

PROJECT LOCATION PLAN SCALE: 1'' = 1000'

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TOWN OF WATERTOWN STEELE BROOK GREENWAY STATE PROJECT NO. 153-125 FEDERAL PROJECT NO. PEDS(229)

PRELIMINARY DESIGN SUBMISSION



STEELE BROOK GREENWAY MULTI-USE PATHWAY (STA: 10+00 TO 47+56)

> MARK RAIMO TOWN MANAGER

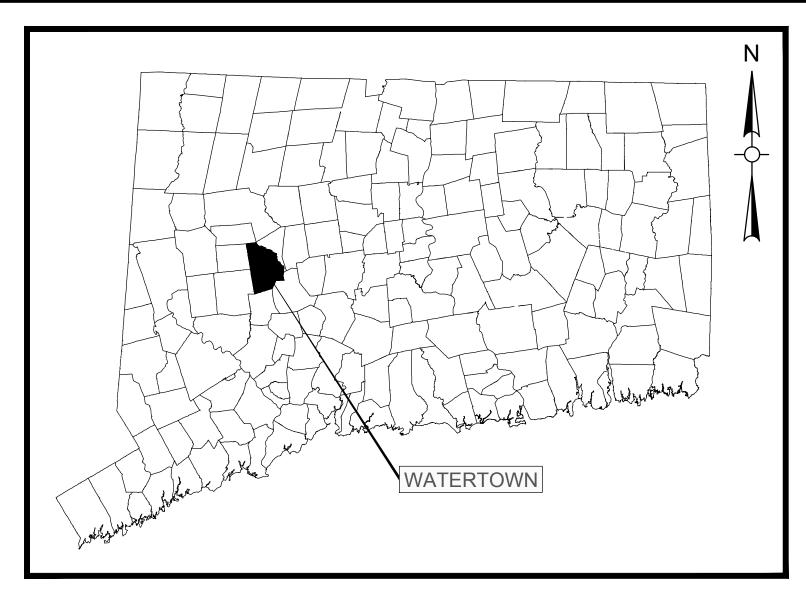
GERALD LUKOWSKI DIRECTOR OF PUBLIC WORKS

> PAUL BUNEVICH, P.E. TOWN ENGINEER

PLANS APPROVED BY:

Weston & Sampson Engineers, Inc. 712 Brook Street, Suite 103 Rocky Hill, CT 06067 860-513-1473 800.SAMPSON

www.westonandsampson.com



TOWN LOCATION MAP SCALE: N.T.S.

PROJECT SPECIFICATIONS:

CONNECTICUT DEPARTMENT OF TRANSPORTATION, STANDARD SPECIFICATIONS FOR ROADS, BRIDGES, FACILITIES AND INCIDENTAL CONSTRUCTION, FORM 818, DATED 2020; AND SPECIAL PROVISIONS

SURVEY INFORMATION DERIVED FROM: PERIERA ENGINEERING, LLC

VERTICAL DATUM - NAVD88 HORIZONTAL DATUM - NAD83

DESIGNED BY: WESTON & SAMPSON ENGINEERS, INC. 712 BROOK STREET, SUITE 103

CT. LIC. NO. 21459

ROCKY HILL, CT 06067





EXCLUSIVE USE OF THE CLIENT & PROJECT NAME

OF THE INTELLECTUAL PROPERTY CONTAINED

CONSTRUCTION NOTES:

GENERAL

- SYMBOLS AND LEGENDS OF PROJECT FEATURES ARE GRAPHIC REPRESENTATIONS AND ARE NOT NECESSARILY SHOWN ON THE DRAWINGS TO SCALE OR TO THEIR ACTUAL DIMENSIONS OR LOCATION. COORDINATE DETAIL SHEET DIMENSIONS, MANUFACTURERS' LITERATURE, SHOP DRAWINGS AND FIELD MEASUREMENTS OF SUPPLIED PRODUCTS FOR LAYOUT OF THE PROJECT FEATURES.
- DO NOT RELY SOLELY ON ELECTRONIC VERSIONS OF THESE DRAWINGS, SPECIFICATIONS, AND DATA FILES THAT ARE PROVIDED BY THE ENGINEER. FIELD VERIFY LOCATION OF PROJECT FEATURES.
- THE CONTRACTOR SHALL PERFORM NECESSARY CONSTRUCTION NOTIFICATIONS, APPLY FOR AND OBTAIN NECESSARY PERMITS, PAY FEES. AND POST BONDS ASSOCIATED WITH THE WORK AS REQUIRED BY THE CONTRACT DOCUMENTS.
- FENCES, MAIL BOXES, ETC. SHALL BE REMOVED AND REPLACED AS NECESSARY TO PERFORM THE WORK. UNLESS OTHERWISE INDICATED, ALL SUCH WORK SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.
- ALL AREAS DISTURBED BY THE CONTRACTOR BEYOND PAYMENT LIMITS SHALL BE RESTORED AT NO ADDITIONAL COST TO THE TOWN. PAVEMENT SHALL BE REPLACED IN ACCORDANCE WITH THE SPECIFICATIONS AND AS SHOWN ON THE DRAWINGS.
- THE CONTRACTOR SHALL MAINTAIN SIDE SLOPES AND DRAINAGE SWALES DURING CONSTRUCTION TO PREVENT PONDING AND EROSION.
- THE CONTRACTOR SHALL NOT STORE ANY APPARATUS. MATERIALS. SUPPLIES OR EQUIPMENT ON DRAINAGE STRUCTURES OR WITHIN 100 FEET OF WETLANDS.
- THE CONTRACTOR SHALL GRADE PROPOSED SLOPES TO MEET EXISTING SLOPES WHERE SHOWN ON PLANS, IN ACCORDANCE WITH THE MINIMUM AND MAXIMUM SLOPES SPECIFIED.
- ALL STREET EXCAVATIONS SHALL BE COMPLETELY CLOSED AT THE END OF EACH WORKING DAY BY BACKFILLING. COVERING WITH STEEL PLATES MAY BE ALLOWED IF APPROVED BY THE ENGINEER.
- . WHERE ENCOUNTERED, UNSUITABLE MATERIAL SHALL BE REMOVED TO A DEPTH OF AT LEAST 12-INCHES BELOW THE BOTTOM OF TRENCH EXCAVATIONS AND REPLACED WITH GRANULAR FILL, UNLESS OTHERWISE SPECIFIED.
- DURING THE PROCESS OF WORK, THE CONTRACTOR SHALL CONDUCT OPERATIONS AND MAINTAIN THE AREA OF CONSTRUCTION ACTIVITIES, INCLUDING SWEEPING AND WATER FOR DUST CONTROL AS NECESSARY, TO MINIMIZE CREATION AND DISPERSION OF DUST.
- 2. WHERE EXISTING FENCES ARE TO BE REMOVED AND RESET, A TEMPORARY CONSTRUCTION FENCE SHALL BE ERECTED AFTER REMOVAL FOR THE PROTECTION OF THE RESIDENTS. TEMPORARY CONSTRUCTION FENCES SHALL BE PAID FOR UNDER CLEARING AND GRUBBING.
- ALL HIGHWAY LINE MONUMENTATION WITHIN THE PROJECT LIMITS MUST BE DELINEATED AND PROTECTED FROM DAMAGE OR MOVEMENT. ANY COST ASSOCIATED WITH RESETTING OF THE MONUMENTATION SHALL BE AT THE CONTRACTOR'S EXPENSE IF DISTURBED BY CONTRACTOR.
- THE CONTRACTOR SHALL COMPLETE ALL LAYOUTS, SURVEYS, ETC. REQUIRED FOR CONSTRUCTION OF THE PROJECT AS SHOWN AND AS SPECIFIED.
- 5. THE CONTRACTOR IS RESPONSIBLE TO ENSURE THAT THE PROPER STORM DRAINAGE AND SANITARY FLOWS ARE MAINTAINED THROUGHOUT THE CONSTRUCTION DURATION.
- . ALL PROPOSED MANHOLES, MANHOLE COVERS AND FRAMES, CATCH BASINS, AND CATCH BASIN GRATES AND FRAMES SHALL CONFORM TO THE REQUIREMENTS AS SHOWN IN THE CONTRACT PLANS AND DOCUMENTS.
- REMOVAL OF ALL TREES WITHIN THE EXCAVATION LINES SHALL BE PAID FOR BY CLEARING AND GRUBBING.
- . ALL GUIDE RAIL SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS/SUPPLEMENTS, AND STANDARD DETAILS.

WORK RESTRICTIONS:

- 1. DO NOT CLOSE OR OBSTRUCT ROADWAYS, SIDEWALKS, FIRE HYDRANTS, AND UTILITIES WITHOUT APPROPRIATE PERMITS.
- 2. NO WORK WILL BE ALLOWED TO BE PERFORMED ON SUNDAY AND ON ALL TOWN HOLIDAYS WITHOUT TOWN AUTHORIZATION.
- 3. ALL CONSTRUCTION ACTIVITIES, INCLUDING THE LOADING AND UNLOADING OF MATERIALS AND EQUIPMENT, SHALL BE LIMITED TO MONDAY THROUGH FRIDAY FROM 7:00 AM TO 6:00 PM AND SATURDAY FROM 9:00 AM TO 5:00 PM UNLESS OTHERWISE AUTHORIZED BY THE TOWN. TOWN MUST BE NOTIFIED AT LEAST 24-HOURS IN ADVANCE OF ANY WORK ON SATURDAY.

REGULATORY REQUIREMENTS

- 1. WITHIN LOCAL RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS AS SUPPLEMENTED BY THE TECHNICAL SPECIFICATIONS INCLUDED IN THIS CONTRACT.
- 2. WITHIN STATE RIGHTS-OF-WAY, PERFORM THE WORK IN ACCORDANCE WITH THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION'S STANDARD SPECIFICATIONS AND ISSUED REVISIONS/SUPPLEMENTS.
- 3. PROVIDE TRAFFIC SIGNAGE AND PAVEMENT MARKINGS IN CONFORMANCE WITH THE LATEST EDITION OF THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES.
- 4. BE RESPONSIBLE FOR SITE SECURITY AND JOB SAFETY, PERFORM CONSTRUCTION ACTIVITIES IN ACCORDANCE WITH OSHA STANDARDS AND LOCAL REQUIREMENTS.
- 5. DISPOSE OF DEMOLITION DEBRIS IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL REGULATIONS, ORDINANCES AND LOCAL REQUIREMENTS.

EROSION AND SEDIMENT CONTROL

- THE CONTRACTOR SHALL INSTALL SPECIFIED EROSION AND CONTROL DEVICES BEFORE BEGINNING OTHER WORK ON SITE AND MAINTAIN THEM FOR THE DURATION OF THE PROJECT
- CONSTRUCT ALL EROSION AND SEDIMENT CONTROL MEASURES, INCLUDING INLET PROTECTION FOR EXISTING AND PROPOSED CATCH BASINS, IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE MOST RECENT EDITION OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (CT DEEP BULLETIN 34). ALL MEASURES SHALL BE MAINTAINED AND UPGRADED TO ACHIEVE PROPER SEDIMENT CONTROL DURING CONSTRUCTION.
- REFER TO THE DRAWINGS FOR EROSION AND SEDIMENT CONTROL LOCATIONS AND DETAILS.
- 4. IMPLEMENT ALL NECESSARY MEASURES REQUIRED TO CONTROL STORMWATER RUNOFF, DUST, SEDIMENT, AND DEBRIS FROM EXITING THE SITE. PERFORM CORRECTIVE ACTION AS NEEDED FOR EROSION CLEAN-UP AND REPAIRS TO OFF SITE AREAS. IF ANY, AT NO COST TO OWNER.
- EXISTING DRAINAGE STRUCTURES AND PIPES ARE TO BE CLEANED AND FLUSHED WHERE INDICATED ON THE PLANS AND SHALL BE PAID FOR BY "CLEAN EXISTING DRAINAGE SYSTEM".
- 6. INSPECT AND MAINTAIN EROSION CONTROL MEASURES WEEKLY AND AFTER MAJOR RAINFALL EVENTS, DISPOSE OF SEDIMENT IN AN UPLOAD AREA. DO NOT ENCUMBER OTHER DRAINAGE STRUCTURES AND PROTECTED AREAS.
- UPON COMPLETION OF CONSTRUCTION AND ESTABLISHMENT OF PERMANENT GROUND COVER, REMOVE AND DISPOSE OF TEMPORARY EROSION CONTROL MEASURES, CLEAN SEDIMENT AND DEBRIS FROM TEMPORARY MEASURES AND FROM PERMANENT STORM DRAIN AND SANITARY SEWER SYSTEMS.

UTILITIES:

BEGIN PROJECT

N 779029 5461 E 900916.9945

STEELE BROOK GREENWAY MUI TI-USF PATHWAY

1. THE CONTRACTOR SHALL NOTIFY "CALL BEFORE YOU DIG" AT 1-800-922-4455 AND THE TOWN AT LEAST 72 HOURS PRIOR TO EXCAVATING AT ANY LOCATION, EXCLUDING SATURDAYS, SUNDAYS, AND HOLIDAYS. A COPY OF THE CBYD PROJECT REFERENCE NUMBER(S) SHALL BE PROVIDED WHEN COMPLETING THE HIGHWAY PERMIT APPLICATION. EXCAVATION SHALL COMMENCE ONCE A HIGHWAY PERMIT IS RECEIVED BY THE CONTRACTOR.

- 2. LOCATIONS OF EXISTING PIPES, CONDUITS, UTILITIES, FOUNDATIONS AND OTHER UNDERGROUND OBJECTS ARE NOT WARRANTED TO BE CORRECT AND THE CONTRACTOR SHALL HAVE NO CLAIM ON THAT ACCOUNT SHOULD THEY BE OTHER THAN SHOWN.
- TEST PITS TO LOCATE EXISTING UTILITIES MAY BE ORDERED BY THE ENGINEER AND SHALL BE PAID FOR UNDER ITEM "TEST PIT".
- 4. THE CONTRACTOR SHALL TERMINATE EXISTING UTILITIES IN CONFORMANCE WITH LOCAL, STATE AND INDIVIDUAL UTILITY COMPANY STANDARD SPECIFICATIONS AND DETAILS. COORDINATE UTILITY SERVICE DISCONNECTS WITH UTILITY REPRESENTATIVES.
- 5. THE CONTRACTOR SHALL COORDINATE THE WORK AND WORK SCHEDULE WITH UTILITY COMPANIES. PROVIDE ADEQUATE NOTICE TO UTILITIES TO PREVENT DELAYS IN CONSTRUCTION. VALVES AND SERVICE CURB STOPS ARE TO BE OPERATED BY GROTON UTILITY STAFF ONLY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR RESETTING OF FRAMES, GRATES, GATES, VALVE BOXES ETC., WHICH SHALL BE DONE IN ACCORDANCE WITH INDIVIDUAL UTILITY COMPANY REQUIREMENTS.
- 7. RIM ELEVATIONS FOR MANHOLES, VALVE COVERS, GATE AND PULL BOXES, AND OTHER STRUCTURES SHALL BE SET OR RESET FLUSH WITH FINAL GRADES.
- 8. EXISTING STRUCTURES SHALL BE CORED PRIOR TO INSTALLING PIPE.

SURVEY NOTES:

INDEX PLAN - STEELE BROOK GREENWAY

MULTI-USE PATHWAY

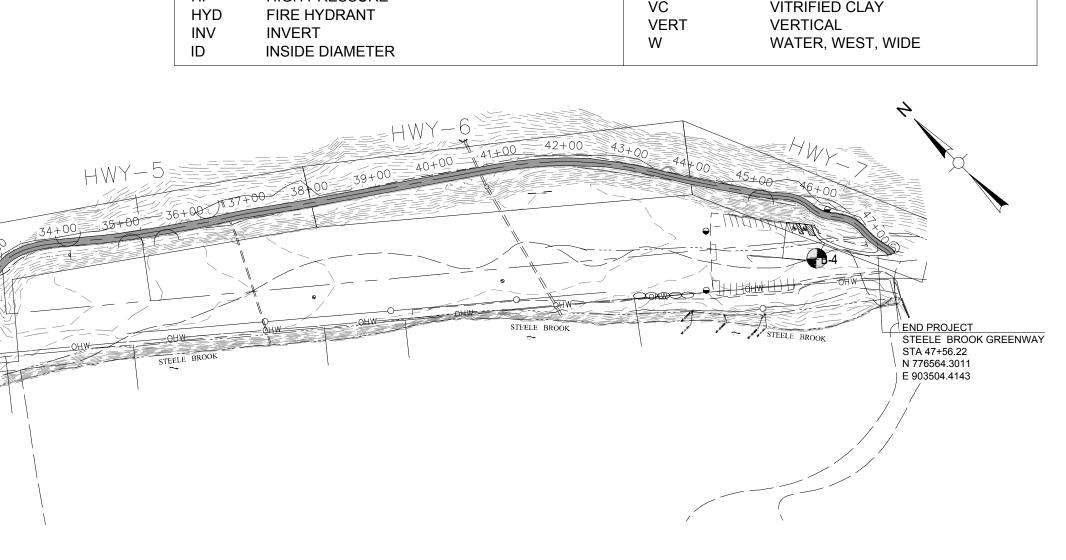
SCALE 1"=150'

- THIS SURVEY (OR MAP) HAS BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AS REVISED ON OCTOBER 26, 2018, AND THE STANDARDS AND SUGGESTED METHODS AND PROCEDURES FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC ON AUGUST 29,
- A. THE TYPE OF SURVEY PERFORMED IS A LIMITED TOPOGRAPHIC SURVEY.
- BOUNDARY DETERMINATION/OPINION WAS NOT MADE. PROPERTY LINES DEPICTED HEREON WERE COMPILE FROM THE TOWN OF WATERTOWN GIS DATA.
- C. THIS SURVEY CONFORMS TO HORIZONTAL ACCURACY CLASS A-2, VERTICAL ACCURACY CLASS V-3, AND TOPOGRAPHIC ACCURACY CLASS
- 2. THE ELEVATIONS DEPICTED HEREON ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM (NAVD88) UTILIZING GNSS SURVEY METHODS ON MAY, 2023.
- THE BEARINGS DEPICTED HEREON ARE BASED UPON THE NORTH AMERICAN DATUM (NAD83) UTILIZING GNSS SURVEY METHODS ON MAY,
- THE SUBJECT PARCEL APPEARS TO LIE WITHIN FLOOD ZONES A, A4, A5, A8, B AND C AS DEPICTED ON FEMA'S FLOOD INSURANCE RATE MAP (FIRM) ENTITLED: TOWN OF WATERTOWN, CONNECTICUT LITCHFIELD COUNTY; PANEL 6 OF 11; COMMUNITY-PANEL NUMBER 090058006B; EFFECTIVE DATE: NOVEMBER 5, 1980; SCALE: 1"=400'. ANY FEMA FLOODPLAIN AND/OR FLOODWAY INFORMATION DEPICTED HEREON IS APPROXIMATE ONLY AND DOES NOT IN ANY WAY CONSTITUTE AN OPINION OR REPRESENTATION OF ACTUAL FLOODPLAIN AND/OR FLOODWAY INFORMATION BY PEREIRA ENGINEERING, LLC (PE). PE DOES NOT WARRANT THE ACCURACY OF THIS INFORMATION, AND MAKES NO REPRESENTATIONS UPON WHICH THE CLIENT SHOULD RELY IN CONNECTION WITH THE FLOOD ZONE OF THE SUBJECT PARCEL OR ANY FEMA FLOODPLAIN AND/OR FLOODWAY INFORMATION DEPICTED HEREON.
- UTILITY INFORMATION DEPICTED HEREON IS APPROXIMATE AND IS BASED ON VISIBLE EVIDENCE OF SURFACE AND OVERHEAD STRUCTURE LOCATIONS AND AS COMPILED FROM EXISTING RECORD MAPPING AVAILABLE DURING THE PREPARATION OF THE SURVEY. ALL CONTRACTORS SHOULD CONTACT "CALL BEFORE YOU DIG" AT 1(800)922-4455 FOR VERIFICATION OF UTILITY INFORMATION PRIOR TO START OF ANY WORK.

			IEND		
DESCRIPTION	EXISTING	PROPOSED	DESCRIPTION	EXISTING	PROPOSED
SANITARY SEWER	_8" PVC SAN.	_8" PVC SAN.	FENCE	X	X
WATER MAIN	W	W	INDIVIDUAL DECIDUOUS TREE	(i)	
STORM DRAIN	——————	=======================================	INDIVIDUAL EVERGREEN TREE		**
ELECTRIC	——E——	—— E——	TREE LINE	~~~~	~~~~
TELEPHONE		—— т——	BUSH	6	
SANITARY SEWER LATERAL		SS	STUMP	6	
WATER SERVICE	—— WS———	WS	SURVEY MARKER		
SANITARY SEWER MANHOLE	(S) SMH	S SMH	PROPERTY LINE		
STORM DRAIN MANHOLE	0	O DMH	EASEMENT LINE		
ELECTRICAL MANHOLE	E	© EMH	SPOT ELEVATIONS	× 100.2	× 101.5
TELEPHONE MANHOLE	①	① TMH	CONTOUR LINES	— — 56 — — —	—— 56 ——
CATCH BASIN			DEPRESSION CONTOUR LINES	-	
HYDRANT	Ţ,	Ä	HOUSE NUMBER	#35	
WATER GATE	0	◇ WG	FLOOR ELEVATION	FL=56.7	
SPRINKLER HEAD	Δ		SILL ELEVATION	S=56.7	
UTILITY POLE	D	0	WETLAND		
GUY POLE	0	0	WETLAND FLAGS	• WF#	
GUY WIRE	>	>	GRASS PAVERS	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	****
OVERHEAD WIRE	——————————————————————————————————————		GUIDE RAIL	© 0 0	MBR
LIGHT POST	, \rightarrow	, Å	POST	0	
EDGE OF PAVEMENT			SIGN	-0-	-0-
EDGE OF UNPAVED ROAD			BENCH MARK	<u> </u>	
SAFETY EDGE			TEST PIT	TP ⊕ 1	₽ TP−1
BERM			BORING	₽ B−1	
SIDEWALK	CONC. WALK	CONC. WALK	DRAINAGE DITCH / SWALE		
BOULDER	↔		MAILBOX		
STONE WALL	00000000	~~~~~~	FENCE	x	
RETAINING WALL	RET WALL	RET WALL			

I FGFND

ABBREVIATIONS									
AC	ASBESTOS CEMENT PIPE	IP	IRON PIPE						
ВС	BITUMINOUS CONCRETE, BOTTOM OF CURB	LF	LINEAR FEET						
BIT	BITUMINOUS	LPS	LOW PRESSURE SEWER						
BLDG	BUILDING	LS	LUMP SUM						
BM	BENCH MARK	MAX	MAXIMUM						
CATV	CABLE TELEVISION	MB	MAIL BOX						
СВ	CATCH BASIN	MECH	MECHANICAL						
CC	CONCRETE CURB	MH	MANHOLE						
CI	CAST IRON	MIN	MINIMUM						
Q.	CENTERLINE	MISC	MISCELLANEOUS						
CMP	CORRUGATED METAL PIPE	N	NORTH						
CONC	CONCRETE	NF	NOT FOUND						
CP	CONTROL POINT	NO OR #	NUMBER						
CU FT	CUBIC FEET	PE	POLYETHYLENE						
CY	CUBIC YARD	P	PROPERTY LINE						
DI	DROP INLET, DUCTILE IRON	PVC	POLYVINYL CHLORIDE						
DIA	DIAMETER	PR	PROPOSED						
DIA DMH	DRAIN MANHOLE	PVMT	PAVEMENT						
E	ELECTRIC, EAST	RCP	REINFORCED CONCRETE PIPE						
EA	EACH	ROW	RIGHT-OF-WAY						
EL	ELEVATION	S	SEWER, SOUTH						
EOP		SF	SQUARE FEET						
	EDGE OF PAVEMENT	SPEC	SPECIFICATIONS						
EW	EACH WAY	SQ FT	SQUARE FEET						
EX	EXISTING	SS	SEWER SERVICE						
FT	FEET, FOOT	STA	STATION						
G GALV	NATURAL GAS	SW	SIDEWALK						
GALV	GALVANIZED	Т	TELEPHONE						
GC	GRANITE CURB	TBM	TEMPORARY BENCH MARK						
H	HIGH	TC	TOP OF CURB						
HC	HOUSE CONNECTION	TYP	TYPICAL						
HDPE	HIGH DENSITY POLYETHYLENE	UNO	UNLESS NOTED OTHERWISE						
HORZ	HORIZONTAL	UP	UTILITY POLE						
HP	HIGH PRESSURE	VC	VITRIFIED CLAY						
HYD INV	FIRE HYDRANT INVERT	VERT	VERTICAL						



PROJECT NO. 153-125

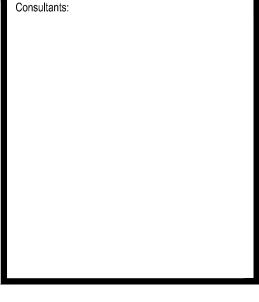
STEELE BROOK GREENWAY

TOWN OF WATERTOWN, CT

Weston & Sampson Engineers, Inc.

712 Brook Street, Suite 103 Rocky Hill, CT 06067 978.532.1900

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Drawn By: DK Reviewed By: KAC Approved By: MJJ

W&S Project No.: W&S File No.: PROJFILENO

Drawing Title:

INDEX PLAN, LEGEND, AND **GENERAL NOTES**

Sheet Number:

SEDIMENTATION AND EROSION CONTROL PLAN

THIS PLAN PROPOSES EROSION CONTROL MEASURES TO ADEQUATELY CONTROL ACCELERATED EROSION AND SEDIMENTATION AND REDUCE THE DANGER FROM STORM WATER RUNOFF AT THE SITE. THE RUNOFF SHALL BE CONTROLLED BY THE INTERCEPTION, DIVERSION, AND SAFE DISPOSAL OF PRECIPITATION. RUNOFF SHALL ALSO BE CONTROLLED BY STAGING CONSTRUCTION ACTIVITY AND PRESERVING NATURAL VEGETATION WHENEVER POSSIBLE.

EXISTING VEGETATION SHALL BE PROTECTED AND ONLY THAT CLEARING AND GRUBBING ABSOLUTELY NECESSARY FOR THE PROPOSED CONSTRUCTION SHALL BE PERFORMED. ALL DISTURBED AREAS SHALL BE RESTORED TO THEIR ORIGINAL CONDITION AND CONTOUR, UNLESS OTHERWISE INDICATED ON THE PLANS. THE CONTRACTOR SHALL TAKE SPECIAL CARE WITH HIS CONSTRUCTION METHODS AND SHALL COMPLY WITH THE FOLLOWING GUIDELINES.

REFERENCE IS MADE TO THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002), AS AMENDED. THE GUIDELINES ARE OBTAINABLE ONLINE FROM THE CONNECTIOUT DÉPARTMENT OF ENVIRONMENTAL PROTECTION AT WWW.CT.GOV/DEEP AND SHOULD BE USED AS A REFERENCE IN CONSTRUCTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS.

SEDIMENTATION CONTROL

ALL AREAS SHALL BE PROTECTED FROM SEDIMENTATION DURING AND AFTER CONSTRUCTION, PARTICULARLY THE STORAGE OF EXCAVATED OR STOCKPILED MATERIAL. THE CONTRACTOR SHALL CAREFULLY STRIP ALL TOPSOIL, LOAM, OR ORGANIC MATTER PRIOR TO TRENCHING OR OTHER OPERATIONS AND SHALL STORE THEM SEPARATELY FROM ALL OTHER MATERIALS DURING EXCAVATION. EACH STOCKPILE MUST BE ADEQUATELY RINGED WITH SEDIMENT CONTROL MATERIAL (I.E. SILT FENCE).

STABILIZING OF SLOPES SHALL BE DONE IMMEDIATELY AFTER CONSTRUCTION OF SLOPES. SLOPES THAT ARE STEEPER THAN 2:1 SHALL BE PROTECTED WITH EROSION CONTROL MATTING TYPE H. ALL OTHER AREAS SHALL BE MULCHED WITH HAY OR STRAW AS REQUIRED.

EROSION AND SEDIMENTATION CONTROL PLAN

SEDIMENTATION CONTROL SYSTEM - THE SEDIMENTATION CONTROL SYSTEM SHALL CONSIST OF SILT FENCE.

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

RIPRAP - RIPRAP, IF REQUIRED OR SPECIFIED, IS TO BE INSTALLED AS ENERGY, DISSIPATION STRUCTURES. THE RIPRAP IS TO BE INSTALLED BEFORE OUTLET STRUCTURES ARE ACTIVATED, AND ALL ADJACENT AREAS ARE TO BE IMMEDIATELY SEEDED IF IN SEASON OTHERWISE THE SOIL IS TO BE STABILIZED BY OTHER METHODS.

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

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

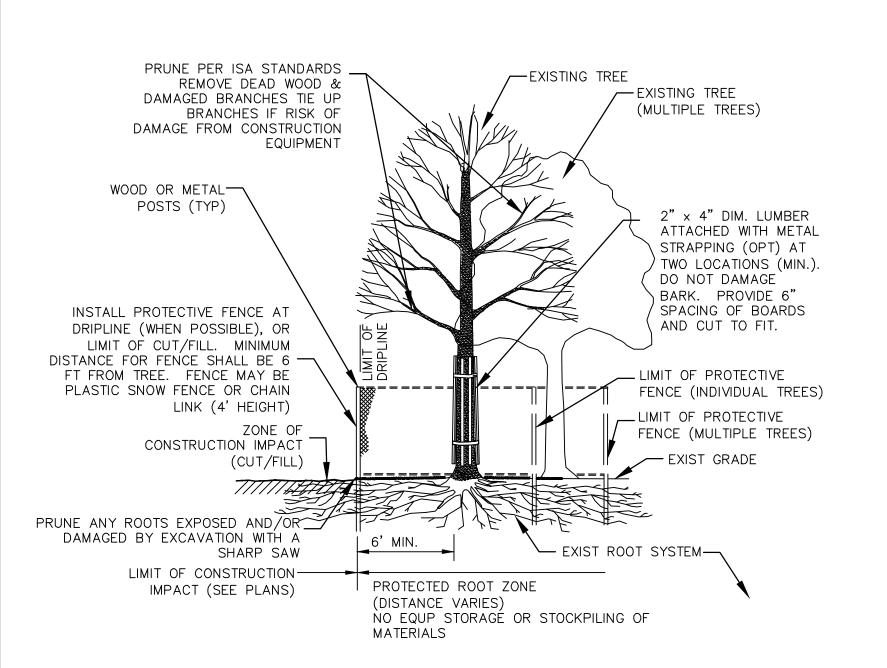
SEDIMENTATION AND EROSION CONTROL MAINTENANCE PROCEDURES

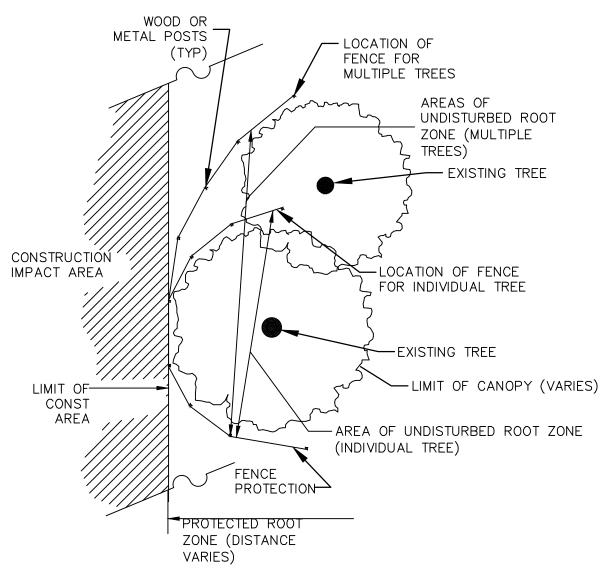
ALL SEDIMENTATION AND EROSION CONTROL DEVICES SHALL BE INSPECTED DURING CONSTRUCTION ON A WEEKLY BASIS, AND FOLLOWING ALL STORMS, BY THE RESIDENT ENGINEER. THE CONTRACTOR SHALL MAINTAIN AND MAKE REPAIRS AND REMOVE SEDIMENT AS REQUESTED BY THE RESIDENT ENGINEER. THIS WORK SHALL BE PERFORMED WITHIN 24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

THE CONTRACTOR SHALL PROVIDE ROUTINE SWEEPING OF ALL PAVED SURFACES SUBJECT TO SEDIMENT ACCUMULATION DURING CONSTRUCTION ACTIVITIES.

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

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





TYPICAL CONSTRUCTION SEQUENCE

PRIOR TO COMMENCEMENT OF WORK, EROSION AND SEDIMENT CONTROL STRUCTURES SHALL BE INSTALLED. A TYPICAL SEQUENCE OF CONSTRUCTION IS:

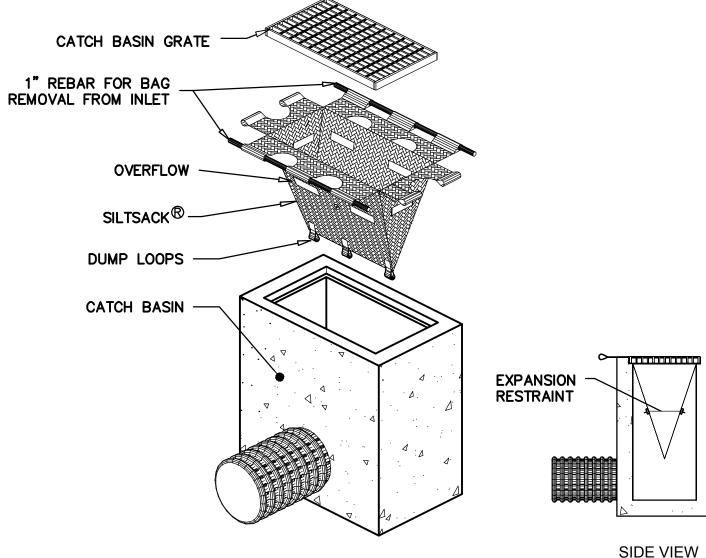
1. OBTAIN APPROPRIATE PERMITS, NOTIFY TOWN OFFICIALS OF CONSTRUCTION COMMENCEMENT. AND SUBMIT CONSTRUCTION TIMETABLE.

2. ON-SITE CONSTRUCTION SEQUENCE SHALL START WITH THE MINIMUM AMOUNT OF CLEARING REQUIRED TO INSTALL EROSION CONTROL MEASURES AS SHOWN ON PLAN. THIS INCLUDES SILTATION FENCING, SILT CURTAIN, AND OTHER MEASURES NOTED ON THE PLAN. NO WORK SHALL TAKE PLACE UNTIL THE ENGINEER AND WETLAND ENFORCEMENT OFFICER HAVE INSPECTED AND APPROVED INSTALLED MEASURES.

DURING CONSTRUCTION ALL EROSION AND SEDIMENT STRUCTURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. DISTURBED AREAS SHALL BE KEPT TO A MINIMUM AND SHALL ONLY TAKE PLACE WHERE IMMEDIATELY REQUIRED TO FURTHER CONSTRUCTION. IT IS DESIRABLE FROM AN EROSION PREVENTION CONCERN TO MINIMIZE DISTURBED AREAS. FINAL GRADING AND SEEDING SHALL TAKE PLACE AS SOON AS PRACTICAL.

A RAIN GAUGE SHALL BE PLACED AT THE PROJECT SITE IN A WORKABLE LOCATION AND MONITORED DURING RAINFALL PERIODS UNTIL ALL DISTURBED AREAS ARE STABILIZED. IN THE EVENT THERE IS A RAINFALL GREATER THAN 1/2" IN A 12 HOUR PERIOD, ALL EROSION CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS REQUIRED. IF NO RAIN GAUGE IS USED, ALL EROSION CONTROL MEASURES SHALL BE CHECKED AFTER ALL RAINFALL EVENTS.

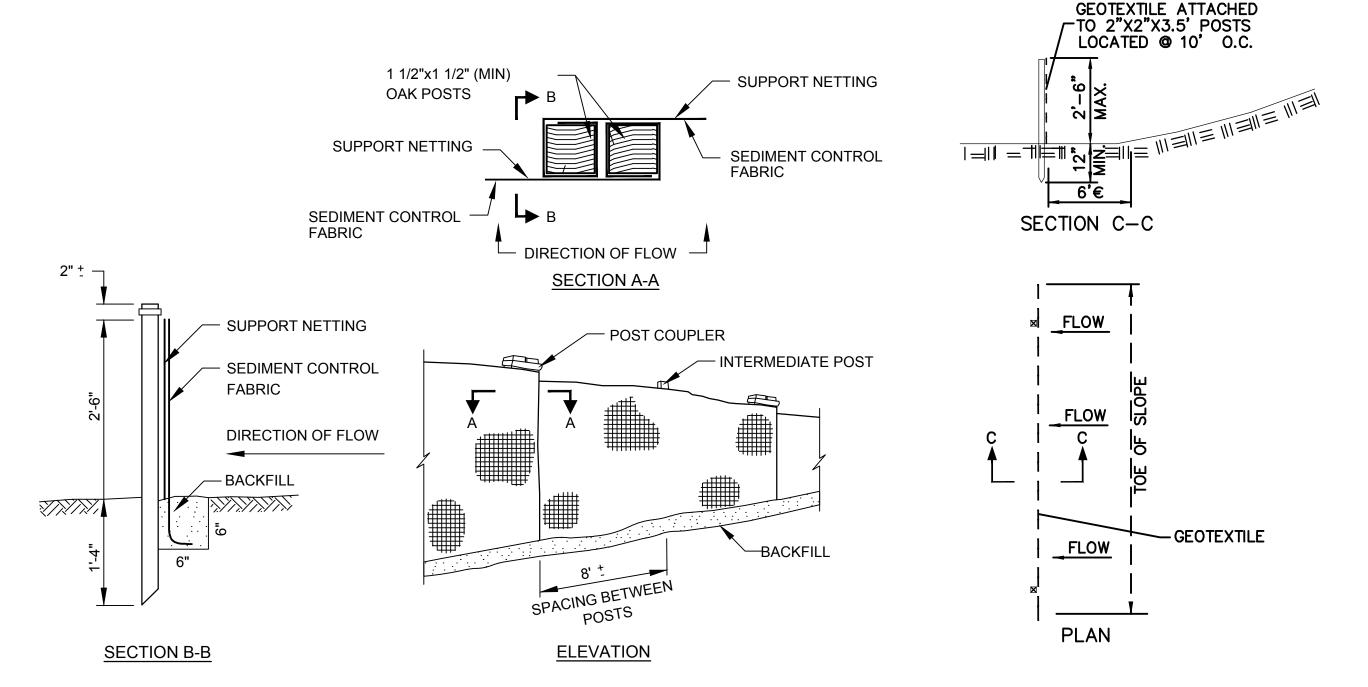
A CHECK LIST PROVIDED BY THE ENGINEER SHALL BE FILLED OUT EVERY WEEK OR AFTER EACH RAINFALL EVENT OF 1/2" OR GREATER.



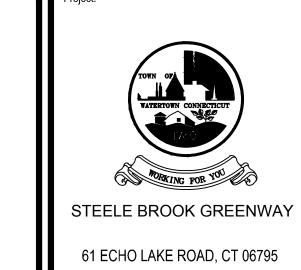
PROVIDE HI-FLOW SILT SACK TYPE A FOR TYPE "C-L" CATCH BASIN TOPS AND TYPE B WITH CURB DEFLECTOR FOR TYPE "C" CATCH BASIN TOPS OR OTHER STRUCTURES WITH CURB INLET.

CATCH BASIN INLET PROTECTION

N.T.S.



SEDIMENTATION AND EROSION CONTROL DETAIL (SILT FENCE)



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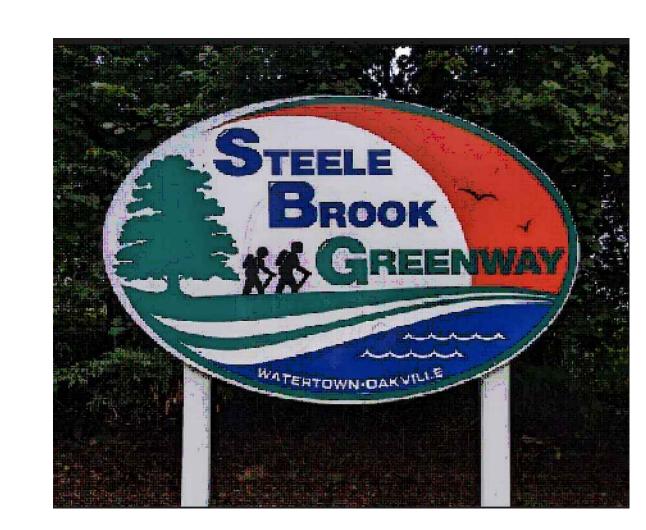
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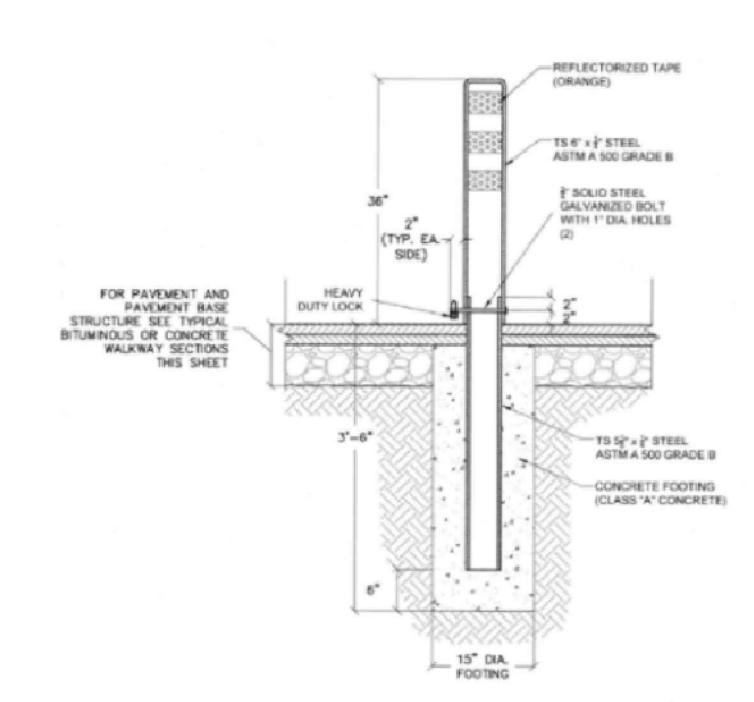
SEDIMENTATION AND **EROSION CONTROL DETAILS**





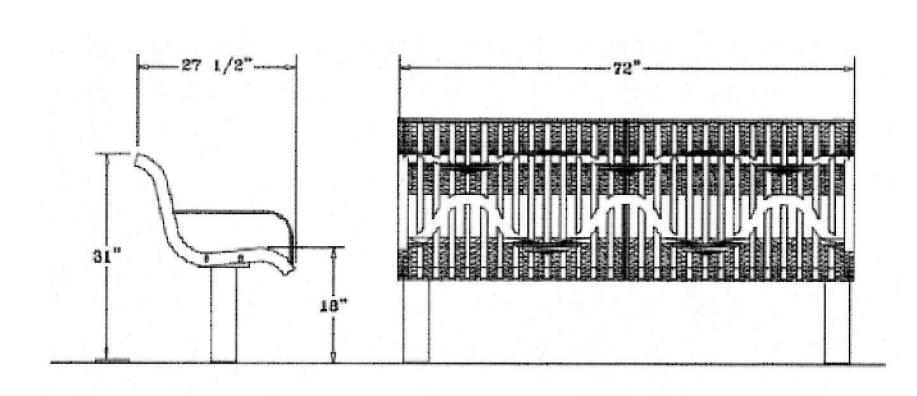
STEELE BROOK GREENWAY GATEWAY SIGNAGE NOT TO SCALE





REMOVABLE BARRIER POST NOT TO SCALE





6-FT CLASSIC WINGLINE STYLE BENCH NOT TO SCALE

STEELE BROOK GREENWAY 61 ECHO LAKE ROAD, CT 06795 Weston & Sampson™

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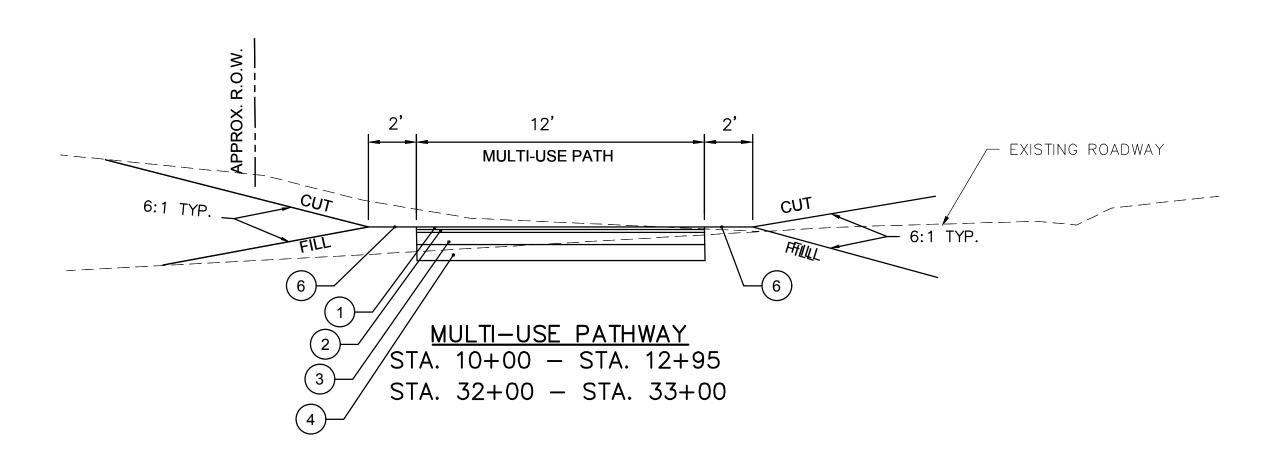
Drawn By: DK

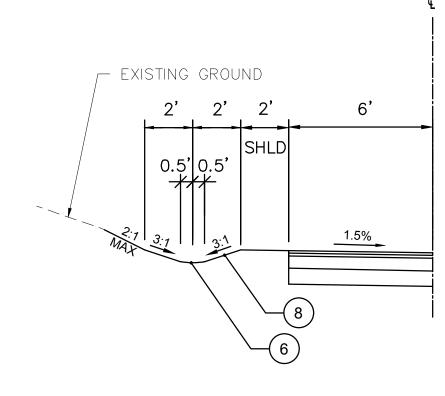
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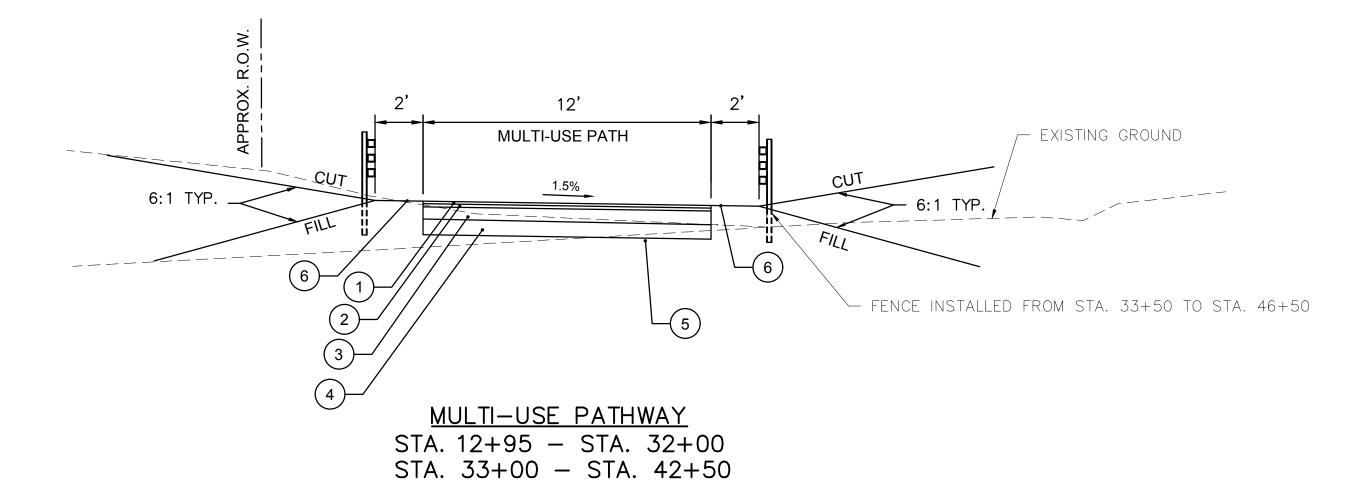
STEELE BROOK GREENWAY MISC. **DETAILS**

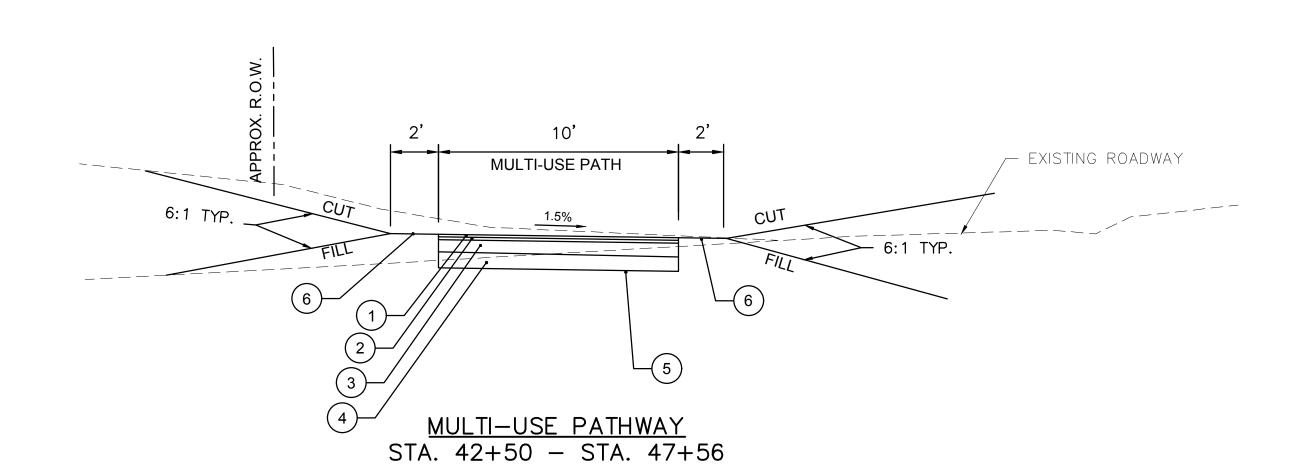
DET-02





TYPICAL DRAINAGE SWALE
STA. 15+00 - STA. 18+00





TYPICAL SECTIONS
SCALE: 1"=4"



1) 1.25" HMA S0.25 (TRAFFIC LEVEL 1)

(2) 1.5" HMA S0.375 (TRAFFIC LEVEL 1)

(3) 6" PROCESSED AGGREGATE BASE

4 8" GRAVEL SUBBASE

(5) COMPACTED SUBGRADE

(6) 4" TOPSOIL AND TURF ESTABLISHMENT LAWN

7 EXISTING ROADWAY

8 EROSION CONTROL MATTING

NOTES:

- 1. ALL CUT OR FILL SLOPES TO BE 2:1 MAX, UNLESS OTHERWISE NOTED ON THE CROSS SECTIONS OR APPROVED BY THE ENGINEER
- 2. CONTRACTOR TO TRANSITION CROSS SLOPE OF MULTI-USE PATHWAY AS NEEDED BETWEEN THE SPECIFIED STATION RANGES

PROJECT NO. 153-125

TOWN OF WATERTOWN CONNECTICUT

1780

1780

STEELE BROOK GREENWAY

TOWN OF WATERTOWN, CT

Weston & Sampson

Weston & Sampson Engineers, Inc.
712 Brook Street, Suite 103
Rocky Hill, CT 06067
978.532.1900
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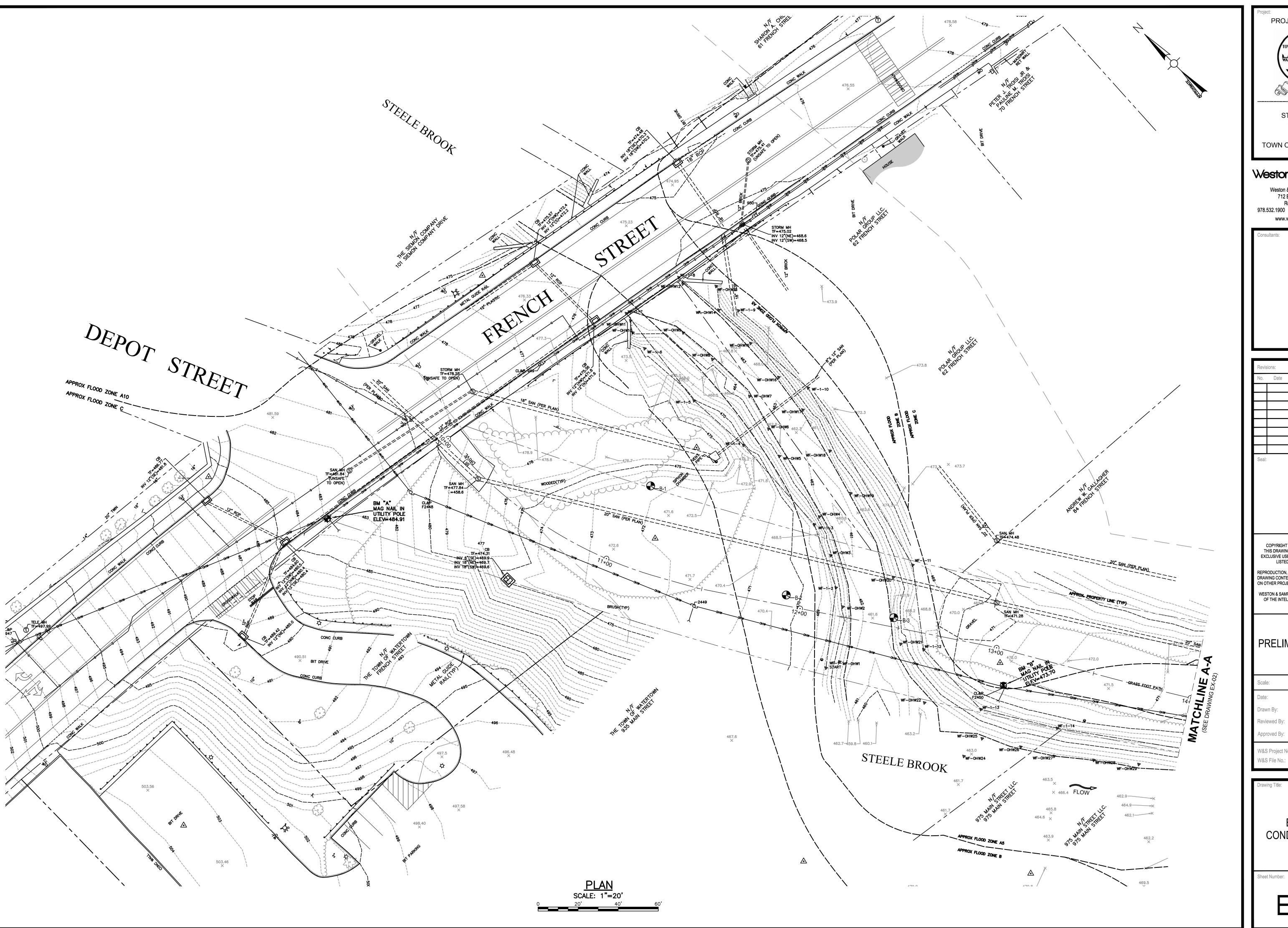
W&S Project No.:
W&S File No.: PROJFILENO

Drawing Title

MULTI-USE PATHWAY
TYPICAL SECTIONS

Sheet Number:

DET-03



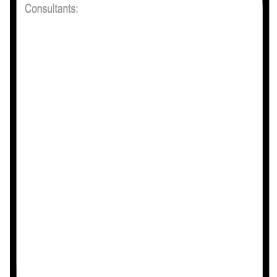
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STEELE BROOK GREENWAY

TOWN OF WATERTOWN, CT

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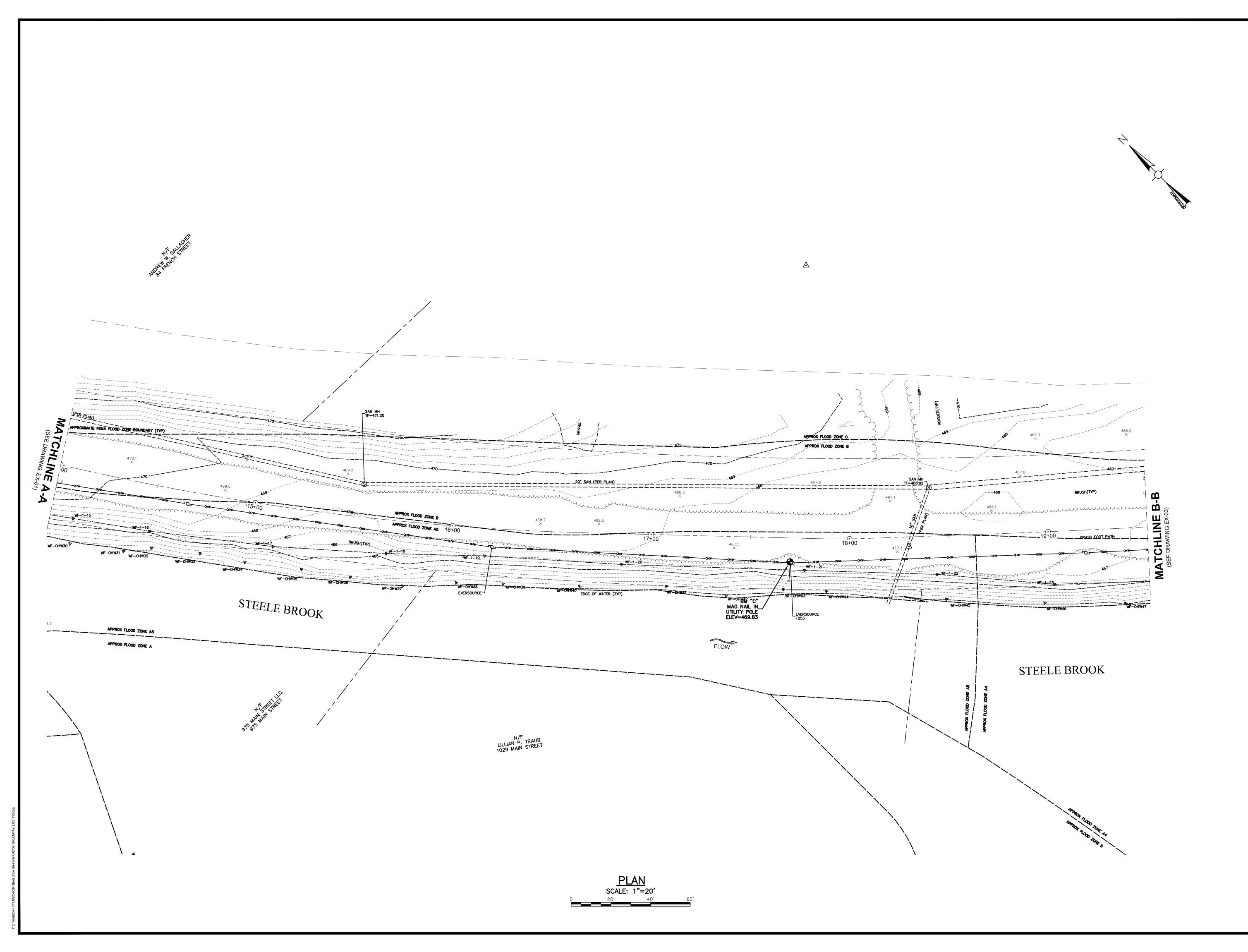
PRELIMINARY DESIGN

Drawn By: DK

Approved By: MJJ W&S Project No.:

EXISTING CONDITIONS PLAN

Sheet Number:





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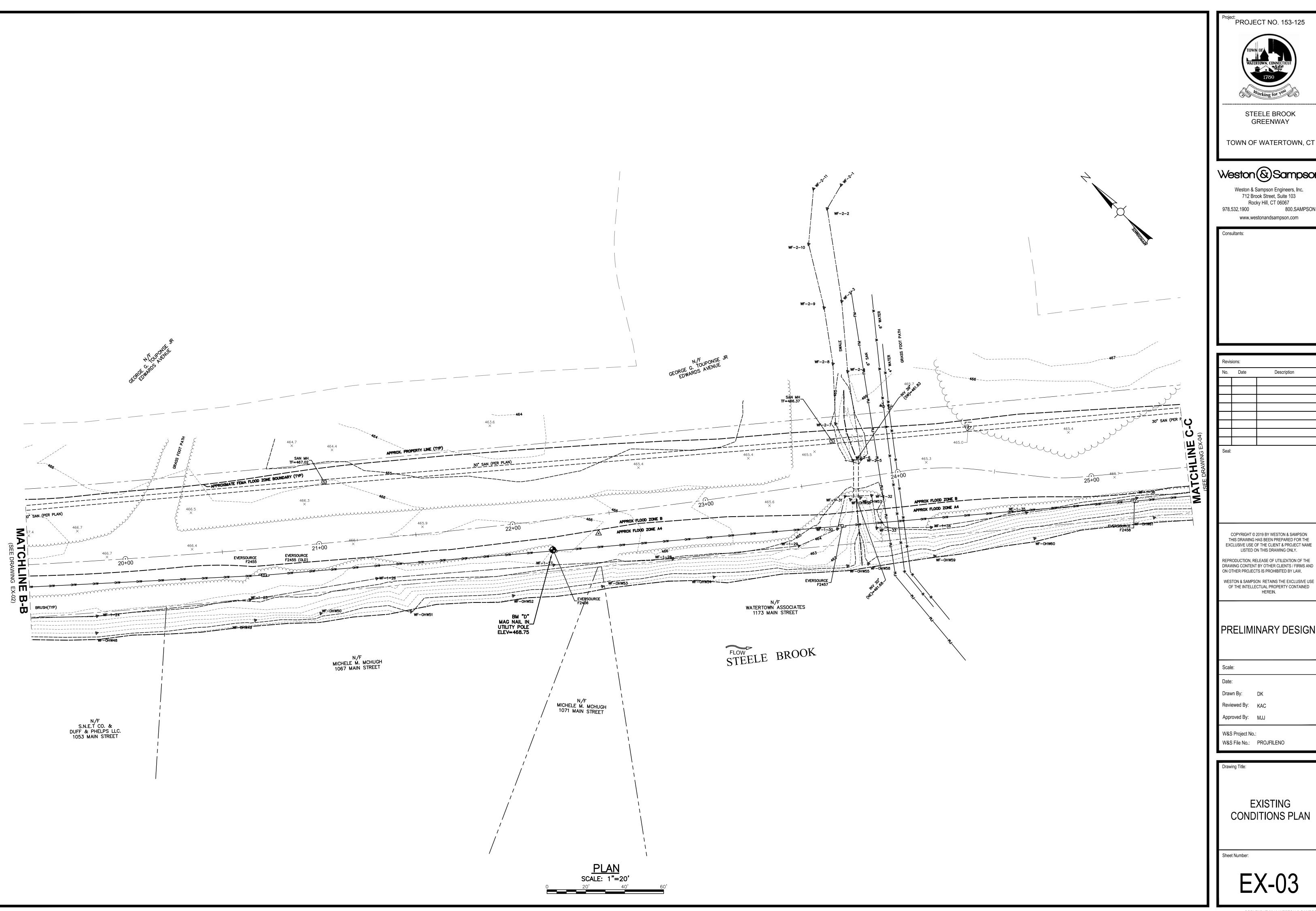
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W&S File No.: PROJFILENO

Drawing Title:

EXISTING CONDITIONS PLAN

Sheet Number:

EX-02





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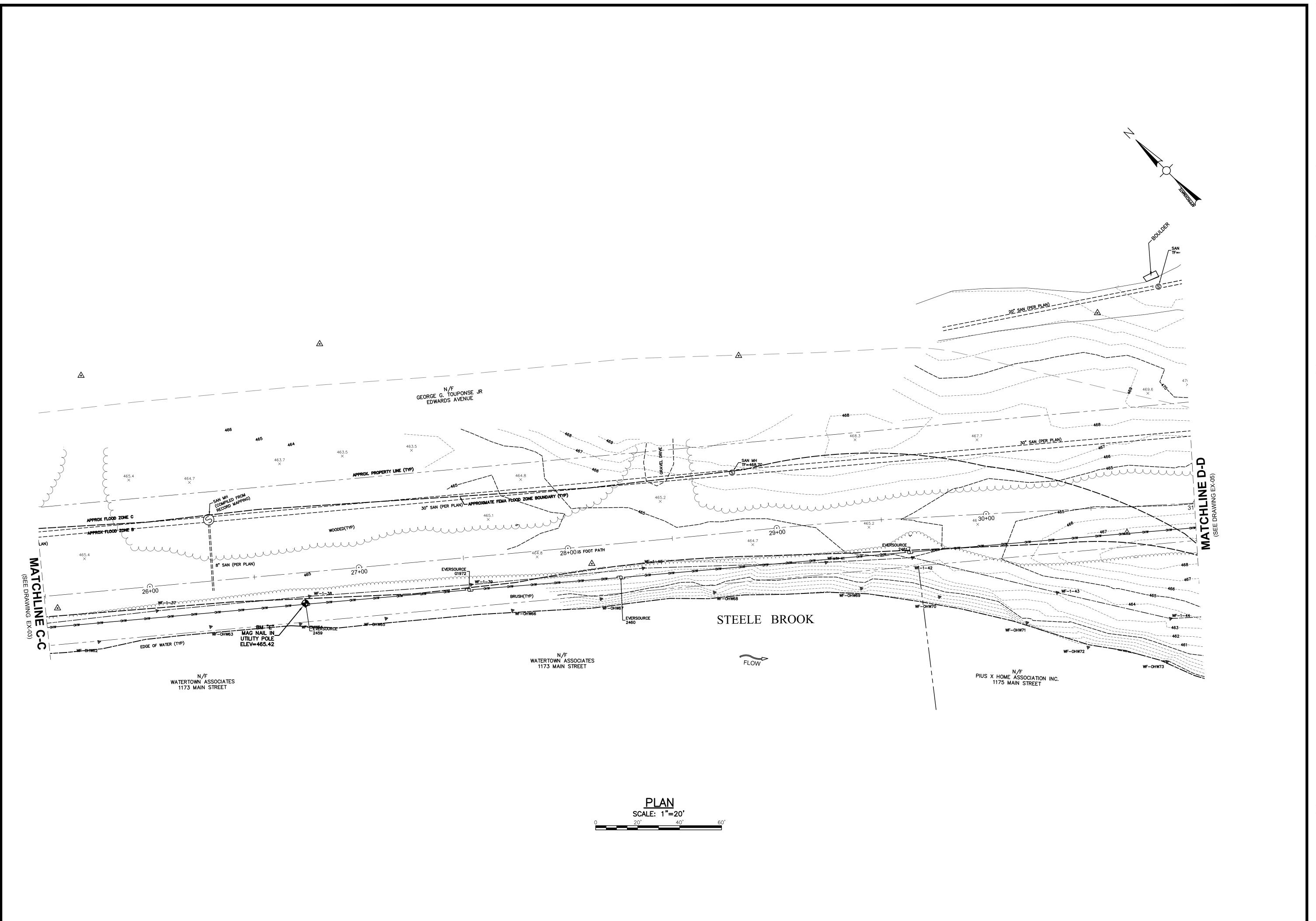
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EXISTING CONDITIONS PLAN

Sheet Number:

EX-03



PROJECT NO. 153-125

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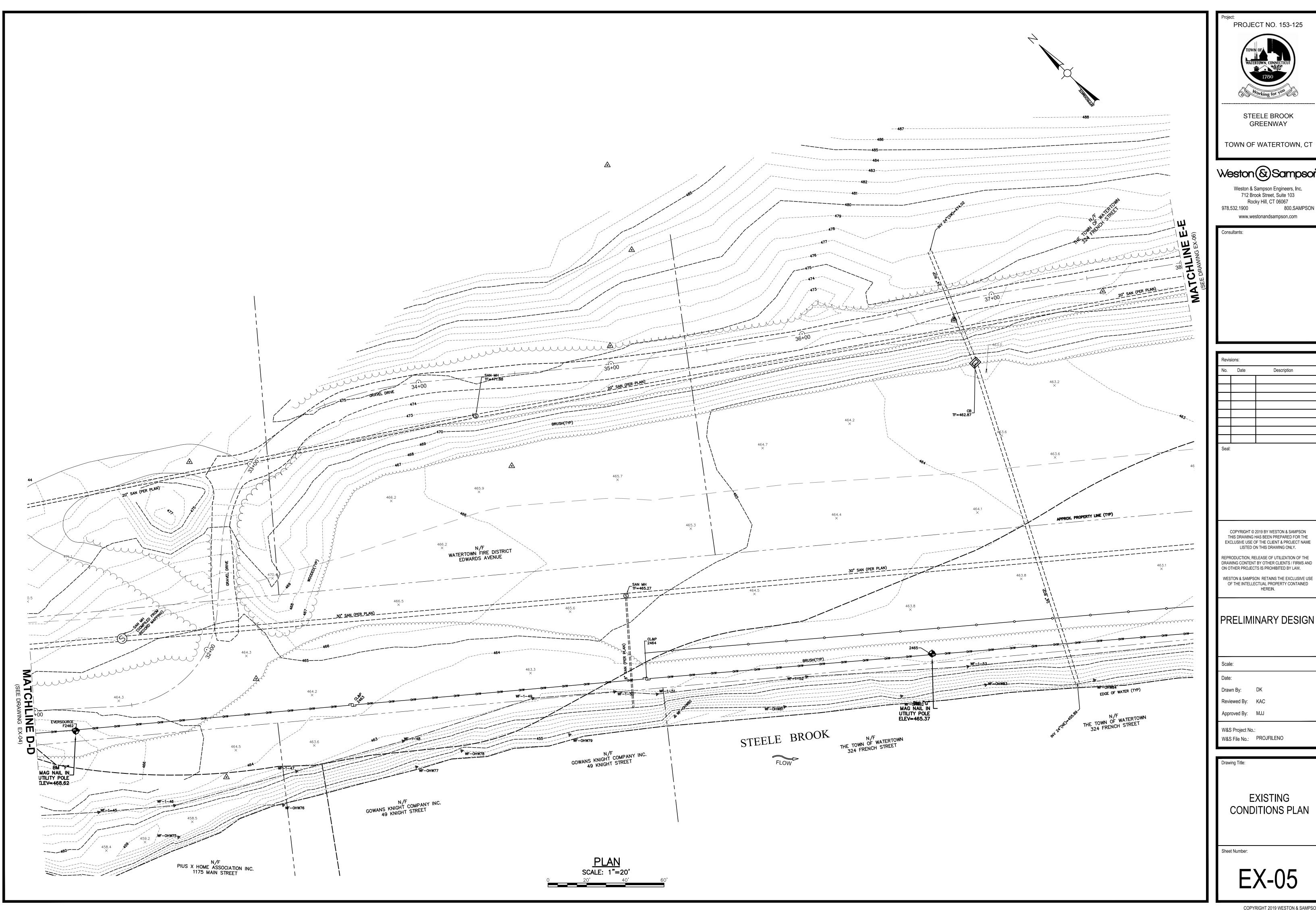
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Drawing Title:

EXISTING CONDITIONS PLAN

Sheet Number:

FX-04



PROJECT NO. 153-125

STEELE BROOK **GREENWAY**

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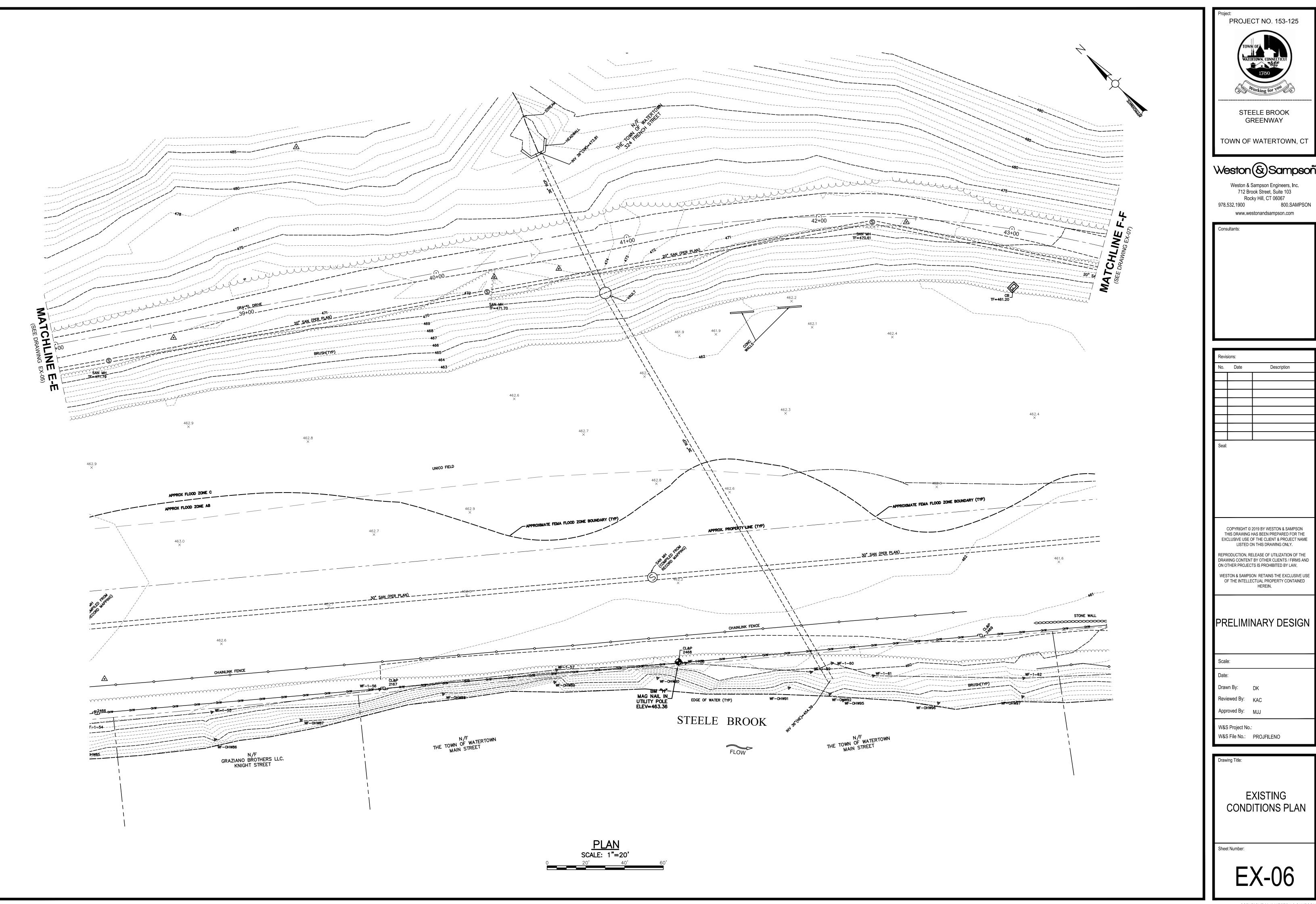
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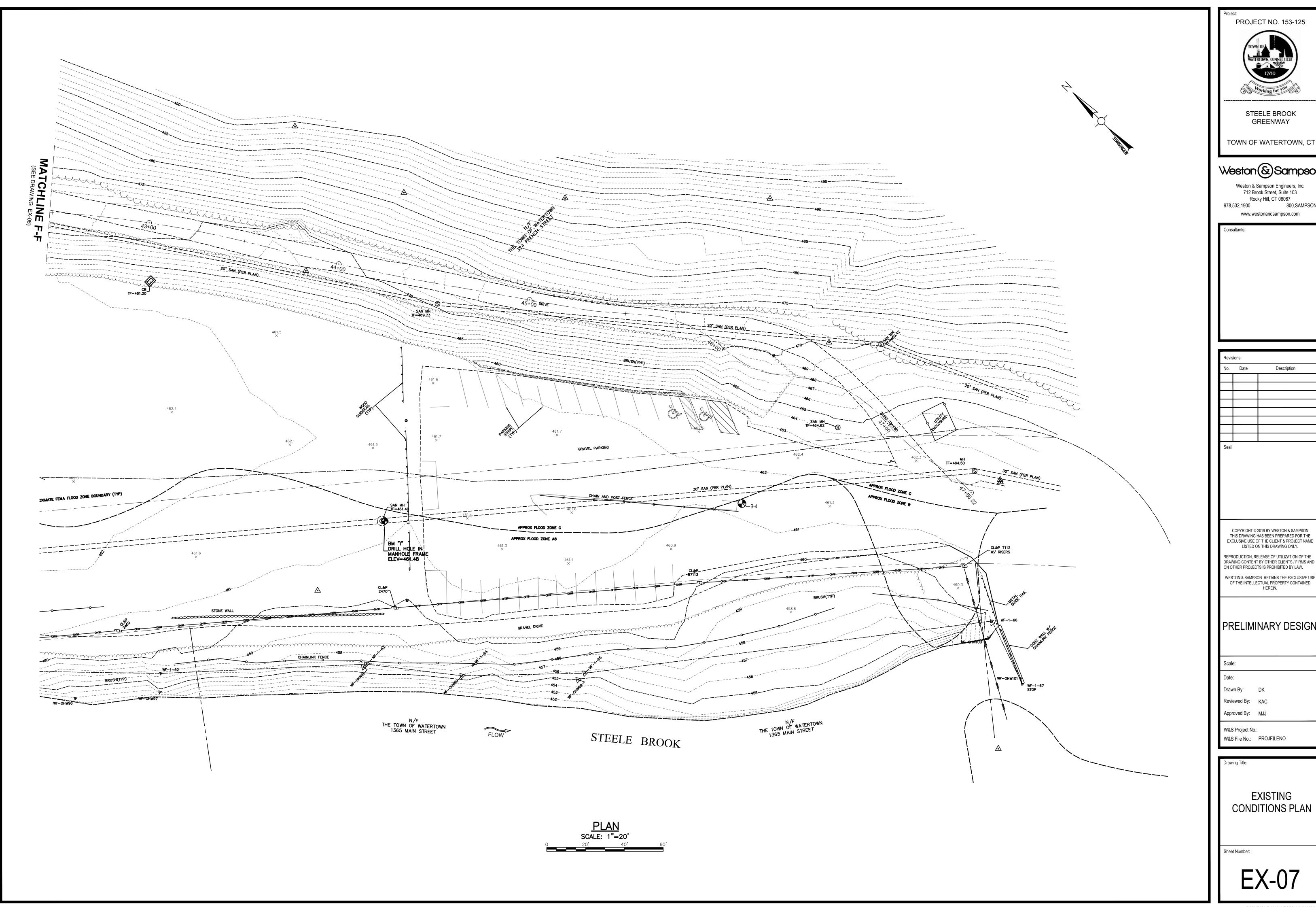
EXISTING CONDITIONS PLAN

EX-05



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W&S File No.: PROJFILENO

EXISTING CONDITIONS PLAN

EX-07

Dril	ing Co ler iged B		,	Associated	J. Liloret R. Janeiro	any, Inc.		Boring Lo Ground S Date Sta	Surface El.	Not Avail 8/18/20	lable	Boring Local Datum Date End	Not a	Available 8/18/2023
45.64	тю" Тур	61		Down	hammer driven by ca	Mhead with 3	0 inch desp			Groun	Smaler Reach	nes direc	n ground su	rlace)
	pher Size			THE CONTRACTOR OF THE PARTY OF	1-36° LD. S				Date	Time	Dropth (It)	Elav .		Stabilization Time
	Drill Rig				Truck Mounts	ed CNE.55			6/16/23	-	8	-		Wet Sample
Printer Dr. III	ng Metho	od?			3.25-inch L.O. Mai b	ne-Stem Aug	pro.							
	Casing			MPLE INFO				SAMPLE DESCRIPTION						STRATA
T N	Blows. (II)	Type & Ho.	(inches)	(SEPSH)	BLOWS PER: B INCHES	Sara Your Indo-/10								
1		8-1	5/12	1 to 2	7-50/6*		Very dens	e, dark brow	n, fine to coa	rse SAND, li	ttle fine to o	oarse Gravell	little Sit	FILL (with cobbles and
4		S-2	5/24	3 to 5	7-8-1-2		Loose, dar	k brown, fine		AND, little Sil Organics	lt, little fine t	o coarse Grav	rell, trace	posable boulders,
5		S-3	9/24	5 to 7	1-2-6-12				arik brown, Sil	LT, some fin		e Organics, w		ALLUVIUM
7								,,			7-11-5-11-11-11-11-11-11-11-11-11-11-11-1	GRAVEL, tra		GRAVELLY SAND
8		8-4	10/12	7 to 8	27-50/6*				CONTRACTOR OF STREET	PERSONAL DESIGNATION OF THE PERSON OF	alternation described and a second	NO SURFACI	2-875 ED-1070 F-500	-
10		_					Sec.13	D C LN L	AND SOME THE PARTY AND ADDRESS.	OF SELECT LINES	LLOSS SUBSCIE	THE SHAPE	_	
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		- Wery II. 10 - Los			z - Very Sott to 4 - Soft		10 to 20% 2	ST demotes	Sinch O.D. und	disturbed sam	ple	7. WH denote 9. WR denote		
111	to 50 -	Medium	n Dense	S to 8	- Medium Stiff	Some =	20 to 35% 3	. UO denotes	3-Inch Osterbe	rg undisturbed	d sample.	9. PP denote	s Pocket Pe	netrometer.
ĺ	91 lis Ower 90	50 - De - Very			to 15 - SHF 30 - Very SHF	And = 5			i penetration le s recovered len					ana shear lest. Wality Designation.
-		85190			er 30 - Hand				Standard Pen			12: IC denote		

BORING LOG B-1

Boring Co. Driller			J. Lloret									See Boring Location Plan			
										Not Available					Available
.og	iged B	γ			M. Felkleta			Date Sta	т.	8/15/20	23	Date	End	{	1/15/2023
la m	mer Typ-	6 .		Dom:1	harmmer driven by cell	head with 3	0 insituteop		1	Ground	Invetor Press	lings	(firent	ground su	rfesa)
	pher State				1-3/6" I.D. Sgrit Spoon		Bernel		Chato	Time	Depth (1	D	Elev.		Stabilization Time
	Drill Rig ng Matho				Truck Mountee 3.25-inch I.D. Holler		202		8/15/23	- 14	T	-			Wet Sample
20	SQL PHIRM IS	791	441.411			e-seen rug	erra.		TO THE PARTY OF TH						
制的	Casting		SAI	WIPILE INFOR	NOITAMS		SAMPLE DESCRIPTION						STRATA		
F M	Kinnes (TI)	Type-	Affective destroy	GEPTH (THIS)	BLOWS PER 9 MOHES	Care Time (min/fit)									
1															
2:		Sa1	9/24	1 to 3	4-24-25-20		Diense, da	rk brown, fine	to coarse 37	A CONTRACTOR OF THE PROPERTY O		e Grav	of, little S	ilt, trace	FILL
3.									Brick,	trace Concr	ele				/with cobbles and
4		9-2	4/24	3 to 5	17-24-24-22		Dense, da	irk browning ray	, fine to coam	90 SAND, 90	ıma fina to	coars	e Gravell,	little Silt	possible boulders,
5		0.0	0.004	F-1-19	7440400	-								.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	-
6 7	-	8-3	8/24	5 to 7	7-14-21-20	\vdash	Dense,	dark brown t	o brown, fine	to coarse SA	AND, fille:	SH, Wa	ica fina G	ravel	
8		8-4	11/24	7 to 9	53-44-43-39										†
9		J.4	1.104/19	1 003	33-4-4-2-33		Very dens	e, brown, fine	to coarse SA	UNID and fine	to coarse	GRAN	EL, little	Silt, wet	
10															1
17		8-5	12/24	10 to 12	20-22-12-8		Decer	s booses firms	to coarse SA	MD and fine	In course	CDAN	El frace	CH	GRAVELLY SAND
12							Devino	o, or own, time	no copiec an	NO and mie	in codisc	NO LOUIS	CL, save	OH.	
13															
14						-									
15		S-6-	2/2	15 to 15.2	50/2"	+ +									
17	\vdash	3-40-	2/2	15 90 15.2	50/2	+ +		Very de	inse, gray, de	composed S	CHIST fra	gment	8		
18															WEATHERED RO
19															
20															
21		C-1	39/60	20 to 25		3:									
22						5	Fair Qualit	y, Moderately	Hard, Highly	Weathered,	light gray	fine t	o poanse	prained.	BEDROCK
24						6			rg 0 to 45deg						
25						6									
26		\vdash				-	EN	D OF EXPLO	RATION AT 2	25 FEET BEI	LOW GRO	UND	SURFACI	E	
27															
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rw!	SPT	N-Valu	es	SPT	N-Values	Prom	ortions.				SYMBO	XL KE	Υ		
	0 to 4 -	Wery Li	0056		- Very Soft	4		. B denotes ap	fil-barrell sampi	ear.		7.N	YIH demote	a weight of	
W 1		10 - Lao	S9 Dense		g 4 - Soft, Medium Stiff	100000000000000000000000000000000000000			-inch O.D. und Sinch Osterber	out with the control of the state of the	5 T T T T T T T T T T T T T T T T T T T			s weight of Pocket Per	
-11					15 • Stiff				penetration les	-					nemorneser. and ahear lest.
	31 to 50 - Dense Over 50 - Very Dense						recovered lens	Carlotte Control of the Control of t		4.4	ESCRIDE de co	ites Rock Q	uality Designation.		

BORING LOG B-3

Boring Co Driller Logged By			Associated	J. Lloret M. Fekleta	iny, Inc.		Boring Loc Ground Su Date Start		Not Avail 8/14/20	able	Boring Loc Datum Date End	Not A	Wailable //14/2023
la nemor			Depend	hammer driven by ca	through unlike	DN look door			Gran case	Santon Devel	De true Mari	e par money can di a voc	fares)
sampior Sampior		39		1-3/6" LD. Spill Spoor				Date	Ting	Be atter Read Depth (t		om ground sur	Stabilization Time
ivon Drill		:: <u>-</u>		Truck Mounte		M 80 1 501		8/14/23	1.1100	6	See Fig. 12.		Wet Sample
Inling V		35		3.25-inch UD. Hallo		gen.		100 1 100 100		1 -			A Part Manterpress
E E	114	*9	AMPLE INFO	FORMATION SAMPLE DESCRIPTION					STRATA				
T Be	inet: To	ge RECPS Ha. (inches	111111111111111111111111111111111111111	BLOWS PER 6 HOHES	Gare Time (min./ft)								
2	S	-1 4/24	1 to 3	6-11-3-6		Mortium Honso	riig risi Bermann	fina to en	oroo SAMD o	and fine to	verse CRAV	El little Sit	FILL
4	8	-2 0/24	3 to 5	4-4-4-3			Medium dense, dark brown, fine to coarse SAND and fine to coarse GRAVEL, little Sit. Loose, No Recovery				MARKET MILLION SWITTER	(with cabbles and possible boulders	
5 6	s	-3 10/24	5 to 7	1-2-11-46		Medium dense,	brown, fine				irse Gravell f	ttle Silt. with	Savigiu esculuse.
7 8		-4 2/6	7 to 7.5	55/6*			3 9	wood frag	gment at the	tip, wet	coarse Sand.		ALLUVIUM
9	-	20	7 (0 1.3)	2016		The Jack Horse,	i sersem iş imce	706 37000 3700	Section 2 to 2 persons 1000	TIME IN THE SOR	transcription between the	THE SET	
10	8	-5 14/18	10 to 11.5	8-41-50/6"		Very dense	, brown, fine	e to coarse	SAND and f	ine to coan	se GRAVEL,	little Silt	
12 13	_												
14 15													GRAVELLY SAM
16	S	-6 12/24	15 to 17	9-14-8-28		Medium dens	se, brown, fir	ne to ocars	e SAND, sor	me filme to c	carse Gravet	, trace Silt	
18	+												
20 21	8	-7 0/1	20 to 20, 1	50/11				Very de	ınse, No Rec	avery			
22 23													
24 25													WEATHERED RO
28 27	S	-8 0/0	25	50/0*				Very de	mse, No Rec	OVERY			anling spois)
28 29	+	+											
3O 31	s	-9 WO	30	50/0*	4.5-			Very de	mse, No Rec	overy			
32	С	-1 60/60	30 to 35		4.5								pendove
33 34					4	Fair Quality, Mos SCHIST					sy, fina to cas QD=37/80=6:		BEDROCK
35 36					4	END 0	F EXPLOR	ATION AT	35 FEET BE	LOW GRO	UND SURFA	CIE	
37 38		+											
39 40	F												
	PT N-	/alues	SPT	N-Values	Pros	portions SYMBOL KEY							
O to 4 - Very Loose Ø to 2 - Very Loose 5 to 10 - Loose 3 to 4 - S 11 to 30 - Medium Dense 5 to 8 - Medium S to 15 - S		2 - Very Soft to 4 - Soft - Medium Stiff o 15 - Stiff 30 - Very Stiff er 30 - Hard	Little =	10 to 20% 2, ST - 20 to 35% 3, UC 35 to 56% 4, PE 5, RS	O denotes 3-i EN denotes p	tch O.D. uni nch Österbe enetration le covered ler	disturbed sam ing undisturbed ingth of sample ingth of sample	d sarrigile. er.	8. WR deno 9. PP de not 10. FVST d 11. RQD de	otes weight of these weight of these Pocket Per encles field we encles field we encles Rock Gates core fun in.	rods netrometer me shear test. uality Designation.		

BORING LOG B-2

Boring Co. Driller Logged By		J. Lloret					Boring Location Ground Surface El. Not Availab Date Start 8/18/202:			lable	e Boring Loc Datum Date End	Not A	Available 8/18/2023	
tammo	or Type:			Dionut	hammar driven by ca	thead with	30 inch drop			Greun	dwater Read	ings (Ins	rn ground surf	800)
Sample	or -81201	0		1	1-38" LD. 84				Date	Tine	Diopthoft		8	tabilization Time
	HERE	42			Trucki lite unta	d CME 55			8/18/23	1.5	- 5			Wot Sample
in Bing	Method	2			3.25-inch I.D. Hollo	u-Stem Au	gena				1			,
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2		S-1	111/24	1 to 3	12-15-26-24		Dens	ue brown fin	e te coerse S	AND little S	Cit. Ittle fine	to coarse Gr	awai	
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4	_	8-2	9/24	3 to 5	19-11-19-12		Medium de	nse, dark bro	wn, fine to co	oarse SAND	, little fine to	coarse Grave	al, little Sit:	
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6	\rightarrow	S-3	4/24	5 to 7	2-3-2-2		Loose.	brown fine to	coarse SAN	VD. little Sitt.	little fine to	coarse Grave	d, wet	
7	L										ALL LITE - CANAGE TO THE POSSIBLE		SECTIONE O	
8		S-4	8/24	7 to 9	6-6-5-5		Medium den	se, dark brow	m, fine to co	erse SAND.	some fine t	lo coerse Grav	vel, little Silt	
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			Dansa	(1.55-585)	- Medium Stiff	200000000000000000000000000000000000000	20 to 35% 3	UO denotes :	I-inch Osterbe	ng umdisturbe	d sample.	9. PP denote	se Pocket Pene	strometer.
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Over 60 - Very Dense			30 - Wery Stiff sr 30 - Hand	I .	E-1	 REC demotes SPT demotes 	LANNAGAS ISL	PRINT PRINTED	Rc:		nores foder fan 98-8078 fan Hun	ality Designation.		

BORING LOG B-4

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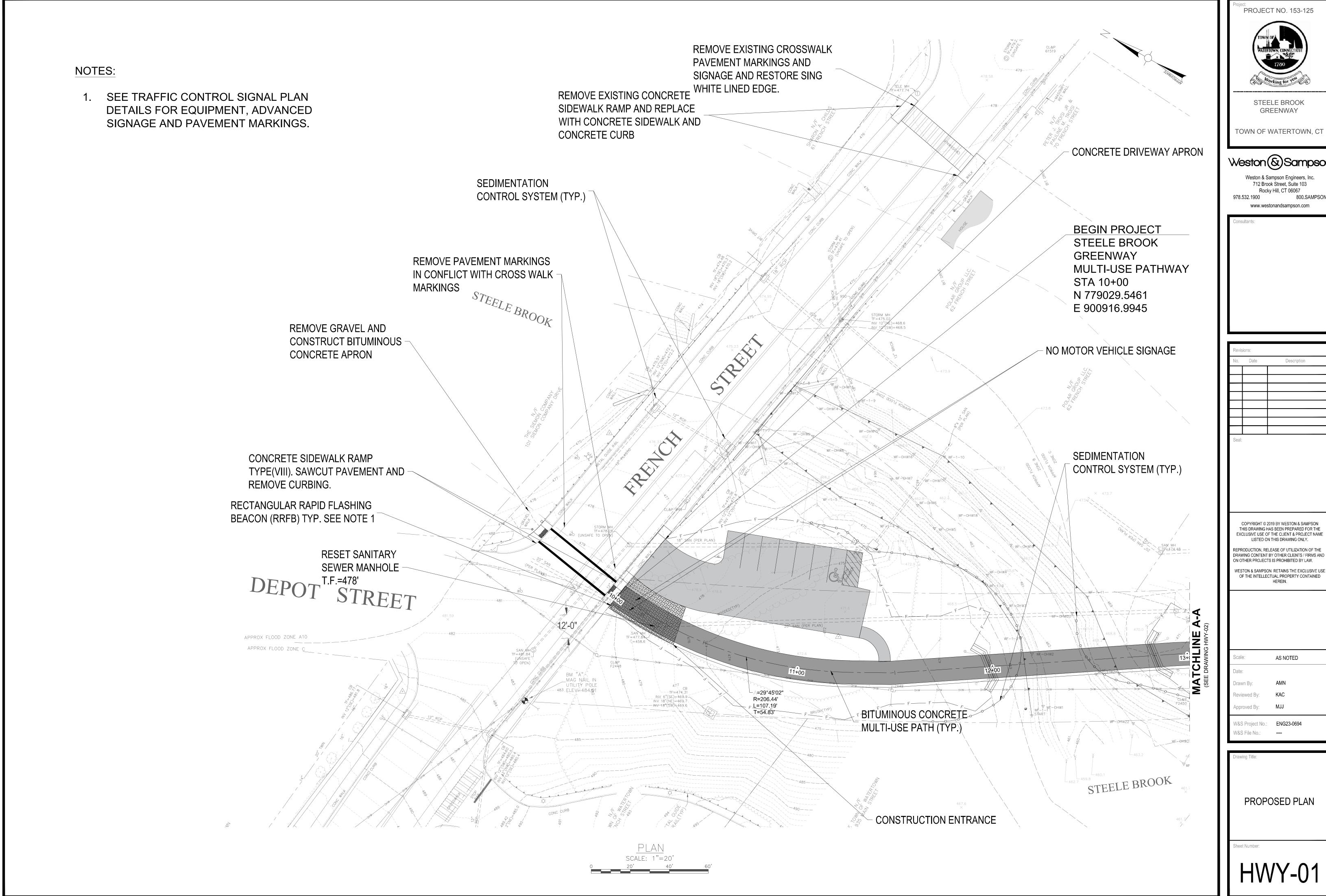
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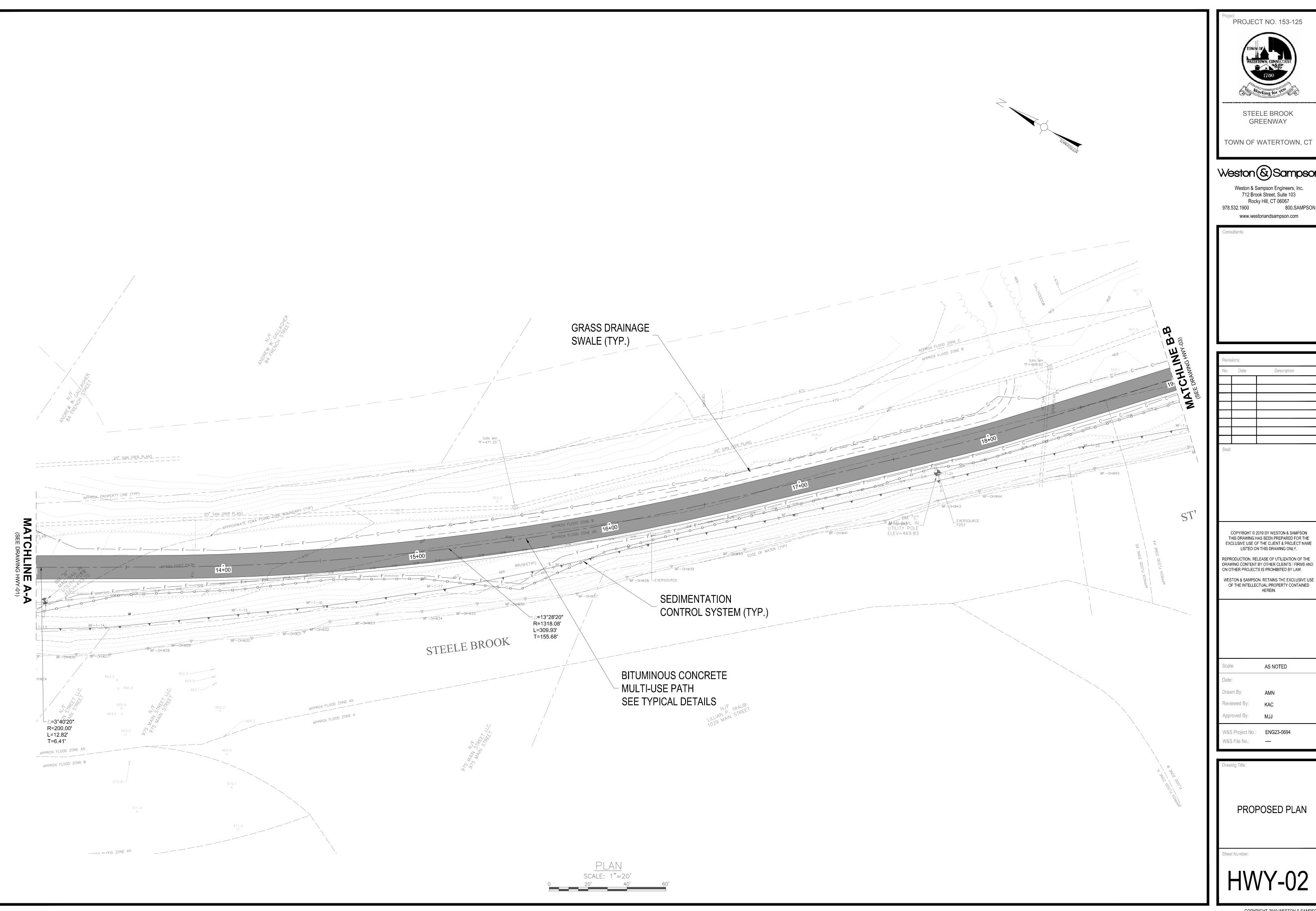
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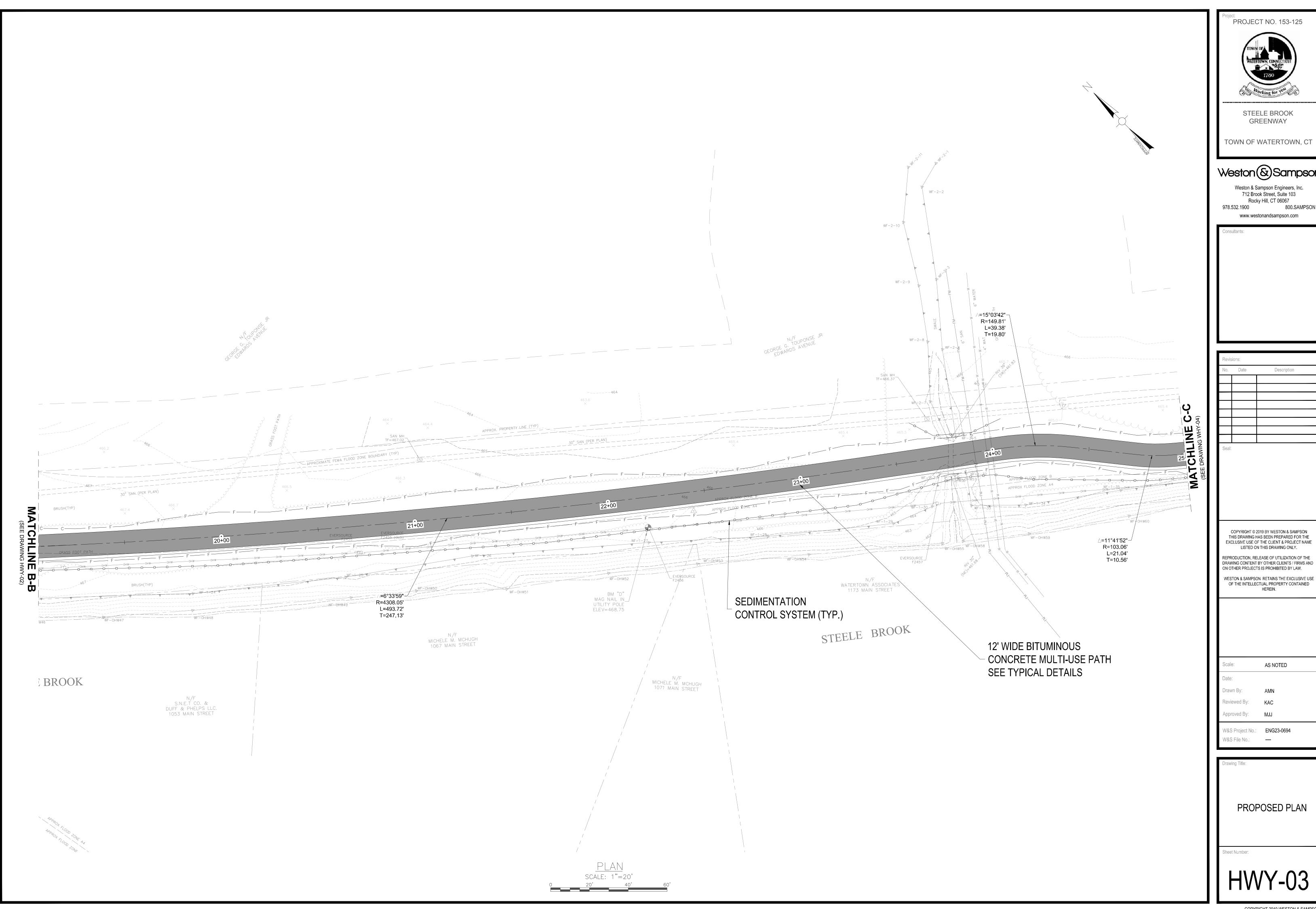
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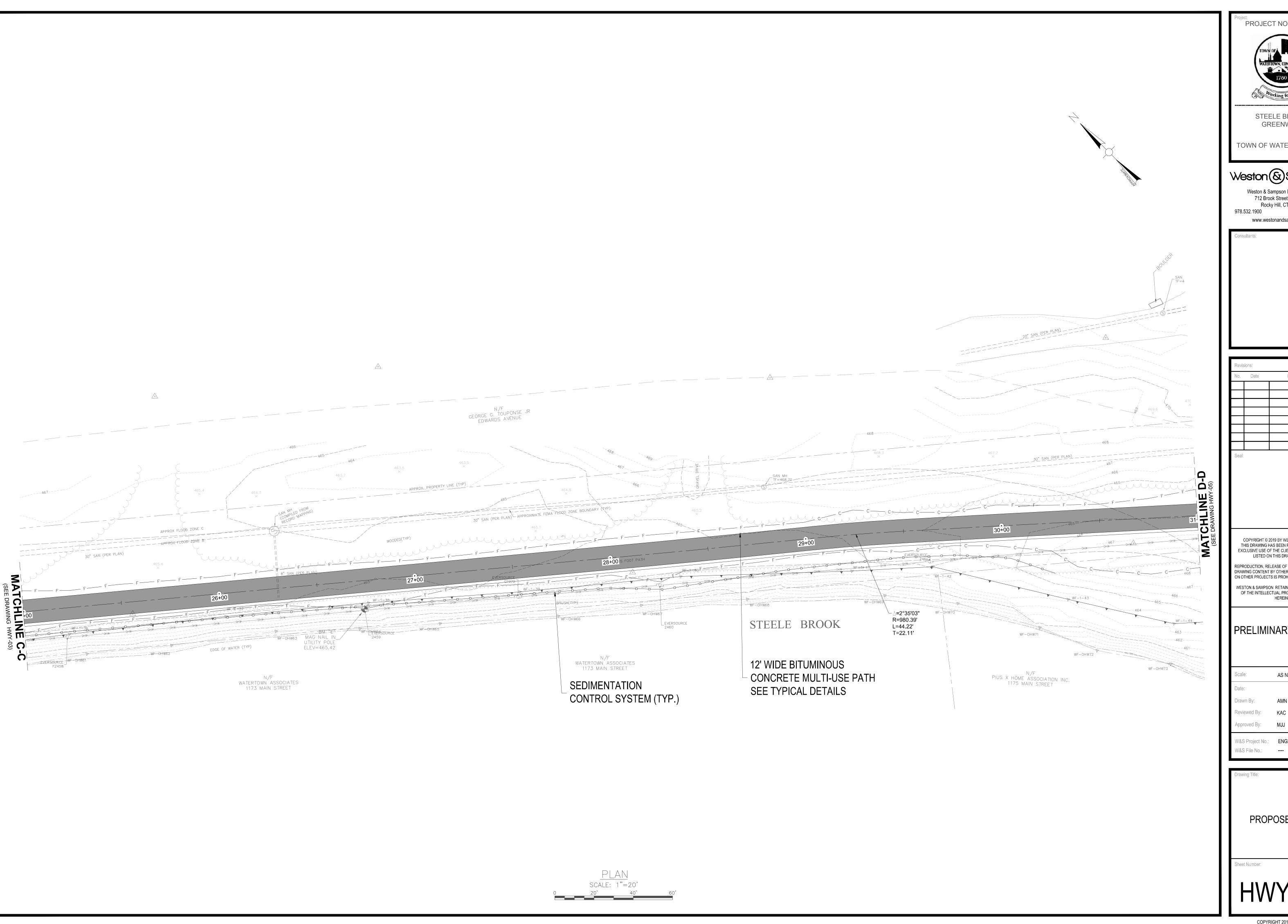
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HWY-02







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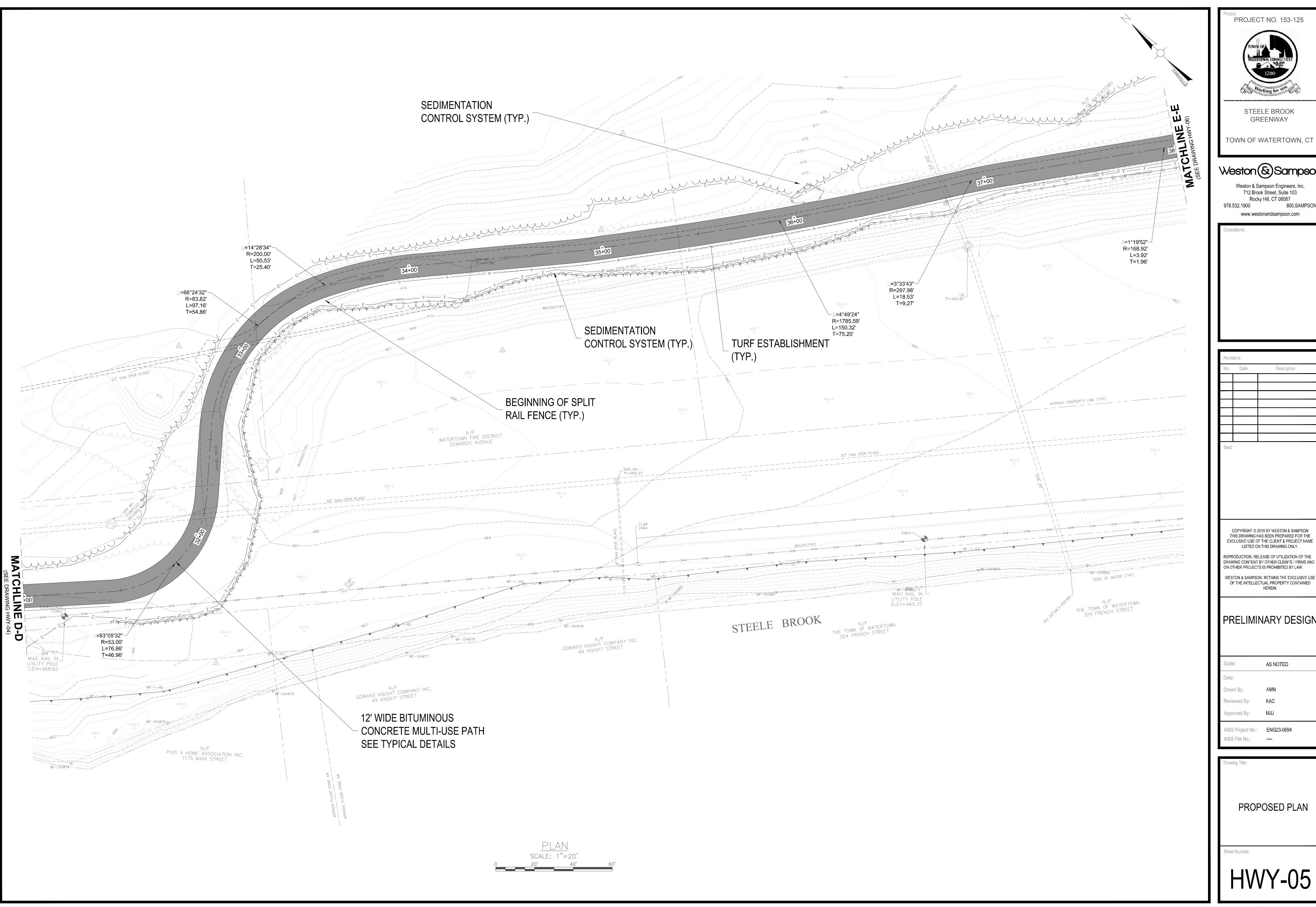
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HWY-04





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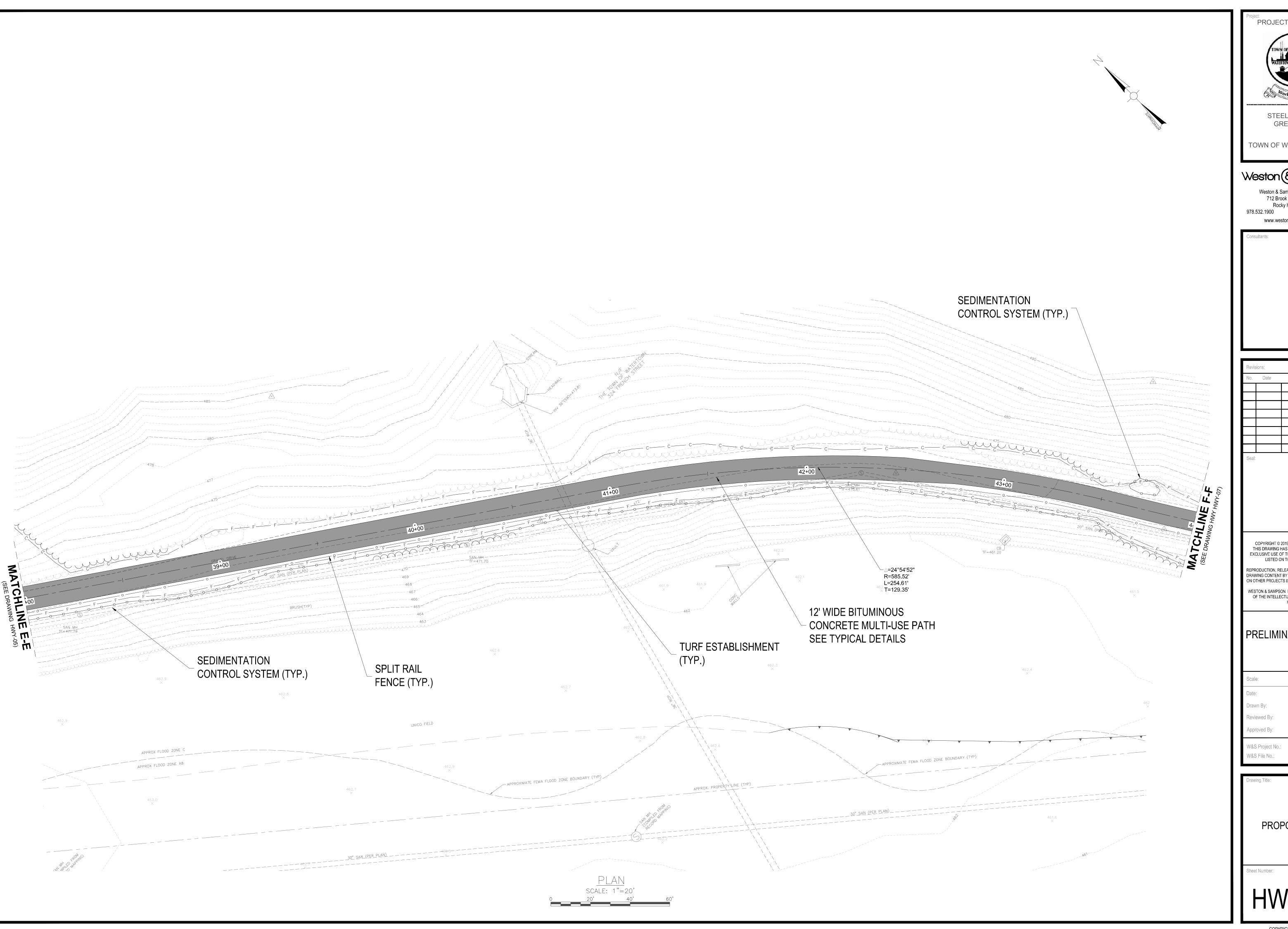
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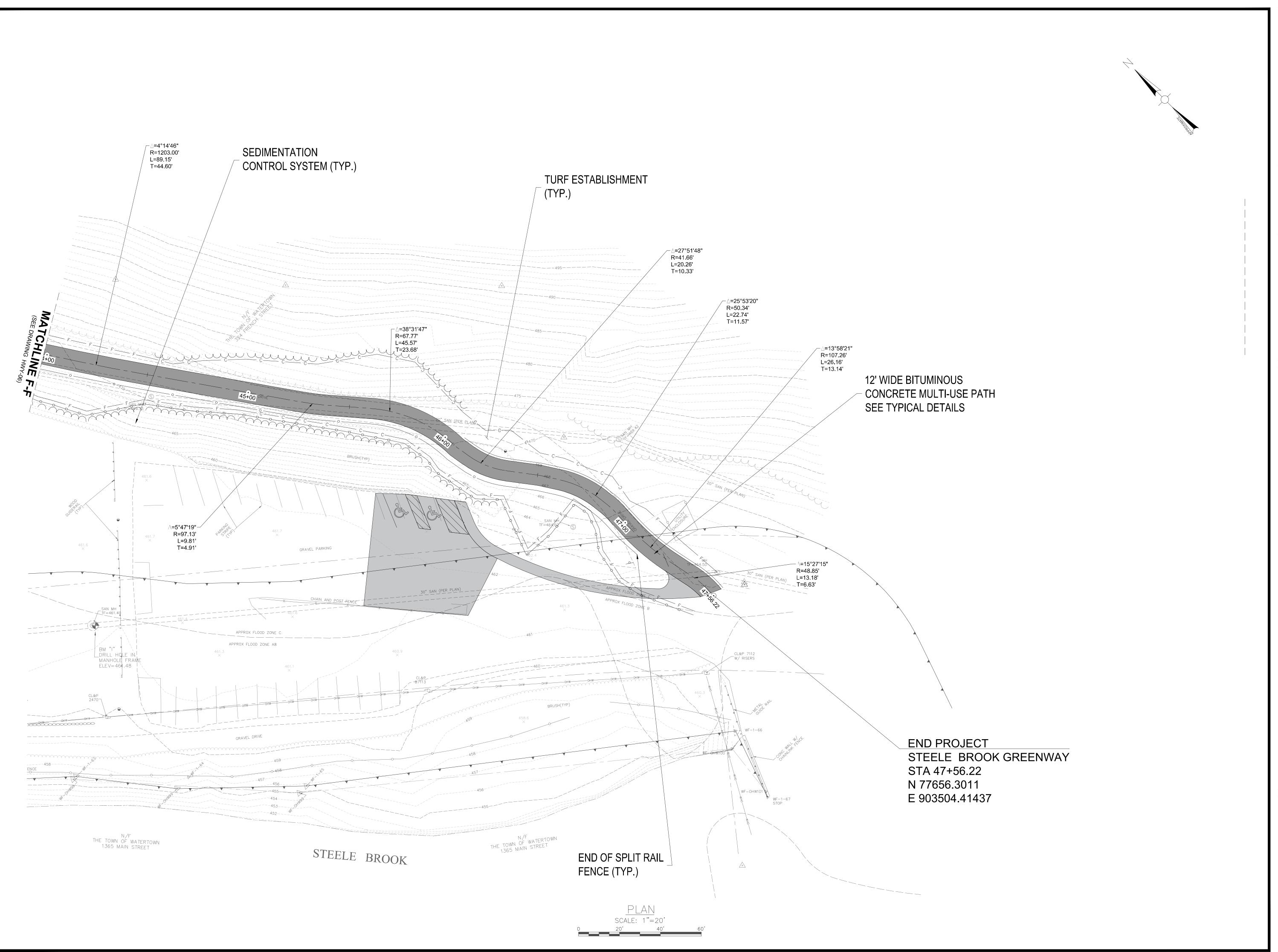
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HWY-06





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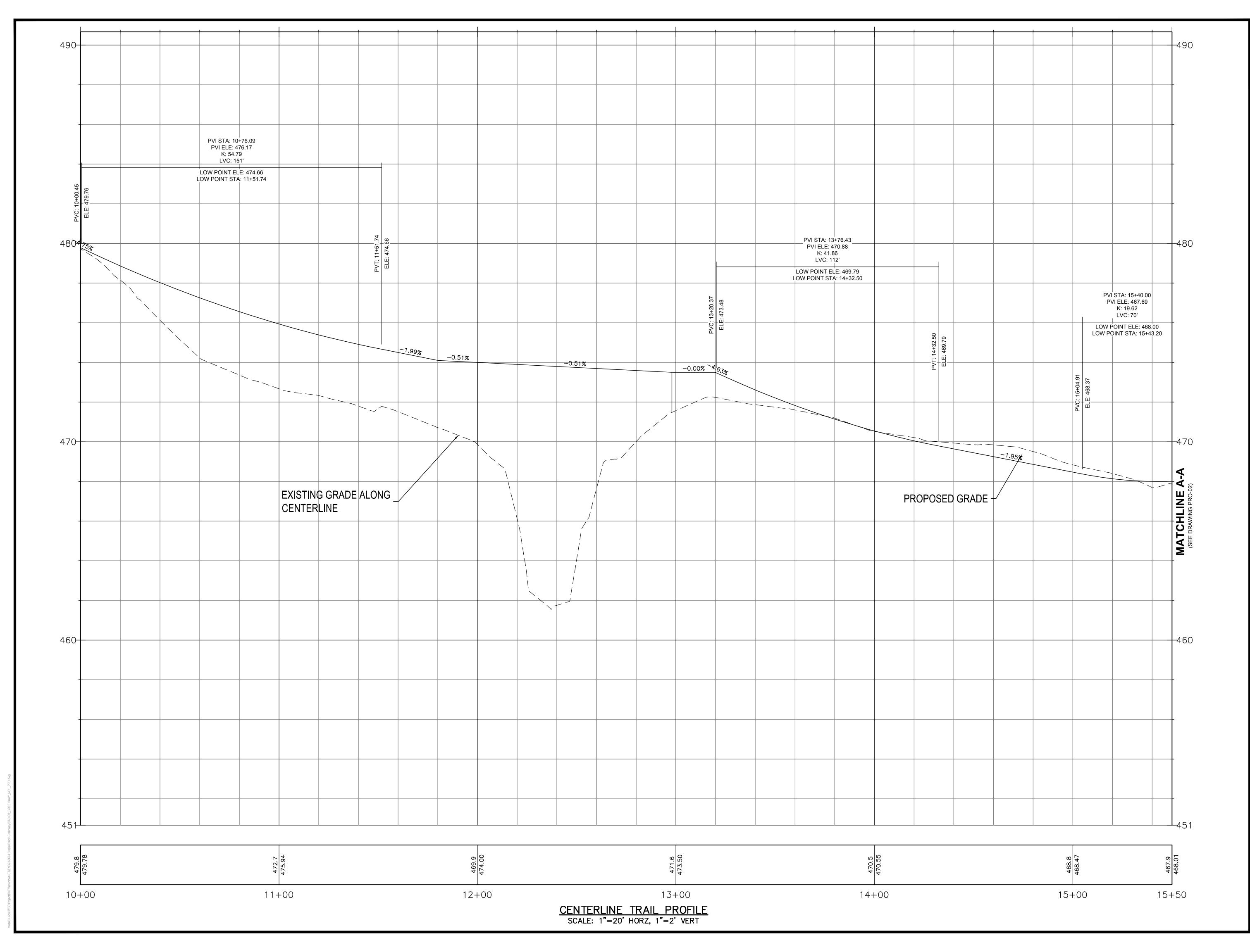
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HWY-07





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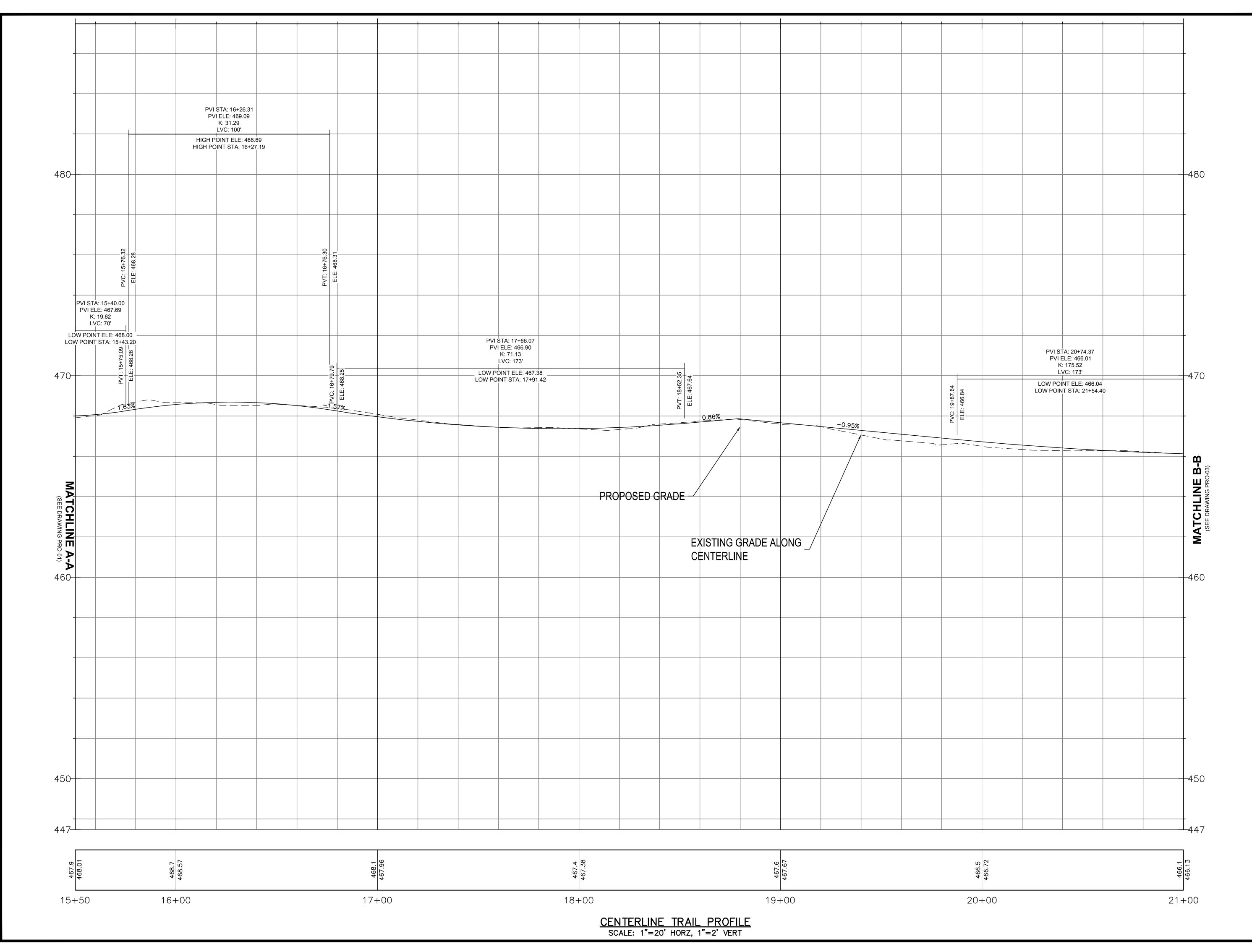
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GREENWAY PROFILE STA. 10+00 TO 15+50

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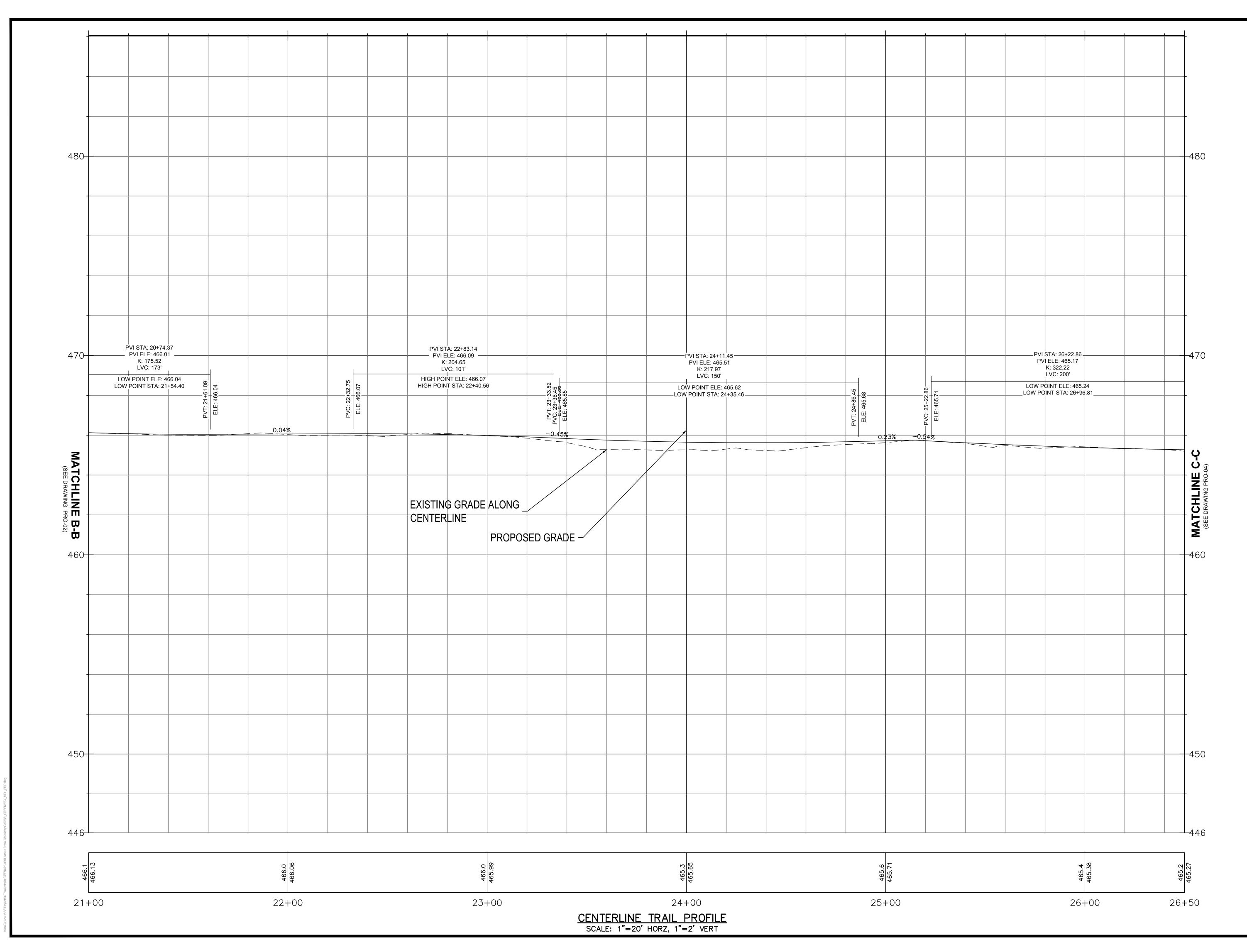
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GREENWAY
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PRO-02





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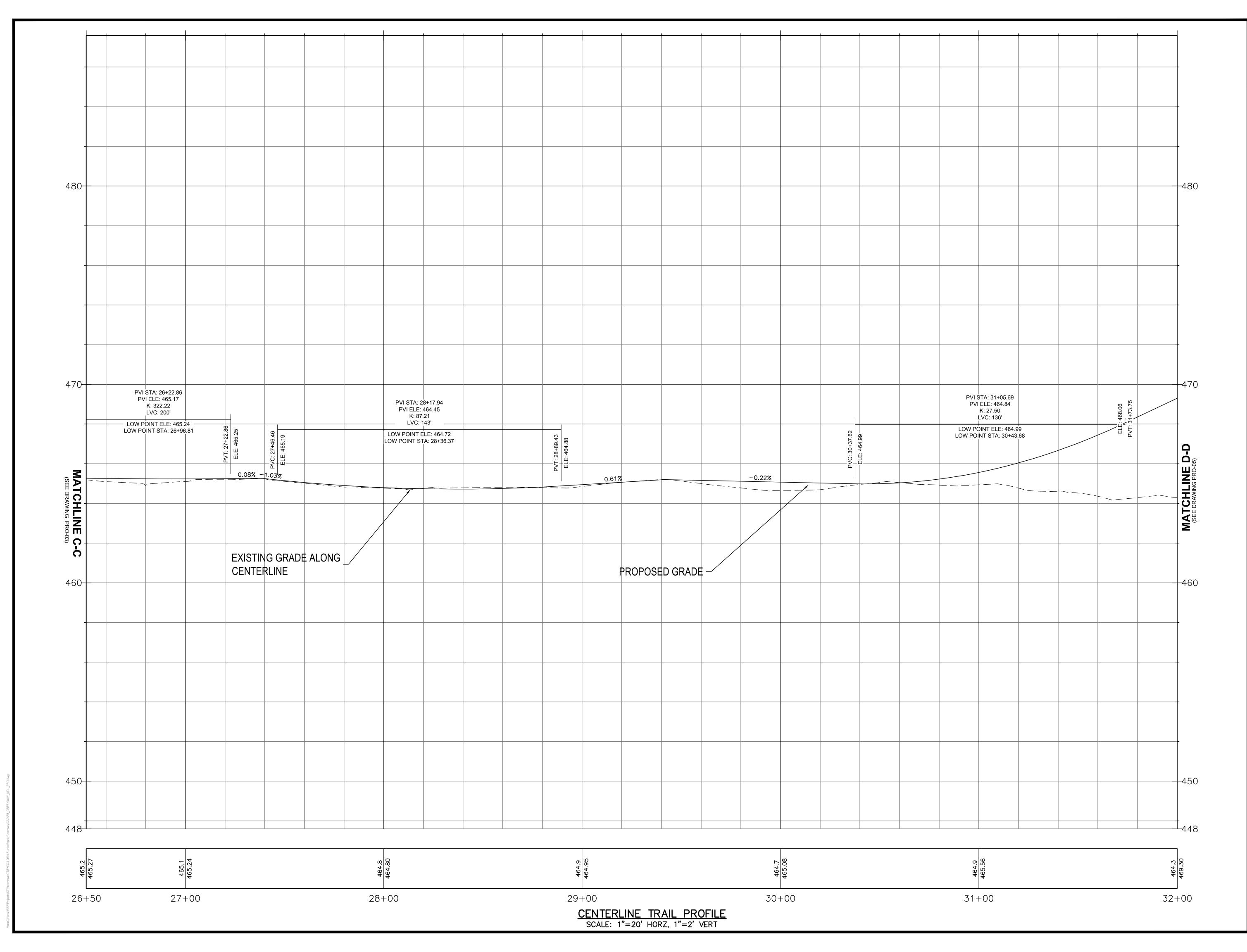
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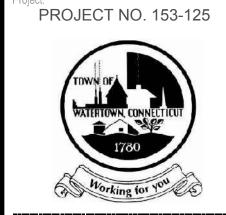
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GREENWAY
PROFILE
STA. 21+00 TO
26+50

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PRO-03





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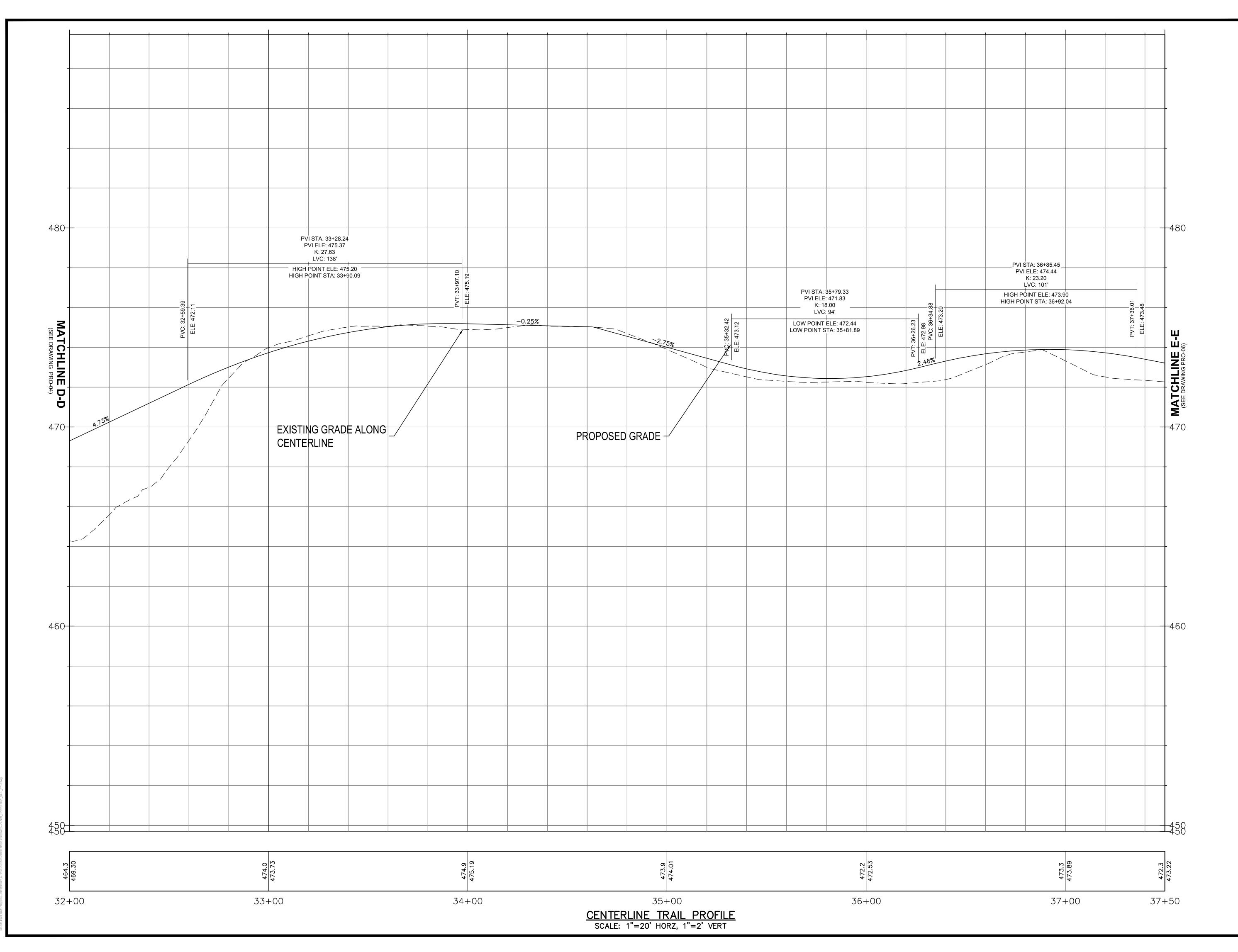
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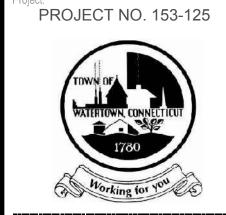
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GREENWAY PROFILE STA. 26+50 TO 32+00

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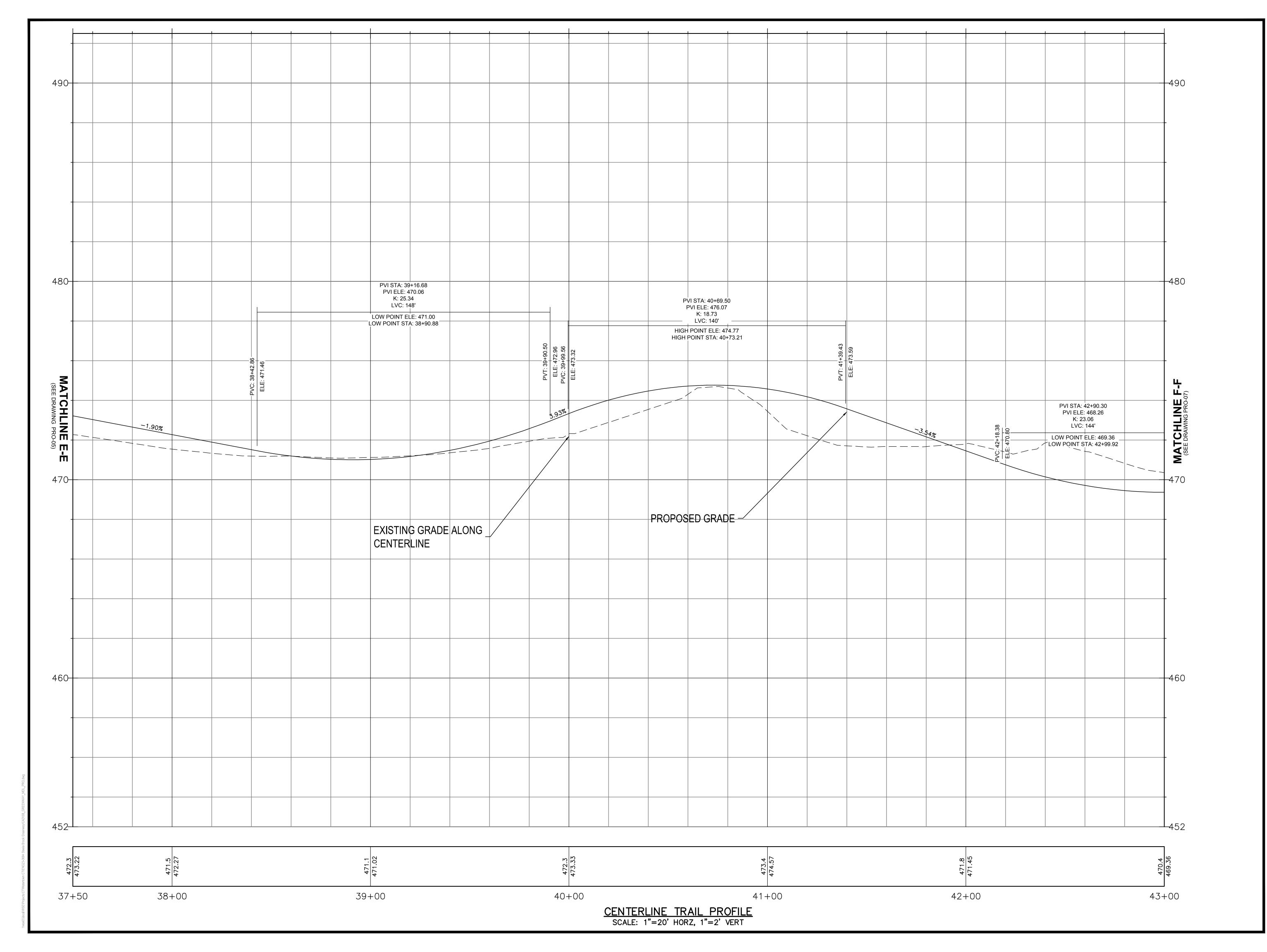
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GREENWAY PROFILE STA. 32+00 TO 37+50

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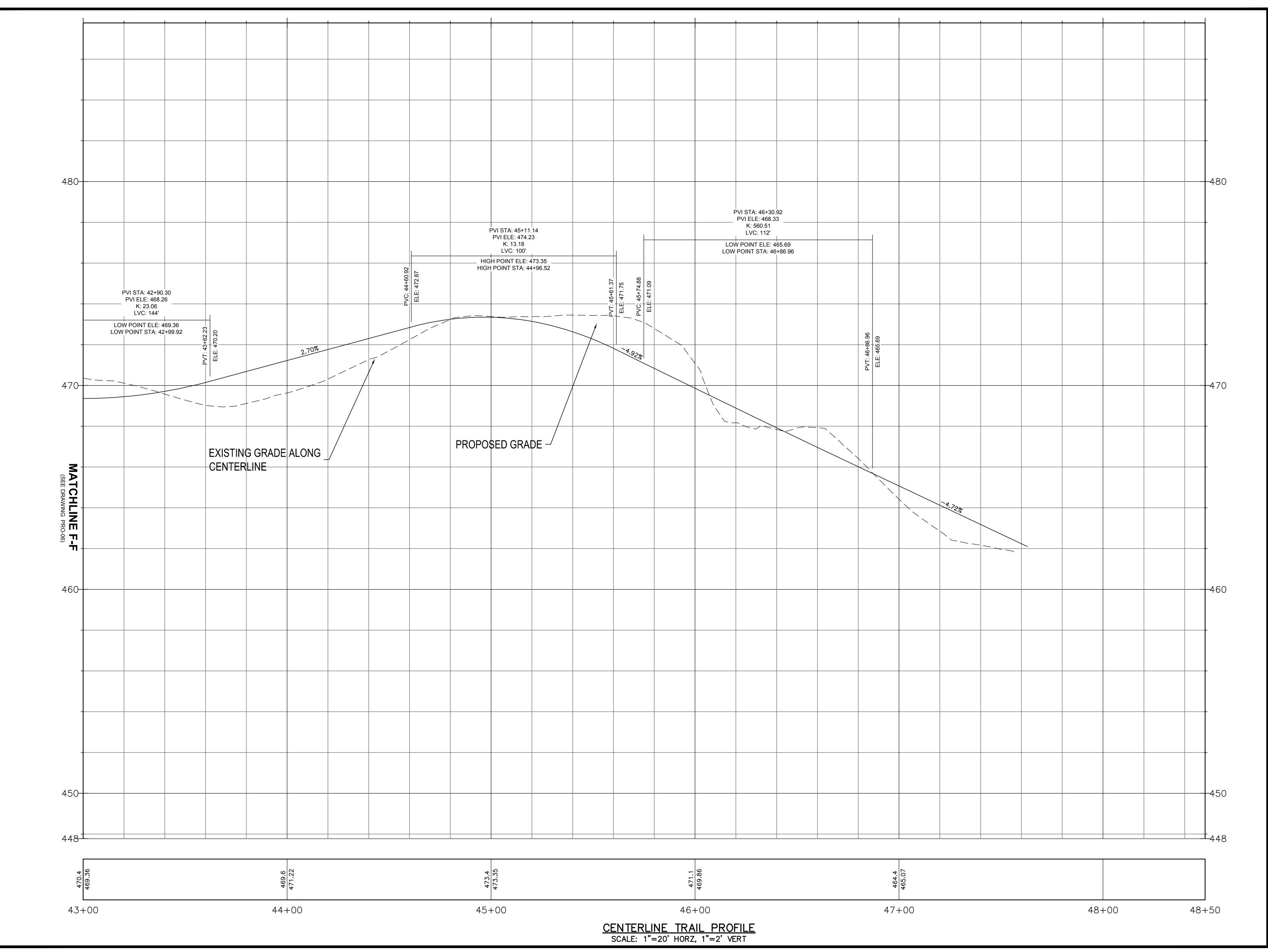
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GREENWAY
PROFILE
STA. 38+80 TO
44+50

Sheet Number:

PRO-06



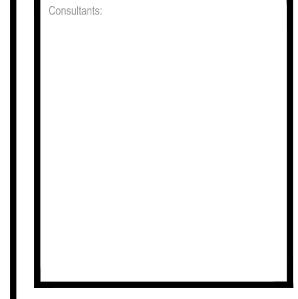


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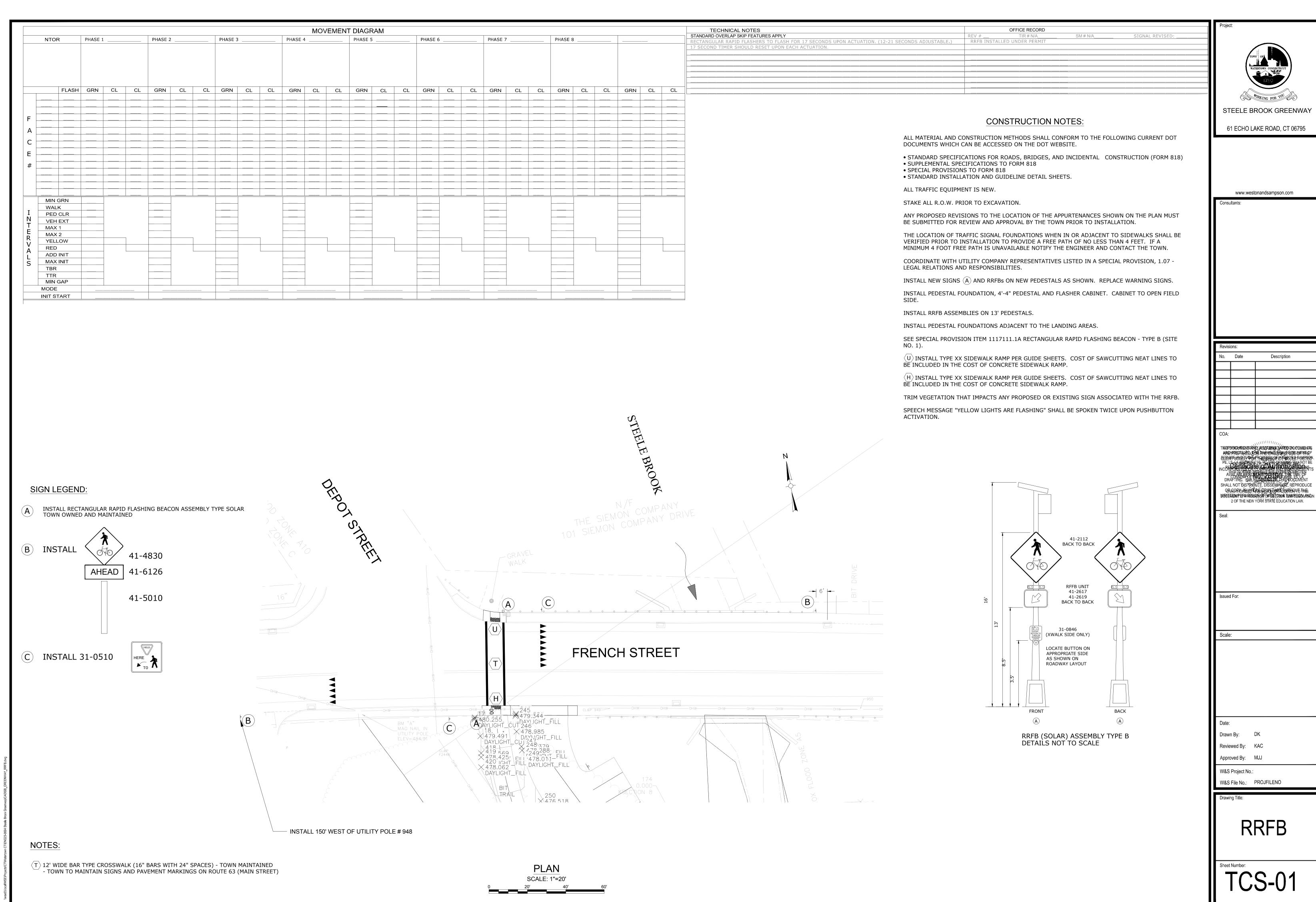
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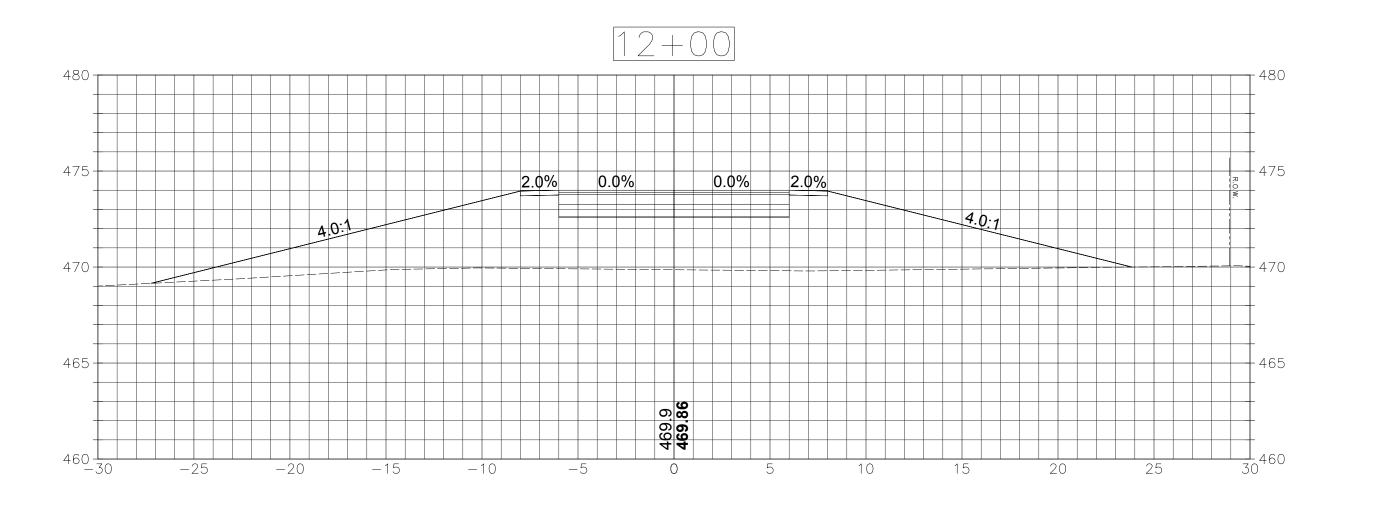
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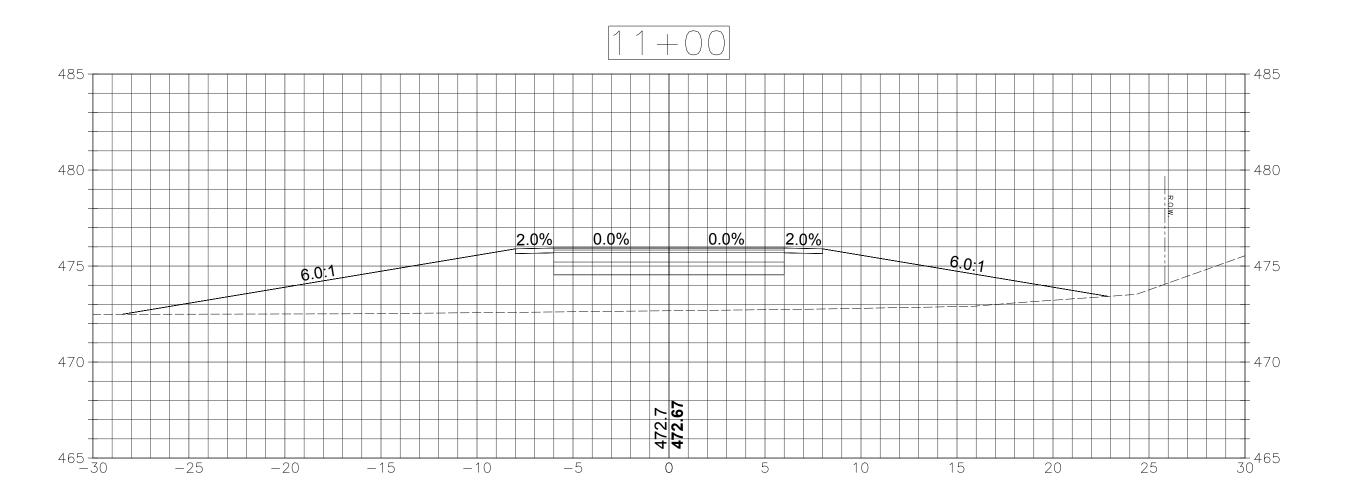
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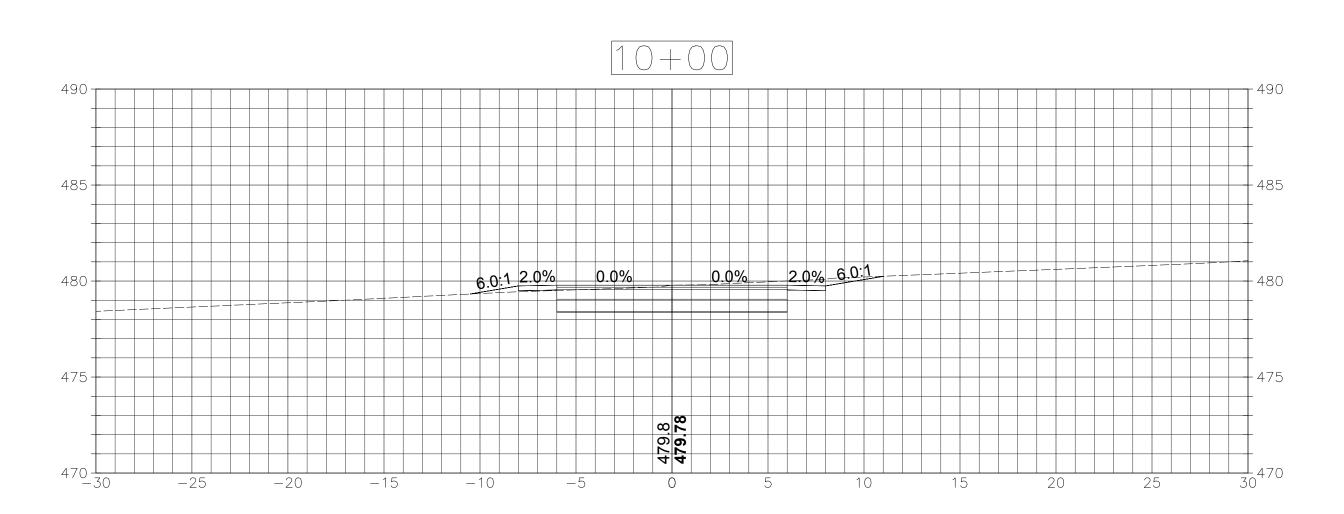
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Description







SECTIONS
SCALE: 1"=5"

PROJECT NO. 153-125

TOWN OF WATERTOWN, CONNECTICUT

1780

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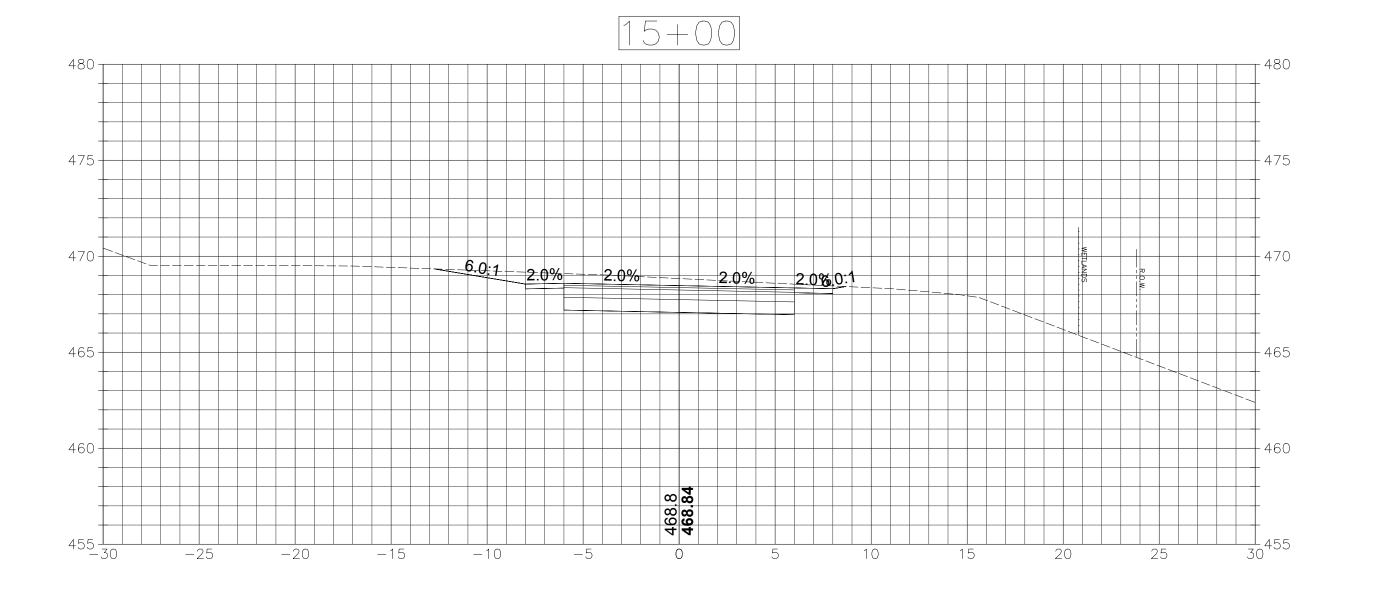
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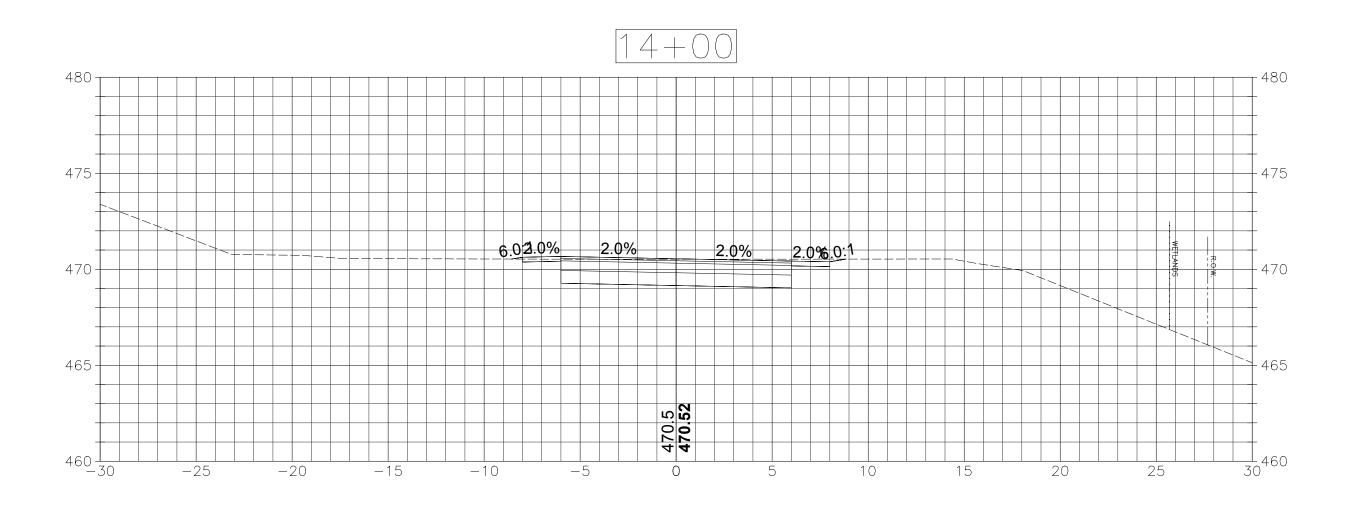
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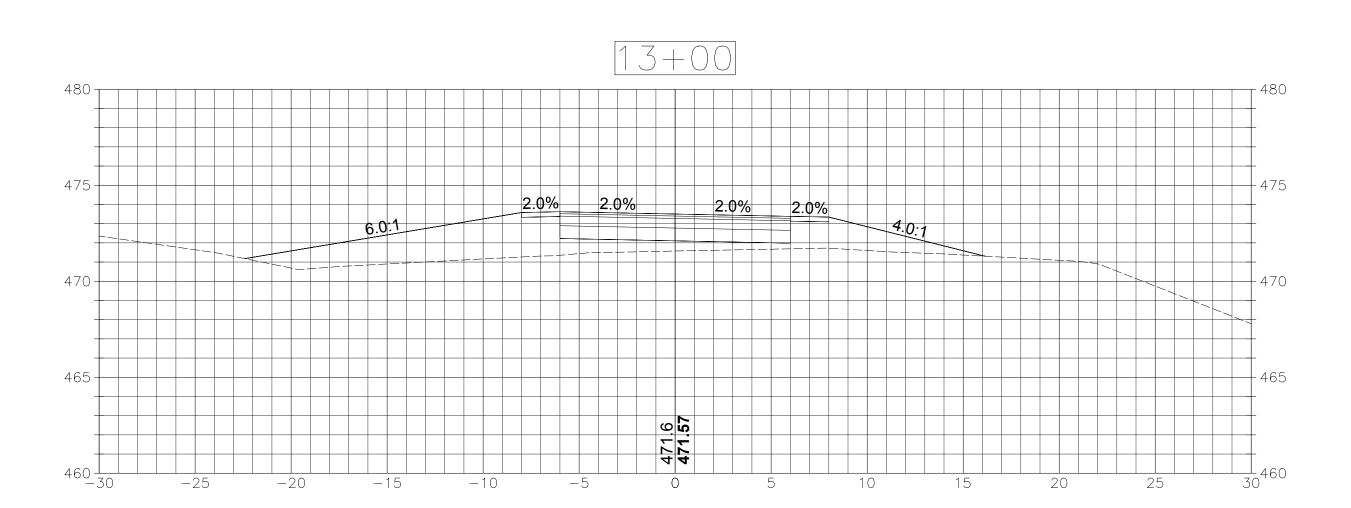
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PROJECT NO. 153-125

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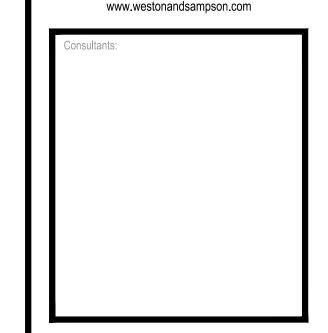
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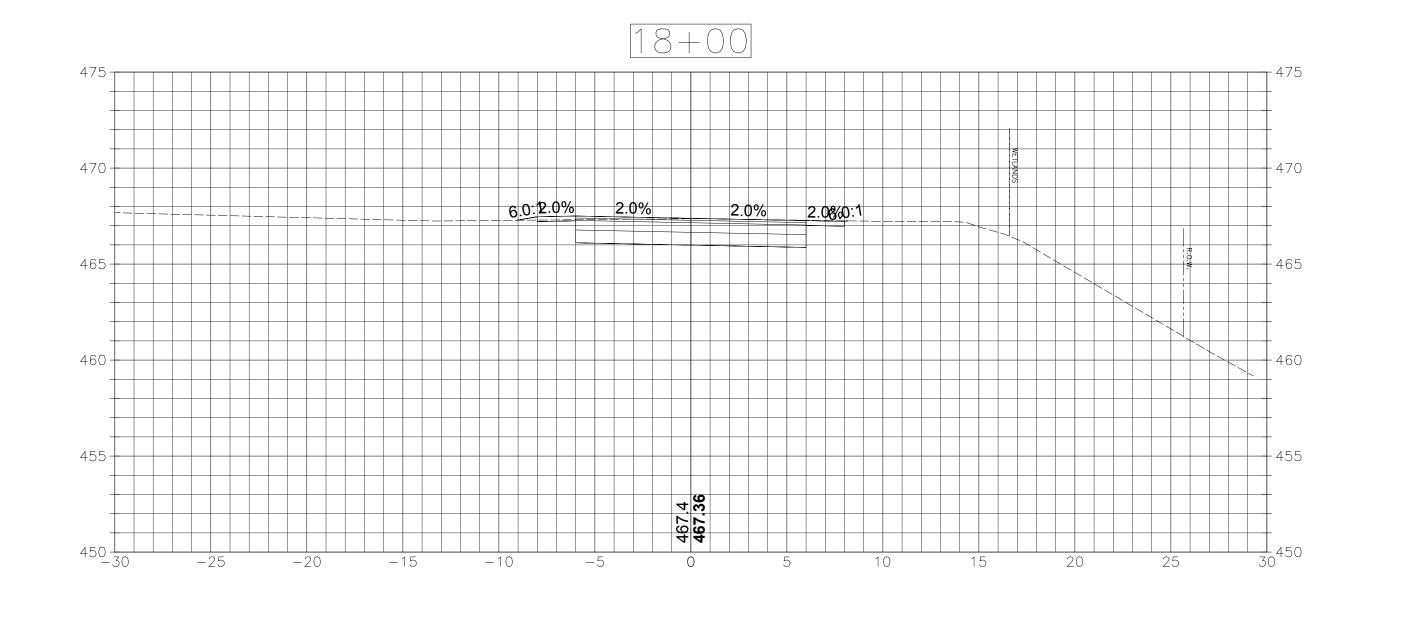
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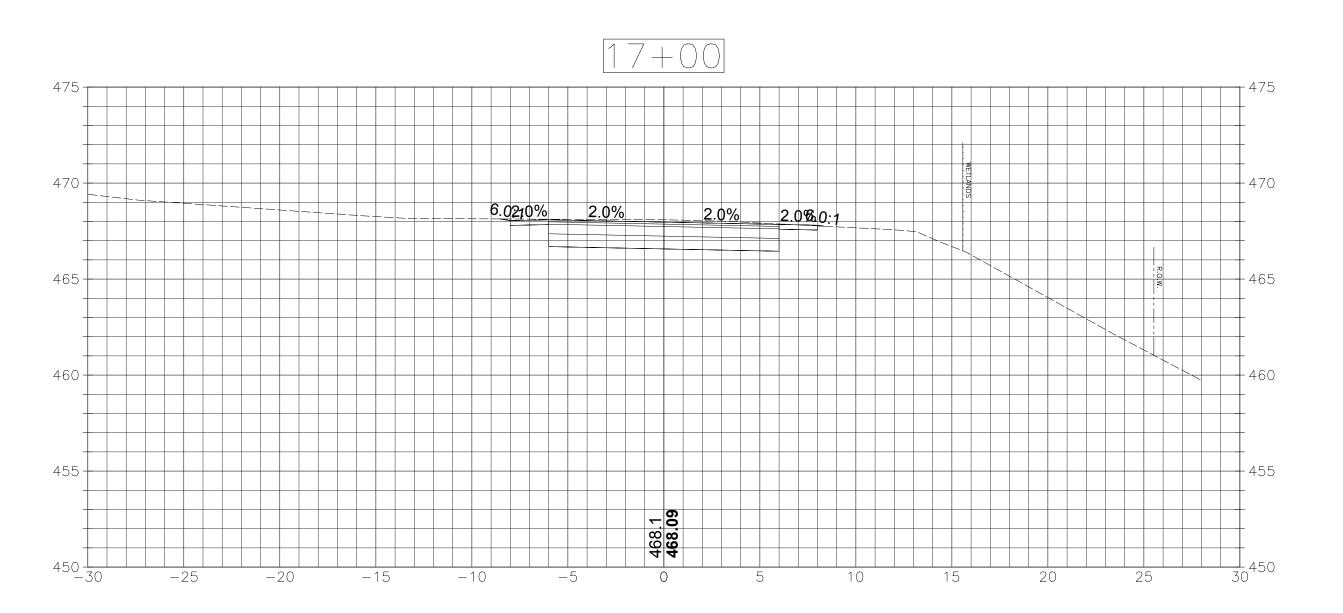
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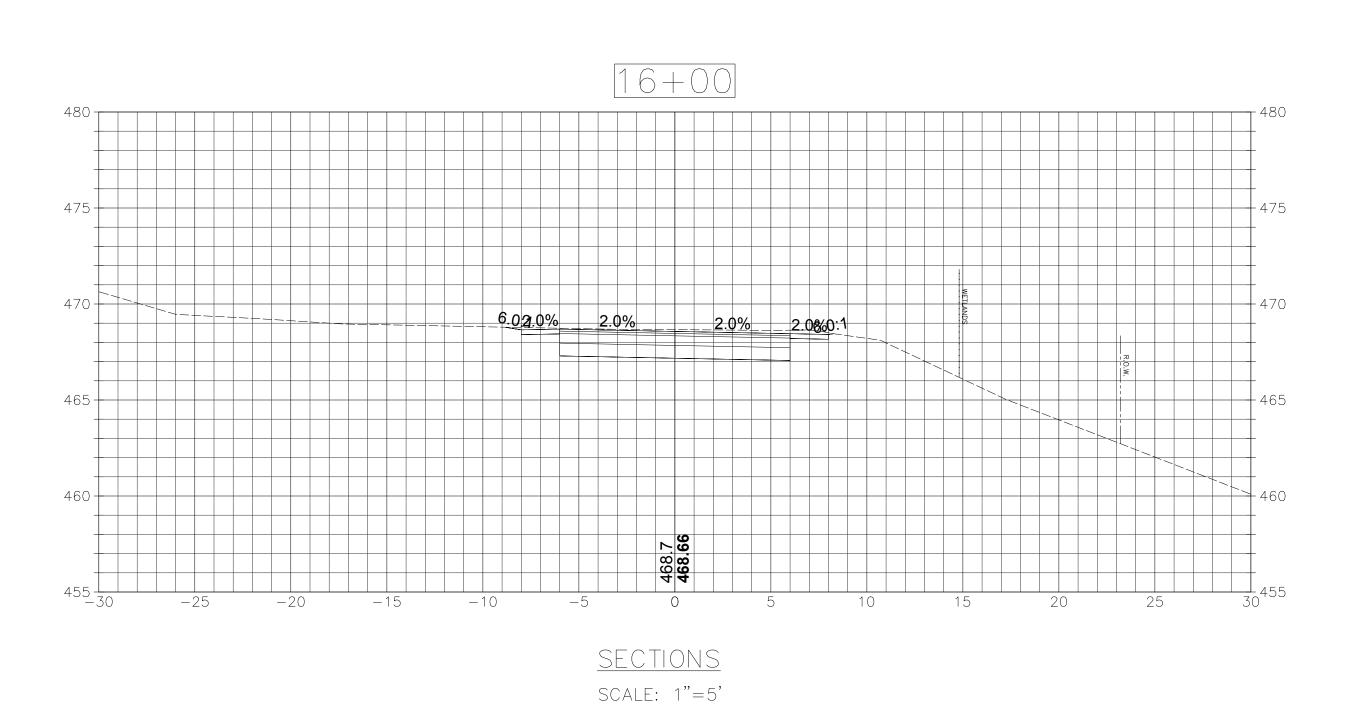
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CRITICAL CROSS SECTIONS

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Reviewed By: KAC

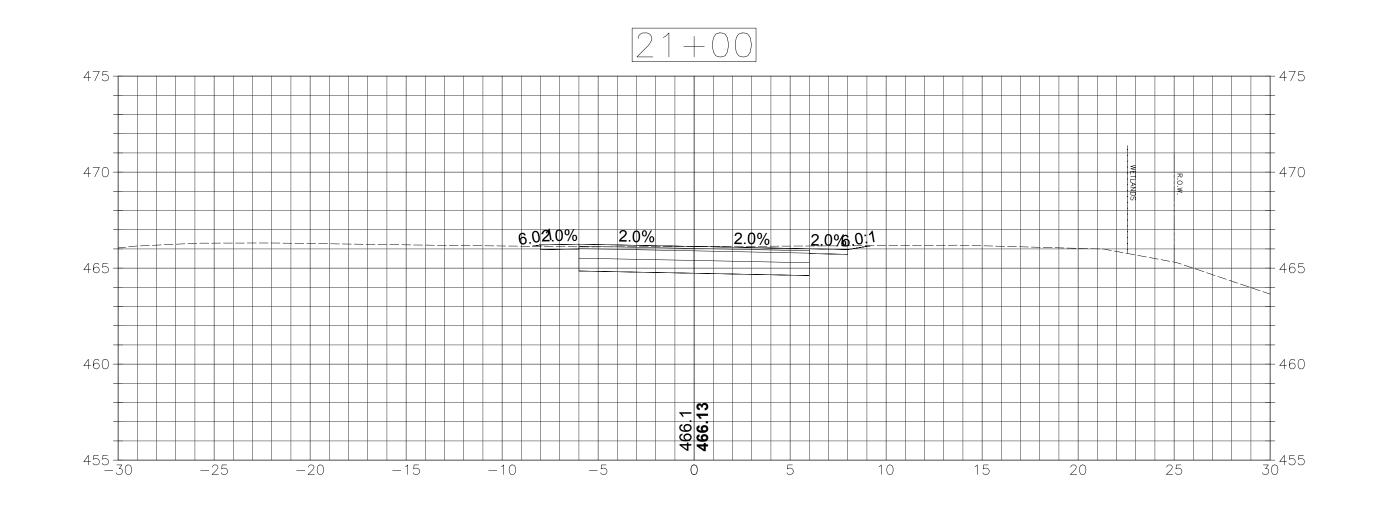
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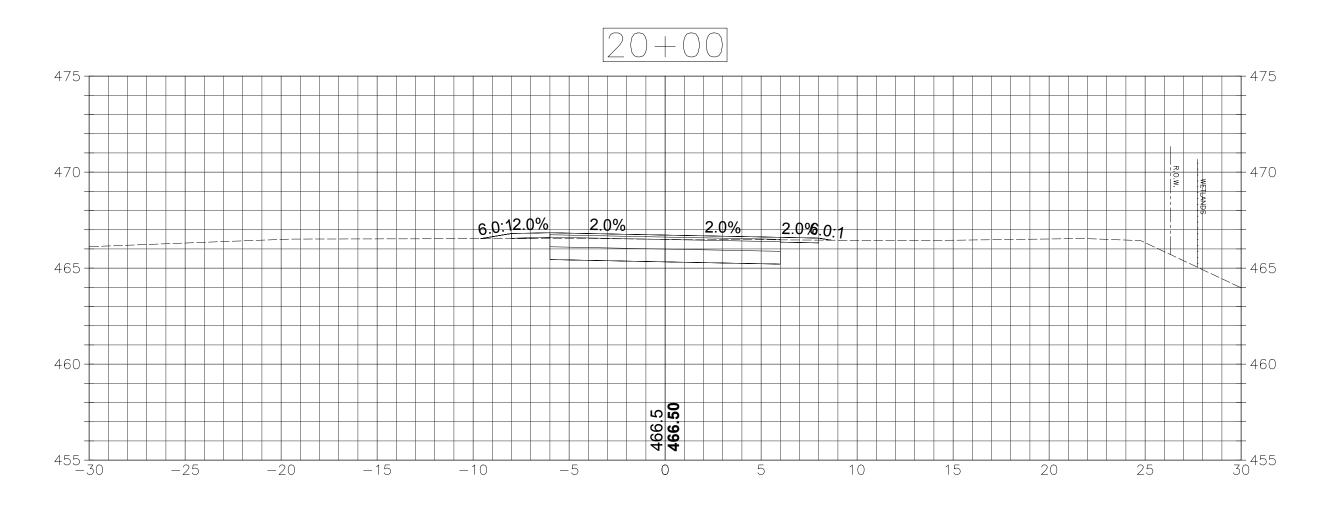
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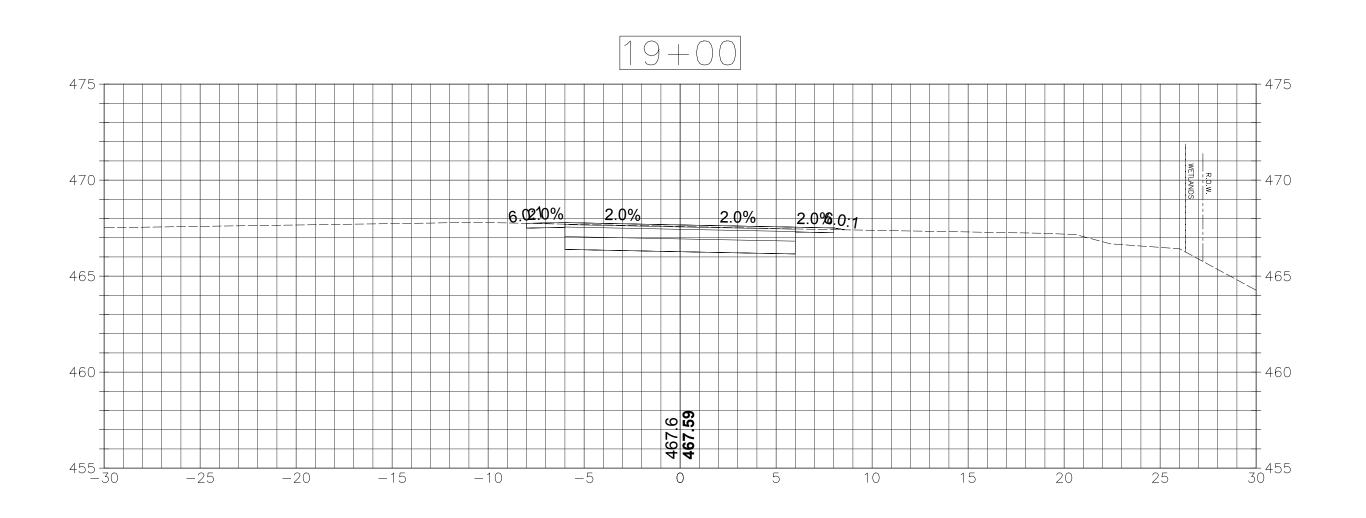
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CRITICAL CROSS SECTIONS

Sheet Number:







SECTIONS

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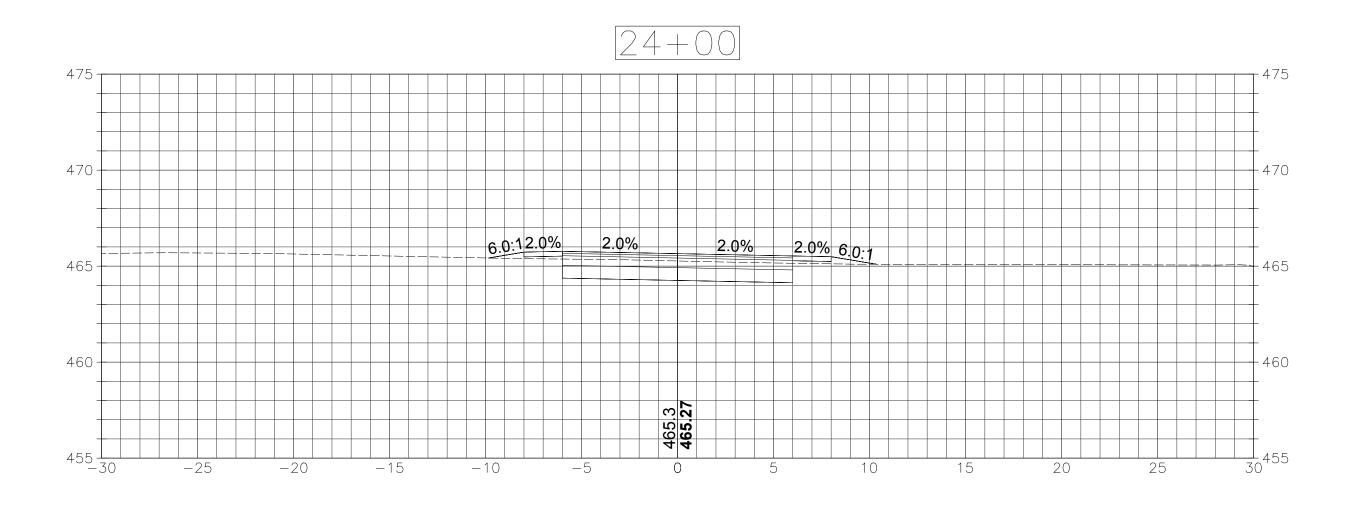
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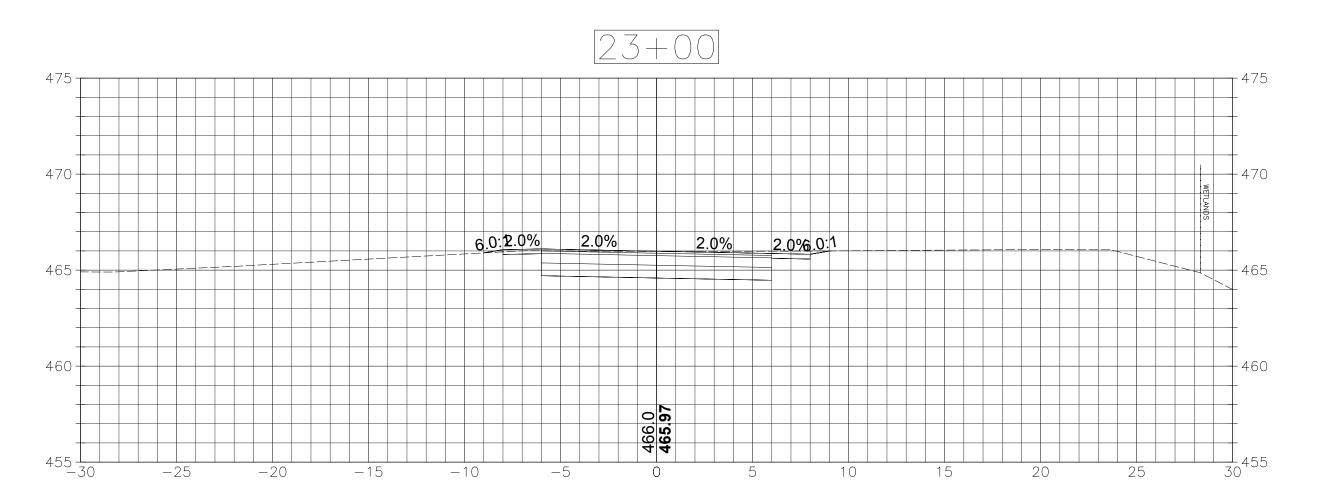
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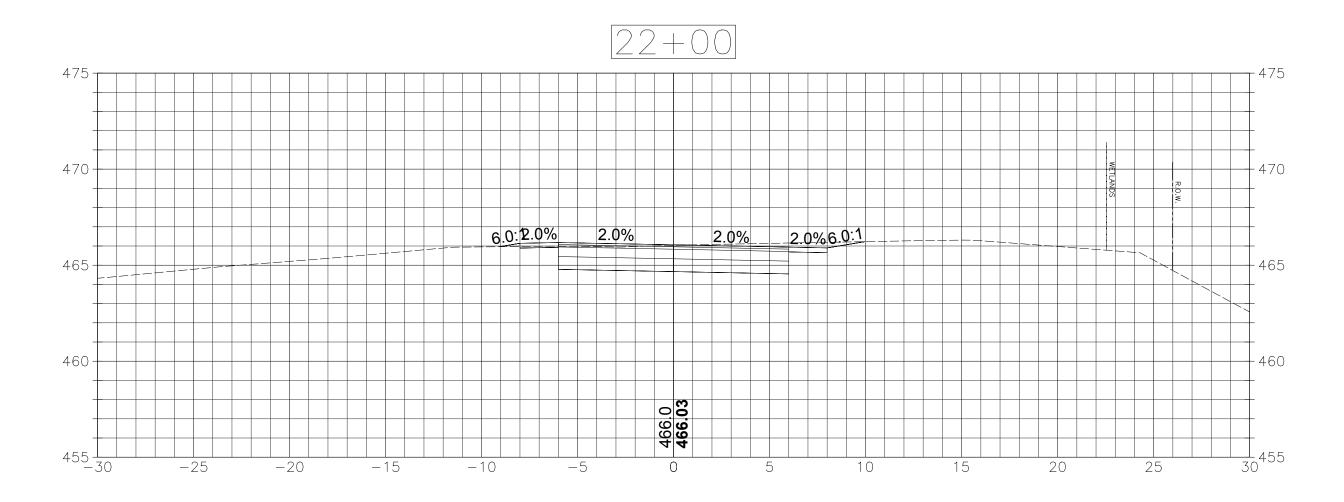
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CRITICAL CROSS SECTIONS

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SECTIONS

SCALE: 1"=5"

PROJECT NO. 153-125

TOWN OF WATERTOWN, CONNECTICUT

1780

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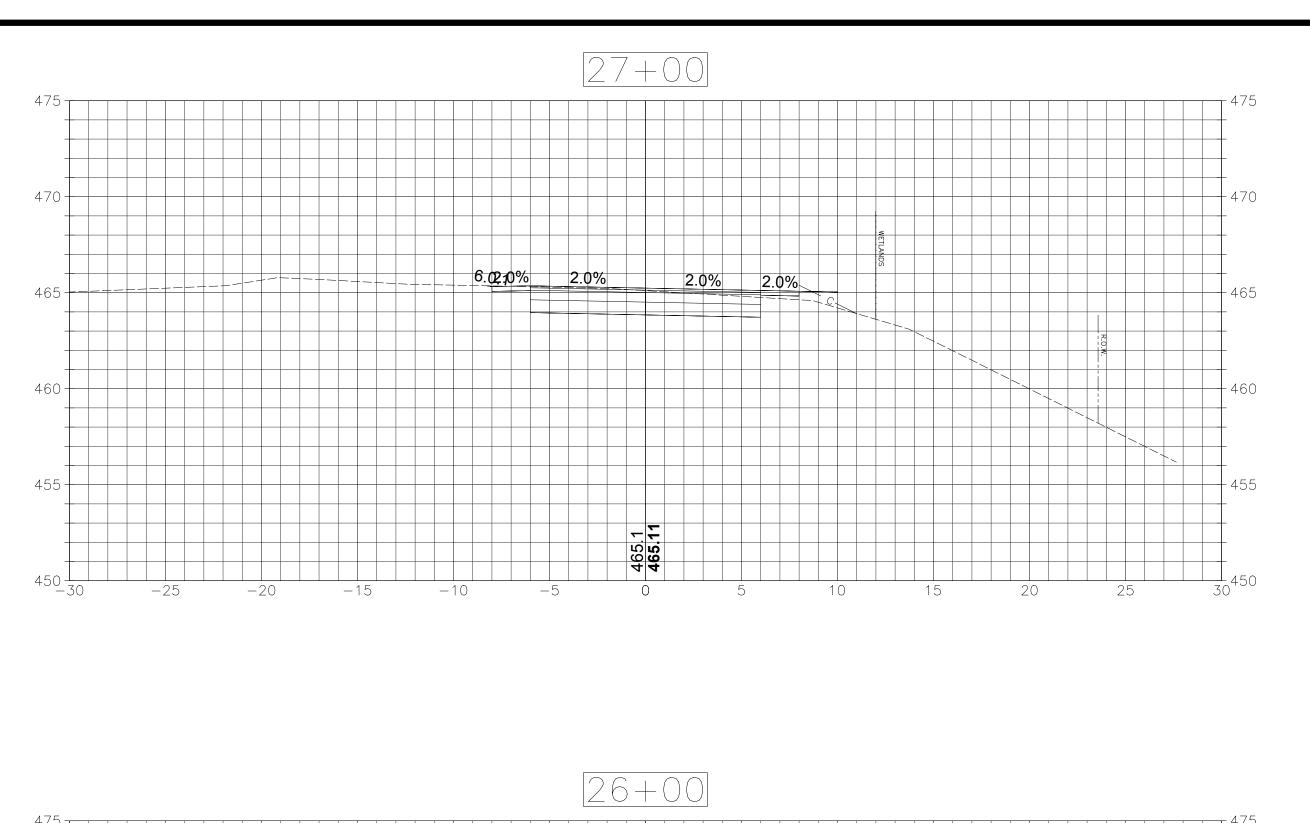
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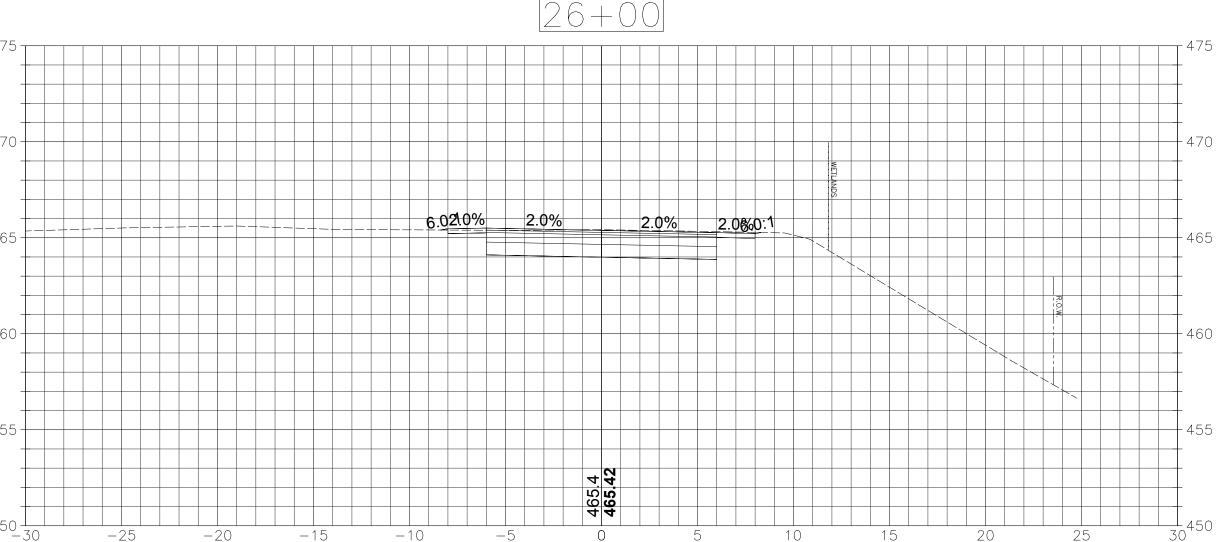
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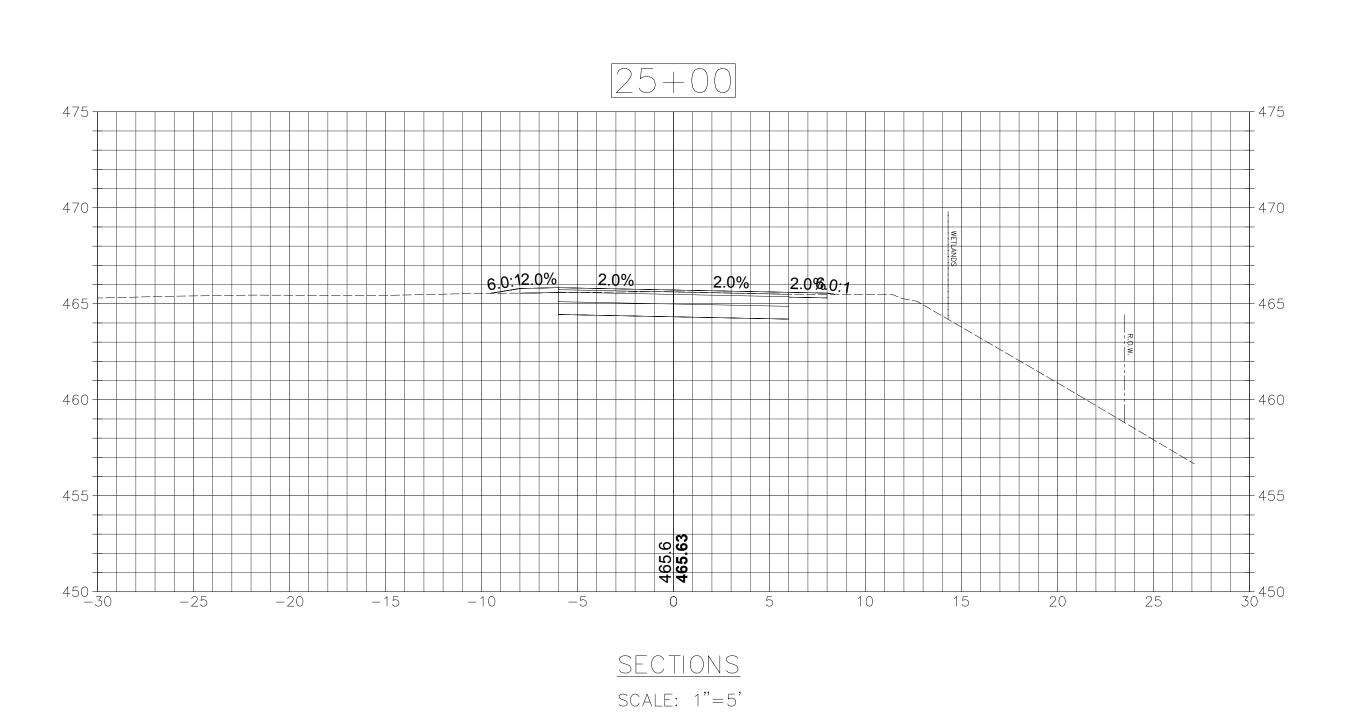
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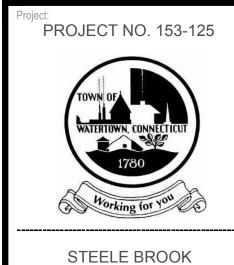
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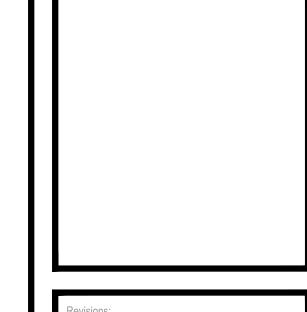
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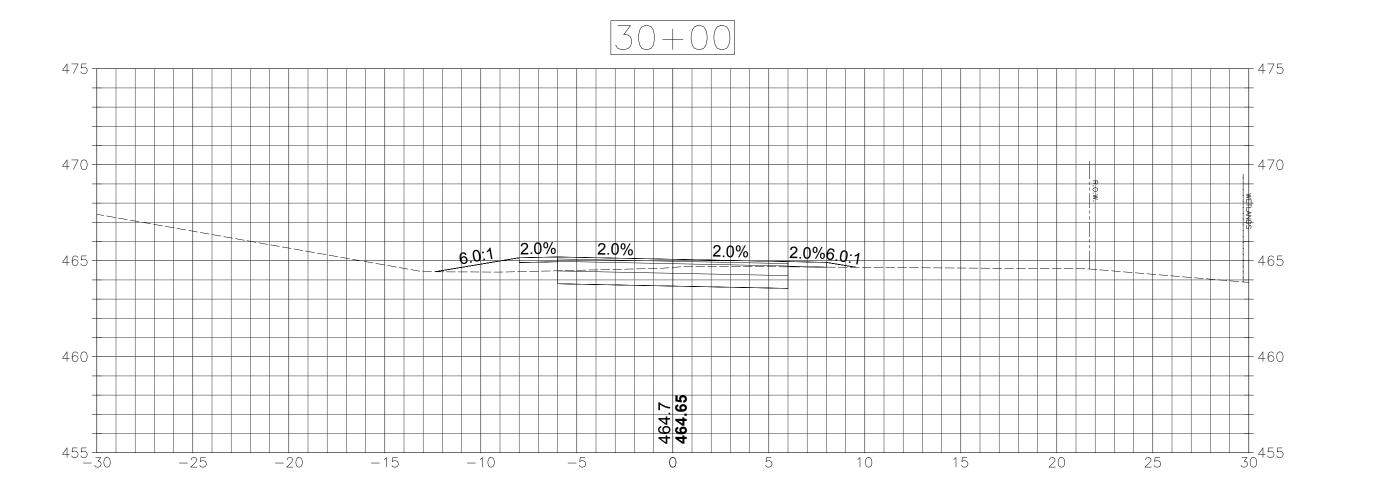
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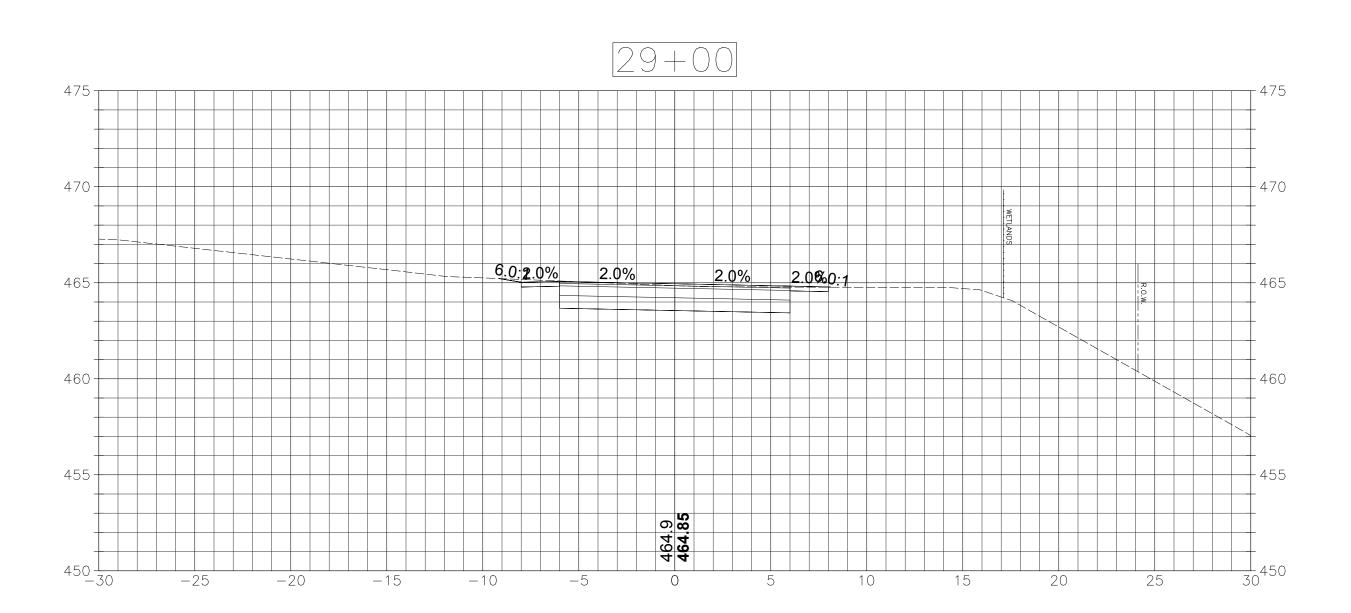
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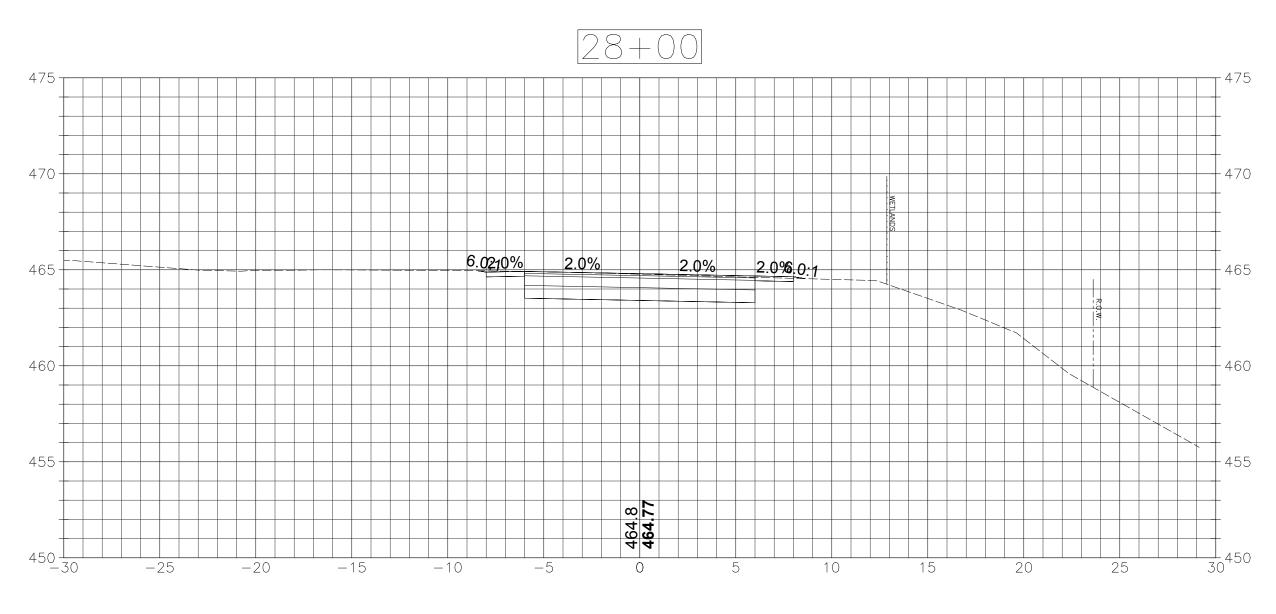
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CRITICAL CROSS SECTIONS

Sheet Number:







SECTIONS

SCALE: 1"=5'

PROJECT NO. 153-125

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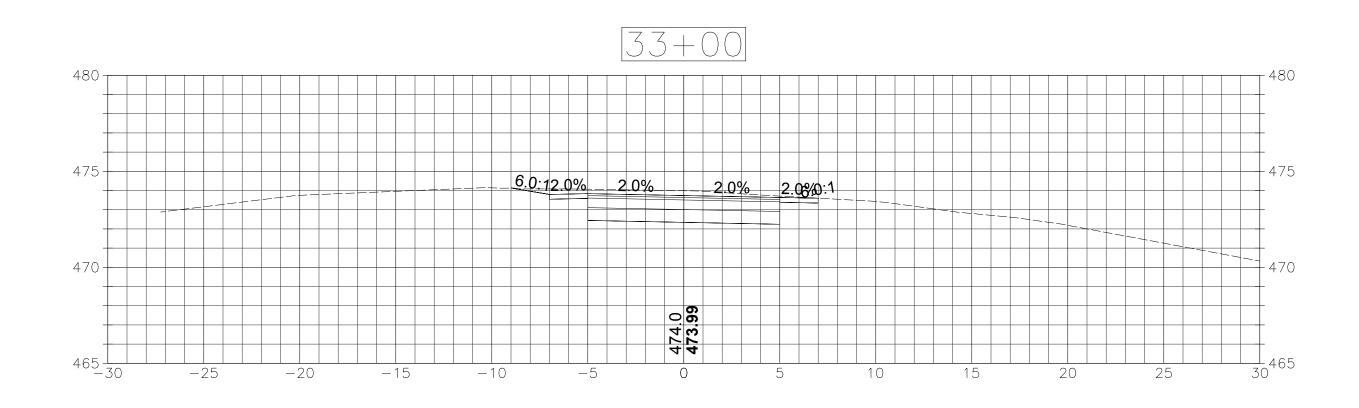
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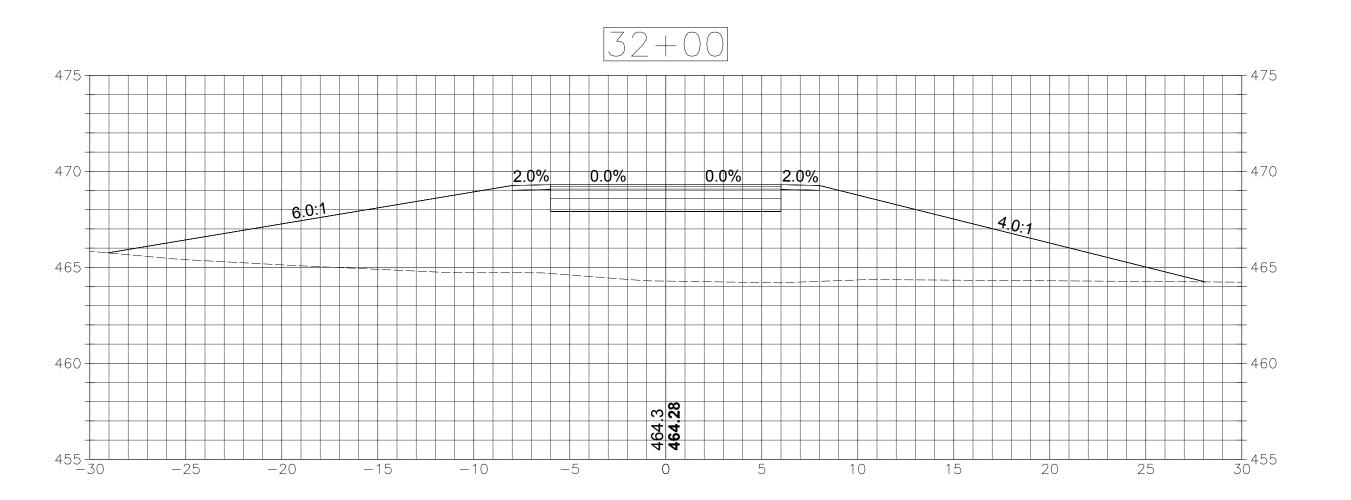
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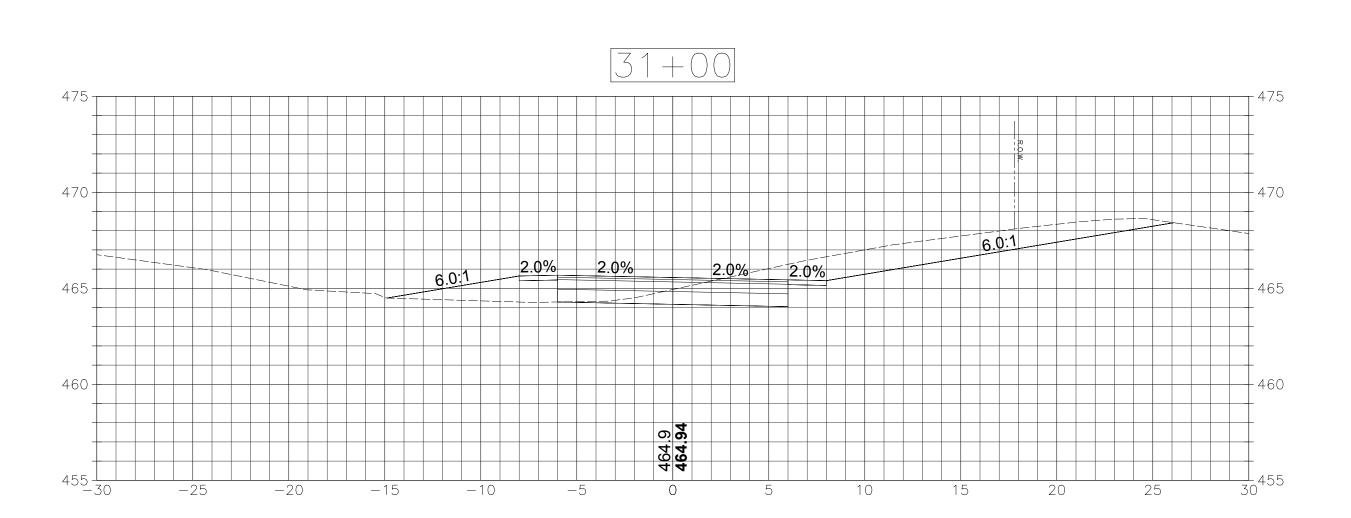
Drawing Title

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Sheet Number:







SECTIONS
SCALE: 1"=5'

PROJECT NO. 153-125

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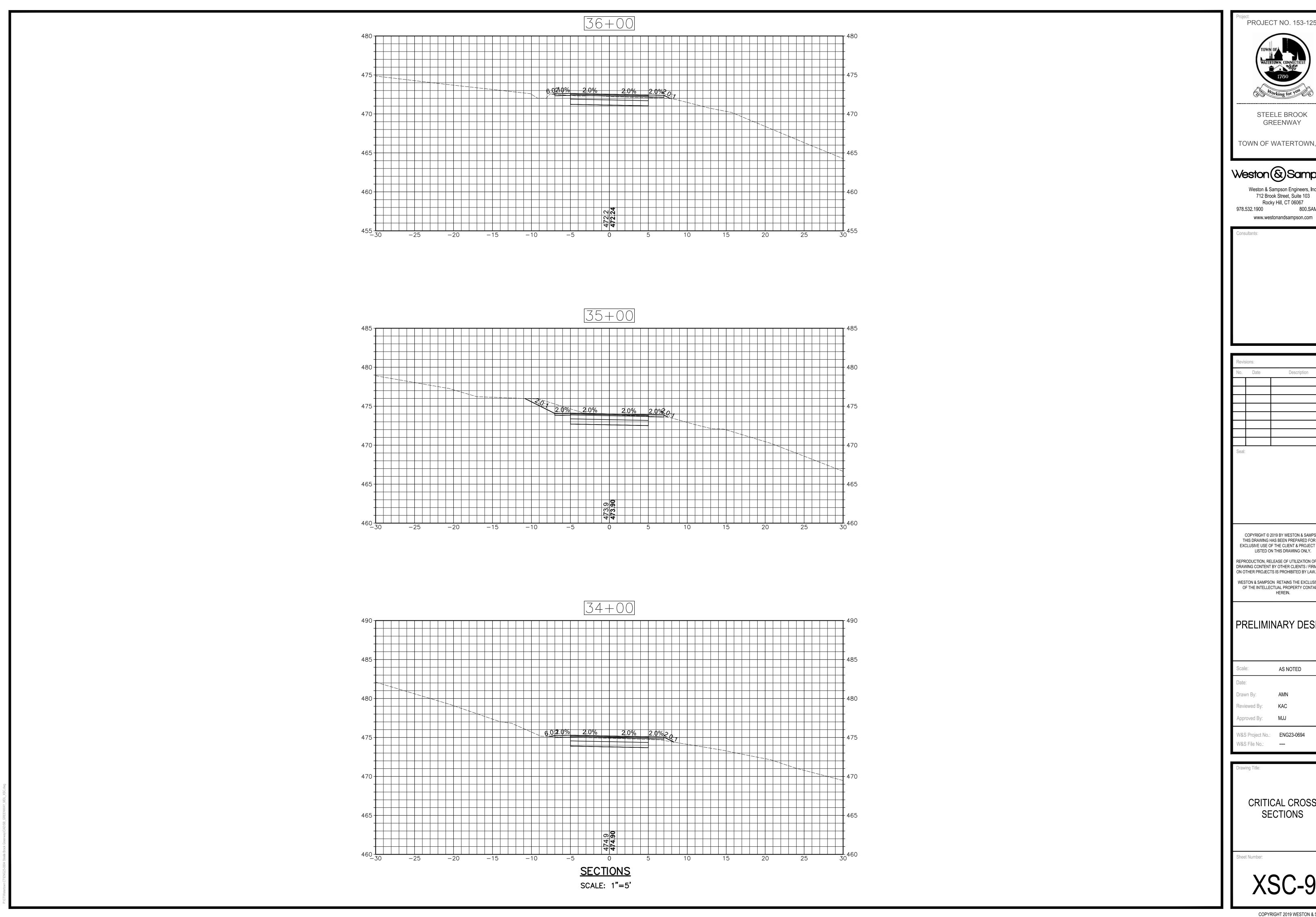
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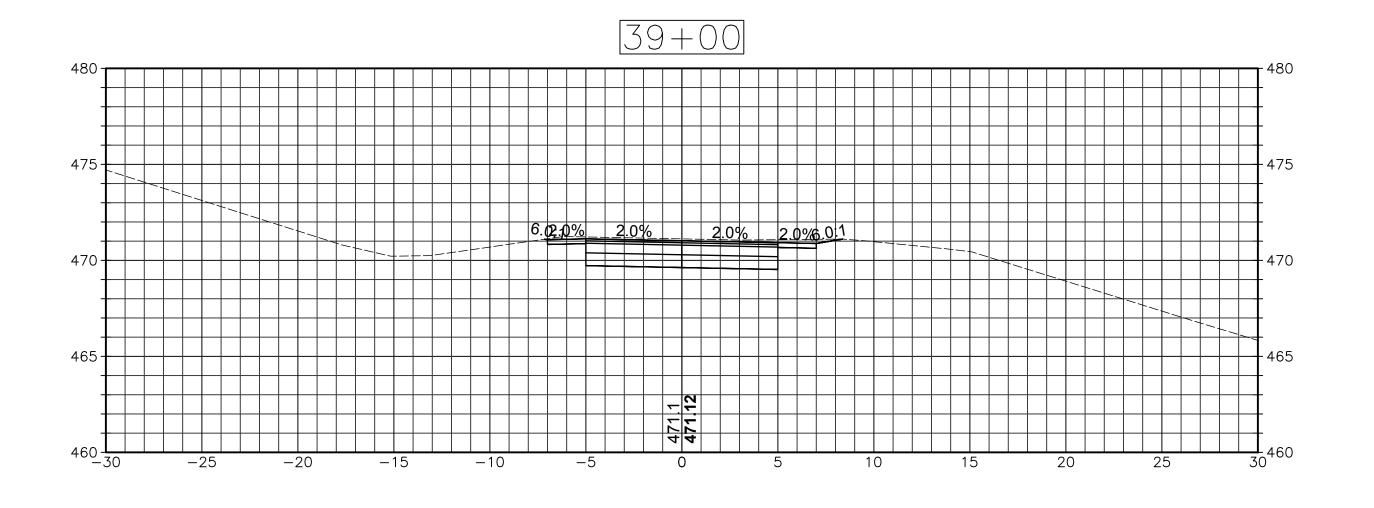
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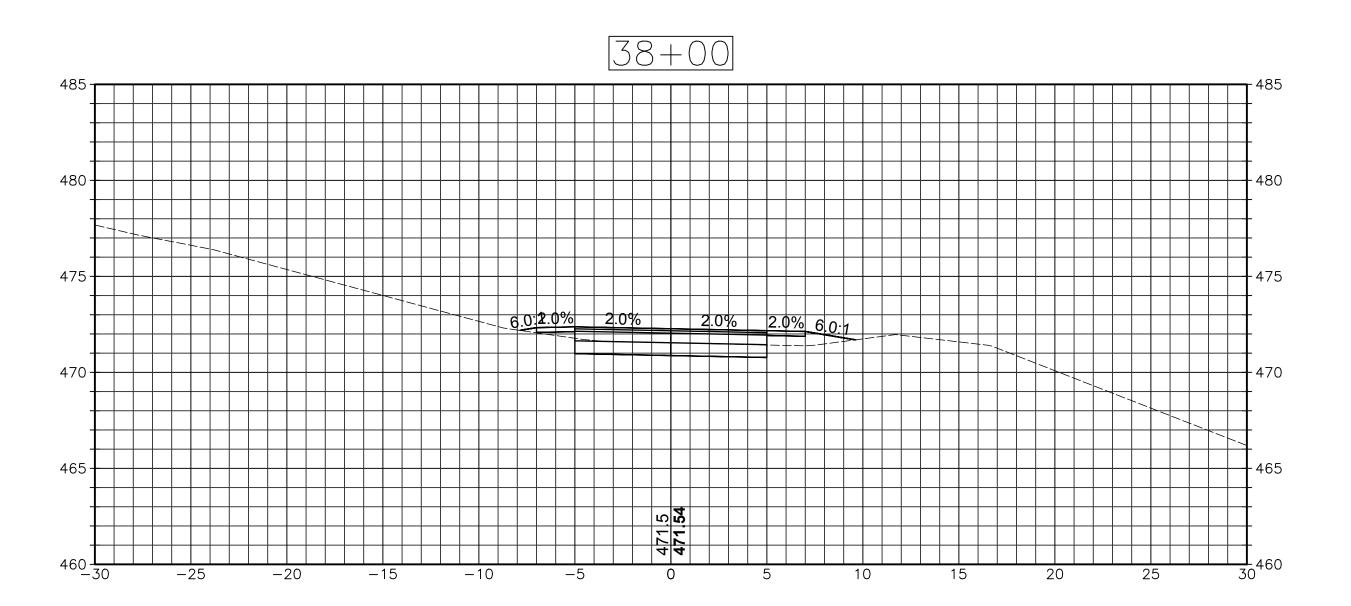
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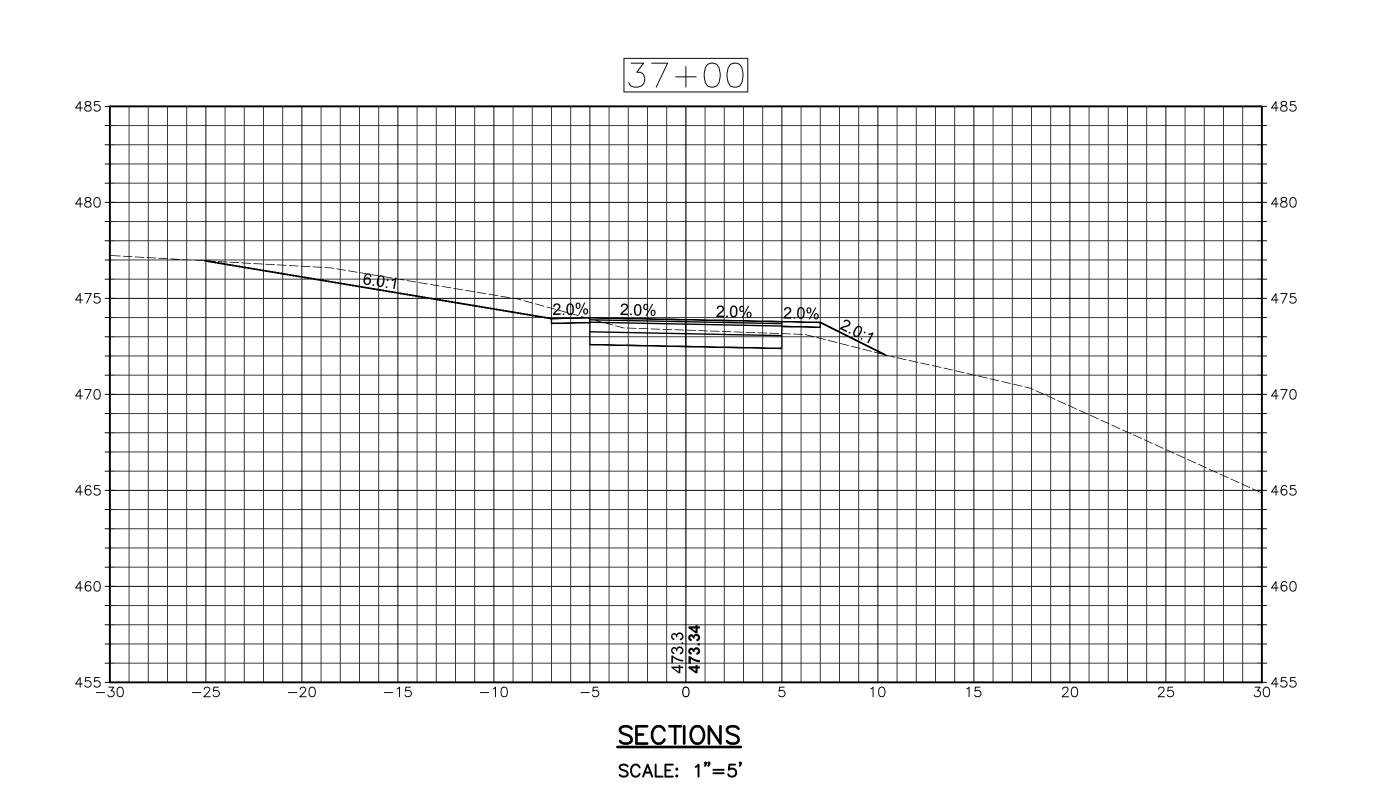
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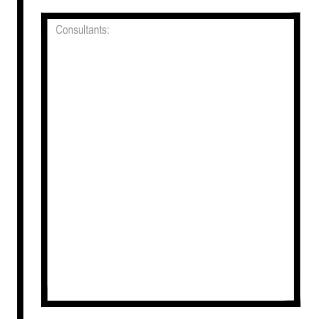




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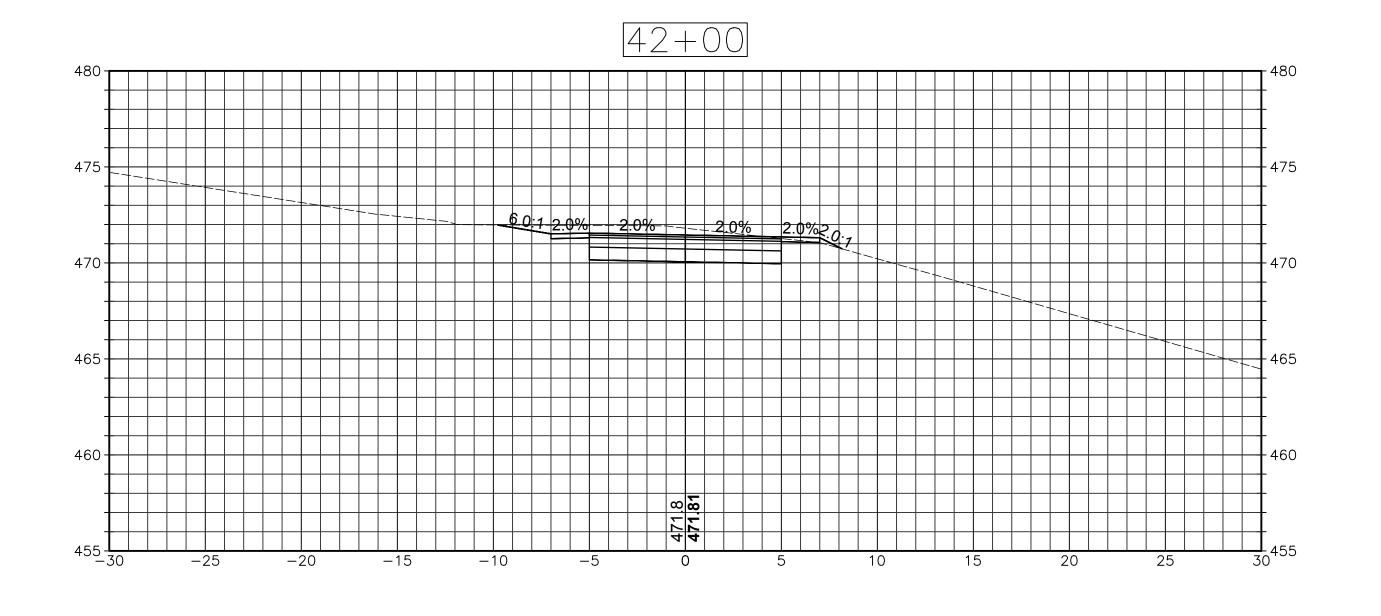
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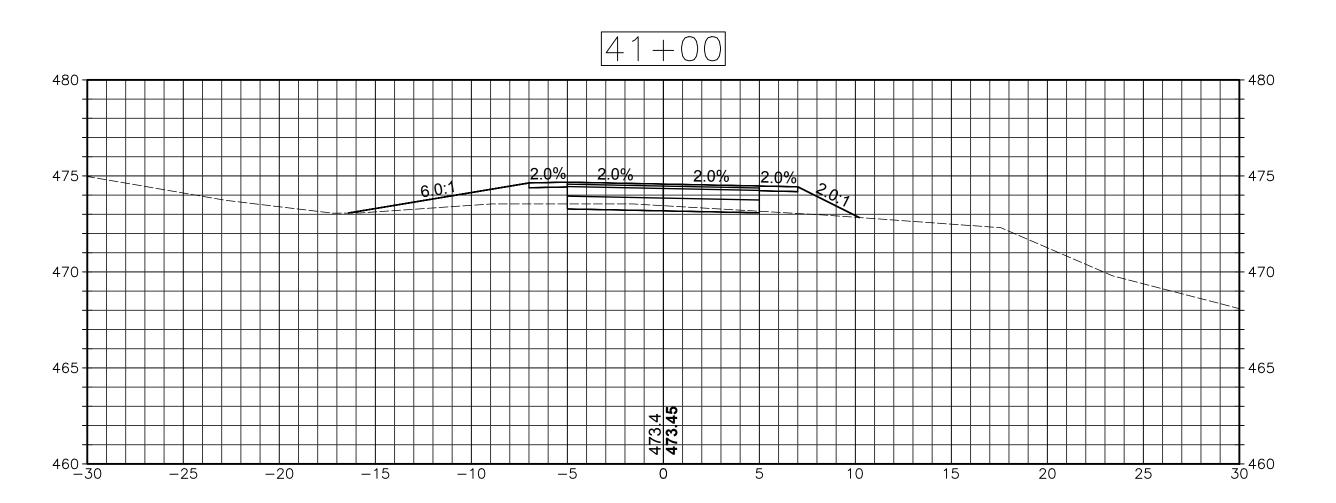
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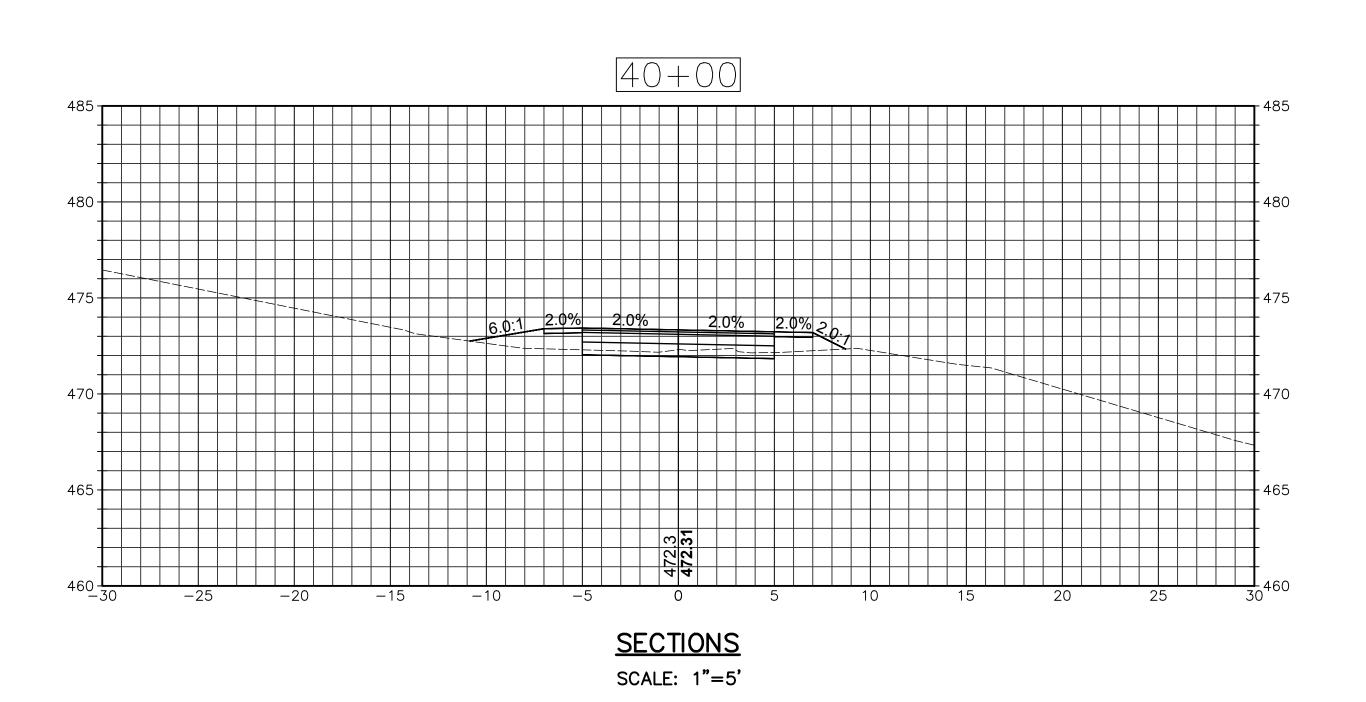
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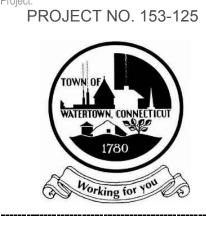
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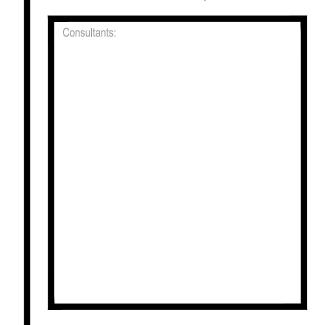




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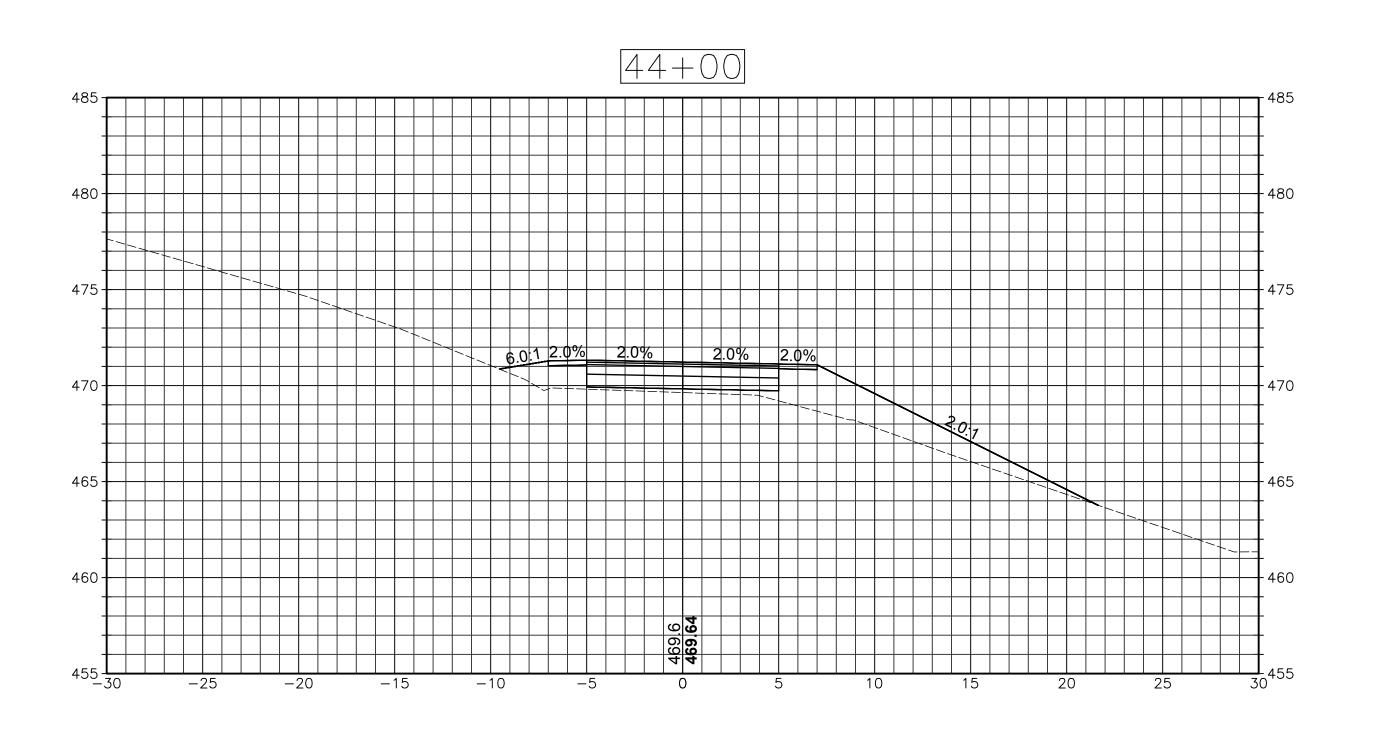
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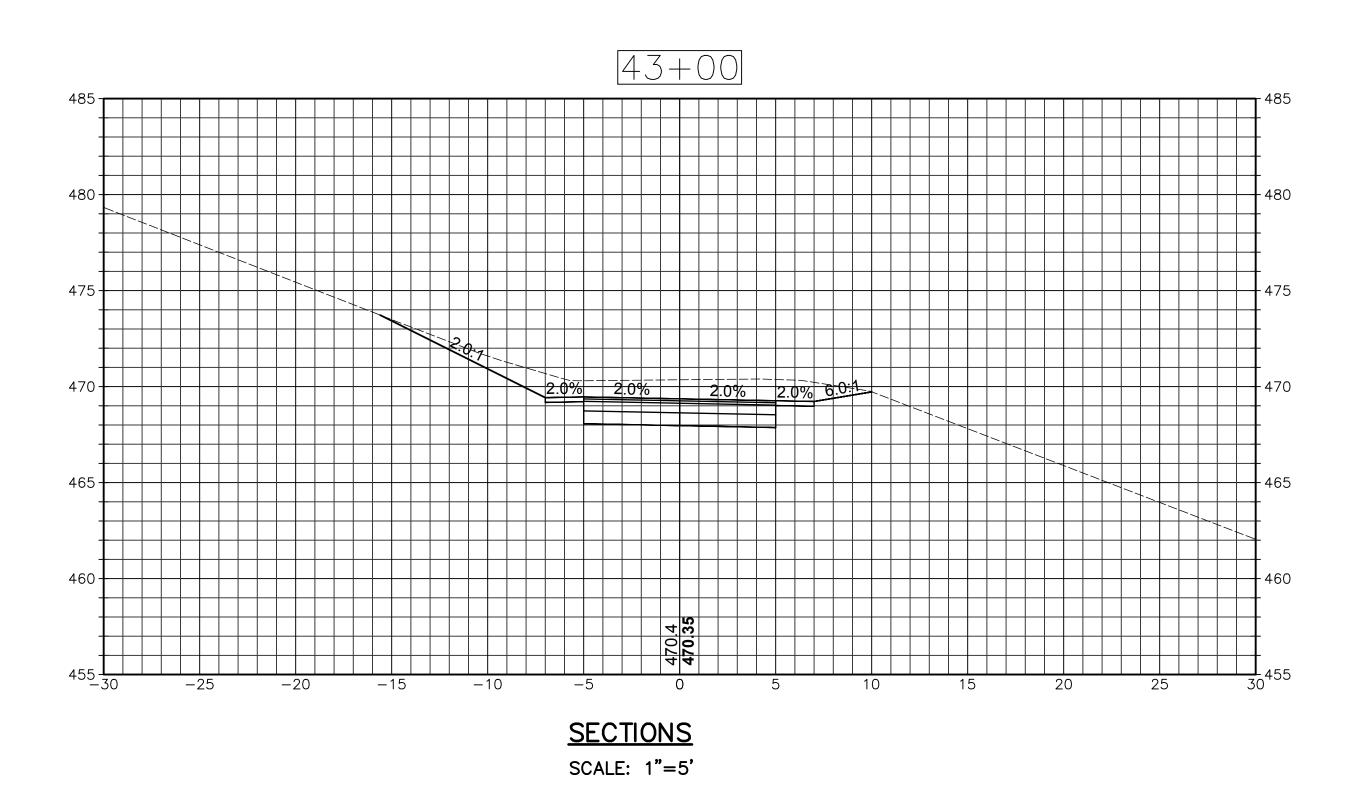
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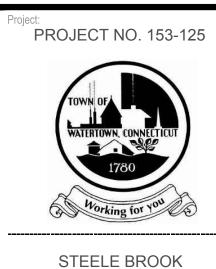
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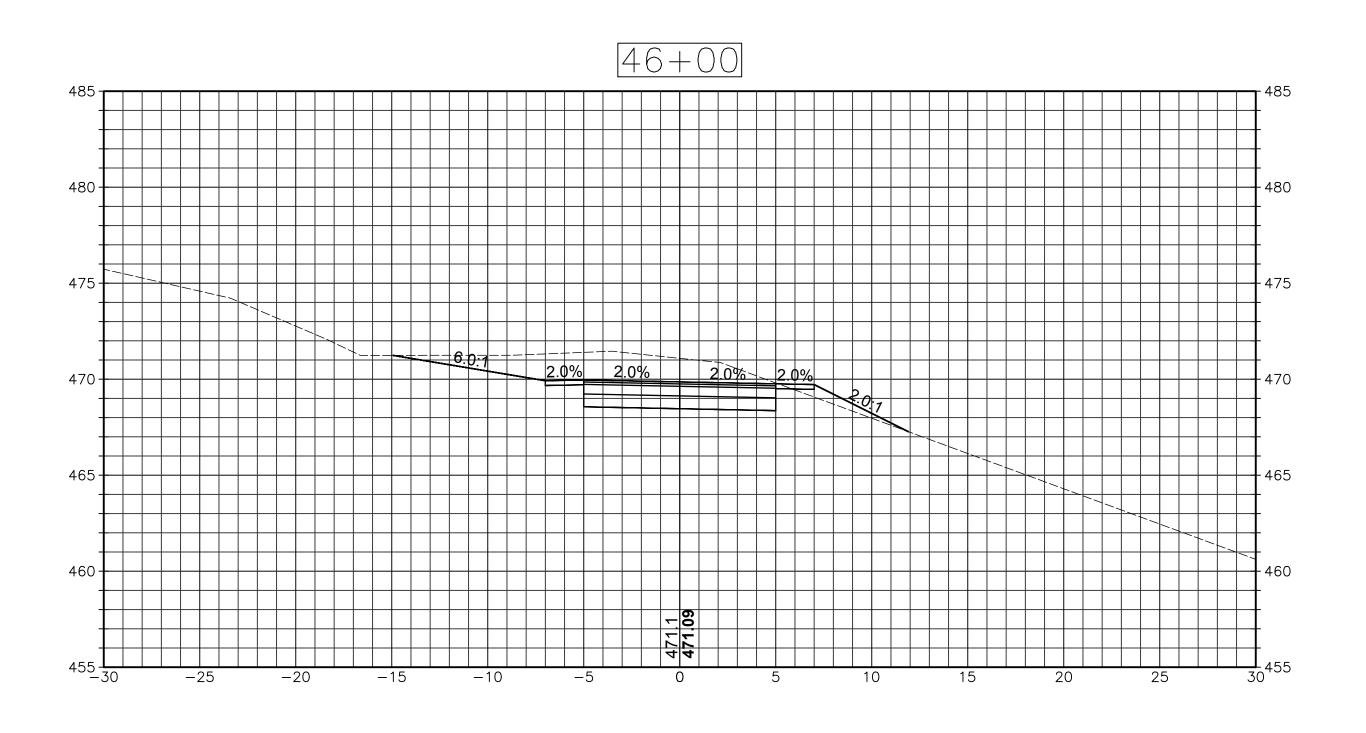
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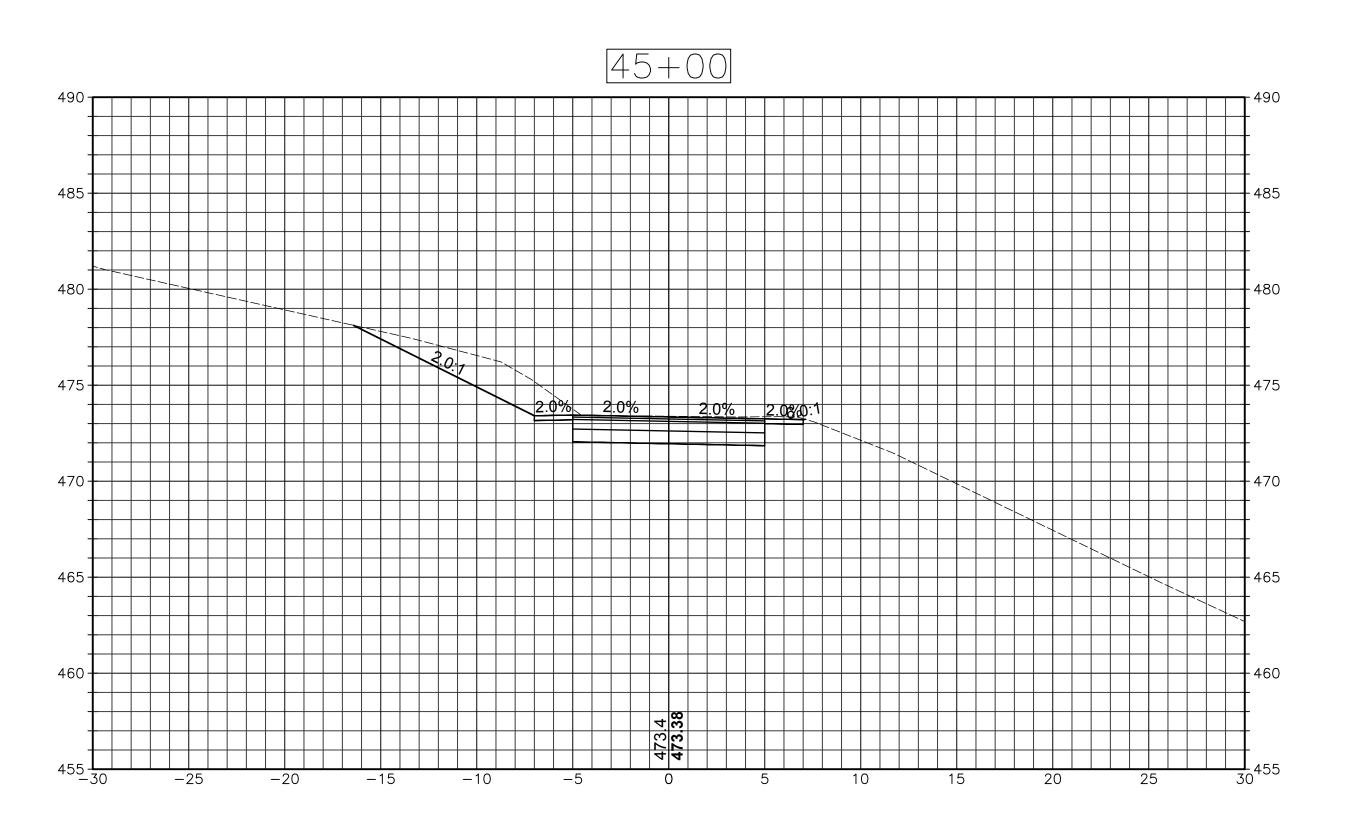
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SECTIONS
SCALE: 1"=5'

PROJECT NO. 153-125

TOWN OF WATERTOWN, CONNECTICUT

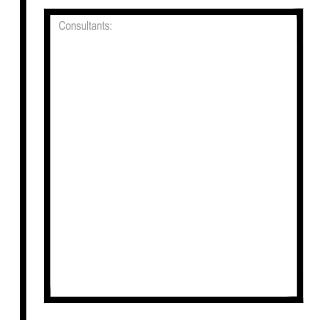
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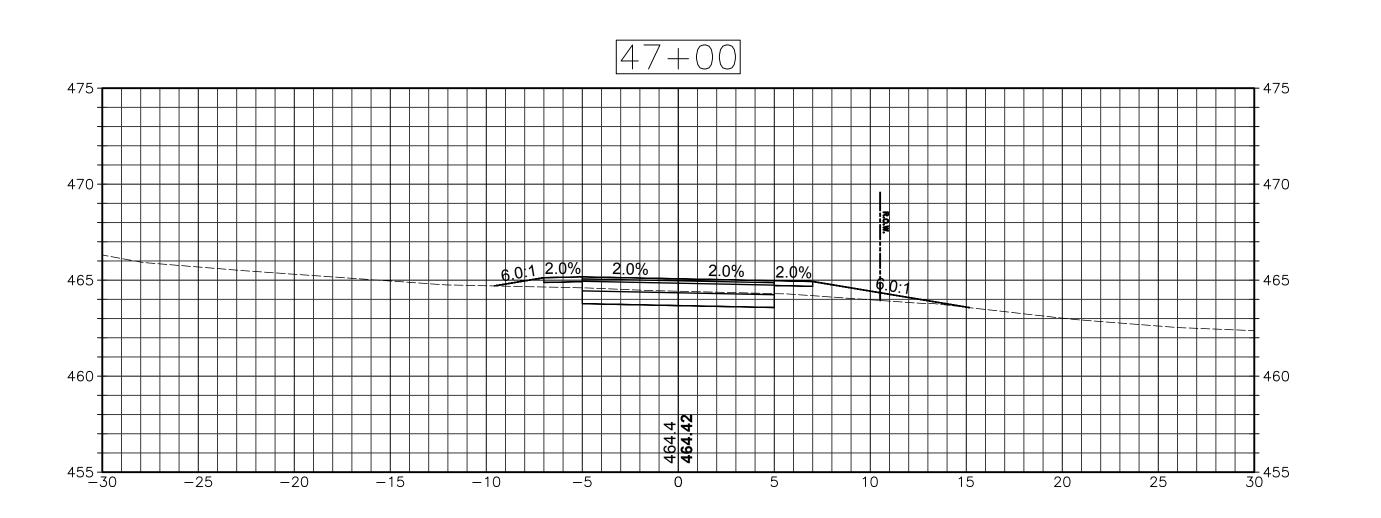
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PROJECT NO. 153-125

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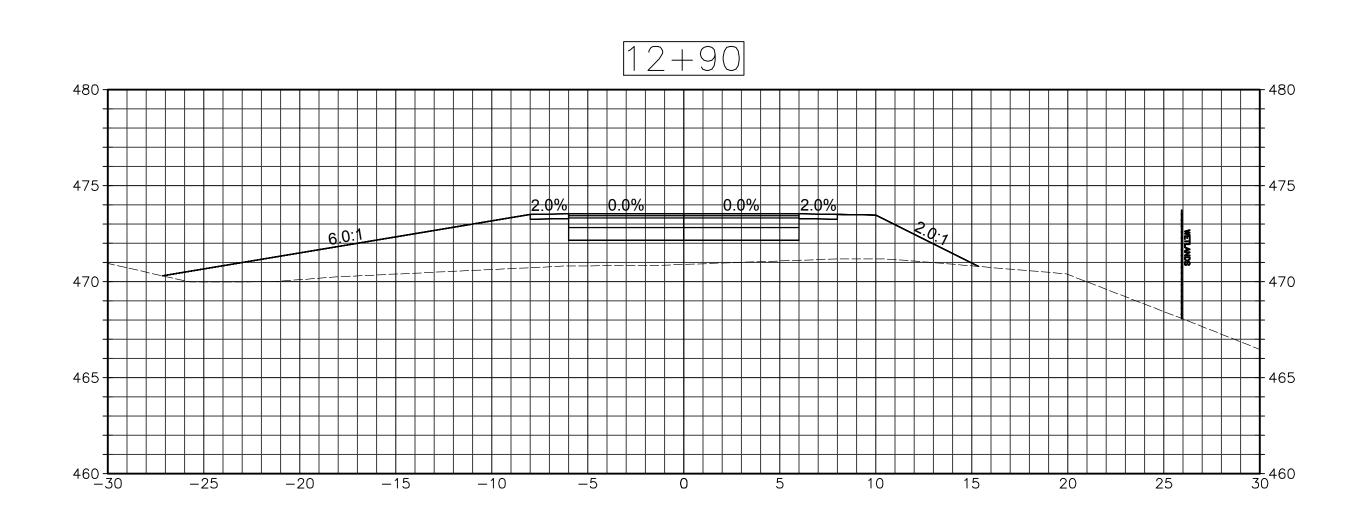
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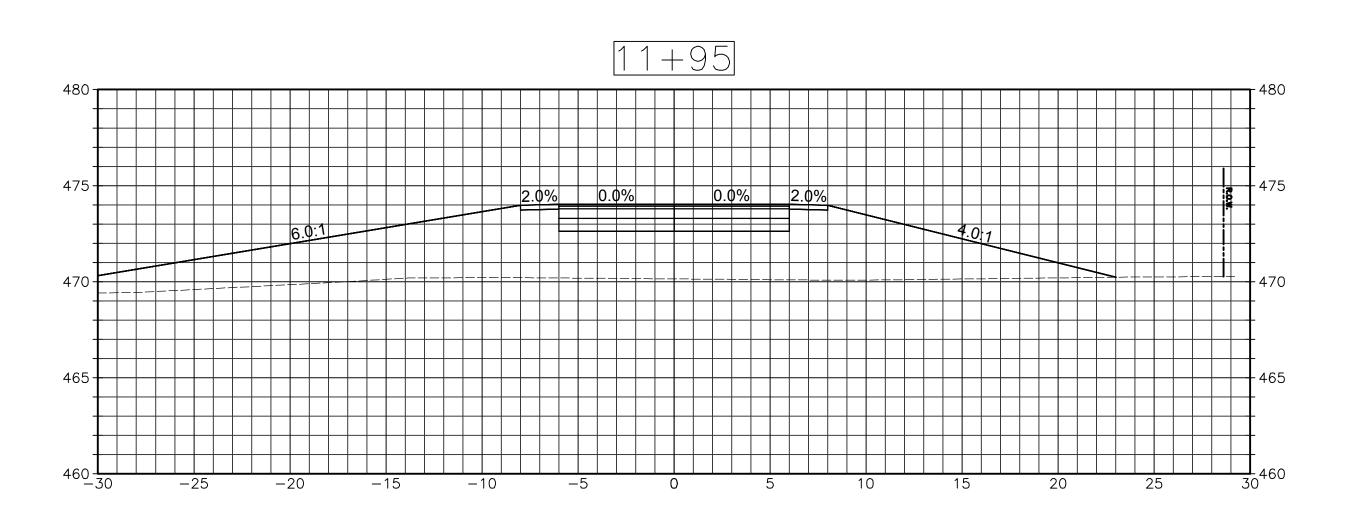
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Sheet Number:

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SCALE: 1"=5'





SECTIONS
SCALE: 1"=5'

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PROJECT NO. 153-125

WATERTOWN, CONNECTICUT

1760

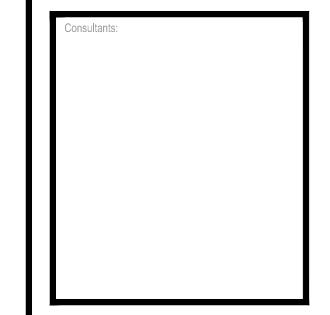
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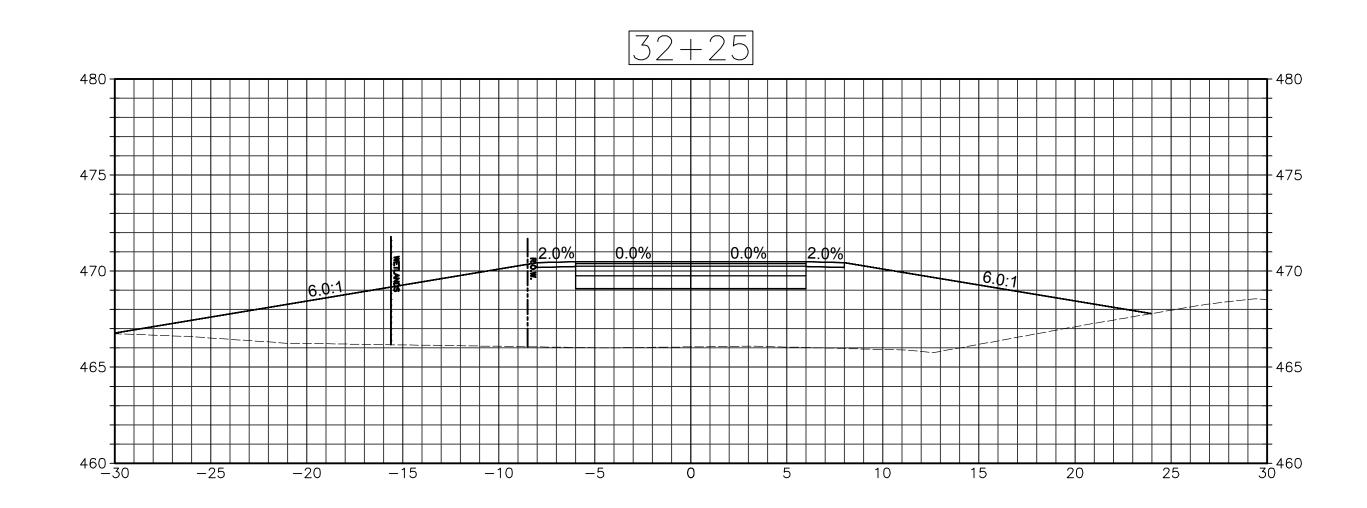
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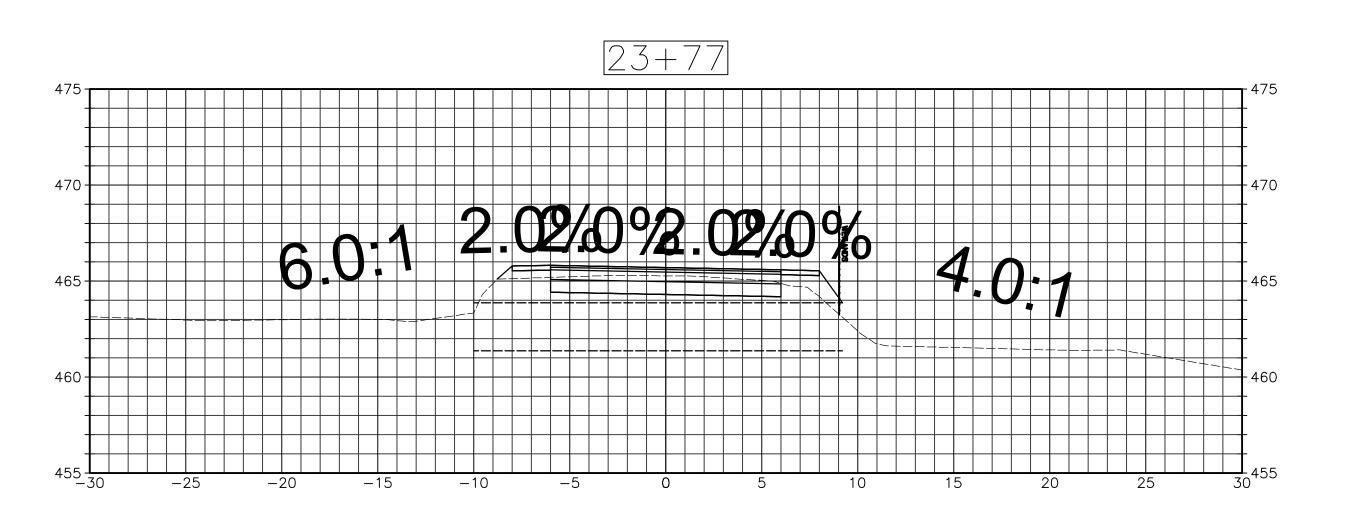
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SCALE: 1"=5'

PROJECT NO. 153-125

TOWN OF WATERTOWN CONNECTICUT

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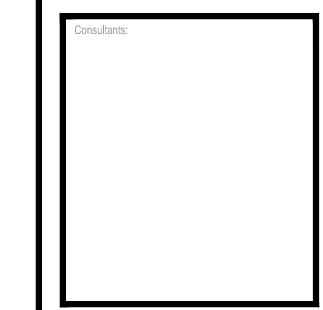
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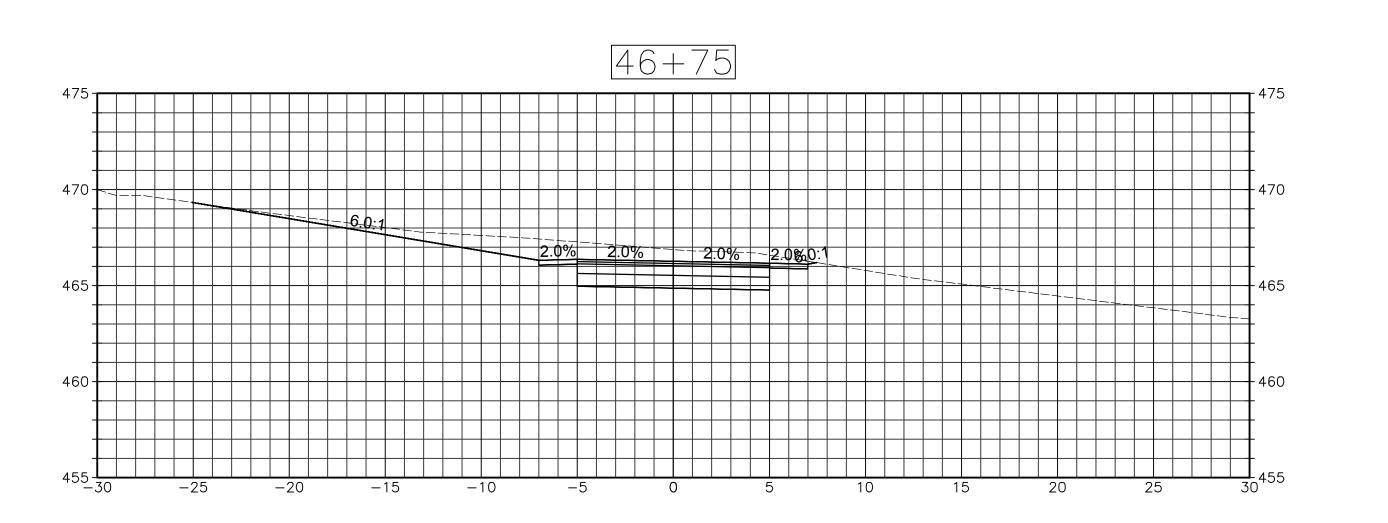
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PROJECT NO. 153-125

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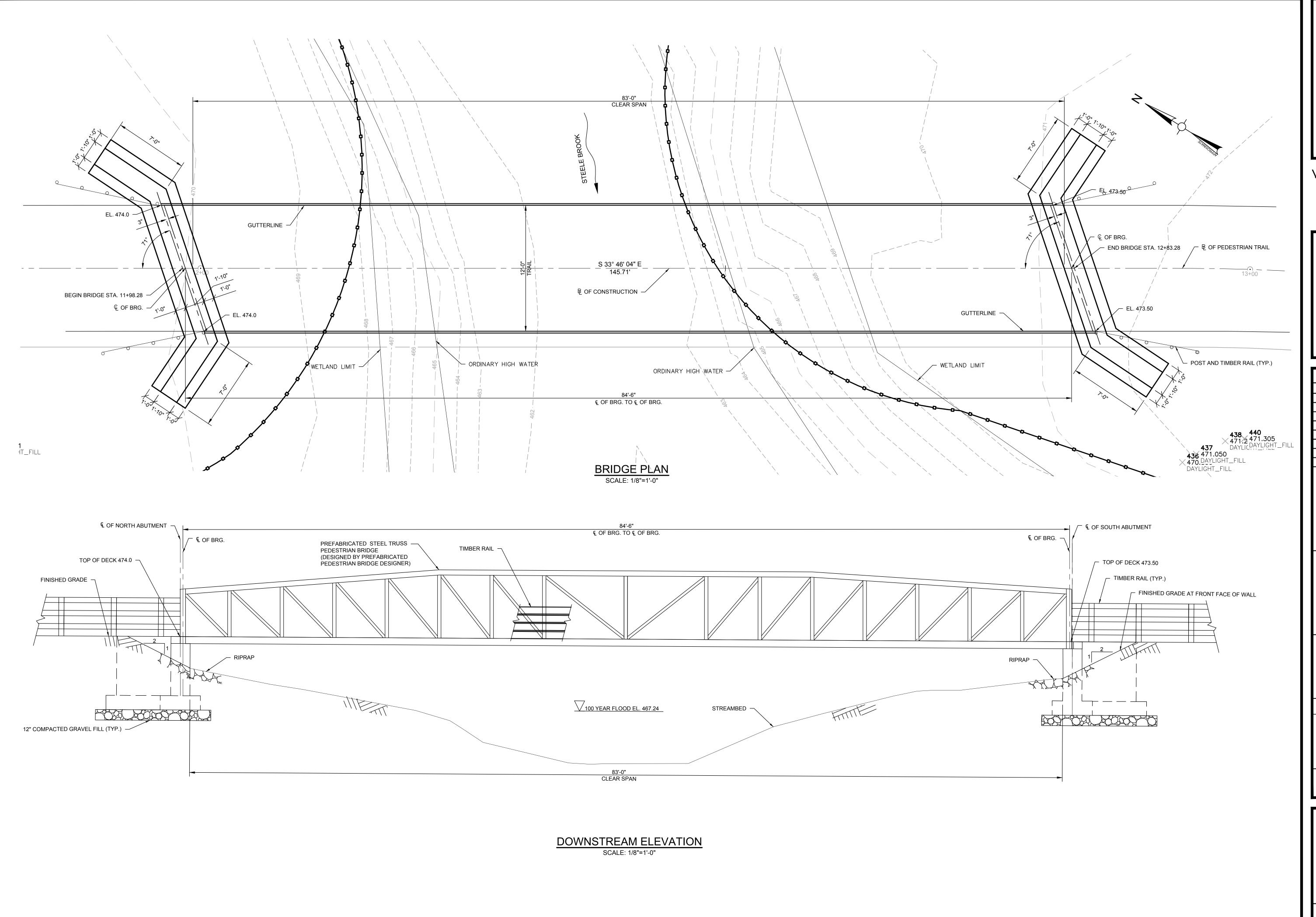
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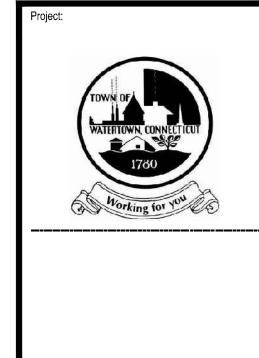
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Drawn By: JR

Approved By: --
W&S Project No.: ENG23-0694

W&S File No.: ----

Drawing Title:

BRIDGE PLAN AND DOWNSTREAM ELEVATION

Sheet Number:

S-1

GENERAL NOTES

SPECIFICATIONS: CONNECTICUT DEPARTMENT OF TRANSPORTATION FORM 817 (2016) WITH SUPPLEMENT SPECIFICATIONS (JANUARY 2019) AND SPECIAL PROVISIONS.

DESIGN SPECIFICATIONS: DESIGNED ACCORDING TO AMERICAN ASSOCIATION OF STATE HIGHWAY AND TRANSPORTATION OFFICIALS LRFD BRIDGE DESIGN SPECIFICATIONS (2017), AS SUPPLEMENTED BY THE CONNECTICUT DEPARTMENT OF TRANSPORTATION BRIDGE DESIGN MANUAL (2003) AND DESIGN AND CONSTRUCTION GUIDELINES FOR GEOSYNTHETIC REINFORCED SOIL ABUTMENTS AND INTEGRATED BRIDGE SYSTEM (FHWA).

ALLOWABLE DESIGN STRESSES:

CLASS "F" CONCRETE......BASED ON f'c = 4,000 PSI

REINFORCEMENT (ASTM A615 GRADE 60).......fy = 60,000 PSI

LIVE LOAD: H-10

FUTURE PAVING ALLOWANCE: NONE

STRUCTURAL STEEL: SEE BRIDGE SUPERSTRUCTURE NOTES FOR DESIGNATIONS AND REQUIREMENTS.

FOUNDATION LOADS: THE VARIOUS GROUP LOADINGS FOUND ON THE SUBSTRUCTURE PLAN SHEETS REFER TO THE GROUP LOADS AS GIVEN IN THE AASHTO LRFD BRIDGE DESIGN MANUAL

DIMENSIONS: WHEN DECIMAL DIMENSIONS ARE GIVEN TO LESS THAN THREE DECIMAL PLACES, THE OMITTED DIGITS SHALL BE ASSUMED TO BE ZEROES

EXISTING DIMENSIONS: DIMENSIONS OF THE EXISTING STRUCTURE SHOWN ON THESE PLANS ARE FOR GENERAL REFERENCE ONLY, THEY HAVE BEEN TAKEN FROM THE ORIGINAL DESIGN DRAWINGS AND ARE NOT GUARANTEED. THE CONTRACTOR SHALL TAKE ALL FIELD MEASUREMENTS NECESSARY TO ASSURE PROPER FIT OF THE FINISHED WORK AND SHALL ASSUME FULL RESPONSIBILITY FOR THEIR ACCURACY.

CLASS "F" CONCRETE: CLASS "F" CONCRETE SHALL BE USED ON SUBSTRUCTURE, BRIDGE SEAT AND PILASTERS

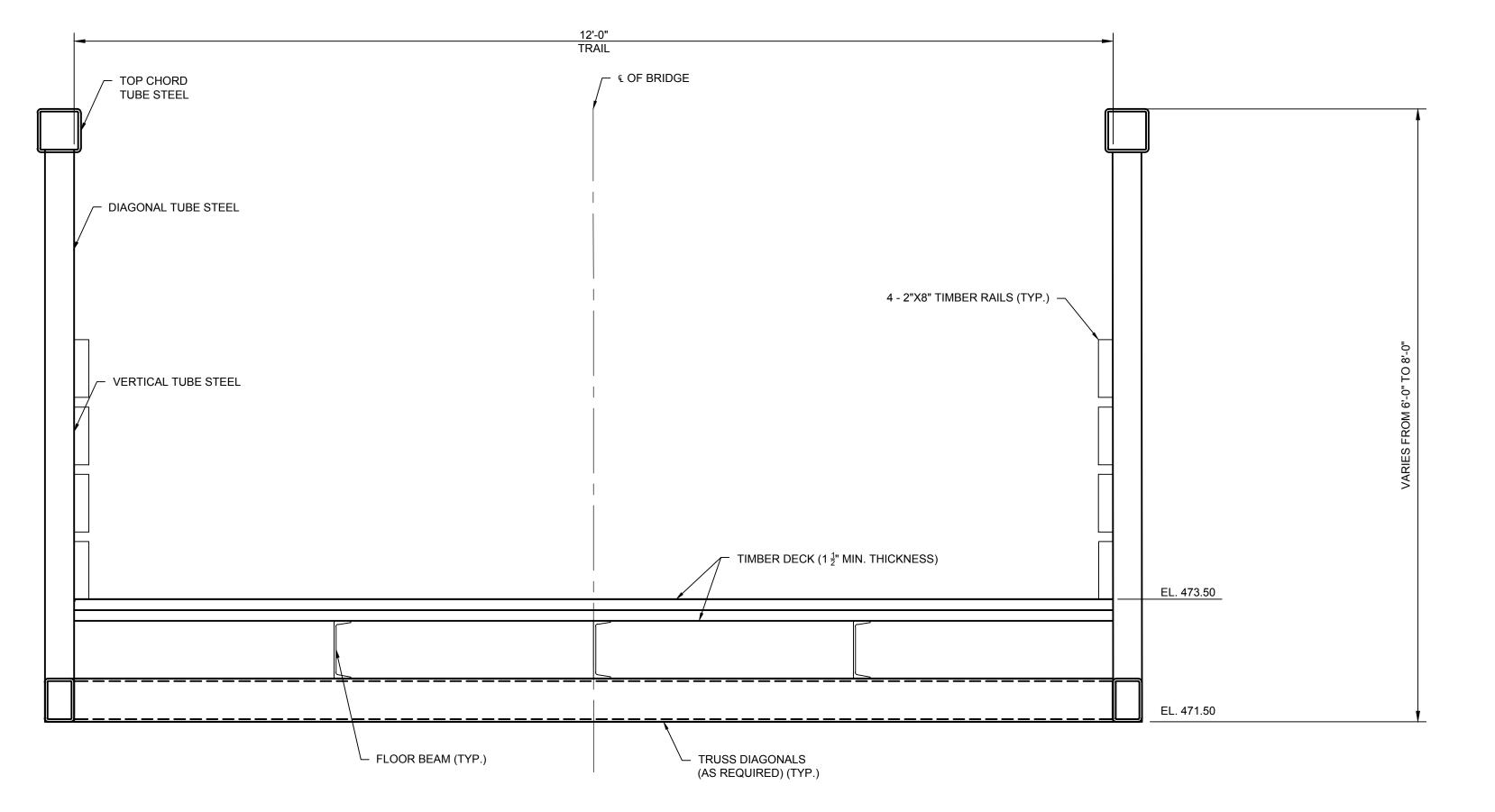
EXPOSED EDGES: EXPOSED EDGES OF CONCRETE SHALL BE BEVELED 1" X 1" UNLESS DIMENSIONED OTHERWISE

CONCRETE COVER: ALL REINFORCEMENT SHALL HAVE TWO INCHES OF COVER UNLESS DIMENSIONED OTHERWISE

REINFORCEMENT: ALL REINFORCEMENT SHALL BE ASTM A615 GRADE 60

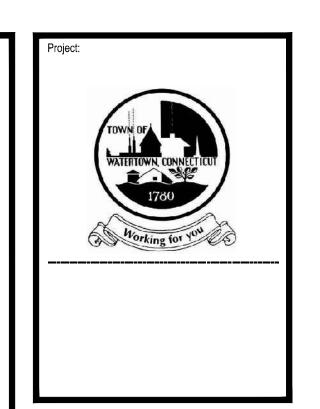
CLOSED CELL ELASTOMER: THE COST OF FURNISHING AND INSTALLING CLOSED CELL ELASTOMER SHALL BE INCLUDED IN THE COST OF THE ITEM "CLASS 'F' CONCRETE."

CONSTRUCTION JOINTS: CONSTRUCTION JOINTS, OTHER THAN THOSE SHOWN ON THE PLANS, WILL NOT BE PERMITTED WITHOUT THE PRIOR APPROVAL OF THE ENGINEER



TYPICAL BRIDGE SECTION

SCALE: 1"=1'-0"



Weston & Sampson

Weston & Sampson Engineers, Inc. 712 Brook Street, Suite 103 Rocky Hill, CT 06067 978.532.1900 800.SAMF

www.westonandsampson.com

Consultants:

Consultants:

Seal:	No.	Date	Description
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Scale: AS NOTED

Date: SEPTEMBER 27, 2023

Reviewed By:
Approved By:

W&S Project No.: ENG23-0694
W&S File No.: ----

Drawing Title

GENERAL NOTES AND TYPICAL SECTION

Sheet Number:

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