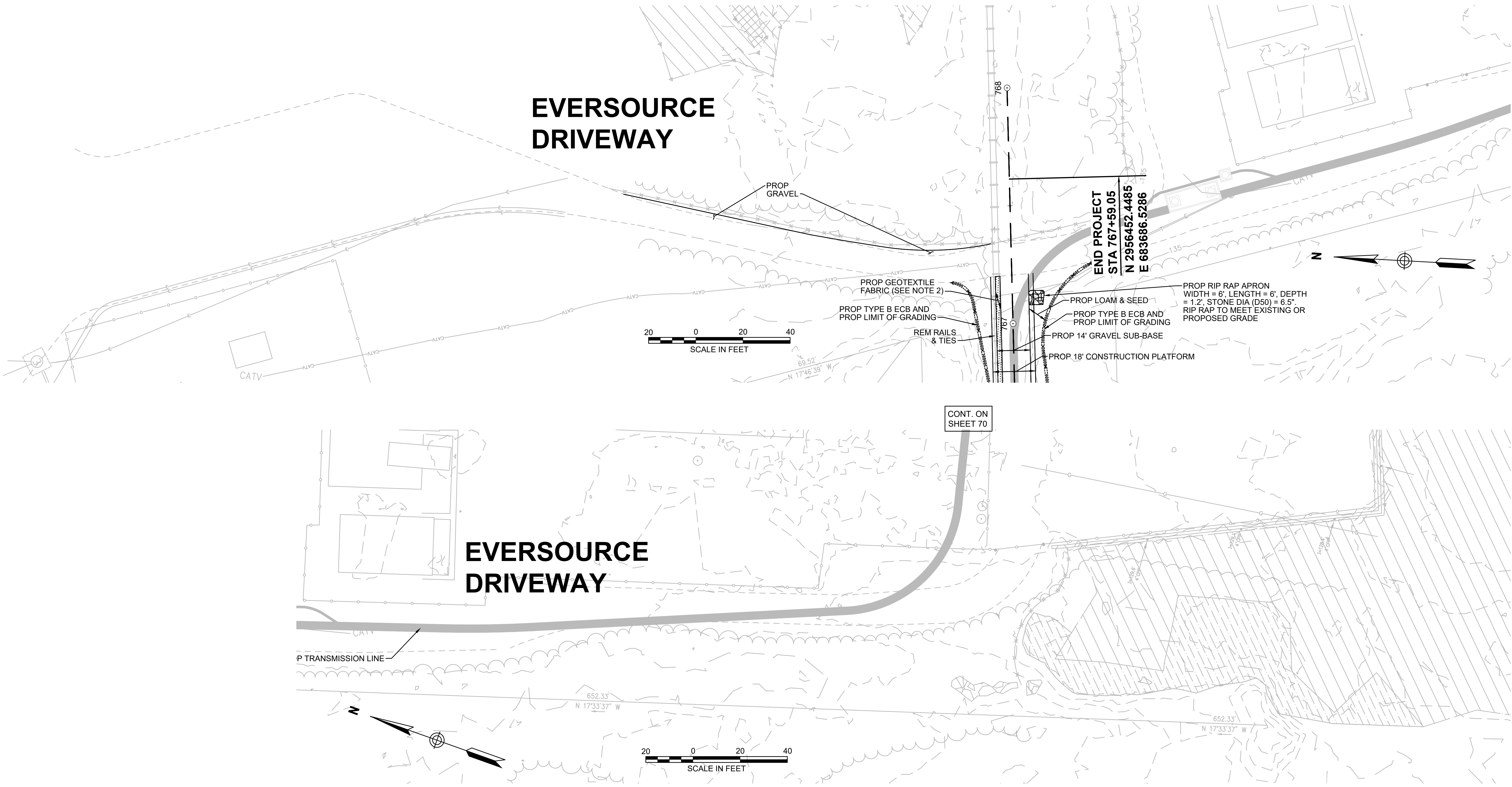
END PROJECT
STA 767+59.05
N 2956452.4485
E 683686.5286



- NOTES:**
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).
 2. CONTRACTOR TO INSTALL GEOTEXTILE FABRIC UNDERNEATH 12" GRAVEL BORROW WITHIN LIMITS SHOWN.
 3. SYNCOPATED SILT FENCE (TYPE B ECB) TO BE USED WITHIN PRIORITY HABITAT AREA AND 450' OF VERNAL POOL. SEE DETAIL ON SHEET 154.



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
CONSTRUCTION PLANS					
PLAN 69 OF 349					
SCALE: unless noted 1"=20'		DATE	DRAWN	CHK'D.	APPR.
		DEC 2021	MS	SK	MES
DRAWING NO.					REV.



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1-SUDBURY-HUDSON-ACCESS-ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L101	99+50.00	2969274.969	646438.132		S57° 19' 07"E 81.72'	100+31.72	2969230.845	646506.912
C101	100+31.72	2969230.845	646506.912	R = 40.00' Δ= 35°52'18" L=25.04' T=12.95'		100+56.76	2969224.574	646530.737
L102	100+56.76	2969224.574	646530.737		N86° 48' 34"E 48.81'	101+05.57	2969227.291	646579.472
C102	101+05.57	2969227.291	646579.472	R = 200.00' Δ= 15°02'47" L=52.52' T=26.41'		101+58.09	2969237.027	646630.930
L103	101+58.09	2969237.027	646630.930		N71° 45' 47"E 1063.15'	112+21.25	2969569.737	647640.682
C103	112+21.25	2969569.737	647640.682	R = 1400.00' Δ= 28°11'56" L=689.03' T=351.64'		119+10.28	2969618.950	648321.003
L104	119+10.28	2969618.950	648321.003		S80° 02' 16"E 1065.88'	129+76.16	2969434.556	649370.812
C104	129+76.16	2969434.556	649370.812	R = 2800.00' Δ= 12°47'24" L=625.04' T=313.83'		136+01.20	2969258.894	649969.313
L105	136+01.20	2969258.894	649969.313		S67° 14' 52"E 680.66'	142+81.86	2968995.652	650597.005
C105	142+81.86	2968995.652	650597.005	R = 500.00' Δ= 2°17'26" L=19.99' T=10.00'		143+01.85	2968988.291	650615.589
L106	143+01.85	2968988.291	650615.589		S69° 32' 18"E 30.05'	143+31.90	2968977.787	650643.741
C106	143+31.90	2968977.787	650643.741	R = 500.00' Δ= 2°17'26" L=19.99' T=10.00'		143+51.89	2968970.427	650662.324
L107	143+51.89	2968970.427	650662.324		S67° 14' 52"E 230.01'	145+81.89	2968881.472	650874.434
C107	145+81.89	2968881.472	650874.434	R = 500.00' Δ= 2°17'26" L=19.99' T=10.00'		146+01.88	2968873.375	650892.709
L108	146+01.88	2968873.375	650892.709		S64° 57' 26"E 30.05'	146+31.93	2968860.656	650919.932
C108	146+31.93	2968860.656	650919.932	R = 500.00' Δ= 2°17'26" L=19.99' T=10.00'		146+51.92	2968852.559	650938.207
L109	146+51.92	2968852.559	650938.207		S67° 14' 52"E 358.25'	150+10.17	2968714.005	651268.583
C109	150+10.17	2968714.005	651268.583	R = 2300.00' Δ= 8°06'43" L=325.63' T=163.09'		153+35.80	2968609.711	651576.773
L110	153+35.80	2968609.711	651576.773		S75° 21' 35"E 196.11'	155+31.91	2968560.145	651766.511
C110	155+31.91	2968560.145	651766.511	R = 500.00' Δ= 2°17'05" L=19.94' T=9.97'		155+51.85	2968554.722	651785.695
L111	155+51.85	2968554.722	651785.695		S73° 04' 30"E 80.40'	156+32.25	2968531.316	651862.614
C111	156+32.25	2968531.316	651862.614	R = 500.00' Δ= 2°17'05" L=19.94' T=9.97'		156+52.19	2968525.894	651881.798
L112	156+52.19	2968525.894	651881.798		S75° 21' 35"E 494.94'	161+47.12	2968400.798	652360.665
C112	161+47.12	2968400.798	652360.665	R = 500.00' Δ= 4°34'26" L=39.91' T=19.97'		161+87.04	2968392.260	652399.645
L113	161+87.04	2968392.260	652399.645		S79° 56' 01"E 10.22'	161+97.26	2968390.473	652409.711
C113	161+97.26	2968390.473	652409.711	R = 500.00' Δ= 4°34'26" L=39.91' T=19.97'		162+37.18	2968381.936	652448.692
L114	162+37.18	2968381.936	652448.692		S75° 21' 35"E 325.80'	165+62.97	2968299.591	652763.911
C114	165+62.97	2968299.591	652763.911	R = 500.00' Δ= 2°17'07" L=19.94' T=9.97'		165+82.92	2968294.166	652783.101
C115	165+82.92	2968294.166	652783.101	R = 2000.00' Δ= 7°17'45" L=254.67' T=127.51'		168+37.59	2968204.731	653021.372
C116	168+37.59	2968204.731	653021.372	R = 500.00' Δ= 3°55'20" L=34.23' T=17.12'		168+71.82	2968189.631	653052.082

1-SUDBURY-HUDSON-ACCESS-ROAD CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L115	168+71.82	2968189.631	653052.082		S61° 51' 22"E 529.98'	174+01.80	2967939.647	653519.398
C117	174+01.80	2967939.647	653519.398	R = 500.00' Δ= 3°54'19" L=34.08' T=17.05'		174+35.88	2967924.608	653549.974
L116	174+35.88	2967924.608	653549.974		S65° 45' 41"E 36.37'	174+72.25	2967909.677	653583.135
C118	174+72.25	2967909.677	653583.135	R = 500.00' Δ= 4°35'46" L=40.11' T=20.07'		175+12.35	2967891.763	653619.009
L117	175+12.35	2967891.763	653619.009		S61° 09' 55"E 234.86'	177+47.22	2967778.491	653824.754
C119	177+47.22	2967778.491	653824.754	R = 500.00' Δ= 4°34'29" L=39.92' T=19.97'		177+87.14	2967757.862	653858.921
L118	177+87.14	2967757.862	653858.921		S56° 35' 26"E 10.72'	177+97.86	2967751.962	653867.866
C120	177+97.86	2967751.962	653867.866	R = 500.00' Δ= 4°35'18" L=40.04' T=20.03'		178+37.90	2967731.276	653902.137
L119	178+37.90	2967731.276	653902.137		S61° 10' 44"E 255.16'	180+93.06	2967608.269	654125.690
C121	180+93.06	2967608.269	654125.690	R = 200.00' Δ= 13°48'39" L=48.21' T=24.22'		181+41.27	2967590.318	654170.307
C122	181+41.27	2967590.318	654170.307	R = 50.00' Δ= 33°35'20" L=29.31' T=15.09'		181+70.58	2967575.091	654194.862
L120	181+70.58	2967575.091	654194.862		S41° 24' 03"E 53.66'	182+24.24	2967534.839	654230.350
C123	182+24.24	2967534.839	654230.350	R = 60.00' Δ= 47°56'15" L=50.20' T=26.67'		182+74.44	2967514.523	654274.663
C124	182+74.44	2967514.523	654274.663	R = 80.00' Δ= 27°43'21" L=38.71' T=19.74'		183+13.15	2967504.910	654311.769
L121	183+13.15	2967504.910	654311.769		S61° 36' 57"E 368.60'	186+81.74	2967329.686	654636.052
C125	186+81.74	2967329.686	654636.052	R = 6500.00' Δ= 4°41'05" L=531.46' T=265.88'		192+13.21	2967096.424	655113.425
L122	192+13.21	2967096.424	655113.425		S66° 18' 02"E 2021.93'	212+35.14	2966283.729	656964.841
C126	212+35.14	2966283.729	656964.841	R = 100.00' Δ= 22°30'52" L=39.30' T=19.90'		212+74.44	2966261.359	656996.840
C127	212+74.44	2966261.359	656996.840	R = 100.00' Δ= 35°52'08" L=62.60' T=32.37'		213+37.04	2966232.181	657051.075
L123	213+37.04	2966232.181	657051.075		S79° 39' 18"E 42.56'	213+79.60	2966224.538	657092.945
C128	213+79.60	2966224.538	657092.945	R = 100.00' Δ= 13°22'03" L=23.33' T=11.72'		214+02.93	2966217.721	657115.202
L124	214+02.93	2966217.721	657115.202		S66° 17' 15"E 38.73'	214+41.66	2966202.144	657150.666

CHESTNUT-STREET CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L501	800+00.00	2969511.351	649678.545		S10° 58' 48"W 181.91'	801+81.91	2969332.767	649643.897
C501	801+81.91	2969332.767	649643.897	R = 1000.00' Δ= 4°22'21" L=76.32' T=38.18'		802+58.23	2969257.368	649632.233
L502	802+58.23	2969257.368	649632.233		S6° 36' 27"W 41.77'	803+00.00	2969215.874	649627.426



NO.		DESCRIPTION		BY	DATE	APPR.
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SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT						
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS						
CONSTRUCTION BASELINE DATA						
PLAN 71 OF 349						
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHECKED SK	APPROVED MES	DRAWING NO.	REV.

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2-SUDBURY-HUDSON-ACCESS-DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L201	300+00.00	2966202.1444	657150.6659		S66°17'15"E 569.94'	305+69.94	2965972.9435	657672.4880
C201	305+69.94	2965972.9435	657672.4880	R=500.00' Δ=2°19'14" L=20.25' T=10.13'		305+90.19	2965965.1773	657691.1890
L202	305+90.19	2965965.1773	657691.1890		S68°36'29"E 31.19'	306+21.38	2965953.7996	657720.2333
C202	306+21.38	2965953.7996	657720.2333	R=500.00' Δ=2°17'26" L=19.99' T=10.00'		306+41.37	2965946.1385	657738.6949
L203	306+41.37	2965946.1385	657738.6949		S66°19'03"E 730.01'	313+71.38	2965652.9160	658407.2248
C203	313+71.38	2965652.9160	658407.2248	R=500.00' Δ=2°17'26" L=19.99' T=10.00'		313+91.37	2965644.5231	658425.3653
L204	313+91.37	2965644.5231	658425.3653		S64°01'36"E 29.68'	314+21.05	2965631.5251	658452.0469
C204	314+21.05	2965631.5251	658452.0469	R=500.00' Δ=2°17'04" L=19.94' T=9.97'		314+40.99	2965623.1534	658470.1391
L205	314+40.99	2965623.1534	658470.1391		S66°18'41"E 2288.82'	337+29.81	2964703.5807	660566.1091
C205	337+29.81	2964703.5807	660566.1091	R=500.00' Δ=4°31'29" L=39.49' T=19.75'		337+69.29	2964686.3060	660601.6044
L206	337+69.29	2964686.3060	660601.6044		S61°47'12"E 11.20'	337+80.49	2964681.0125	660611.4712
C206	337+80.49	2964681.0125	660611.4712	R=500.00' Δ=4°31'29" L=39.49' T=19.75'		338+19.98	2964663.7378	660646.9665
L207	338+19.98	2964663.7378	660646.9665		S66°18'41"E 209.72'	340+29.70	2964579.4775	660839.0199
C207	340+29.70	2964579.4775	660839.0199	R=500.00' Δ=4°17'58" L=37.52' T=18.77'		340+67.22	2964565.7061	660873.9108
L208	340+67.22	2964565.7061	660873.9108		S70°36'39"E 15.82'	340+83.04	2964560.4544	660888.8329
C208	340+83.04	2964560.4544	660888.8329	R=500.00' Δ=4°17'58" L=37.52' T=18.77'		341+20.56	2964546.6830	660923.7239
L209	341+20.56	2964546.6830	660923.7239		S66°18'41"E 359.47'	344+80.03	2964402.2587	661252.9083
C209	344+80.03	2964402.2587	661252.9083	R=500.00' Δ=4°34'26" L=39.91' T=19.97'		345+19.95	2964387.6974	661290.0610
L210	345+19.95	2964387.6974	661290.0610		S70°53'07"E 10.12'	345+30.07	2964384.3829	661299.6249
C210	345+30.07	2964384.3829	661299.6249	R=500.00' Δ=4°34'16" L=39.89' T=19.96'		345+69.96	2964369.8317	661336.7545
L211	345+69.96	2964369.8317	661336.7545		S66°18'51"E 159.98'	347+29.94	2964305.5655	661483.2559
C211	347+29.94	2964305.5655	661483.2559	R=500.00' Δ=4°23'59" L=38.39' T=19.21'		347+68.33	2964288.8077	661517.7892
L212	347+68.33	2964288.8077	661517.7892		S61°54'53"E 13.79'	347+82.12	2964282.3158	661529.9549

2-SUDBURY-HUDSON-ACCESS-DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
C212	347+82.12	2964282.3158	661529.9549	R=500.00' Δ=4°23'48" L=38.37' T=19.19'		348+20.49	2964265.5682	661564.4651
L213	348+20.49	2964265.5682	661564.4651		S66°18'41"E 1267.77'	360+88.26	2963756.2200	662725.4156
C213	360+88.26	2963756.2200	662725.4156	R=80.00' Δ=16°41'57" L=23.32' T=11.74'		361+11.58	2963743.8947	662745.1110
L214	361+11.58	2963743.8947	662745.1110		S49°36'43"E 16.84'	361+28.41	2963732.9851	662757.9352
C214	361+28.41	2963732.9851	662757.9352	R=80.00' Δ=32°54'10" L=45.94' T=23.62'		361+74.35	2963714.6008	662799.3503
L215	361+74.35	2963714.6008	662799.3503		S82°30'53"E 18.74'	361+93.10	2963712.1592	662817.9331
C215	361+93.10	2963712.1592	662817.9331	R=80.00' Δ=16°12'13" L=22.62' T=11.39'		362+15.72	2963706.1003	662839.6528
L216	362+15.72	2963706.1003	662839.6528		S66°18'41"E 417.03'	366+32.74	2963538.5534	663221.5402
C216	366+32.74	2963538.5534	663221.5402	R=500.00' Δ=5°07'35" L=44.74' T=22.38'		366+77.48	2963522.4353	663263.2560
C217	366+77.48	2963522.4353	663263.2560	R=500.00' Δ=5°07'35" L=44.74' T=22.38'		367+22.22	2963506.3172	663304.9718
L217	367+22.22	2963506.3172	663304.9718		S66°18'41"E 162.17'	368+84.39	2963441.1621	663453.4789
C218	368+84.39	2963441.1621	663453.4789	R=500.00' Δ=5°03'10" L=44.09' T=22.06'		369+28.48	2963421.6905	663493.0242
C219	369+28.48	2963421.6905	663493.0242	R=500.00' Δ=4°58'12" L=43.37' T=21.70'		369+71.85	2963402.5097	663531.9080
L218	369+71.85	2963402.5097	663531.9080		S66°13'43"E 2255.15'	392+27.00	2962493.4828	665595.7301
L219	392+27.00	2962493.4828	665595.7301		S66°18'55"E 1499.60'	407+26.60	2961891.0882	666969.0153
C220	407+26.60	2961891.0882	666969.0153	R=500.00' Δ=2°19'04" L=20.23' T=10.11'		407+46.82	2961882.5913	666987.3676
L220	407+46.82	2961882.5913	666987.3676		S63°59'51"E 27.94'	407+74.76	2961870.3416	667012.4806
C221	407+74.76	2961870.3416	667012.4806	R=500.00' Δ=2°17'42" L=20.03' T=10.01'		407+94.79	2961861.9243	667030.6513
L221	407+94.79	2961861.9243	667030.6513		S66°17'33"E 730.94'	415+25.73	2961568.0374	667699.9070
C222	415+25.73	2961568.0374	667699.9070	R=499.59' Δ=7°40'18" L=66.89' T=33.50'		415+92.62	2961545.3163	667762.7705
C223	415+92.62	2961545.3163	667762.7705	R=500.00' Δ=7°45'40" L=67.73' T=33.92'		416+60.35	2961522.2623	667826.3998
L222	416+60.35	2961522.2623	667826.3998		S66°12'11"E 50.19'	417+10.54	2961502.0115	667872.3213



NO.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION LINE RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION BASELINE DATA				
PLAN 72 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
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3-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L301	500+00.00	2961502.012	667872.321		S66° 12' 11"E 2.28'	500+02.28	2961501.092	667874.407
C301	500+02.28	2961501.092	667874.407	R=500.00' Δ=7°41'35" L=67.14' T=33.62'		500+69.41	2961469.967	667933.834
C302	500+69.41	2961469.967	667933.834	R=500.00' Δ=7°41'34" L=67.13' T=33.62'		501+36.55	2961438.842	667993.259
L302	501+36.55	2961438.842	667993.259		S66° 12' 10"E 352.24'	504+88.78	2961296.716	668315.548
L303	504+88.78	2961296.716	668315.548		S66° 29' 41"E 714.53'	512+03.31	2961011.736	668970.789
L304	512+03.31	2961011.736	668970.789		S65° 47' 36"E 355.56'	515+58.87	2960865.948	669295.083
C303	515+58.87	2960865.948	669295.083	R=2000.00' Δ=2°02'02" L=70.99' T=35.50'		516+29.86	2960837.994	669360.337
L305	516+29.86	2960837.994	669360.337		S67° 49' 38"E 62.53'	516+92.40	2960814.394	669418.247
C304	516+92.40	2960814.394	669418.247	R=5000.00' Δ=2°28'08" L=215.46' T=107.75'		519+07.86	2960728.805	669615.962
L306	519+07.86	2960728.805	669615.962		S65° 21' 30"E 56.37'	519+64.23	2960705.304	669667.194
C305	519+64.23	2960705.304	669667.194	R=5000.00' Δ=1°03'24" L=92.20' T=46.10'		520+56.43	2960667.637	669751.349
L307	520+56.43	2960667.637	669751.349		S66° 24' 53"E 3804.53'	558+60.96	2959145.398	673238.076
L308	558+60.96	2959145.398	673238.076		S67° 25' 05"E 114.60'	559+75.56	2959101.392	673343.887
L309	559+75.56	2959101.392	673343.887		S66° 25' 05"E 324.74'	563+00.30	2958971.476	673641.508
L310	563+00.30	2958971.476	673641.508		S66° 18' 26"E 3665.57'	599+65.87	2957498.529	676998.123
C306	599+65.87	2957498.529	676998.123	R=500.00' Δ=3°38'00" L=31.71' T=15.86'		599+97.58	2957486.717	677027.541
L311	599+97.58	2957486.717	677027.541		S69° 56' 26"E 84.99'	600+82.57	2957457.567	677107.371
C307	600+82.57	2957457.567	677107.371	R=500.00' Δ=3°38'42" L=31.81' T=15.91'		601+14.37	2957445.714	677136.884
L312	601+14.37	2957445.714	677136.884		S66° 17' 43"E 47.14'	601+61.52	2957426.761	677180.049
C308	601+61.52	2957426.761	677180.049	R=500.00' Δ=3°13'05" L=28.08' T=14.05'		601+89.60	2957414.756	677205.432
L313	601+89.60	2957414.756	677205.432		S63° 04' 38"E 68.56'	602+58.16	2957383.711	677266.565
C309	602+58.16	2957383.711	677266.565	R=500.00' Δ=3°13'05" L=28.08' T=14.05'		602+86.25	2957371.705	677291.948
L314	602+86.25	2957371.705	677291.948		S66° 17' 43"E 14.06'	603+00.31	2957366.053	677304.821



N O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION BASELINE DATA				
PLAN 73 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			

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4-SUDBURY-HUDSON_ACCESS_DRIVE CONSTRUCTION BASELINE DATA								
NUMBER	STARTING STATION	NORTHING	EASTING	CURVE DATA	LINE DATA	ENDING STATION	NORTHING	EASTING
L401	700+00.00	2957366.0527	677304.8213		S66°14'03"E 231.13'	702+31.13	2957272.9091	677516.3488
C401	702+31.13	2957272.9091	677516.3488	R=3750.00' Δ=12°25'19" L=813.02' T=408.11'		710+44.14	2956867.4824	678219.2284
L403	710+44.14	2956867.4824	678219.2284		S53°48'44"E 149.49'	711+93.63	2956779.2208	678339.8770
C404	711+93.63	2956779.2208	678339.8770	R=500.00' Δ=9°37'46" L=84.03' T=42.12'		712+77.66	2956735.5245	678411.5389
C405	712+77.66	2956735.5245	678411.5389	R=500.00' Δ=7°39'17" L=66.80' T=33.45'		713+44.46	2956701.7603	678469.1214
L404	713+44.46	2956701.7603	678469.1214		S55°47'13"E 137.37'	714+81.84	2956624.5189	678582.7225
L405	714+81.84	2956624.5189	678582.7225		S56°18'15"E 352.06'	718+33.90	2956429.2013	678875.6350
C406	718+33.90	2956429.2013	678875.6350	R=2150.00' Δ=7°27'00" L=279.56' T=139.98'		721+13.46	2956289.6424	679117.6429
L406	721+13.46	2956289.6424	679117.6429		S63°45'15"E 104.16'	722+17.62	2956243.5785	679211.0686
C407	722+17.62	2956243.5785	679211.0686	R=1000.00' Δ=9°53'27" L=172.63' T=86.53'		723+90.25	2956180.9486	679371.7031
L407	723+90.25	2956180.9486	679371.7031		S73°38'42"E 171.77'	725+62.02	2956132.5797	679536.5242
C408	725+62.02	2956132.5797	679536.5242	R=975.00' Δ=8°08'34" L=138.56' T=69.40'		727+00.58	2956103.1249	679671.8017
L408	727+00.58	2956103.1249	679671.8017		S81°47'16"E 414.21'	731+14.79	2956043.9591	680081.7601
C409	731+14.79	2956043.9591	680081.7601	R=1450.00' Δ=25°44'54" L=651.62' T=331.41'		737+66.41	2956096.4751	680725.7736
L409	737+66.41	2956096.4751	680725.7736		N72°27'50"E 398.71'	741+65.12	2956216.6094	681105.9571
C410	741+65.12	2956216.6094	681105.9571	R=1400.00' Δ=12°28'35" L=304.86' T=153.03'		744+69.98	2956276.2156	681404.3155
L410	744+69.98	2956276.2156	681404.3155		N84°56'25"E 284.93'	747+54.91	2956301.3441	681688.1339
L412	763+88.36	2956423.2838	683316.9838		N85°29'15"E 411.64'	768+00.00	2956455.6704	683727.3522



N O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
CONSTRUCTION BASELINE DATA				
PLAN 74 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			

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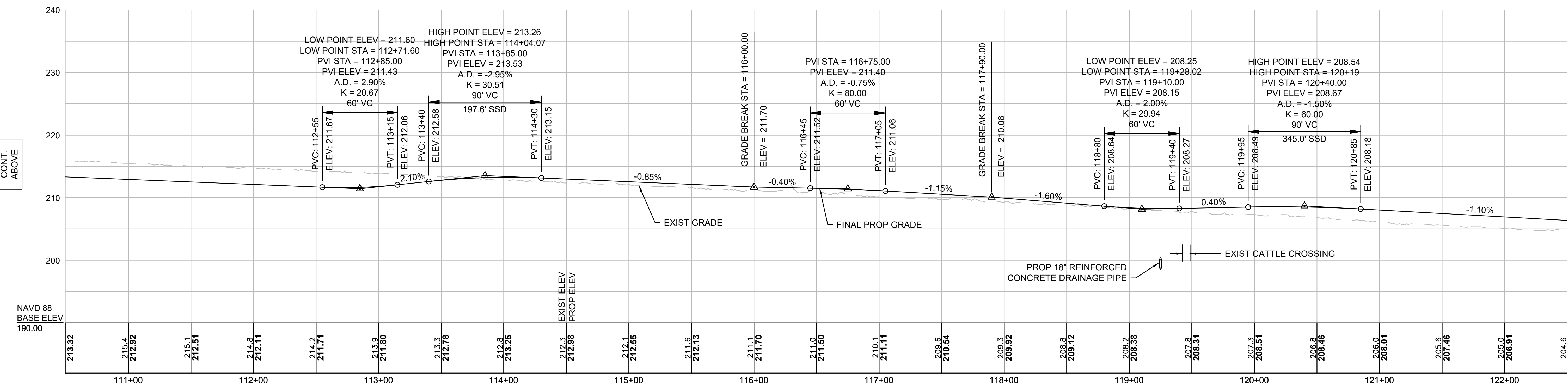
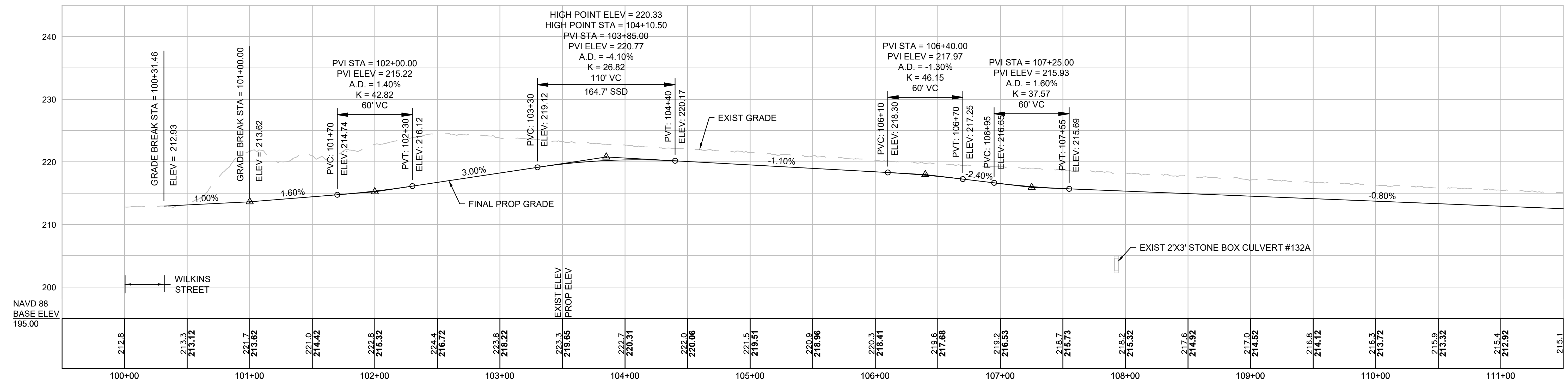
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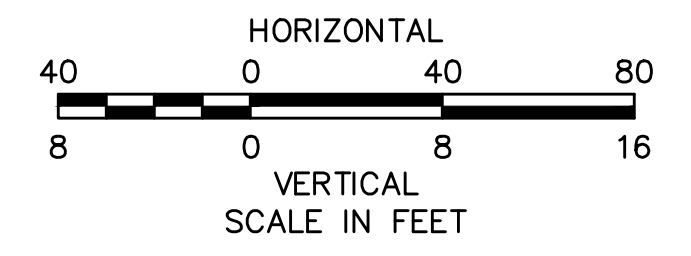
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NOTE:
CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

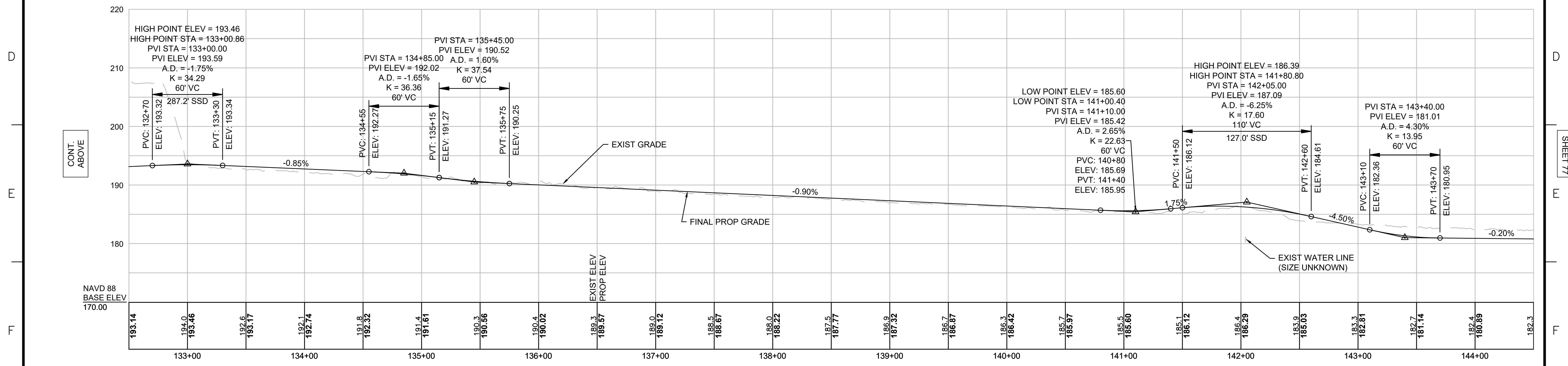
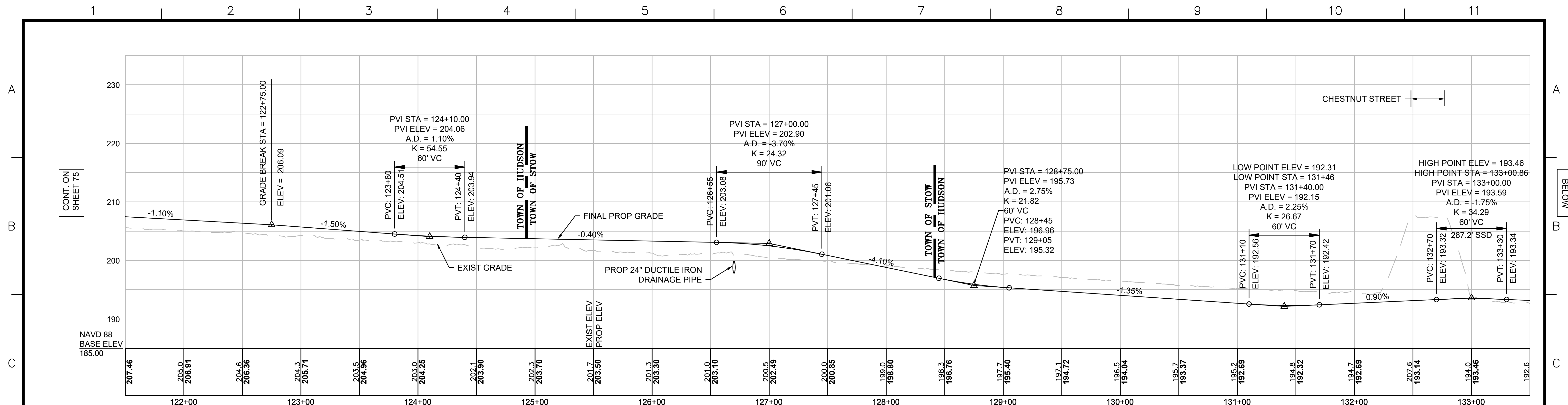
EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
PROFILE

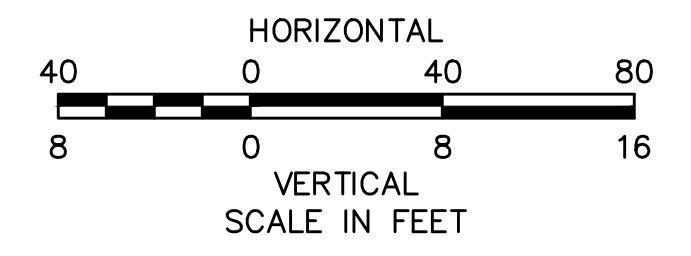
PLAN 75 OF 349

SCALE: unless noted H: 1"=40' V: 1"=8'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO.	REV.
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL,
 WHICH IS 4" BELOW FINAL PGL SHOWN HERE.
 FINAL GRADING TO BE PERFORMED UNDER
 SEPARATE CONTRACT. SEE DETAIL FOR
 INTERIM TYPICAL SECTION ON SHEET 157 FOR
 ADDITIONAL INFORMATION.



REVISION			
N.O.	DESCRIPTION	BY	DATE

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 PROFILE

PLAN 76 OF 349

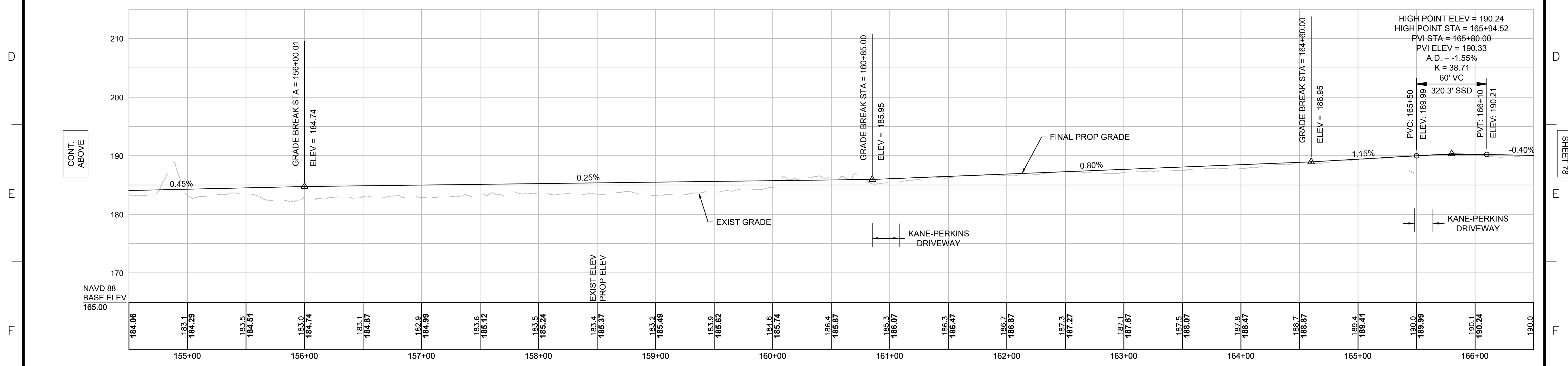
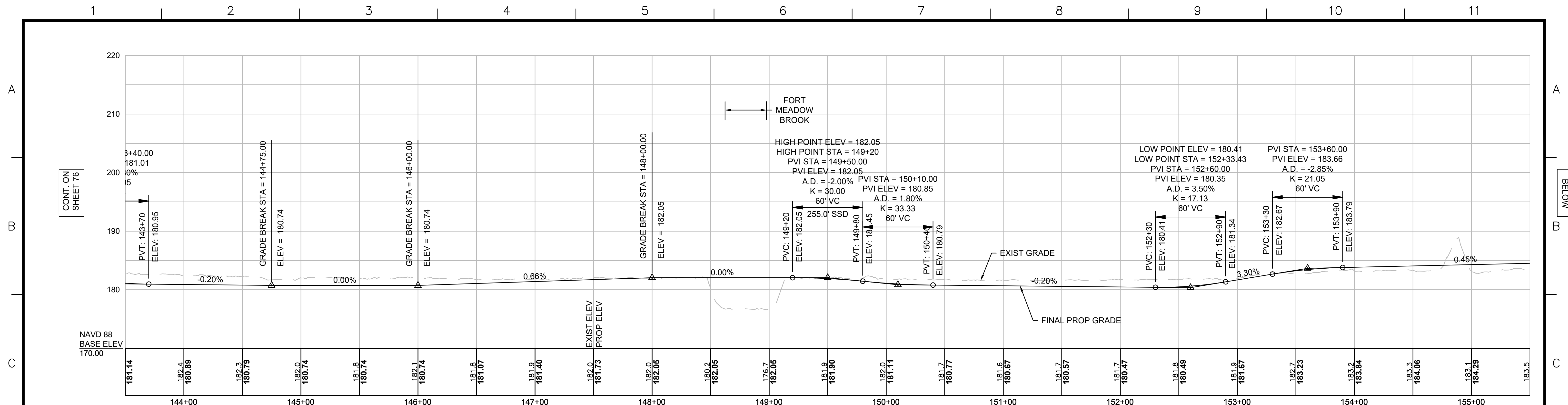
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SHEET 75

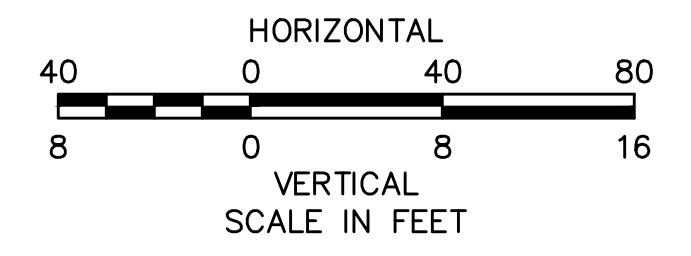
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL,
 WHICH IS 4" BELOW FINAL PGL SHOWN HERE.
 FINAL GRADING TO BE PERFORMED UNDER
 SEPARATE CONTRACT. SEE DETAIL FOR
 INTERIM TYPICAL SECTION ON SHEET 157 FOR
 ADDITIONAL INFORMATION.



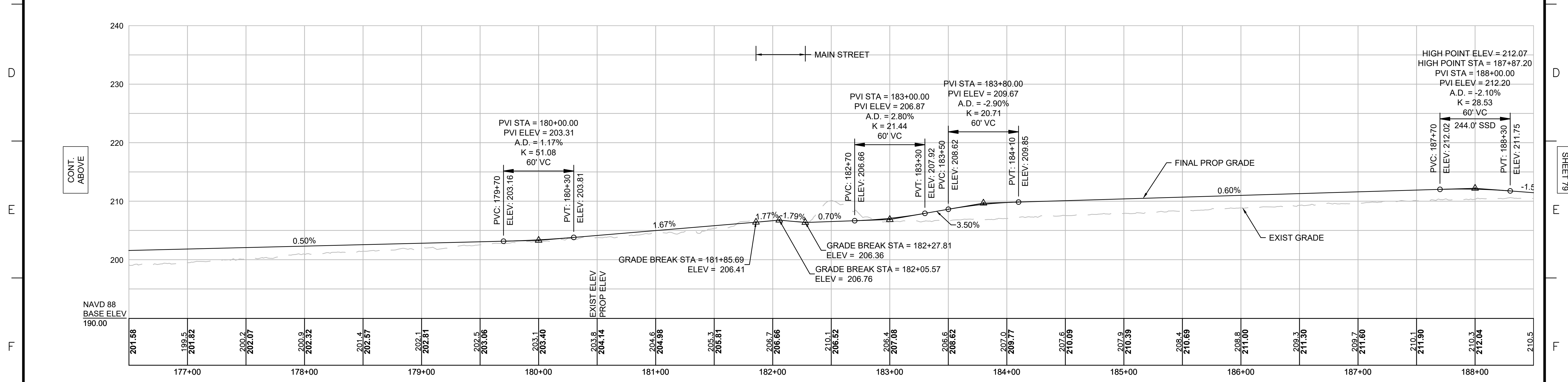
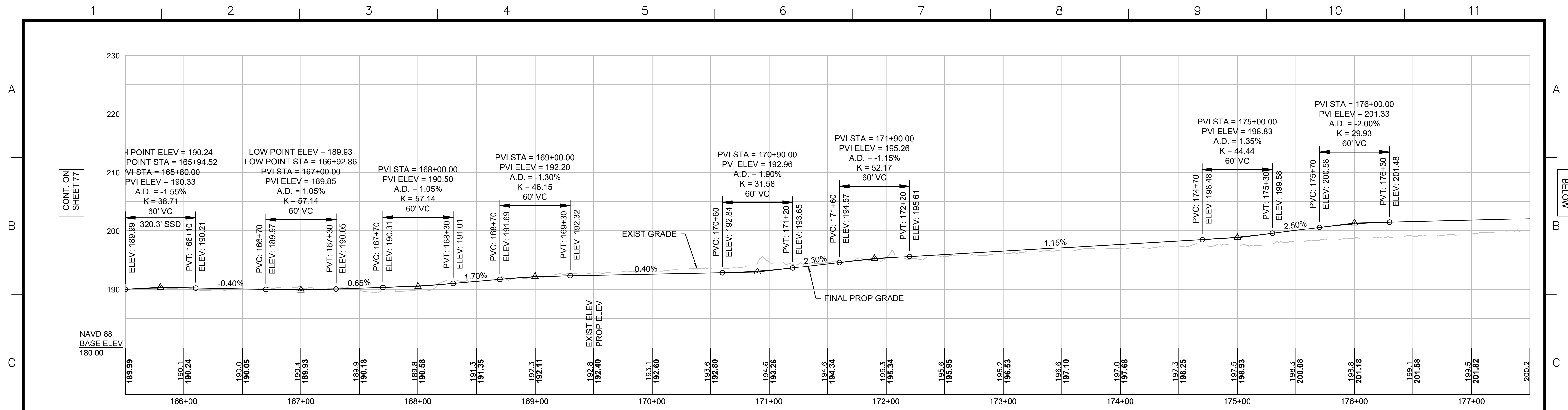
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EVERSOURCE

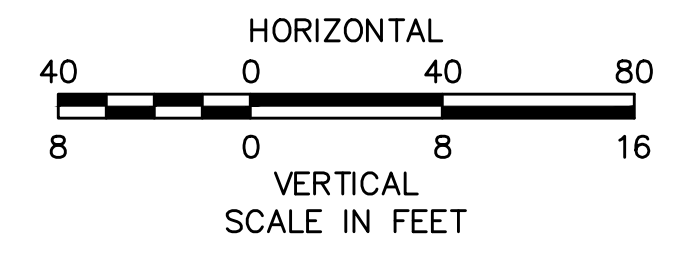
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 PROFILE

PLAN 77 OF 349

SCALE: unless noted H: 1"=40' V: 1"=8'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO.	REV.
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL,
 WHICH IS 4" BELOW FINAL PGL SHOWN HERE.
 FINAL GRADING TO BE PERFORMED UNDER
 SEPARATE CONTRACT. SEE DETAIL FOR
 INTERIM TYPICAL SECTION ON SHEET 157 FOR
 ADDITIONAL INFORMATION.



N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

EVERSOURCE
 SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 PROFILE
 PLAN 78 OF 349

SCALE: unless noted H: 1"=40' V: 1"=8'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO.	REV.
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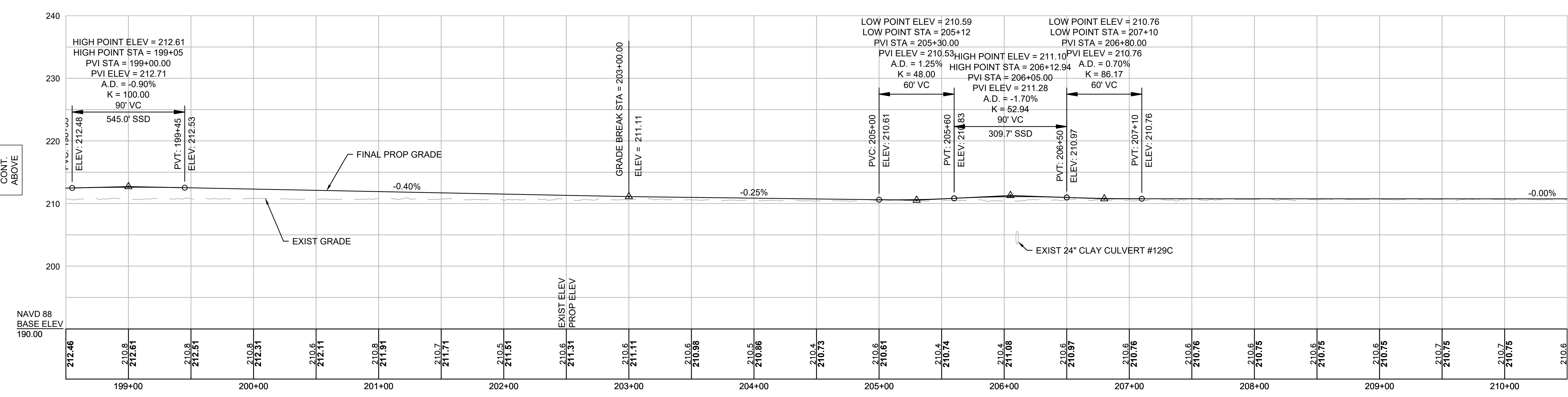
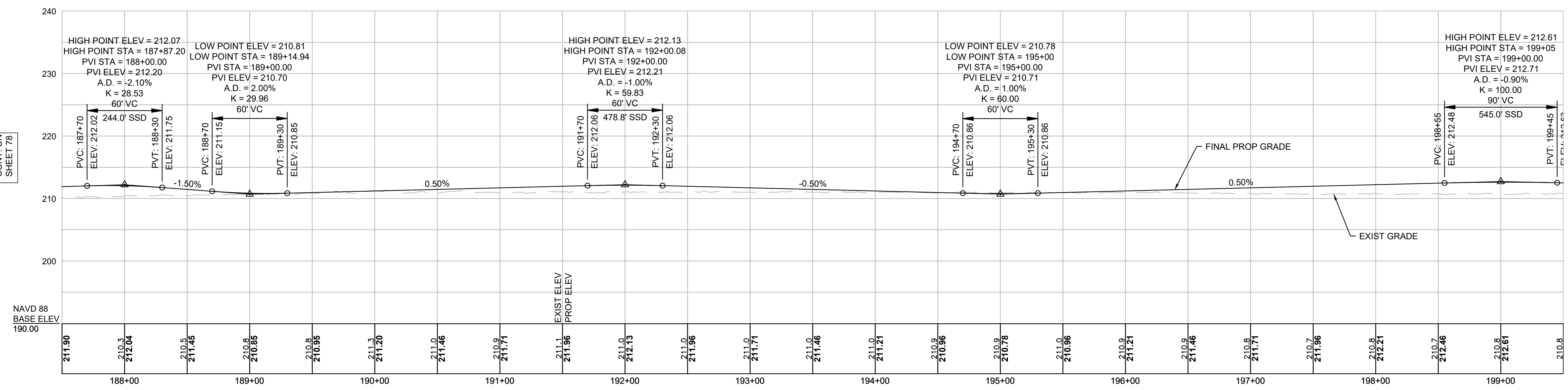
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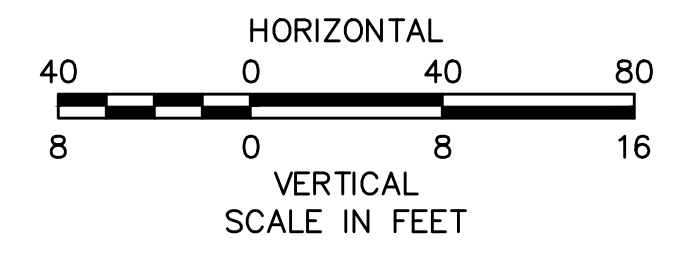
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



NO.		DESCRIPTION	BY	DATE	APPR.
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
PROFILE					
PLAN 79 OF 349					
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DRAWN DEC 2021 MS		CHK'D. APPR. SK MES	
DRAWING NO.		REV.			

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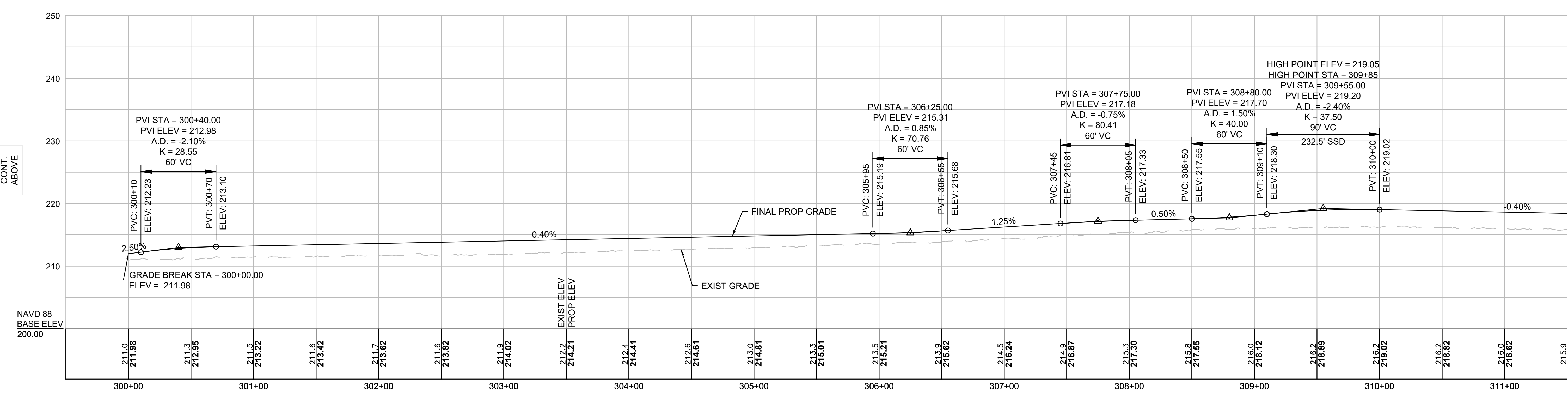
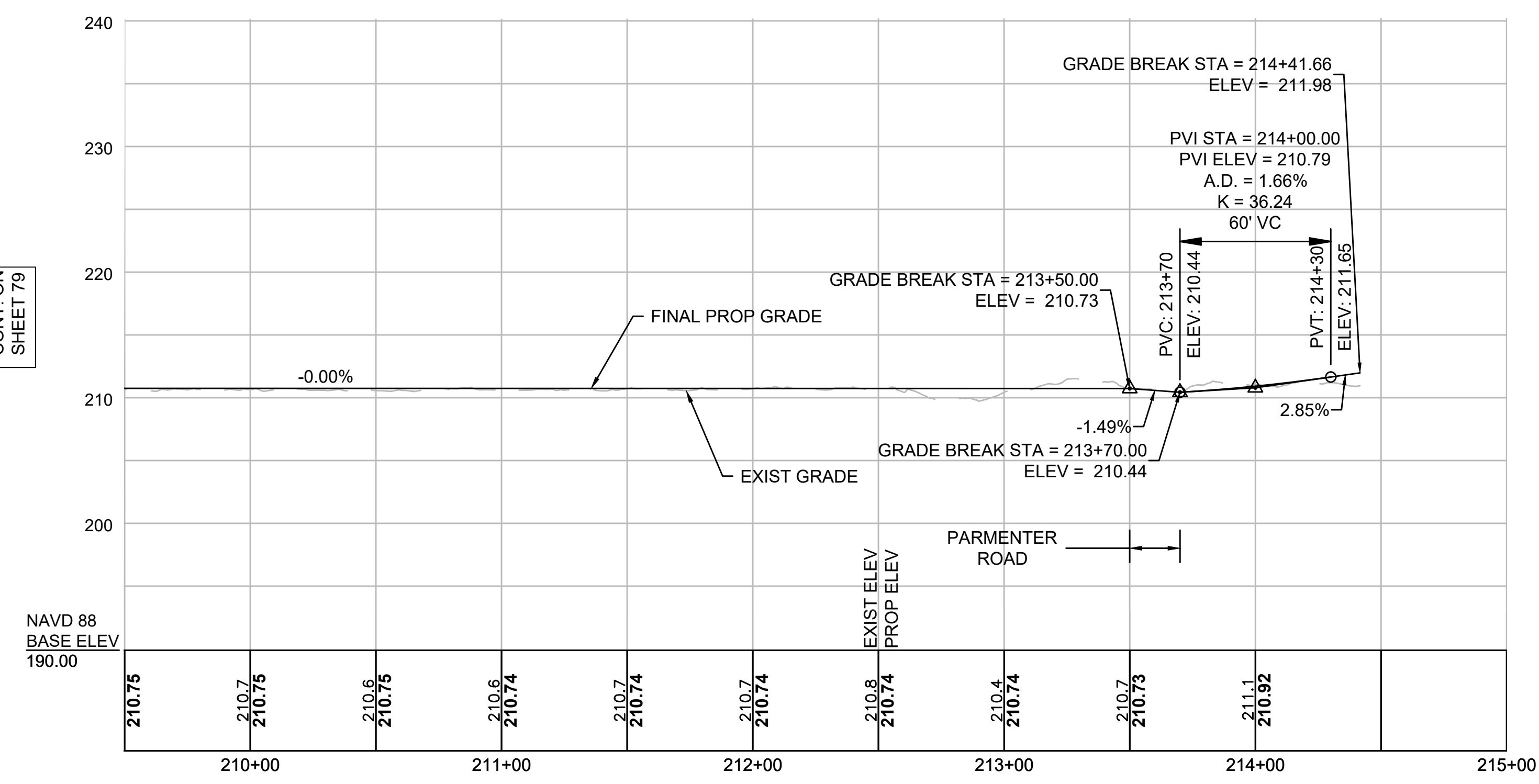
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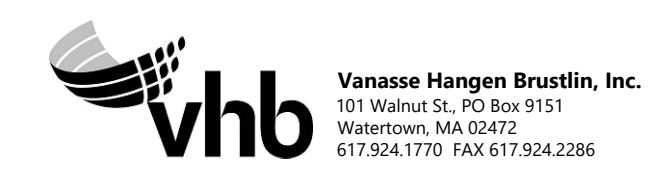
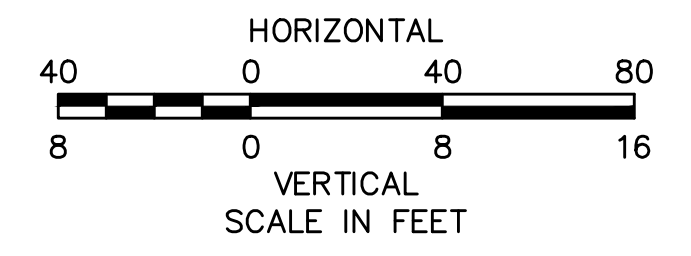
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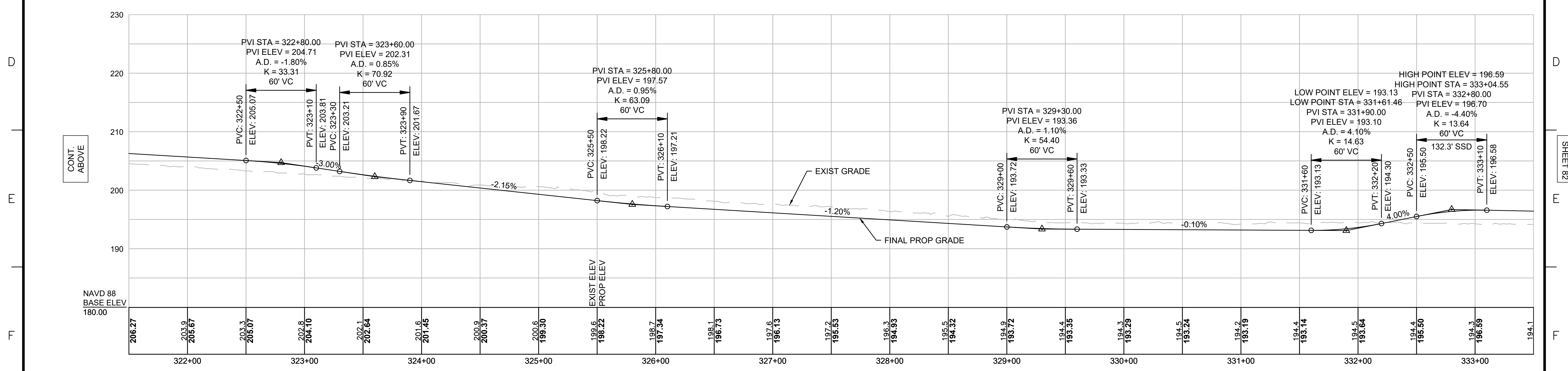
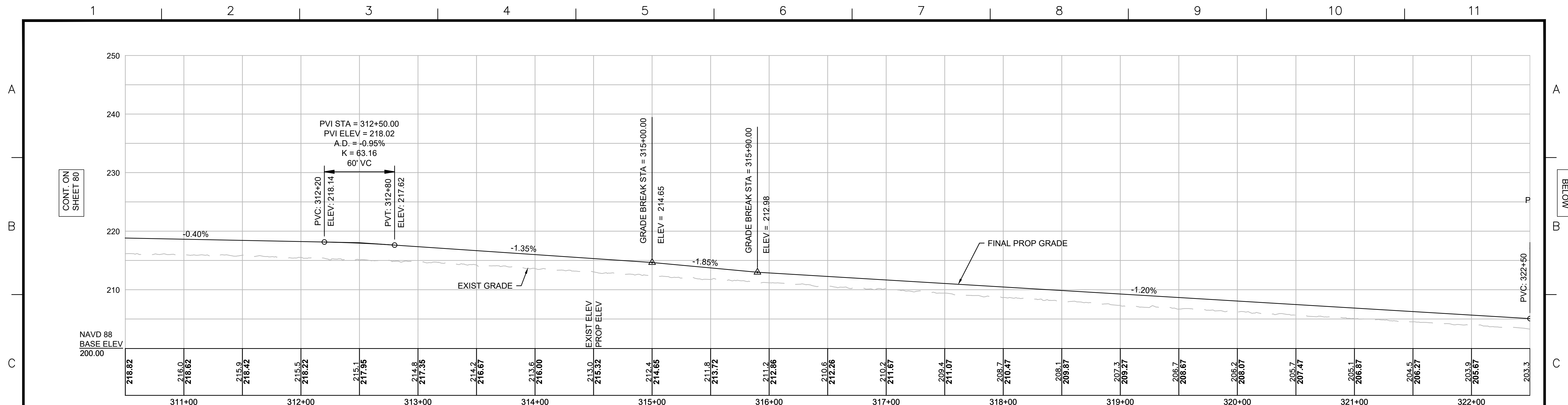


NOTE:
CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.

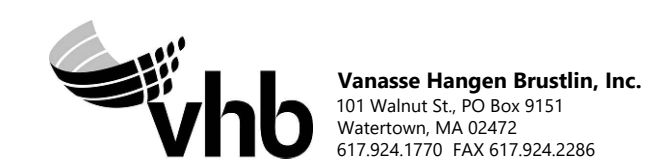
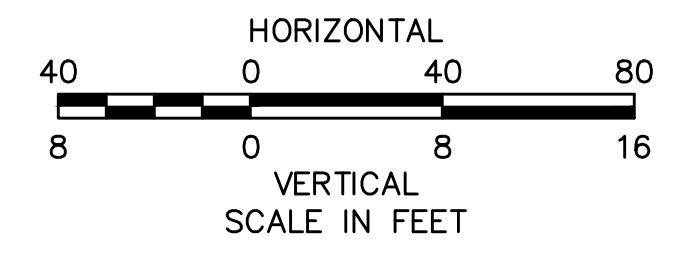


N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 80 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	DRAWING NO. REV.	

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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL,
 WHICH IS 4" BELOW FINAL PGL SHOWN HERE.
 FINAL GRADING TO BE PERFORMED UNDER
 SEPARATE CONTRACT. SEE DETAIL FOR
 INTERIM TYPICAL SECTION ON SHEET 157 FOR
 ADDITIONAL INFORMATION.



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
PROFILE					
PLAN 81 OF 349					
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DRAWN DEC 2021 MS		CHK'D. APPR. SK MES	
DRAWING NO.				REV.	

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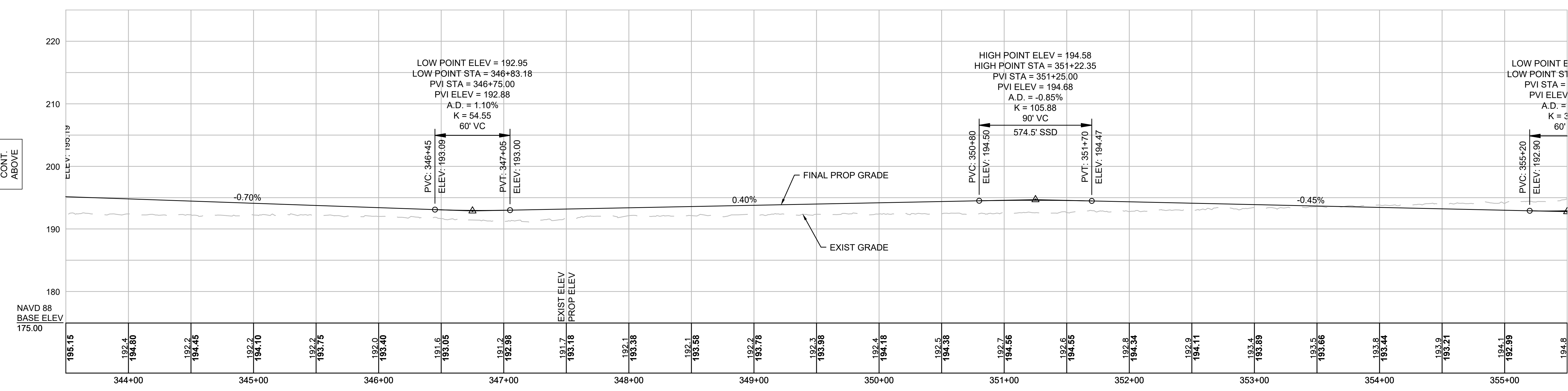
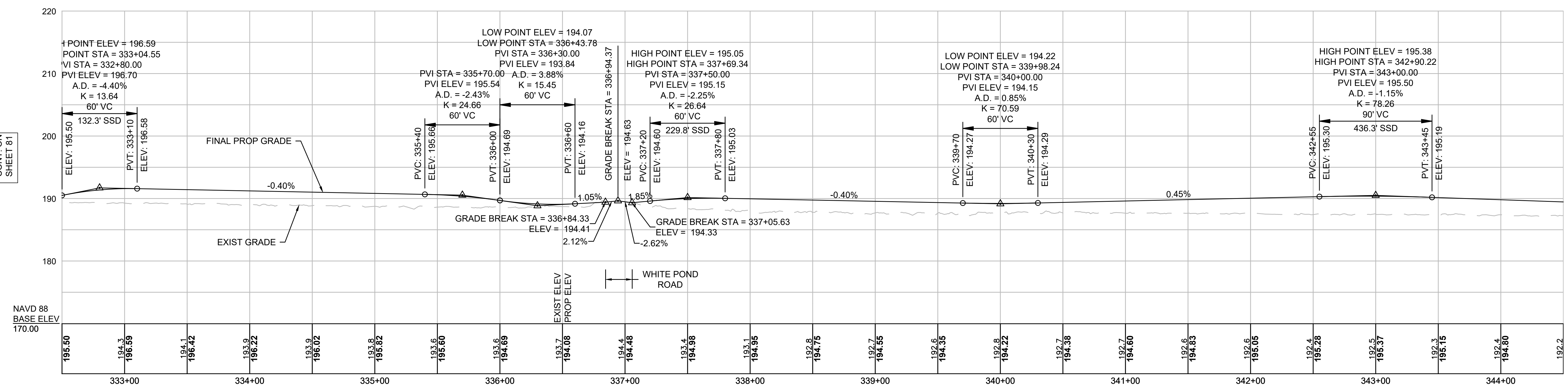
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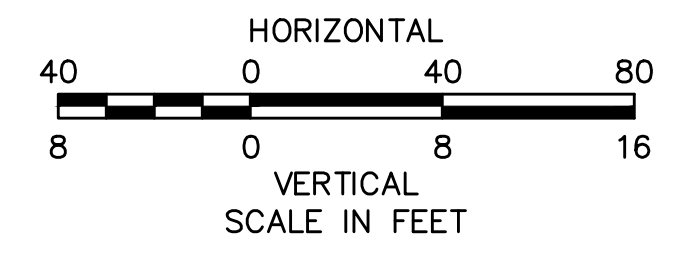
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



NO.		DESCRIPTION	BY	DATE	APPR.
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
PROFILE					
PLAN 82 OF 349					
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE	DRAWN	CHK'D	APPR.
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DRAWING NO.					REV.

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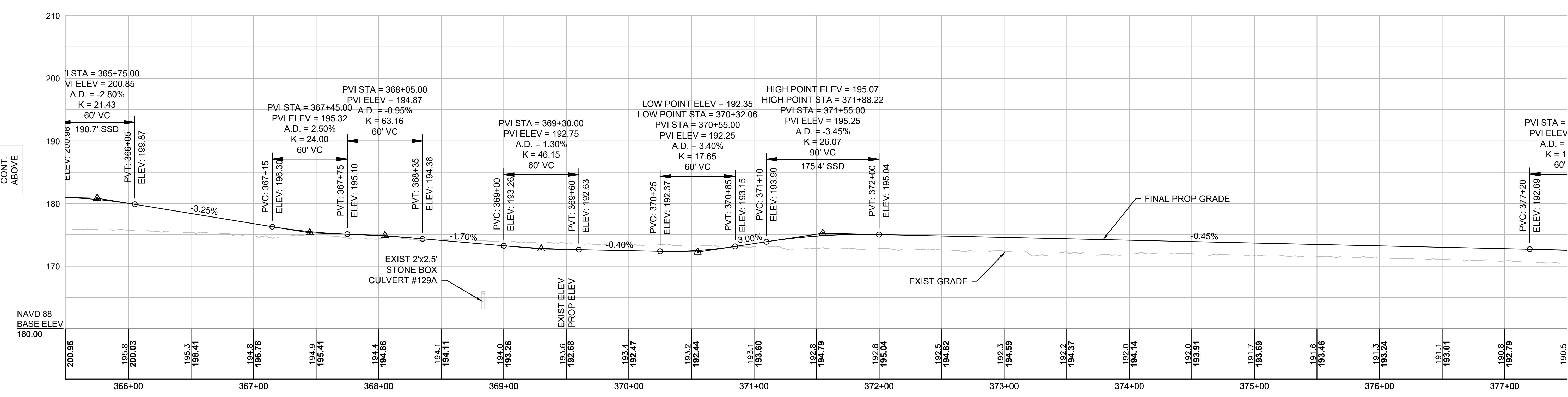
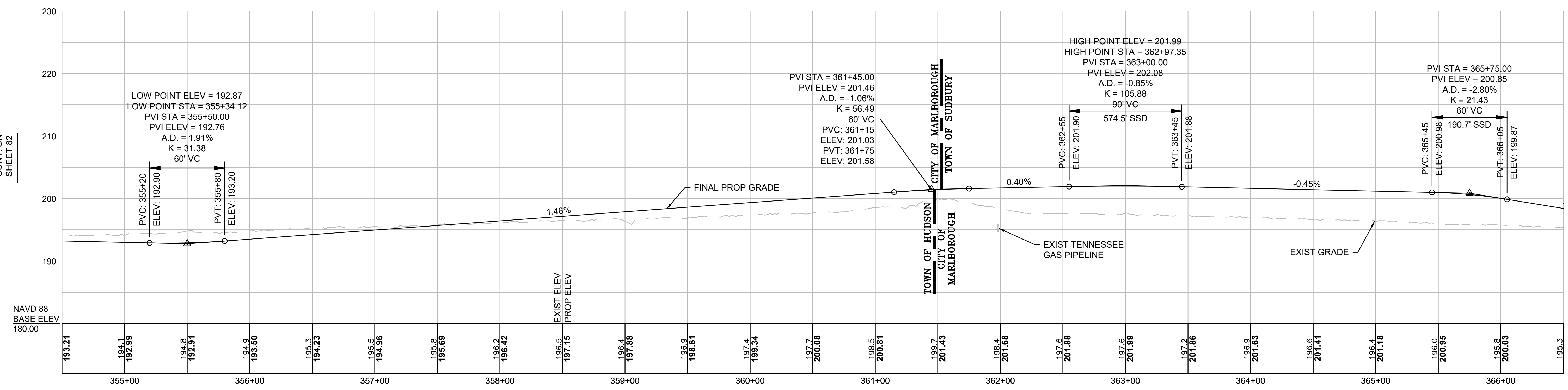
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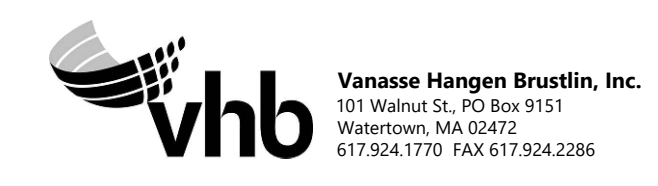
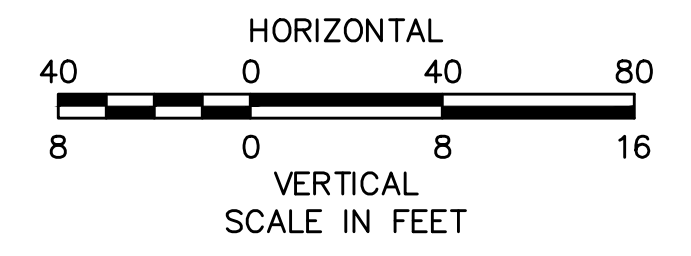
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NOTE:
CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 83 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DRAWN DEC 2021 MS		CH'K D. APPR. SK MES
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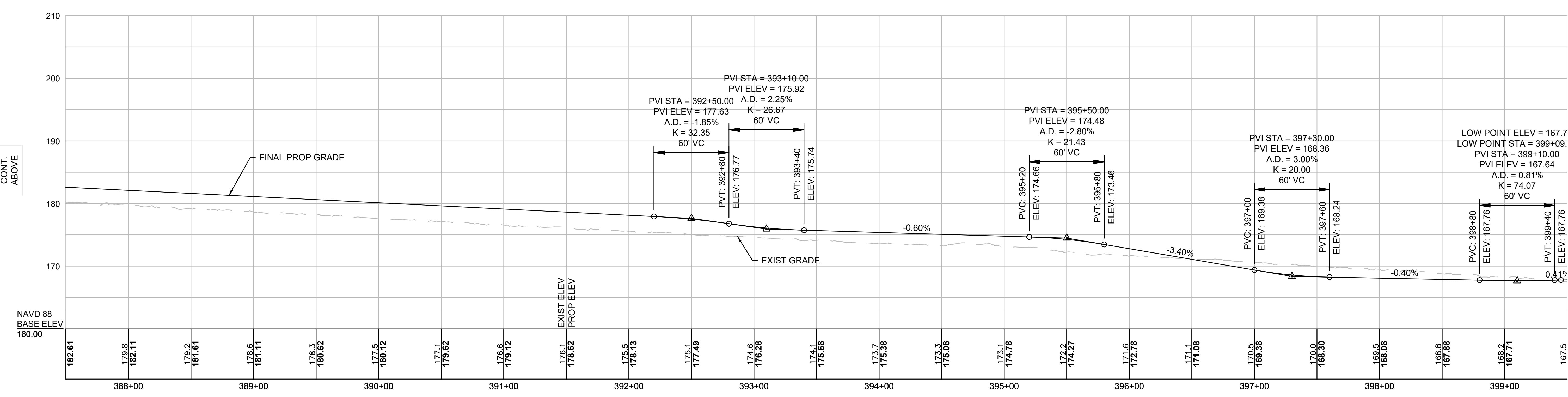
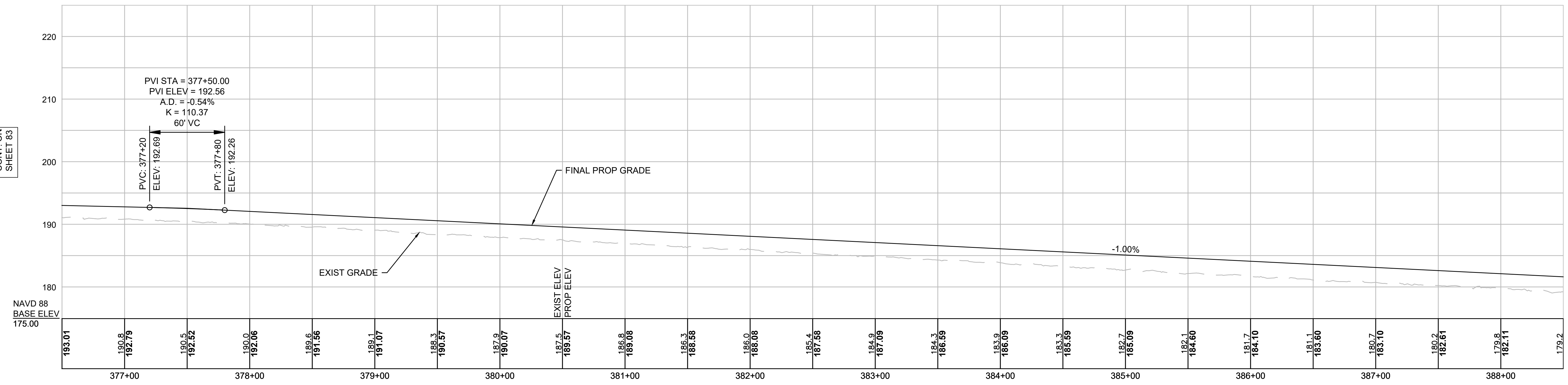
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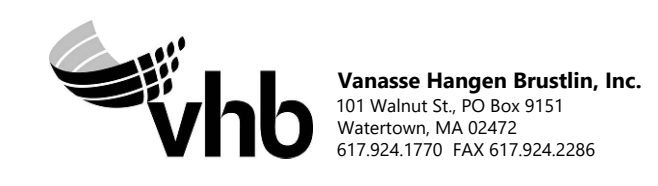
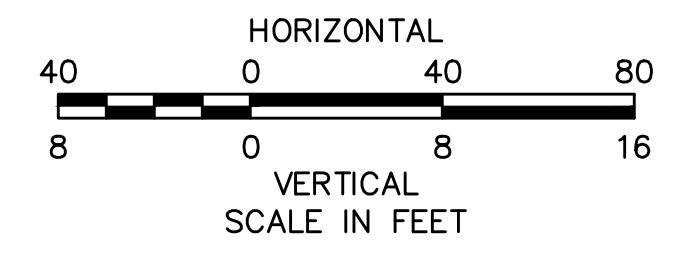
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NOTE:
CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 84 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DRAWN DEC 2021 MS		CHK'D. APPR. SK MES
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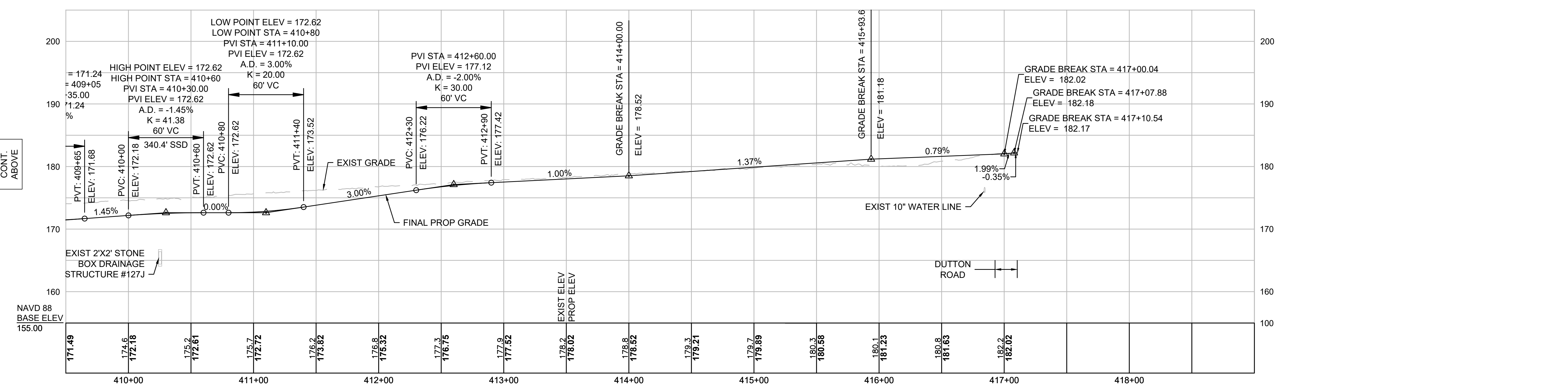
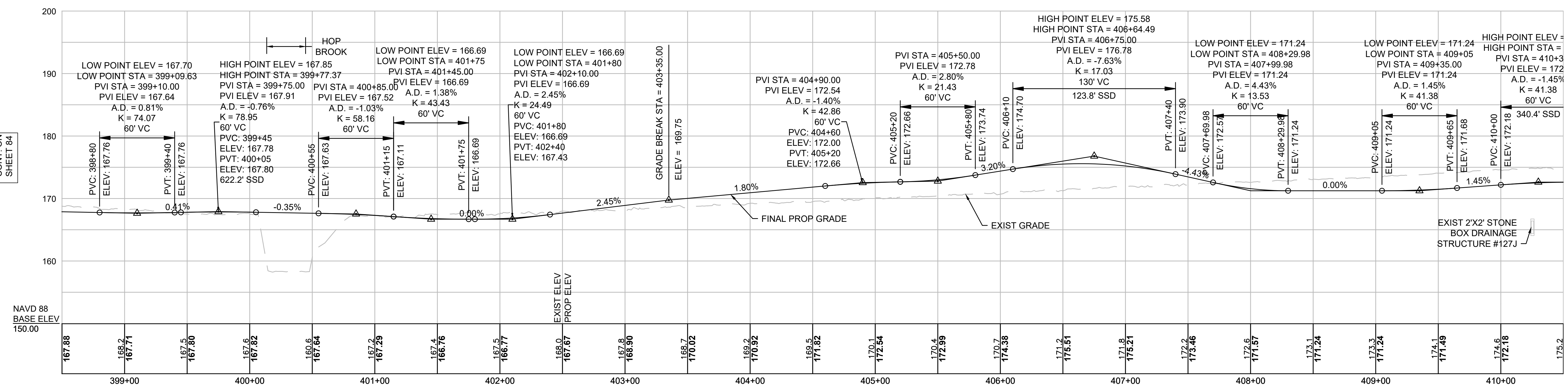
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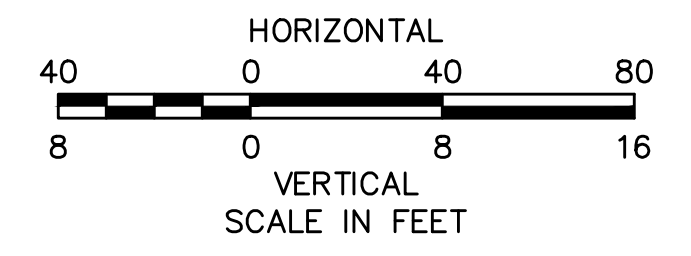
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



REVISION			
N.O.	DESCRIPTION	BY	DATE

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 PROFILE

PLAN 85 OF 349

SCALE: unless noted H: 1"=40' V: 1"=8'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MS	DRAWING NO. 	REV.
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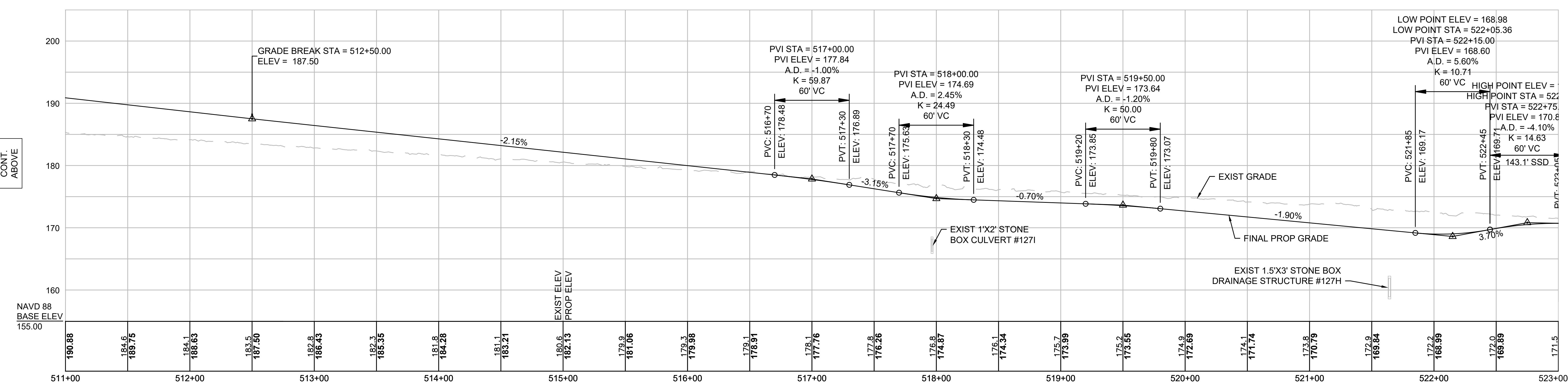
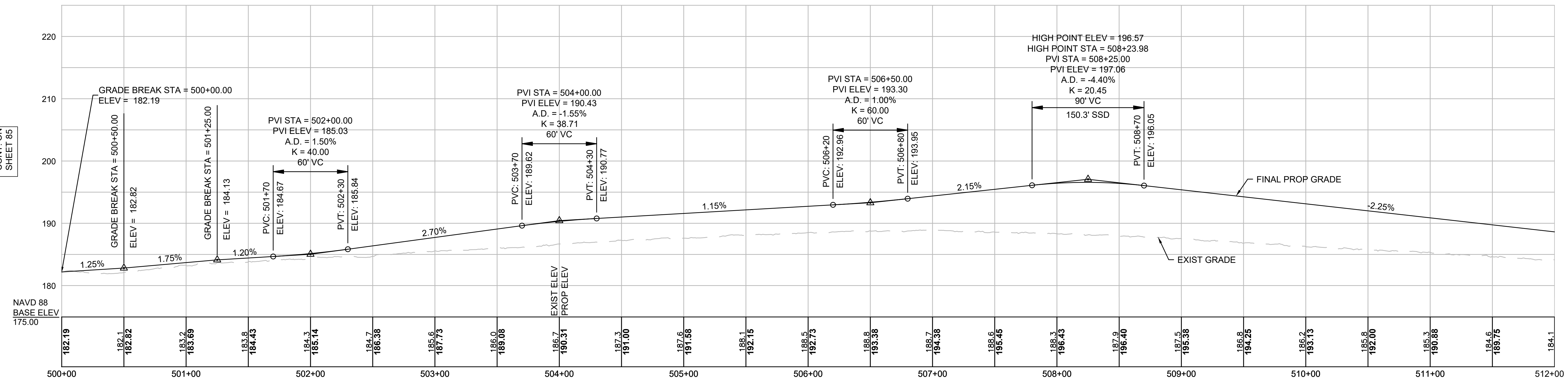
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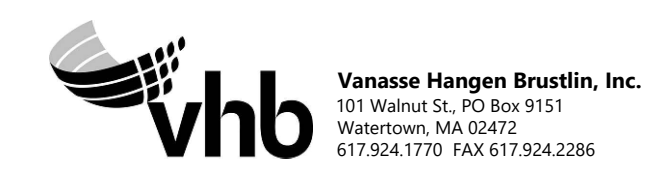
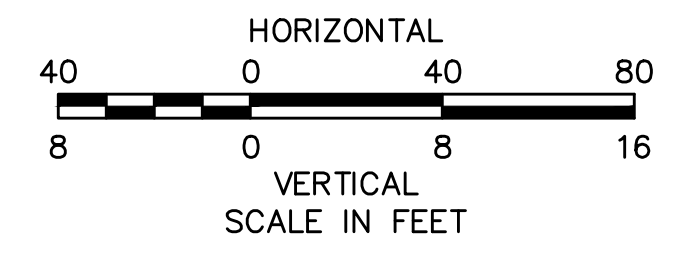
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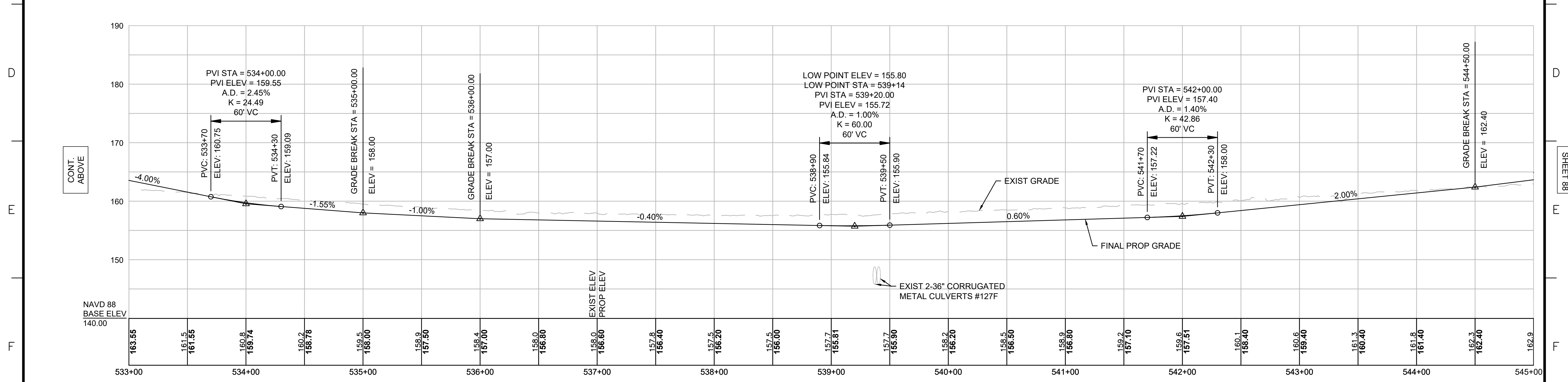
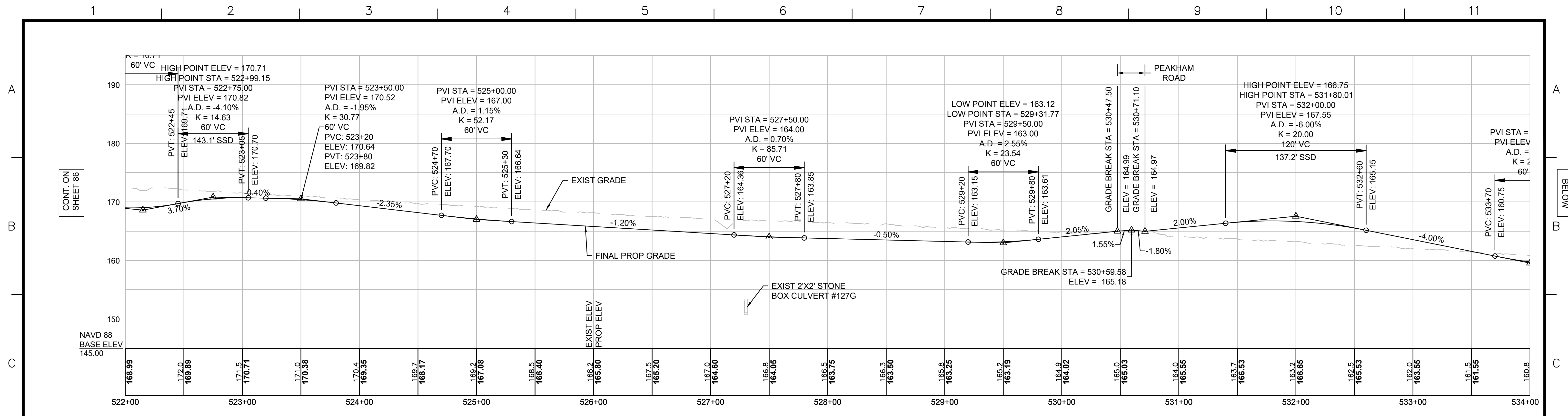


NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.

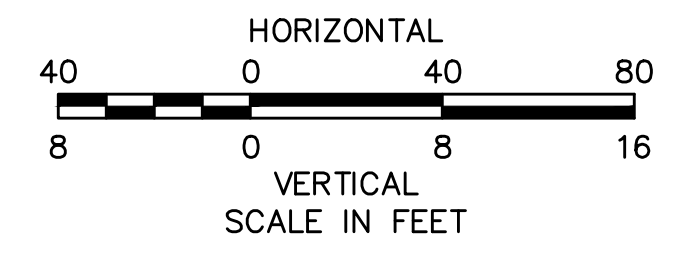


N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 86 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DRAWN DEC 2021 MS		CH'K'D. APPR. SK MS
DRAWING NO.			REV.	

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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL,
 WHICH IS 4" BELOW FINAL PGL SHOWN HERE.
 FINAL GRADING TO BE PERFORMED UNDER
 SEPARATE CONTRACT. SEE DETAIL FOR
 INTERIM TYPICAL SECTION ON SHEET 157 FOR
 ADDITIONAL INFORMATION.



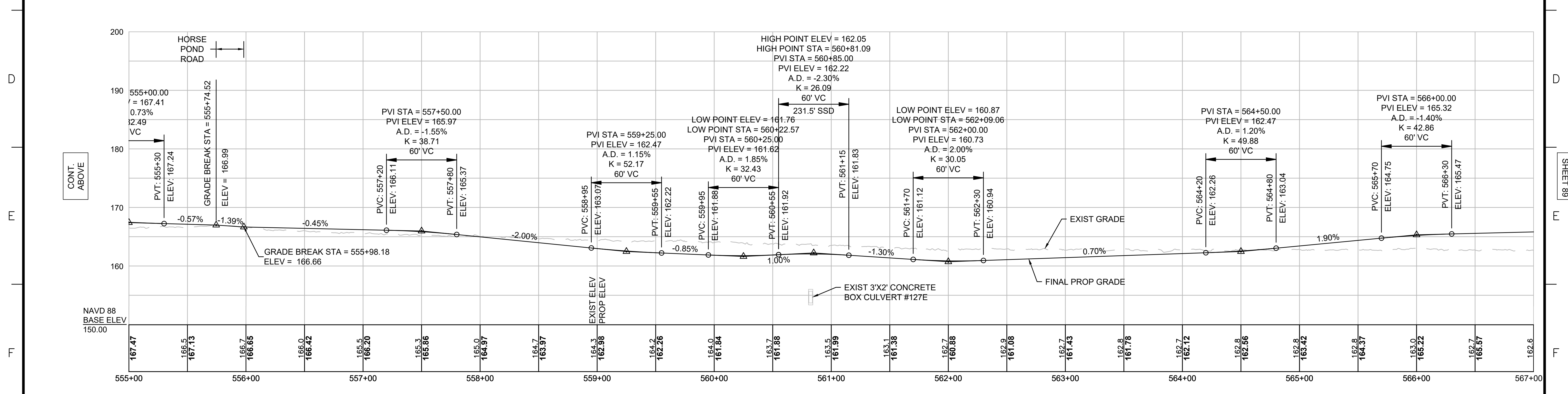
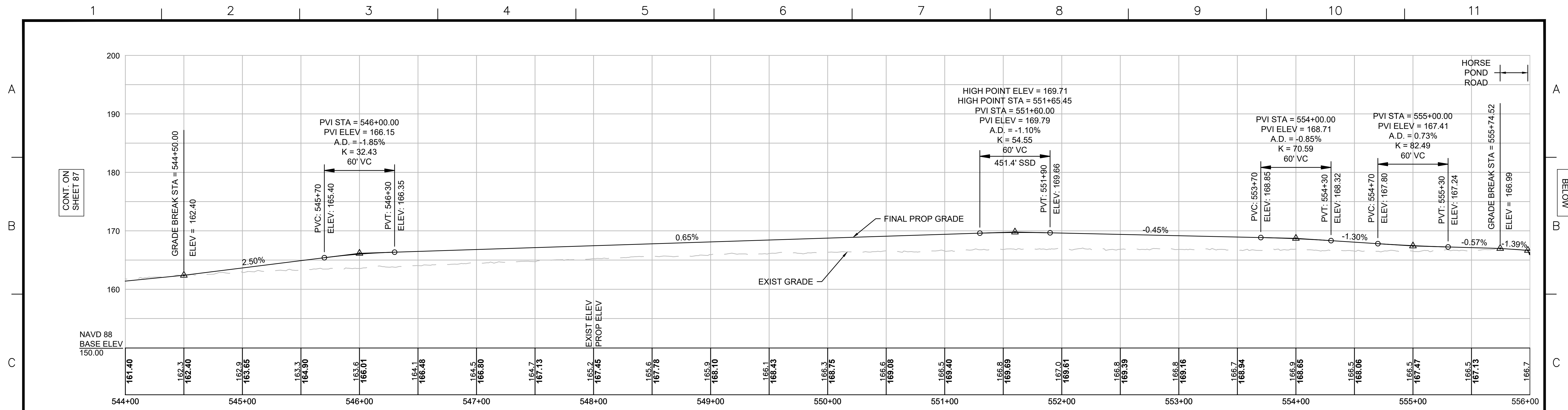
N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

EVERSOURCE

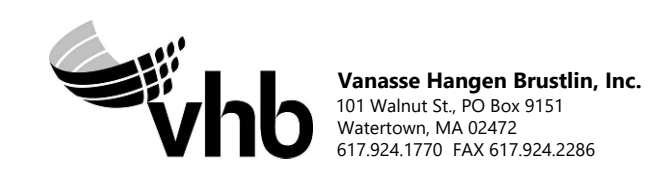
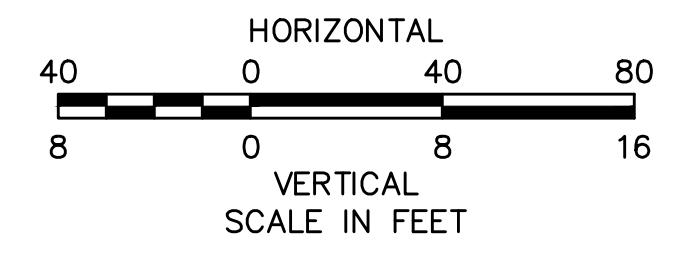
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 PROFILE

PLAN 87 OF 349

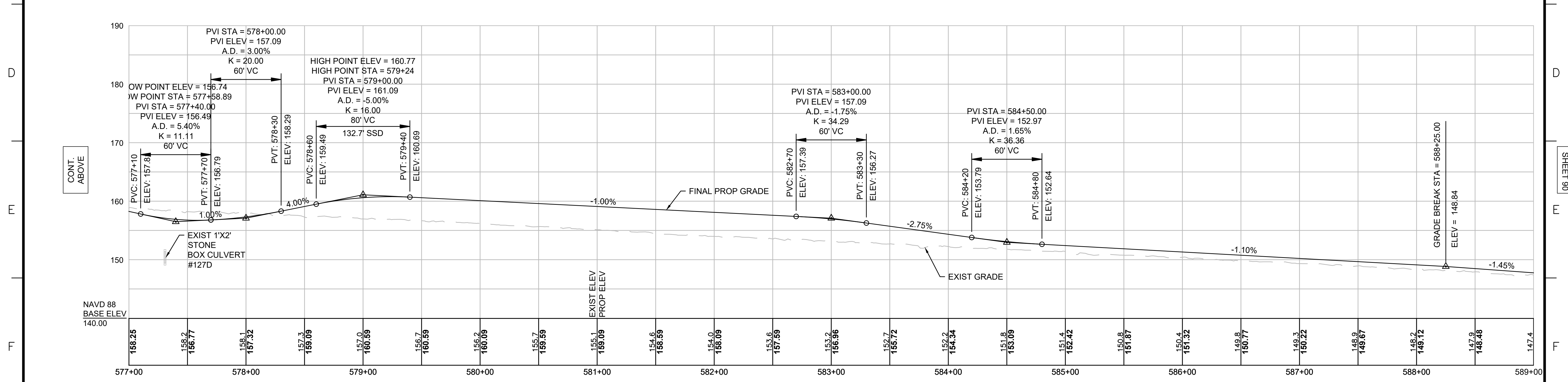
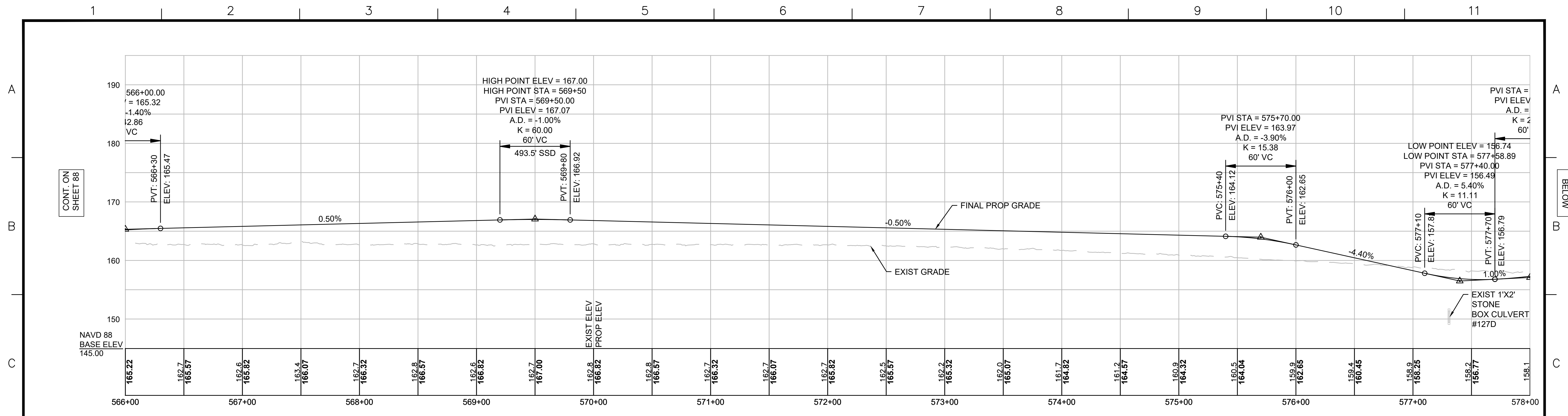
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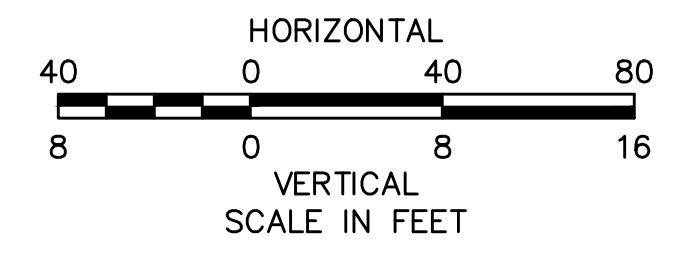
NOTE:
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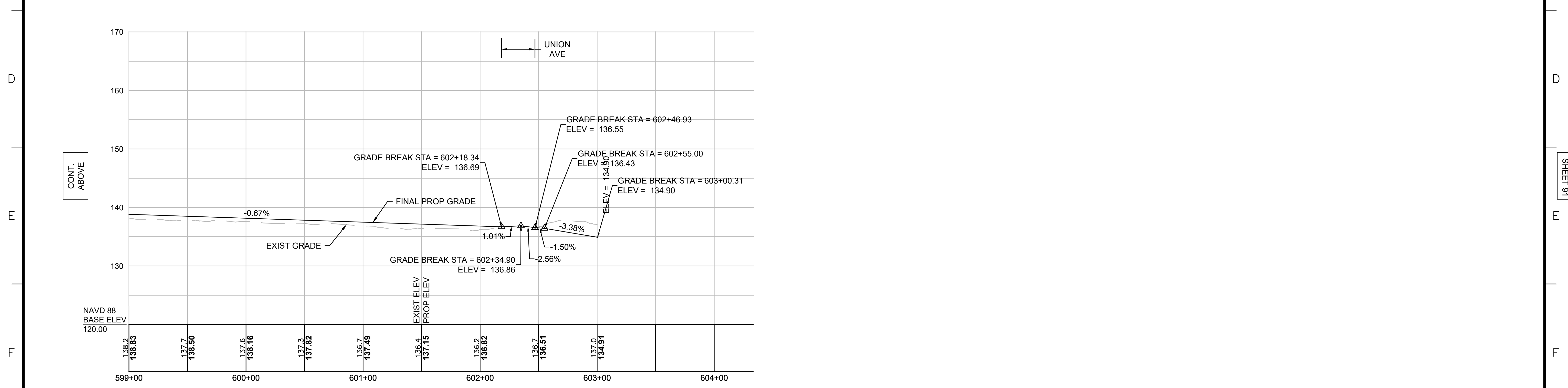
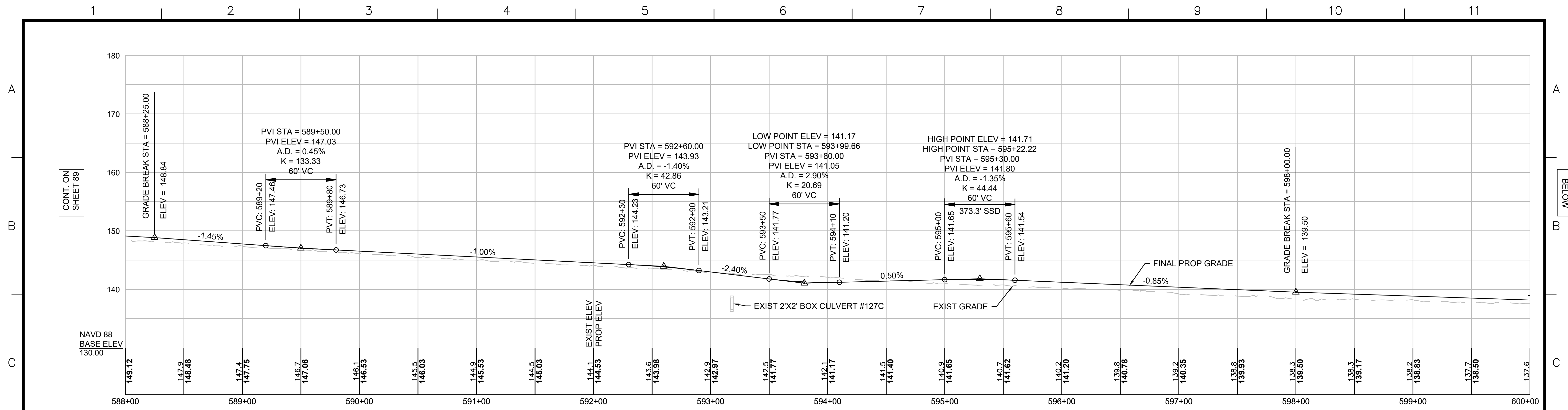
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REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 88 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DRAWN DEC 2021 MS		CHK'D. APPR. SK MES
DRAWING NO.			REV.	



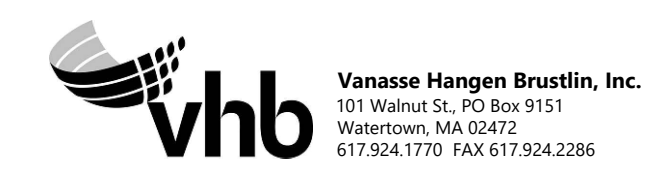
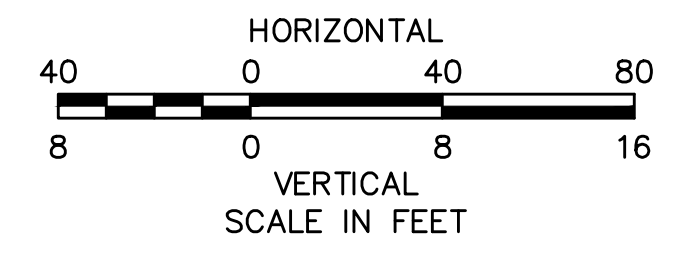
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 INTERIM TYPICAL SECTION ON SHEET 157 FOR
 ADDITIONAL INFORMATION.



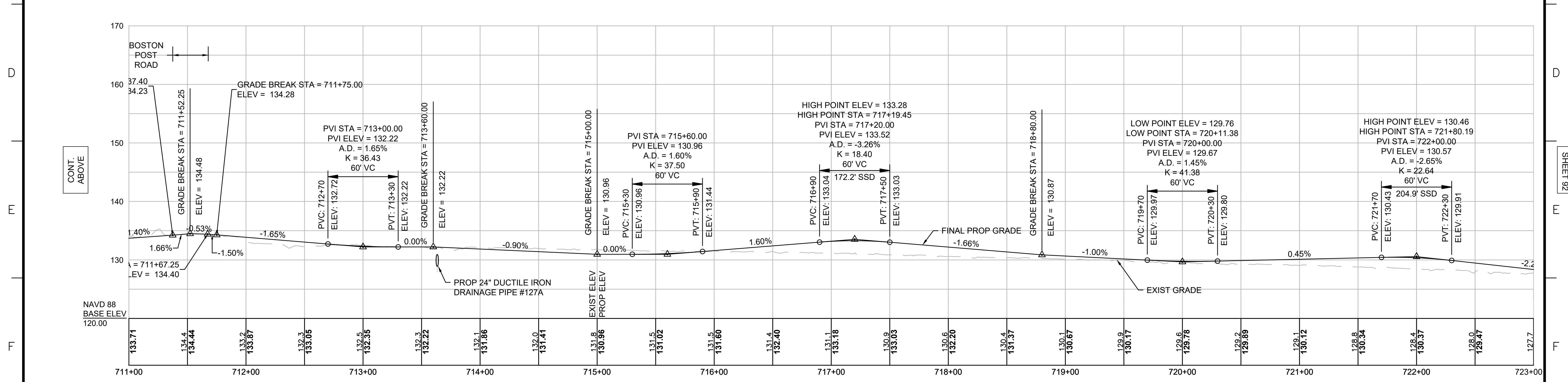
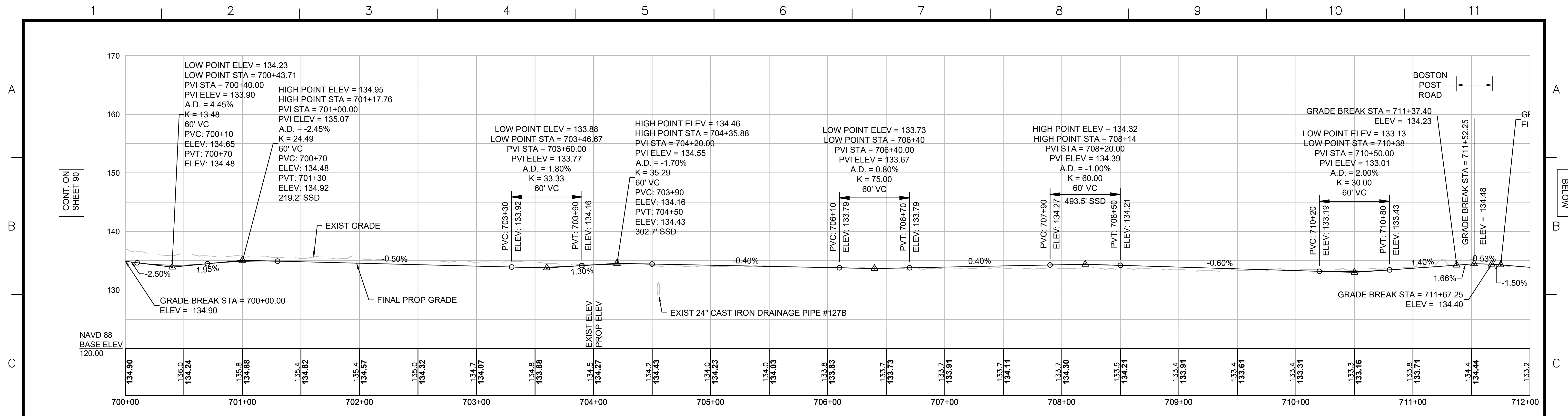
N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 89 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE	DRAWN	CHK'D
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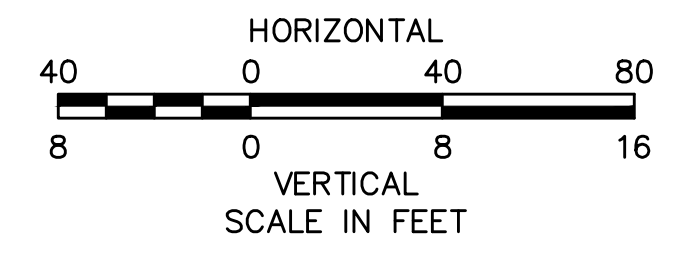
NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



NO.		DESCRIPTION		BY	DATE	APPR.
REVISION						
EVERSOURCE						
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT						
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS						
PROFILE						
PLAN 90 OF 349						
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DEC 2021		DRAWN MS		CHK'D. SK
		APPR. MES		DRAWING NO.		REV.



NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.



N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 PROFILE

PLAN 91 OF 349

SCALE: unless noted H: 1"=40' V: 1"=8'	DATE DRAWN DEC 2021	CHK'D. MS	APPR. SK	DRAWING NO. MES	REV.
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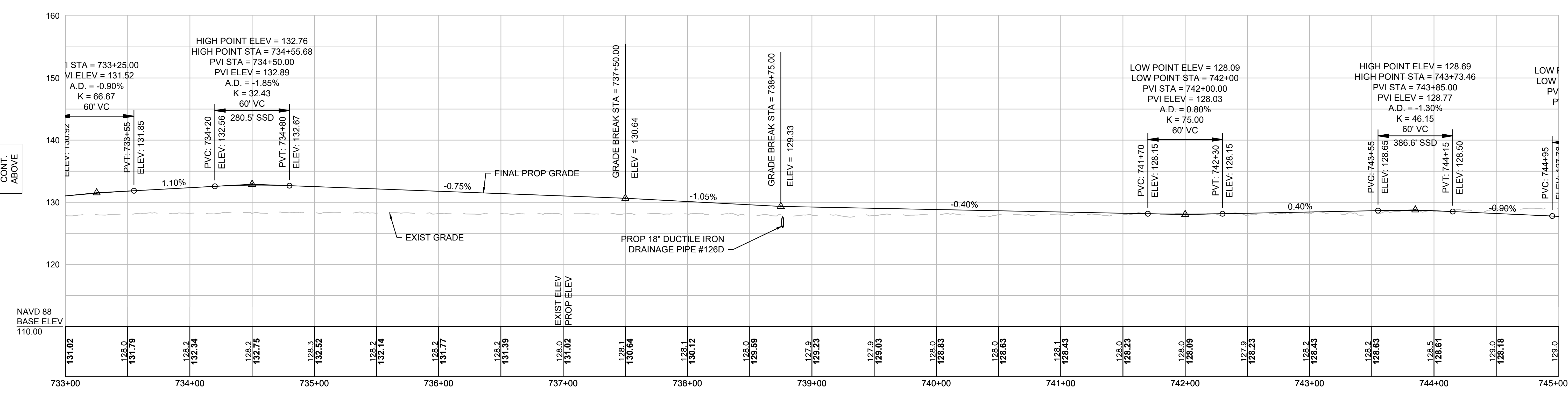
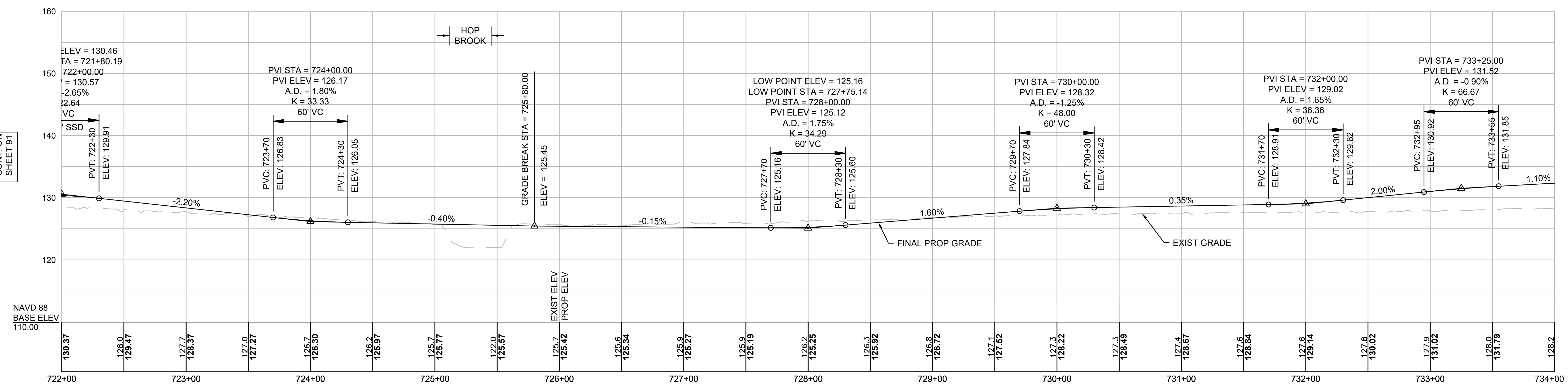
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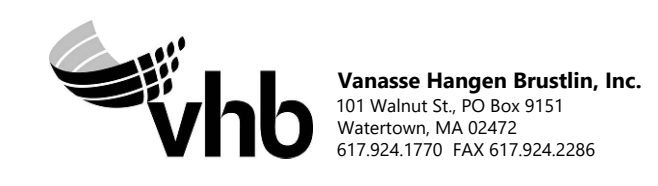
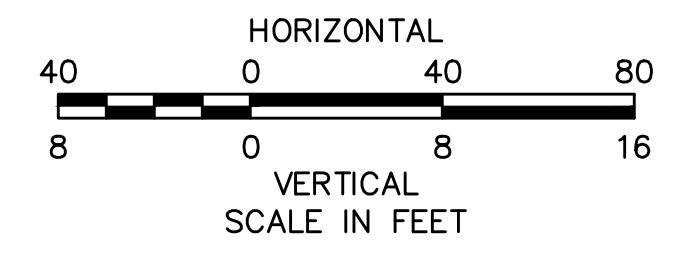
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL,
 WHICH IS 4" BELOW FINAL PGL SHOWN HERE.
 FINAL GRADING TO BE PERFORMED UNDER
 SEPARATE CONTRACT. SEE DETAIL FOR
 INTERIM TYPICAL SECTION ON SHEET 157 FOR
 ADDITIONAL INFORMATION.



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 92 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DEC 2021	DRAWN MS	CHK'D. SK
		APPR. MES	DRAWING NO. REV.	

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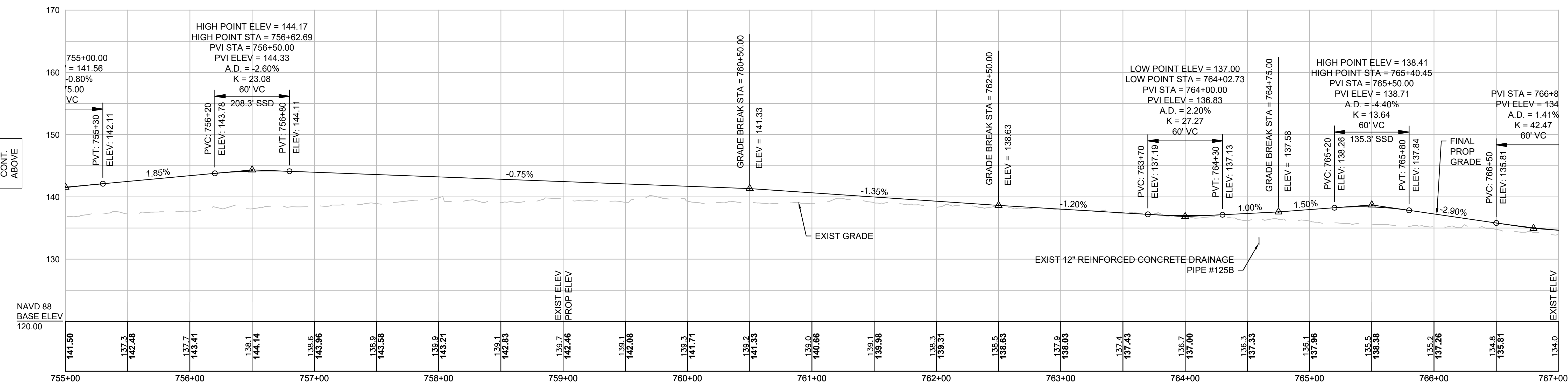
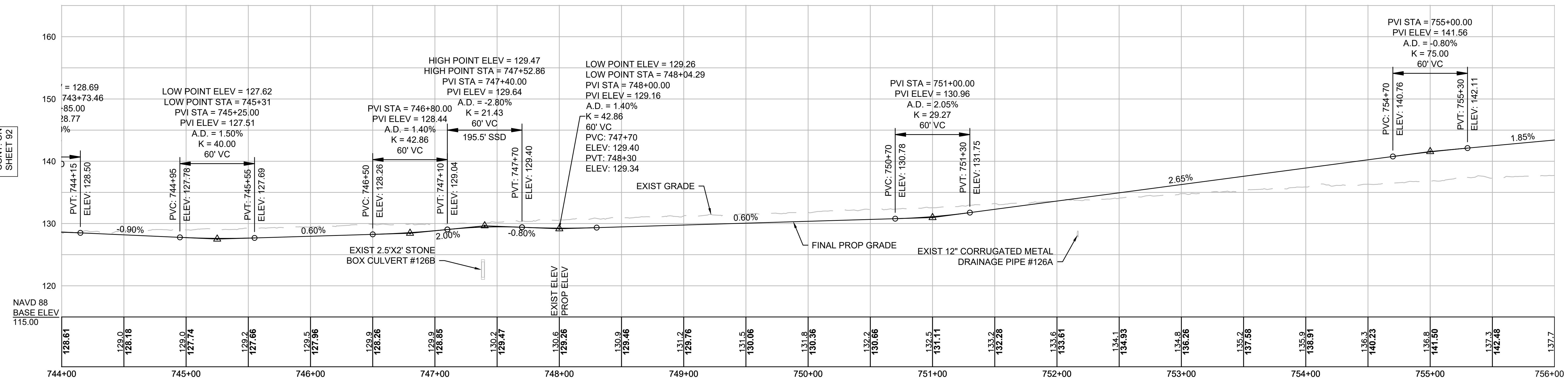
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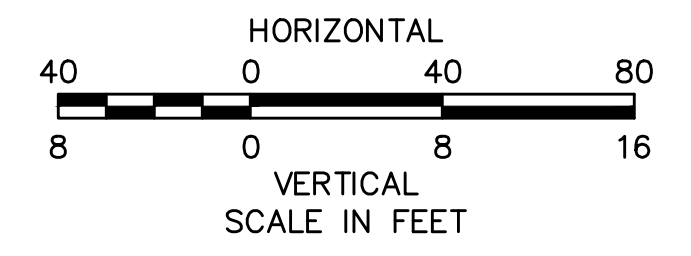
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NOTE:
 CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.

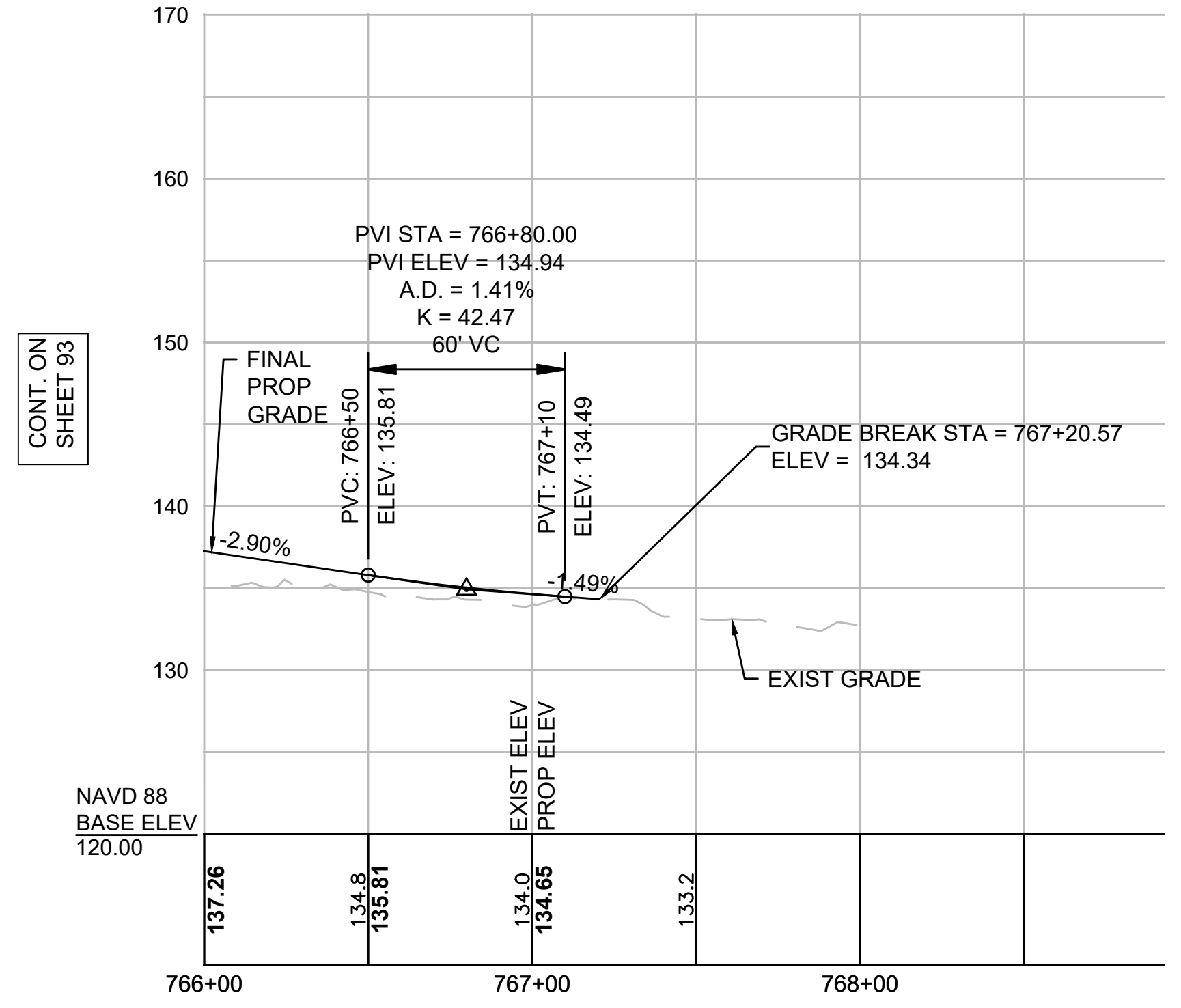


N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 93 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE DRAWN DEC 2021 MS		CH'K D. APPR. SK MES
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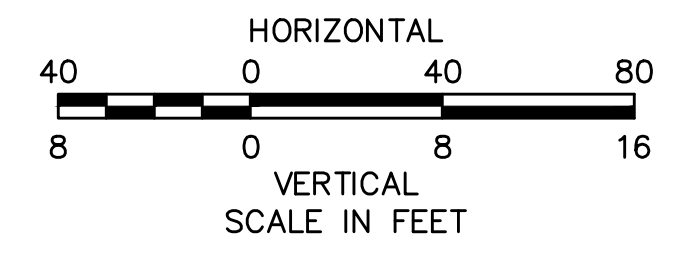
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CONT. ON SHEET 93

NOTE:
CONTRACTOR TO BUILD TO INTERIM PGL, WHICH IS 4" BELOW FINAL PGL SHOWN HERE. FINAL GRADING TO BE PERFORMED UNDER SEPARATE CONTRACT. SEE DETAIL FOR INTERIM TYPICAL SECTION ON SHEET 157 FOR ADDITIONAL INFORMATION.

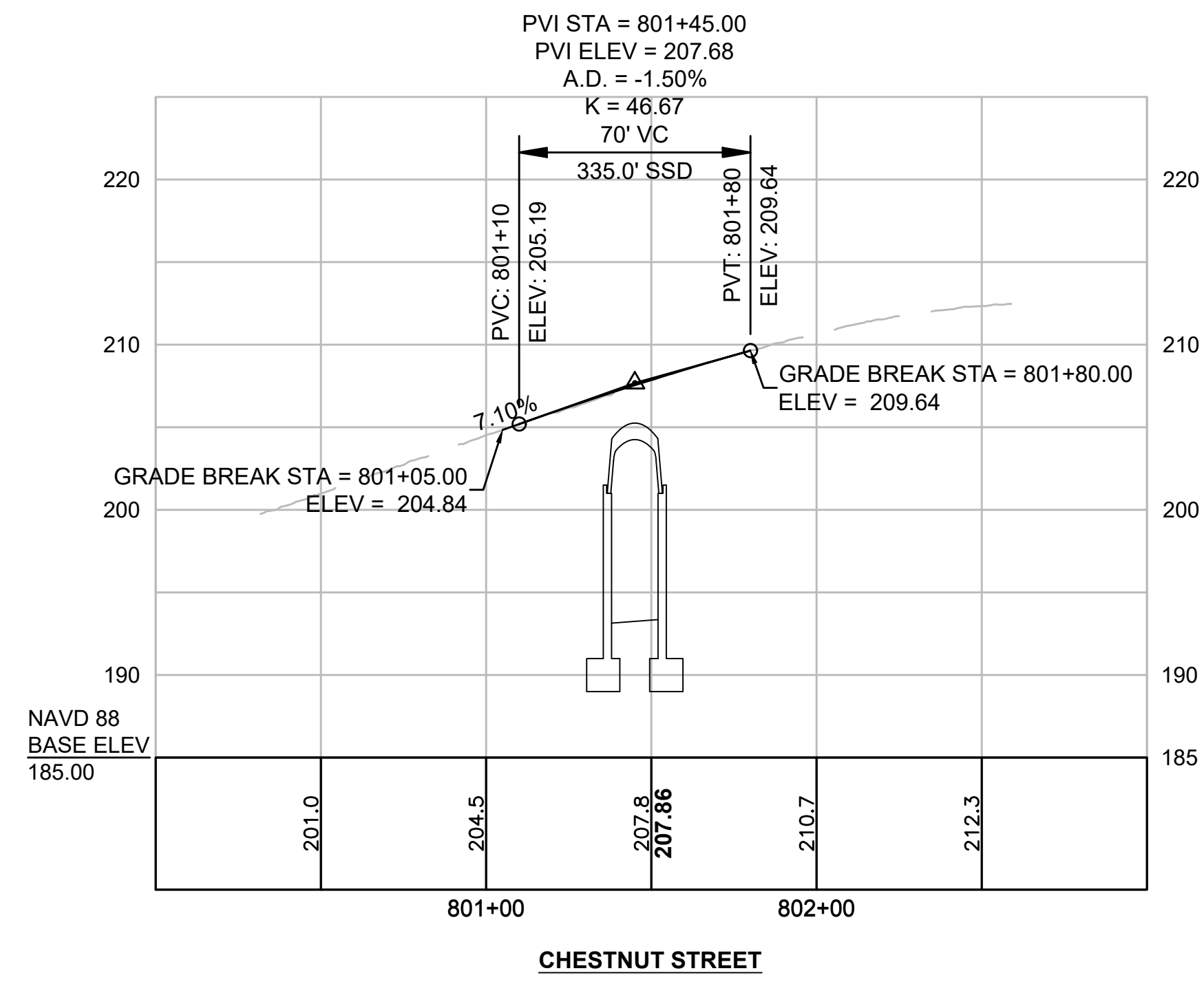


N O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 94 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES
DRAWING NO.	REV.			

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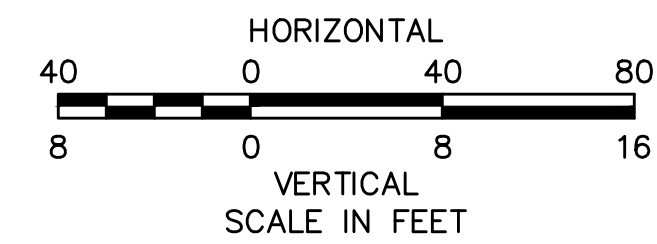
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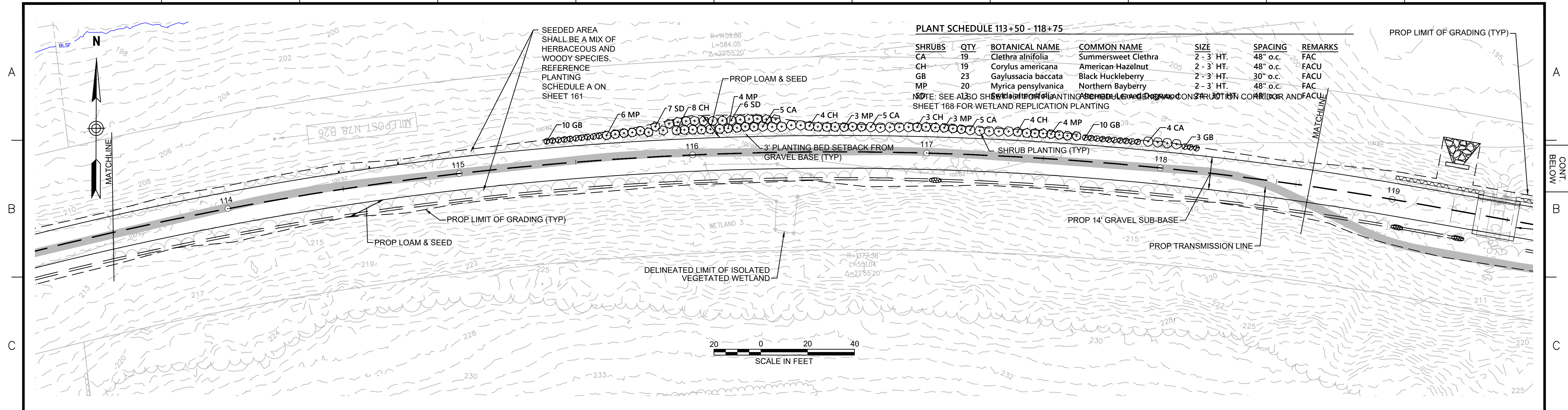
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N O.	DESCRIPTION	BY	DATE	APPR.
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EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
PROFILE				
PLAN 95 OF 349				
SCALE: unless noted H: 1"=40' V: 1"=8'		DATE	DRAWN	CHK'D
		DEC 2021	MS	SK
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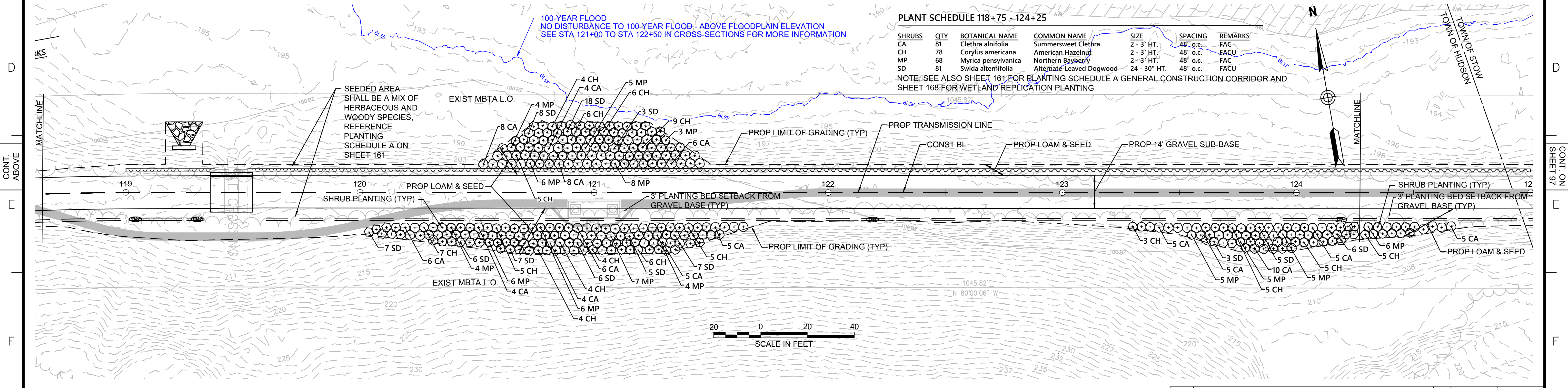
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PLANT SCHEDULE 113+50 - 118+75

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	19	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	19	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	23	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	20	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

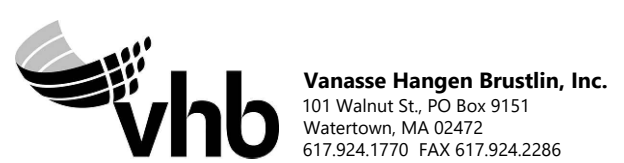


PLANT SCHEDULE 118+75 - 124+25

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	81	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	78	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	68	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FACU
SD	81	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30' HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
LANDSCAPE PLANS					
PLAN 96 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO. REV.

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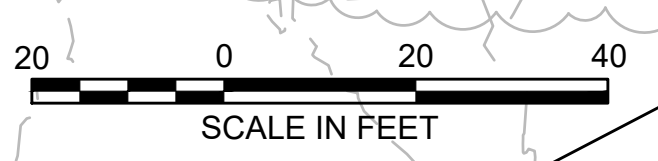
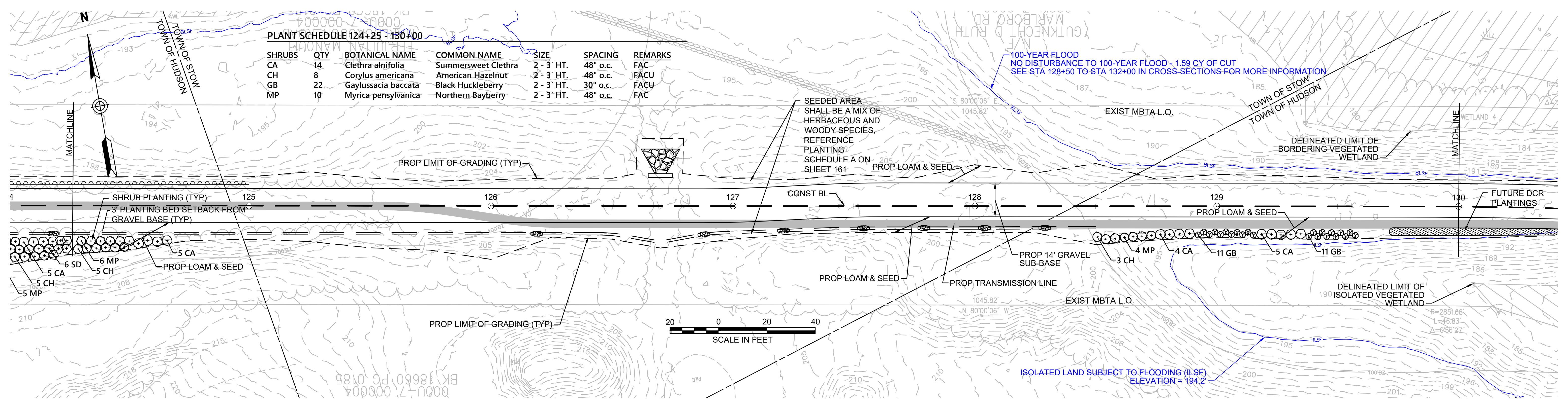
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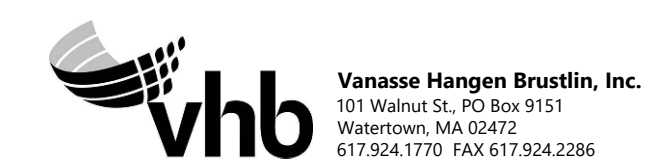
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PLANT SCHEDULE 124+25 - 130+00

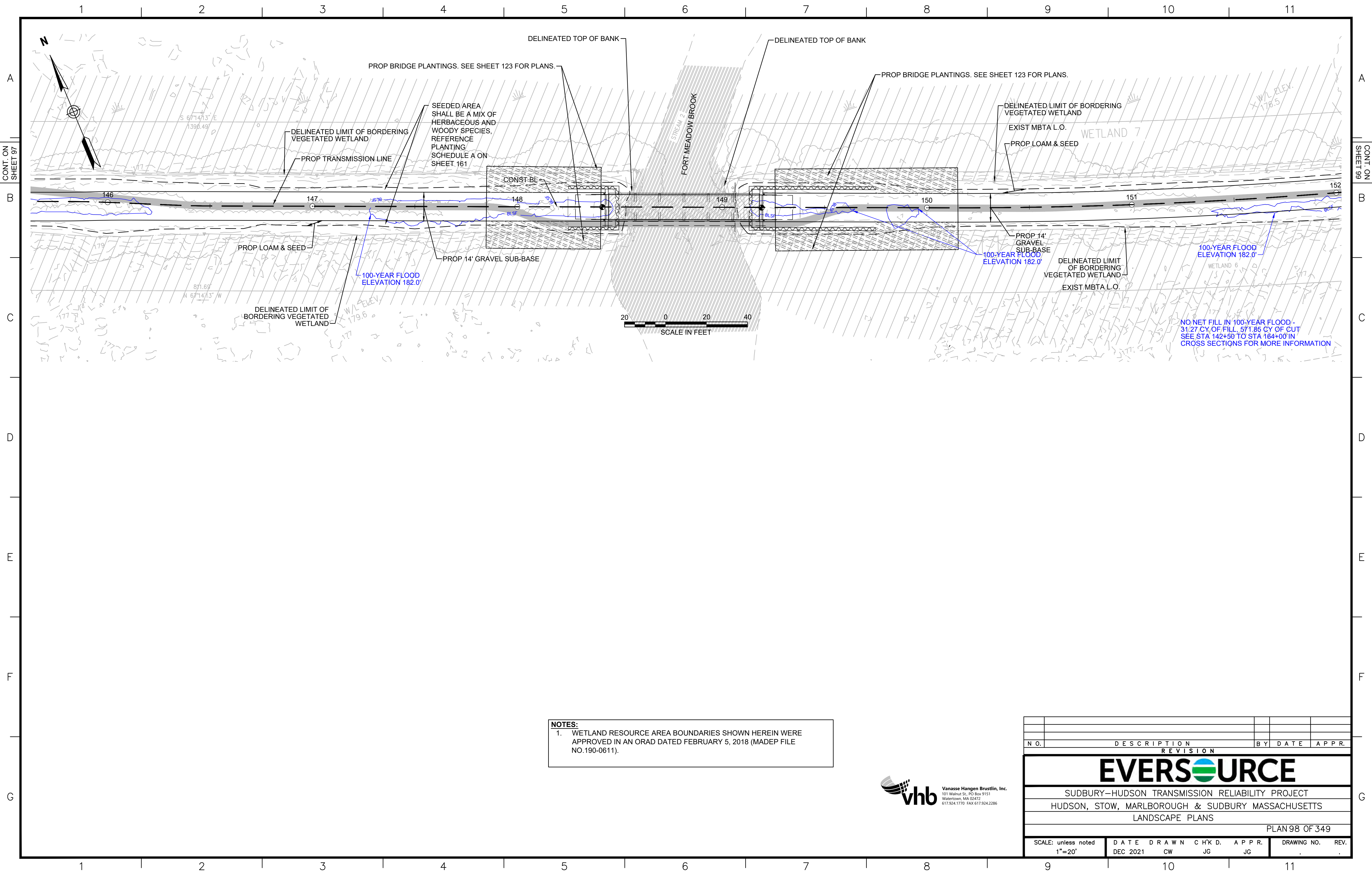
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	14	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	8	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	22	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	10	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 97 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.				REV.



CONT. ON SHEET 97

CONT. ON SHEET 99

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 98 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
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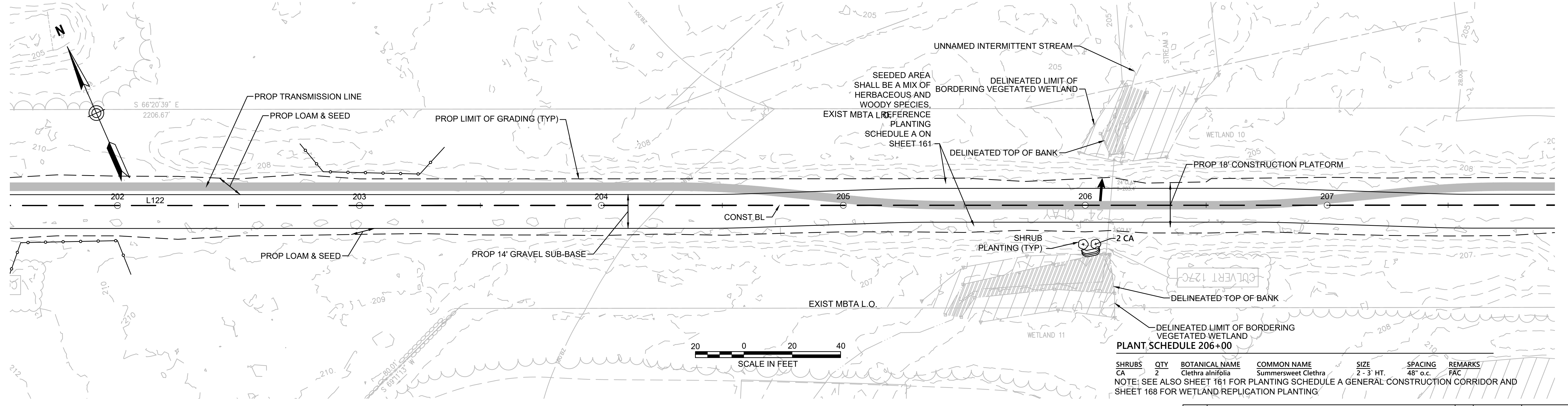
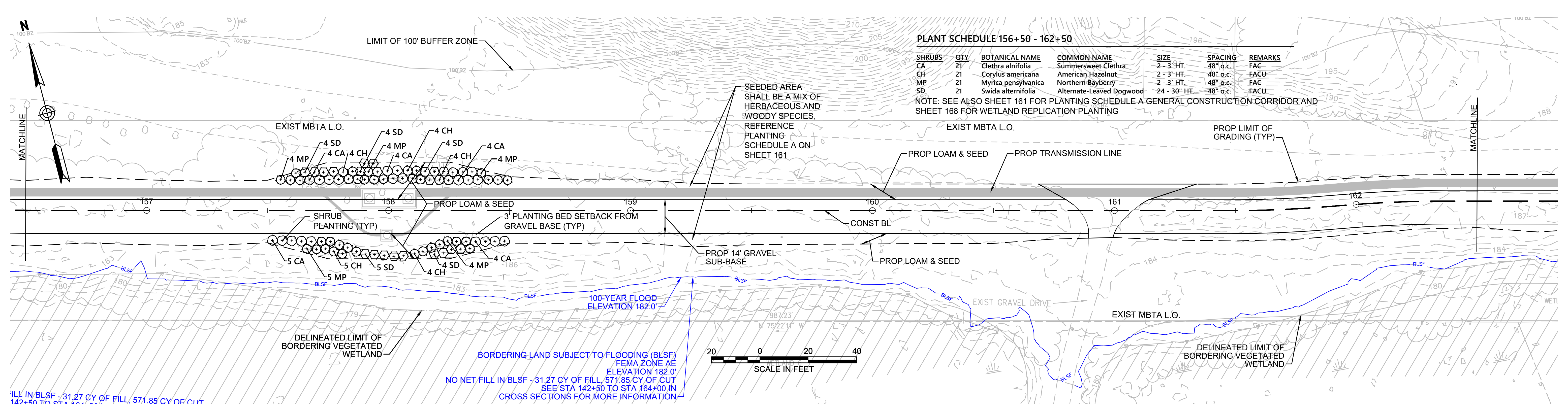
CONT. ON SHEET 98

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PLANT SCHEDULE 156+50 - 162+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	21	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	21	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	21	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	21	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FAC

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



PLANT SCHEDULE 206+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	2	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



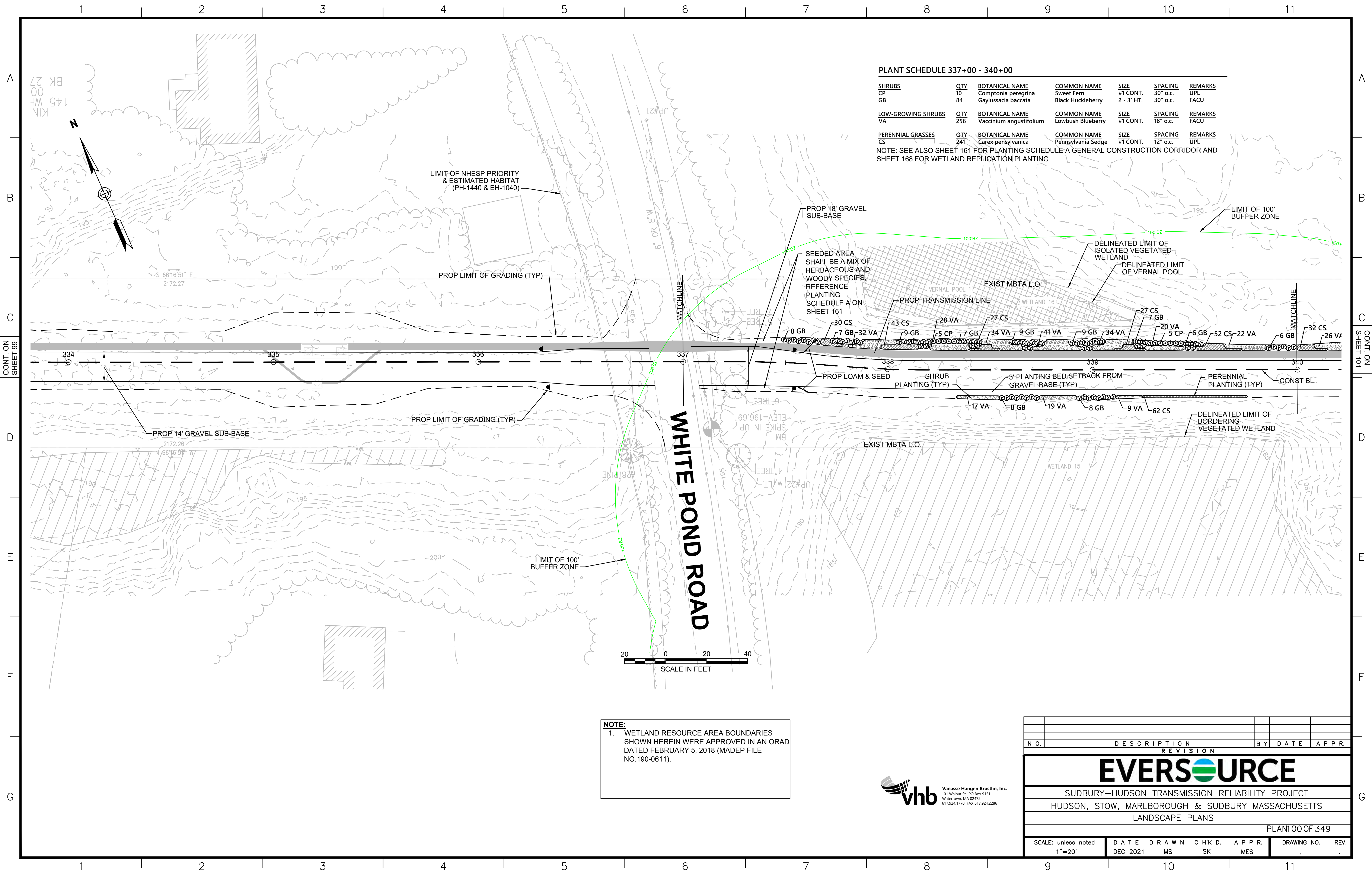
N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 LANDSCAPE PLANS

PLAN 99 OF 349

SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO.	REV.
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PLANT SCHEDULE 337+00 - 340+00

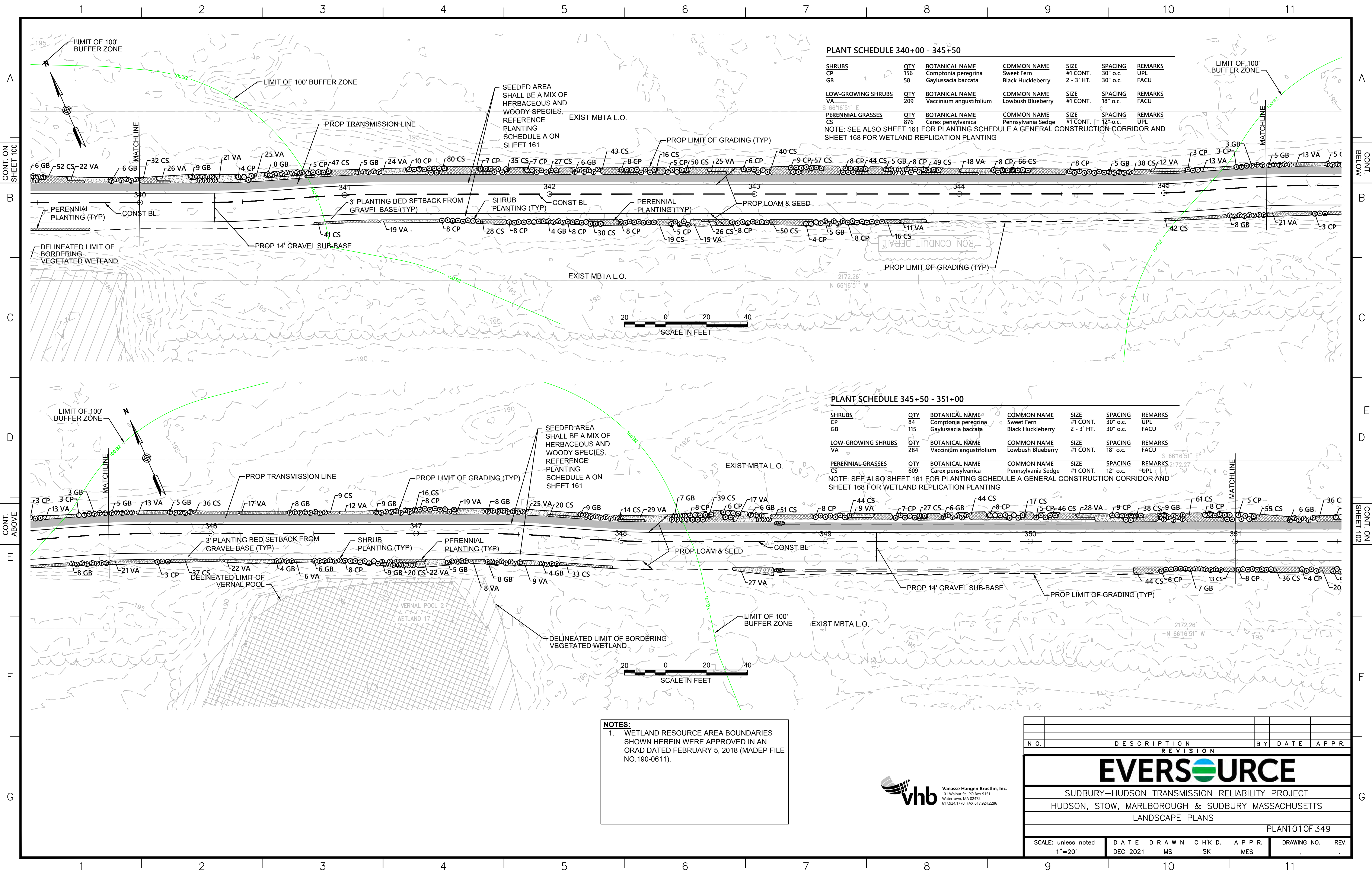
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	10	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	84	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	256	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	241	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
LANDSCAPE PLANS					
PLAN 100 OF 349					
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.	DRAWING NO. REV.
	DEC 2021	MS	SK	MES	



PLANT SCHEDULE 340+00 - 345+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	156	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	58	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	209	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	876	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

PLANT SCHEDULE 345+50 - 351+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	84	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	115	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	284	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	609	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 101 OF 349				
SCALE: unless noted 1"=20'	DATE	DRAWN	CHK'D.	APPR.
	DEC 2021	MS	SK	MES
DRAWING NO.	REV.			

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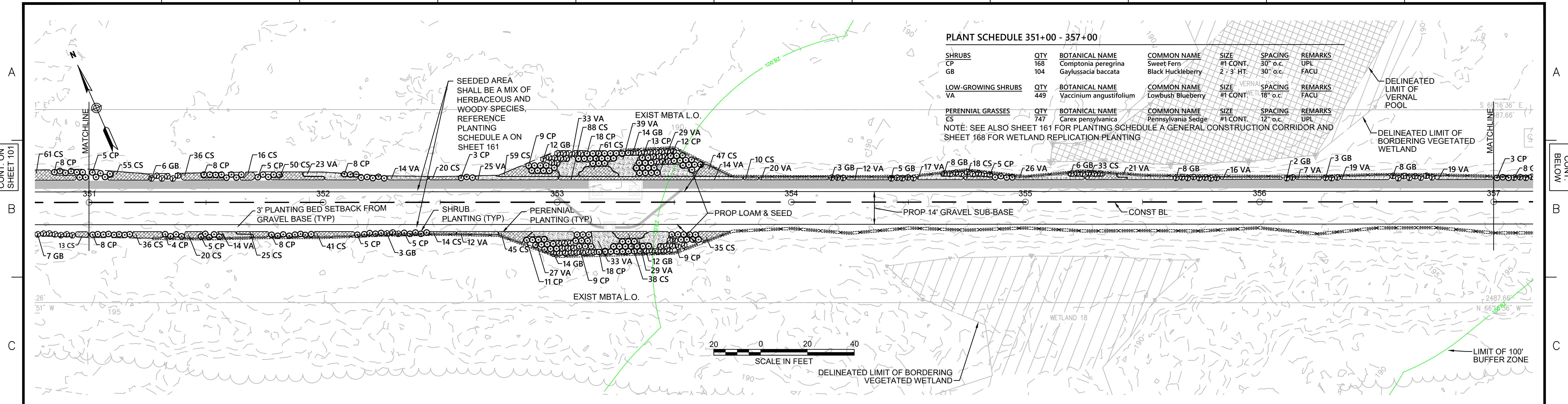
CONT. ON SHEET 101

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PLANT SCHEDULE 351+00 - 357+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	168	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	104	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	449	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	747	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



PLANT SCHEDULE 357+00 - 361+60: HUDSON AND MARLBOROUGH

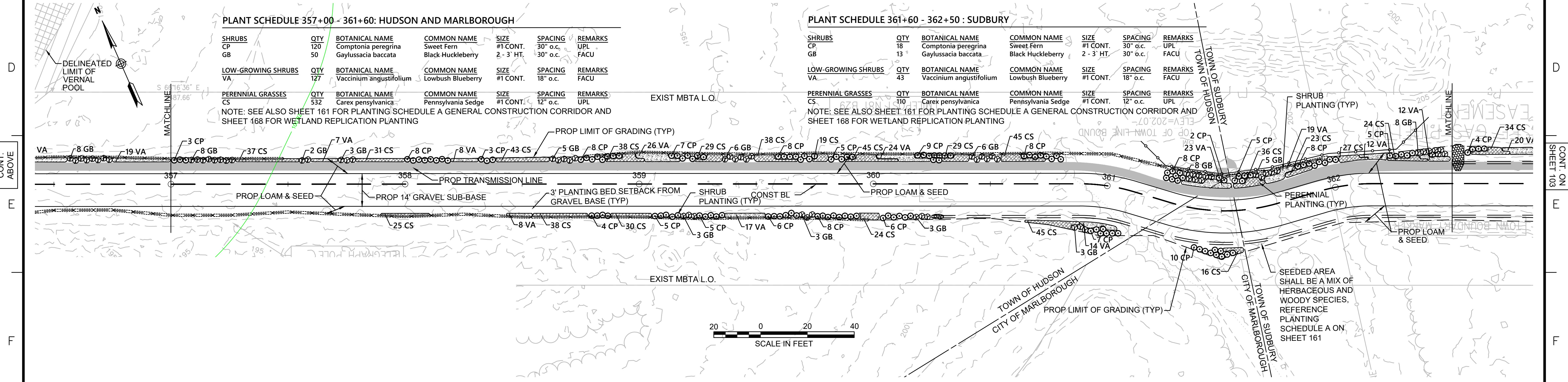
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	120	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	50	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	127	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	532	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

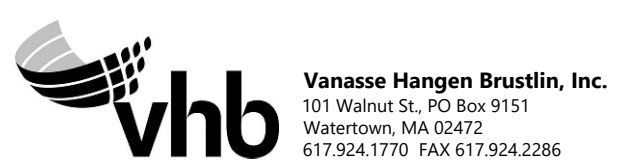
PLANT SCHEDULE 361+60 - 362+50 : SUDBURY

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	18	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	13	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	43	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	110	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



NOTE:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORD DATED FEBRUARY 5, 2018 (MADEP FILE NO.190-0611).



REVISION			
N.O.	DESCRIPTION	BY	DATE

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
LANDSCAPE PLANS

PLANT 02 OF 349

SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO.	REV.
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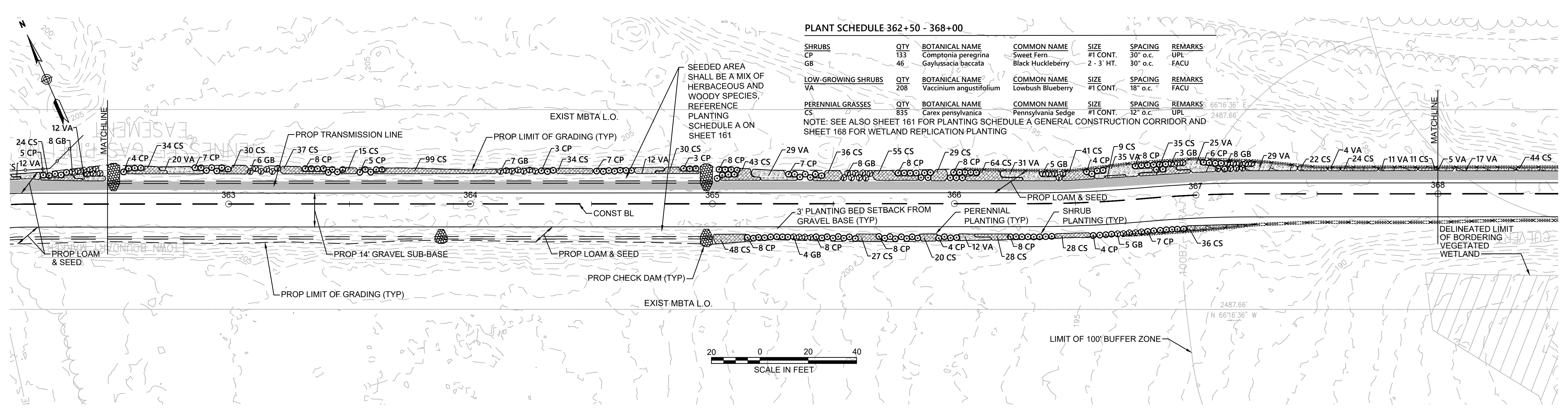
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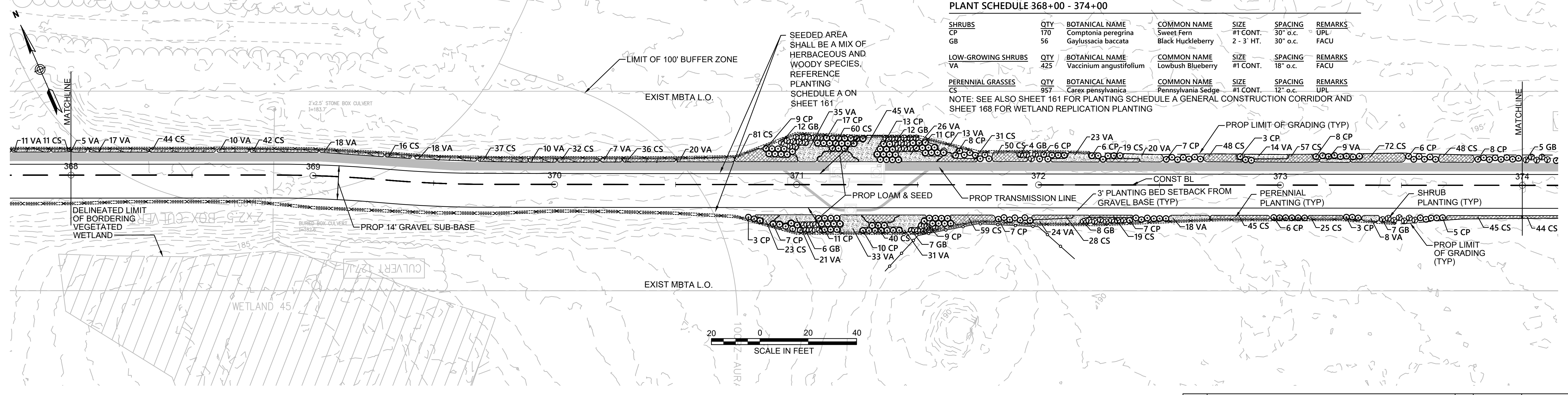
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PLANT SCHEDULE 362+50 - 368+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	133	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	46	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	208	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	835	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



PLANT SCHEDULE 368+00 - 374+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	170	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	56	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	425	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	957	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
LANDSCAPE PLANS

PLANT 03 OF 349

SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO.	REV.
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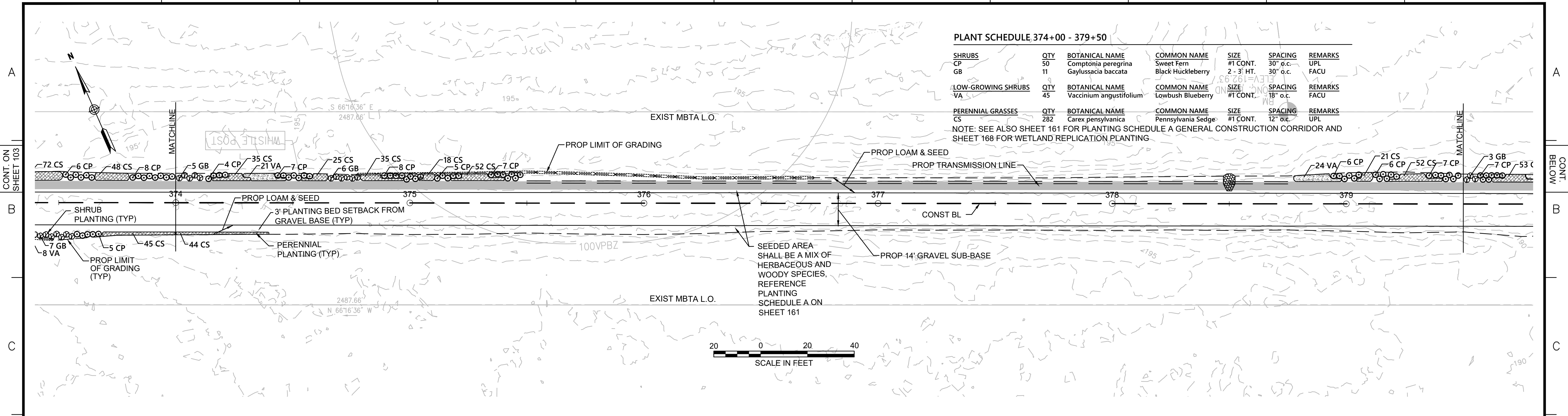
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PLANT SCHEDULE 374+00 - 379+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	50	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	11	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	45	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	282	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING.

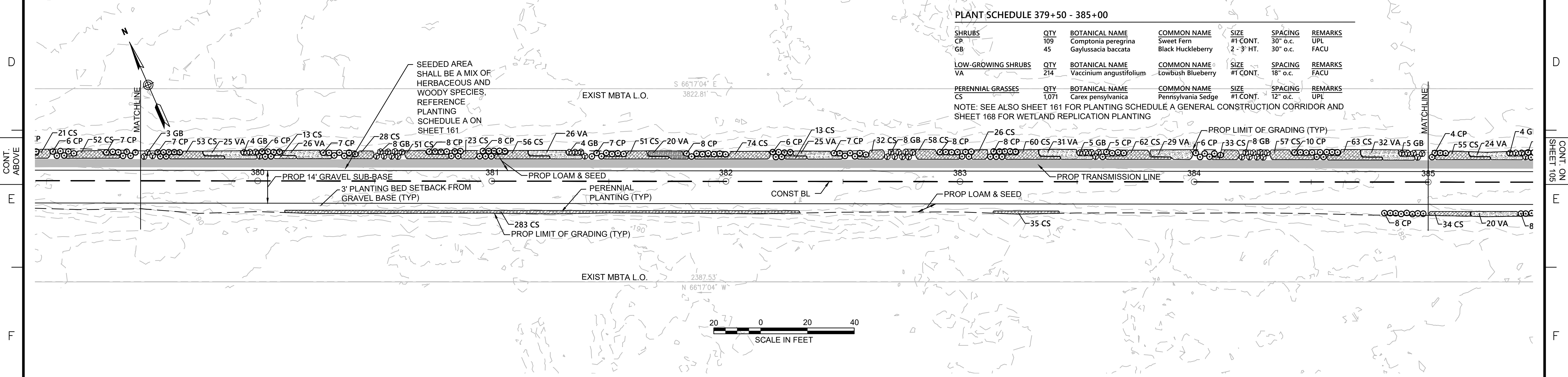


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PLANT SCHEDULE 379+50 - 385+00

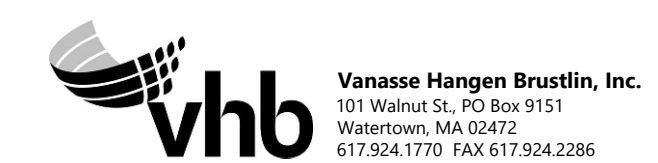
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	109	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	45	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	214	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	1,071	Carex pensylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING.



20 0 20 40
SCALE IN FEET

NOTE:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
LANDSCAPE PLANS

PLANT 04 OF 349

SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO.	REV.
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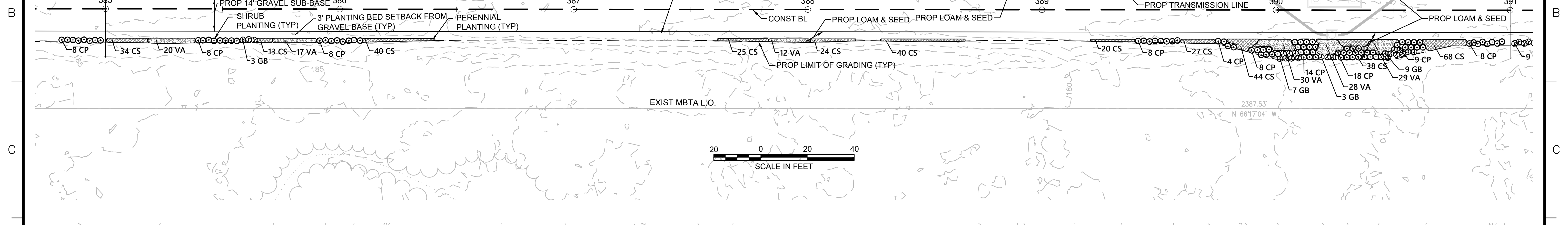
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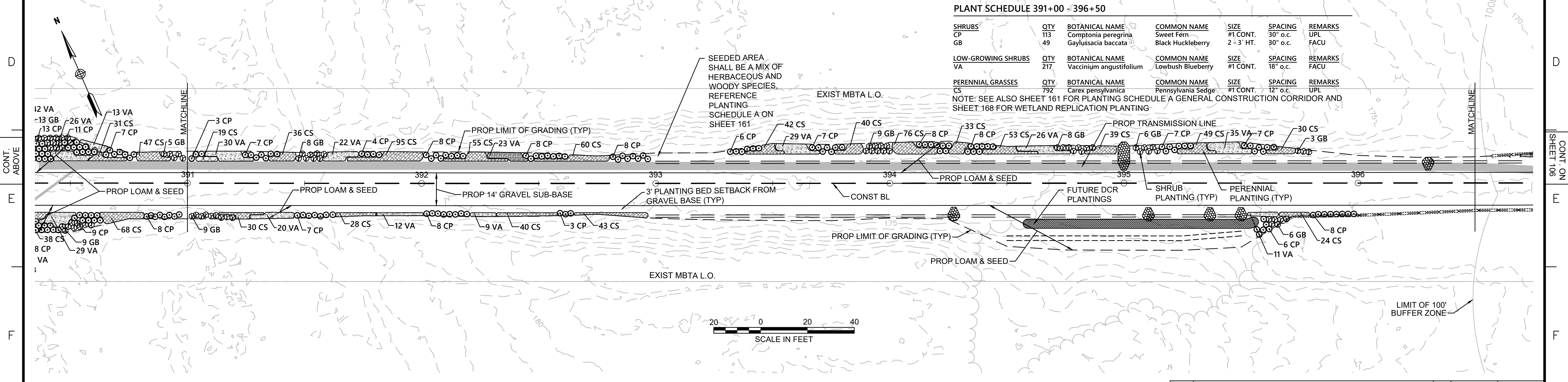
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PLANT SCHEDULE 385+00 - 391+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	230	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	88	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	421	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	1,280	Carex pennsylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



PLANT SCHEDULE 391+00 - 396+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	113	Comptonia peregrina	Sweet Fern	#1 CONT.	30" o.c.	UPL
GB	49	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	217	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18" o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	792	Carex pennsylvanica	Pennsylvania Sedge	#1 CONT.	12" o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTE:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLANT 05 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
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PLANT SCHEDULE 396+50 - 402+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CP	5	Comptonia peregrina	Sweet Fern	#1 CONT.	30' o.c.	FACU
GB	42	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30' o.c.	FACU
LOW-GROWING SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VA	84	Vaccinium angustifolium	Lowbush Blueberry	#1 CONT.	18' o.c.	FACU
PERENNIAL GRASSES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CS	135	Carex pennsylvanica	Pennsylvania Sedge	#1 CONT.	12' o.c.	UPL

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

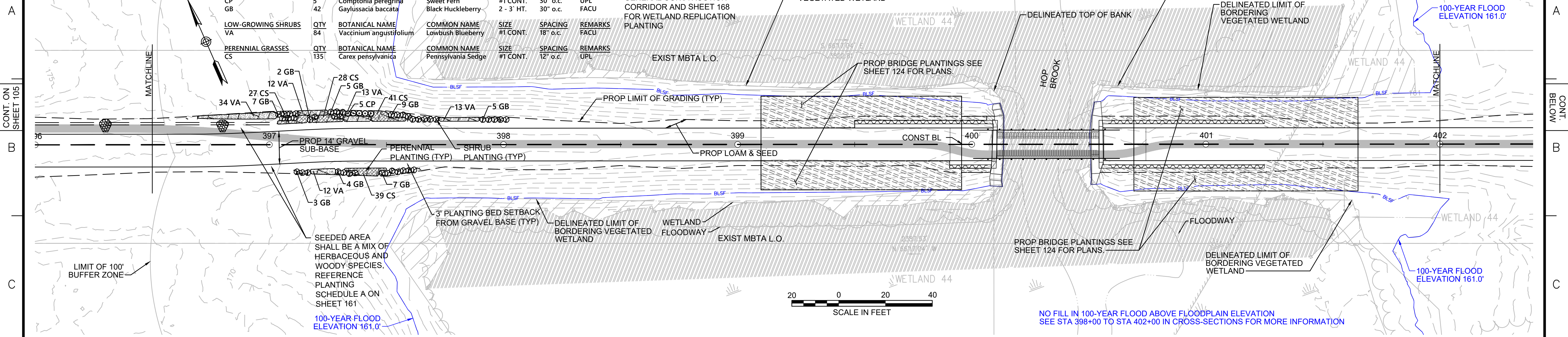
DELIMITED LIMIT OF BORDERING VEGETATED WETLAND

DELIMITED TOP OF BANK

DELIMITED LIMIT OF BORDERING VEGETATED WETLAND

LIMIT OF NHESP PRIORITY & ESTIMATED HABITAT (PH-1440 & EH-1040)

100-YEAR FLOOD ELEVATION 161.0'



PLANT SCHEDULE 402+00 - 408+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CH	10	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	10	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FACU
SD	10	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU
VC	3	Vaccinium corymbosum	Highbush Blueberry	3 - 4' HT.	48" o.c.	FACW

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

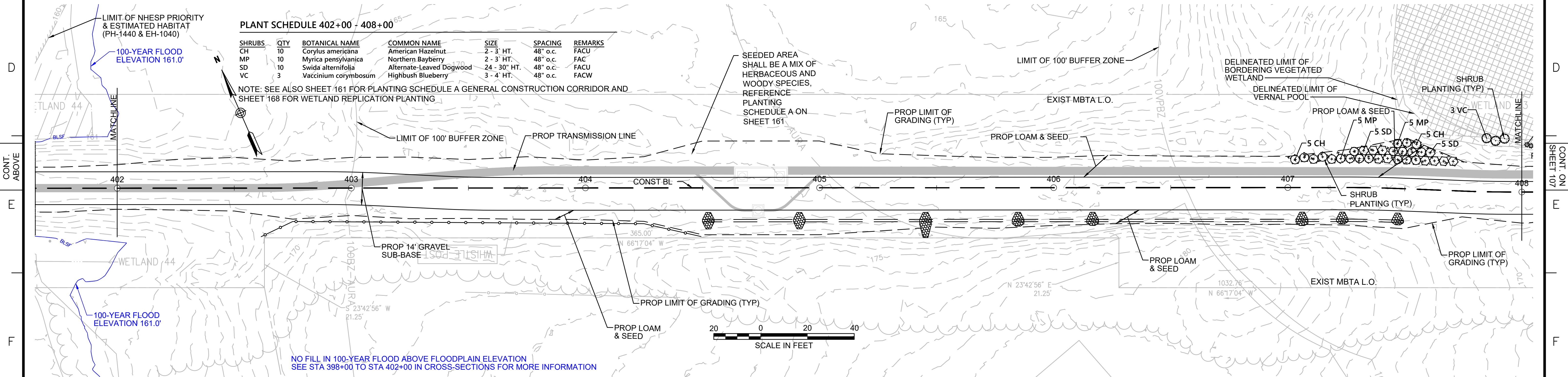
SEEDING AREA SHALL BE A MIX OF HERBACEOUS AND WOODY SPECIES. REFERENCE PLANTING SCHEDULE A ON SHEET 161

LIMIT OF 100' BUFFER ZONE

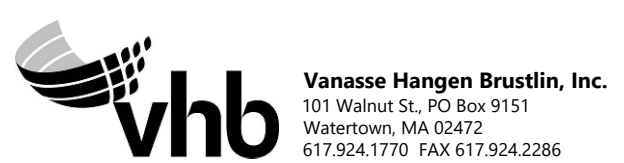
DELIMITED LIMIT OF BORDERING VEGETATED WETLAND

DELIMITED LIMIT OF VERNAL POOL

SHRUB PLANTING (TYP)



NOTES:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).



NO.	DESCRIPTION	BY	DATE	APPR.
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 106 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.				REV.

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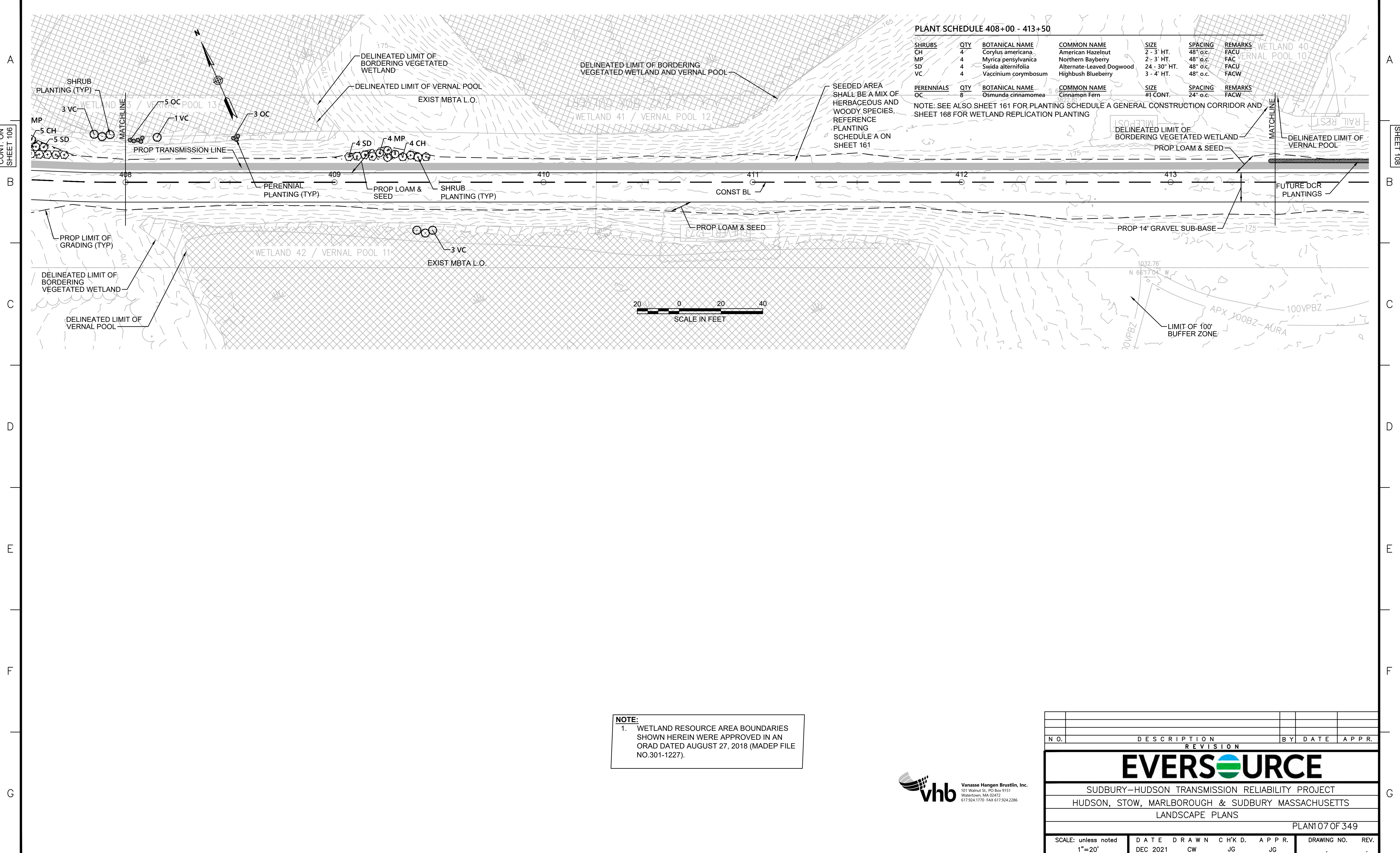
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CONT. ON SHEET 106

CONT. ON SHEET 108



PLANT SCHEDULE 408+00 - 413+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CH	4	<i>Corylus americana</i>	American Hazelnut	2 - 3 HT.	48" o.c.	FACU
MP	4	<i>Myrica pensylvanica</i>	Northern Bayberry	2 - 3 HT.	48" o.c.	FACU
SD	4	<i>Swida alternifolia</i>	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU
VC	4	<i>Vaccinium corymbosum</i>	Highbush Blueberry	3 - 4 HT.	48" o.c.	FACW

PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
OC	8	<i>Osmunda cinnamomea</i>	Cinnamon Fern	#1 CONT.	24" o.c.	FACW

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

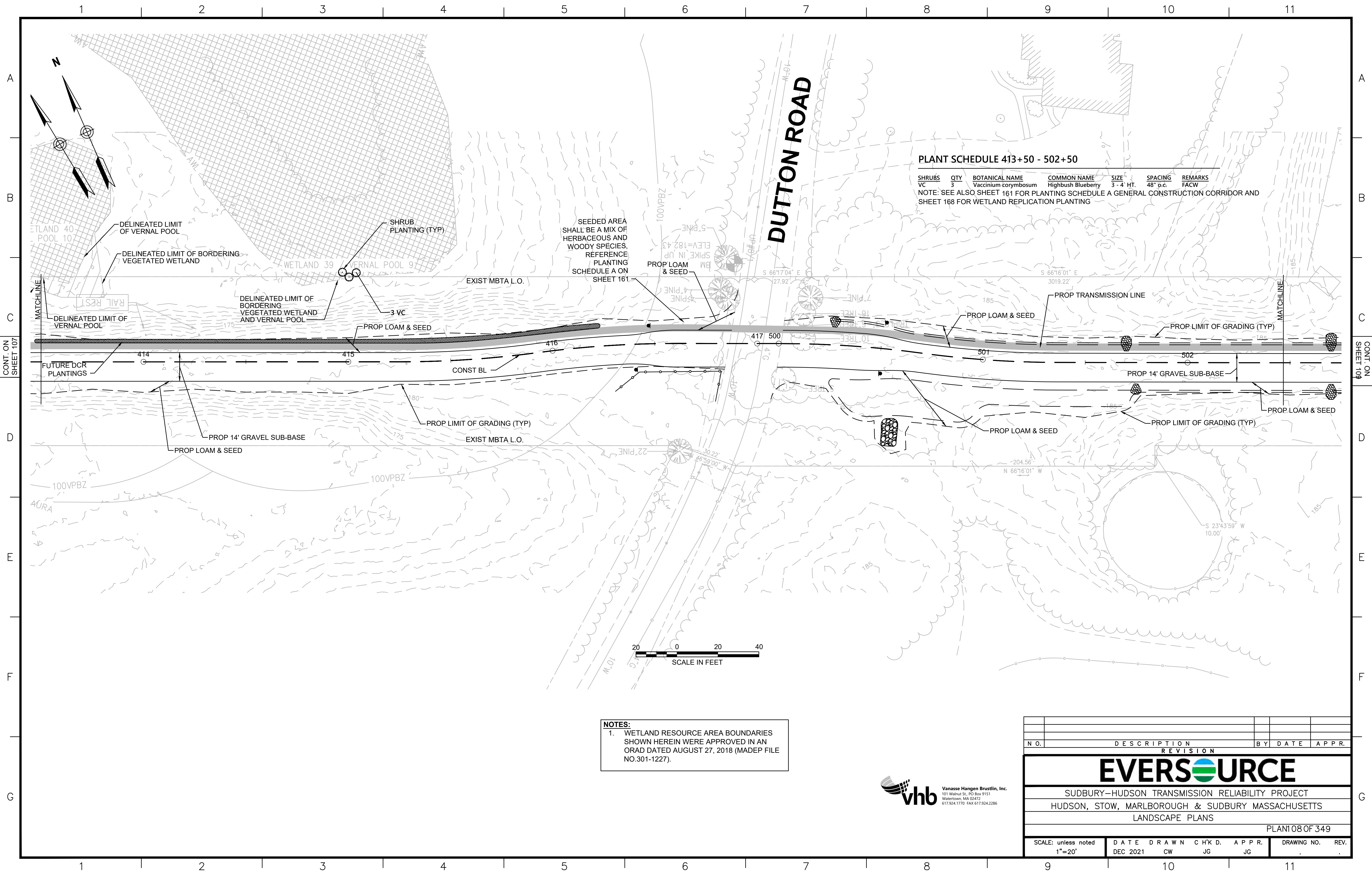
SEEDED AREA SHALL BE A MIX OF HERBACEOUS AND WOODY SPECIES. REFERENCE PLANTING SCHEDULE A ON SHEET 161

NOTE:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 107 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.				REV.

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PLANT SCHEDULE 413+50 - 502+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
VC	3	Vaccinium corymbosum	Highbush Blueberry	3-4 HT.	48" o.c.	FACW

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO.301-1227).

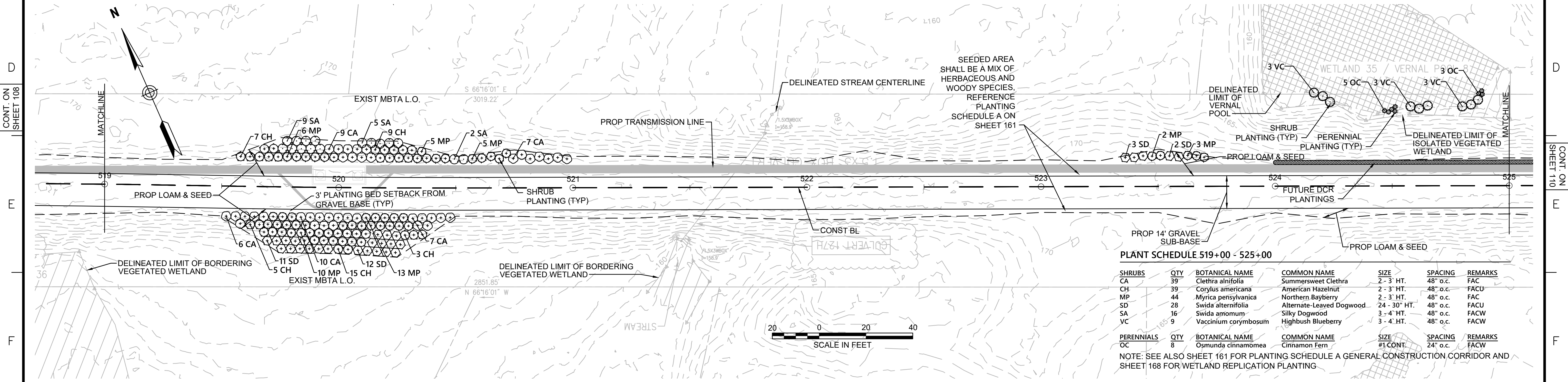


NO.	DESCRIPTION	BY	DATE	APPR.
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 108 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
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PLANT SCHEDULE 519+00 - 525+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	39	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	39	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	44	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	28	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU
SA	16	Swida anomum	Silky Dogwood	3 - 4' HT.	48" o.c.	FACU
VC	9	Vaccinium corymbosum	Highbush Blueberry	3 - 4' HT.	48" o.c.	FACW

PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
OC	8	Osmunda cinnamomea	Cinnamon Fern	#1 CONT.	24" o.c.	FACW

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 109 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.	REV.			

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CONT. ON SHEET 109

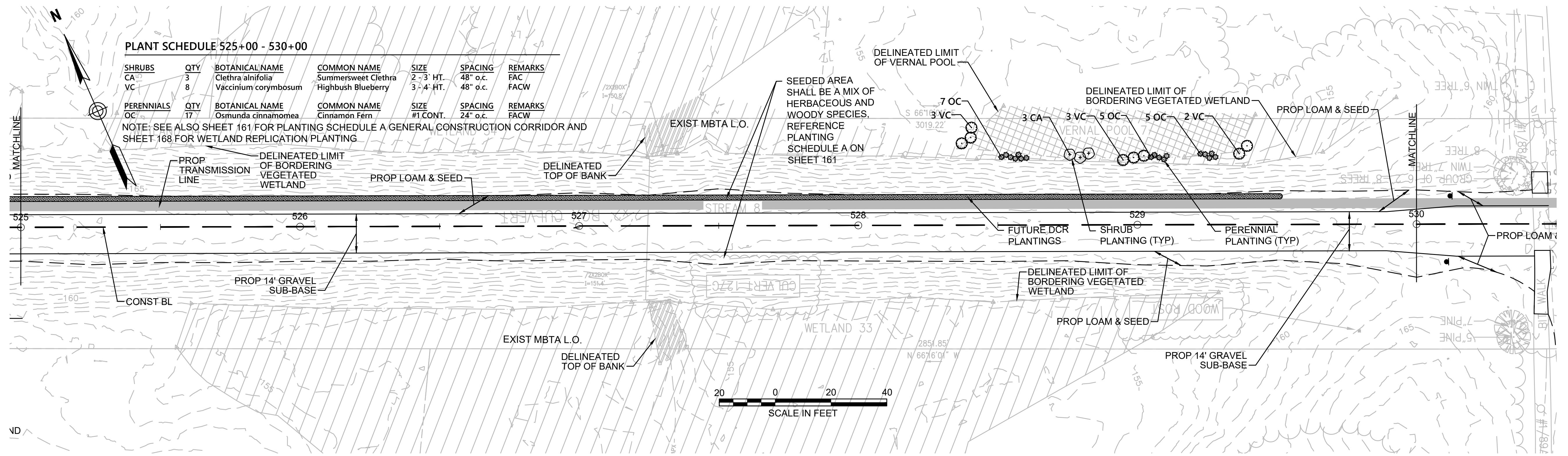
CONT. ON SHEET 111

PLANT SCHEDULE 525+00 - 530+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	3	Clethra alnifolia	Summersweet Clethra	2 - 3 HT.	48" o.c.	FAC
VC	8	Vaccinium corymbosum	Highbush Blueberry	3 - 4 HT.	48" o.c.	FACW

PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
OC	17	Osmunda cinnamomea	Cinnamon Fern	#1 CONT.	24" o.c.	FACW

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 10 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CH'K D. JG	APPR. JG
DRAWING NO.	REV.			

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CONT. ON SHEET 109

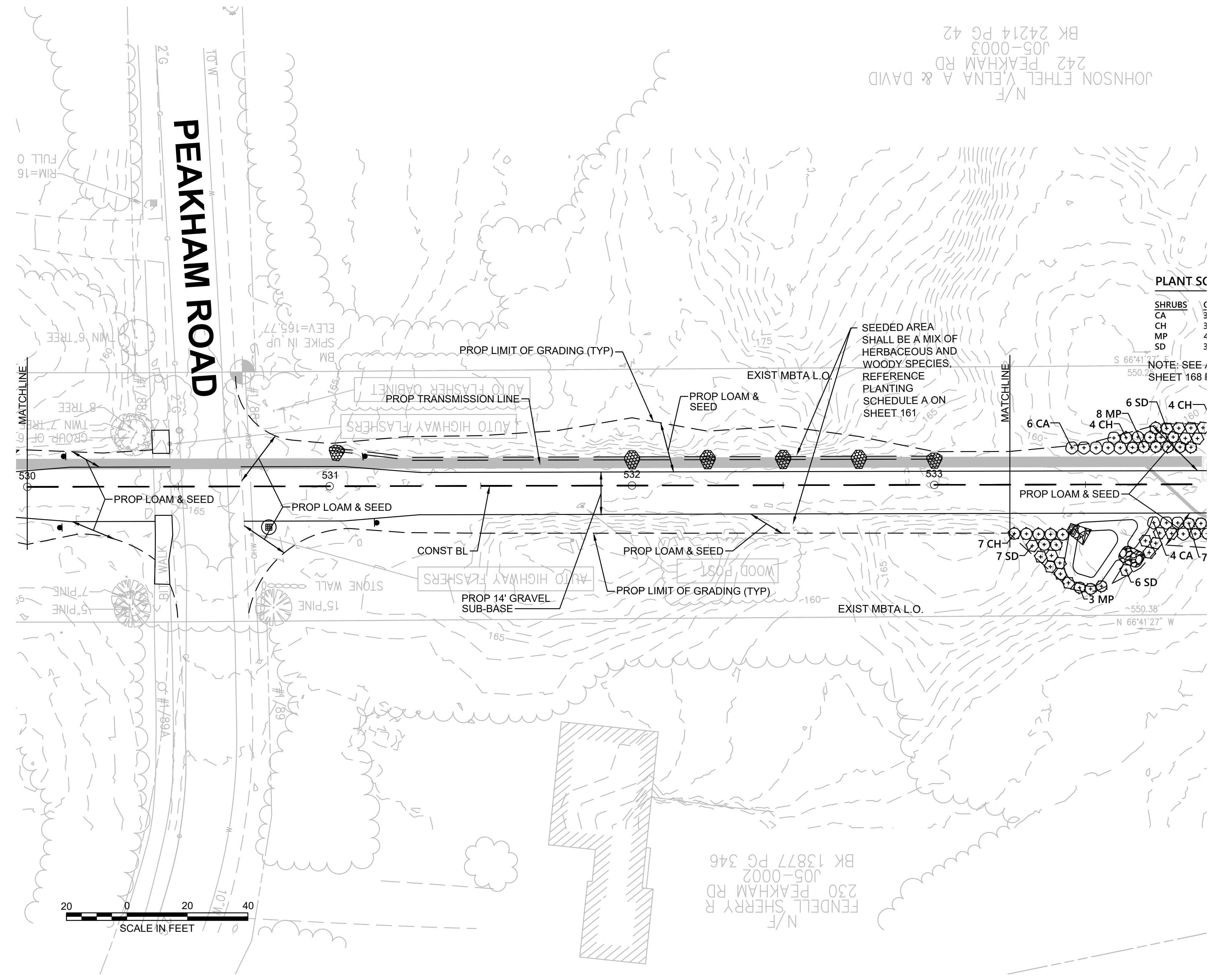
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N/
JOHNSON ETHEL VELNA A & DAVID
242 PEAKHAM RD
PEAKHAM MA 01063
BK 24214 PG 42



N/
FENDELL SHERRY R
230 PEAKHAM RD
PEAKHAM MA 01063
BK 13877 PG 346

NOTE:

1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORD. DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



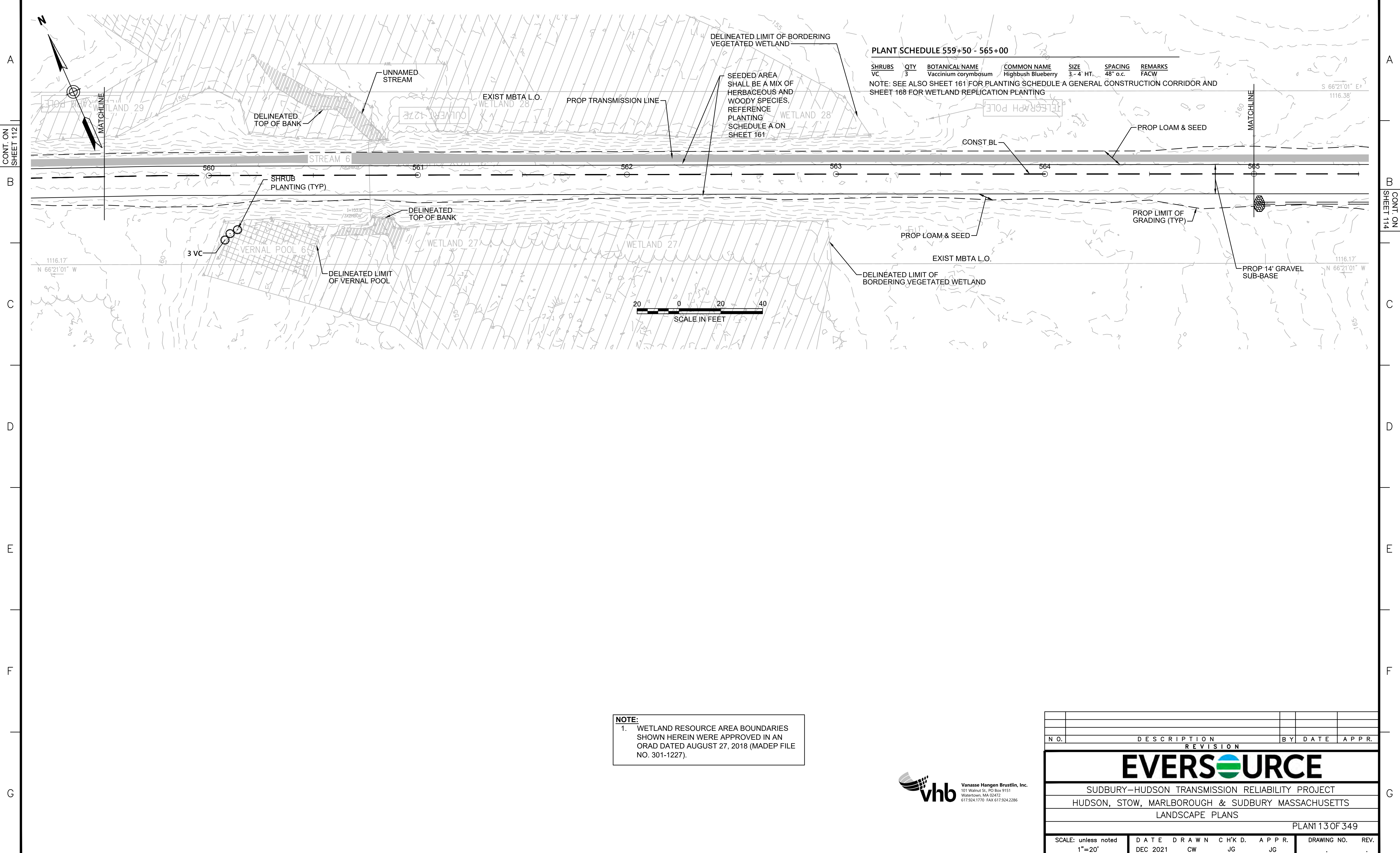
NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
LANDSCAPE PLANS					
PLAN 111 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO. REV.

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NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 113 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.				REV.

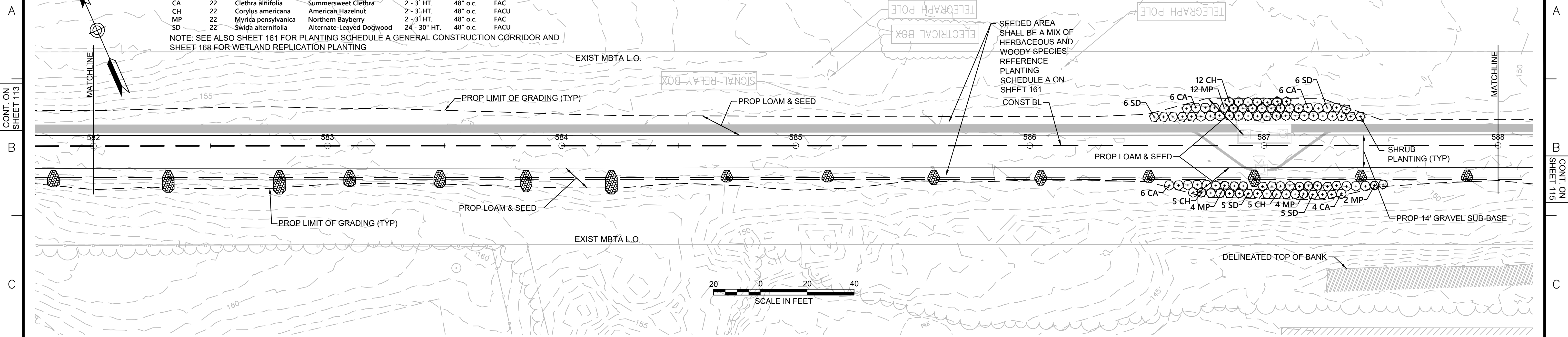
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PLANT SCHEDULE 582+00 - 588+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	22	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	22	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	22	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	22	Swida alternifolia	Alternate-Leaved Dogwood	24' - 30' HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



NOTE:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 14 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.	REV.			

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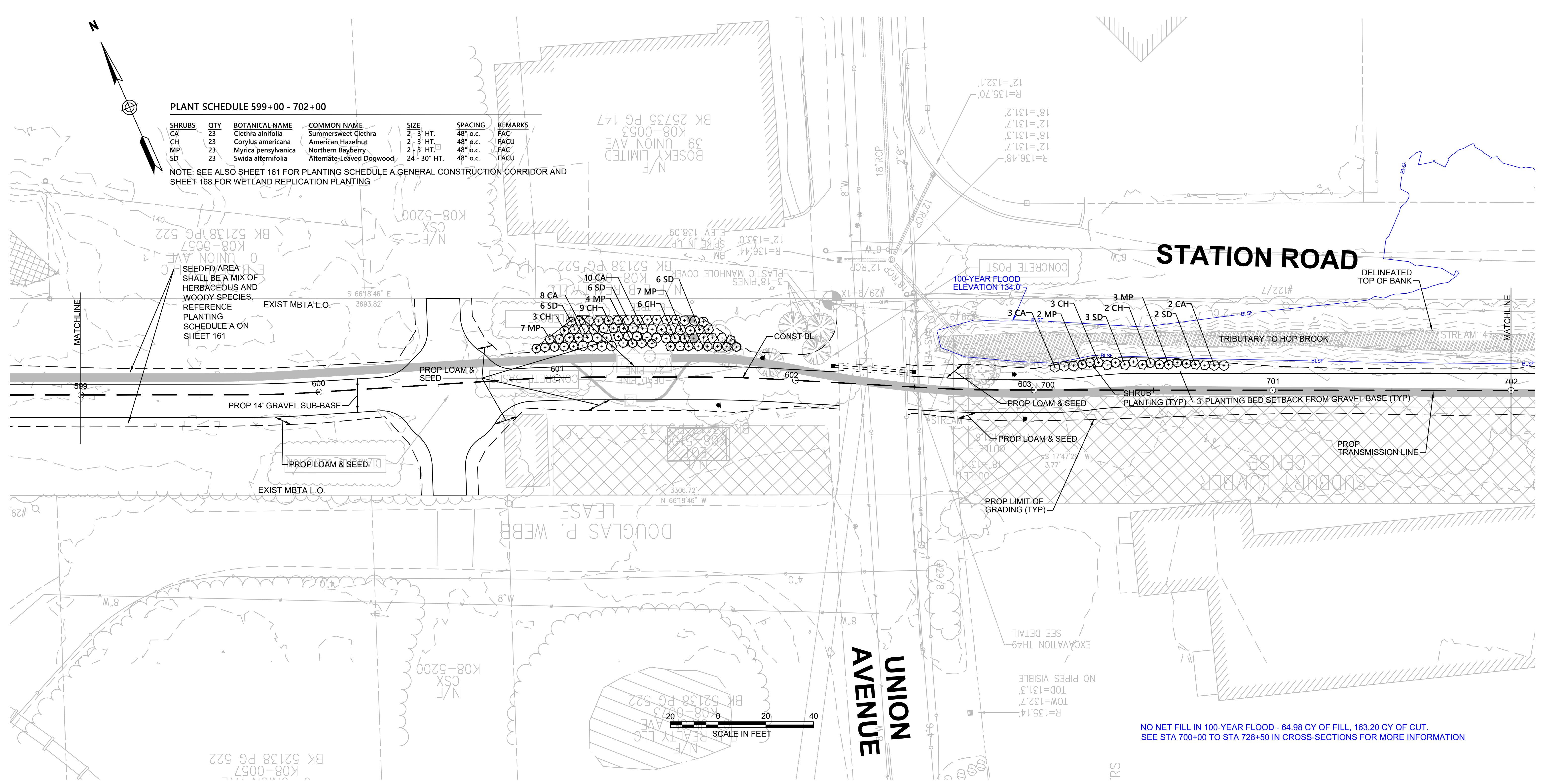
PLANT SCHEDULE 599+00 - 702+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	23	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	23	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	23	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	23	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

SEEDING AREA SHALL BE A MIX OF HERBACEOUS AND WOODY SPECIES. REFERENCE PLANTING SCHEDULE A ON SHEET 161

STATION ROAD



NO NET FILL IN 100-YEAR FLOOD - 64.98 CY OF FILL, 163.20 CY OF CUT. SEE STA 700+00 TO STA 728+50 IN CROSS-SECTIONS FOR MORE INFORMATION

NOTES:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
LANDSCAPE PLANS					
PLAN 115 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO. REV.

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CONT. ON SHEET 114

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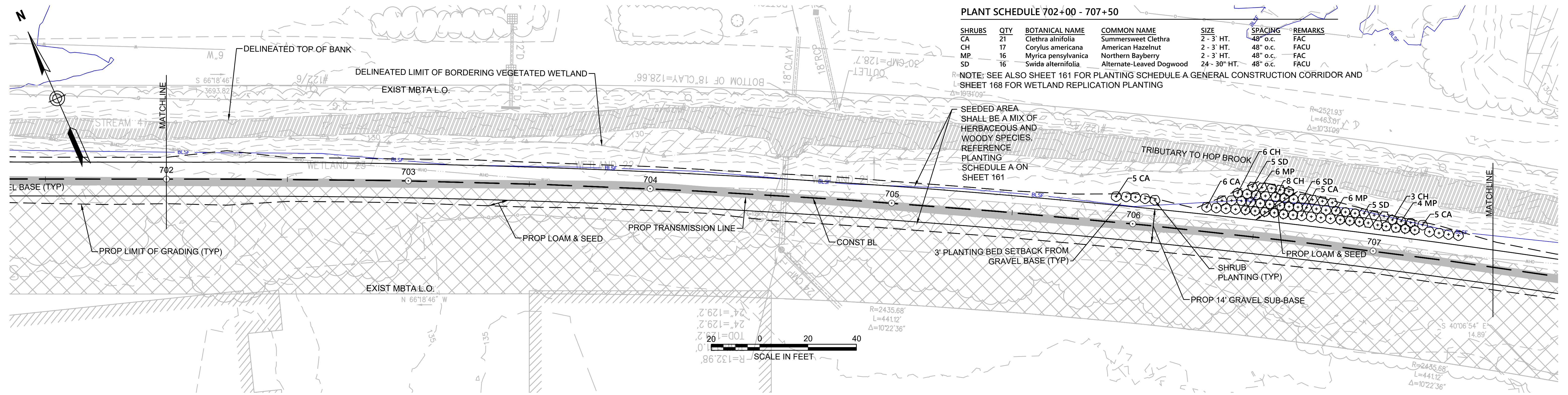
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PLANT SCHEDULE 702+00 - 707+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	21	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	17	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	16	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	16	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

SEEDED AREA SHALL BE A MIX OF HERBACEOUS AND WOODY SPECIES. REFERENCE PLANTING SCHEDULE A ON SHEET 161



NOTES:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 116 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.				REV.

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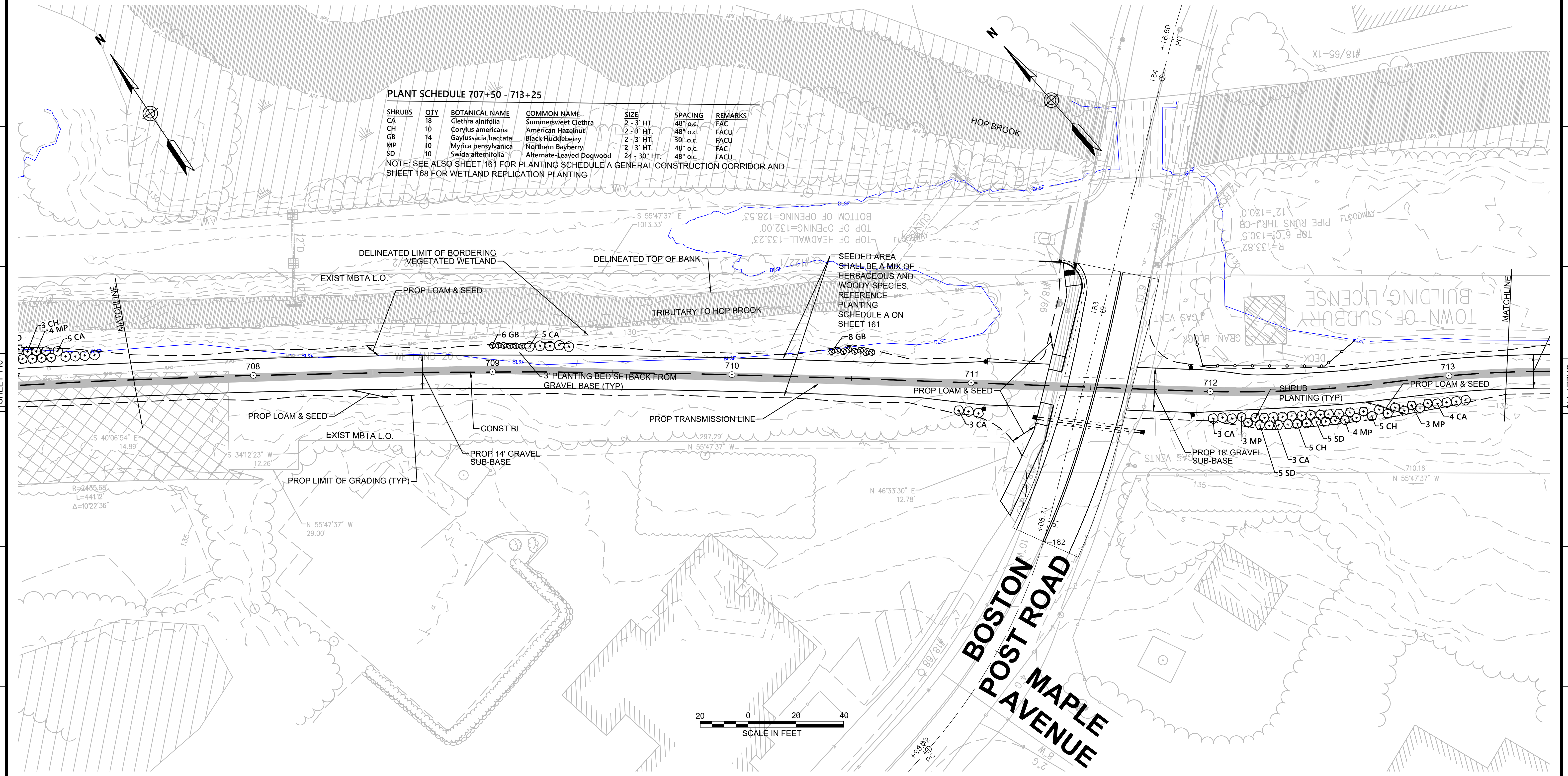
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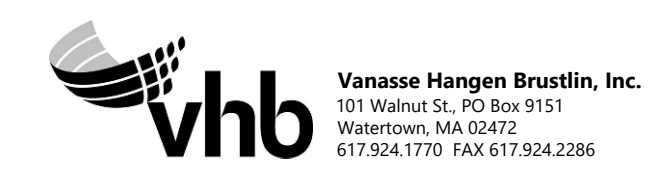
PLANT SCHEDULE 707+50 - 713+25

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	18	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FACU
CH	10	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	14	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	10	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FACU
SD	10	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



NOTES:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

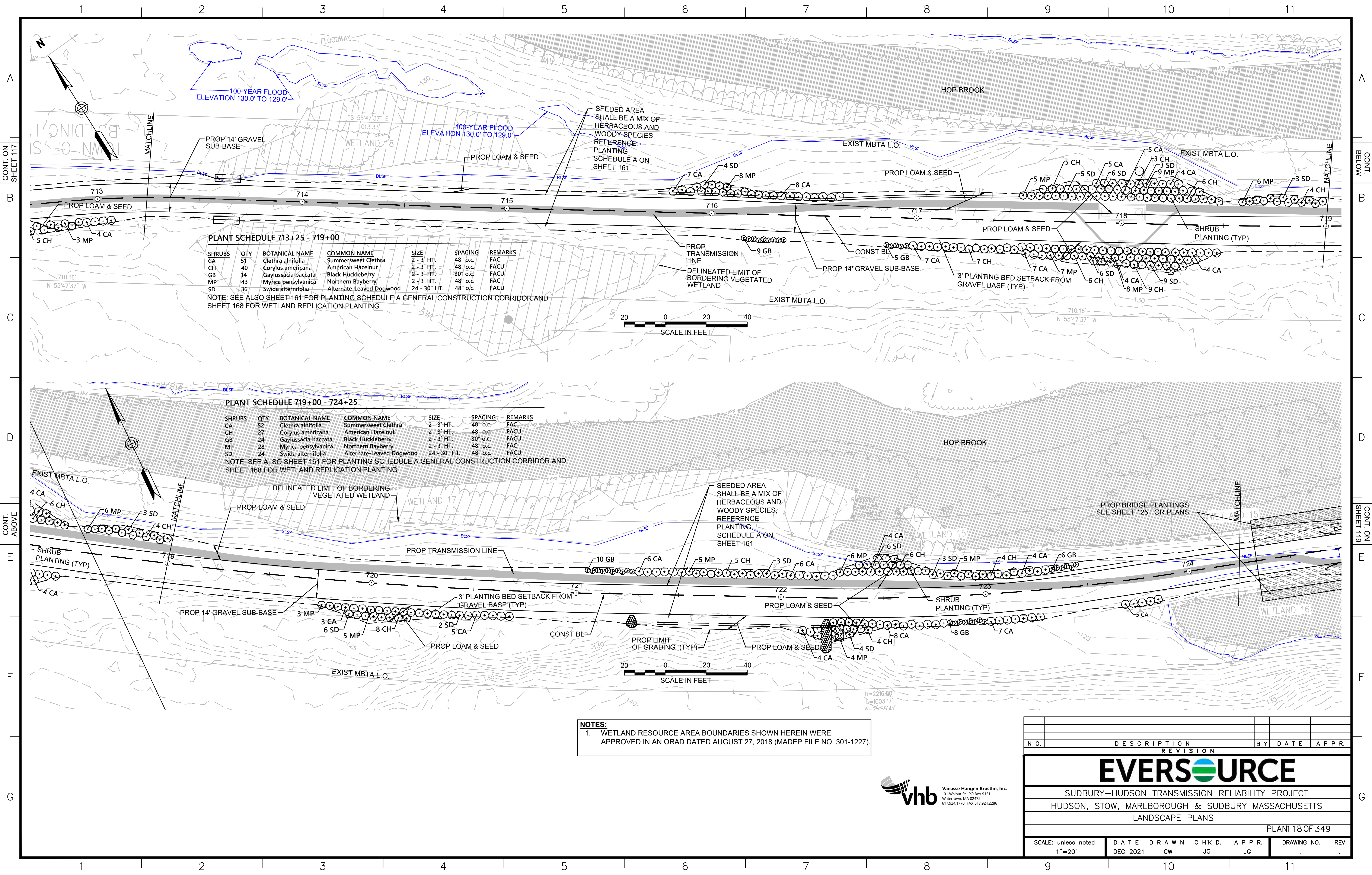
EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
LANDSCAPE PLANS

PLAN 117 OF 349

SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO.	REV.
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PLANT SCHEDULE 713+25 - 719+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	51	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	40	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	14	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	43	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	36	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

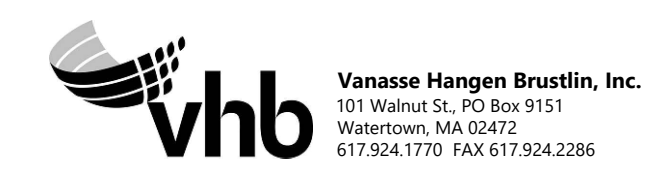
NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

PLANT SCHEDULE 719+00 - 724+25

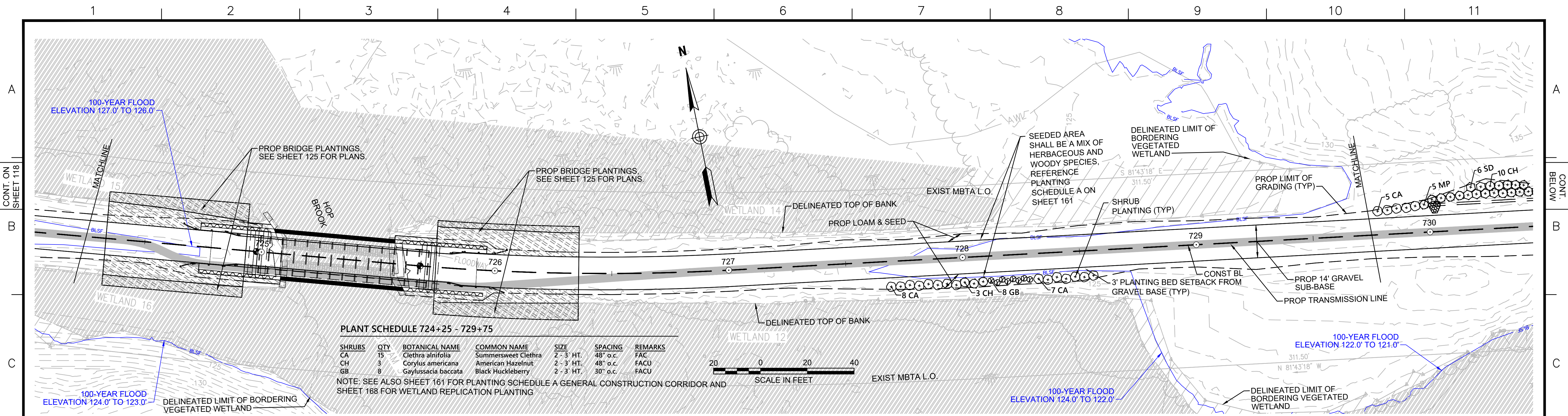
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	52	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	27	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	24	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	28	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	24	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



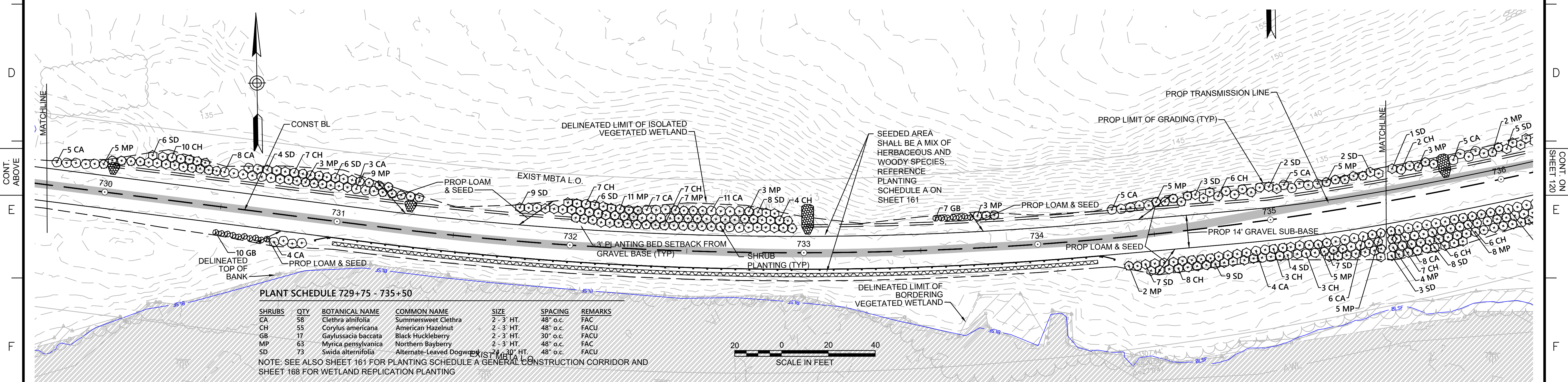
N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 18 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.				REV.



PLANT SCHEDULE 724+25 - 729+75

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	15	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	3	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	8	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



PLANT SCHEDULE 729+75 - 735+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	58	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	55	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	17	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	63	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	73	Swida alternifolia	Alternate-Leaved Dogwood	2 - 3' HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



NO.	DESCRIPTION	BY	DATE	APPR.
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 119 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.	REV.			

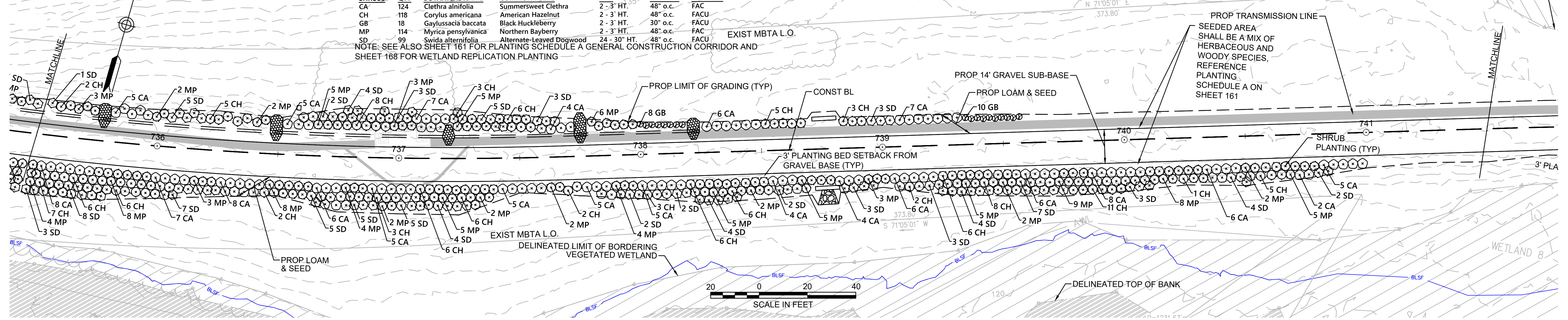
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PLANT SCHEDULE 735+50 - 741+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	124	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	118	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	18	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	114	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	99	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

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NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



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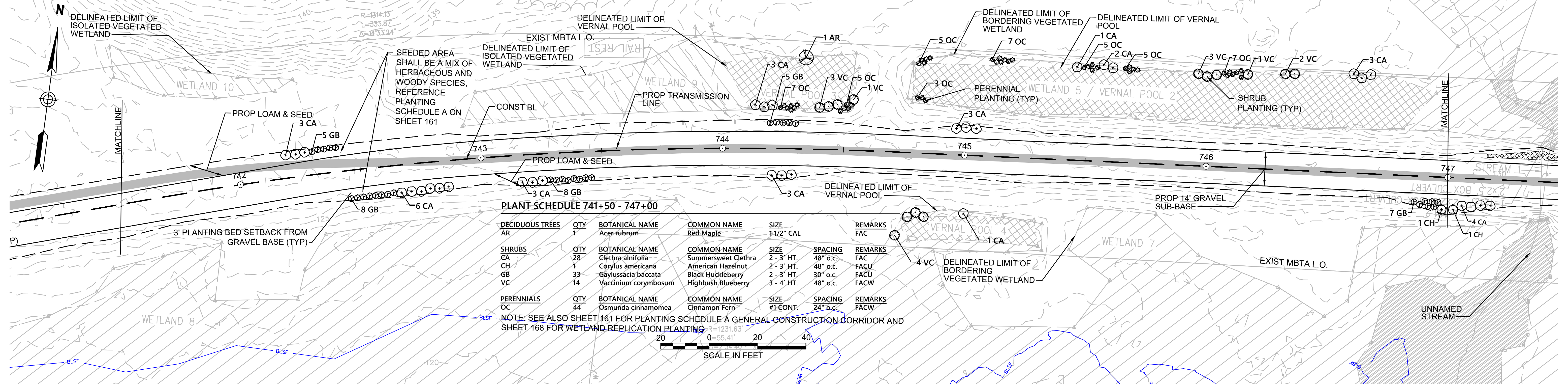
PLANT SCHEDULE 741+50 - 747+00

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
AR	1	Acer rubrum	Red Maple	1 1/2" CAL	FAC

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	28	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	1	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	33	Gaylussacia baccata	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
VC	14	Vaccinium corymbosum	Highbush Blueberry	3 - 4' HT.	48" o.c.	FACW

PERENNIALS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
OC	44	Osmunda cinnamomea	Cinnamon Fern	#1 CONT.	24" o.c.	FACW

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



NOTES:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).

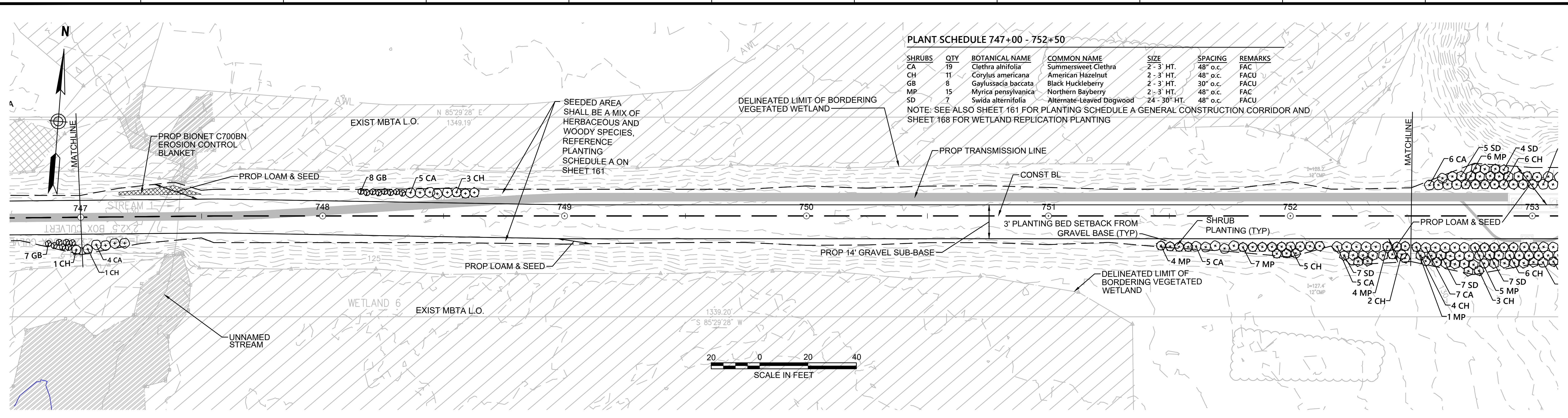


N.O.	DESCRIPTION	BY	DATE	APPR.
REVISION				
EVERSOURCE				
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT				
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS				
LANDSCAPE PLANS				
PLAN 120 OF 349				
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG
DRAWING NO.	REV.			

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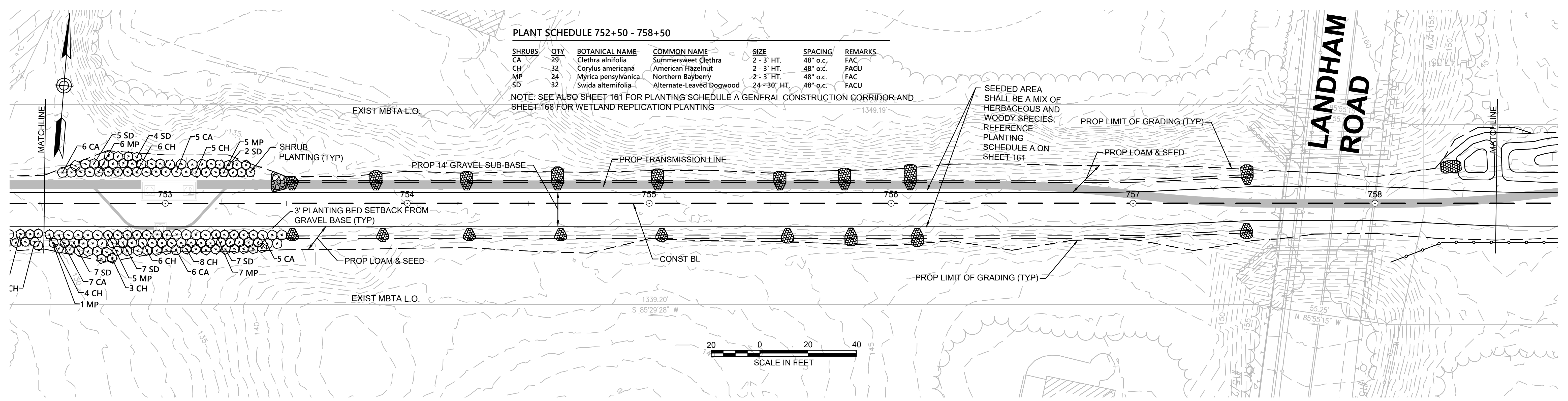
PLANT SCHEDULE 747+00 - 752+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	19	<i>Clethra alnifolia</i>	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	11	<i>Corylus americana</i>	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
GB	8	<i>Gaylussacia baccata</i>	Black Huckleberry	2 - 3' HT.	30" o.c.	FACU
MP	15	<i>Myrica pensylvanica</i>	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	7	<i>Swida alternifolia</i>	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

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CONT. ON SHEET 122



PLANT SCHEDULE 752+50 - 758+50

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	29	<i>Clethra alnifolia</i>	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	32	<i>Corylus americana</i>	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	24	<i>Myrica pensylvanica</i>	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	32	<i>Swida alternifolia</i>	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING

NOTES:
 1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).



N.O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
 HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
 LANDSCAPE PLANS

PLAN 121 OF 349

SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO.	REV.
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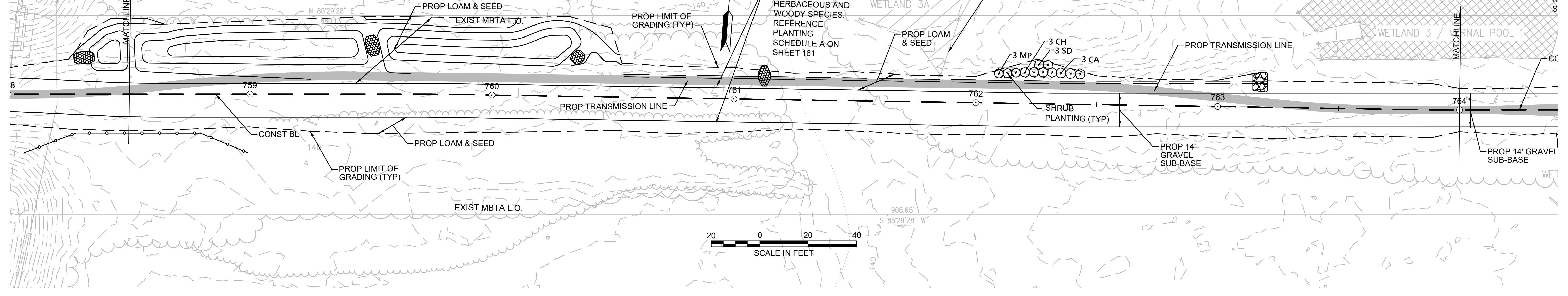
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PLANT SCHEDULE 758+50 - 764+00

SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	3	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	3	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	3	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	3	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

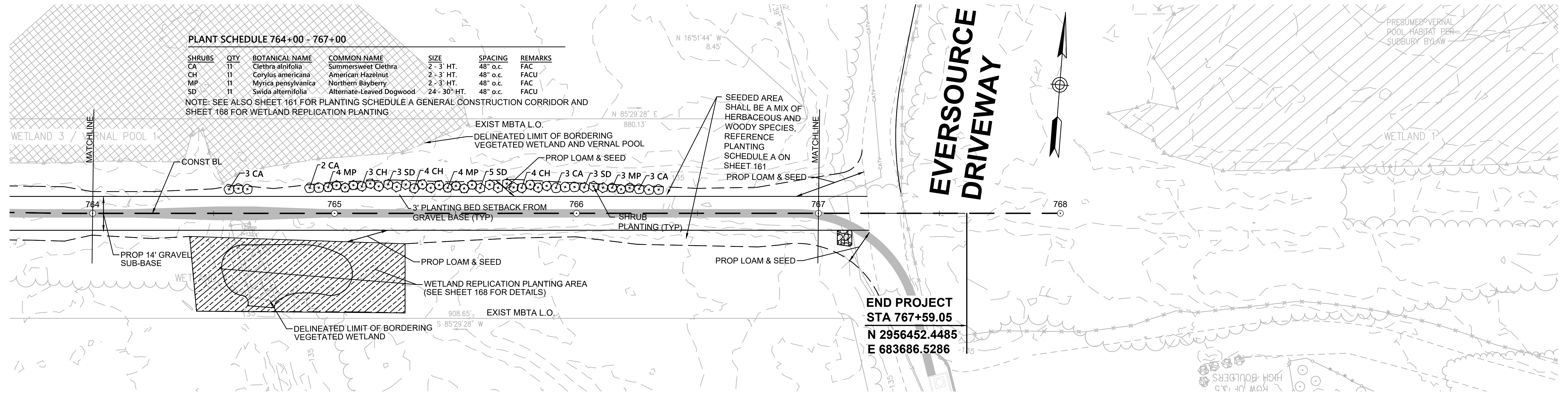
NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



PLANT SCHEDULE 764+00 - 767+00

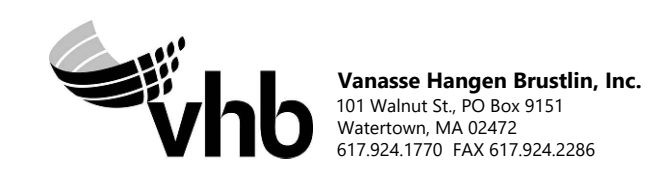
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING	REMARKS
CA	11	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c.	FAC
CH	11	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c.	FACU
MP	11	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c.	FAC
SD	11	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c.	FACU

NOTE: SEE ALSO SHEET 161 FOR PLANTING SCHEDULE A GENERAL CONSTRUCTION CORRIDOR AND SHEET 168 FOR WETLAND REPLICATION PLANTING



**END PROJECT
STA 767+59.05
N 2956452.4485
E 683686.5286**

NOTE:
1. WETLAND RESOURCE AREA BOUNDARIES SHOWN HEREIN WERE APPROVED IN AN ORAD DATED AUGUST 27, 2018 (MADEP FILE NO. 301-1227).

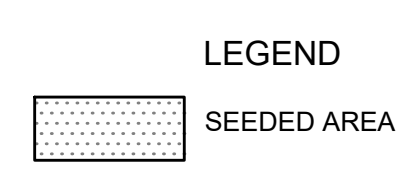
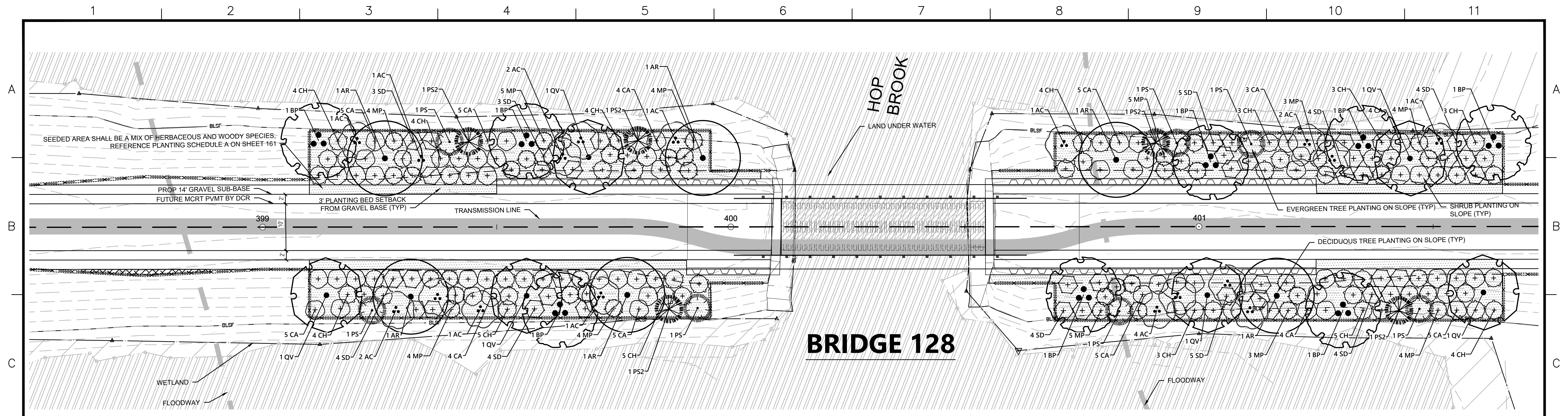


NO.		DESCRIPTION	BY	DATE	APPR.
REVISION					
EVERSOURCE					
SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT					
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS					
LANDSCAPE PLANS					
PLAN 122 OF 349					
SCALE: unless noted 1"=20'	DATE DEC 2021	DRAWN CW	CHK'D. JG	APPR. JG	DRAWING NO. REV.

1 2 3 4 5 6 7 8 9 10 11

CONT. ABOVE

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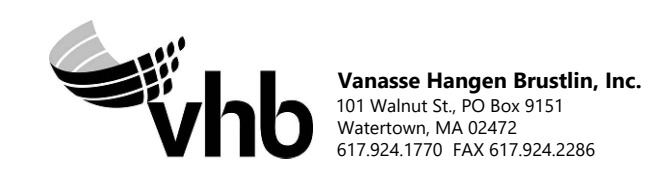


PLANT SCHEDULE WEST SIDE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
AR	4	Acer rubrum	Red Maple	1 1/2" CAL	FAC
AC	9	Amelanchier canadensis	Serviceberry	10 - 12' HT./Multi-Stem	FAC
BP	3	Betula populifolia	Gray Birch	10 - 12' HT./Multi-Stem	FAC
QV	3	Quercus velutina	Black Oak	1 1/2" CAL	UPL
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
PS	3	Pinus strobus	White Pine	6 - 8' HT.	FACU
PS2	3	Pinus strobus	White Pine	8 - 10' HT.	FACU
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
CA	28	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c. FAC
CH	26	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c. FACU
MP	21	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c. FAC
SD	14	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c. FACU

PLANT SCHEDULE EAST SIDE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
AR	2	Acer rubrum	Red Maple	1 1/2" CAL	FAC
AC	8	Amelanchier canadensis	Serviceberry	10 - 12' HT./Multi-Stem	FAC
BP	5	Betula populifolia	Gray Birch	10 - 12' HT./Multi-Stem	FAC
QV	3	Quercus velutina	Black Oak	1 1/2" CAL	UPL
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
PS	4	Pinus strobus	White Pine	6 - 8' HT.	FACU
PS2	2	Pinus strobus	White Pine	8 - 10' HT.	FACU
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
CA	26	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c. FAC
CH	25	Corylus americana	American Hazelnut	2 - 3' HT.	48" o.c. FACU
MP	24	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c. FAC
SD	26	Swida alternifolia	Alternate-Leaved Dogwood	24 - 30" HT.	48" o.c. FACU



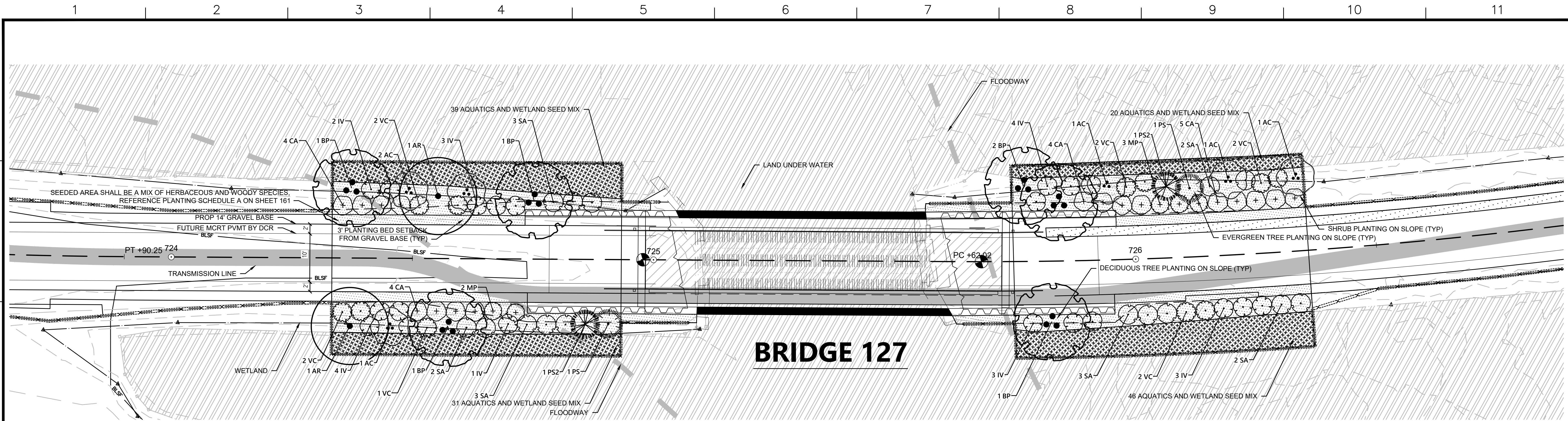
N. O.	DESCRIPTION	BY	DATE	APPR.
	REVISION			

EVERSOURCE

SUDBURY-HUDSON TRANSMISSION RELIABILITY PROJECT
HUDSON, STOW, MARLBOROUGH & SUDBURY MASSACHUSETTS
LANDSCAPE PLANS

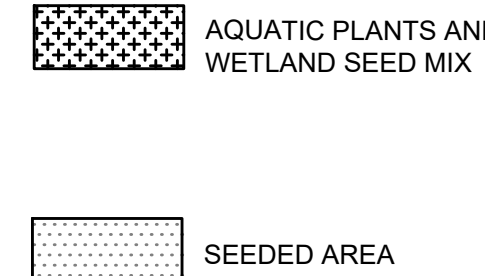
PLANT 24 OF 349

SCALE: unless noted 1"=10'	DATE DEC 2021	DRAWN MS	CHK'D. SK	APPR. MES	DRAWING NO.	REV.
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BRIDGE 127

LEGEND



PLANT SCHEDULE WEST SIDE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
AR	2	Acer rubrum	Red Maple	1 1/2" CAL	FAC
AC	3	Amelanchier canadensis	Serviceberry	10 - 12' HT./Multi-Stem	FAC
BP	3	Betula populifolia	Gray Birch	10 - 12' HT./Multi-Stem	FAC
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
PS	1	Pinus strobus	White Pine	6 - 8' HT.	FACU
PS2	1	Pinus strobus	White Pine	8 - 10' HT.	FACU
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
CA	8	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c. FAC
IV	10	Ilex verticillata	Winterberry	3 - 4' HT.	48" o.c. FACW
MP	2	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c. FAC
SA	8	Swida amomum	Silky Dogwood	3 - 4' HT.	48" o.c. FACW
VC	5	Vaccinium corymbosum	Highbush Blueberry	3 - 4' HT.	48" o.c. FACW
AQUATICS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
	18	Alisma plantago-aquatica	Northern Water-Plantain	2" plug	36" o.c. OBL
	18	Peltandra virginica	Green Arrow-Arum	2" plug	36" o.c. OBL
	17	Pontederia cordata	Pickernelweed	2" plug	36" o.c. OBL
	17	Sagittaria latifolia	Common Arrowhead	2" plug	36" o.c. OBL

PLANT SCHEDULE EAST SIDE

DECIDUOUS TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
AC	3	Amelanchier canadensis	Serviceberry	10 - 12' HT./Multi-Stem	FAC
BP	3	Betula populifolia	Gray Birch	10 - 12' HT./Multi-Stem	FAC
EVERGREEN TREES	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
PS	1	Pinus strobus	White Pine	6 - 8' HT.	FACU
PS2	1	Pinus strobus	White Pine	8 - 10' HT.	FACU
SHRUBS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	SPACING
CA	9	Clethra alnifolia	Summersweet Clethra	2 - 3' HT.	48" o.c. FAC
IV	10	Ilex verticillata	Winterberry	3 - 4' HT.	48" o.c. FACW
MP	3	Myrica pensylvanica	Northern Bayberry	2 - 3' HT.	48" o.c. FAC
SA	7	Swida amomum	Silky Dogwood	3 - 4' HT.	48" o.c. FACW
VC	6	Vaccinium corymbosum	Highbush Blueberry	3 - 4' HT.	48" o.c. FACW
AQUATICS	QTY	BOTANICAL NAME	COMMON NAME	SIZE	WETLAND STATUS
	17	Alisma plantago-aquatica	Northern Water-Plantain	2" plug	36" o.c. OBL
	17	Peltandra virginica	Green Arrow-Arum	2" plug	36" o.c. OBL
	16	Pontederia cordata	Pickernelweed	2" plug	36" o.c. OBL
	16	Sagittaria latifolia	Common Arrowhead	2" plug	36" o.c. OBL

WETLAND SEED MIX

WETLAND SEED MIX SHALL BE APPLIED AT A DENSITY OF 18LB./AC.

"Wetland seed mix "New England Wetmix" from New England Wetland Plants, Inc. or similar. Typical species: fox sedge (Carex vulpinoidea), sallow sedge (Carex lurida), broom sedge (Carex scoparia), sensitive fern (Onoclea sensibilis), blue vervain (Verbena hastata), hop sedge (Carex lupulina), dark-green bulrush (Scirpus atrovirens), nodding bur-marigold (Bidens cernua), bristly sedge (Carex comosa), fringed sedge (Carex crinita), tall managrass (Glyceria grandis), wool-grass (Scirpus cyperinus), soft rush (Juncus effusus), spotted Joe-Pye-weed (Eutrochium maculatum), boneset (Eupatorium perfoliatum), American water-plantain (Alisma subcordatum), New England aster (Symphyotrichum novae-angliae), rattlesnake managrass (Glyceria canadensis), purple-stem aster (Symphyotrichum puniceum), soft-stemmed bulrush (Schoenoplectus tabernaemontani), blueflag (Iris versicolor), swamp milkweed (Asclepias incarnata), and Allegheny monkey-flower (Mimulus ringens).

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LANDSCAPE PLANS						
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	DEC 2021	MS	SK	MES		

