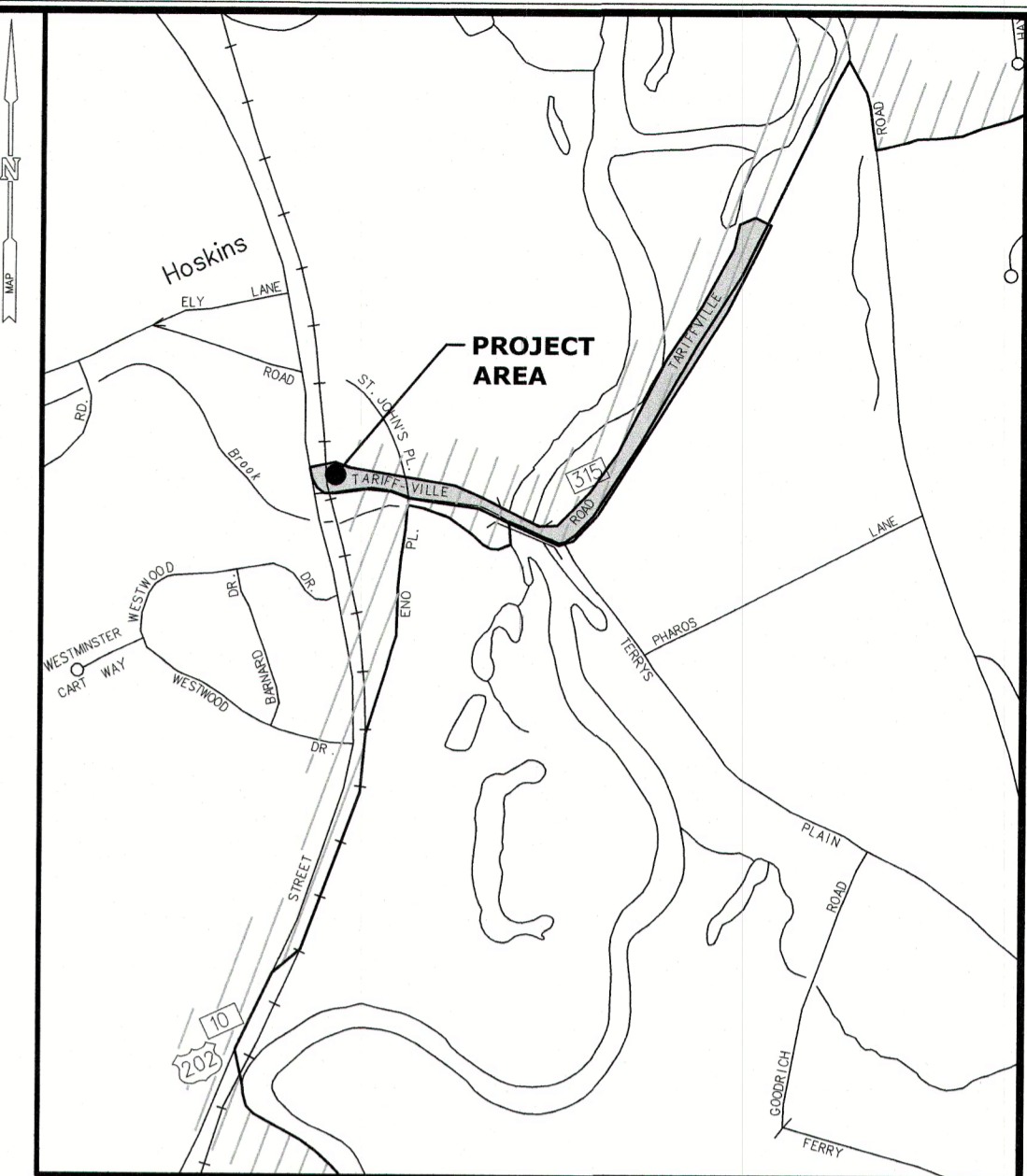


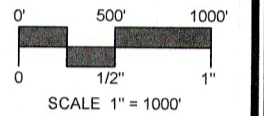
TARIFFVILLE CONNECTION, MULTI-USE TRAIL FROM HOPMEADOW ST. (RT.10 & 202) TO CURTISS AND PATTISON PARKS

TARIFFVILLE ROAD (CT ROUTE 315)
SIMSBURY, CONNECTICUT

REGULATORY PERMIT DRAWINGS
MAY 2022



LOCATION MAP:



CT DOT - 818 CONSTRUCTION NOTES

- REMOVAL OF PAVEMENT MARKINGS ALONG STATE ROADWAYS SHALL BE COMPLETED BY A NON-DESTRUCTIVE METHOD IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD FOR ROAD, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 818 SECTION 12.11 AS REVISED.
- NEW PAVEMENTS MARKINGS SHALL BE PAINTED WITH EPOXY RESIN PAINT IN COMPLIANCE WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 818 SECTION 12.10 AS REVISED.
- NEW SIGN MATERIAL AND SHEETING SHALL BE MADE OF REFLECTIVE MATERIAL IN COMPLIANCE WITH STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, AND INCIDENTAL CONSTRUCTION FORM 818 SECTION 12.08 AS REVISED. TYPE 1 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH WHITE BACKGROUND, TYPE 3 REFLECTIVE SHEETING SHALL BE USED FOR SIGNS WITH COLORED BACKGROUND EXCEPT FOR SIGNS WITH RED BACKGROUND THAT SHALL BE TYPE 8 OR 9 REFLECTIVE SHEETING.
- ALL SIGNS AND PAVEMENT MARKINGS INSTALLED ALONG THE STATE ROAD MUST CONFORM TO THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES," THE LATEST STATE OF CONNECTICUT CATALOG OF SIGNS AND STANDARD AS REVISED.
- ANY DAMAGE TO THE EXISTING CURB, SIDEWALK OR ANY OTHER HIGHWAY APPURTENANCES DURING THE DEVELOPMENT OF THE PERMITTED SITE WILL BE REPLACED BY THE CONTRACTOR AS DIRECTED BY THE DISTRICT PERMIT SECTION AT NO COST TO THE STATE.
- ALL WORK WITHIN THE STATE RIGHT OF WAY WILL COMPLY WITH THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES AND INCIDENTAL CONSTRUCTION FORM 818 WITH THE LATEST SPECIAL PROVISIONS AND TYPICAL STATE STANDARD DETAILS.

FLOOD CONTINGENCY PLAN

THIS FLOOD CONTINGENCY PLAN IS INTENDED TO ADDRESS RESPONSE PROCEDURES FOR FLOOD EVENTS OCCURRING DURING CONSTRUCTION. THIS PLAN WILL BE INCLUDED IN THE CONTRACT DOCUMENTS, AND THE CONTRACTOR IS RESPONSIBLE FOR REVIEWING THE PLAN TO ENSURE COMPLIANCE WITH ALL REQUIREMENTS SPECIFIED THEREIN.

EMERGENCY CONTACT INFORMATION - THE FOLLOWING IS A PARTIAL LIST OF EMERGENCY TELEPHONE NUMBERS:

EMERGENCY: 9-1-1
NATIONAL WEATHER SERVICE (NORTON, MASS): (508) 622-3250
SIMSBURY ENGINEERING DEPARTMENT: (860) 658-3260
SIMSBURY FIRE DEPARTMENT: (860) 658-1973
SIMSBURY POLICE DEPARTMENT: (860) 658-3100

THE PROJECT SITE IS SUBJECT TO FLOODING. THE CONTRACTOR SHALL MONITOR WEATHER REPORTS AND BE PREPARED TO STOP WORK AND STABILIZE THE SITE IF MORE THAN 1 INCH OF RAINFALL IS PREDICTED BY THE NATIONAL WEATHER SERVICE (NWS) WITH A 70 PERCENT OR GREATER CHANCE OF PRECIPITATION WITHIN 72 HOURS. WORK SHALL BE HALTED UNTIL PRECIPITATION STOPS AND CHANCES OF FURTHER RAINFALL FALL BELOW 50 PERCENT.

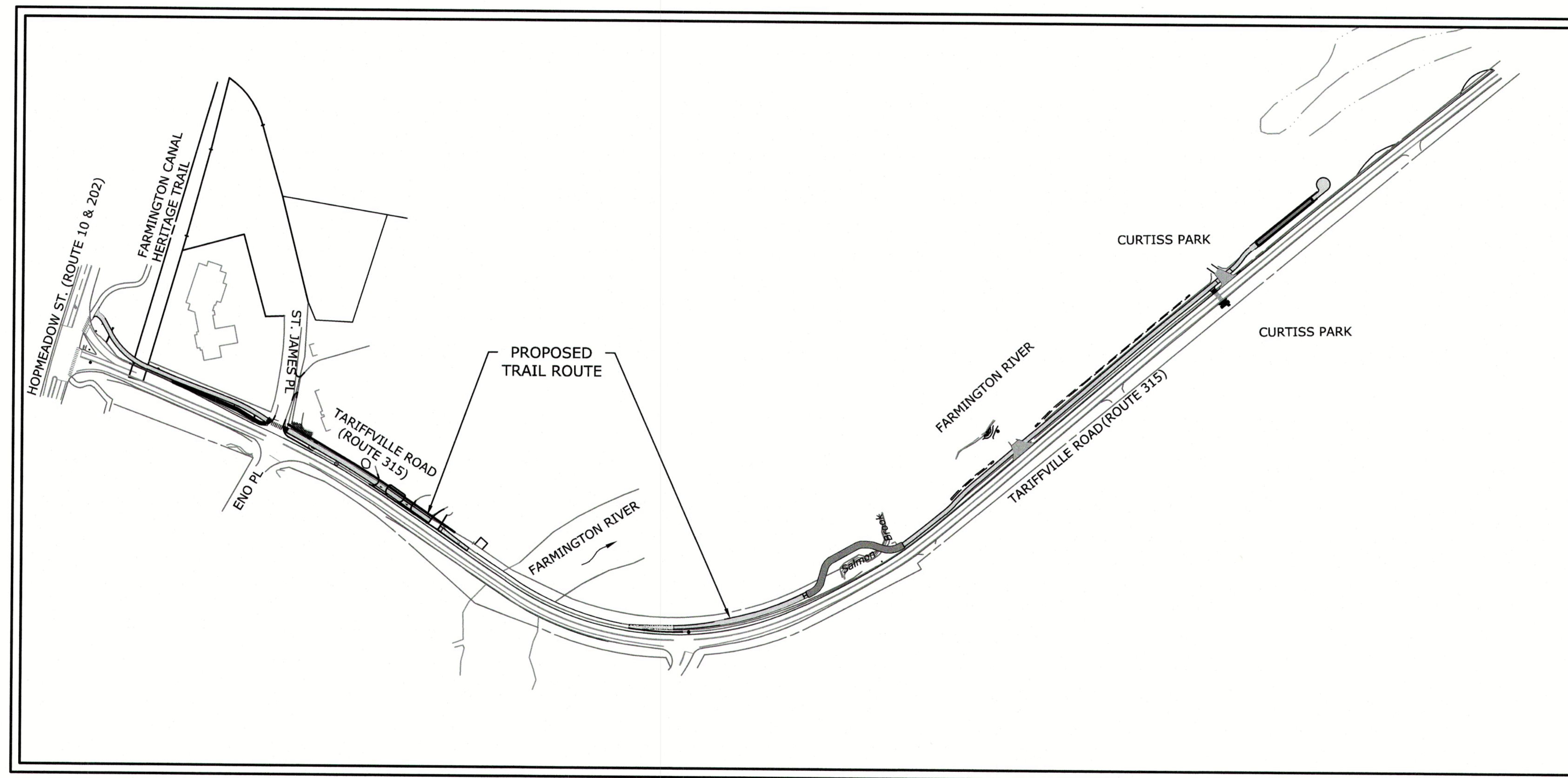
A QUALIFIED INSPECTOR WILL OVERSEE THE CONSTRUCTION ACTIVITIES AND WILL BE RESPONSIBLE TO NOTIFY THE CONTRACTOR TO EXECUTE THE EMERGENCY MEASURES OUTLINED. THE INSPECTOR WILL DECLARE "EMERGENCY CONDITIONS" UNDER THE FOLLOWING CIRCUMSTANCES:

- THE NWS PREDICTS A HURRICANE OR OTHER SEVERE STORM EVENT SUCH AS RAINFALL IN EXCESS OF 3 INCHES PER 24-HOUR PERIOD.
- THE NWS ISSUES A "FLOOD WATCH" FOR HARTFORD COUNTY.

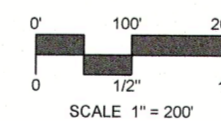
IMMEDIATELY FOLLOWING DECLARATION OF EMERGENCY CONDITIONS, THE INSPECTOR WILL NOTIFY THE CONTRACTOR, AND THE CONTRACTOR SHALL REMOVE ALL CONSTRUCTION EQUIPMENT, MATERIALS, AND ANY FUEL OIL, GASOLINE, OR OTHER HAZARDOUS MATERIAL BEING TEMPORARILY STORED IN THE WORK AREA TO AN EQUIPMENT STAGING AREA LOCATED OUTSIDE THE BOUNDARY OF THE 1-PERCENT ANNUAL-CHANCE FLOOD. EVERY EFFORT WILL BE MADE TO RELOCATE ALL EQUIPMENT AND MATERIALS FROM THE FLOODPLAIN. FUEL OIL, GASOLINE, OR OTHER HAZARDOUS MATERIALS ARE NOT TO BE STORED WITHIN THE 1-PERCENT ANNUAL-CHANCE FLOODPLAIN OR WITHIN 100 FEET OF A WETLAND OR WATERCOURSE AT ANY TIME REGARDLESS OF WEATHER CONDITIONS.

DISTURBED AREAS WILL BE STABILIZED AS NECESSARY TO RESIST EROSION DURING FLOOD FLOWS. CONSTRUCTION ACTIVITIES WILL RESUME ONLY WHEN WATER SURFACE ELEVATIONS RECEDE TO A LEVEL THAT ALLOWS SAFE ACCESS FOR THE CONTRACTOR TO RESTORE REQUIRED SEDIMENT AND EROSION CONTROLS.

AT THE CONCLUSION OF THE PROJECT, LONG TERM TRAIL MAINTENANCE WILL BE THE RESPONSIBILITY OF THE TOWN OF SIMSBURY. SIGNS INDICATING THAT THE TRAIL IS SUBJECT TO FLOODING WILL BE POSTED ALONG THE TRAIL. THE TRAIL WILL BE CLOSED BY THE TOWN DURING FLOOD EVENTS.



PROJECT SITE VICINITY MAP:



LIST OF DRAWINGS

NO.	NAME	TITLE
01	--	TITLE SHEET
02	IN	INDEX PLAN, NOTES AND TYPICAL SECTIONS
03	SD-1	MISCELLANEOUS DETAILS
04	SE-1	SEDIMENT & EROSION CONTROL DETAILS
05-07	BO-1 - BO-3	BORING LOGS
08-10	EX-1 - EX-3	EXISTING CONDITIONS & BASELINE LAYOUT PLAN
11-13	LA-1 - LA-3	LAYOUT PLAN
14	TCS-1	TRAFFIC CONTROL SIGNAL PLAN
15-19		F.A. HESKETH & ASSOCIATES, INC. ROADWAY PLANS
20-23	PRO-1 - PRO-4	TRAIL - PROFILE
24-26	RI-01A - RI-03A	REGULATORY IMPACT PLAN (STATE AND FEDERAL IMPACTS)
27-29	RI-01B - RI-03B	REGULATORY IMPACT PLAN (FLOODWAY AND FLOOD PLAIN IMPACTS)
30-31	STR-1 - STR-2	STRUCTURAL PLAN AND PROFILE
32-33	STRD-1 - STRD-2	STRUCTURAL DETAILS
34-45	XSC-1 - XSC-12	CROSS SECTIONS HIGHWAY STANDARDS TRAFFIC STANDARDS

APPROVED BY:

ERIC WELLMAN
FIRST SELECTMAN
TOWN OF SIMSBURY

DATE:

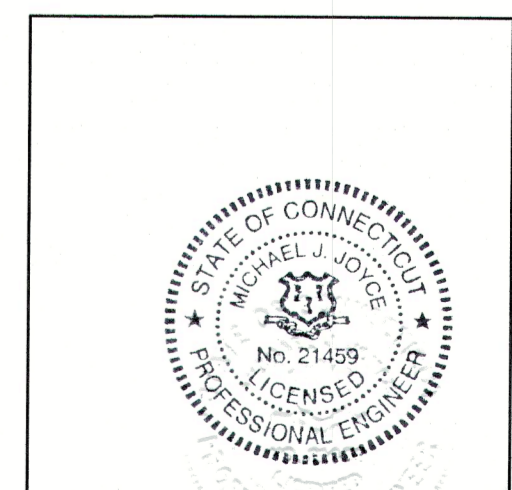
DESIGNED BY:

SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

MICHAEL J. JOYCE, P.E.
CONN. PROFESSIONAL REG. NO. 21459

DATE: 5/31/22



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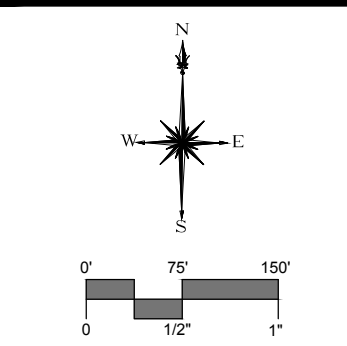
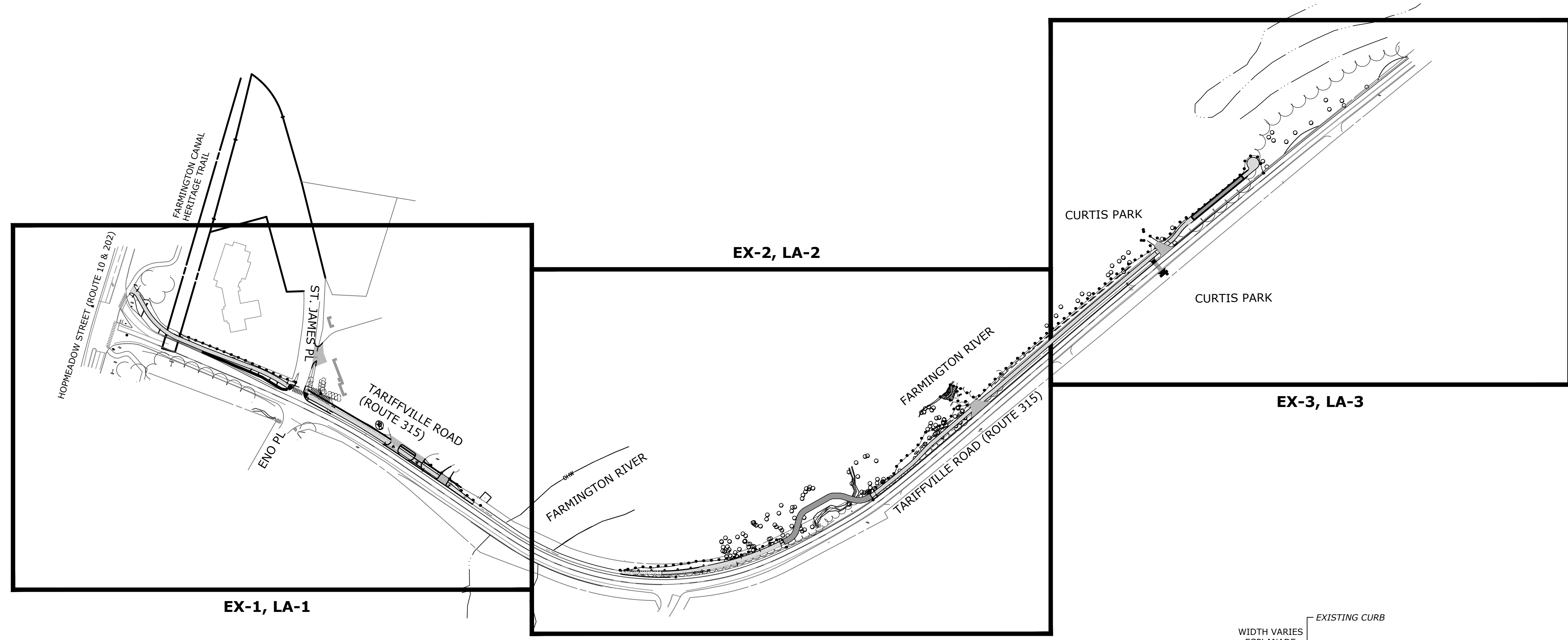
PREPARED BY:

SLR

99 REALTY DRIVE
CHESHIRE, CT 06410
203.271.1773
SLRCONSULTING.COM

PREPARED FOR:

TOWN OF SIMSBURY
933 HOPMEADOW STREET
SIMSBURY, CONNECTICUT 06070



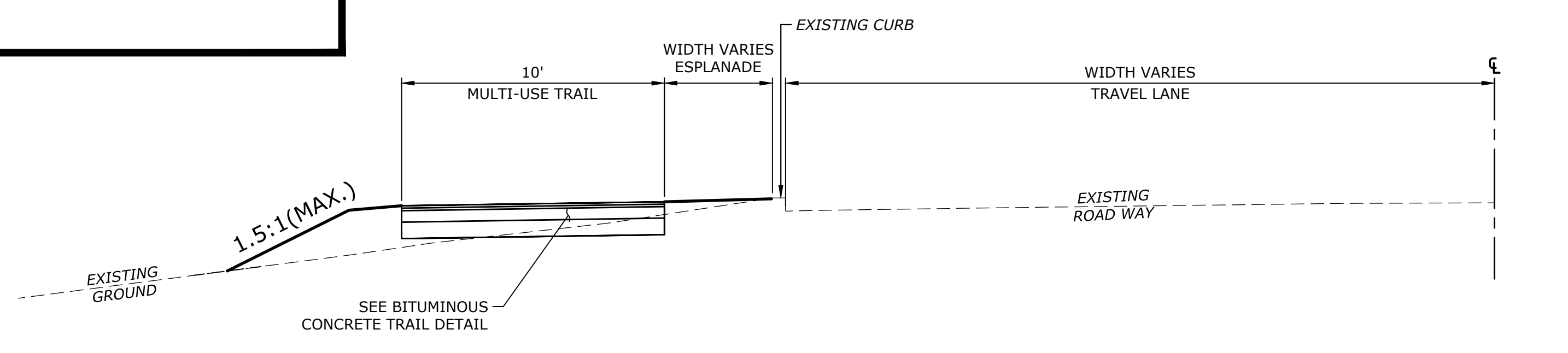
DESCRIPTION	DATE	BY

GENERAL NOTES

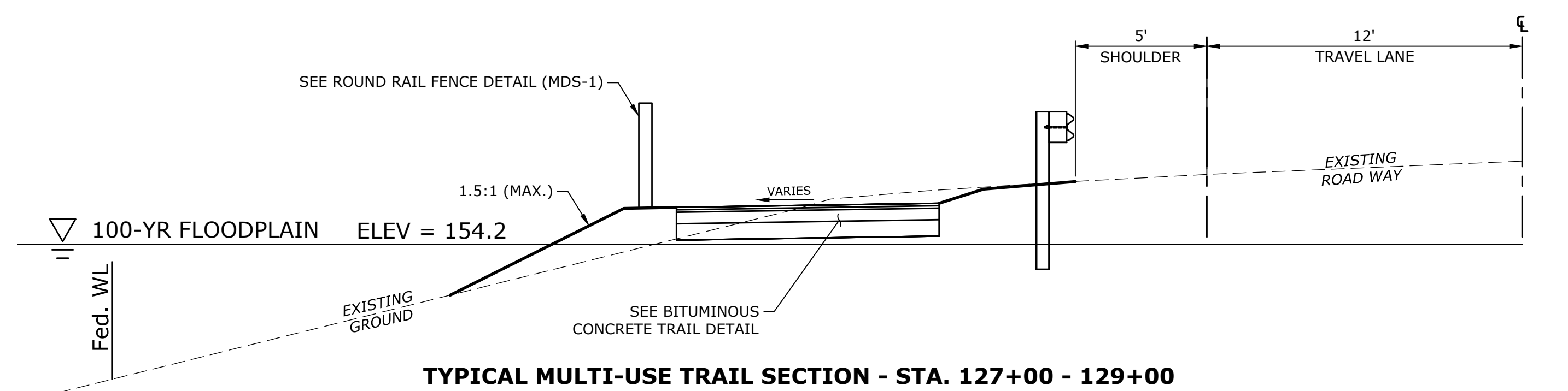
- BOUNDARY INFORMATION IS BASED UPON FIELD SURVEY CONDUCTED BY: MILONE & MABROOM, INC., TAKEN FROM A MAP ENTITLED "SURVEY WORKSHEET, TARIFFVILLE ROAD (ROUTE 315), SIMSBURY, CONNECTICUT" AT A SCALE OF 1"=40', DATED: JUNE 15, 2018.
- NORTH ARROW IS BASED UPON CONNECTICUT COORDINATE SYSTEM NAD 1983.
- ELEVATIONS, CONTOURS, AND BENCHMARK ARE BASED UPON NGVD 1988.
- INFORMATION REGARDING THE LOCATION OF EXISTING UTILITIES HAS BEEN BASED UPON AVAILABLE INFORMATION AND MAY BE INCOMPLETE, AND WHERE SHOWN SHOULD BE CONSIDERED APPROXIMATE. THE LOCATION OF ALL EXISTING UTILITIES SHOULD BE CONFIRMED PRIOR TO BEGINNING CONSTRUCTION. CALL "CALL BEFORE YOU DIG", 1-800-922-4455. ALL UTILITY LOCATIONS THAT DO NOT MATCH THE VERTICAL OR HORIZONTAL CONTROL SHOWN ON THE PLANS SHALL IMMEDIATELY BE BROUGHT TO THE ATTENTION OF THE ENGINEER FOR RESOLUTION.
- MILONE & MACBROOM INC. ACCEPTS NO RESPONSIBILITY FOR THE ACCURACY OF MAPS AND DATA WHICH HAVE BEEN SUPPLIED BY OTHERS.
- INLAND WETLAND BOUNDARY WAS FLAGGED AND FIELD LOCATED BY: MILONE & MACBROOM ON JUNE 18, 2018
- ALL DIMENSIONS AND ELEVATIONS SHALL BE VERIFIED IN THE FIELD PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- SEDIMENT AND EROSION CONTROL MEASURES AS DEPICTED ON THESE PLANS AND DESCRIBED WITHIN THE SEDIMENT AND EROSION CONTROL NARRATIVE SHALL BE IMPLEMENTED AND MAINTAINED UNTIL PERMANENT COVER AND STABILIZATION IS ESTABLISHED. ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL CONFORM TO THE "GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, CONNECTICUT - 2002, AND IN ALL CASES BEST MANAGEMENT PRACTICES SHALL PREVAIL.
- ALL DISTURBED AREAS SHALL RECEIVE A MINIMUM OF 4" TOPSOIL, AND BE SEEDED WITH GRASS OR SODDED, OR AS SHOWN ON THE PLANS.
- ALL PROPOSED CONTOURS AND SPOT ELEVATIONS INDICATE FINISHED GRADE.
- ALL CONSTRUCTION MATERIALS AND METHODS SHALL CONFORM TO THE TOWN OF SIMSBURY REQUIREMENTS AND TO THE APPLICABLE SECTIONS OF THE STATE OF CONNECTICUT DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES, AND INCIDENTAL CONSTRUCTION, FORM 818 & RELATED SUPPLEMENTS.
- THE PLANS REQUIRE A CONTRACTOR'S WORKING KNOWLEDGE OF LOCAL, MUNICIPAL, WATER AUTHORITY, AND STATE CODES FOR UTILITY SYSTEMS. ANY CONFLICTS BETWEEN MATERIALS AND LOCATIONS SHOWN, AND LOCAL REQUIREMENTS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO THE EXECUTION OF WORK. THE ENGINEER WILL NOT BE HELD LIABLE FOR COSTS INCURRED TO IMPLEMENT OR CORRECT WORK WHICH DOES NOT CONFORM TO LOCAL CODE.
- ALL FUEL, OIL, PAINT, OR OTHER HAZARDOUS MATERIALS SHOULD BE STORED IN A SECONDARY CONTAINER AND REMOVED TO A LOCKED INDOOR AREA WITH AN IMPERVIOUS FLOOR DURING NON-WORK HOURS.
- COMPLIANCE WITH THE PERMIT CONDITIONS IS THE RESPONSIBILITY OF BOTH THE CONTRACTOR AND THE PERMITTEE.
- PERIMETER SWALES AND RESPECTIVE SILTATION BASINS SHALL BE COMPLETED AND RESTORED PRIOR TO PROCEEDING WITH OTHER SITE CONSTRUCTION.ONST
- THE PROPERTY OWNER MUST MAINTAIN (REPAIR/REPLACE WHEN NECESSARY) THE SILTATION CONTROL UNTIL ALL DEVELOPMENT ACTIVITY IS COMPLETED AND ALL DISTURBED AREAS ARE PERMANENTLY STABILIZED.

NATURAL DIVERSITY DATA BASE LISTED SPECIES MANAGEMENT NOTES

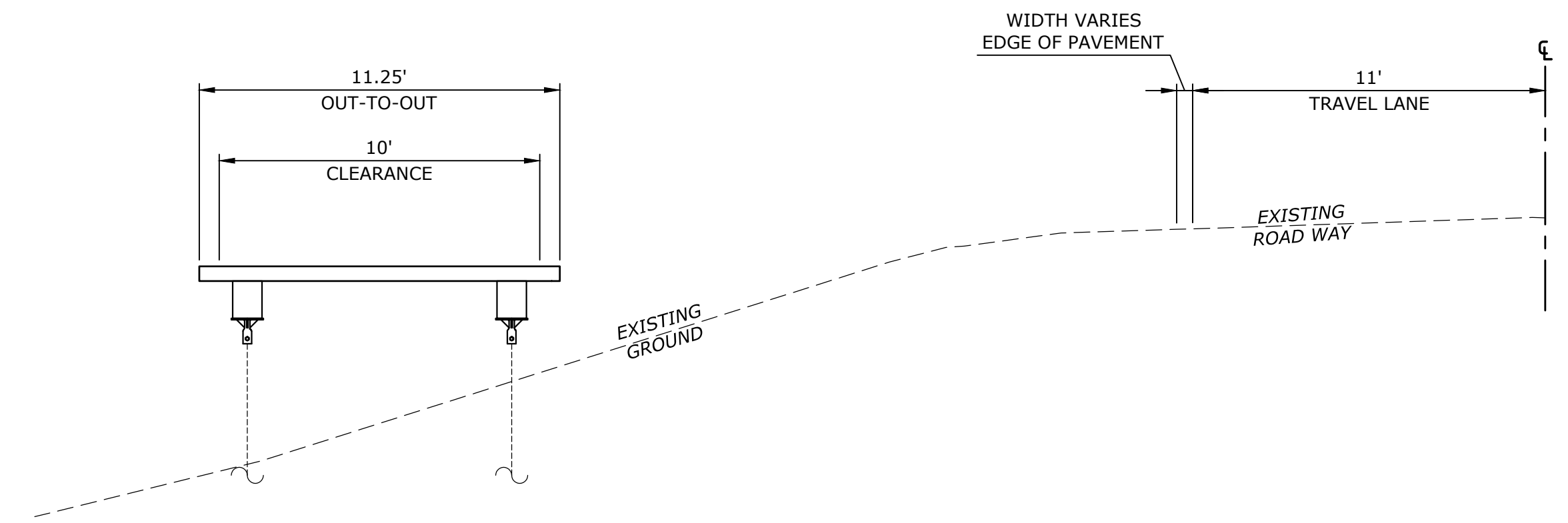
- HIRING A QUALIFIED HERPETOLOGIST TO BE ON SITE TO ENSURE THESE PROTECTION GUIDELINES REMAIN IN EFFECT AND TO PREVENT REPTILES AND AMPHIBIANS FROM BEING RUN OVER WHEN MOVING HEAVY EQUIPMENT. THIS IS ESPECIALLY IMPORTANT IN THE MONTH OF JUNE WHEN TURTLES ARE SELECTING NESTING SITES.
- EXCLUSIONARY PRACTICES WILL BE REQUIRED TO PREVENT ANY REPTILES OR AMPHIBIANS ACCESS INTO CONSTRUCTION AREAS. THESE MEASURES WILL NEED TO BE INSTALLED AT THE LIMITS OF DISTURBANCE.
- EXCLUSIONARY FENCING MUST BE AT LEAST 20 IN TALL AND MUST BE SECURED TO AND REMAIN IN CONTACT WITH THE GROUND AND BE REGULARLY MAINTAINED (AT LEAST BI-WEEKLY AND AFTER MAJOR WEATHER EVENTS) TO SECURE ANY GAPS OR OPENINGS AT GROUND LEVEL THAT MAY LET ANIMAL PASS THROUGH. DO NOT USE PLASTIC OR NETTED SILT-FENCE.
- ALL STAGING AND STORAGE AREAS, OUTSIDE OF PREVIOUSLY PAVED LOCATIONS, REGARDLESS OF THE DURATION OF TIME THEY WILL BE UTILIZED, MUST BE REVIEWED TO REMOVE INDIVIDUALS AND EXCLUDE THEM FROM RE-ENTRY.
- ALL CONSTRUCTION PERSONNEL WORKING WITHIN THE REPTILE AND AMPHIBIAN HABITAT MUST BE APPRISED OF THE SPECIES DESCRIPTION AND THE POSSIBLE PRESENCE OF A LISTED SPECIES, AND INSTRUCTED TO RELOCATE REPTILES AND AMPHIBIANS FOUND INSIDE WORK AREAS OR NOTIFY THE APPROPRIATE AUTHORITIES TO RELOCATE INDIVIDUALS.
- ANY REPTILES AND AMPHIBIANS ENCOUNTERED WITHIN THE IMMEDIATE WORK AREA SHALL BE CAREFULLY MOVED TO AN ADJACENT AREA OUTSIDE OF THE EXCLUDED AREA AND FENCING SHOULD BE INSPECTED TO IDENTIFY AND REMOVE ACCESS POINT.
- IN AREAS WHERE SILT FENCE IS USED FOR EXCLUSION, IT SHALL BE REMOVED AS SOON AS THE AREA IS STABLE TO ALLOW FOR REPTILE AND AMPHIBIAN PASSAGE TO RESUME.
- NO HEAVY MACHINERY OR VEHICLES MAY BE PARKED IN ANY REPTILE OR AMPHIBIAN HABITAT.
- SPECIAL PRECAUTIONS MUST BE TAKEN TO AVOID DEGRADATION OF WETLAND HABITATS INCLUDING ANY WET MEADOWS AND SEASONAL POOLS.
- THE CONTRACTOR AND CONSULTING HERPETOLOGIST MUST SEARCH THE WORK AREA EACH MORNING PRIOR TO ANY WORK BEING DONE.
- WHEN FELLING TREES ADJACENT TO BROOKS AND STREAMS PLEASE CUT THEM TO FALL AWAY FROM THE WATERWAY AND DO NOT DRAG TREES ACROSS THE WATERWAY OR REMOVE STUMPS FROM BANKS.
- AVOID AND LIMIT ANY EQUIPMENT USE WITHIN 50 FEET OF STREAMS AND BROOKS.
- ANY CONFIRMED SIGHTINGS OF NORTHERN LEOPARD FROG, EASTERN HOGNOSE SNAKE, BLUE SPOTTED SALAMANDER, BOX, WOOD OR SPOTTED TURTLES SHOULD BE REPORTED AND DOCUMENTED WITH THE NDDB (NDDBREQUEST@CT.GOV) ON THE APPROPRIATE SPECIAL ANIMAL FORM FOUND AT ([HTTP://WWW.CT.GOV/DEEP/CWP/VIEW.ASP?A=2702&Q=323460&DEPNAV_GID=1641](http://www.ct.gov/deep/cwp/view.asp?a=2702&q=323460&DEPNAV_GID=1641))



TYPICAL MULTI-USE TRAIL SECTION



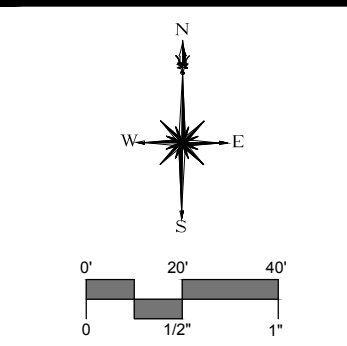
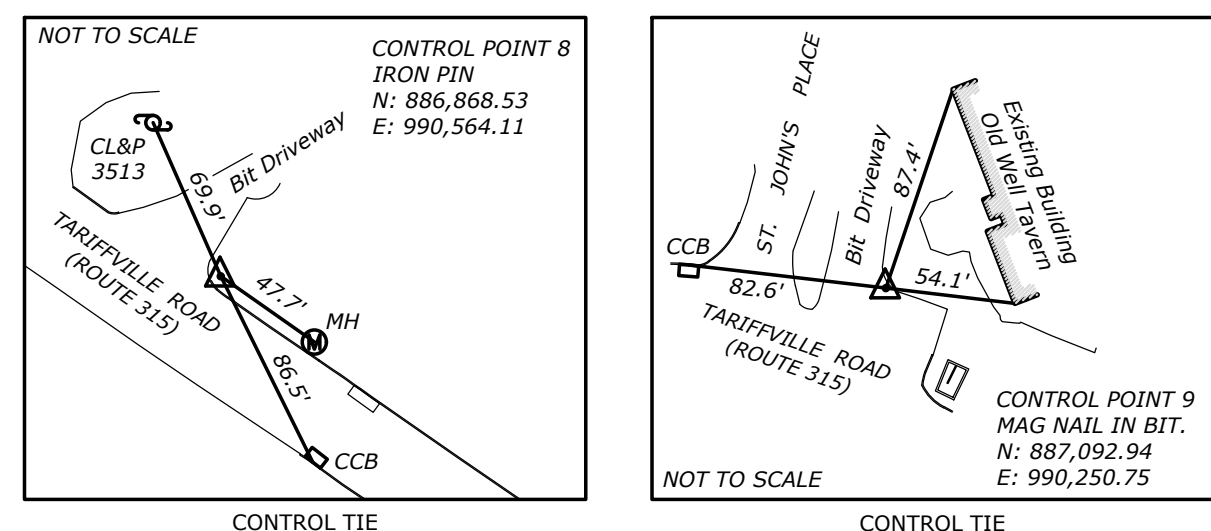
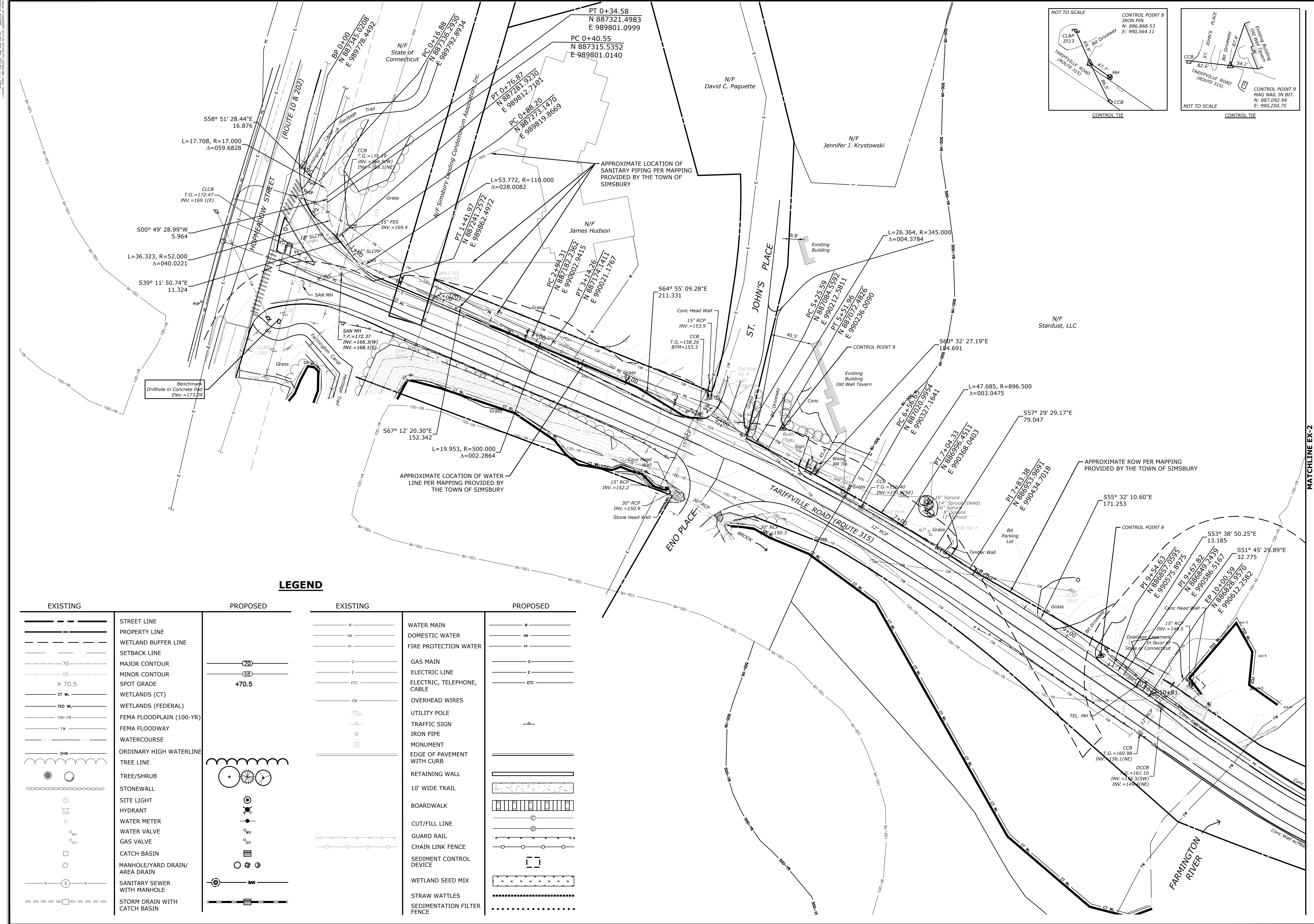
TYPICAL MULTI-USE TRAIL SECTION - STA. 127+00 - 129+00



TYPICAL BOARDWALK SECTION

INDEX PLAN, NOTES AND TYPICAL SECTIONS
 TARIFFVILLE CONNECTION, MULTI-USE TRAIL
 FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTISON PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

DP	SG	MJJ
DESIGNED	DRAWN	CHECKED
SCALE 1"=150'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. IN		



SLR
 99 REALTY DRIVE
 SUITE 100
 SIMSBURY, CT 06061
 TEL: 860.271.1772
 WWW.SLRCONSULTING.COM

DESCRIPTION	DATE	BY

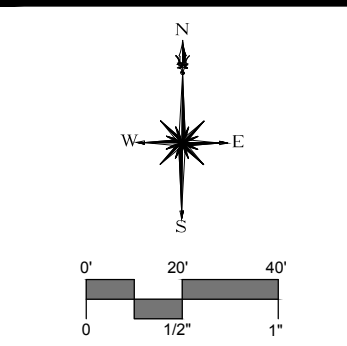
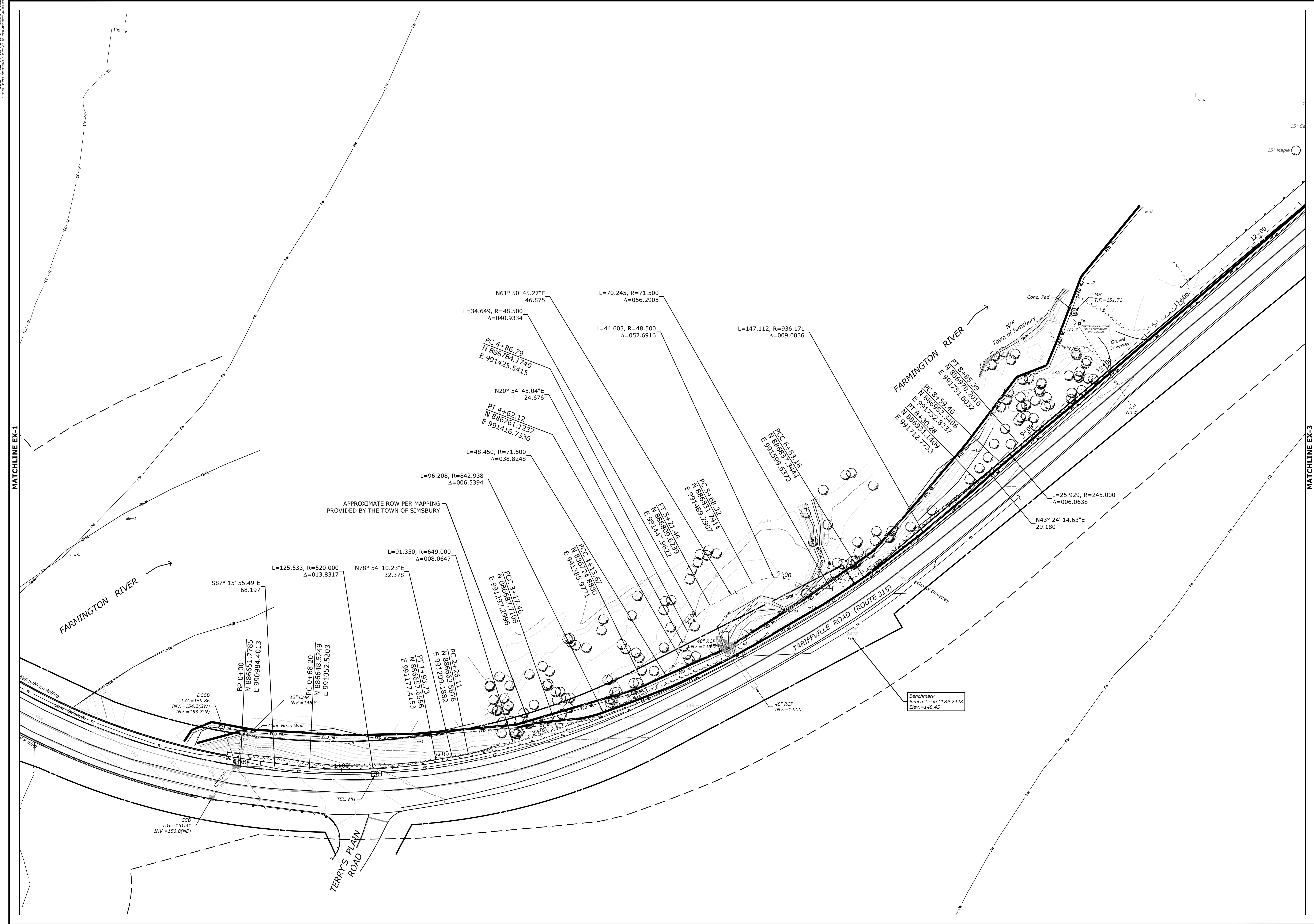
EXISTING CONDITIONS AND BASELINE LAYOUT PLAN
 TARIFFVILLE CONNECTION, MULTI-USE TRAIL
 FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTONS PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

DP	SG	MJJ
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: MAY 2022		
PROJECT NO.: 1613-20		
DRAWING NO.: EX-1		
08		

LEGEND

EXISTING	PROPOSED	EXISTING	PROPOSED

MATCHLINE EX-2

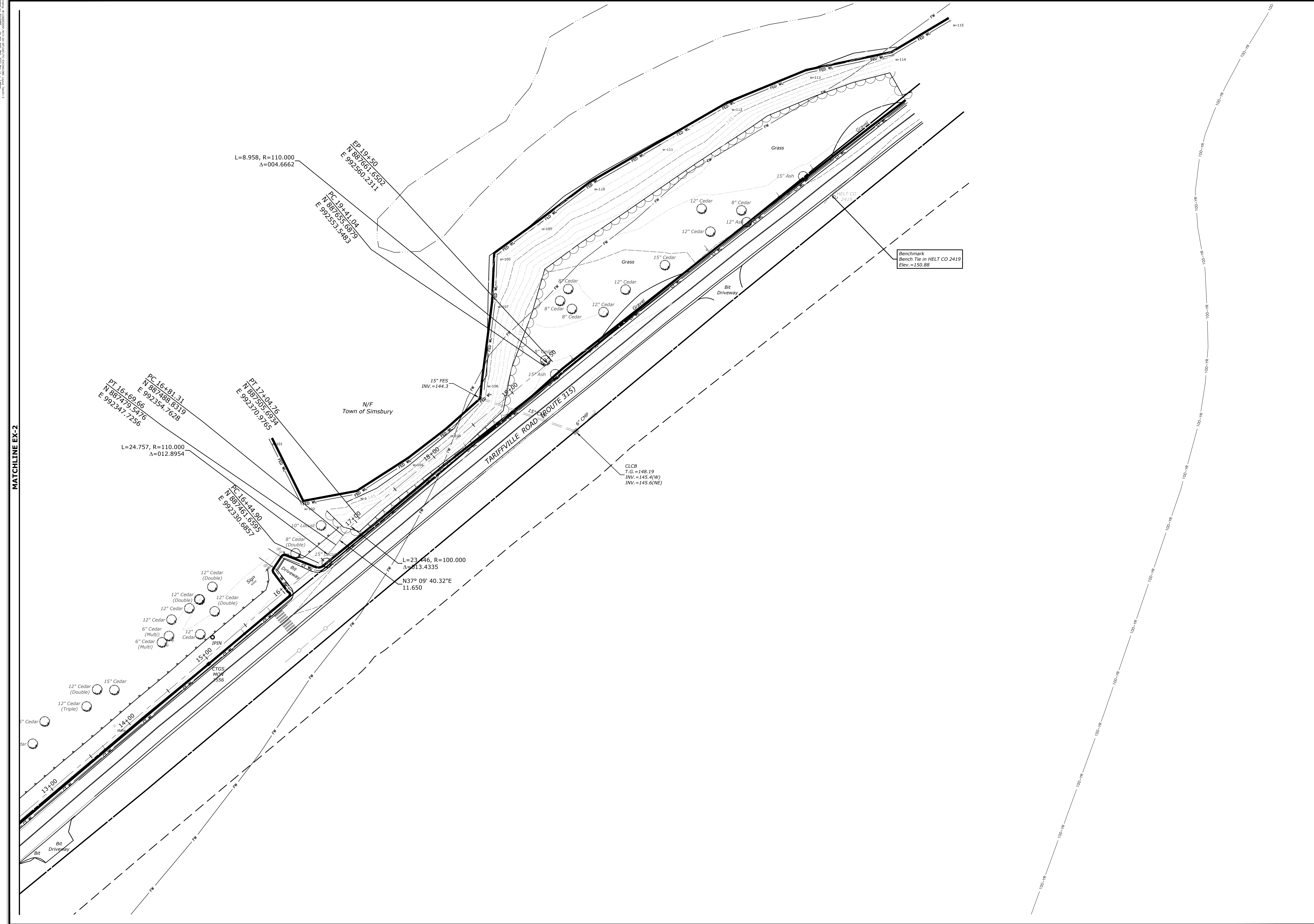


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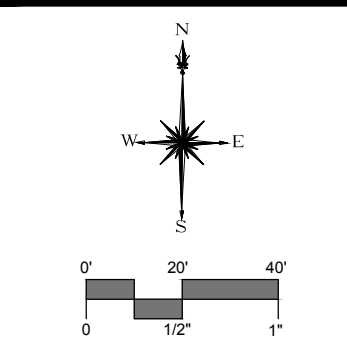
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DP DESIGNED	SG DRAWN	MJJ CHECKED
SCALE 1"=40'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. EX-2		

SHEET NO.
09



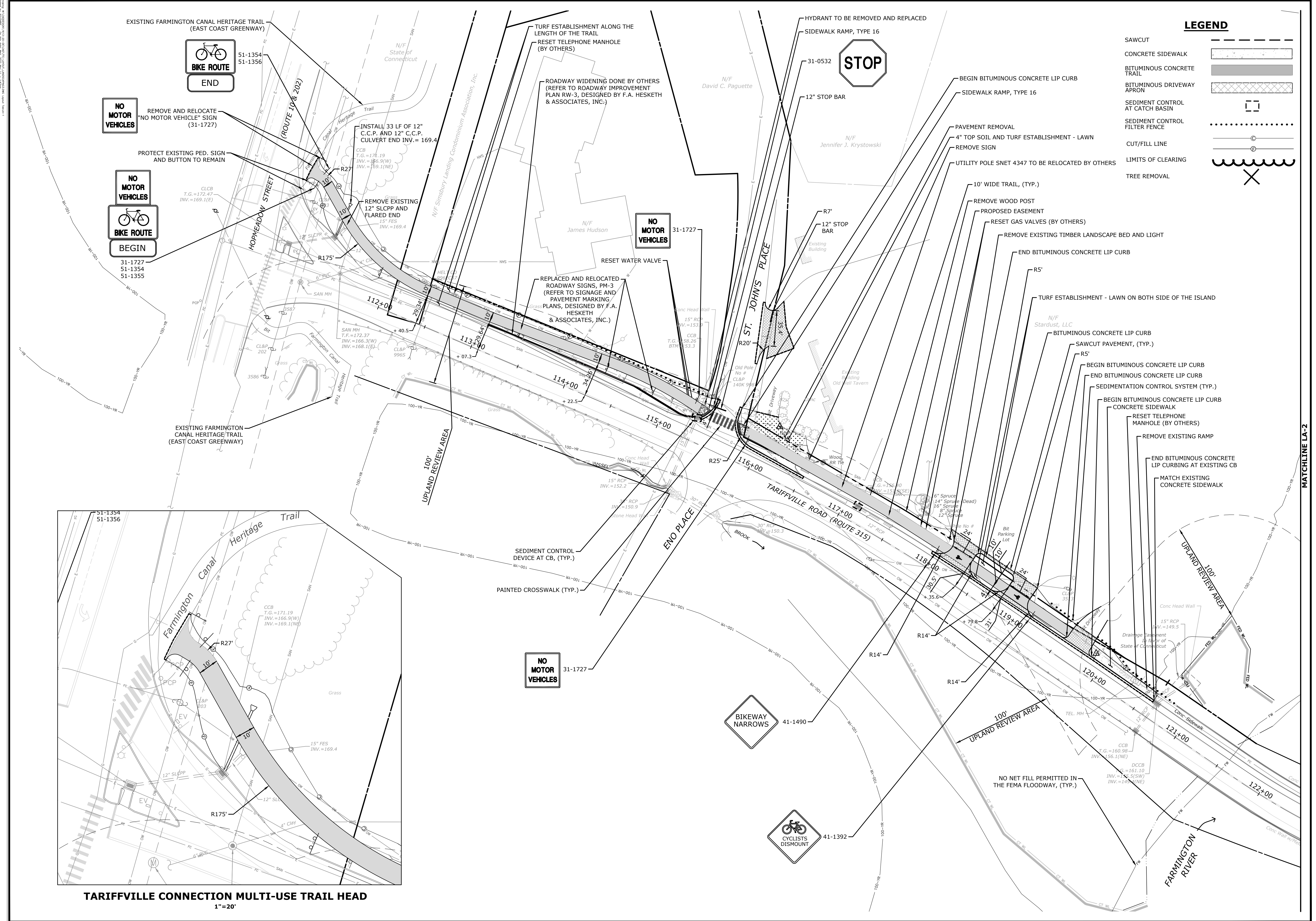
MATCHLINE EX-2



DESCRIPTION	DATE	BY

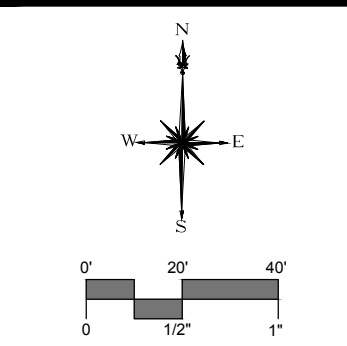
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 SIMSBURY, CONNECTICUT

DP DESIGNED	SG DRAWN	MJJ CHECKED
SCALE 1"=40'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. EX-3		



LEGEND

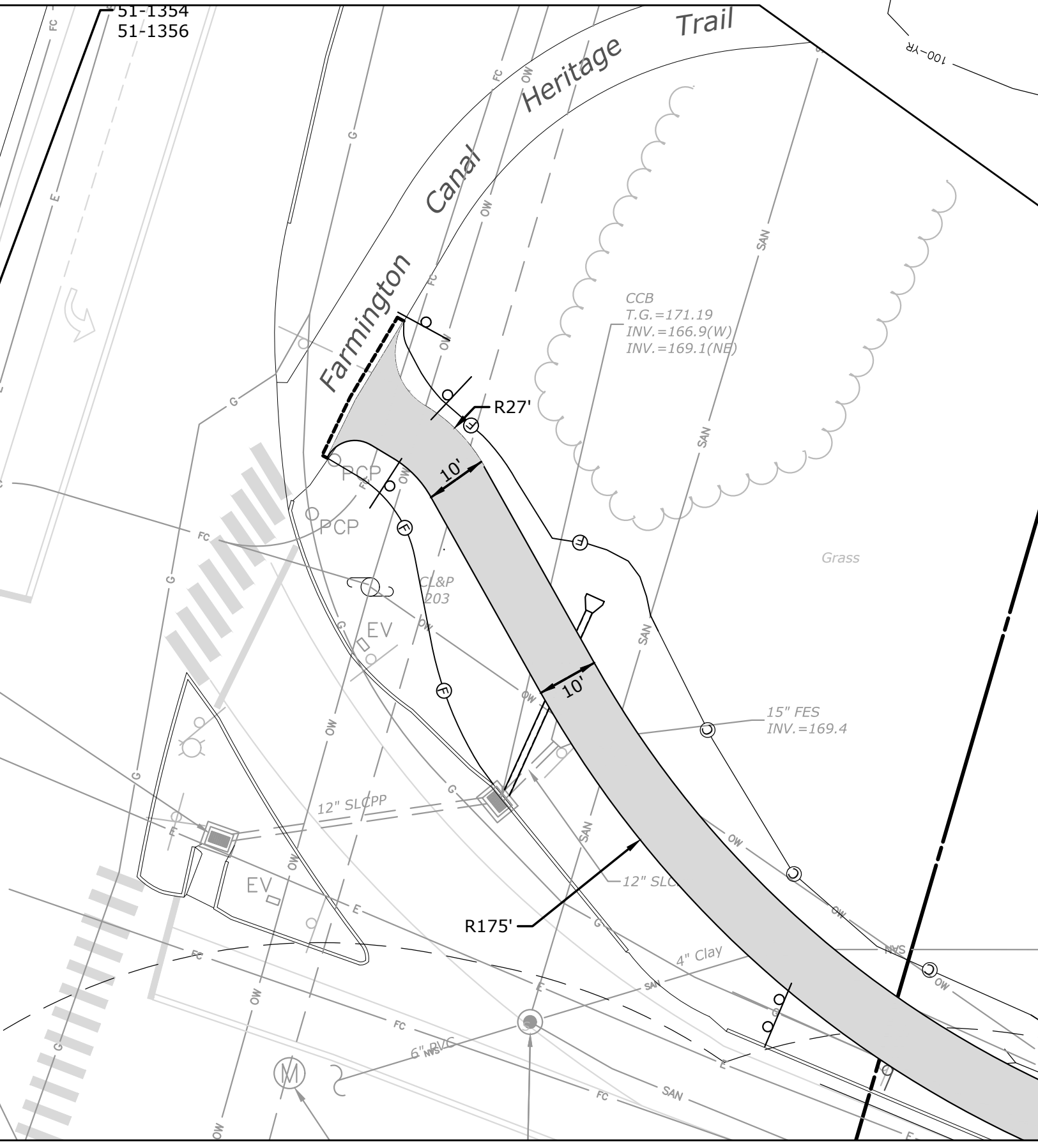
- SAWCUT
- CONCRETE SIDEWALK
- BITUMINOUS CONCRETE TRAIL
- BITUMINOUS DRIVEWAY APRON
- SEDIMENT CONTROL AT CATCH BASIN
- SEDIMENT CONTROL FILTER FENCE
- CUT/FILL LINE
- LIMITS OF CLEARING
- TREE REMOVAL



DESCRIPTION	DATE	BY

LAYOUT PLAN
TARIFFVILLE CONNECTION, MULTI-USE TRAIL FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTISON PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

DP	SG	MJJ
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: MAY 2022		
PROJECT NO.: 1613-20		
DRAWING NO.: LA-1		



TARIFFVILLE CONNECTION MULTI-USE TRAIL HEAD
 1"=20'

MATCHLINE LA-2

LEGEND

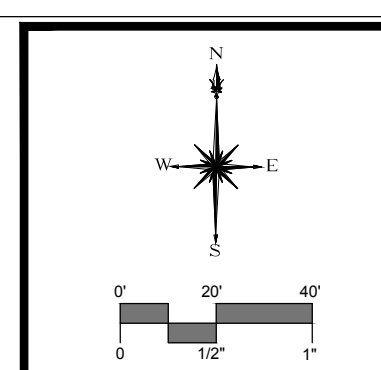
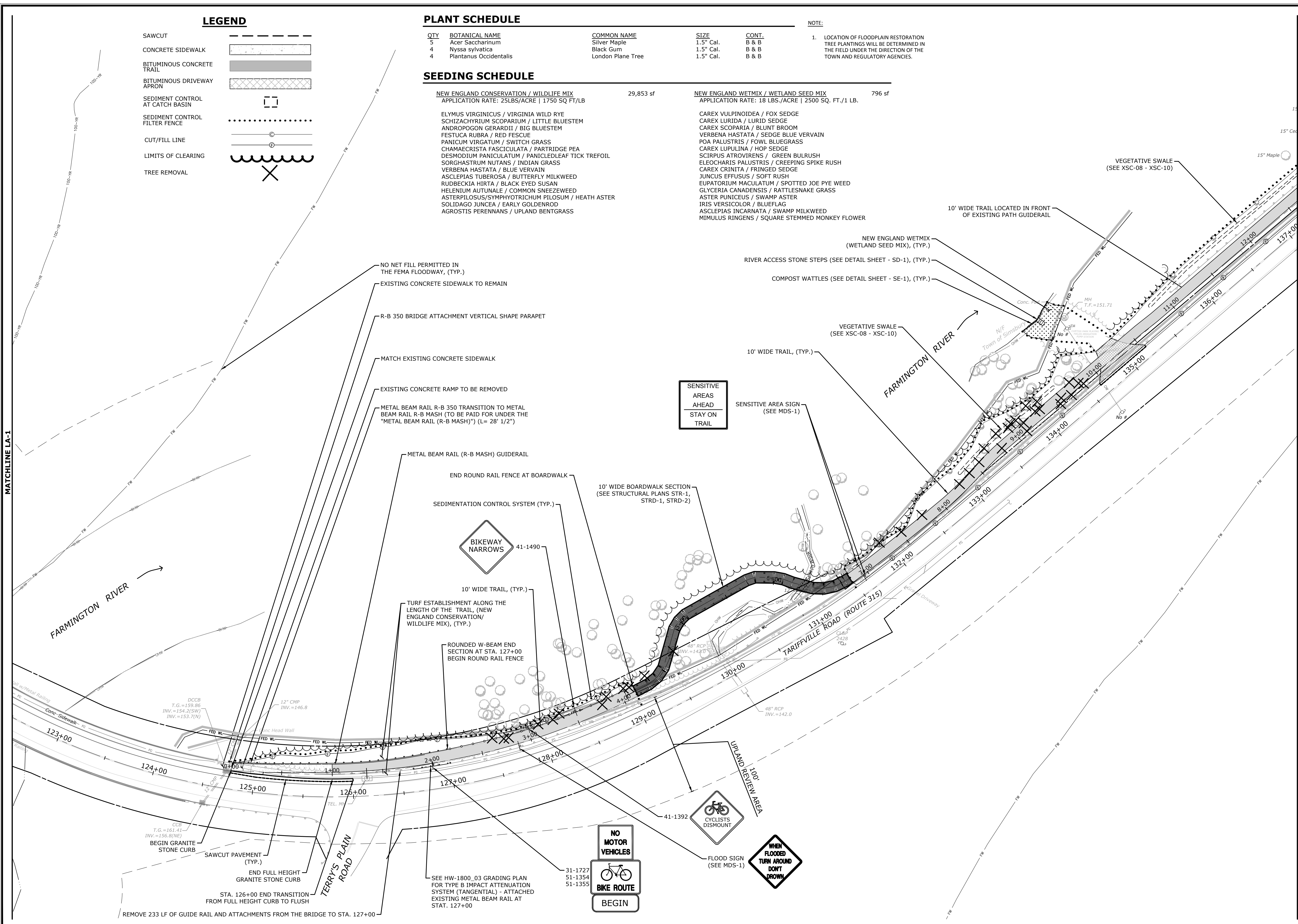
- SAWCUT
- CONCRETE SIDEWALK
- BITUMINOUS CONCRETE TRAIL
- BITUMINOUS DRIVEWAY APRON
- SEDIMENT CONTROL AT CATCH BASIN
- SEDIMENT CONTROL FILTER FENCE
- CUT/FILL LINE
- LIMITS OF CLEARING
- TREE REMOVAL

PLANT SCHEDULE

QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	NOTE:
5	Acer Saccharinum	Silver Maple	1.5" Cal.	B & B	1. LOCATION OF FLOODPLAIN RESTORATION TREE PLANTINGS WILL BE DETERMINED IN THE FIELD UNDER THE DIRECTION OF THE TOWN AND REGULATORY AGENCIES.
4	Nyssa sylvatica	Black Gum	1.5" Cal.	B & B	
4	Plantanus Occidentalis	London Plane Tree	1.5" Cal.	B & B	

SEEDING SCHEDULE

NEW ENGLAND CONSERVATION / WILDLIFE MIX	29,853 sf	NEW ENGLAND WETMIX / WETLAND SEED MIX	796 sf
APPLICATION RATE: 25LBS/ACRE 1750 SQ FT/LB		APPLICATION RATE: 18 LBS./ACRE 2500 SQ. FT./1 LB.	
ELYMUS VIRGINICUS / VIRGINIA WILD RYE SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM ANDROPOGON GERARDII / BIG BLUESTEM FESTUCA RUBRA / RED FESCUE PANICUM VIRGATUM / SWITCH GRASS CHAMAECRISTA FASCICULATA / PARTRIDGE PEA DESMODIUM PANICULATUM / PANICLEDLEAF TICK TREFOIL SORGHASTRUM NUTANS / INDIAN GRASS VERBENA HASTATA / BLUE VERVAIN ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEED RUDBECKIA HIRTA / BLACK EYED SUSAN HELENIUM AUTUNALE / COMMON SNEEZEWEED ASTERILOIUS/SYMPHYOTRICHUM PILOSUM / HEATH ASTER SOLIDAGO JUNCEA / EARLY GOLDENROD AGROSTIS PERENNANS / UPLAND BENTGRASS		CAREX VULPINOIDEA / FOX SEDGE CAREX LURIDA / LURID SEDGE CAREX SCOPARIA / BLUNT BROOM VERBENA HASTATA / SEDGE BLUE VERVAIN POA PALUSTRIS / FOWL BLUEGRASS CAREX LUPULINA / HOP SEDGE SCIRPUS ATROVIRENS / GREEN BULRUSH ELEOCHARIS PALUSTRIS / CREEPING SPIKE RUSH CAREX CRINITA / FRINGED SEDGE JUNCUS EFFUSUS / SOFT RUSH EUPATORIUM MACULATUM / SPOTTED JOE PYE WEED GLYCERIA CANADENSIS / RATTLESNAKE GRASS ASTER PUNICEUS / SWAMP ASTER IRIS VERSICOLOR / BLUEFLAG ASCLEPIAS INCARNATA / SWAMP MILKWEED MIMULUS RINGENS / SQUARE STEMMED MONKEY FLOWER	

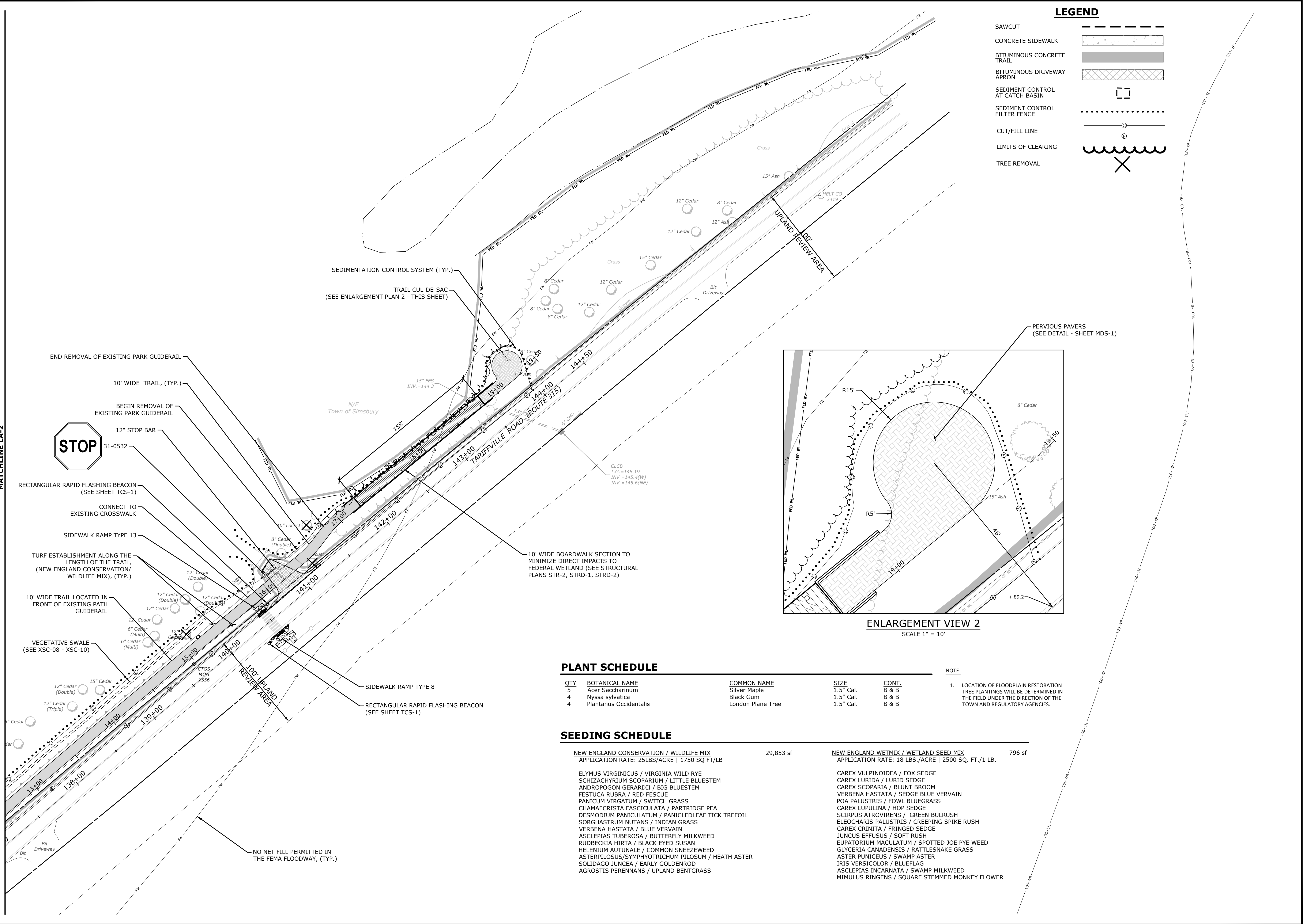


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 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

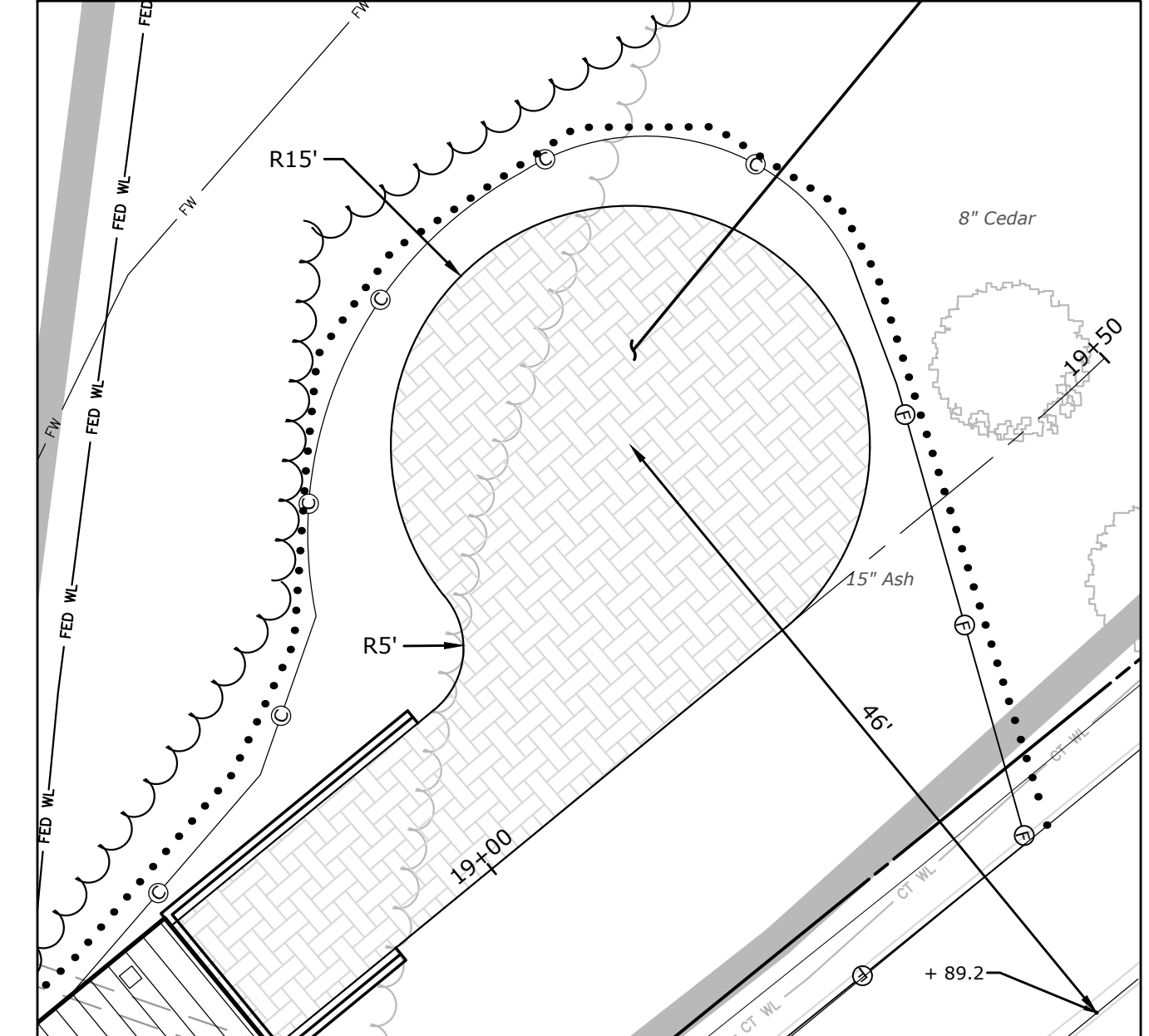
DP	SG	MJJ
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: MAY 2022		
PROJECT NO.: 1613-20		
DRAWING NO.: LA-2		
12		

C:\Users\slr\Documents\2022\LA-3\LA-3.dwg
 2022-05-10 10:00:00 AM
 2022-05-10 10:00:00 AM
 2022-05-10 10:00:00 AM



LEGEND

- SAWCUT
- CONCRETE SIDEWALK
- BITUMINOUS CONCRETE TRAIL
- BITUMINOUS DRIVEWAY APRON
- SEDIMENT CONTROL AT CATCH BASIN
- SEDIMENT CONTROL FILTER FENCE
- CUT/FILL LINE
- LIMITS OF CLEARING
- TREE REMOVAL



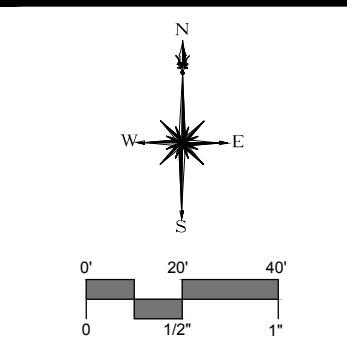
PLANT SCHEDULE

QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.
5	Acer Saccharinum	Silver Maple	1.5" Cal.	B & B
4	Nyssa sylvatica	Black Gum	1.5" Cal.	B & B
4	Plantanus Occidentalis	London Plane Tree	1.5" Cal.	B & B

NOTE:
 1. LOCATION OF FLOODPLAIN RESTORATION TREE PLANTINGS WILL BE DETERMINED IN THE FIELD UNDER THE DIRECTION OF THE TOWN AND REGULATORY AGENCIES.

SEEDING SCHEDULE

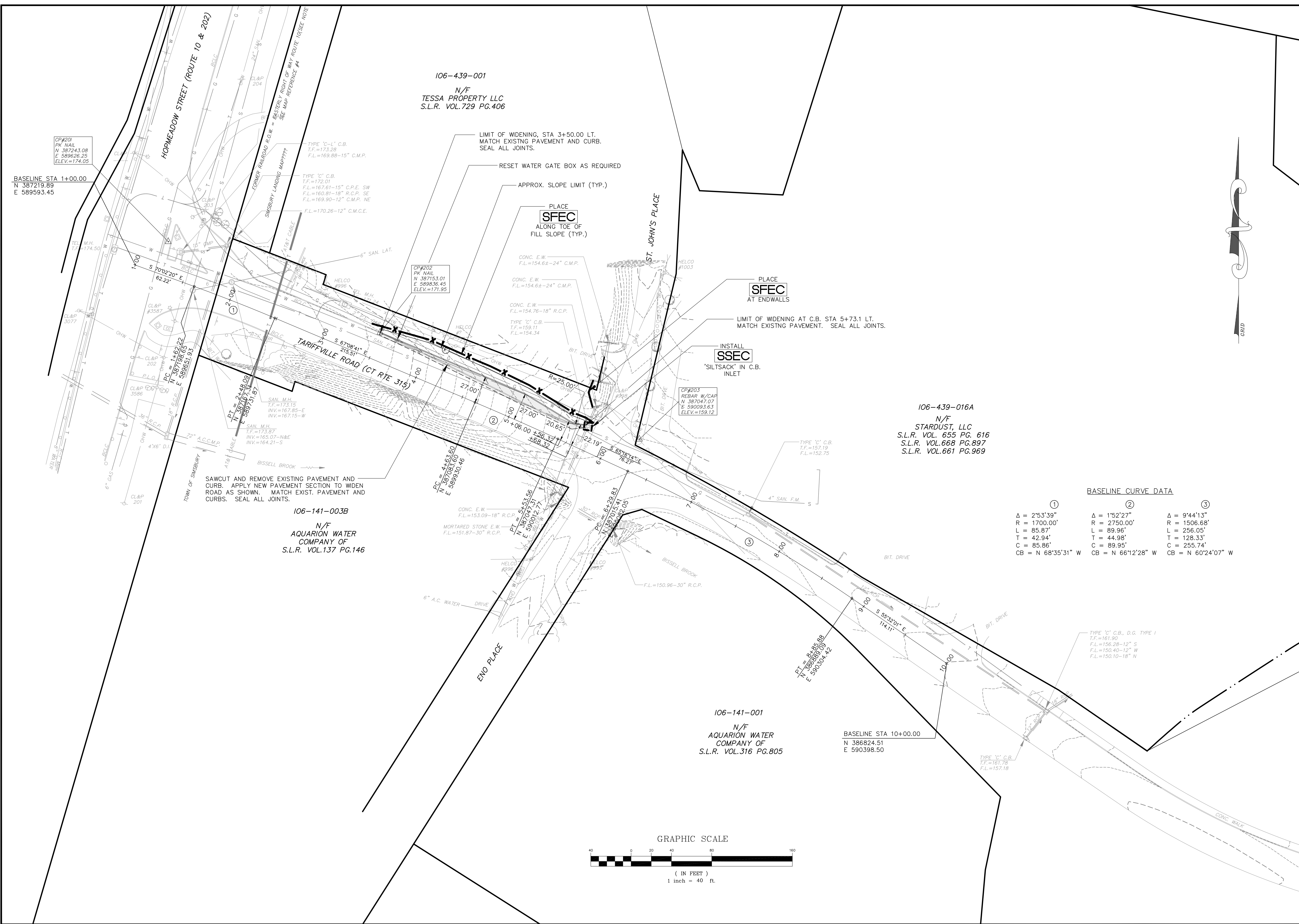
MIX NAME	AREA	SEED MIX
NEW ENGLAND CONSERVATION / WILDLIFE MIX APPLICATION RATE: 25LBS/ACRE 1750 SQ FT/LB	29,853 sf	NEW ENGLAND WETMIX / WETLAND SEED MIX APPLICATION RATE: 18 LBS./ACRE 2500 SQ. FT./1 LB.
ELYMUS VIRGINICUS / VIRGINIA WILD RYE SCHIZACHYRIUM SCOPARIUM / LITTLE BLUESTEM ANDROPOGON GERARDII / BIG BLUESTEM FESTUCA RUBRA / RED FESCUE PANICUM VIRGATUM / SWITCH GRASS CHAMAECRISTA FASCICULATA / PARTRIDGE PEA DESMODIUM PANICULATUM / PANICLEDLEAF TICK TREFOIL SORGHASTRUM NUTANS / INDIAN GRASS VERBENA HASTATA / BLUE VERVAIN ASCLEPIAS TUBEROSA / BUTTERFLY MILKWEED RUDBECKIA HIRTA / BLACK EYED SUSAN HELENIUM AUTUNALE / COMMON SNEEZEWEED ASTERPILOSUS/SYMPHYOTRICHUM PILOSUM / HEATH ASTER SOLIDAGO JUNCEA / EARLY GOLDENROD AGROSTIS PERENNANS / UPLAND BENTGRASS		CAREX VULPINOIDEA / FOX SEDGE CAREX LURIDA / LURID SEDGE CAREX SCOPARIA / BLUNT BROOM VERBENA HASTATA / SEDGE BLUE VERVAIN POA PALUSTRIS / FOWL BLUEGRASS CAREX LUPULINA / HOP SEDGE SCIRPUS ATROVIRENS / GREEN BULRUSH ELEOCHARIS PALUSTRIS / CREEPING SPIKE RUSH CAREX CRINITA / FRINGED SEDGE JUNCUS EFFUSUS / SOFT RUSH EUPATORIUM MACULATUM / SPOTTED JOE PYE WEED GLYCERIA CANADENSIS / RATTLESNAKE GRASS ASTER PUNICEUS / SWAMP ASTER IRIS VERSICOLOR / BLUEFLAG ASCLEPIAS INCARNATA / SWAMP MILKWEED MIMULUS RINGENS / SQUARE STEMMED MONKEY FLOWER



DATE	BY	DESCRIPTION

LAYOUT PLAN
 TARIFFVILLE CONNECTION, MULTI-USE TRAIL
 FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTISON PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

DP	SG	MJJ
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: MAY 2022		
PROJECT NO.: 1613-20		
DRAWING NO.: LA-3		
13		



CP#201
PK NAIL
N 387243.08
E 589626.25
ELEV.=174.05

BASELINE STA 1+00.00
N 387219.99
E 589593.45

106-439-001
N/F
TESSA PROPERTY LLC
S.L.R. VOL.729 PG.406

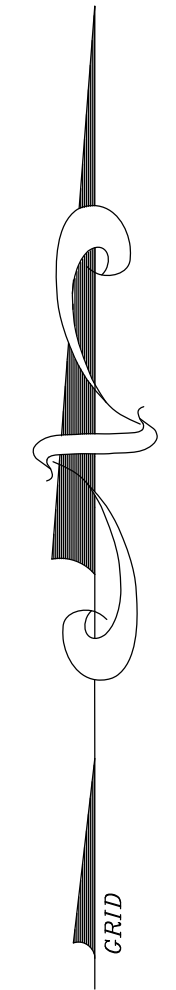
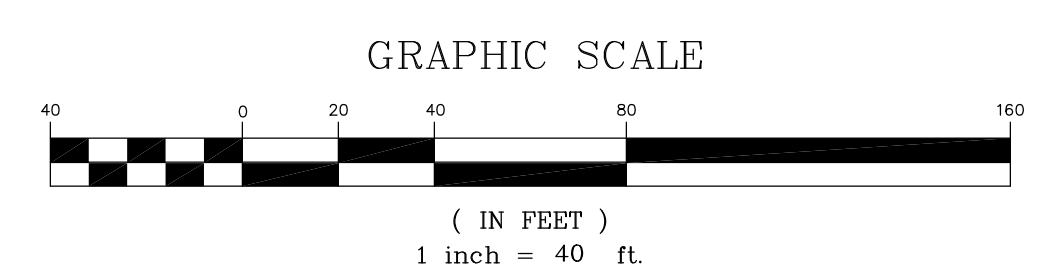
106-141-003B
N/F
AQUARION WATER
COMPANY OF
S.L.R. VOL.137 PG.146

106-141-001
N/F
AQUARION WATER
COMPANY OF
S.L.R. VOL.316 PG.805

106-439-016A
N/F
STARDUST, LLC
S.L.R. VOL. 655 PG. 616
S.L.R. VOL.668 PG.897
S.L.R. VOL.661 PG.969

BASELINE CURVE DATA

①	②	③
$\Delta = 2'53'39"$	$\Delta = 1'52'27"$	$\Delta = 9'44'13"$
$R = 1700.00'$	$R = 2750.00'$	$R = 1506.68'$
$L = 85.87'$	$L = 89.96'$	$L = 256.05'$
$T = 42.94'$	$T = 44.98'$	$T = 128.33'$
$C = 85.86'$	$C = 89.95'$	$C = 255.74'$
$CB = N 68'35'31" W$	$CB = N 66'12'28" W$	$CB = N 60'24'07" W$



Revisions:

No.	Date	Description
1	9-27-16	ENCROACHMENT PERMIT SUB.

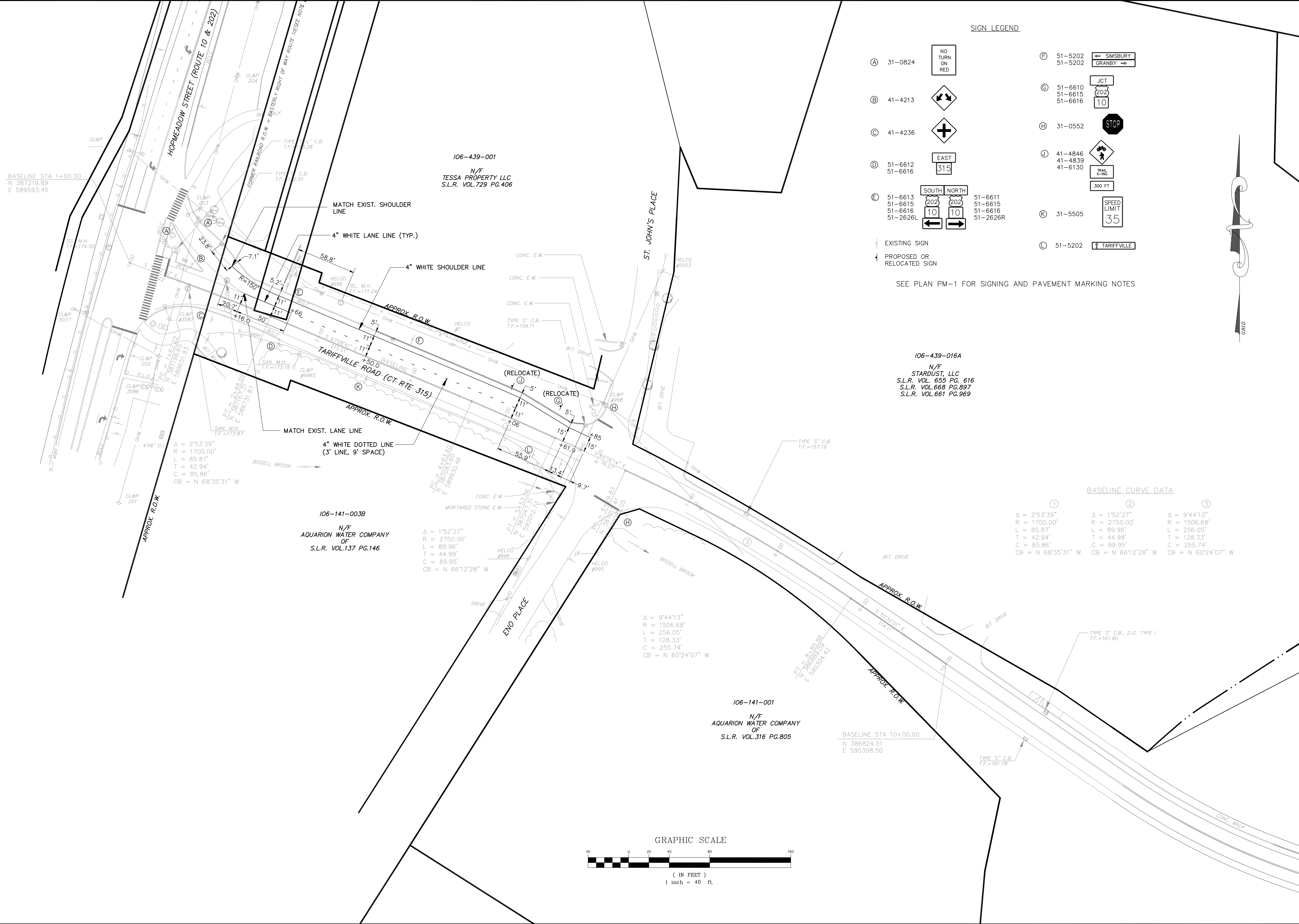
ROADWAY IMPROVEMENT PLAN
PREPARED FOR
BIG Y WORLD CLASS MARKET
TARIFFVILLE ROAD, ROUTE 315
SIMSBURY, CONNECTICUT

Date: 07-07-15
Drawn by: DRM
Job no: 10136

Scale: 1" = 40'
Checked by: DSZ
Sheet no: 3 OF 3

RW-3

FAH
F. A. Hesketh & Associates, Inc.
6 Creamery Brook, East Granby, CT 06026
Phone (860) 653-8000 Fax (860) 644-8600
www.fahhsketh.com
Civil & Traffic Engineers - Surveyors - Planners - Landscape Architects



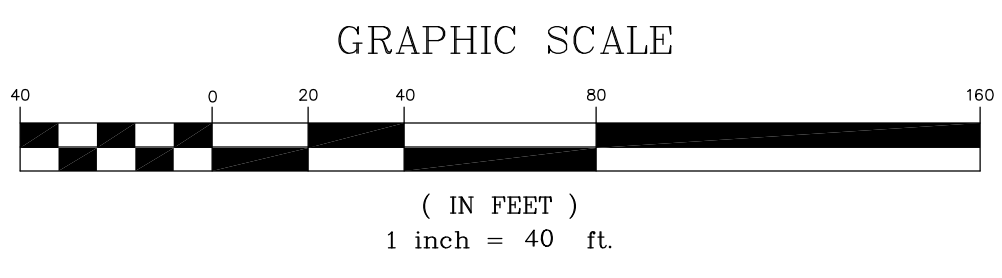
SIGN LEGEND

- (A) 31-0824 NO TURN ON RED
 - (B) 41-4213
 - (C) 41-4236
 - (D) 51-6612 EAST 315
 - (E) 51-6613 SOUTH 202 51-6611 NORTH 202
 - (F) 51-5202 SIMSBURY GRANBY
 - (G) 51-6610 51-6615 51-6616 JCT 202 10
 - (H) 31-0552 STOP
 - (J) 41-4846 41-4839 41-6130
 - (K) 31-5505 SPEED LIMIT 35
 - (L) 51-5202 TARIFFVILLE
- EXISTING SIGN
PROPOSED OR RELOCATED SIGN

SEE PLAN PM-1 FOR SIGNING AND PAVEMENT MARKING NOTES

BASELINE CURVE DATA

Curve No.	Delta	Radius	Length	Tangent	Chord	Chord Bearing
1	2°53'39"	1700.00'	85.87'	42.94'	85.86'	N 68°35'31" W
2	1°52'27"	2750.00'	89.96'	44.98'	89.95'	N 66°12'28" W
3	9°44'13"	1506.68'	256.05'	128.33'	255.74'	N 60°24'07" W



BASELINE STA 1+00.00
N 387219.89
E 589593.45

106-439-016A
N/F
STARDUST, LLC
S.L.R. VOL. 655 PG. 616
S.L.R. VOL. 668 PG. 697
S.L.R. VOL. 661 PG. 969

106-141-003B
N/F
AQUARION WATER COMPANY
OF
S.L.R. VOL. 137 PG. 146

106-141-001
N/F
AQUARION WATER COMPANY
OF
S.L.R. VOL. 316 PG. 805

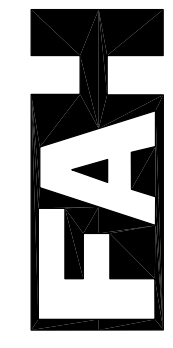
Revisions:

No.	Date	Description
1	9-27-16	ENCROACHMENT PERMIT SUB.

SIGNING & PAVEMENT MARKING PLAN
PREPARED FOR
BIG Y WORLD CLASS MARKET
TARIFFVILLE ROAD, ROUTE 315
SIMSBURY, CONNECTICUT
Date: 07-07-15 Drawn by: DRM Job no: 10136
Checked by: DSZ Sheet no: 3 OF 3
Scale: 1" = 40'

PM-3

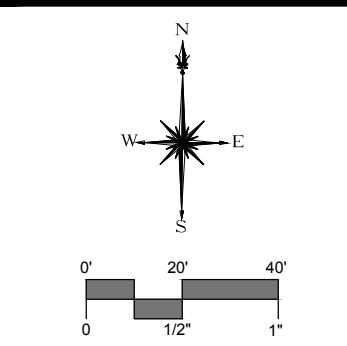
F. A. Hesketh & Associates, Inc.
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Phone (860) 653-8000 Fax (860) 644-8600
www.fahsketh.com
Civil & Traffic Engineers • Surveyors • Planners • Landscape Architects





LEGEND

- 100' UPLAND REVIEW AREA (LOCAL)
- FARMINGTON RIVER STATE 1
- FARMINGTON RIVER FEDERAL 1



DESCRIPTION	DATE	BY

REGULATORY IMPACT PLAN (STATE AND FEDERAL IMPACTS)
TARIFFVILLE CONNECTION, MULTI-USE TRAIL
FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTISON PARKS
TARIFFVILLE ROAD (CT ROUTE 315)
SIMSBURY, CONNECTICUT

MJJ	ELF	MJJ
DESIGNED	DRAWN	CHECKED
SCALE 1"=40'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. RI-01A		

MATCHLINE RI-02A

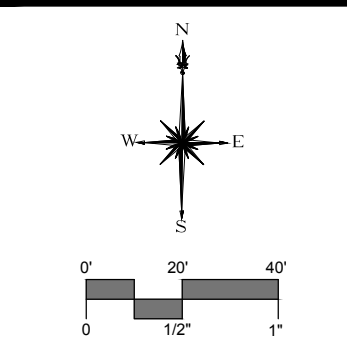
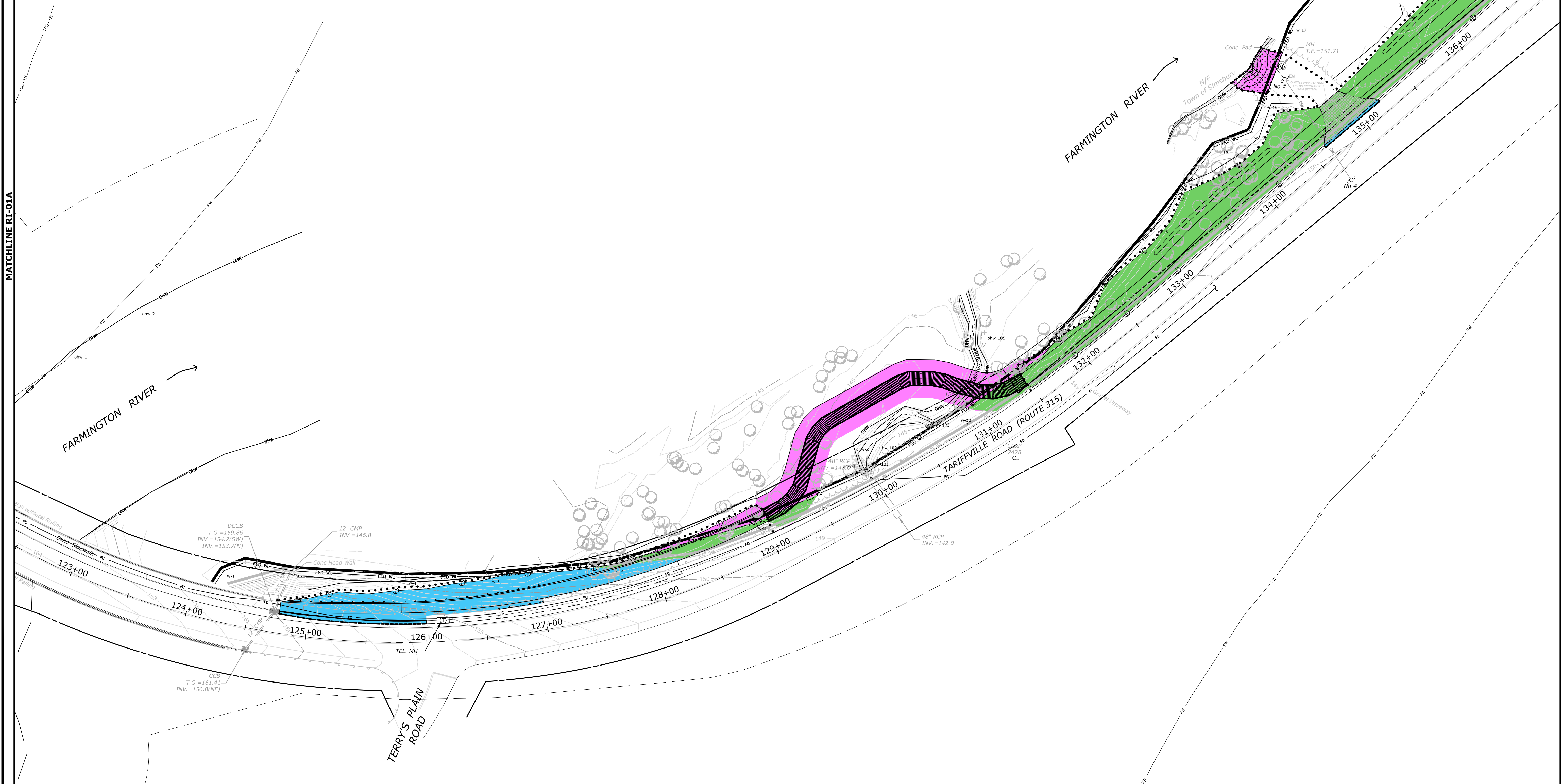
FOR OFFICE USE ONLY - NOT TO BE USED FOR CONSTRUCTION

LEGEND

- 100' UPLAND REVIEW AREA (LOCAL)
- FARMINGTON RIVER STATE 1
- FARMINGTON RIVER FEDERAL 1

REGULATED RESOURCE ACTIVITIES

IMPACTS BELOW OHW (ORDINARY HIGH WATERLINE)	10 SF
IMPACT TO STATE 1 WETLANDS	19,825 SF
IMPACT TO FEDERAL 1 WETLANDS (TEMPORARY)	5,300 SF
IMPACT TO FEDERAL 1 WETLANDS (PERMANENT)	990 SF



DESCRIPTION	DATE	BY

REGULATORY IMPACT PLAN (STATE AND FEDERAL IMPACTS)
TARIFFVILLE CONNECTION, MULTI-USE TRAIL
FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTISON PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

MJJ DESIGNED	ELF DRAWN	MJJ CHECKED
SCALE 1"=40'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. RI-02A		

25

100' UPLAND REVIEW AREA (LOCAL)
 FARMINGTON RIVER STATE 1
 FARMINGTON RIVER FEDERAL 1

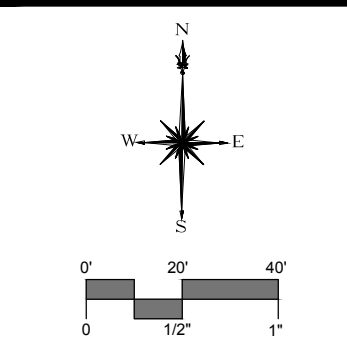
LEGEND

- 100' UPLAND REVIEW AREA (LOCAL)
- FARMINGTON RIVER STATE 1
- FARMINGTON RIVER FEDERAL 1

REGULATED RESOURCE ACTIVITIES

IMPACT TO STATE 1 WETLANDS	20,870 SF
----------------------------	-----------

MATCHLINE RI-02A



DESCRIPTION	DATE	BY

REGULATORY IMPACT PLAN (STATE AND FEDERAL IMPACTS)
 TARIFFVILLE CONNECTION, MULTI-USE TRAIL
 FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTON PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

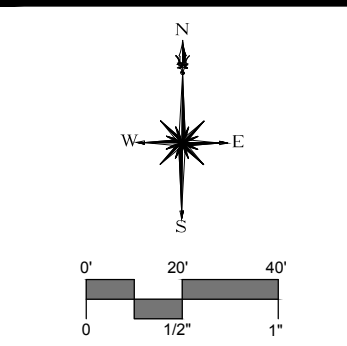
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SCALE 1"=40'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. RI-03A		

26



LEGEND

- FLOODWAY
- FLOODPLAIN



DESCRIPTION	DATE	BY

REGULATORY IMPACT PLAN (FLOODWAY AND FLOOD PLAIN IMPACTS)
TARIFFVILLE CONNECTION, MULTI-USE TRAIL
FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTISON PARKS
TARIFFVILLE ROAD (CT ROUTE 315)
SIMSBURY, CONNECTICUT

MJJ	ELF	MJJ
DESIGNED	DRAWN	CHECKED
SCALE 1"=40'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. RI-01B		

27

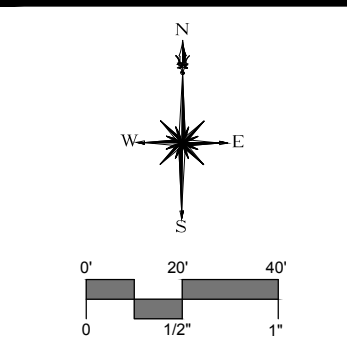
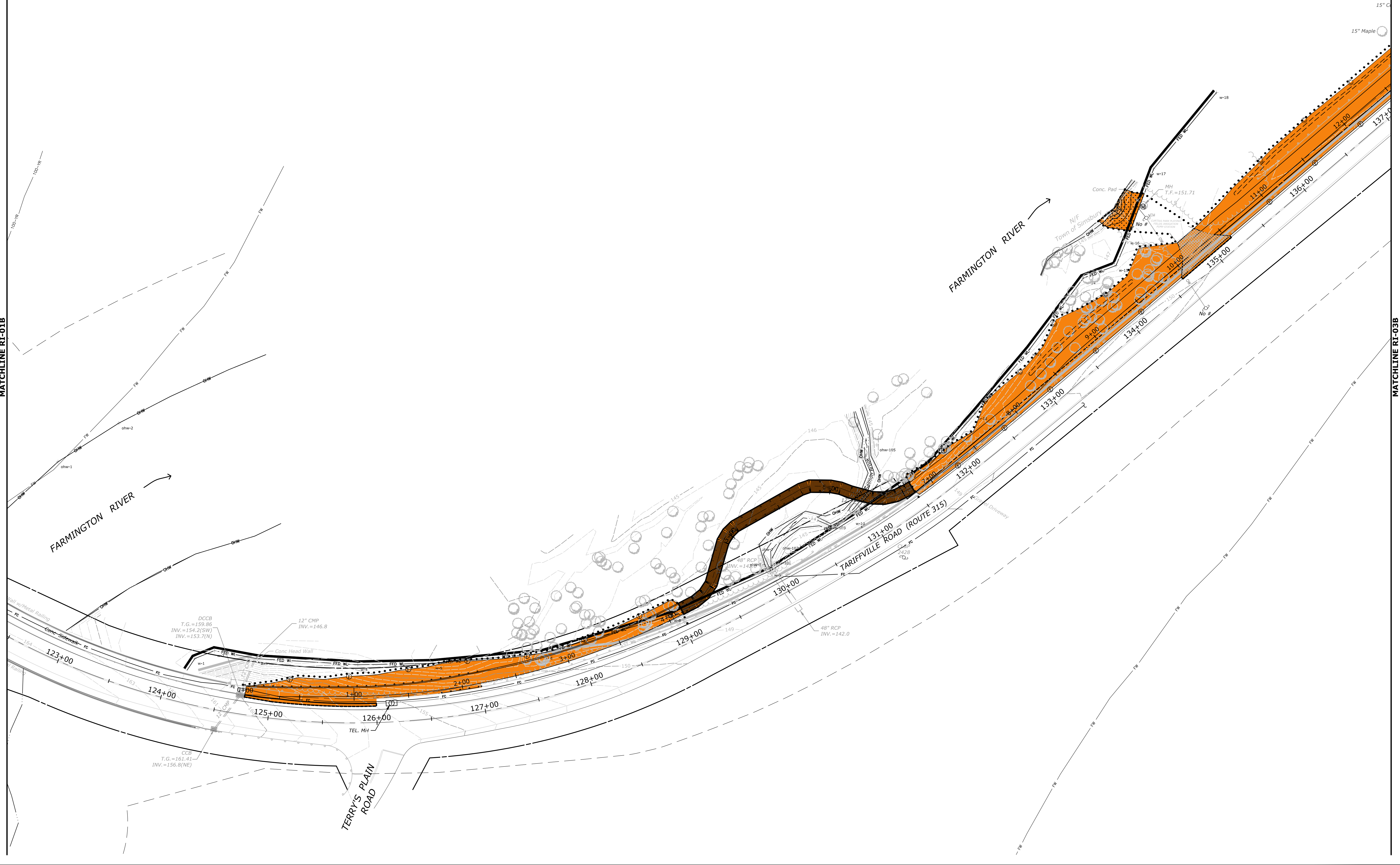
MATCHLINE RI-02B

DATE PLOTTED: 5/11/2022 10:00 AM

DATE PLOTTED: 05/11/2022 10:00 AM
SCALE: 1"=40'
PROJECT NO: 1613-20
DRAWING NO: RI-02B

LEGEND

- FLOODWAY
- FLOODPLAIN



DESCRIPTION	DATE	BY

REGULATORY IMPACT PLAN (FLOODWAY AND FLOOD PLAIN IMPACTS)
TARIFFVILLE CONNECTION, MULTI-USE TRAIL
FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTONS PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

MJJ	ELF	MJJ
DESIGNED	DRAWN	CHECKED
SCALE: 1"=40'		
DATE: MAY 2022		
PROJECT NO: 1613-20		
DRAWING NO: RI-02B		

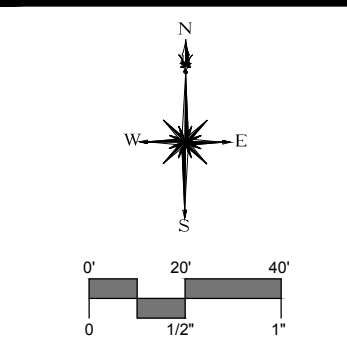
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LEGEND

- FLOODWAY
- FLOODPLAIN

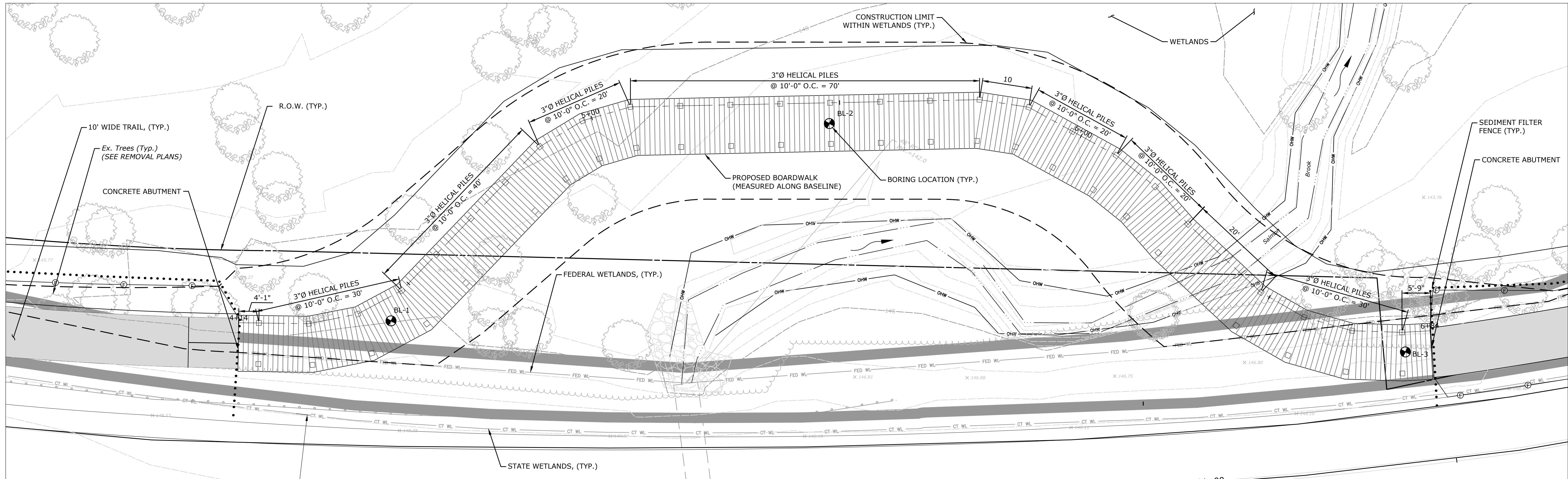
MATCHLINE RI-03B



DESCRIPTION	DATE	BY

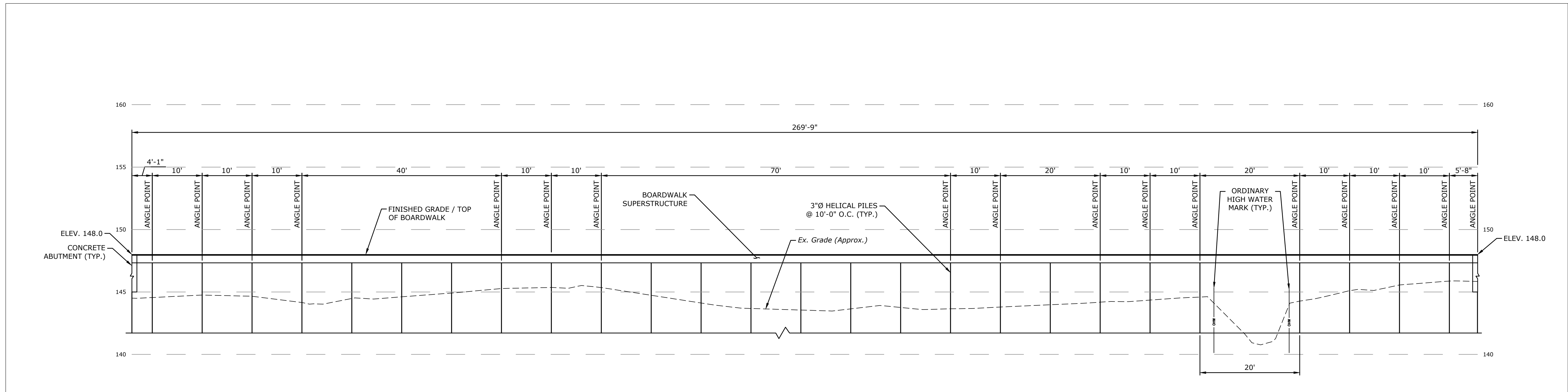
REGULATORY IMPACT PLAN (FLOODWAY AND FLOOD PLAIN IMPACTS)
TARIFFVILLE CONNECTION, MULTI-USE TRAIL
FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTONS PARKS
 TARIFFVILLE ROAD (CT ROUTE 315)
 SIMSBURY, CONNECTICUT

MJJ DESIGNED	ELF DRAWN	MJJ CHECKED
SCALE 1"=40'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. RI-03B		



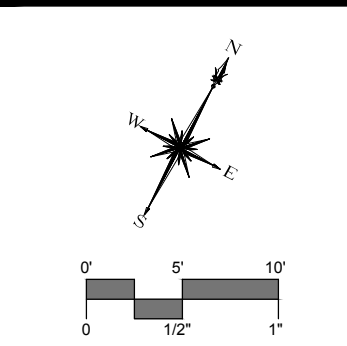
BOARDWALK - PLAN
SCALE 1" = 10'-0"

- TYPICAL CONSTRUCTION SEQUENCE**
1. INSTALL TEMPORARY ACCESS PATH AS REQUIRED TO INSTALL HELICAL PILES.
 2. INSTALL BOARDWALK FRAMING.
 3. INSTALL BOARDWALK AS DETAILED.
 4. REMOVE TEMPORARY ACCESS PATH.
 5. RESTORE DISTURBED AREAS.



BOARDWALK - ELEVATION
HORIZ. SCALE 1" = 10'-0"
VERT. SCALE 1/4" = 1'-0"

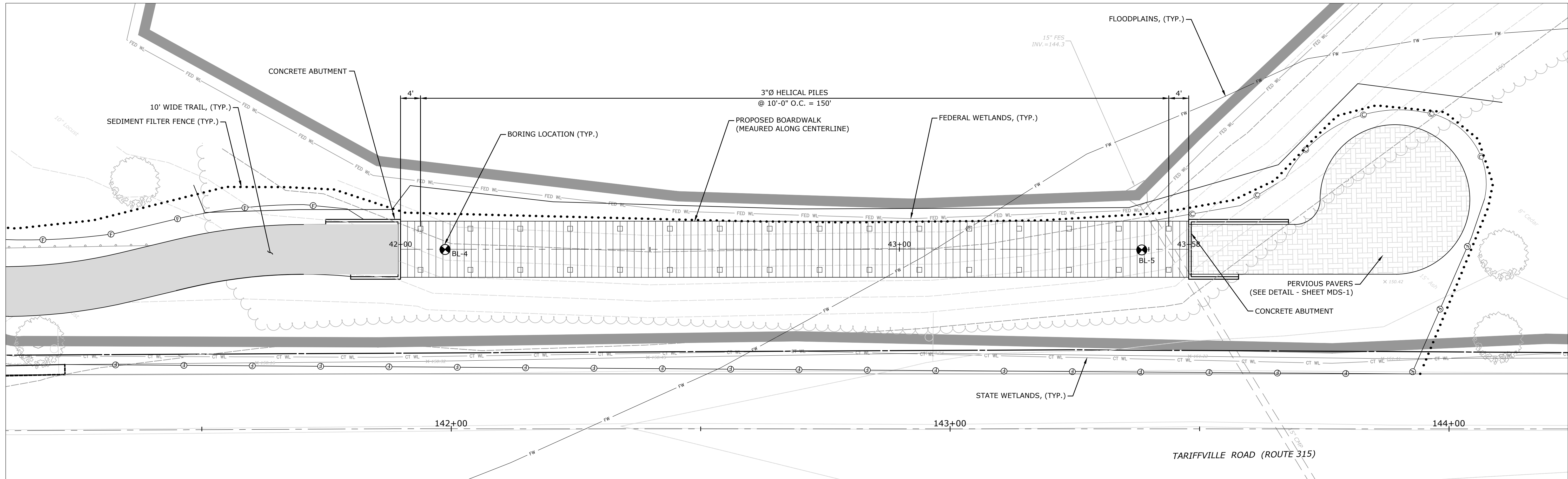
- NOTES:**
1. RAILING WAS NOT SHOWN FOR CLARITY.
 2. HELICAL PILES TO BE BATTERED @ EVERY ±50'0".



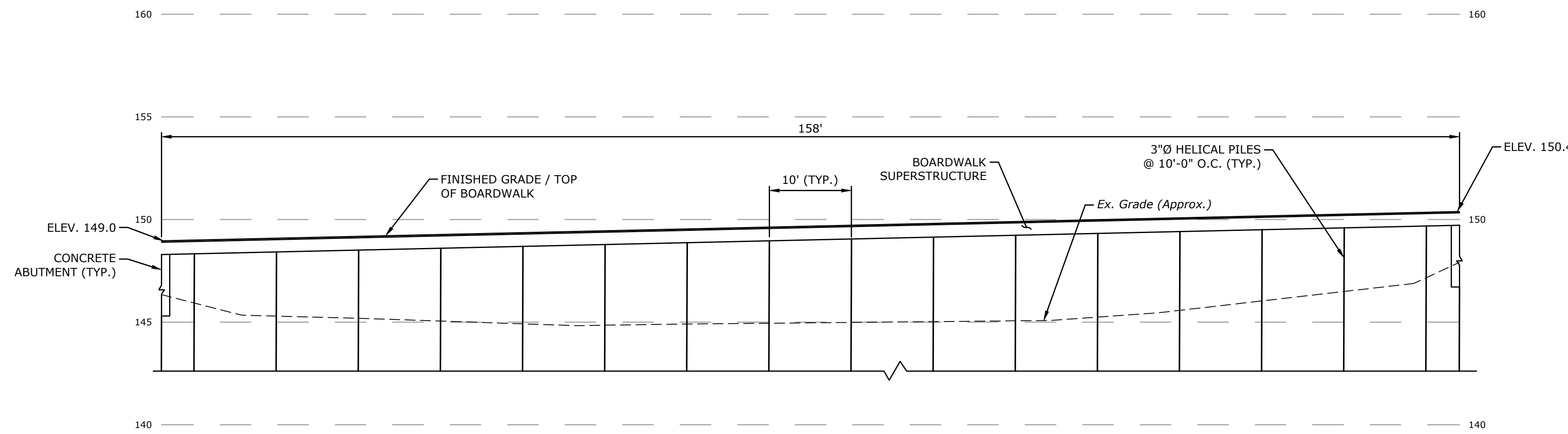
DESCRIPTION	DATE	BY

STRUCTURAL PLAN AND PROFILE
TARIFFVILLE CONNECTION, MULTI-USE TRAIL
FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTISON PARKS
TARIFFVILLE ROAD (CT ROUTE 315)
SIMSBURY, CONNECTICUT

MJJ DESIGNED	ELF DRAWN	MJJ CHECKED
SCALE 1"=10'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. STR-1		



BOARDWALK - PLAN
SCALE 1" = 10'-0"



BOARDWALK - ELEVATION
HORIZ. SCALE 1" = 10'-0"
VERT. SCALE 1/4" = 1'-0"

TYPICAL CONSTRUCTION SEQUENCE

1. INSTALL TEMPORARY ACCESS PATH AS REQUIRED TO INSTALL HELICAL PILES.
2. INSTALL BOARDWALK FRAMING.
3. INSTALL BOARDWALK AS DETAILED.
4. REMOVE TEMPORARY ACCESS PATH.
5. RESTORE DISTURBED AREAS.

NOTES:

1. RAILING WAS NOT SHOWN FOR CLARITY.
2. HELICAL PILES TO BE BATTERED @ EVERY ±50'0".



DESCRIPTION	DATE	BY

STRUCTURAL PLAN AND PROFILE
TARIFFVILLE CONNECTION, MULTI-USE TRAIL
FROM HOPMEADOW ST (RT.10) TO CURTISS AND PATTON PARKS
TARIFFVILLE ROAD (CT ROUTE 315)
SIMSBURY, CONNECTICUT

MJJ	ELF	MJJ
DESIGNED	DRAWN	CHECKED
SCALE 1"=10'		
DATE MAY 2022		
PROJECT NO. 1613-20		
DRAWING NO. STR-2		