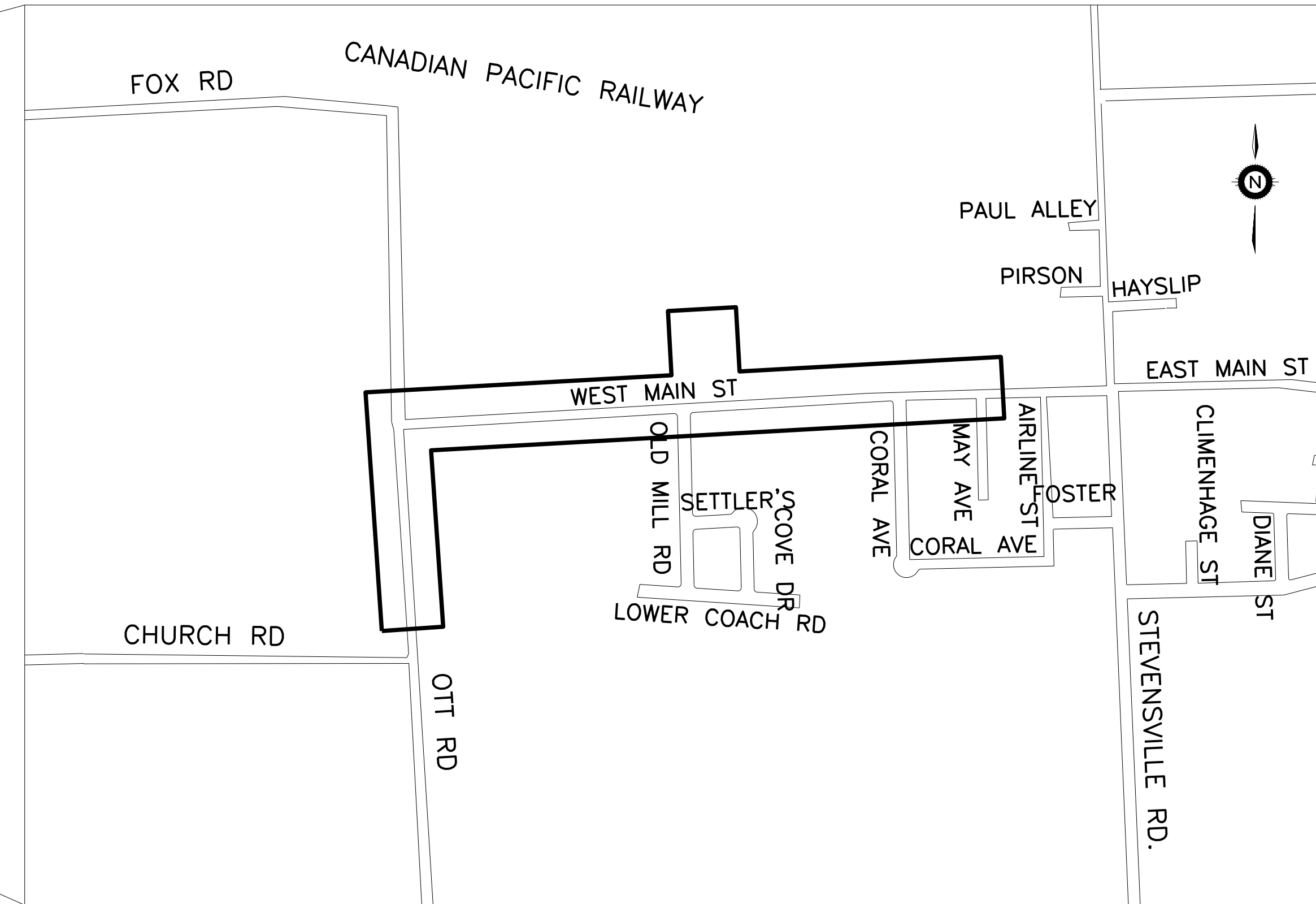
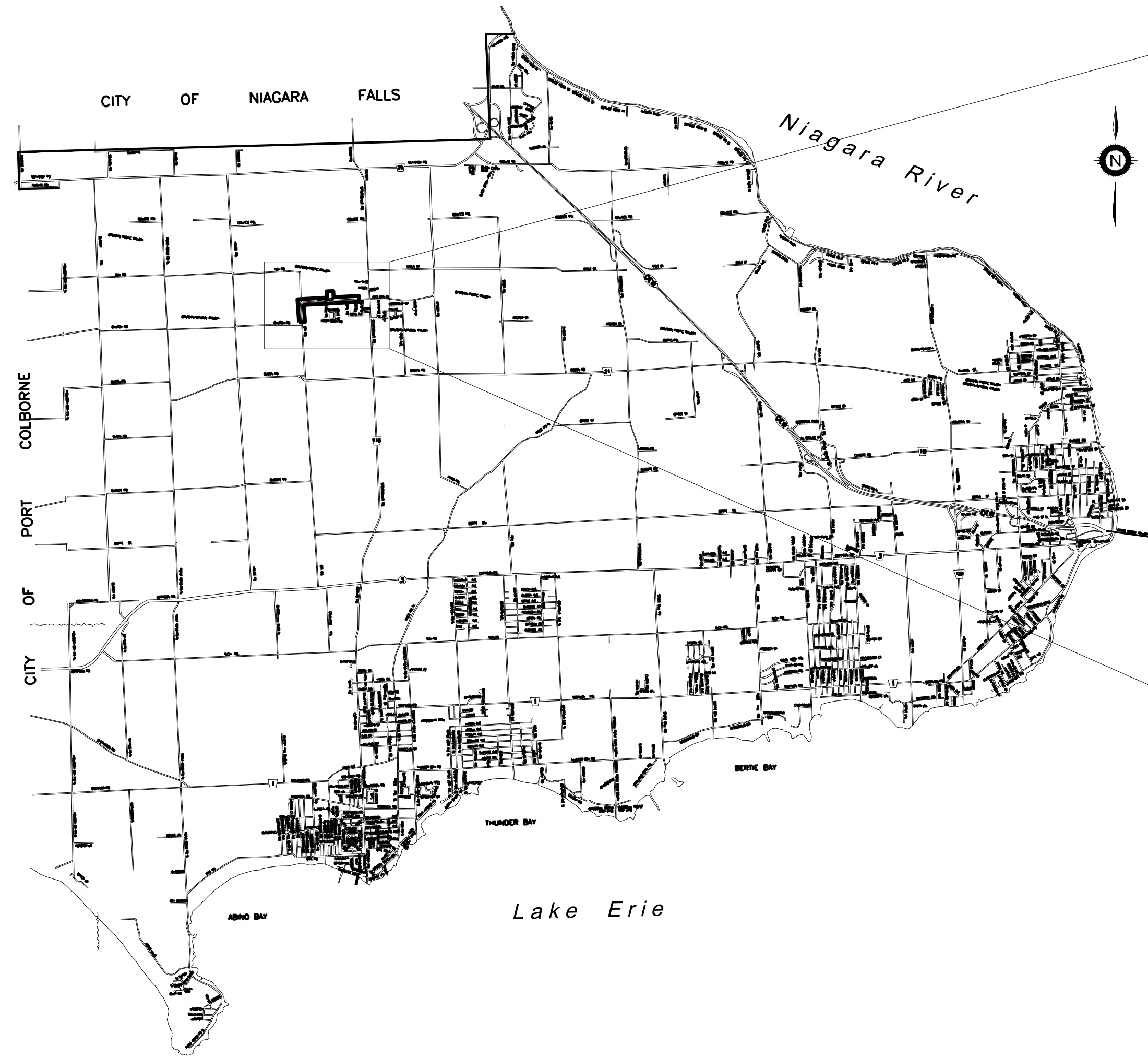




OTT ROAD & WEST MAIN STREET UPGRADE CONTRACT No. ISE-24T-OTTR21/OTTW24/WEST24

**THE CORPORATION OF THE TOWN OF FORT ERIE
INFRASTRUCTURE SERVICES - ENGINEERING DIVISION**

WAYNE H. REDEKOP
Mayor

KELLY M. WALSH, P.Eng.
Director of Infrastructure Services

LIST OF DRAWINGS

DRAWING #	LOCATION	STATIONS
21146-D-1	NOTES, DETAILS, & LEGEND	N/A
21146-PP-01	OTT ROAD	0+980 to 1+130
21146-PP-02	OTT ROAD	1+130 to 1+280
21146-PP-03	OTT ROAD	1+280 to 1+395
21146-PP-04	WEST MAIN STREET	2+000 to 2+150
21146-PP-05	WEST MAIN STREET	2+150 to 2+310
21146-PP-06	WEST MAIN STREET	2+310 to 2+465
21146-PP-07	WEST MAIN STREET	2+465 to 2+615
21146-PP-08	WEST MAIN STREET	2+615 to 2+775
21146-PP-09	WEST MAIN STREET	2+775 to 2+904
21146-PP-10	OUTFALL (SOUTH TO NORTH)	0+000 to 0+100
21146-PP-11	OUTFALL (WEST TO EAST)	0+000 to 0+105
21146-XS-01	OTT ROAD - CROSS SECTIONS	1+020 to 1+148.5
21146-XS-02	OTT ROAD - CROSS SECTIONS	1+160 to 1+327.6
21146-XS-03	OTT ROAD - CROSS SECTIONS	1+340 to 1+360
21146-XS-04	WEST MAIN STREET - CROSS SECTIONS	2+020 to 2+180
21146-XS-05	WEST MAIN STREET - CROSS SECTIONS	2+183.3 to 2+340
21146-XS-06	WEST MAIN STREET - CROSS SECTIONS	2+352.3 to 2+516.5
21146-XS-07	WEST MAIN STREET - CROSS SECTIONS	2+520 to 2+680
21146-XS-08	WEST MAIN STREET - CROSS SECTIONS	2+683.5 to 2+820
21146-XS-09	WEST MAIN STREET - CROSS SECTIONS	2+840 to 2+899.7

**OTT ROAD & WEST MAIN STREET UPGRADE
CONTRACT No. ISE-24T-OTTR21/OTTW24/WEST24**



Scale: 1:500

GENERAL

- PRIOR TO CONSTRUCTION THE CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND EXISTING ELEVATIONS WHICH INCLUDE BUT ARE NOT LIMITED TO THE BENCHMARK ELEVATIONS, EXISTING SERVICE CONNECTIONS, AND EXISTING INVERTS. ANY INCONSISTENCIES AND OMISSIONS ON THIS DRAWING / DRAWING SET MUST BE REPORTED TO THE ENGINEER FOR CLARIFICATION BEFORE COMMENCING THE WORK.
- THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND ABOVE GROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR MUST CONFIRM THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND MUST ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
- INSPECTION BY THE OWNER'S ENGINEER IS FOR CERTIFICATION AND GENERAL CONFORMANCE PURPOSES ONLY AND DOES NOT CERTIFY LINE AND GRADE OF THE WORKS OR IMPLY AN ASSURANCE OF QUALITY CONTROL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE INSTALLATION OF THE WORKS TO PROPER LINE, GRADE AND QUALITY SET BY CURRENT INDUSTRY STANDARDS.
- SURVEY EVIDENCE (MONUMENTS, IRON BARS, ETC.) ARE NOT TO BE DISTURBED, DAMAGED, OR REMOVED.
- ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THE WORKS HEREIN, MUST BE RESTORED TO ORIGINAL CONDITION OR BETTER AS DETERMINED BY THE ENGINEER. ALL GRASS AND VEGETATION COVERED AREAS MUST BE RESTORED BY PLACING A MINIMUM 100mm OF TOPSOIL AND SOD TO ESTABLISH A GRASS COVER TO THE SATISFACTION OF THE TOWN, UNLESS NOTED OTHERWISE.
- ALL CONSTRUCTION SIGNAGE MUST CONFORM TO THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR CANADA (MUTCD) AND THE ONTARIO TRAFFIC MANUAL (OTM).
- ALL WORK MUST BE COMPLETED IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT. THE GENERAL CONTRACTOR MUST BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
- TOWN OF FORT ERIE STANDARD DRAWINGS AND ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD) MUST CONSTITUTE PART OF THE ENGINEERING DESIGN AND CONSTRUCTION CONTRACT.
- ALL WORK MUST BE IN ACCORDANCE WITH THE RELEVANT SECTIONS OF THE ONTARIO PROVINCIAL STANDARD SPECIFICATIONS AND DRAWINGS, AND THE NIAGARA PENINSULA STANDARD CONTRACT DOCUMENT (NPSCD) UNLESS OTHERWISE NOTED ON THE DRAWINGS OR IN THE SPECIFICATIONS.
- ALL MEASUREMENTS ARE IN METRES UNLESS OTHERWISE NOTED.
- COMPUTER DRAWING FILE CO-ORDINATES FOR THIS DRAWING MUST NOT BE USED FOR CONSTRUCTION LAYOUT UNLESS SPECIFICALLY DIRECTED BY THE ENGINEER.
- ALL GRANULAR MATERIAL MUST BE COMPACTED TO 100% STANDARD PROCTOR DENSITY (SPD) AND ALL NATIVE BACKFILL MUST BE COMPACTED TO 95% SPD UNLESS OTHERWISE NOTED.
- GRANULAR BACKFILL AROUND MAINTENANCE HOLES AND CATCHBASINS MUST BE COMPACTED BY MECHANICAL MEANS TO A MINIMUM OF 100% SPD.
- ALL EXCAVATION IN EXISTING ROADWAYS OR OTHER PAVED SURFACES MUST BE BACKFILLED WITH GRANULAR 'A' COMPACTED TO 100% SPD MINIMUM. AREAS WITHIN THE FUTURE R.O.W. WHICH REQUIRE FILL IN EXCESS OF 0.30m ARE SUBJECT TO COMPACTION TESTS AND SUCH TESTS MUST SHOW A MINIMUM COMPACTION OF 98% SPD AT ALL DEPTHS.
- ALL STRUCTURES IDENTIFIED FOR REMOVAL ARE TO BE REMOVED IN ACCORDANCE WITH OPSS.MUNI 510.

ROADS AND EARTHWORKS

- FILL FOR NEW ROADWAY AREAS TO BE CONSTRUCTED IN ACCORDANCE WITH OPSS 501 IN 200mm THICK LIFTS, USING SUITABLE NATIVE EXCAVATED OR IMPORTED MATERIAL APPROVED BY CONTRACT ADMINISTRATOR AND GEOTECHNICAL ENGINEER. THE SUBSOIL BELOW ANY ROADWAY OR PARKING AREA MUST BE PROOF ROLLED AND INSPECTED BY THE GEOTECHNICAL ENGINEER OR HIS DESIGNATE PRIOR TO THE PLACEMENT OF ANY GRANULAR MATERIAL. THE UPPER 0.6m BELOW ANY RIGID OR PAVED SURFACE MUST BE COMPACTED TO 98% SPD MIN.
- CONCRETE BARRIER CURB AND GUTTER PER OPSD 600.040, MIN. 30 MPa STRENGTH.
- ALL CURB MUST BE UNDERLAIN WITH 100mmØ PERFORATED HDPE SUBDRAIN PIPE WITH POLYESTER/NYLON FILTER SOCK PER OPSS 405, GRANULAR 'A' SURROUND PER OPSD 216.021, UNWRAPPED TRENCH, OUTLETING TO CATCHBASINS.
- ALL CURB TERMINATIONS TO BE PER OPSD 608.010 UNLESS OTHERWISE NOTED.
- 1.5m WDE CONCRETE SIDEWALK (UNLESS SHOWN OTHERWISE) AS PER OPSD 310.010 AND 310.020 (125mm THICKNESS), MIN. 30 MPa STRENGTH WITH 150mm DEEP GRAN 'A' BASE AS REQUIRED TO PROVIDE LEVELLING COURSE FOR CONCRETE. AT RESIDENTIAL DRIVEWAYS, CONCRETE DEPTH TO BE MIN. 150mm. ALL INTERSECTIONS ARE TO BE CONSTRUCTED WITH DEPRESSIONS PER OPSD 310.030 UNLESS OTHERWISE NOTED.
- SIDEWALK RAMPS AT INTERSECTIONS SHALL HAVE TACTILE WARNING SURFACE INDICATORS PER NPSCD SPC-B34.
- ROADWAY SHALL ADHERE TO TOWN STANDARDS OR AS RECOMMENDED BY GEOTECHNICAL ENGINEER, WHICHEVER IS GREATER. MINIMUM GRANULAR COMPACTED THICKNESSES FOR ROADWAY PER OPSS 310 & 314 AND NPSCD SPC-B14 AS FOLLOWS:

SURFACE COURSE	40mm	HL3-HS
BINDER COURSE	50mm	HL3-HS
GRANULAR BASE	450mm	GRAN. 'A'
TOTAL THICKNESS	540mm	
- GRAN 'A' TO BE CRUSHER-RUN IN ACCORDANCE WITH OPSS.MUNI 1010, COMPACTED TO 100% SPD.
- WHERE DISTURBED OR DAMAGED, REINSTATEMENT OF EXISTING ROADS MUST COMPLY WITH THE REQUIREMENTS OF THE ROAD AUTHORITY. PAVEMENT REINSTATEMENT MUST COMPLY WITH OPSD 509.010 & OPSS 310. SERVICE TRENCHES ARE TO BE SAWCUT SQUARE PRIOR TO PAVING OPERATION.
- WHERE DISTURBED OR DAMAGED, ASPHALT DRIVEWAYS TO BE REINSTATED UP TO STREETLINE (UNLESS OTHERWISE SPECIFIED TO MEET MIN. OR MAX. DRIVEWAY SLOPE PERCENTAGES) WITH 50mm HL3 SURFACE COURSE ASPHALT AND MIN. 200mm GRAN 'A' BASE COMPACTED TO 100% SPD, OR DEPTH TO MATCH EXISTING, WHICHEVER IS GREATER.
- WHERE DISTURBED OR DAMAGED, CONCRETE DRIVEWAYS TO BE REINSTATED UP TO STREETLINE (UNLESS OTHERWISE SPECIFIED TO MEET MIN. OR MAX. DRIVEWAY SLOPE PERCENTAGES) OR NEAREST SAWCUT IF DEEMED SUITABLE BY CONTRACT ADMINISTRATOR, WITH MIN. 200mm THICK, 35MPa CONCRETE AND MIN. 150mm GRAN 'A' BASE COMPACTED TO 100% SPD.
- AREAS TO BE SODDED MUST INCLUDE MIN. 100mm TOPSOIL, AND AREAS TO BE SODDED OVER GRANULAR MUST HAVE MIN. 200mm TOPSOIL PER OPSS 801. SOD TO BE IN ACCORDANCE WITH OPSS 803. PLACED TOPSOIL MUST BE FREE OF ANY AND ALL GRANULAR PARTICLES OR OTHER MATERIALS DELETERIOUS TO PLANT GROWTH.

EROSION AND SEDIMENT CONTROL

- ALL CONSTRUCTION SHALL BE CARRIED OUT IN SUCH A WAY THAT SILTATION OR OTHER DAMAGE TO WATER COURSES DOES NOT OCCUR. THE REQUIREMENTS OF THE MINISTRY OF NATURAL RESOURCES AND THE GREATER GOLDEN HORSESHOE AREA CONSERVATION AUTHORITIES' EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION ARE TO BE ADHERED TO IN THIS RESPECT.
- EROSION CONTROL MEASURES MUST BE IN PLACE PRIOR TO THE START OF CONSTRUCTION AND MAINTAINED UNTIL THE SITE IS STABILIZED.
- SILT FENCE SHALL BE HEAVY-DUTY AS PER OPSD 219.130. GEOTEXTILE MATERIAL SHOULD BE WOVEN WITH A WEAVE DENSITY OF 270r OR EQUIVALENT.
- SILT FENCE INSTALLATION AND MAINTENANCE CONSIDERATIONS:
 - GEOTEXTILE MUST BE STRETCHED TIGHT DURING INSTALLATION AND THE BOTTOM EDGE BURIED A MINIMUM OF 150mm WITH COMPACTION OF THE EXCAVATED BACKFILL.
 - CLEAR GRANULAR STONE PLACEMENT CAN BE USED IN FROZEN OR UNFROZEN CONDITIONS TO ASSIST IN FILTERING SEDIMENT LADEN WATERS.
 - SILT FENCE MUST BE INSPECTED REGULARLY AND AFTER EVERY RAINFALL TO IDENTIFY FAILED SECTIONS. ANY FAILURE MUST BE REPAIRED IMMEDIATELY.
 - WHEN SEDIMENT ACCUMULATES TO HALF THE HEIGHT OF THE GEOTEXTILE IT SHOULD BE REMOVED AND DISPOSED OF IN A CONTROLLED AREA.
 - A SUPPLY OF SILT FENCE SHALL BE KEPT ON SITE TO PROVIDE FOR QUICK REPAIRS OR ADDITIONAL FENCING REQUIREMENTS.
- ANY SEDIMENT LADEN WATER PUMPED FROM BEHIND THE PROPOSED EROSION AND SEDIMENT CONTROL WORKS MUST BE DIRECTED THROUGH A SEDIMENT TRAP OR OTHER SUITABLE CONTROL MEASURE PRIOR TO RE-ENTERING BLACK CREEK.

NOTES:

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- PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.
- THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. THE TOWN OF FORT ERIE ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.

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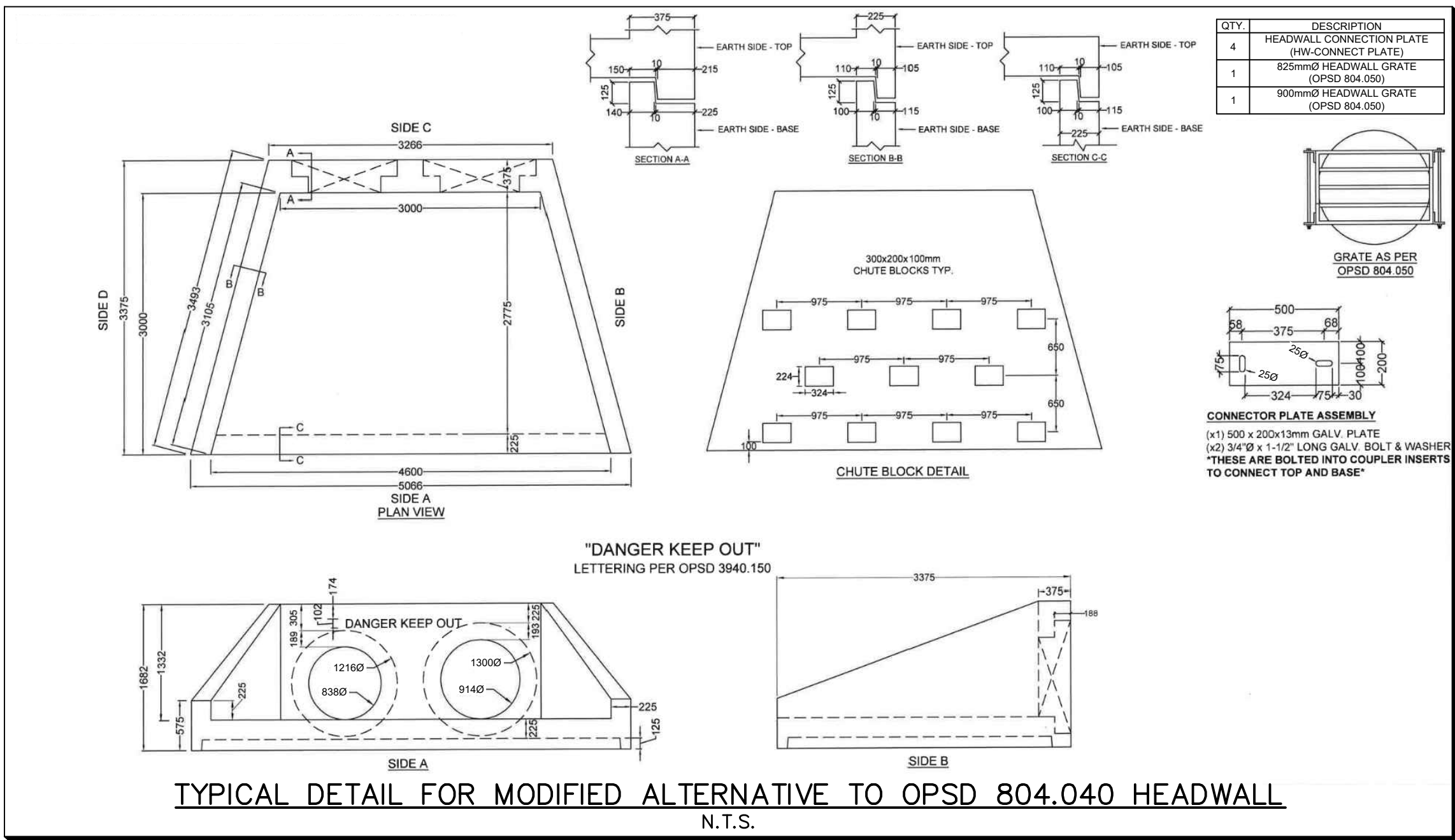
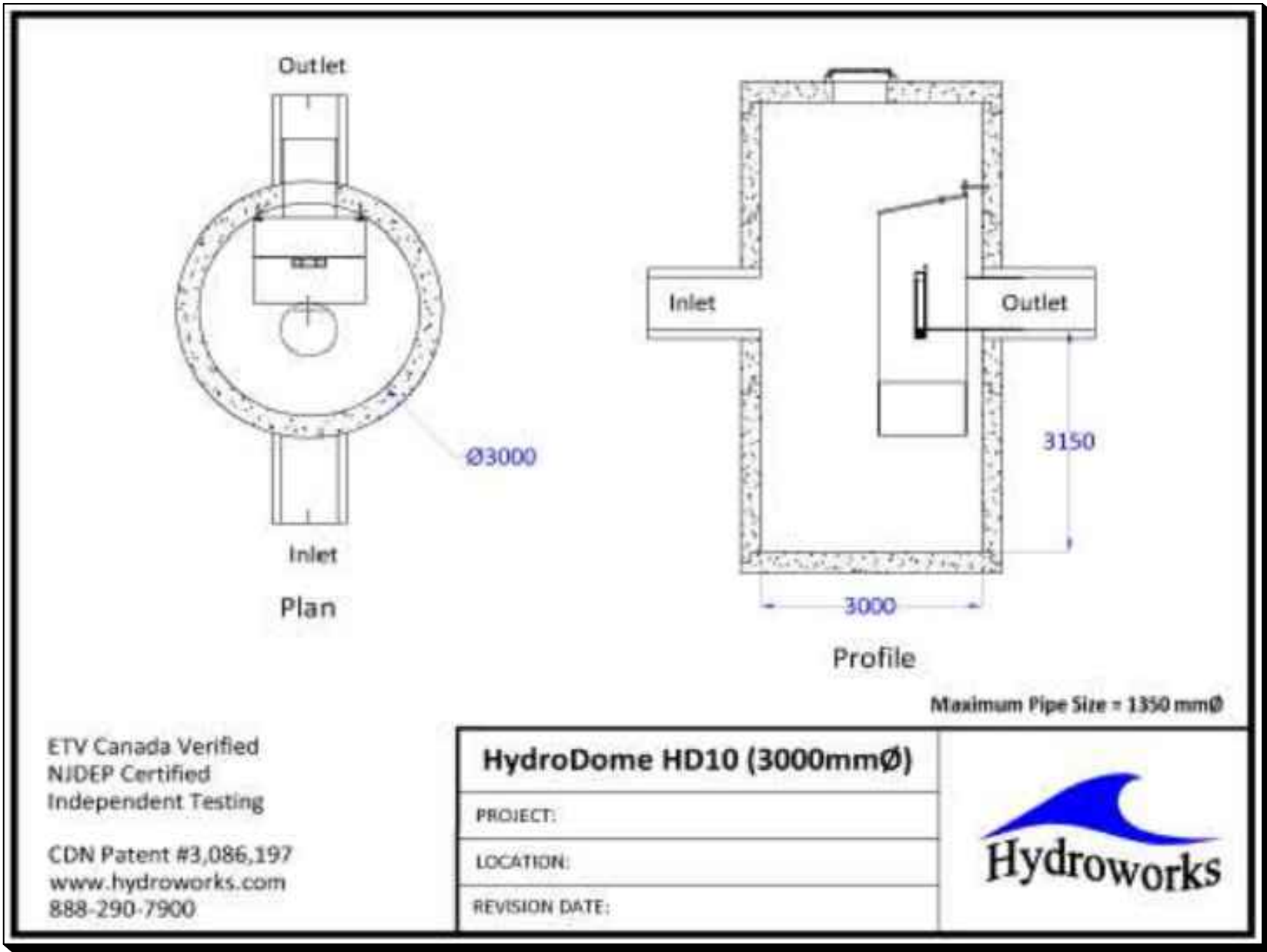
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STORM SEWERS

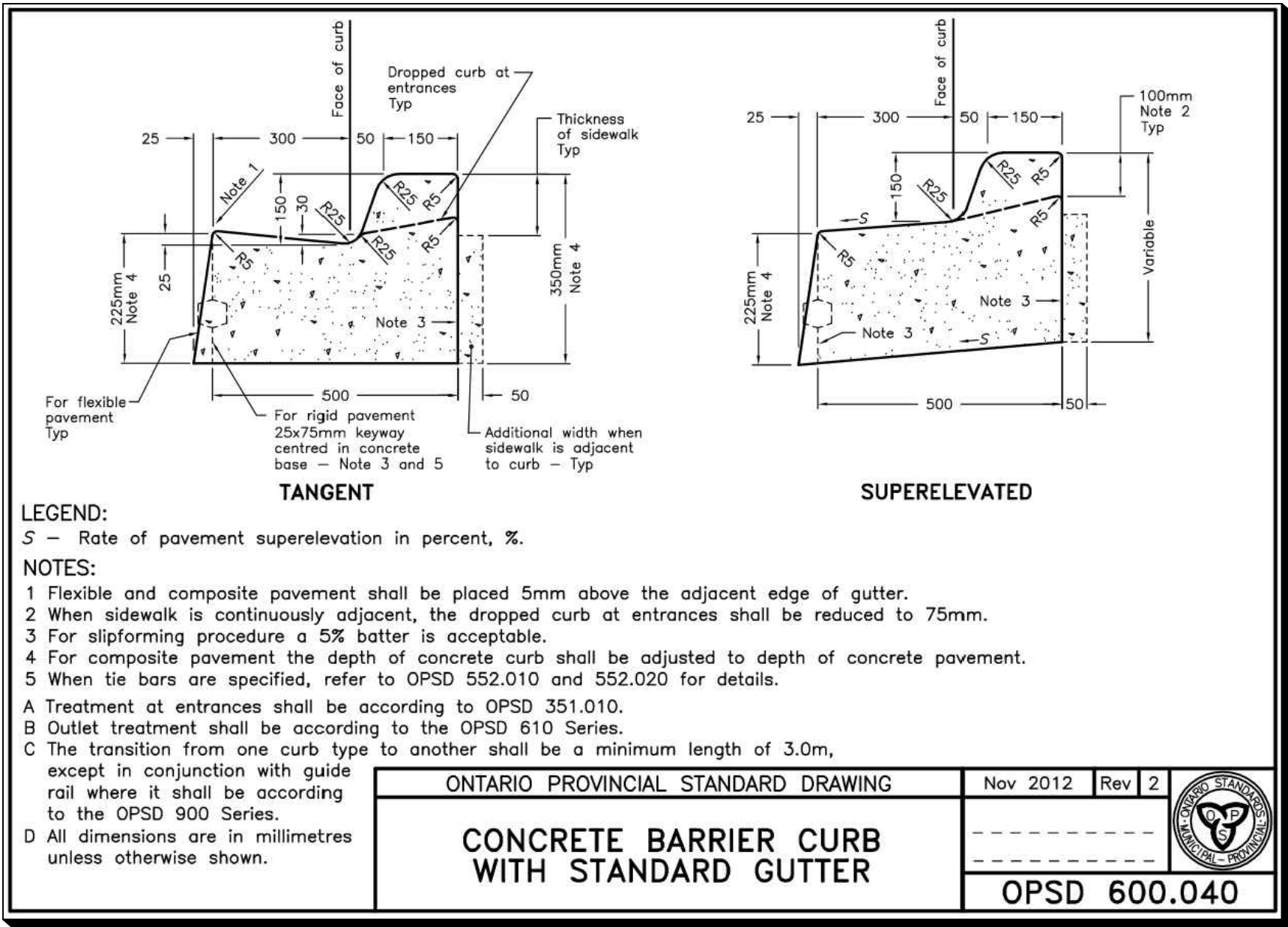
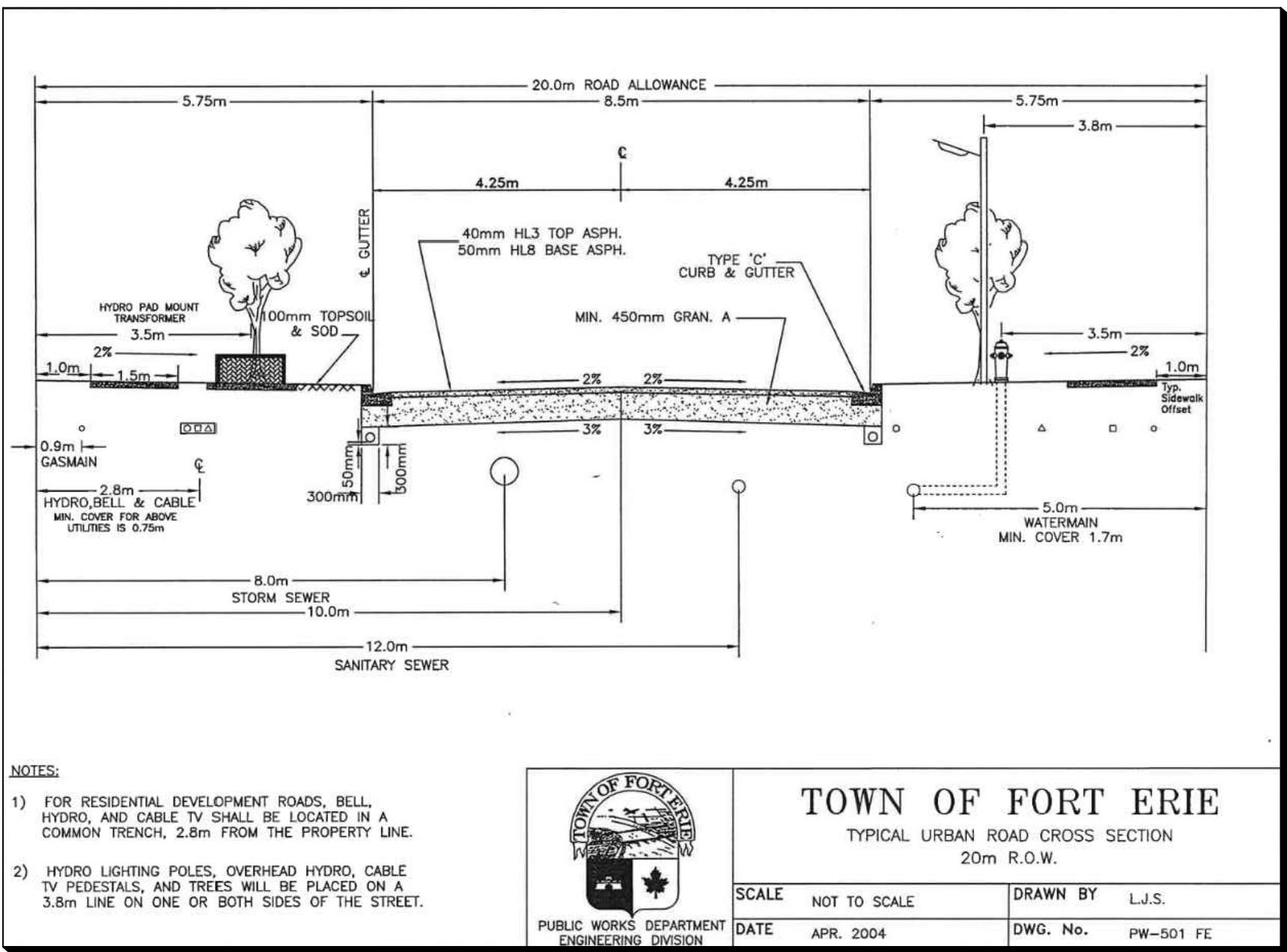
- CONSTRUCTION OF STORM SEWERS MUST BE IN ACCORDANCE WITH TOWN STANDARDS & SPECIFICATIONS (LATEST EDITION) AND MINISTRY OF ENVIRONMENT (MOE) GUIDELINES (LATEST EDITION).
- STORM MAINTENANCE HOLES MUST BE IN ACCORDANCE WITH OPSD 701.010, 701.011, 701.012 AND 701.013 (AS APPLICABLE).
- MAINTENANCE HOLE FRAME AND COVERS SHALL BE PER OPSD 401.010.
- SINGLE CATCHBASINS & TWIN INLET CATCHBASINS MUST BE IN ACCORDANCE WITH OPSD 705.010 AND 705.020 (RESPECTIVELY).
- CATCHBASIN FRAME AND GRATES SHALL BE PER OPSD 400.020.
- ALL INSTALLED CATCHBASINS TO HAVE TERRAFIX SILTSACK INSTALLED IMMEDIATELY AFTER PLACEMENT AND MAINTAINED UNTIL SITE IS STABILIZED.
- ALL STORM SEWERS AND CATCHBASIN LEADS TO BE EITHER CONCRETE, CLASS III PER CSA A257.1 & A257.2 WITH CLASS "B" BEDDING PER OPSD 802.030, OR, PVC SDR-35 PER CSA 182.1 & 182.2 WITH GRAN 'A' EMBEDMENT PER OPSD 802.010, UNLESS OTHERWISE NOTED.
- STORM SEWER BEDDING TO BE PER OPSD 802 SERIES, WITH GRAN 'A' COVER. ALL BEDDING AND COVER MATERIAL TO BE COMPACTED TO 100% SPD. BACKFILL MATERIAL TO BE SELECT NATIVE COMPACTED TO 95% SPD, WITH THE TOP 500mm OF MATERIAL COMPACTED TO 100% SPD.
- GENERALLY A MIN. CLEARANCE OF 225mm MUST BE PROVIDED BETWEEN THE OUTSIDE OF THE PIPE BARRELS AT THE POINT OF PIPE CROSSING FOR SEWERS AND OTHER UTILITIES. FOR WATERMAIN CROSSINGS WHERE A MIN. CLEARANCE OF 500mm CANNOT BE OBTAINED, THE CROSSING MUST BE CONCRETE ENCASED.

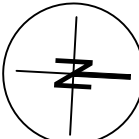
WATERMAIN

- CONSTRUCTION OF WATERMAIN AND PRIVATE SERVICES MUST BE IN ACCORDANCE WITH TOWN STANDARDS & SPECIFICATIONS (LATEST EDITION) AND MINISTRY OF ENVIRONMENT (MOE) GUIDELINES (LATEST EDITION).
- MIN. DEPTH OF COVER OVER WATERMAIN AND PRIVATE SERVICES MUST BE 1.7m FROM THE TOP OF PIPE TO THE FINISHED GROUND ELEVATION.
- WATERMAINS OF 100mmØ AND GREATER MUST BE AWWA C900 PVC CLASS 235 (DR-18) WITH GASKETED JOINTS, OR APPROVED EQUIVALENT IN ACCORDANCE WITH OPSS 701, OPSD 1103.010, 1003.020, AND 1109.011.
- WATER SERVICE CONNECTIONS SHALL BE 20mmØ TYPE 'K' SOFT COPPER AS PER OPSD 1104.010 & TOWN OF FORT ERIE STANDARDS.
- WATERMAIN BEDDING MUST BE GRAN 'A' BEDDING AND COVER MATERIAL PER OPSD 802 SERIES, ALL BEDDING AND COVER MATERIAL TO BE COMPACTED TO 100% SPD. WITHIN THE PROPERTY, BACKFILL MATERIAL TO BE SELECT NATIVE COMPACTED TO 95% SPD, WITH THE TOP 500mm OF MATERIAL COMPACTED TO 100% SPD.
- PROVIDE MINIMUM 0.15m VERTICAL CLEARANCE BETWEEN THE WATERMAIN AND INFRASTRUCTURE CROSSING THE TRENCH, WHERE THE WATERMAIN CROSSES SANITARY OR STORM SEWERS OR LATERALS, PROVIDE MINIMUM 0.50m VERTICAL CLEARANCE BETWEEN THE OUTSIDE OF WATERMAIN AND OUTSIDE OF SEWER LATERAL. A MINIMUM CLEAR HORIZONTAL SEPARATION OF 2.5m MUST BE MAINTAINED BETWEEN ANY SEWER & ANY PARALLEL WATERMAIN.
- A TRACER WIRE MUST BE INSTALLED WITH ALL NON-METALLIC PIPES FOR THE WATERMAIN. TRACER WIRE CONTINUITY OF ELECTRICAL CURRENT MUST BE TESTED AND VERIFIED BY THE CONTRACTOR. TRACER WIRE TO BE DIRECTLY CONNECTED TO EACH WATER SERVICE CONNECTION. 8-GAUGE, 7-STRAND COPPER TRACING, WITH JACKET RATED FOR DIRECT BURIAL, MUST BE INSTALLED ALONG THE SPRING-LINE ALONG ITS ENTIRE LENGTH, ALONG HYDRANT LEAD AND EXTENDED ABOVE EXPOSED FLANGE AT HYDRANT.
- WHERE WATERMAIN BEND FITTINGS ARE NOT DENOTED, VERTICAL AND HORIZONTAL ALIGNMENT OF WATERMAIN TO BE ACHIEVED BY BENDING OF THE PIPE BARREL IN ACCORDANCE WITH THE MANUFACTURER'S DIRECTIONS.
- ALL METALLIC FITTINGS, HYDRANTS, VALVES ETC. MUST BE PROTECTED USING A DENSO ANTI-CORROSION PROTECTION SYSTEM, CONSISTING OF PRIMER, MASTIC AND TAPE IN ACCORDANCE WITH MANUFACTURERS RECOMMENDATIONS. ALL WATER SERVICE CONNECTIONS MUST HAVE CATHODIC PROTECTION CONSISTING OF HIGH-GRADE ZINC SACRIFICIAL ANODES, TYPE 550-12 (12g or 5.5kg), AS PER TOWN STANDARDS.
- THRUST BLOCKS MUST BE FORMED CONCRETE BRACED AGAINST A SUFFICIENT AREA OF UNDISTURBED EARTH PER OPSD 1103.010 & 1103.020 OR THEY MUST BE TIE TO THE PIPE WITH SUITABLE METAL TIE RODS OR RETAINING GLANDS AS APPROVED BY DIRECTOR OF PUBLIC WORKS.
- HYDRANTS MUST BE IN ACCORDANCE WITH OPSD 1105.010 WITH A MINIMUM 150mmØ LEAD AND DRAIN HOLES PLUGGED BY MANUFACTURER.
- NEW HYDRANTS MUST BE FLOW TESTED AND COLOUR-CODED IN ACCORDANCE WITH NFPA CODE.
- CONTRACTOR TO VERIFY IN WRITING TO THE ENGINEER THAT THE HYDRANTS HAVE BEEN TESTED IN ACCORDANCE WITH TOWN AND LOCAL FIRE DEPARTMENT STANDARDS AND THAT THEY ARE FULLY OPERATIONAL.
- VALVES FOR WATERMAINS 300mmØ AND SMALLER MUST BE DIRECT-BURY GATE VALVES. ALL VALVES MUST CONFORM TO AWWA C-900. VALVES MUST OPEN LEFT-HANDED WITH 50mm SQUARE OPERATING NUT.
- NO NEW WATERMAIN OR SERVICES ARE TO BE CONNECTED TO EXISTING WATERMAINS UNTIL THE NEW PIPES HAVE BEEN COMMISSIONED IN ACCORDANCE WITH THE TOWN'S DRINKING WATER QUALITY MANAGEMENT (DWQMS) REQUIREMENTS.
- ALL WATER SUPPLY PIPING MUST BE FLUSHED, PRESSURE TESTED & DISINFECTED IN ACCORDANCE WITH OPSS 701 & NPSCD SPC-D13 UNDER THE DIRECTION OF THE TOWN'S ENGINEERING PERSONNEL & TO THE SATISFACTION OF THE TOWN.

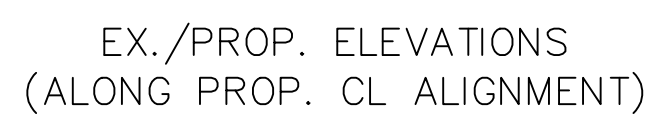


TYPICAL DETAIL FOR MODIFIED ALTERNATIVE TO OPSD 804.040 HEADWALL
N.T.S.

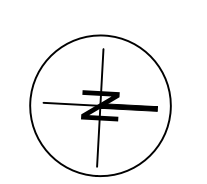




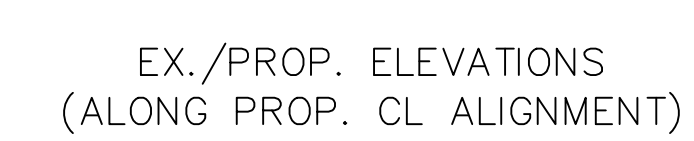
NOTE: EXISTING MAILBOXES ARE TO BE RELOCATED TO THE WEST SIDE OF OTT ROAD PRIOR TO WATERMAIN INSTALLATION.



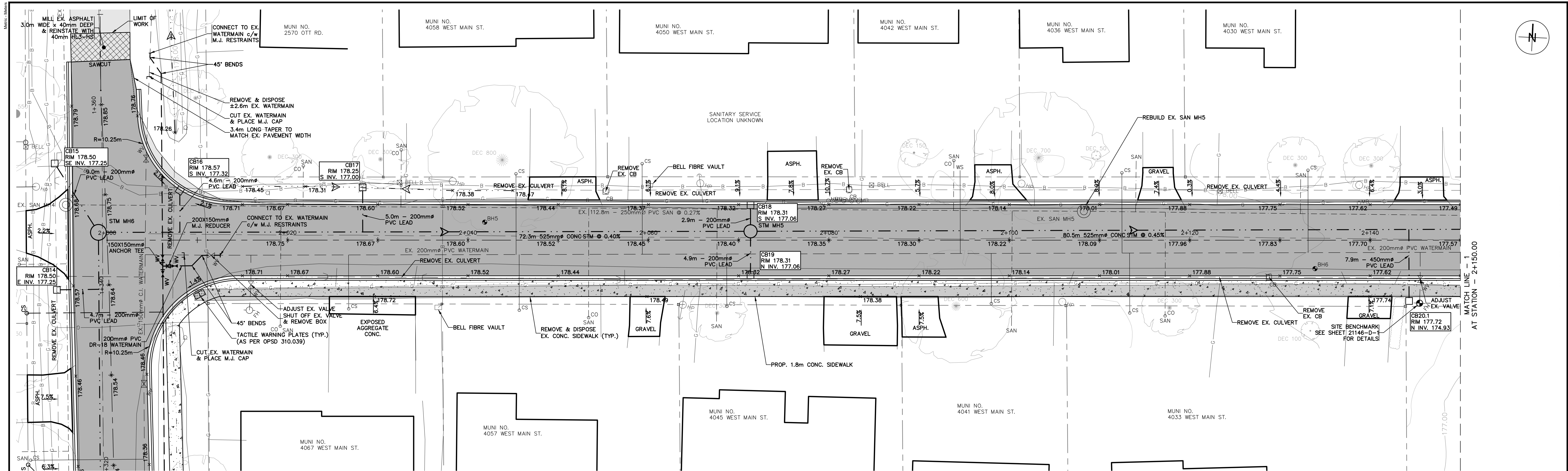
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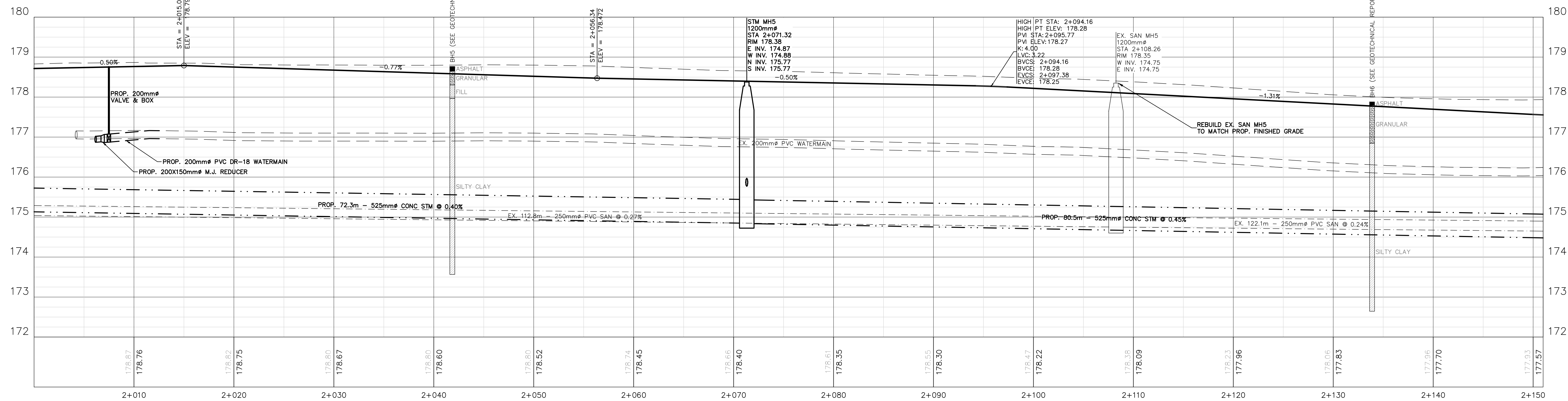


drawn by	designed by
TC	TC / DP
scale	date
H 1:200 V 1:50	02 FEB 2023
job number	issue
21146	G
drawing number	
21146-PP-03	



WEST MAIN STREET

NOTE: EXISTING MAILBOXES ON THE NORTH SIDE OF WEST MAIN STREET ARE TO BE RELOCATED PRIOR TO ROAD RECONSTRUCTION WORKS.



EX./PROP. ELEVATIONS
(ALONG PROP. CL ALIGNMENT)

issue	issued for	date	mt.
G	CONSTRUCTION	27 JAN 2025	TC
F	TENDER	02 DEC 2024	TC
E	100% SUBMISSION	28 JUN 2024	TC
D	90% SUBMISSION	09 MAY 2024	TC
C	FOR GEOTECH REVIEW	01 MAY 2024	TC
B	60% SUBMISSION	13 OCT 2023	TC
A	REVIEW	02 FEB 2023	TC

NOTES:

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SITE BENCHMARK INFORMATION:

TOP OF OPERATING NUT OF MUNICIPAL FIRE HYDRANT ON SOUTH SIDE OF WEST MAIN STREET JUST EAST OF MUNI. NO. 4033 WEST MAIN STREET

UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m

SEE SHEET 21146-D-1 FOR FURTHER DETAILS

seal



project title

OTT ROAD & WEST MAIN STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24
Fort Erie, ON

drawing title

WEST MAIN STREET

STA 2+000 TO 2+150

drawn by

TC

scale

H 1:200

V 1:50

job number

21146

drawing number

21146-PP-04

designed by

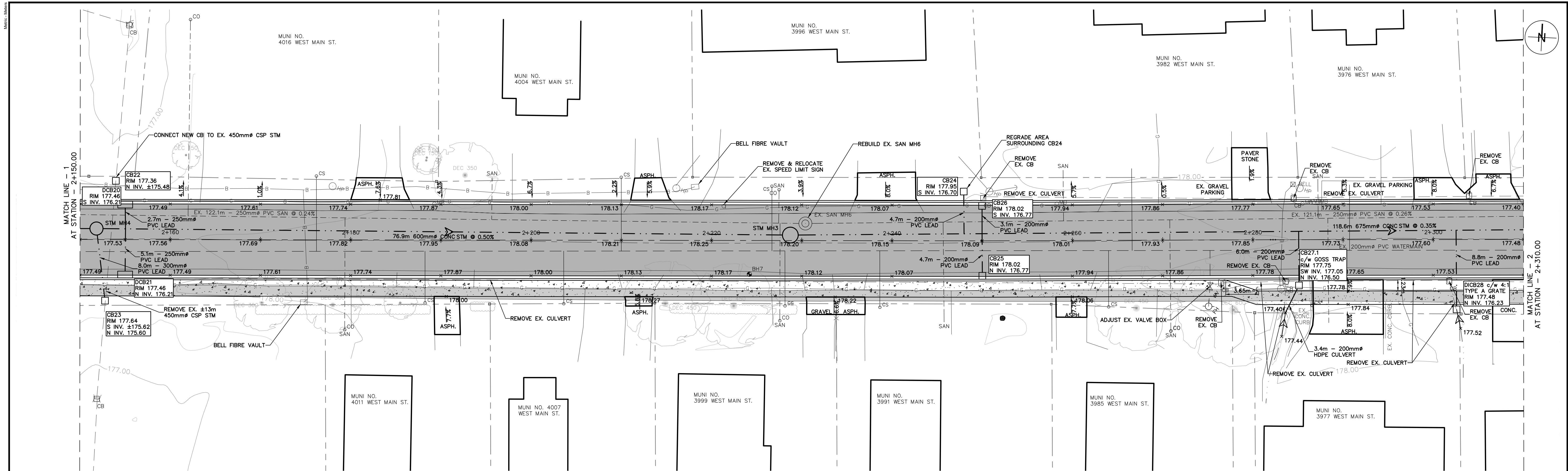
TC / DP

date

02 FEB 2023

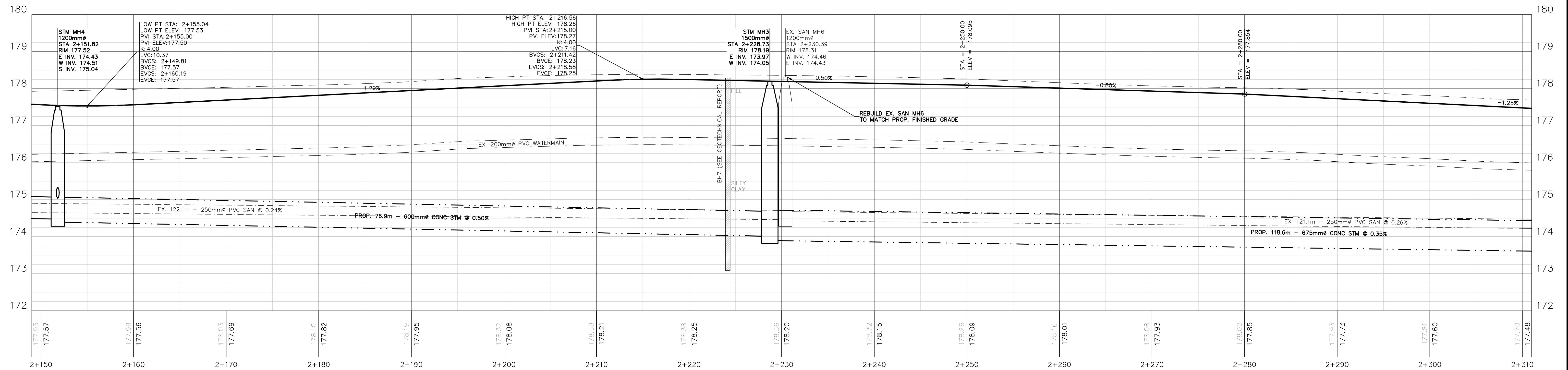
issue

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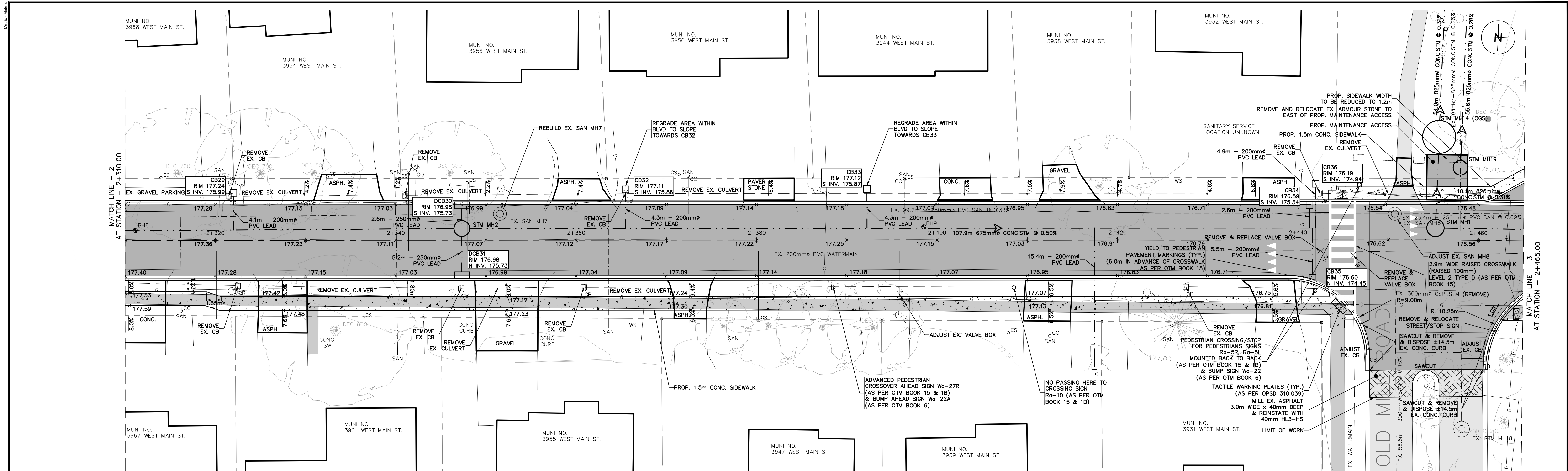
WEST MAIN STREET

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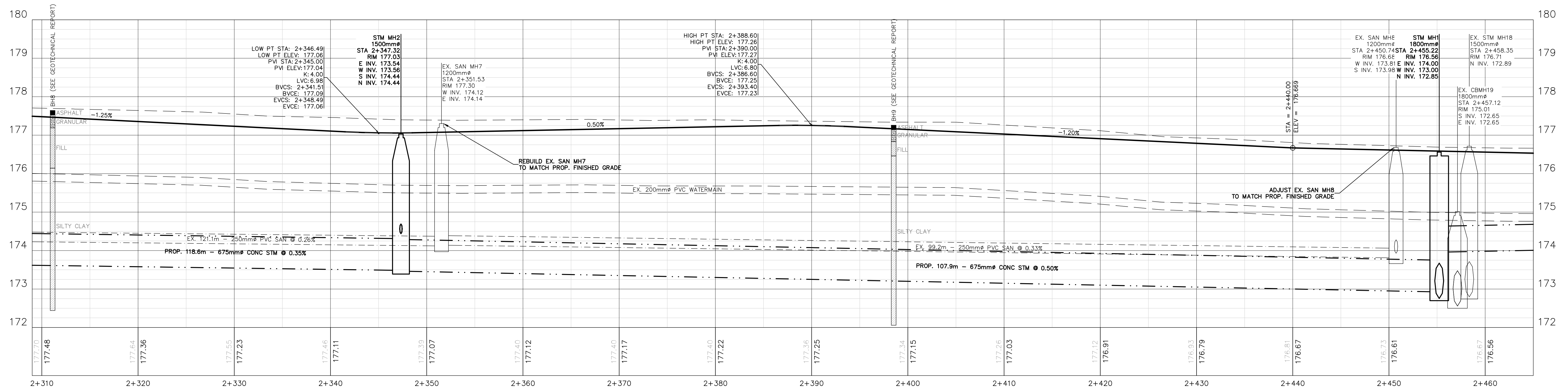
EX./PROP. ELEVATIONS
(ALONG PROP. CL ALIGNMENT)

				NOTES: 1. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. 2. PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION. 3. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. THE TOWN OF FORT ERIE ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.				Do not scale drawings. Report any discrepancies to Quartek Group Inc. before proceeding. Drawings must be sealed by the Architect and / or Engineer prior to the use for any building permit applications and / or government approval. Seals must be signed by the Architect and / or Engineer before drawings are used for any construction. All construction to be in accordance with the current Ontario Building Code and all applicable Ontario regulations. All drawings and related documents remain the property of Quartek Group Inc., all drawings are protected under copyright and under contract.				SITE BENCHMARK INFORMATION: TOP OF OPERATING NUT OF MUNICIPAL FIRE HYDRANT ON SOUTH SIDE OF WEST MAIN STREET JUST EAST OF MUNI. NO. 4033 WEST MAIN STREET UTM (NAD 83, ZONE 17) N: 4756451.632m E: 657739.071m ELEVATION: 178.770m SEE SHEET 21146-D-1 FOR FURTHER DETAILS				seal  Quartek Architects • Planners Engineers • Project Managers 1 905 984 8876 89-91 St. Paul Street, Suite 100, St. Catharines, ON L2R 3M3 www.quartekgroup.com				project title OTT ROAD & WEST MAIN STREET UPGRADE CONTRACT NO.: ISE-24T-OTT21/OTTW24/WEST24 Fort Erie, ON				drawing title WEST MAIN STREET STA 2+150 TO 2+310				<table><tr><td>drawn by</td><td>designed by</td></tr><tr><td>TC</td><td>TC / DP</td></tr><tr><td>scale</td><td>date</td></tr><tr><td>H 1:200 V 1:50</td><td>02 FEB 2023</td></tr><tr><td>job number</td><td>issue</td></tr><tr><td>21146</td><td>G</td></tr><tr><td>drawing number</td><td></td></tr><tr><td>21146-PP-05</td><td></td></tr></table>				drawn by	designed by	TC	TC / DP	scale	date	H 1:200 V 1:50	02 FEB 2023	job number	issue	21146	G	drawing number		21146-PP-05																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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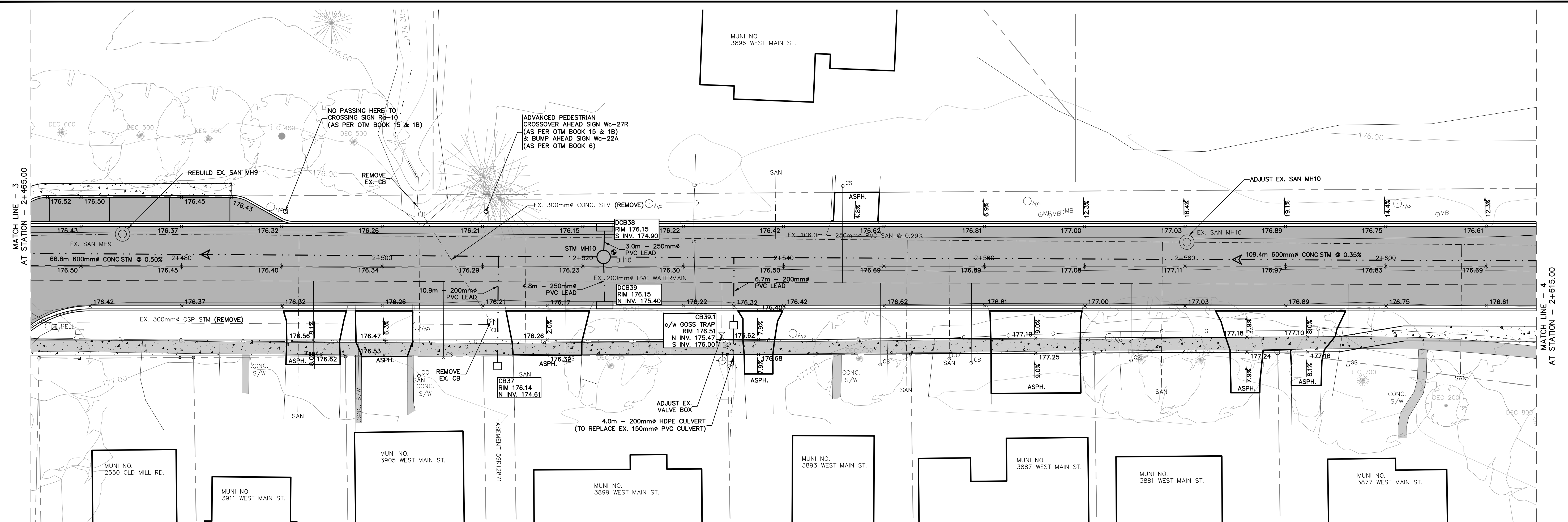
WEST MAIN STREET

NOTE: EXISTING MAILBOXES ON THE NORTH SIDE OF WEST MAIN STREET ARE TO BE RELOCATED PRIOR TO ROAD RECONSTRUCTION WORKS.

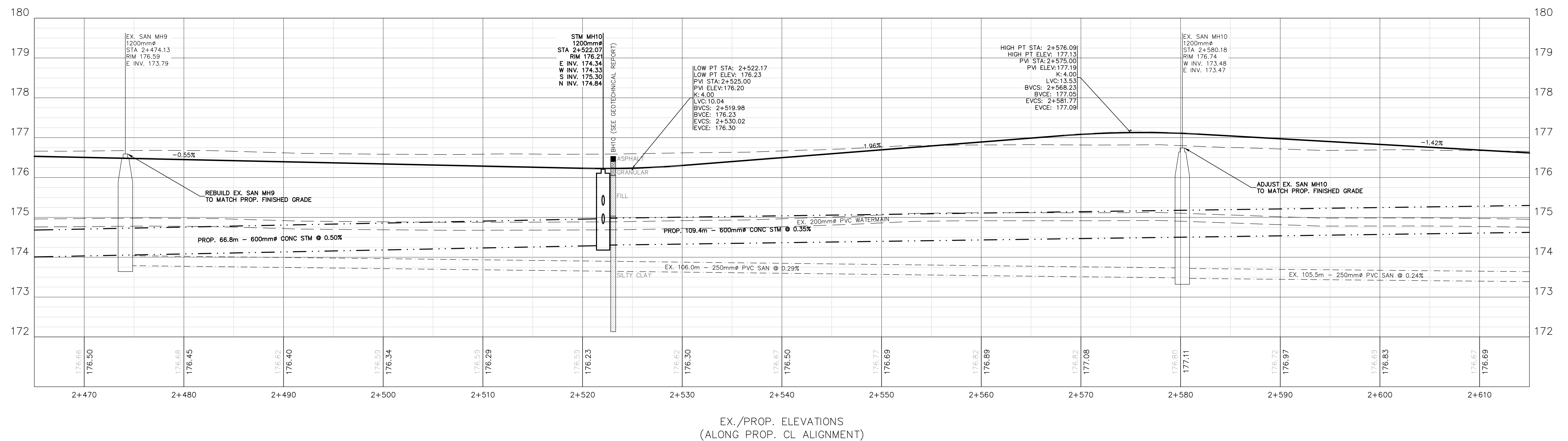


EX./PROP. ELEVATIONS
(ALONG PROP. CL ALIGNMENT)

NOTES:				SITE BENCHMARK INFORMATION:		project title		drawing title		drawn by		designed by	
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G CONSTRUCTION 27 JAN 2025 TC				F TENDER 02 DEC 2024 TC		E 100% SUBMISSION 28 JUNE 2024 TC		D 90% SUBMISSION 09 MAY 2024 TC		C FOR GEOTECH REVIEW 01 MAY 2024 TC		B 60% SUBMISSION 13 OCT 2023 TC	
A REVIEW 02 FEB 2023 TC				issued for		date		mit.					



WEST MAIN STREET



EX./PROP. ELEVATIONS
(ALONG PROP. CL ALIGNMENT)

G	CONSTRUCTION	27 JAN 2025	TC
F	TENDER	02 DEC 2024	TC
E	100% SUBMISSION	28 JUNE 2024	TC
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TOP OF OPERATING NUT OF MUNICIPAL
FIRE HYDRANT ON SOUTH SIDE OF
WEST MAIN STREET JUST EAST OF
MUNI. NO. 4033 WEST MAIN STREET

UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m

SEE SHEET 21146-D-1 FOR FURTHER
DETAILS



Quartek 

◆ Architects ◆ Planners
◆ Engineers ◆ Project Managers

T 905 984 8676
89 - 91 St. Paul Street, Suite 100,
St. Catharines, ON, L2R 3M3
www.quartekgroup.com



project title

OTT ROAD & WEST MAIN
STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24

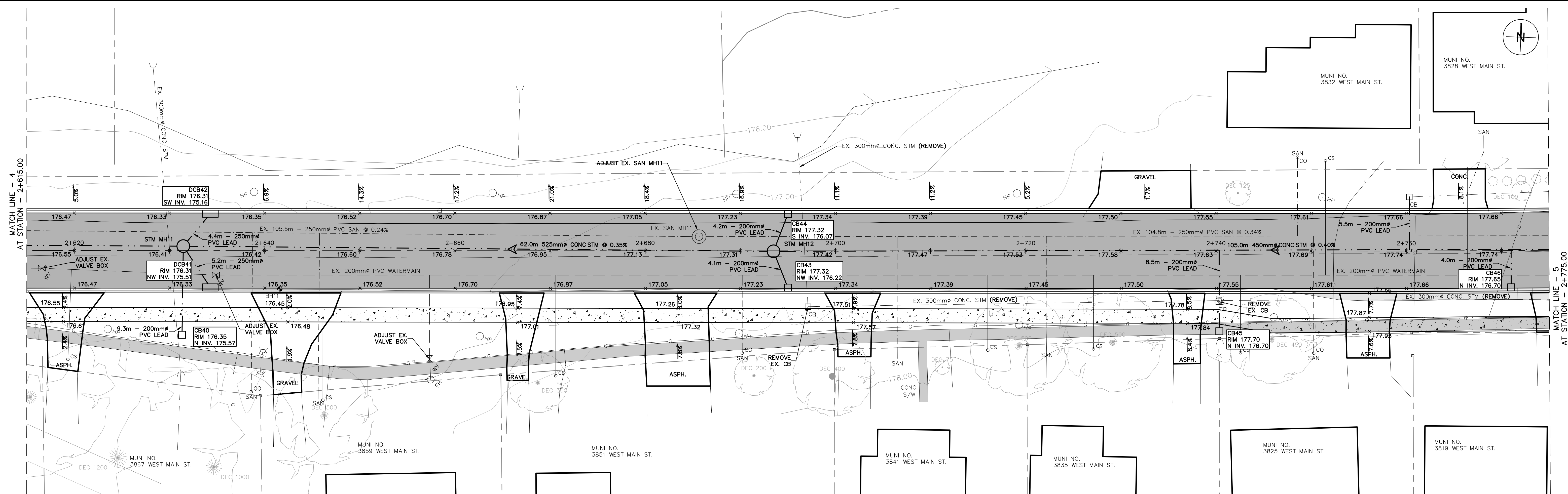
Fort Erie, ON

drawing title

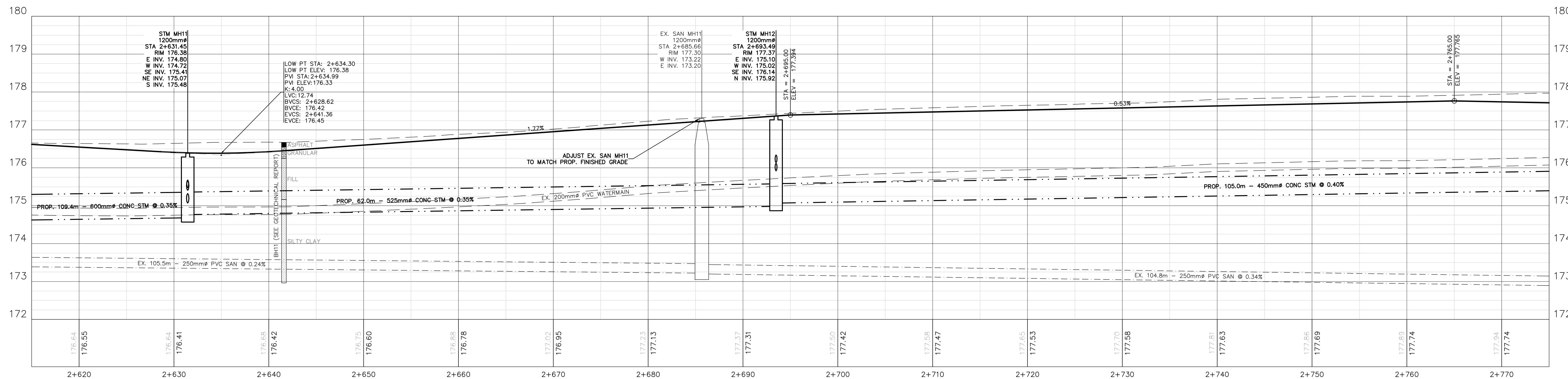
WEST MAIN STREET

STA 2+465 TO 2+615

drawn by	designed by
TC	TC / DP
scale	date
H 1:200 V 1:50	02 FEB 2023
job number	issue
21146	G
drawing number	
21146-PP-07	



WEST MAIN STREET



EX./PROP. ELEVATIONS
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issue	issued for	date	init.
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E: 657739.071m
ELEVATION: 178.770m

SEE SHEET 21146-D-1 FOR FURTHER DETAILS



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T 905 984 8876
89-91 St. Paul Street, Suite 100,
St. Catharines, ON, L2R 3M3
www.quartekgroup.com



project title
OTT ROAD & WEST MAIN STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24

Fort Erie, ON

drawing title
WEST MAIN STREET

STA 2+615 TO 2+775

drawn by
TC

designed by
TC / DP

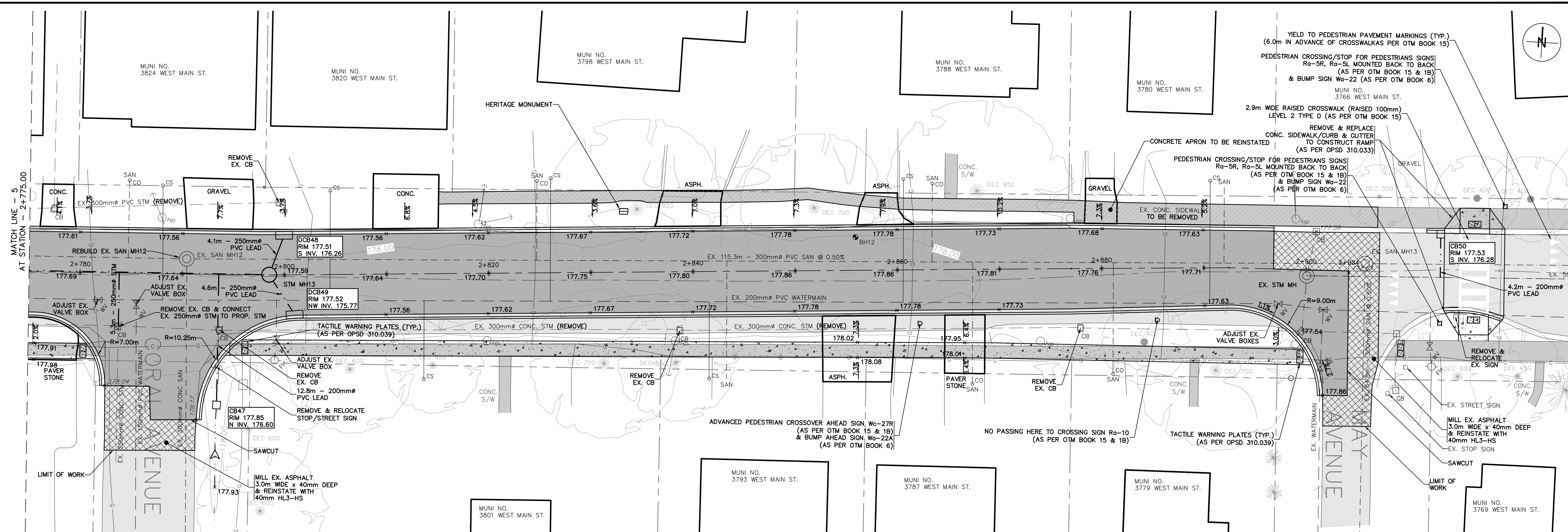
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H 1:200
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date
02 FEB 2023

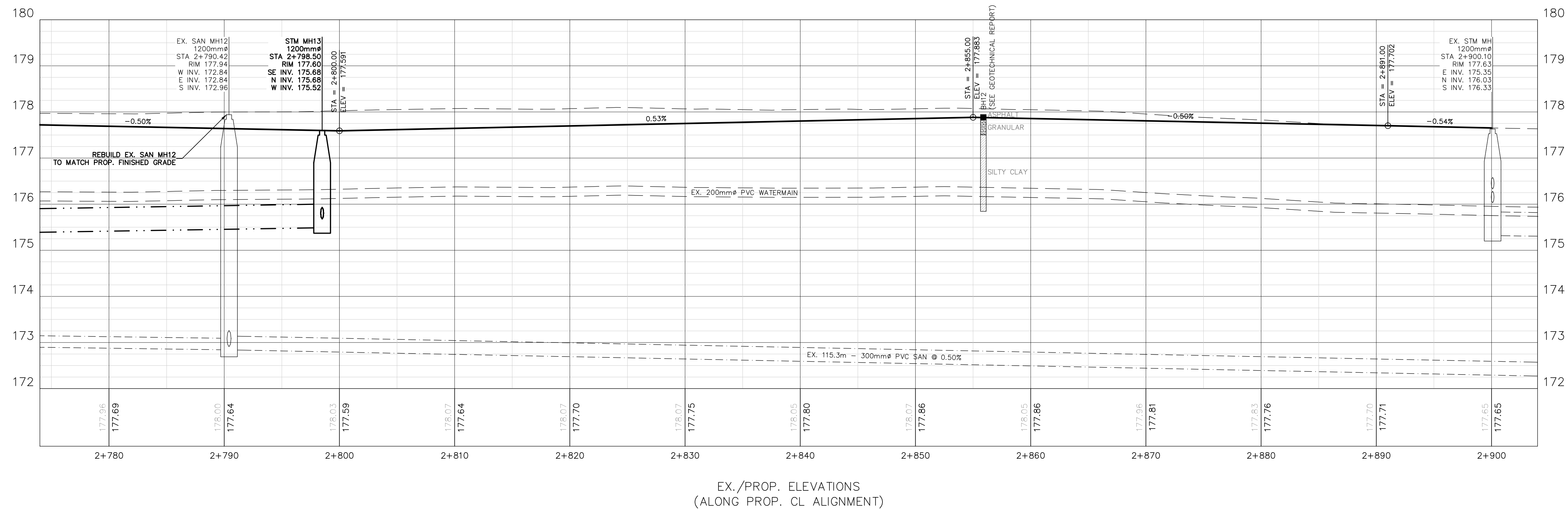
job number
21146

issue
G

drawing number
21146-PP-08



WEST MAIN STREET



EX./PROP. ELEVATIONS
(ALONG PROP. CL ALIGNMENT)

issue	issued for	date	init.
G	CONSTRUCTION	27 JAN 2025	TC
F	TENDER	02 DEC 2024	TC
E	100% SUBMISSION	28 JUN 2024	TC
D	90% SUBMISSION	09 MAY 2024	TC
C	FOR GEOTECH REVIEW	01 MAY 2024	TC
B	60% SUBMISSION	13 OCT 2023	TC
A	REVIEW	02 FEB 2023	TC

NOTES:

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SITE BENCHMARK INFORMATION:

TOP OF OPERATING NUT OF MUNICIPAL FIRE HYDRANT ON SOUTH SIDE OF WEST MAIN STREET JUST EAST OF MUNI. NO. 4033 WEST MAIN STREET

UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m

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FORT ERIE
ONTARIO

project title
OTT ROAD & WEST MAIN STREET UPGRADE

CONTRACT NO.:
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Fort Erie, ON

drawing title
WEST MAIN STREET

STA 2+775 TO 2+904

drawn by
TC

designed by
TC / DP

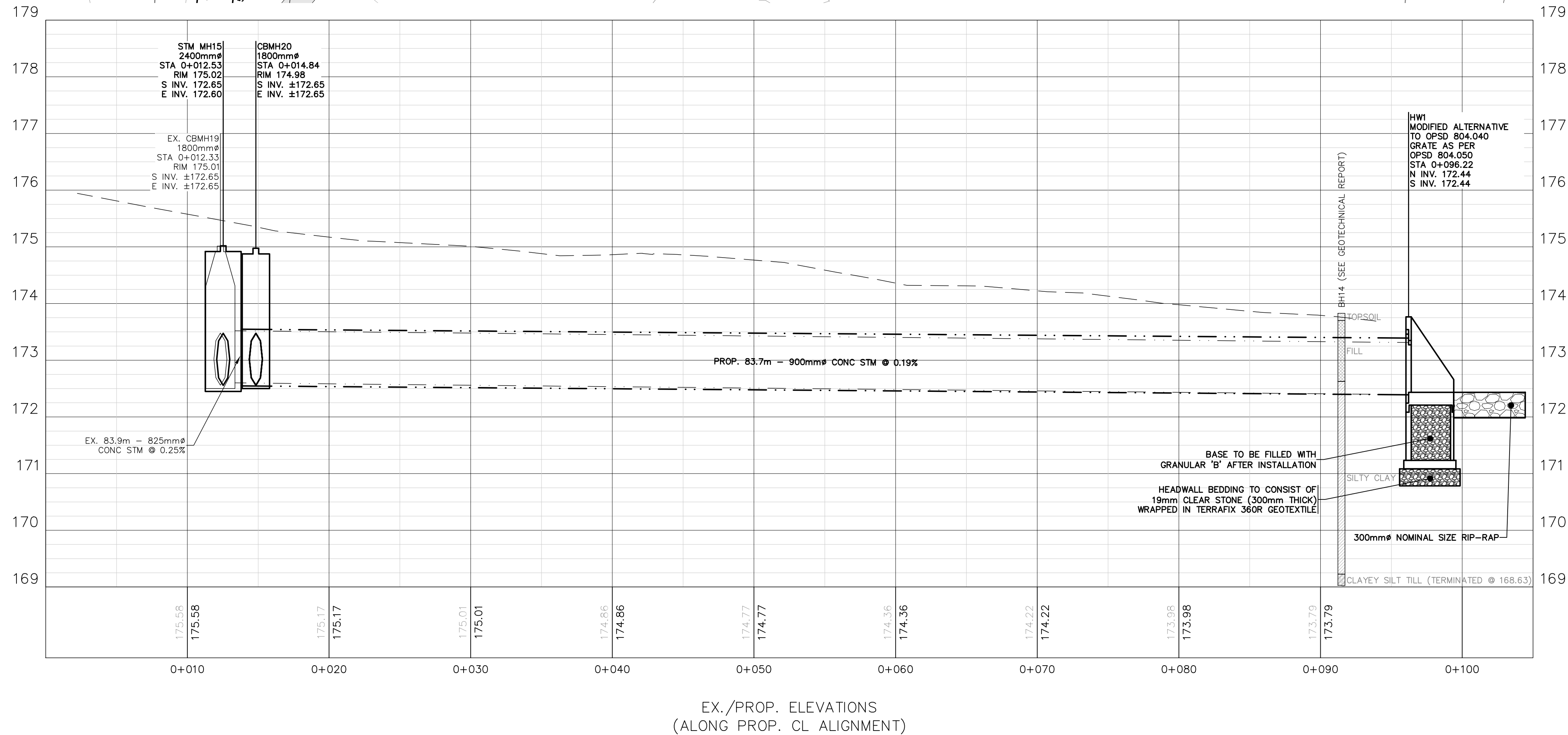
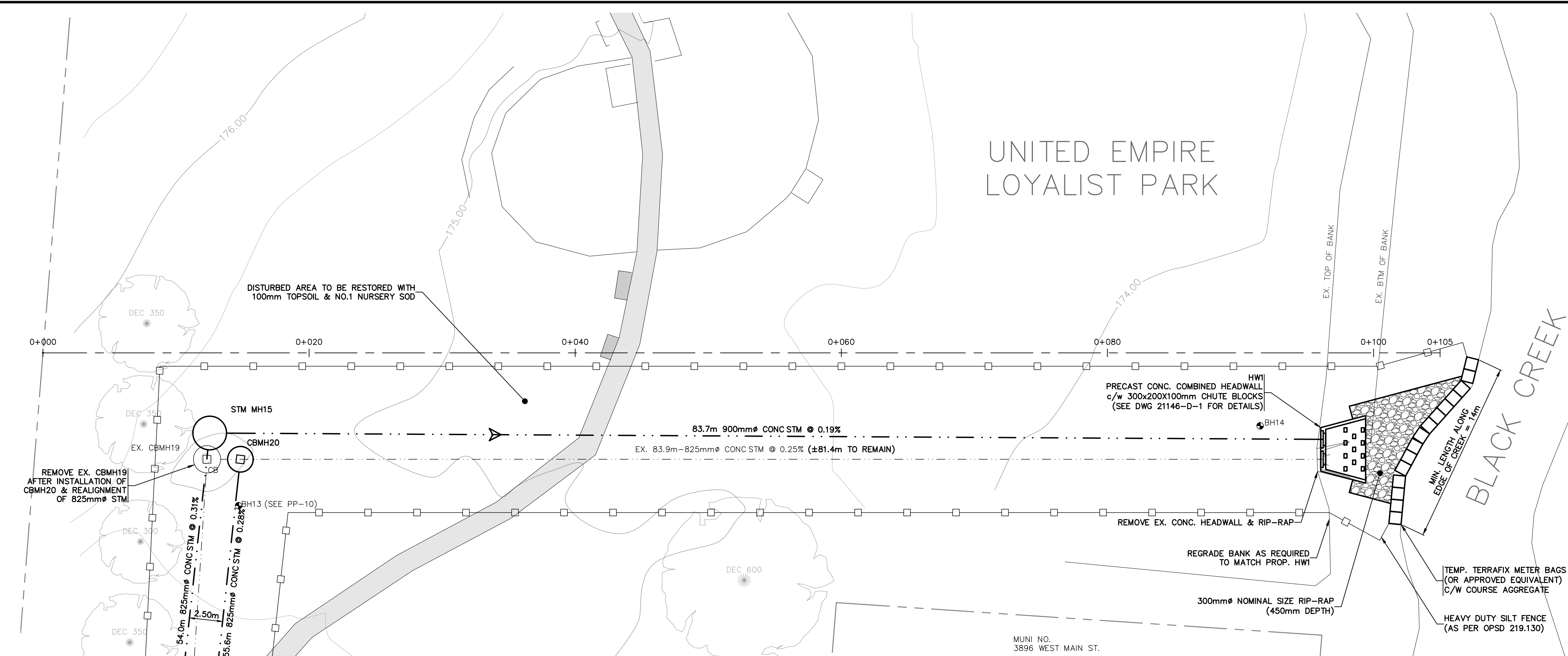
scale
H 1:200
V 1:50

date
02 FEB 2023

job number
21146

issue
G

drawing number
21146-PP-09



NOTE: ALL IN-STREAM OR NEAR WATER WORKS SHALL BE CONDUCTED IN THE DRY AND REMAIN ISOLATED FROM FLOWS.

Issue	Issued for	Date	Init.
E	CONSTRUCTION	27 JAN 2025	TC
D	TENDER	02 DEC 2024	TC
C	100% SUBMISSION	28 JUNE 2024	TC
B	90% SUBMISSION	09 MAY 2024	TC
A	FOR GEOTECH REVIEW	01 MAY 2024	TC

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SEE SHEET 21146-D-1 FOR FURTHER DETAILS

seal



project title

OTT ROAD & WEST MAIN STREET UPGRADE

CONTRACT NO.: ISE-24T-OTT21/OTTW24/WEST24
Fort Erie, ON

drawing title

OUTFALL (WEST TO EAST)

STA 0+000 TO 0+105

drawn by

TC

scale

H 1:200

V 1:50

job number

21146

drawing number

21146-PP-11

designed by

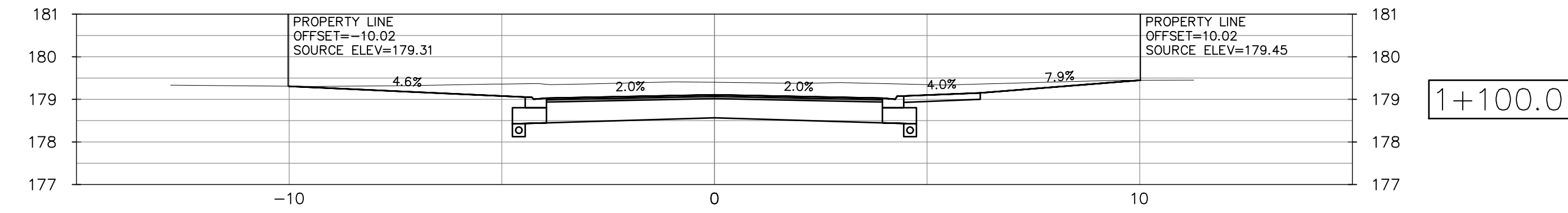
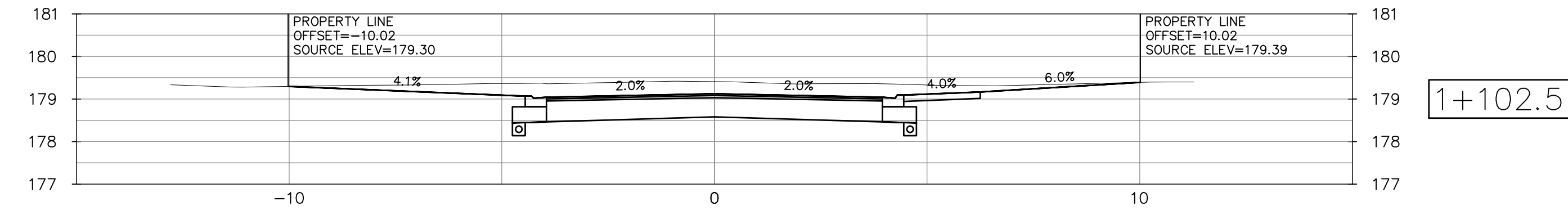
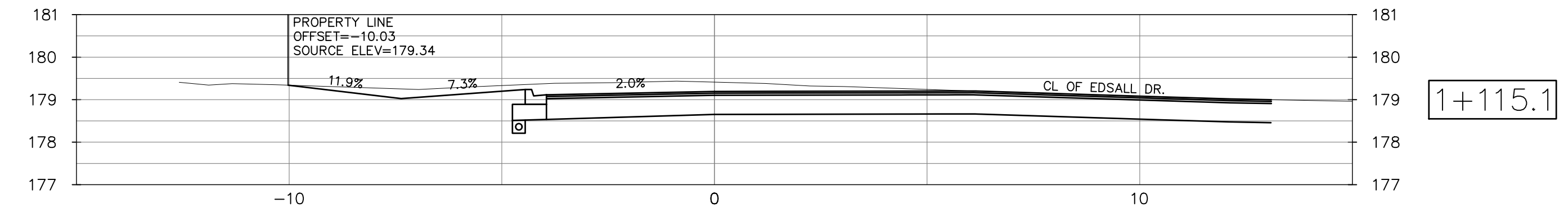
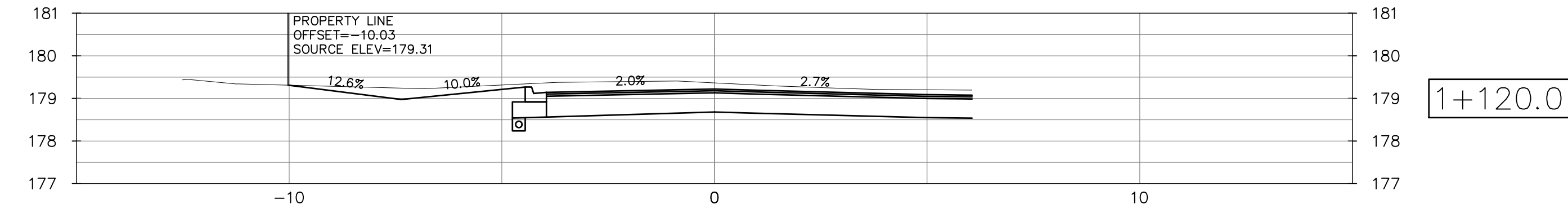
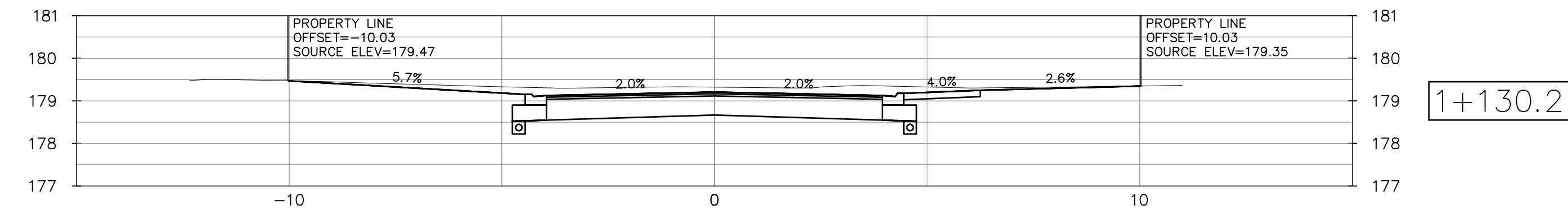
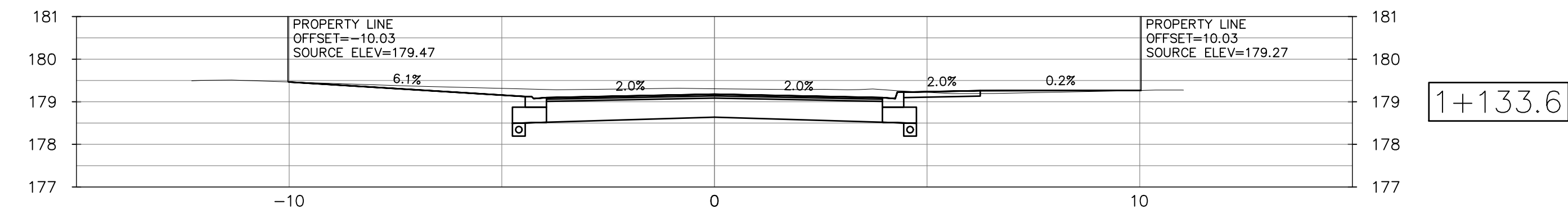
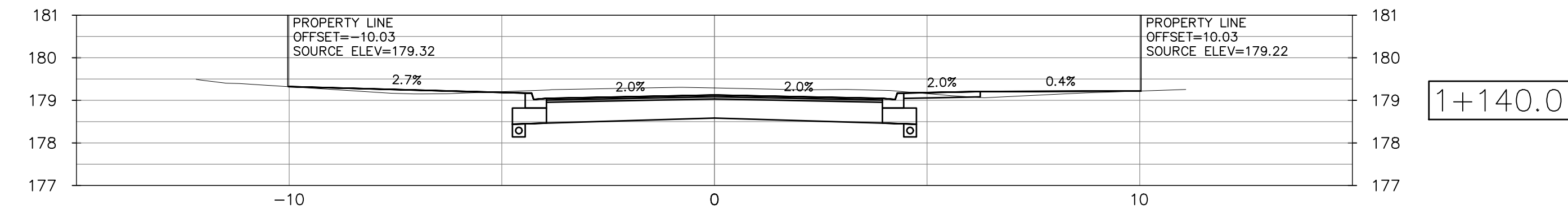
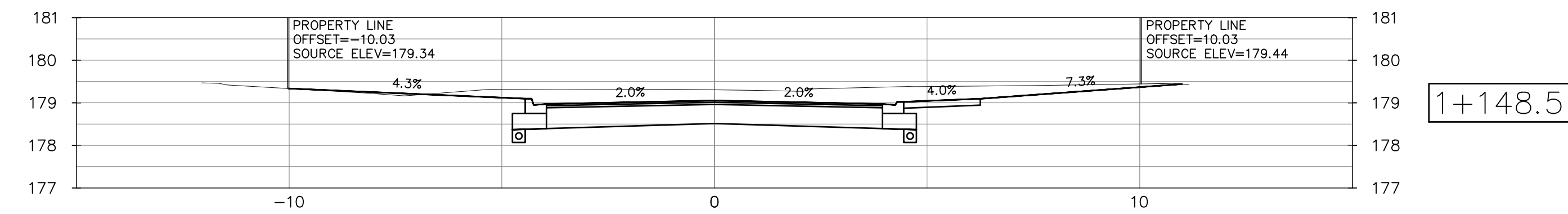
TC / DP

date

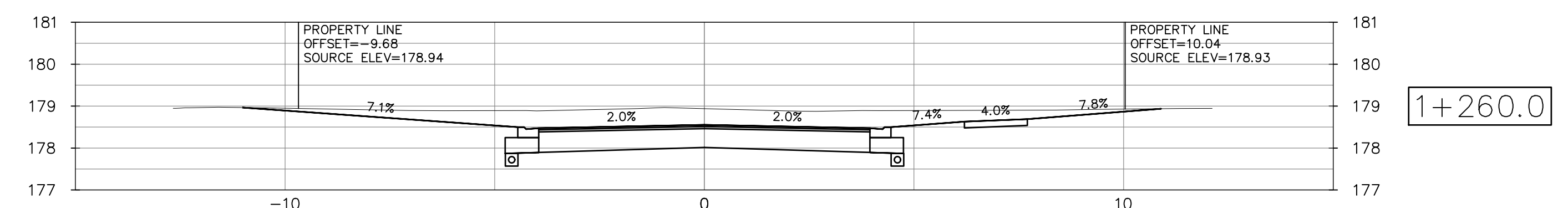
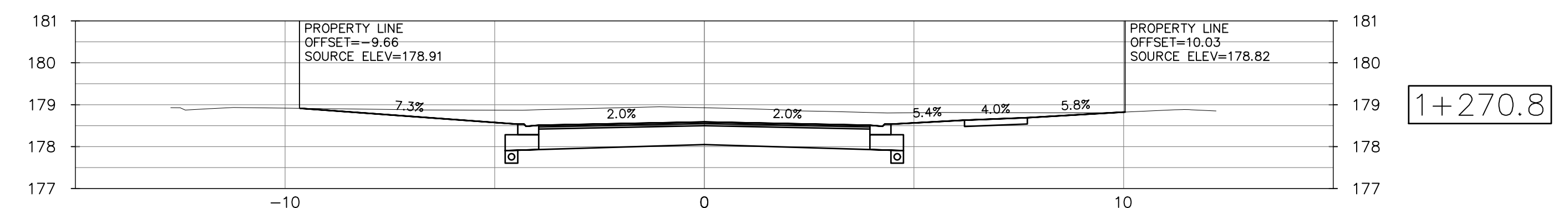
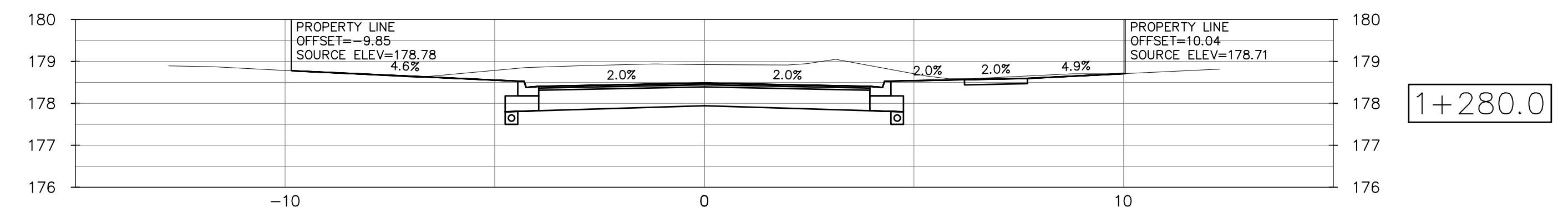
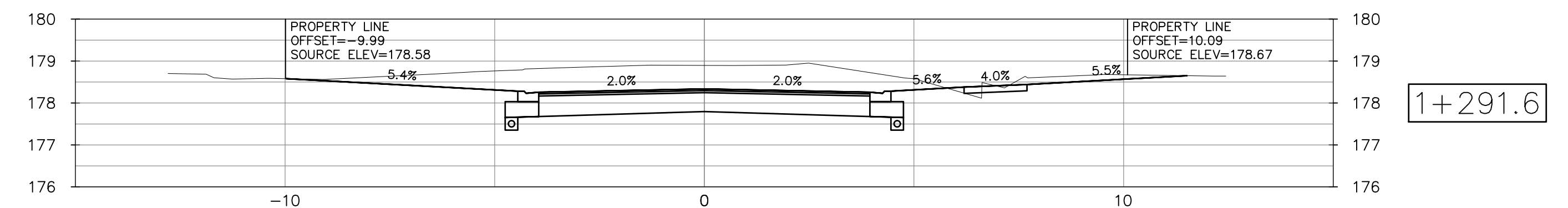
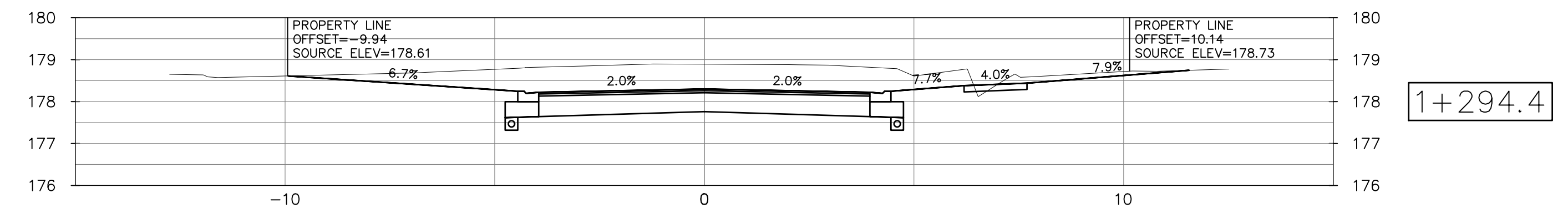
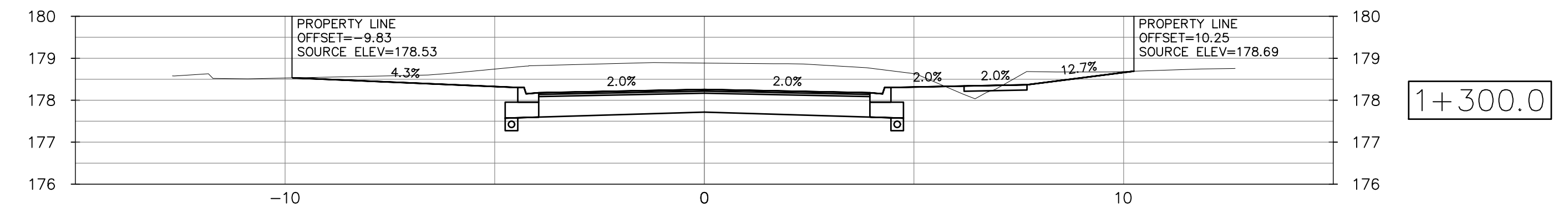
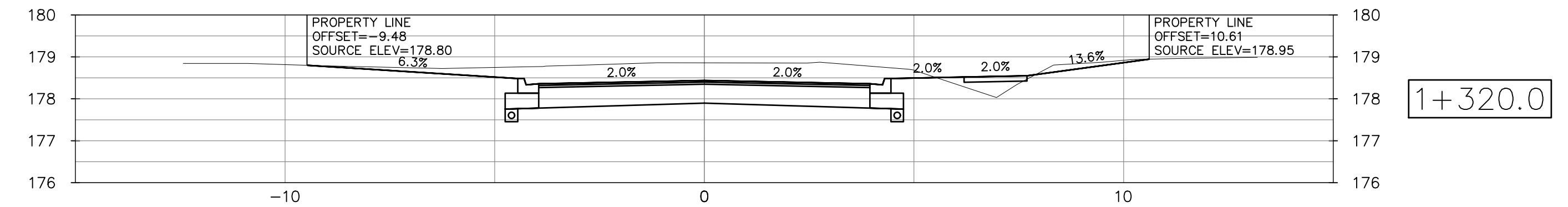
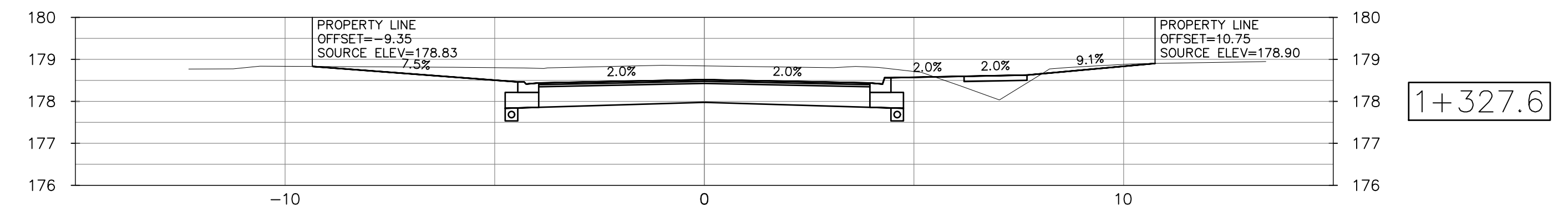
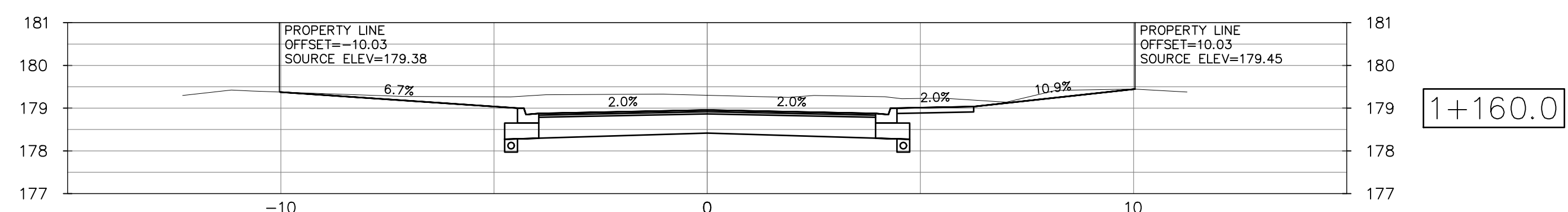
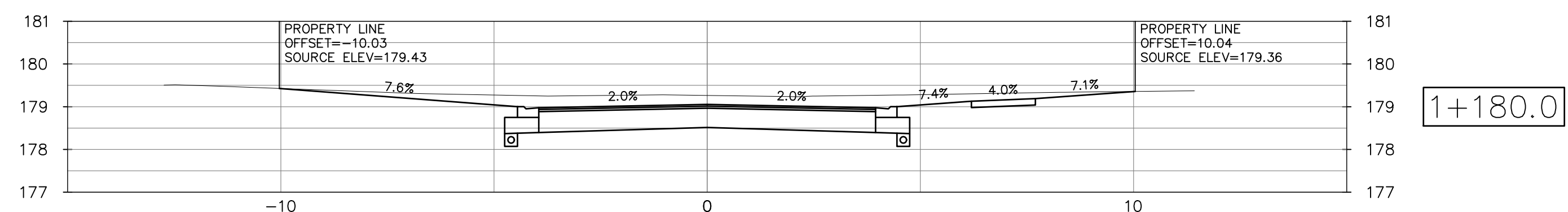
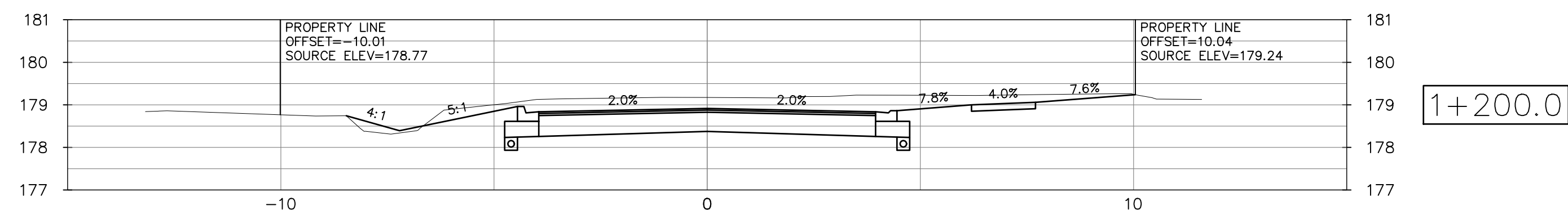
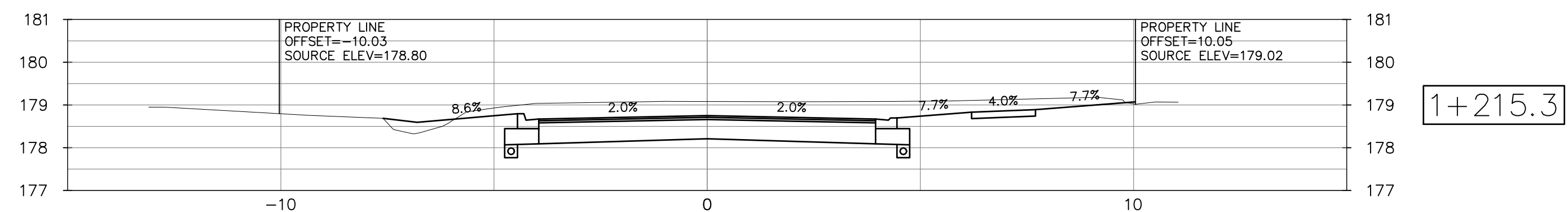
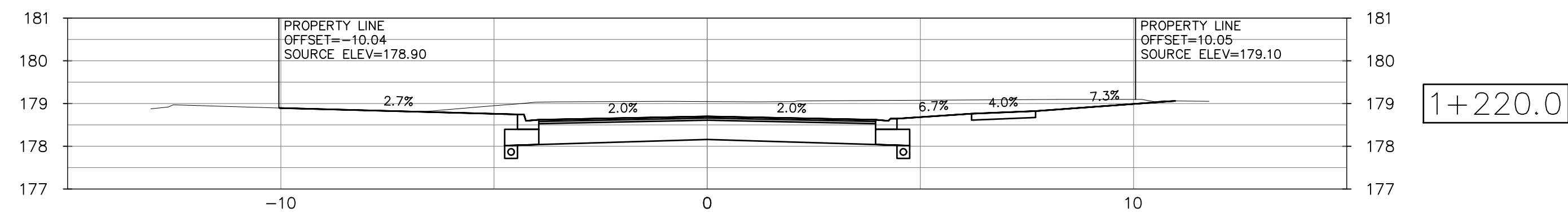
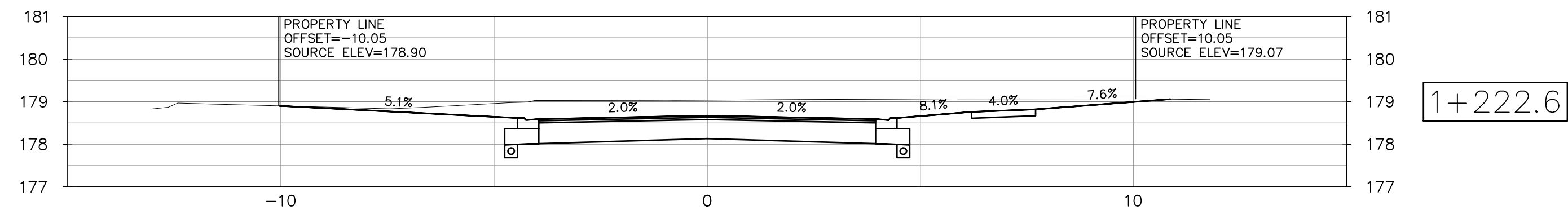
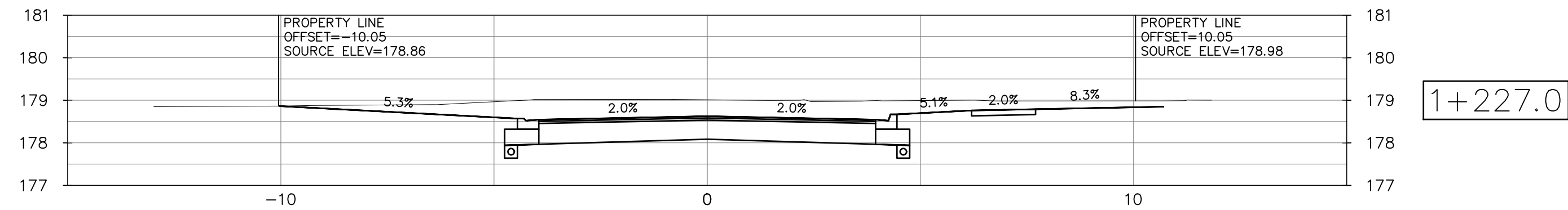
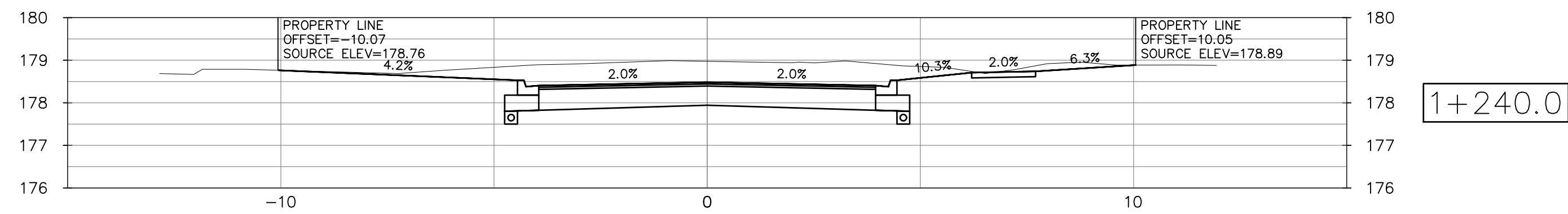
01 MAY 2024

issue

E



plotted by: tcrawford on Jan 27, 2025 - 10:34am



B	CONSTRUCTION	27 JAN 2025	TC
A	TENDER	02 DEC 2024	TC
ISSUE	issued for	date	init.

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MUNI. NO. 4033 WEST MAIN STREET
UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m

SEE SHEET 21146-D-1 FOR FURTHER
DETAILS

502

Quartek 

◆ Architects ◆ Planners
◆ Engineers ◆ Project Managers

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www.quartekgroup.com



project title

OTT ROAD & WEST MAIN
STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24

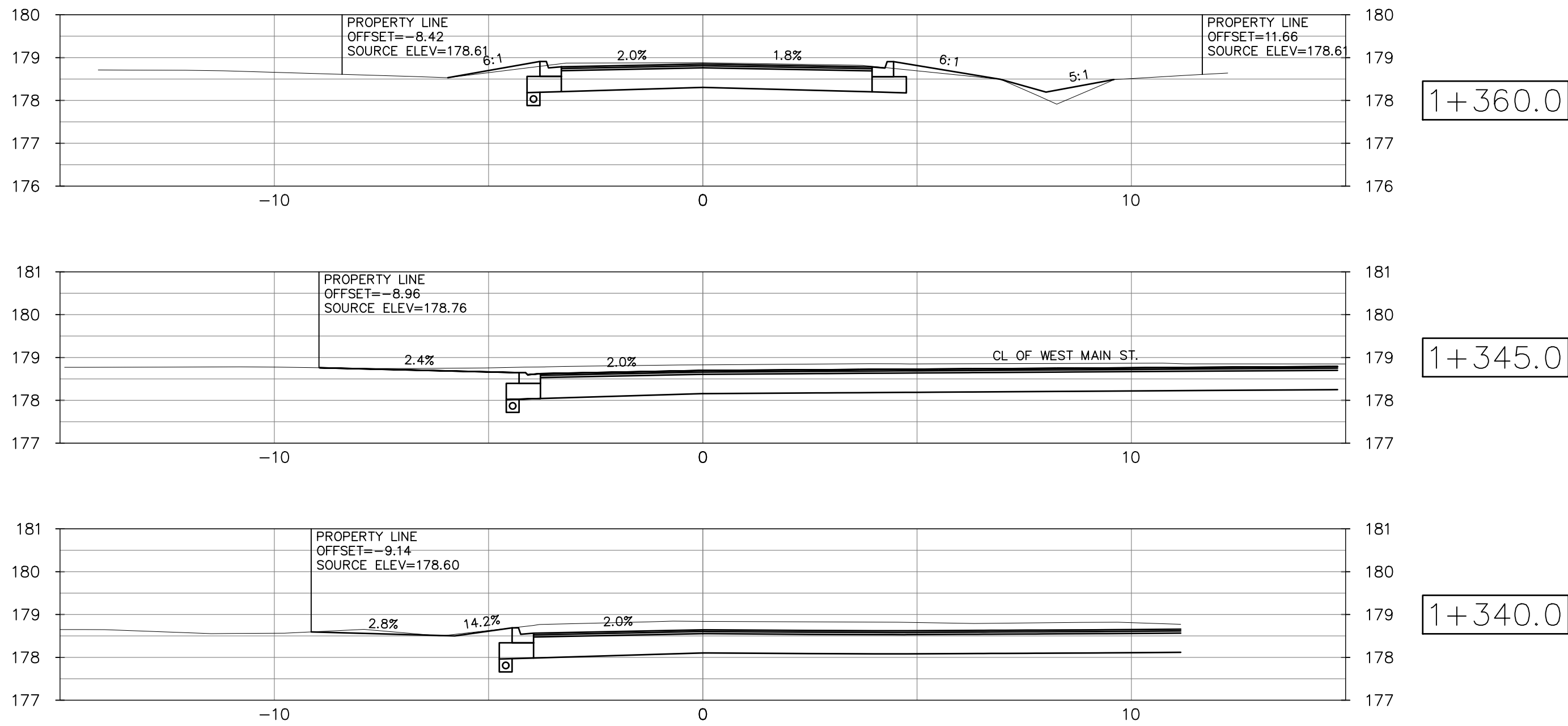
Fort Erie, ON

drawing title

OTT ROAD
CROSS SECTIONS

STA 1+160 TO 1+327.6

drawn by	designed by
TC	TC
scale	date
1:100	02 DEC 2024
job number	issue
21146	B
drawing number	
21146-XS-02	



B	CONSTRUCTION	27 JAN 2025	TC
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issue	issued for	date	init.

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seal



project title

OTT ROAD & WEST MAIN STREET UPGRADE

CONTRACT NO.: ISE-24T-OTTR21/OTTW24/WEST24

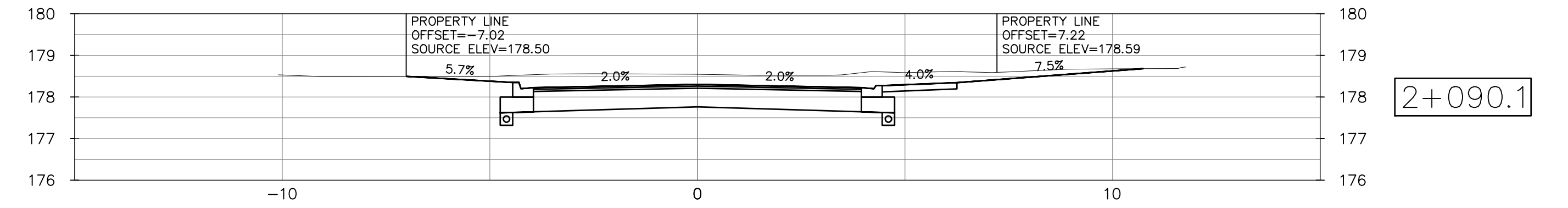
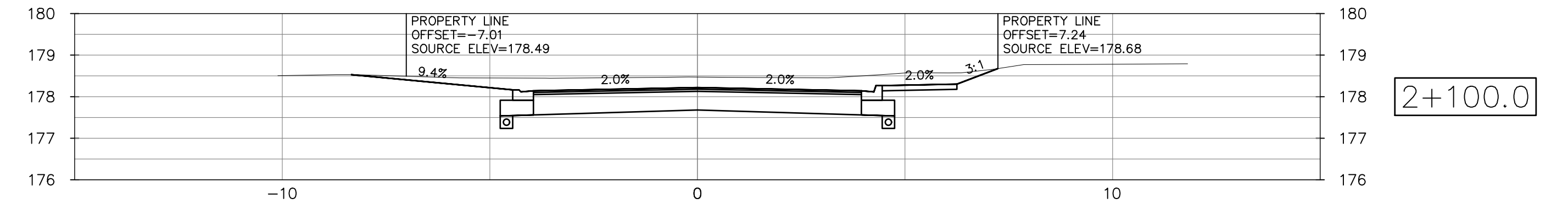
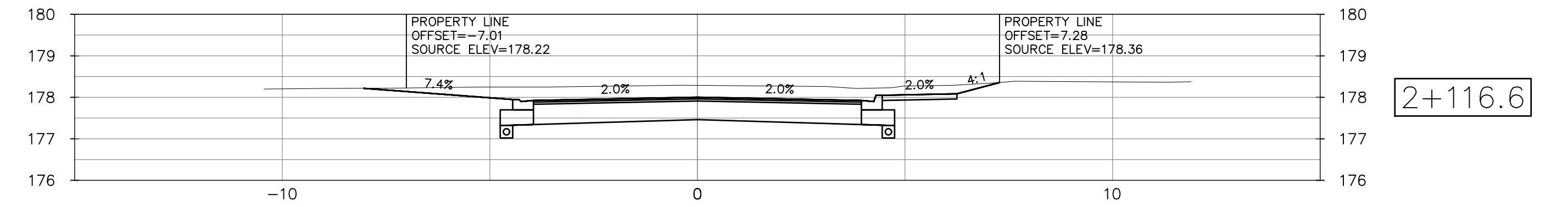
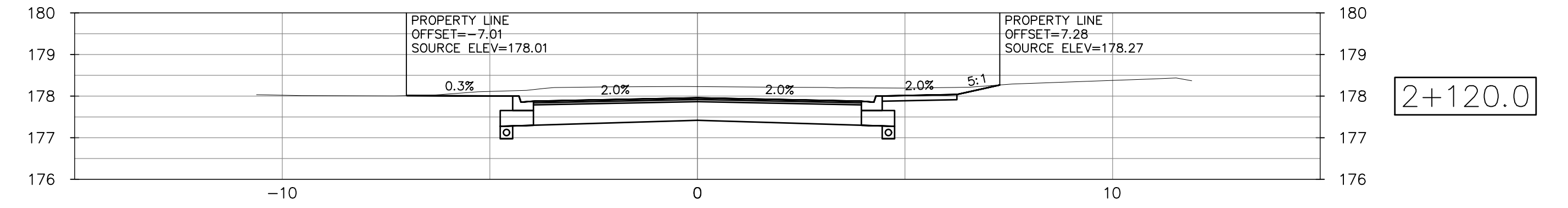
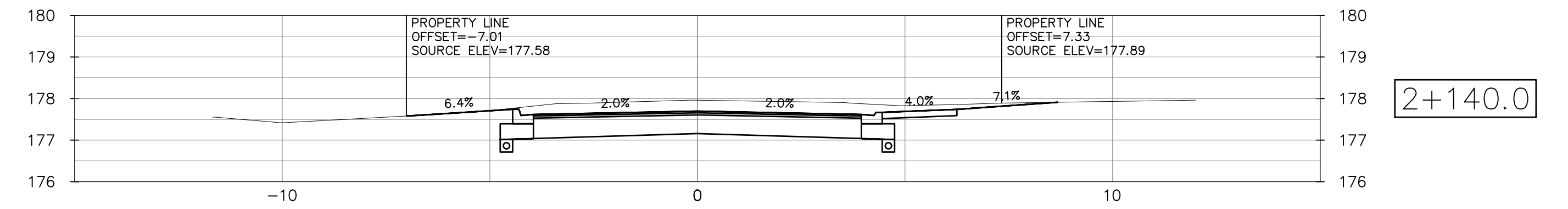
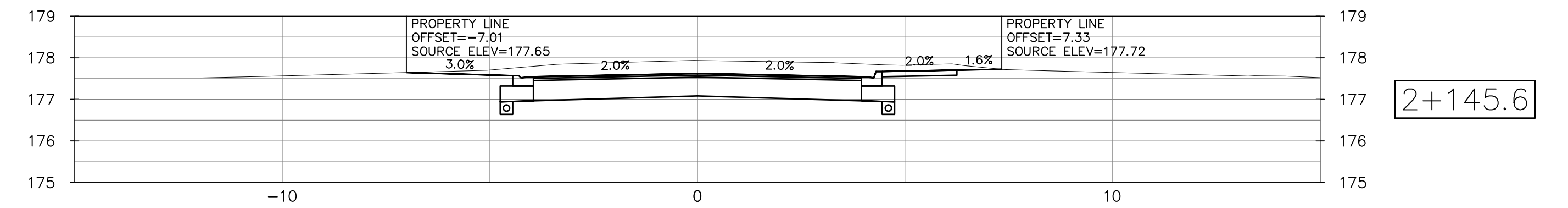
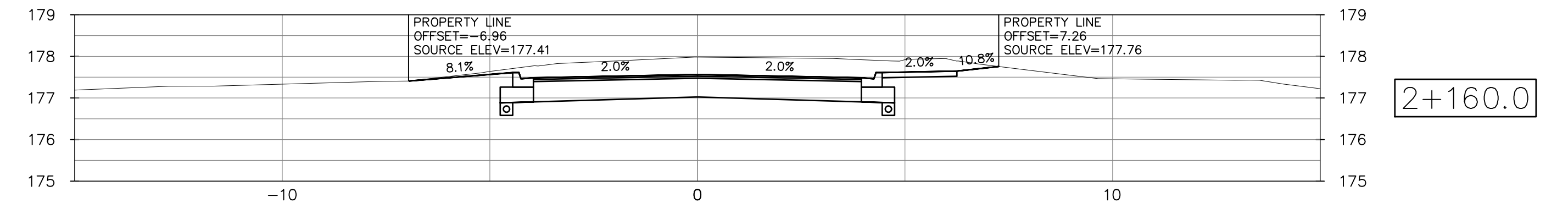
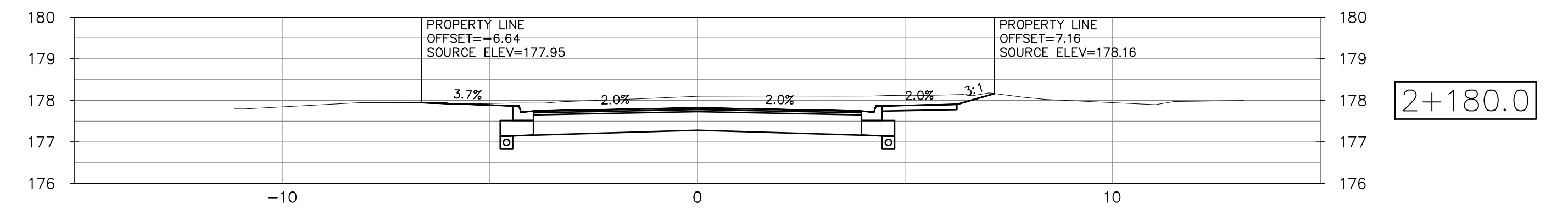
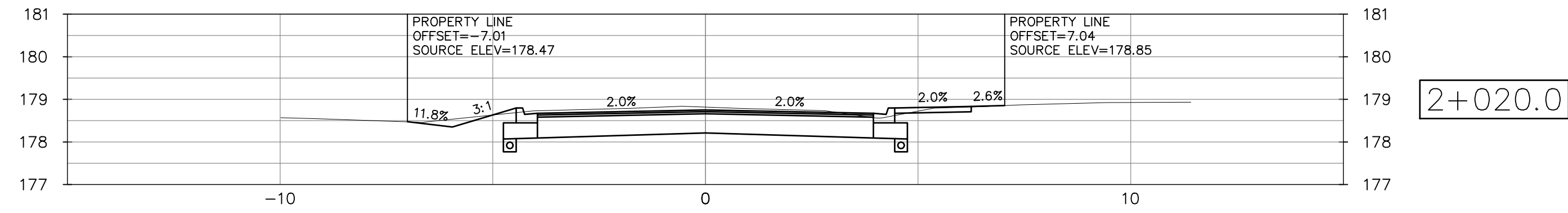
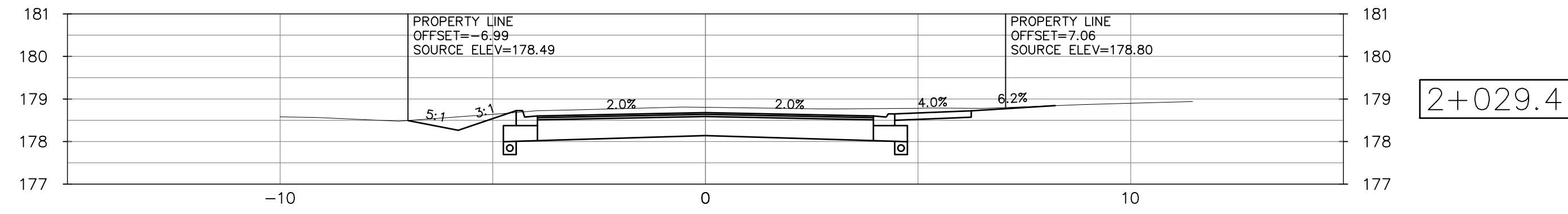
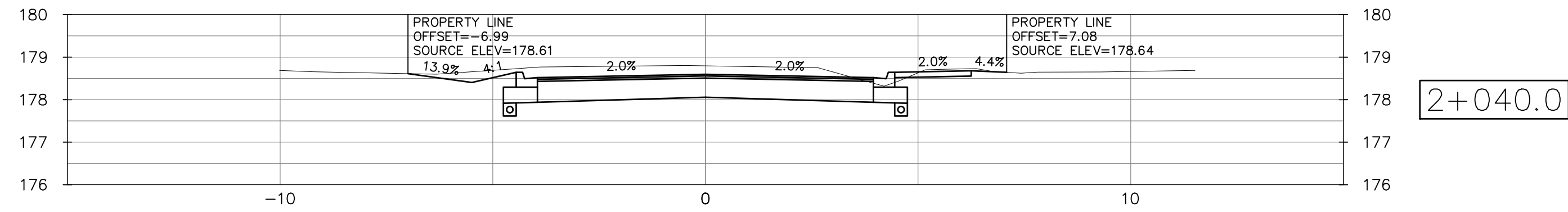
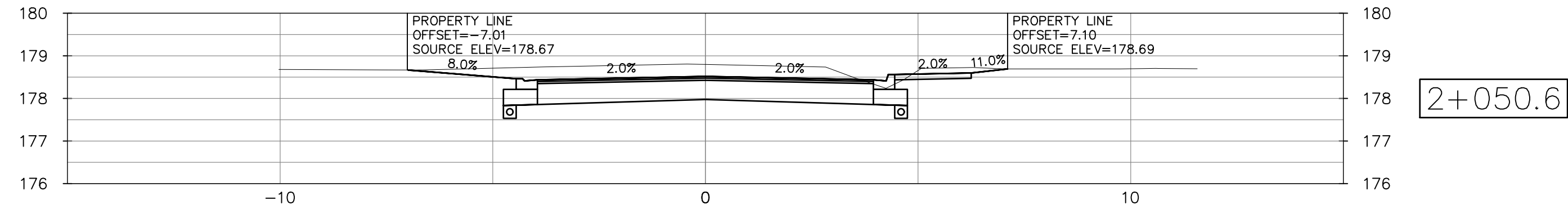
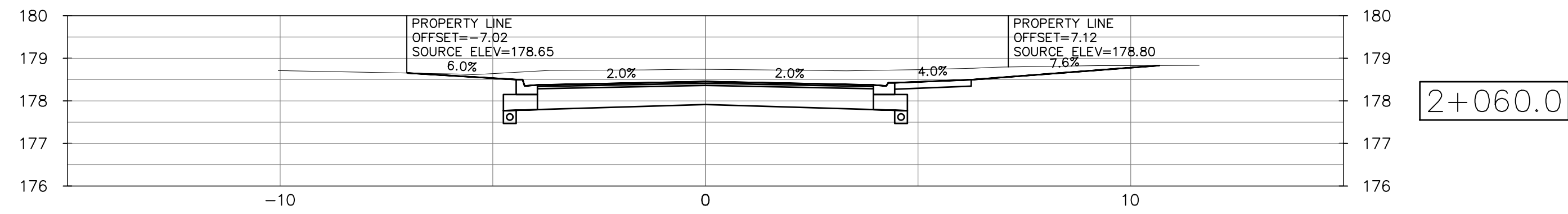
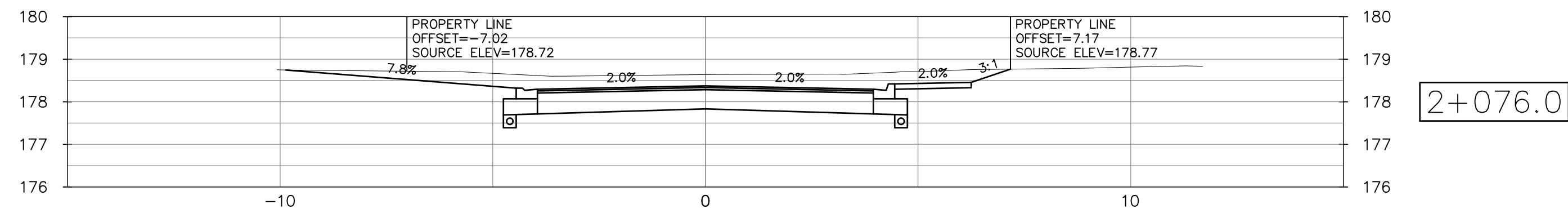
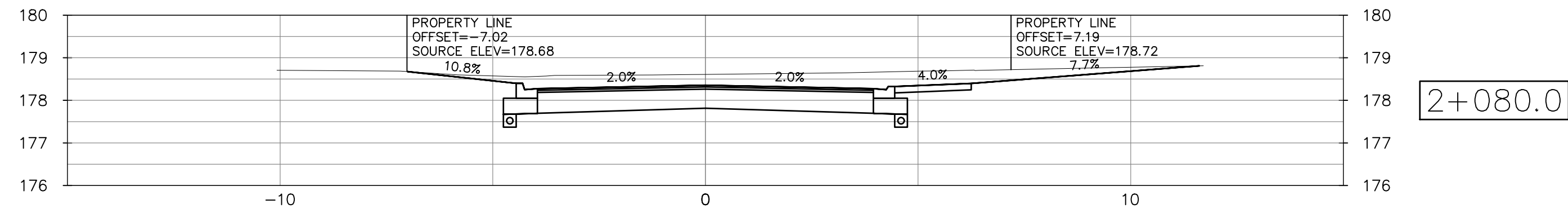
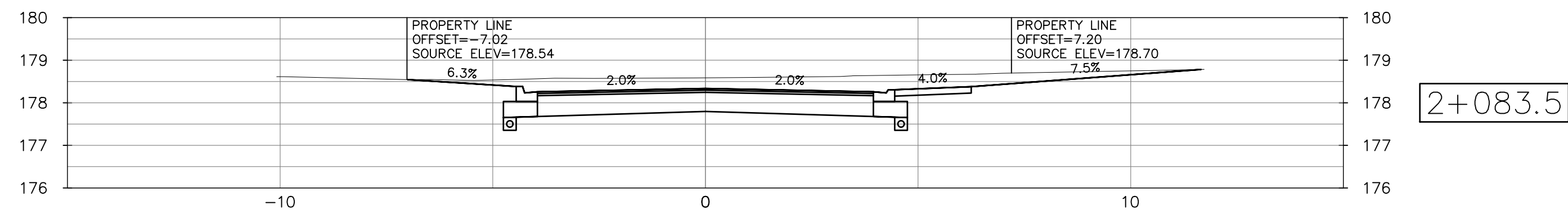
Fort Erie, ON

drawing title

OTT ROAD CROSS SECTIONS

STA 1+340 TO 1+360

drawn by	designed by
TC	TC
scale	date
1:100	02 DEC 2024
job number	issue
21146	B
drawing number	
21146-XS-03	



B	CONSTRUCTION	27 JAN 2025	TC
A	TENDER	02 DEC 2024	TC
issue	issued for	date	init.

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N: 4756451.632m
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SEE SHEET 21146-D-1 FOR FURTHER
DETAILS

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project title

OTT ROAD & WEST MAIN
STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24

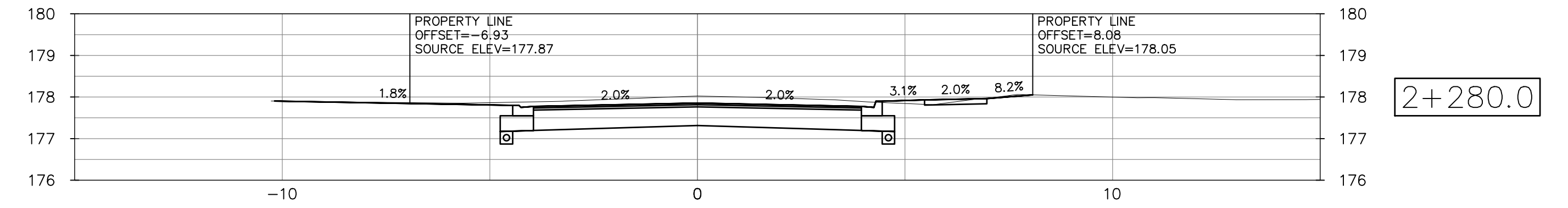
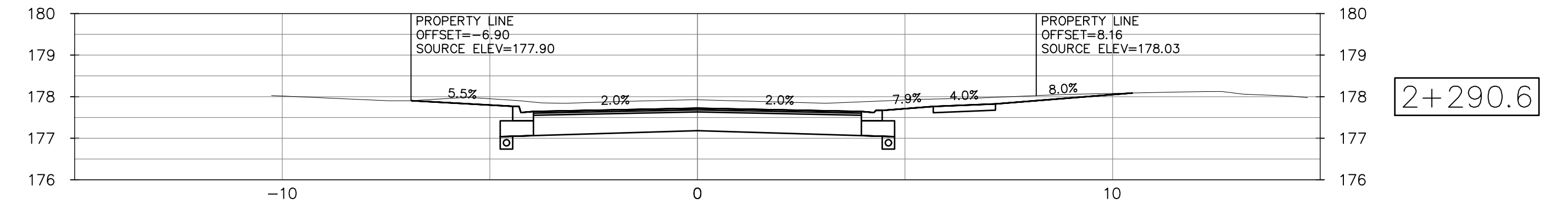
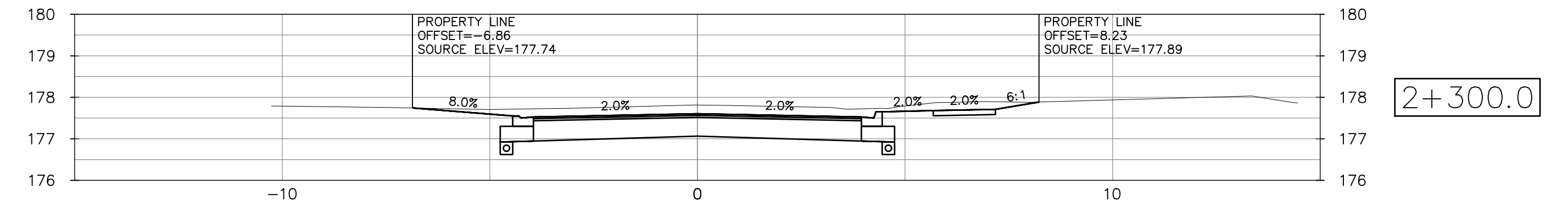
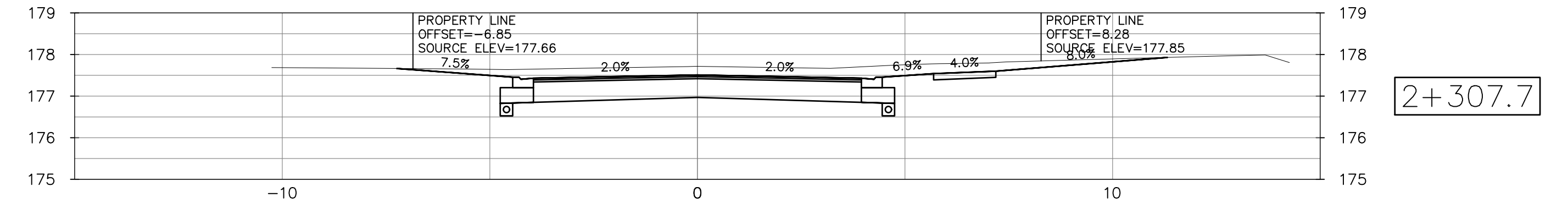
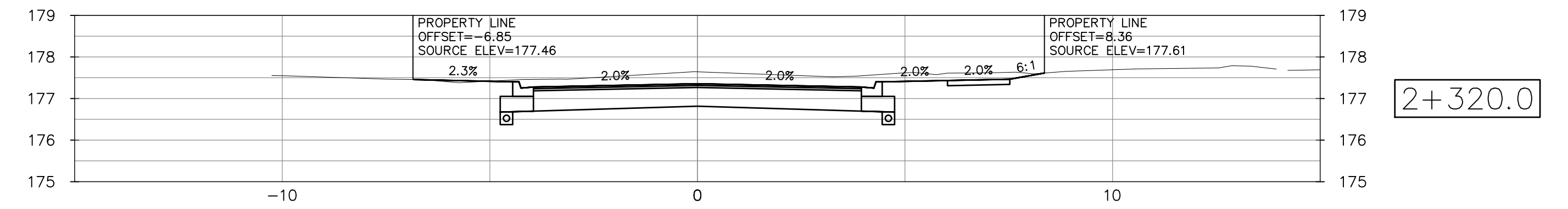
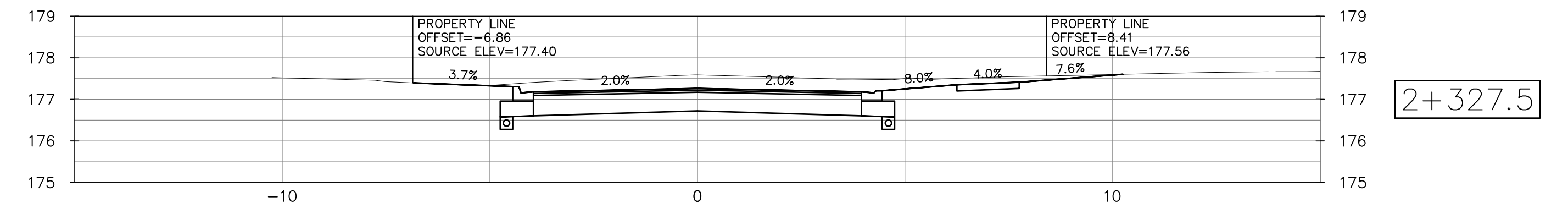
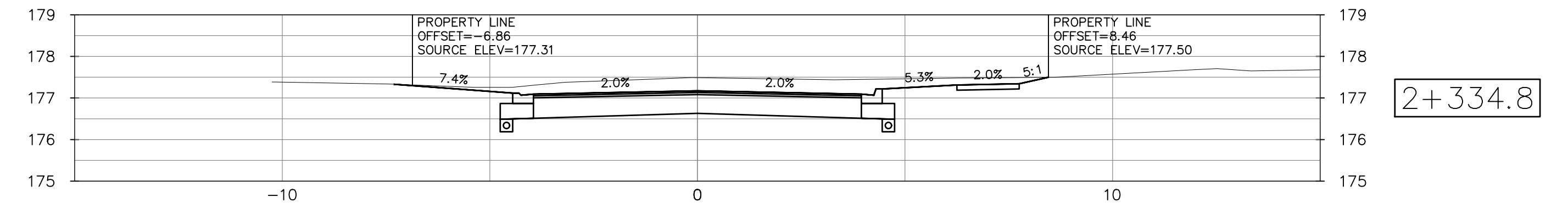
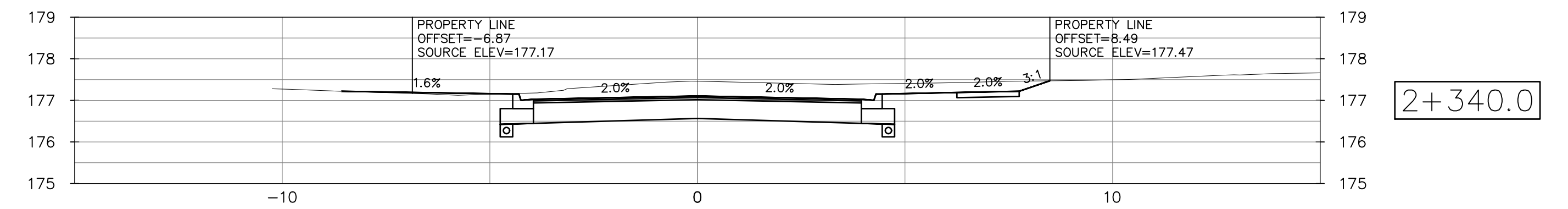
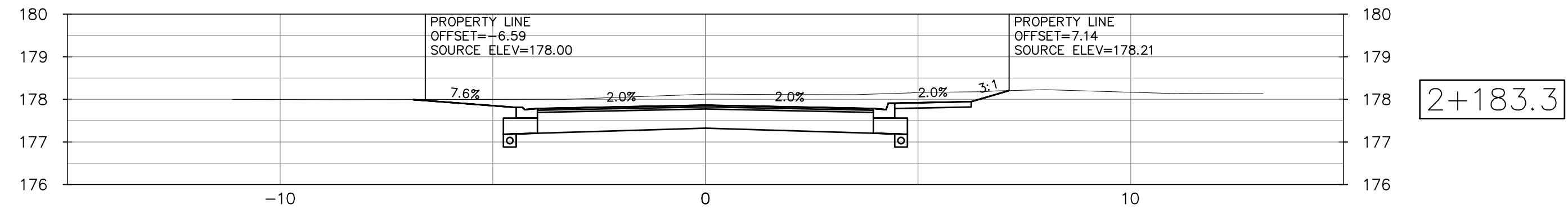
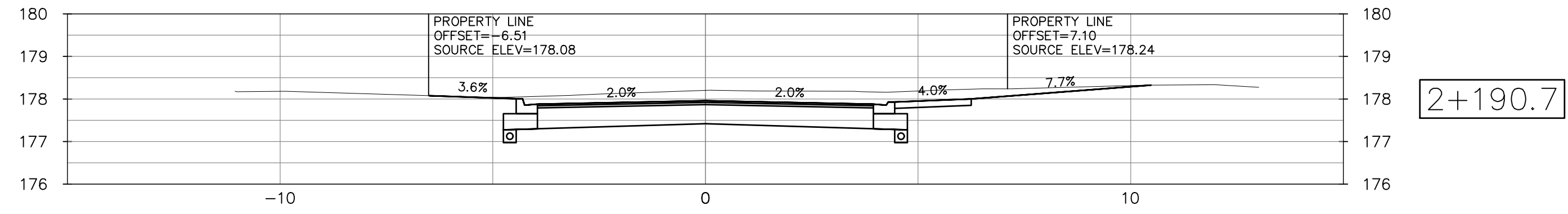
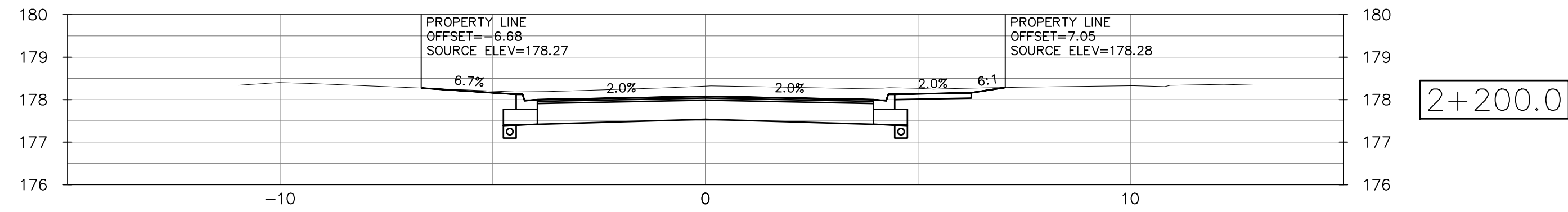
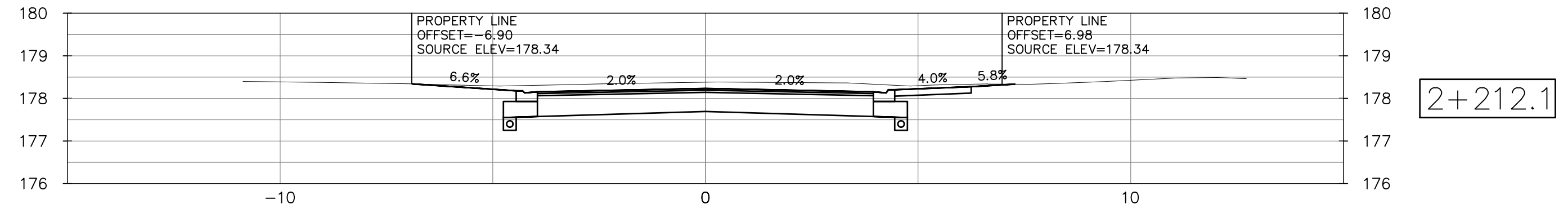
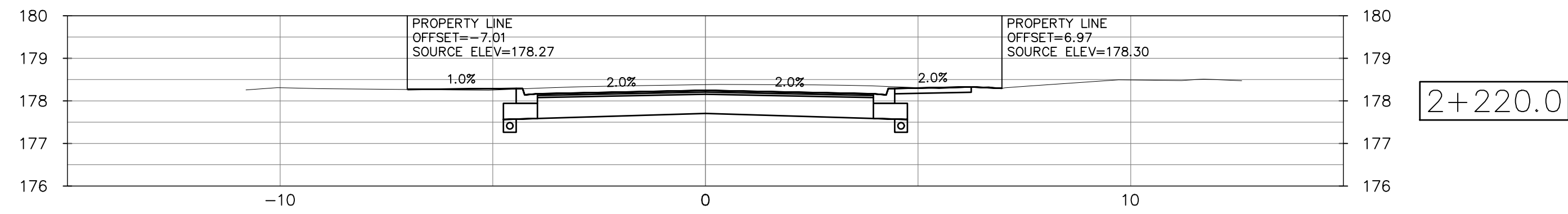
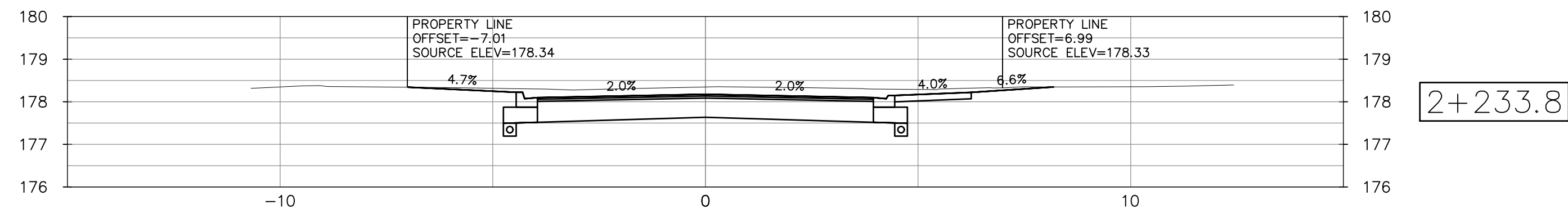
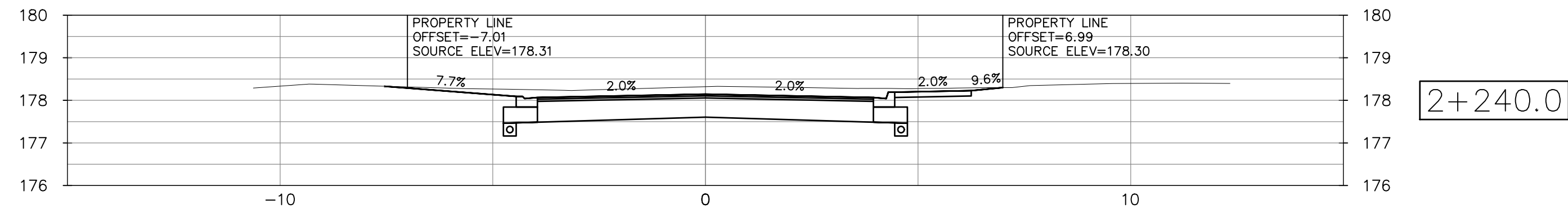
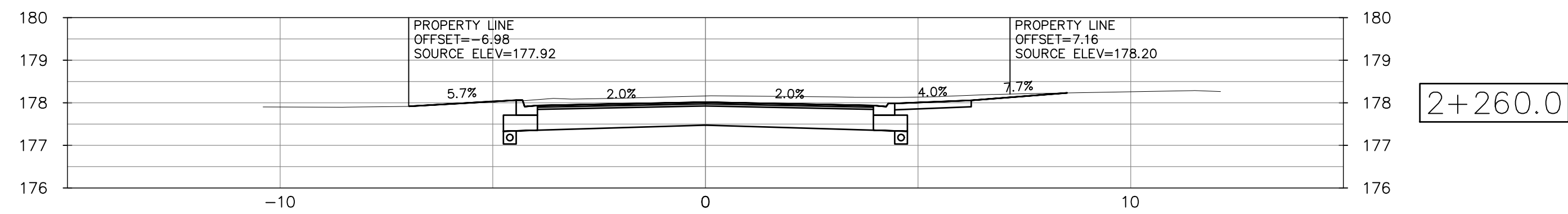
Fort Erie, ON

drawing title

WEST MAIN STREET
CROSS SECTIONS

STA 2+020 TO 2+180

drawn by	designed by
TC	TC
scale	date
1:100	02 DEC 2024
job number	issue
21146	B
drawing number	
21146-XS-04	



B	CONSTRUCTION	27 JAN 2025	TC
A	TENDER	02 DEC 2024	TC
issue	issued for	date	init.

NOTES:

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND SURFACE UTILITIES, AND THE STRUCTURES OF THESE UTILITIES ARE NOT NECESSARILY SHOWN ON THIS CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.

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SITE BENCHMARK INFORMATION:
TOP OF OPERATING NUT OF MU
FIRE HYDRANT ON SOUTH SIDE
WEST MAIN STREET JUST EAST
MUNI. NO. 4033 WEST MAIN ST
UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m
SEE SHEET 21146-D-1 FOR FU
DETAILS

50:



project title

OTT ROAD & WEST MAIN
STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24

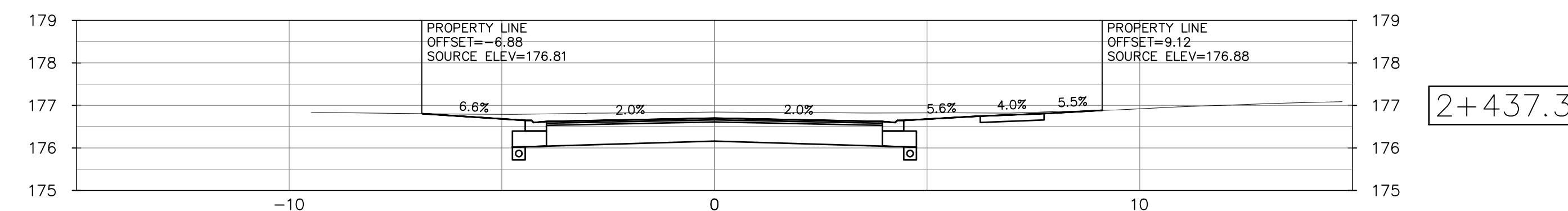
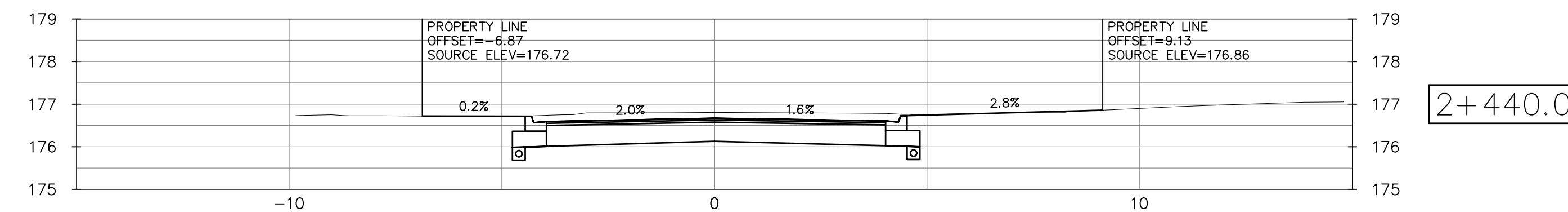
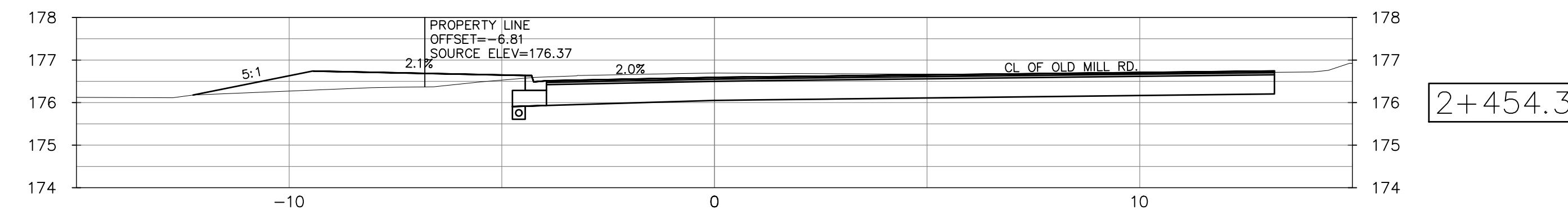
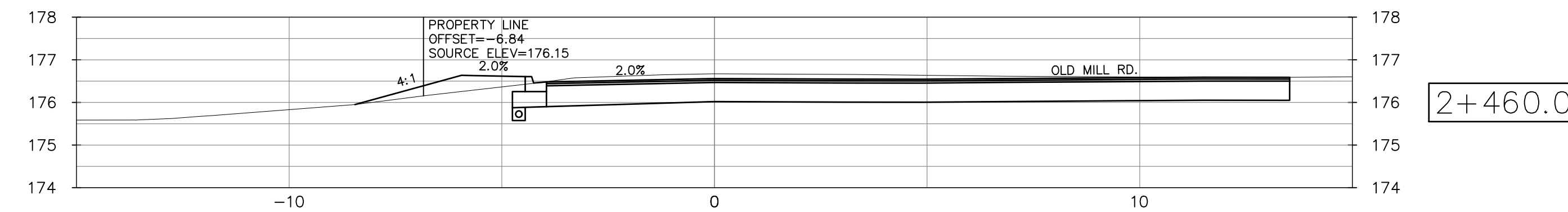
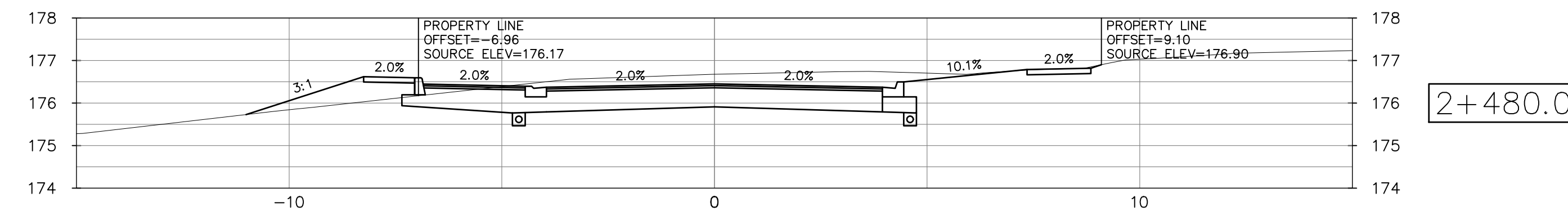
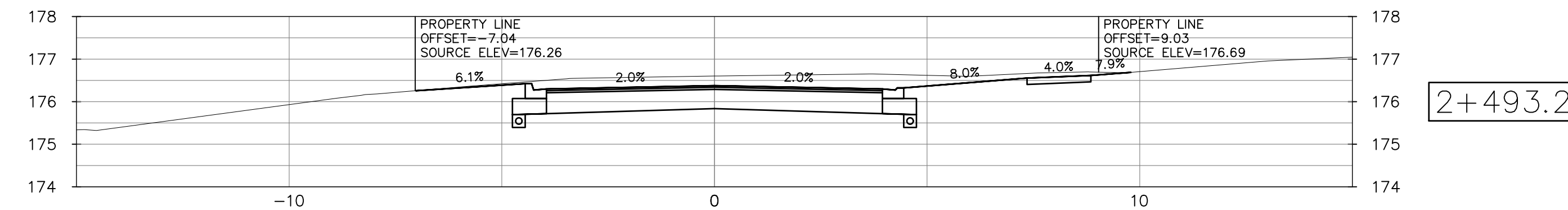
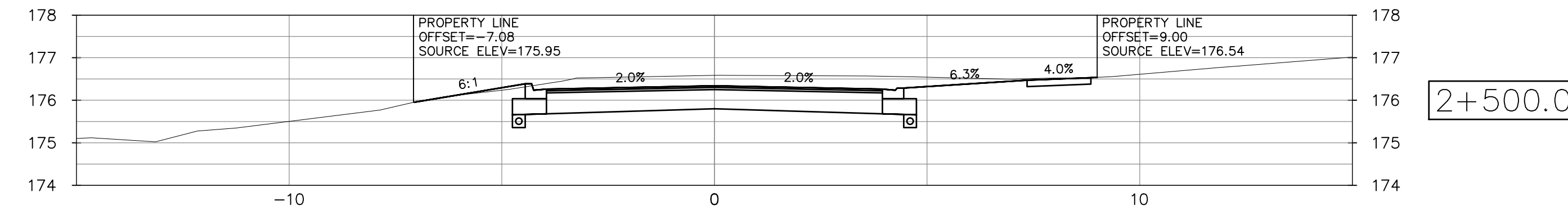
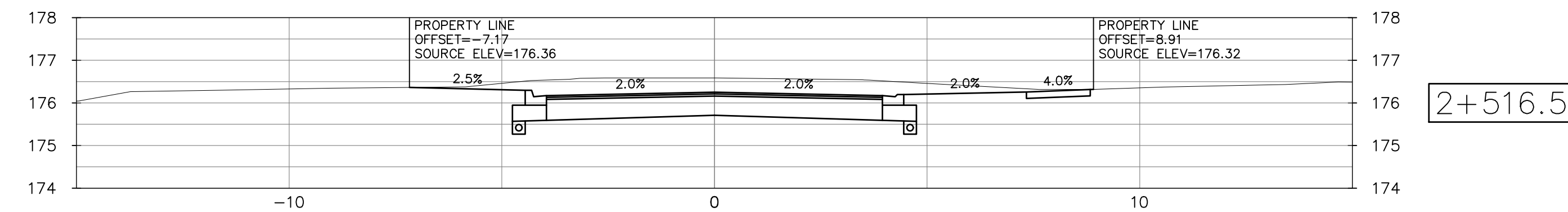
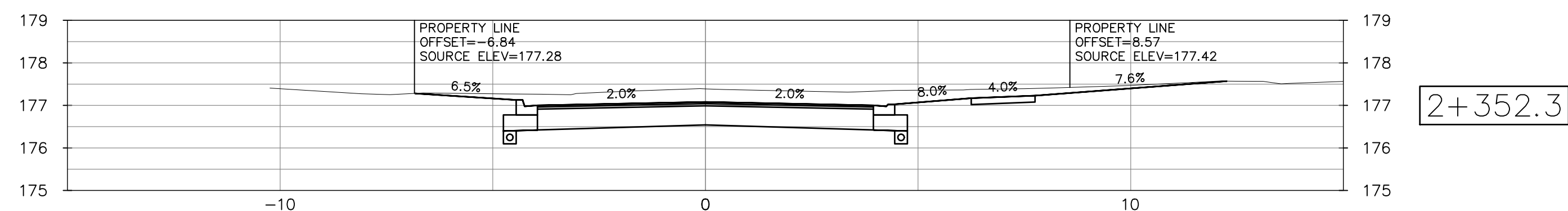
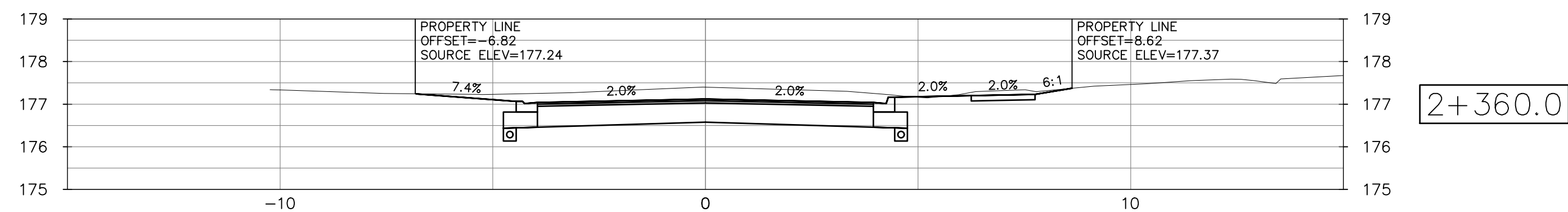
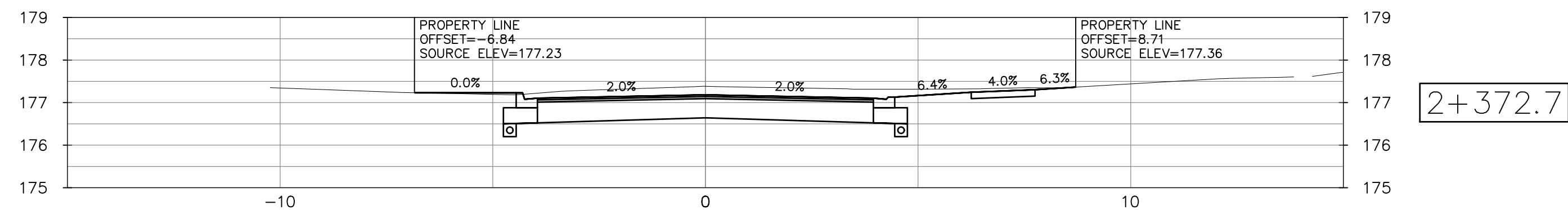
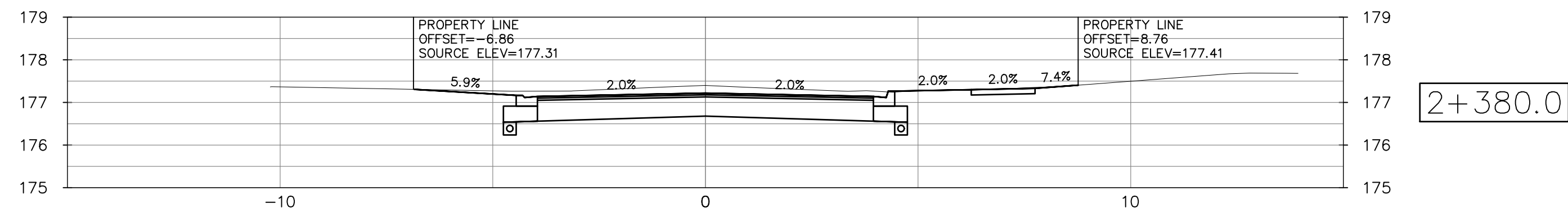
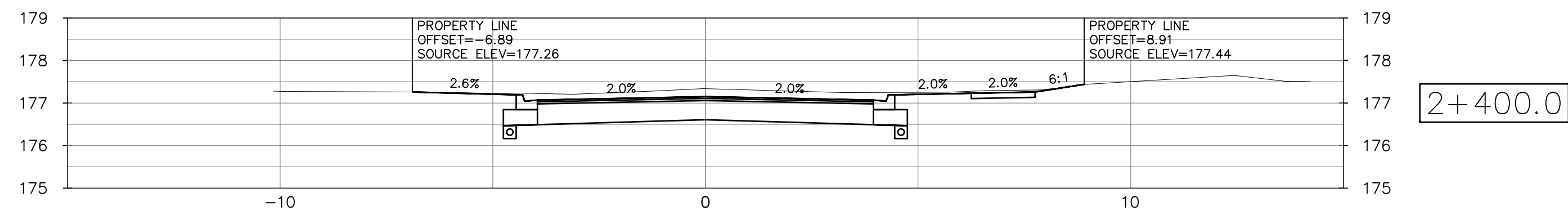
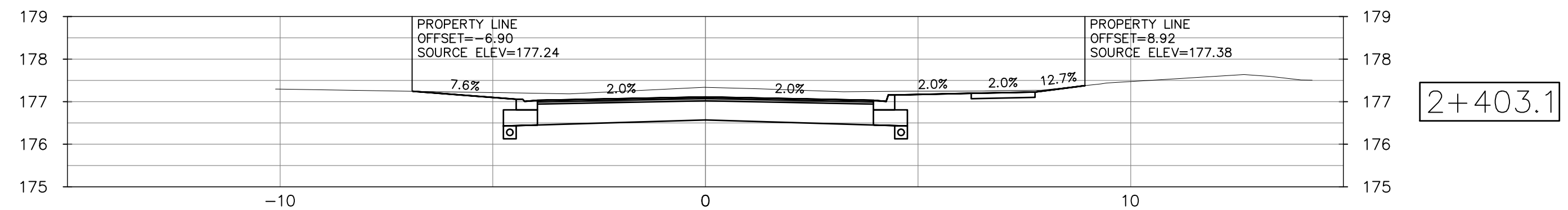
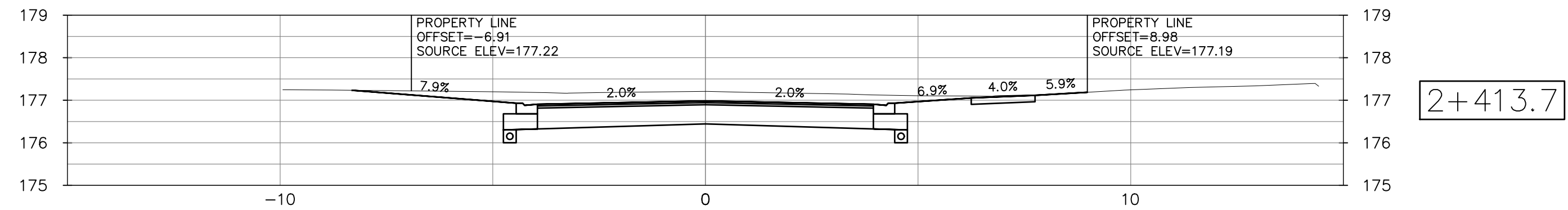
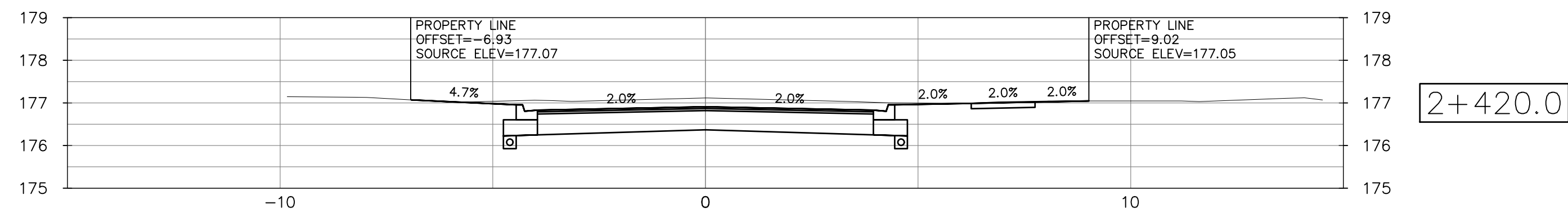
Fort Erie, ON

drawing title

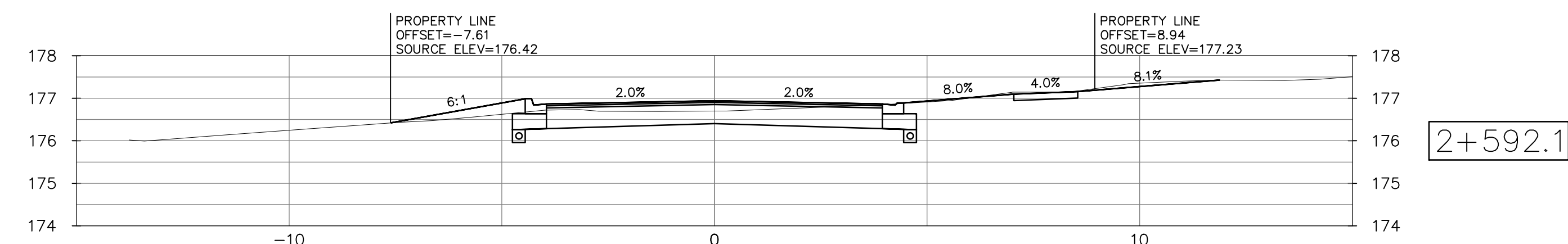
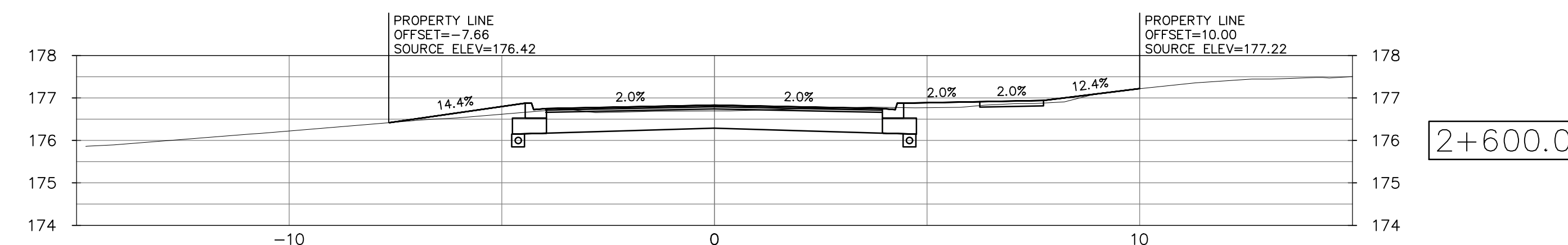
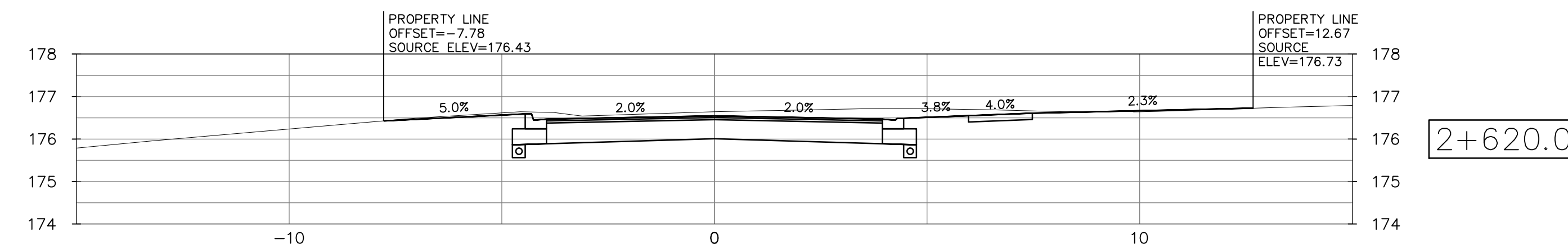
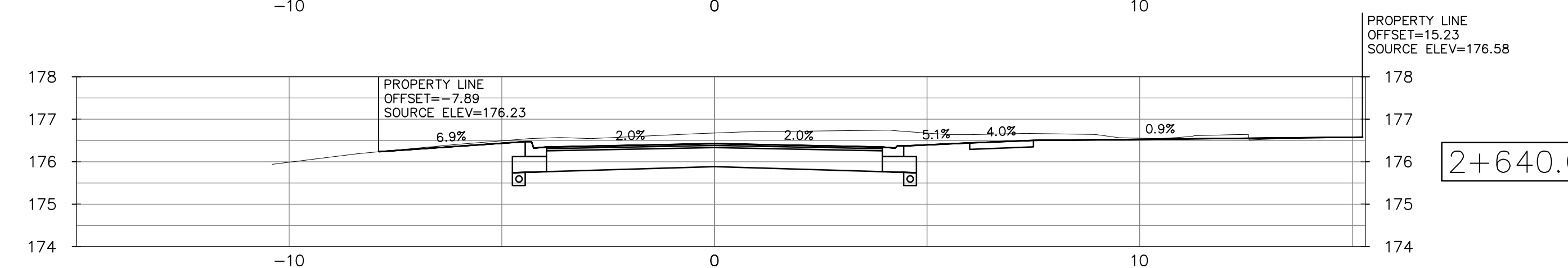
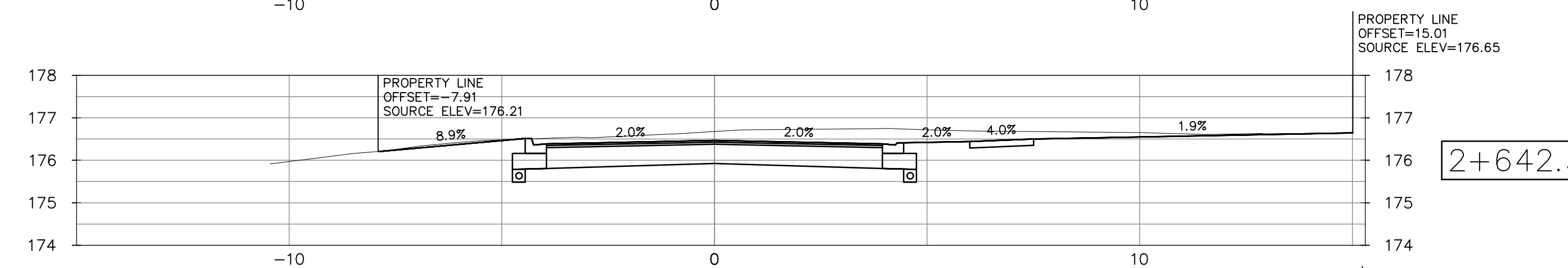
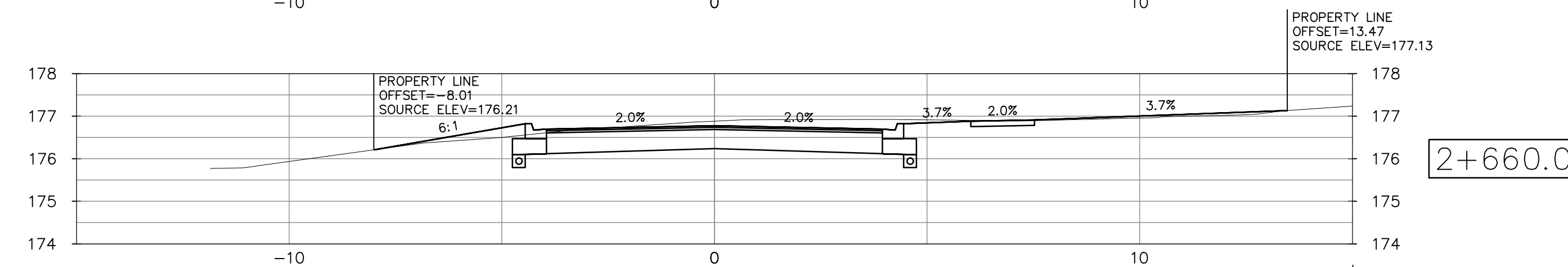
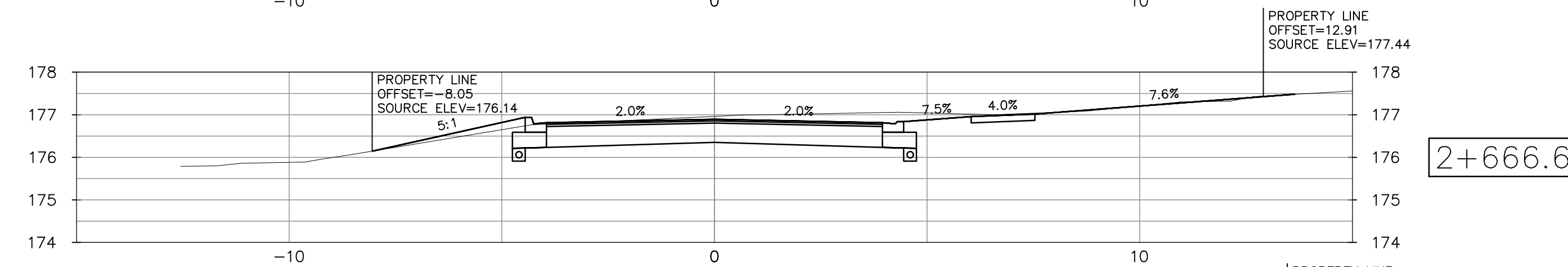
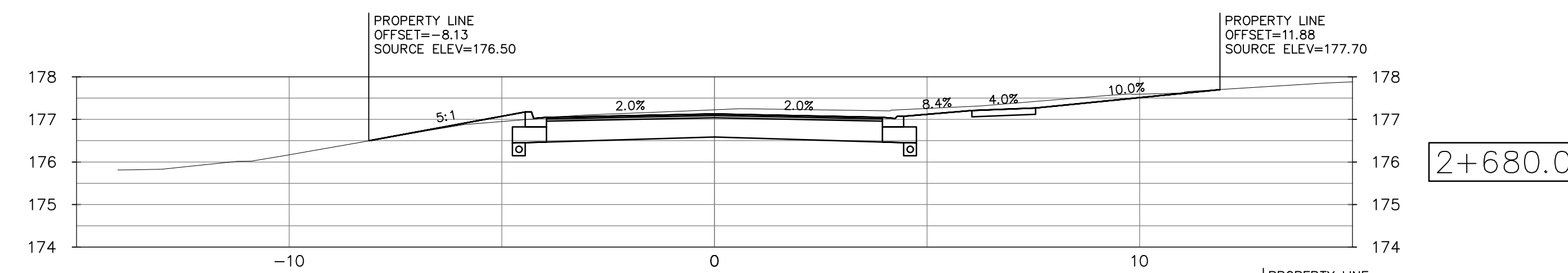
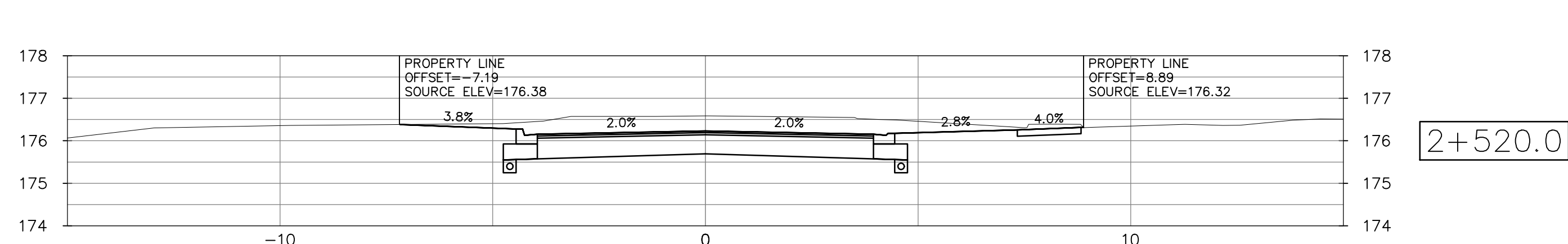
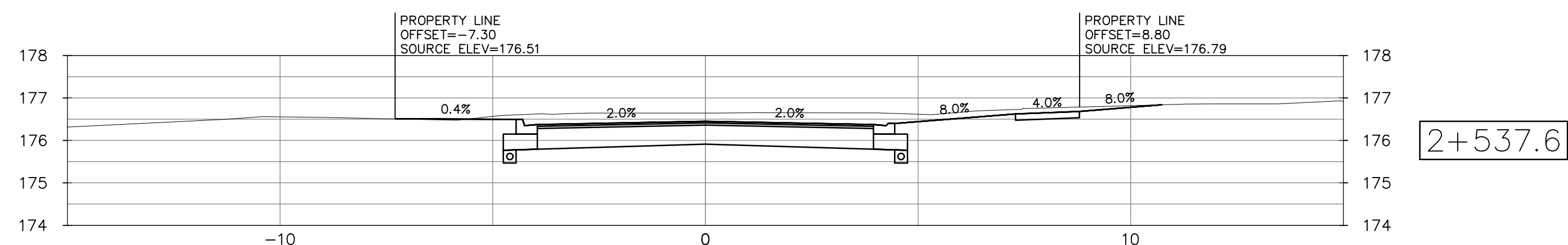
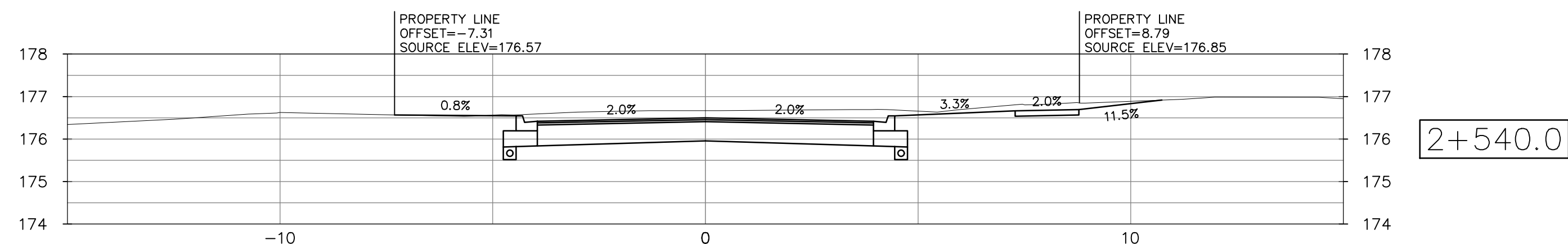
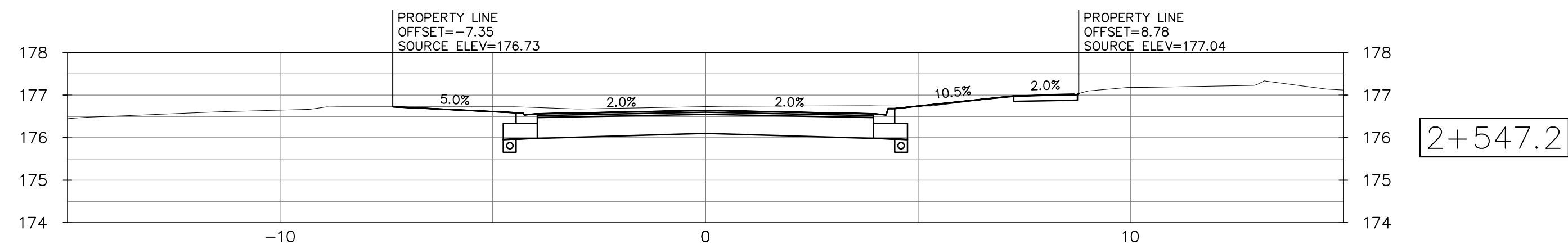
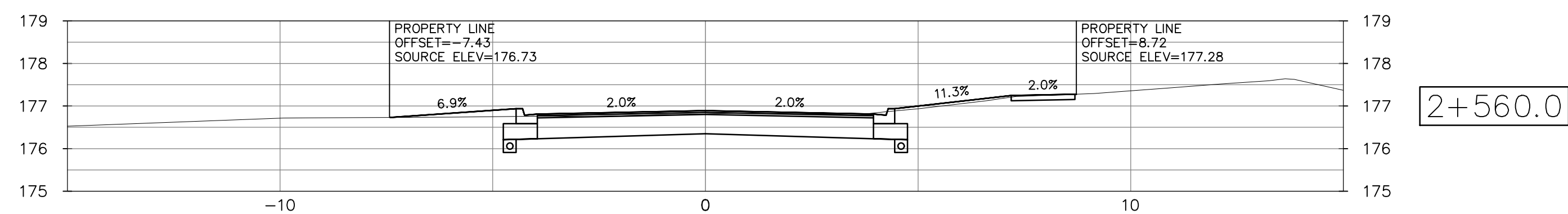
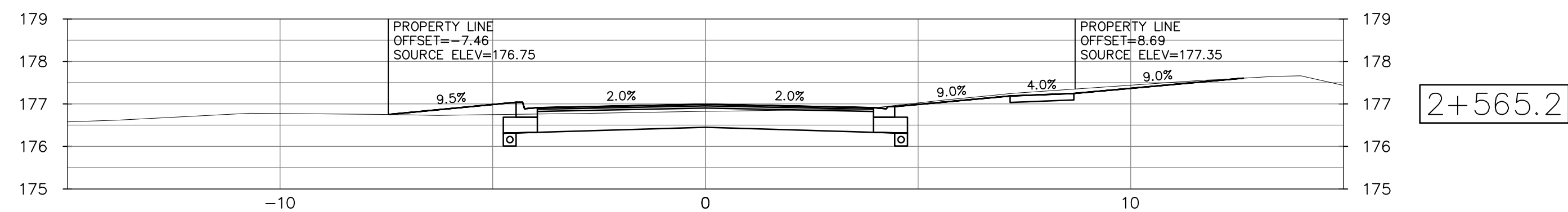
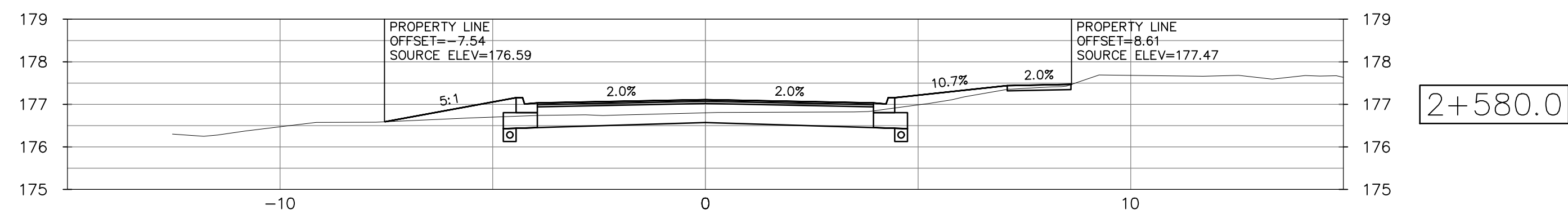
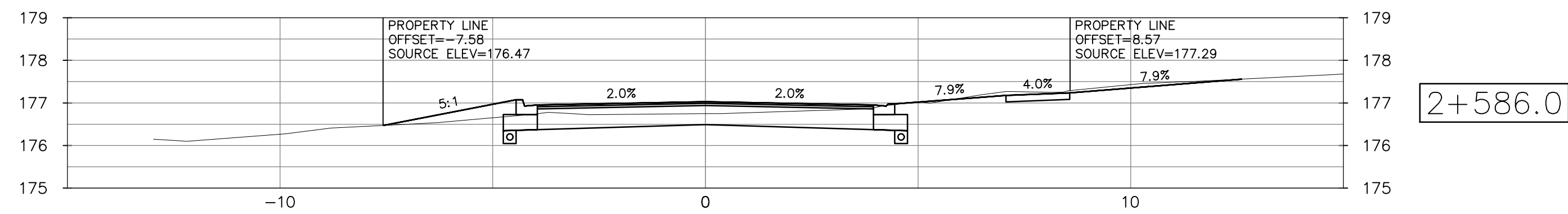
WEST MAIN STREET
CROSS SECTIONS

STA 2+183.3 TO 2+340

drawn by	designed by
TC	TC
scale	date
1:100	02 DEC 2024
job number	issue
21146	B
drawing number	
21146-XS-05	



				NOTES: 1. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM. 2. PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION. 3. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. THE TOWN OF FORT ERIE ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. THE USER OF THESE CAD FILES ASSUME ALL RISK AND RESPONSIBILITY FOR VERIFYING THE CORRECTNESS OF ALL INFORMATION FOR ANY USE.				Do not scale drawings. Report any discrepancies to Quartek Group Inc. before proceeding. Drawings must be sealed by the Architect and / or Engineer prior to use for any building permit applications and / or government approval. Seals must be signed by the Architect and / or Engineer before drawings are used for any construction. All construction to be in accordance with the current Ontario Building Code and all applicable Ontario regulations. All drawings and related documents remain the property of Quartek Group Inc., all drawings are protected under copyright and under contract.				SITE BENCHMARK INFORMATION: TOP OF OPERATING NUT OF MUNICIPAL FIRE HYDRANT ON SOUTH SIDE OF WEST MAIN STREET JUST EAST OF MUNI. NO. 4033 WEST MAIN STREET UTM (NAD 83, ZONE 17) N: 4756451.632m E: 7527339.071m ELEVATION: 178.770m SEE SHEET 21146-D-1 FOR FURTHER DETAILS				seal Quartek ♦ Architects ♦ Planners ♦ Engineers ♦ Project Managers 1 905 984 8476 89 - 91 St. Paul Street, Suite 100, St. Catharines, ON L2R 3A3 www.quartekgroup.com FORT ERIE ONTARIO				project title OTT ROAD & WEST MAIN STREET UPGRADE CONTRACT NO.: ISE-24T-OTTR21/OTTW24/WEST24 Fort Erie, ON				drawing title WEST MAIN STREET CROSS SECTIONS STA 2+352.3 TO 2+516.5				drawn by TC scale 1:100 job number 21146 drawing number 21146-XS-06				designed by TC date 02 DEC 2024 issue B			
B CONSTRUCTION		27 JAN 2025		TC		A TENDER		02 DEC 2024		TC		issued for		date		int.																			



B	CONSTRUCTION	27 JAN 2025	TC
A	TENDER	02 DEC 2024	TC
ISSUE	issued for	date	init.

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SITE BENCHMARK INFORMATION:
TOP OF OPERATING NUT OF MUNICIPAL
FIRE HYDRANT ON SOUTH SIDE OF
WEST MAIN STREET JUST EAST OF
MUNI. NO. 4033 WEST MAIN STREET

UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m

SEE SHEET 21146-D-1 FOR FURTHER
DETAILS

503

Quartek

- ◆ Architects
- ◆ Planners
- ◆ Engineers
- ◆ Project Managers

T 905 984 8676
89 - 91 St. Paul Street, Suite 100,
St. Catharines, ON, L2R 3M3
www.quartekgroup.com



project title

OTT ROAD & WEST MAIN
STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24

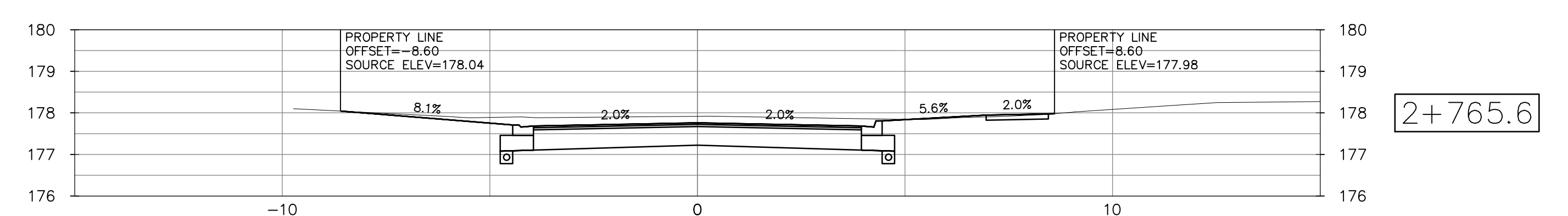
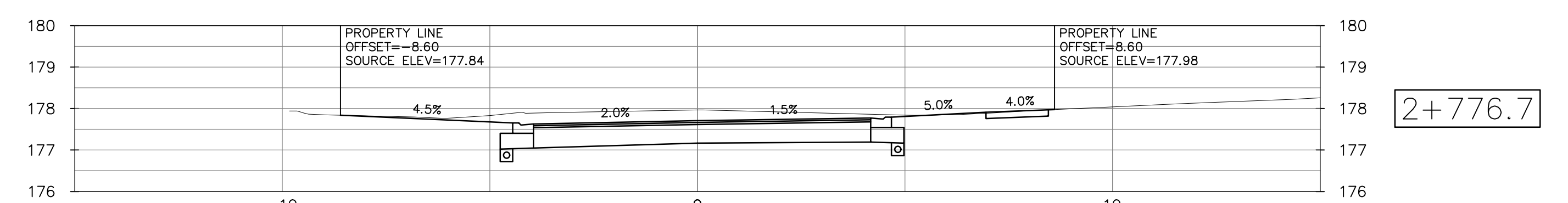
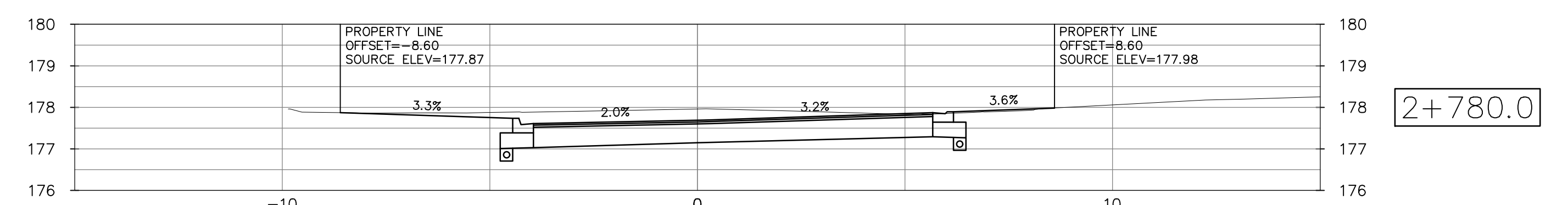
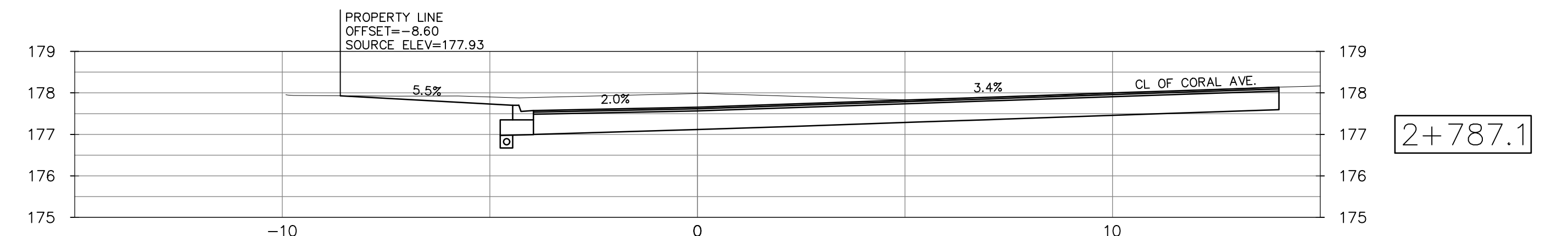
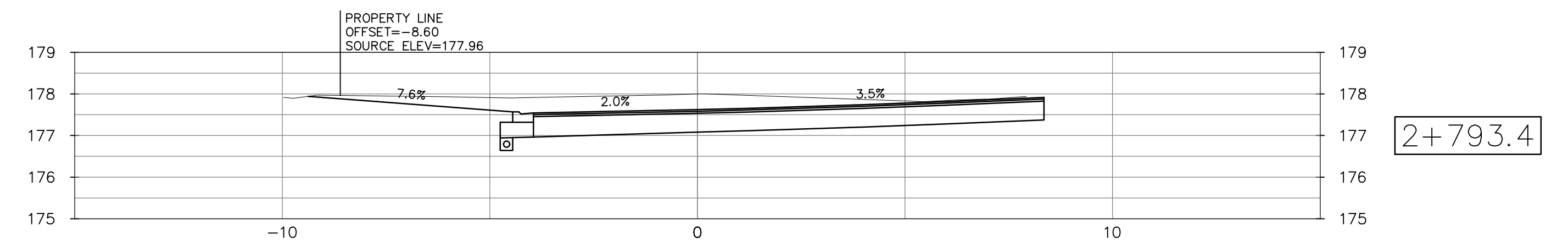
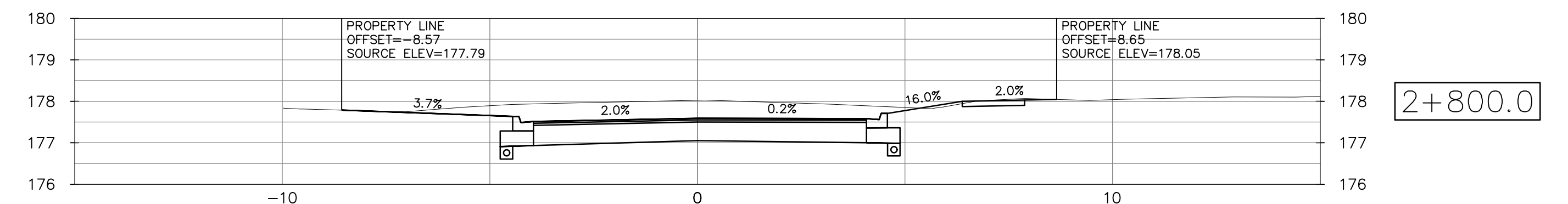
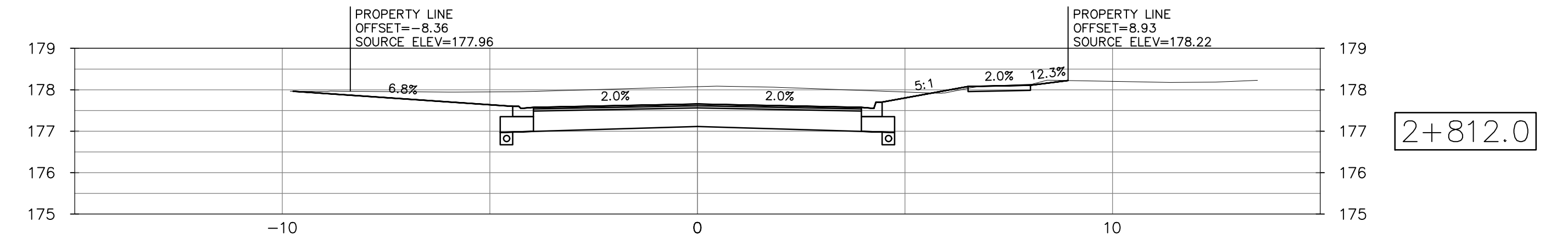
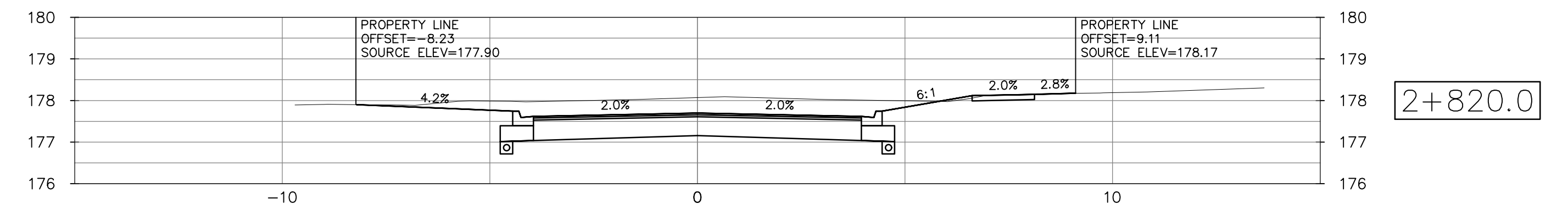
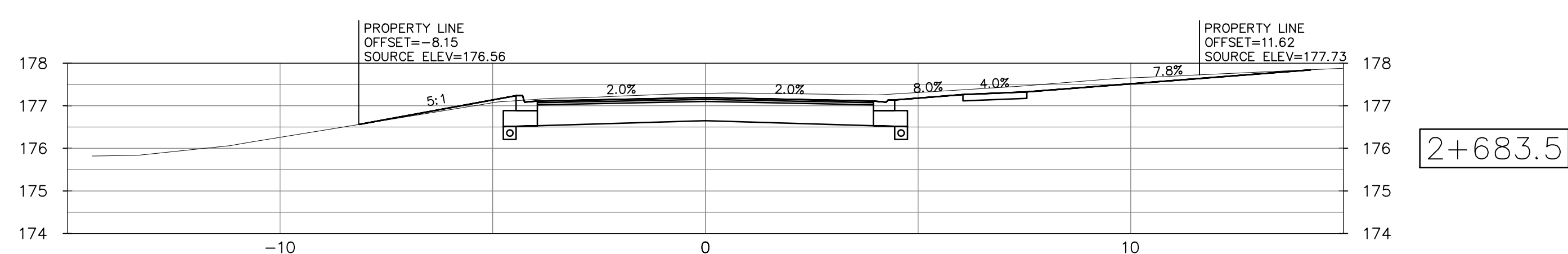
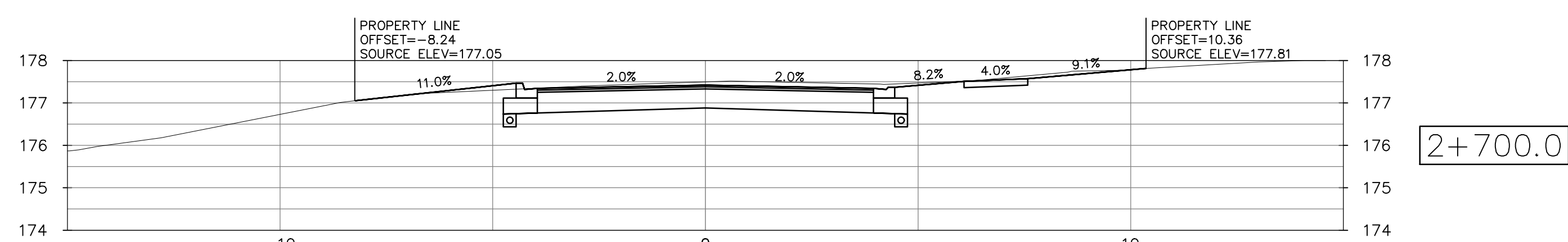
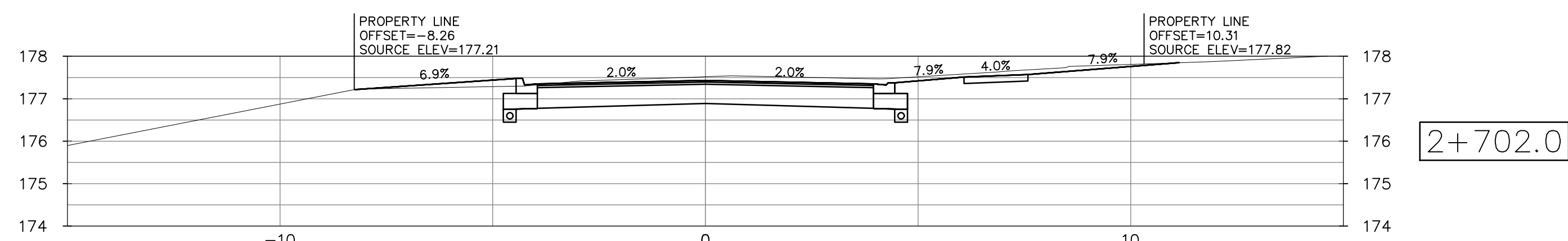
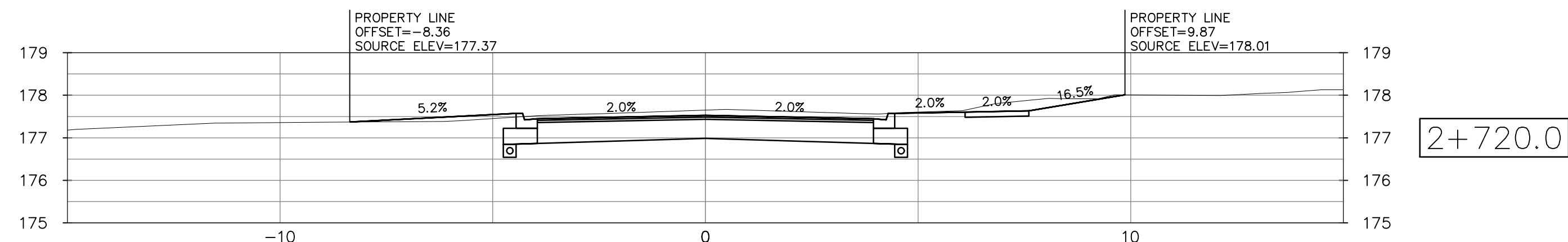
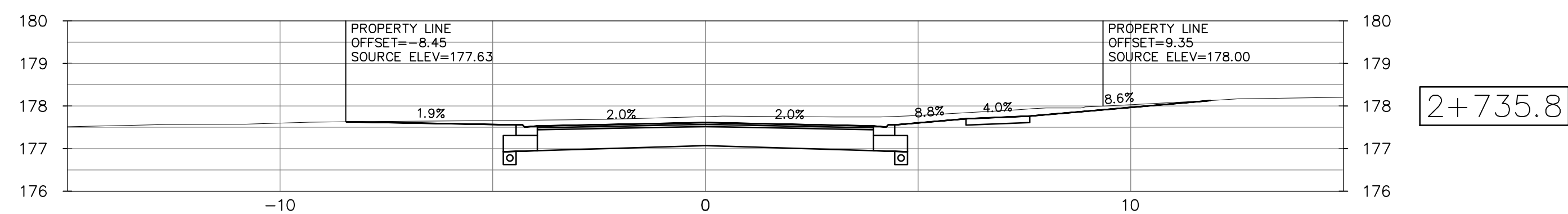
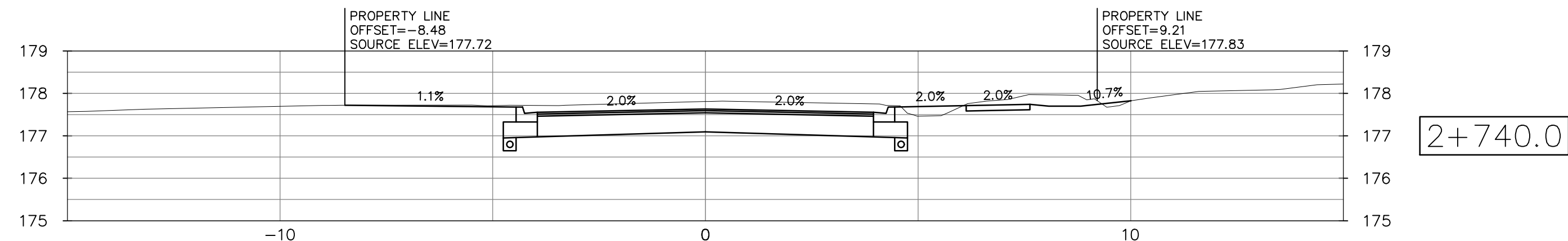
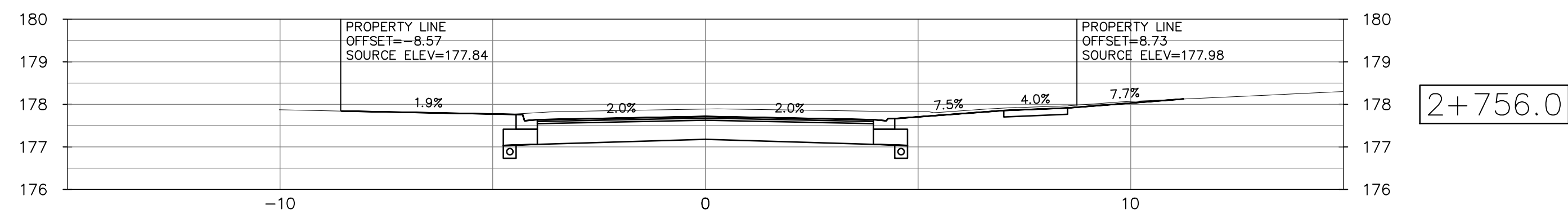
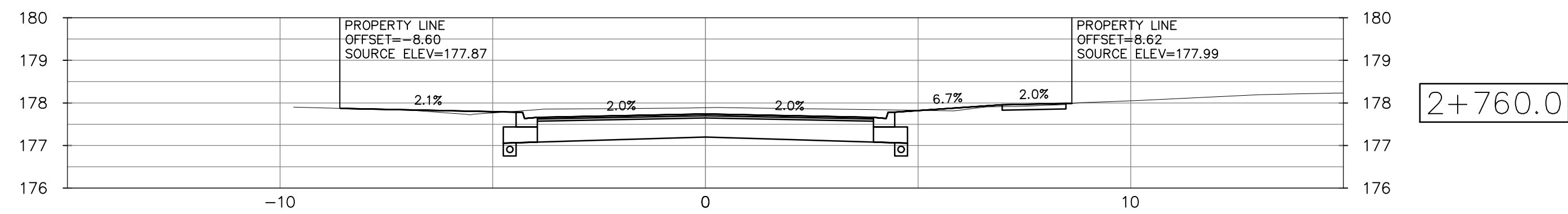
Fort Erie, ON

drawing title

WEST MAIN STREET
CROSS SECTIONS

STA 2+520 TO 2+680

drawn by	designed by
TC	TC
scale	date
1:100	02 DEC 2024
job number	issue
21146	B
drawing number	
21146-XS-07	



B	CONSTRUCTION	27 JAN 2025	TC
A	TENDER	02 DEC 2024	TC
ISSUE	issued for	date	init.

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TOP OF OPERATING NUT OF MUNICIPAL
FIRE HYDRANT ON SOUTH SIDE OF
WEST MAIN STREET JUST EAST OF
MUNI. NO. 4033 WEST MAIN STREET
UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m

SEE SHEET 21146-D-1 FOR FURTHER
DETAILS

seal

Quartek 

◆ Architects ◆ Planners
◆ Engineers ◆ Project Managers

T 905 984 8676
89 - 91 St. Paul Street, Suite 100,
St. Catharines, ON, L2R 3M3
www.quartekgroup.com



project title

OTT ROAD & WEST MAIN
STREET UPGRADE

CONTRACT NO.:
ISE-24T-OTTR21/OTTW24/WEST24

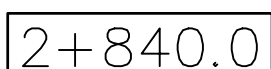
Fort Erie, ON

drawing title

WEST MAIN STREET
CROSS SECTIONS

STA 2+683.5 TO 2+820

drawn by	designed by
TC	TC
scale	date
1:100	02 DEC 2024
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21146	B
drawing number	
21146-XS-08	



NOTES:

1. THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWER AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE TO THEM.
2. PROPERTY LINES WERE PLOTTED USING REGISTERED PLANS AND BARS LOCATED IN THE FIELD. TO VERIFY THE ACCURACY OF THESE PROPERTY LINES, A LEGAL SURVEY SHOULD BE PERFORMED PRIOR TO CONSTRUCTION.
3. THIS DRAWING IS FOR ILLUSTRATIVE PURPOSES ONLY. THE TOWN OF FORT ERIE ASSUMES NO LIABILITY FOR USE IN ANY OTHER WAY. CAD FILES OF THIS DRAWING ARE NOT CERTIFIED BY THE ENGINEER FOR USE BY OTHERS. USERS OF THESE CAD FILES ASSUME ALL RISK AND LIABILITY.

SITE BENCHMARK INFORMATION:

TOP OF OPERATING NUT OF MUNICIPAL
FIRE HYDRANT ON SOUTH SIDE OF
WEST MAIN STREET JUST EAST OF
MUNI. NO. 4033 WEST MAIN STREET

UTM (NAD 83, ZONE 17)
N: 4756451.632m
E: 657739.071m
ELEVATION: 178.770m

SEE SHEET 21146-D-1 FOR FURTHER
DETAILS.



drawing title

WEST MAIN STREET
CROSS SECTIONS

STA 2+840 TO 2+899.7

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1:100	02 DEC 2024
job number	issue
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drawing number	
21146-XS-09	