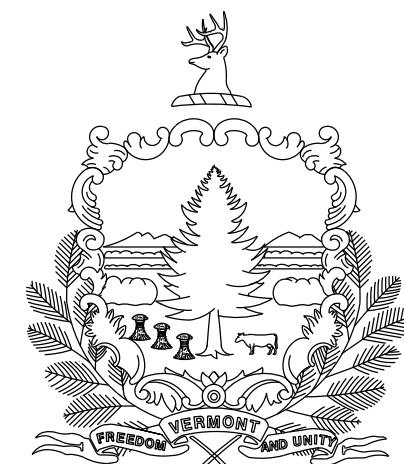


STATE OF VERMONT
AGENCY OF TRANSPORTATION



PROPOSED IMPROVEMENT
BRIDGE PROJECT

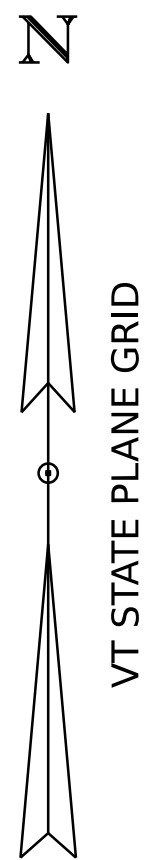
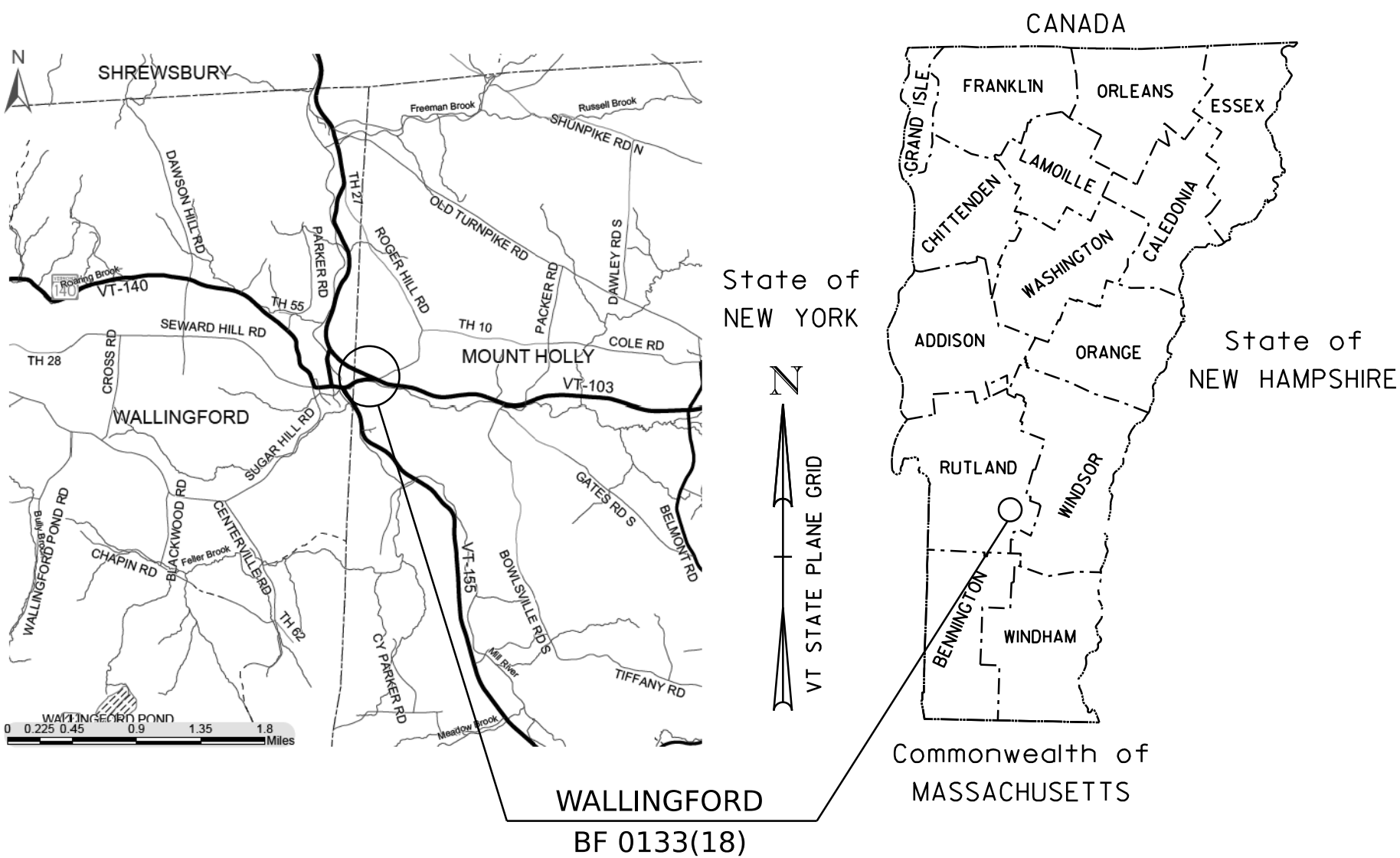
TOWN OF WALLINGFORD
COUNTY OF RUTLAND

ROUTE NO : VT 103 COLLECTOR, INTERSECTION VT 140

PROJECT LOCATION: EAST WALLINGFORD, INTERSECTION OF VT VT103 & VT140

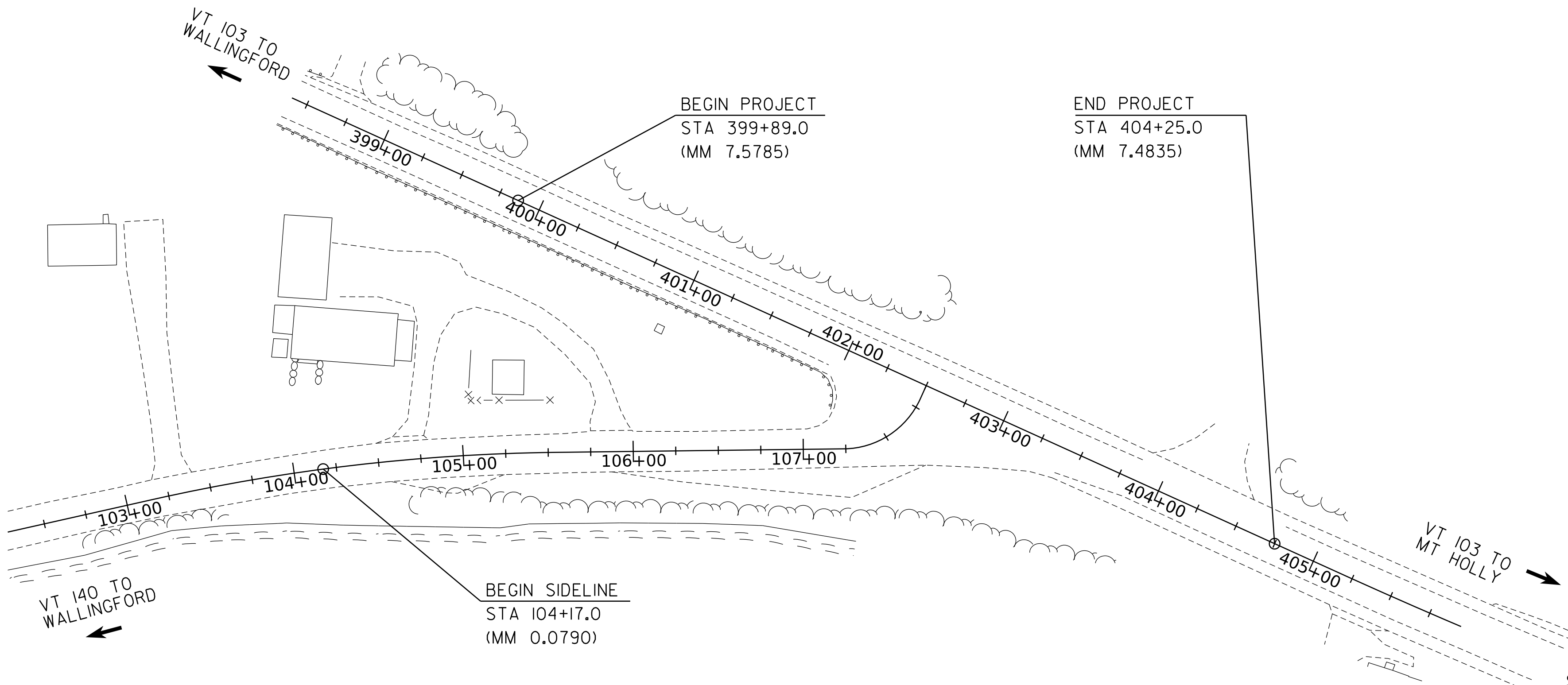
PROJECT DESCRIPTION: TEMPORARY IMPROVEMENTS TO THE INTERSECTION OF VT 103 AND VT 140
FOR TRUCK TURNING MOVEMENTS PRIOR TO BRIDGE REPLACEMENT PROJECT

LENGTH OF STRUCTURE: 0 FEET
LENGTH OF ROADWAY: 808.00 FEET
LENGTH OF PROJECT: 808.00 FEET



CONSTRUCTION IS TO BE CARRIED ON IN ACCORDANCE WITH THESE PLANS AND THE STANDARD SPECIFICATIONS FOR CONSTRUCTION DATED 2018, AS APPROVED BY THE FEDERAL HIGHWAY ADMINISTRATION ON APRIL 13, 2018 FOR USE ON THIS PROJECT, INCLUDING ALL SUBSEQUENT REVISIONS AND SUCH REVISED SPECIFICATIONS AND SPECIAL PROVISIONS AS ARE INCORPORATED IN THESE PLANS.

QUALITY ASSURANCE PROGRAM : LEVEL 4	
SURVEYED BY :	VTRANS
SURVEYED DATE :	04/23/2023
DATUM	
VERTICAL	NAVD 88 FT
HORIZONTAL	NAD 83 (2011) SPC (4400 VT) 5FT

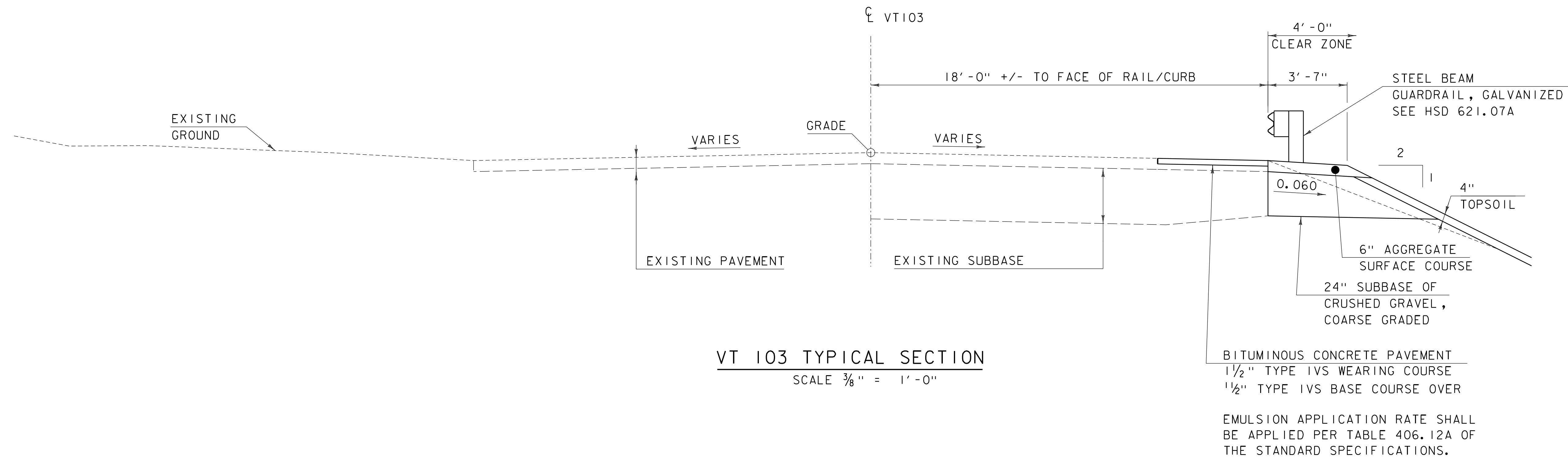


SCALE 1" = 50'-0"

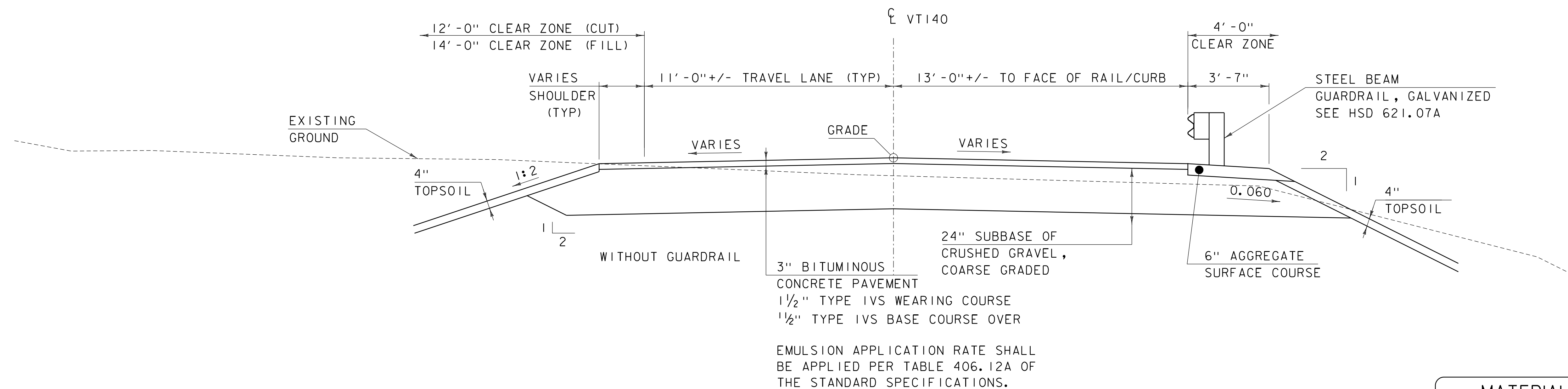
HIGHWAY DIVISION, CHIEF ENGINEER	
APPROVED _____	DATE _____
PROJECT MANAGER : LAURA STONE, P.E.	
PROJECT NAME : WALLINGFORD	
PROJECT NUMBER : BF 0133 (18) C/I	
SHEET 1 OF 16 SHEETS	

PLAN SHEETS		STANDARDS LIST		
1	TITLE SHEET	A-76	STANDARDS FOR TOWN & DEVELOPMENT ROADS	03-03-2003
2	SHEET INDEX	B-71a	STANDARD FOR RESIDENTIAL DRIVES	04-07-2020
3	TYPICAL SECTIONS	B-71b	STANDARD FOR COMMERCIAL DRIVES	04-07-2020
4	PROJECT NOTES & QUANTITIES	E-10	ROLLED EROSION CONTROL PRODUCT, TYPE I	04-07-2020
5	LAYOUT SHEET	E-12	STABILIZED CONSTRUCTION ENTRANCE	04-07-2020
6	VT103 & VT140 PROFILE SHEET	E-13	INLET PROTECTION DEVICE, TYPE I	04-07-2020
7 - 11	VT103 CROSS SECTIONS 1-5	E-15	SILT FENCE	04-07-2020
12 - 14	VT140 CROSS SECTIONS 1-3	E-121	STANDARD SIGN PLACEMENT - CONVENTIONAL ROAD	08-08-1995
15	VT103xVT140 EOP CROSS SECTIONS 1	E-125	TRAVEL INFORMATION SIGNS	08-08-1995
16	ROW PROPERTY OWNER SHEET	E-126	TYPICAL FREEWAY INTERCHANGE SIGNING	02-01-2000
		E-127	ROUTE MARKINGS AT RURAL INTERSECTIONS	08-08-1995
		E-131	GUIDE SIGN DETAILS	08-08-1995
		E-132	GENERAL MOTORIST SERVICE SIGN DETAILS	08-18-1995
		E-136B	STATE ROUTE MARKER SIGN DETAILS	08-08-1995
		E-191	PAVEMENT MARKING DETAILS	02-01-1999
		E-192	PAVEMENT MARKING DETAILS	10-12-2000
		E-193	PAVEMENT MARKING DETAILS	08-18-1995
		G-1	STEEL BEAM GUARDRAIL DETAILS (POST, DELINEATOR, TYPICALS)	03-10-2017
		G-1D	STEEL BEAM GUARDRAIL DETAILS (END TERMINAL, ANCHOR, MEDIAN)	03-10-2017
		J-3	MAIL BOX SUPPORT DETAILS	08-07-1995
		T-28	CONSTRUCTION SIGN DETAILS	08-06-2012
		T-29	CONSTRUCTION SIGN DETAILS	08-06-2012
		T-30	CONSTRUCTION SIGN DETAILS	02-17-2022
		T-31	CONSTRUCTION SIGN DETAILS	08-06-2012
		T-33	MISCELLANEOUS SIGN DETAILS	08-06-2012
		T-35	CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS	08-06-2012
		T-36	CONSTRUCTION ZONE LONGITUDINAL DROP-OFFS FOR PAVING	08-06-2012
		T-45	SQUARE TUBE SIGN POST AND ANCHOR	01-02-2013
		T-55	SIGN PLACEMENT EXPRESSWAY & FREEWAY	10-26-2015
DETAIL SHEETS				

PROJECT NAME: WALLINGFORD	
PROJECT NUMBER: BF 0133(18)	
FILE NAME: s23b009index.dgn	PLOT DATE: 9/14/2023
PROJECT LEADER: L. STONE	DRAWN BY: M. LONGSTREET
DESIGNED BY: D. PETERSON	CHECKED BY: D. PETERSON
SHEET INDEX	SHEET 2 OF 16



VT 103 TYPICAL SECTION
SCALE $\frac{3}{8}" = 1' - 0"$



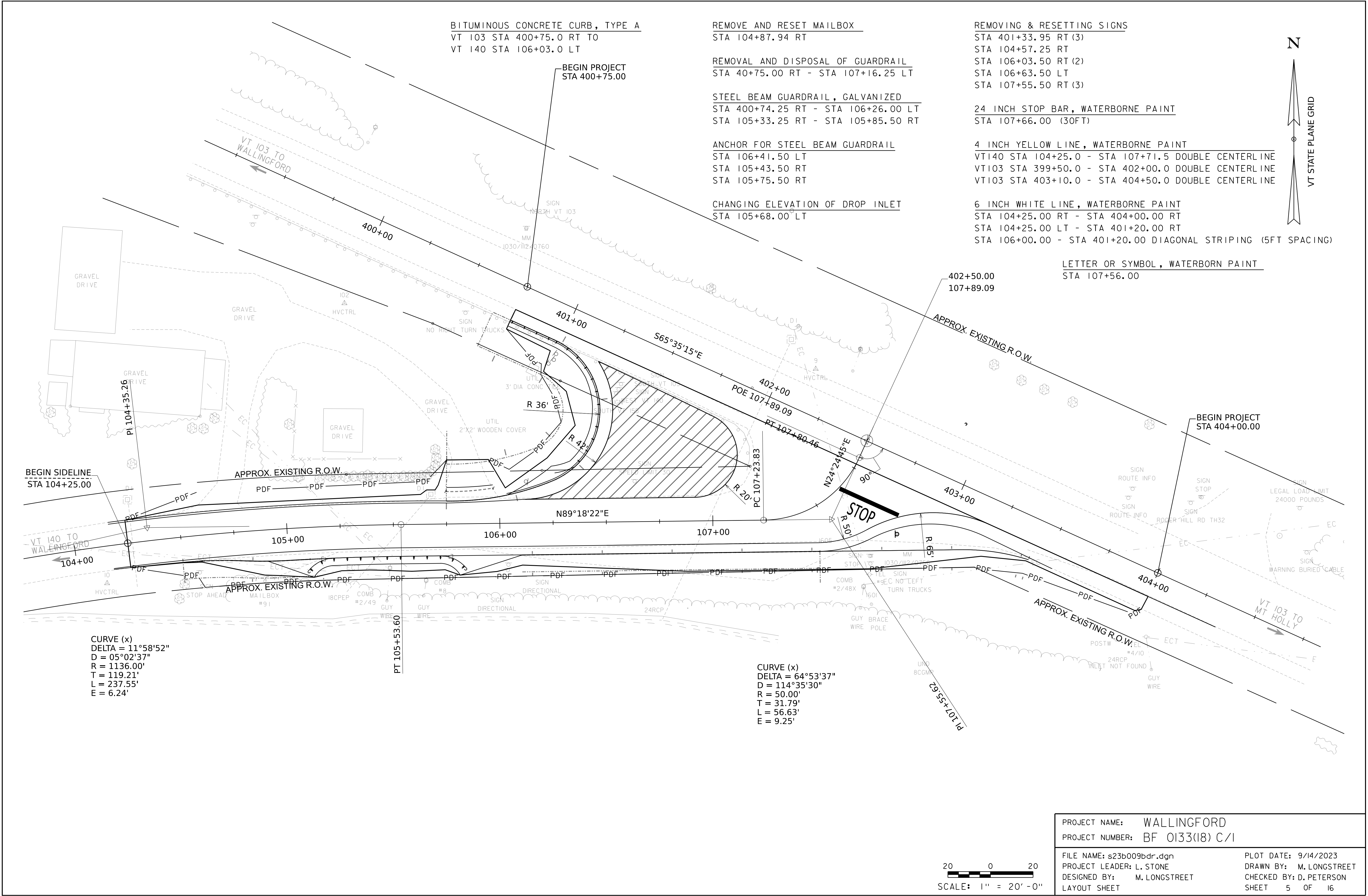
VT 140 TYPICAL SECTION
SCALE $\frac{3}{8}" = 1' - 0"$

MATERIAL TOLERANCES (IF USED ON PROJECT)	
SURFACE	
- PAVEMENT (TOTAL THICKNESS)	+/- $\frac{1}{4}"$
- AGGREGATE SURFACE COURSE	+/- $\frac{1}{2}"$
SUBBASE	+/- 1"
SAND BORROW	+/- 1"

PROJECT NAME:	WALLINGFORD
PROJECT NUMBER:	BF 0133(18) C/1
FILE NAME:	s23b009typ.dgn
PROJECT LEADER:	L. STONE
DESIGNED BY:	D. PETERSON
TYPICAL SECTIONS	
PLOT DATE:	9/14/2023
DRAWN BY:	M. LONGSTREET
CHECKED BY:	D. PETERSON
SHEET	3 OF 16

SUMMARY OF ESTIMATED QUANTITIES		DESCRIPTIONS			
	Lump Sum Project	UNIT	ITEMS	ITEM NUMBER	ROUND
	1.00	LS	CLEARING AND GRUBBING, INCLUDING INDIVIDUAL TREES AND STUMPS	201.10	
	30.00	CY	COMMON EXCAVATION	203.15	
	150.00	CY	EARTH BORROW	203.30	
	250.00	SY	COARSE-MILLING, BITUMINOUS PAVEMENT	210.10	
	460.00	CY	SUBBASE OF CRUSHED GRAVEL, COARSE GRADED	301.25	
	20.00	CY	AGGREGATE SURFACE COURSE	401.10	
	18.00	CWT	EMULSIFIED ASPHALT	404.65	
	128.00	LF	BITUMINOUS CONCRETE CURB, TYPE A	616.305	
	1.00	EACH	REMOVE AND RESET MAILBOX, SINGLE SUPPORT	617.10	
	165.00	LF	STEEL BEAM GUARDRAIL, GALVANIZED	621.20	
	3.00	EACH	ANCHOR FOR STEEL BEAM RAIL	621.60	
	141.00	LF	REMOVAL AND DISPOSAL OF GUARDRAIL	621.80	
	1,200.00	LF	4 INCH YELLOW LINE, WATERBORNE PAINT	646.2111	
	225.00	LF	6 INCH WHITE LINE, WATERBORNE PAINT	646.2141	
	22.00	LF	24 INCH STOP BAR, WATERBORNE PAINT	646.261	
	4.00	EACH	LETTER OR SYMBOL, WATERBORNE PAINT	646.301	
	60.00	CY	TOPSOIL	651.35	
	724.00	LF	PROJECT DEMARCATION FENCE	653.55	
	5.00	EACH	REMOVING SIGNS	675.50	
	5.00	EACH	RESETTING SIGNS	675.60	
	760.00	TON	SPECIAL PROVISION ((BITUMINOUS CONCRETE PAVEMENT, SMALL QUANTITY))	900.680	

PROJECT NAME: WALLINGFORD	
PROJECT NUMBER: BF 0133(18) C/1	
FILE NAME: s23b009index.dgn	PLOT DATE: 9/14/2023
PROJECT LEADER: ROB YOUNG	DRAWN BY: M. LONGSTREET
DESIGNED BY: D. PETERSON	CHECKED BY: D. PETERSON
PROJECT NOTES & QUANTITIES	SHEET 4 OF 16



BITUMINOUS CONCRETE CURB, TYPE A
VT 103 STA 400+75.0 RT TO
VT 140 STA 106+03.0 LT

REMOVE AND RESET MAILBOX
STA 104+87.94 RT

REMOVAL AND DISPOSAL OF GUARDRAIL
STA 40+75.00 RT - STA 107+16.25 LT

STEEL BEAM GUARDRAIL, GALVANIZED
STA 400+74.25 RT - STA 106+26.00 LT
STA 105+33.25 RT - STA 105+85.50 RT

ANCHOR FOR STEEL BEAM GUARDRAIL
STA 106+41.50 LT
STA 105+43.50 RT
STA 105+75.50 RT

CHANGING ELEVATION OF DROP INLET
STA 105+68.00 LT

REMOVING & RESETTING SIGNS
STA 401+33.95 RT (3)
STA 104+57.25 RT
STA 106+03.50 RT (2)
STA 106+63.50 LT
STA 107+55.50 RT (3)

24 INCH STOP BAR, WATERBORNE PAINT
STA 107+66.00 (30FT)

4 INCH YELLOW LINE, WATERBORNE PAINT
VT140 STA 104+25.0 - STA 107+71.5 DOUBLE CENTERLINE
VT103 STA 399+50.0 - STA 402+00.0 DOUBLE CENTERLINE
VT103 STA 403+10.0 - STA 404+50.0 DOUBLE CENTERLINE

6 INCH WHITE LINE, WATERBORNE PAINT
STA 104+25.00 RT - STA 404+00.00 RT
STA 104+25.00 LT - STA 401+20.00 RT
STA 106+00.00 - STA 401+20.00 DIAGONAL STRIPING (5FT SPACING)

LETTER OR SYMBOL, WATERBORN PAINT
STA 107+56.00

CURVE (x)
DELTA = 11°58'52"
D = 05°02'37"
R = 1136.00'
T = 119.21'
L = 237.55'
E = 6.24'

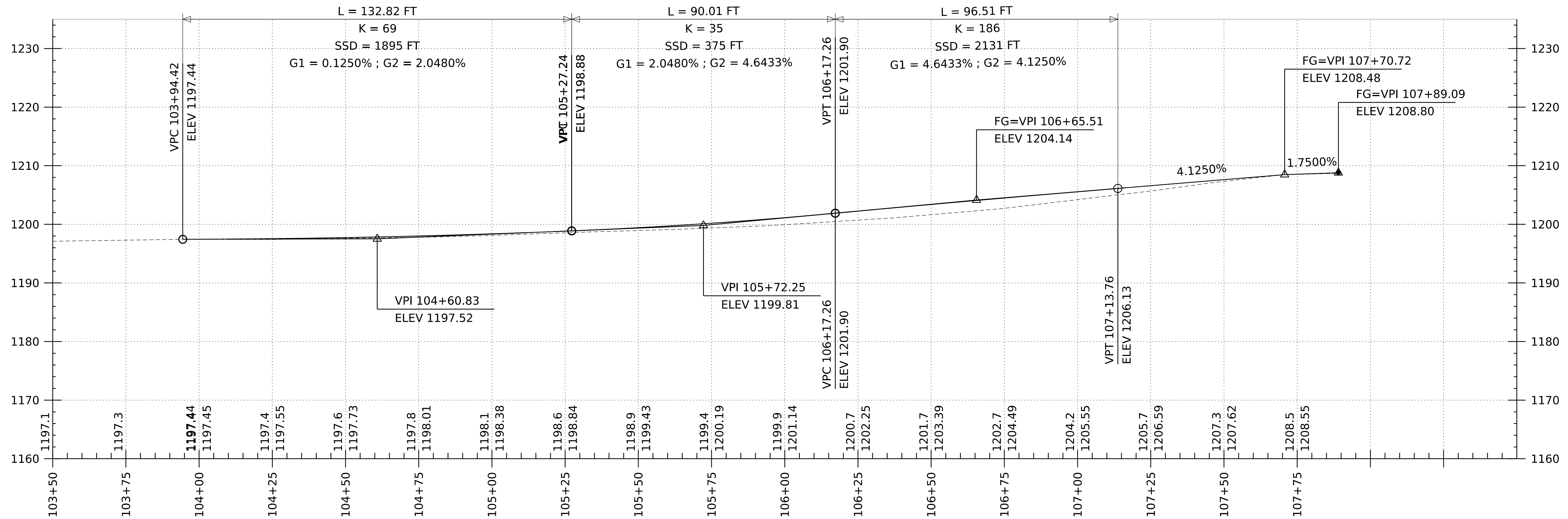
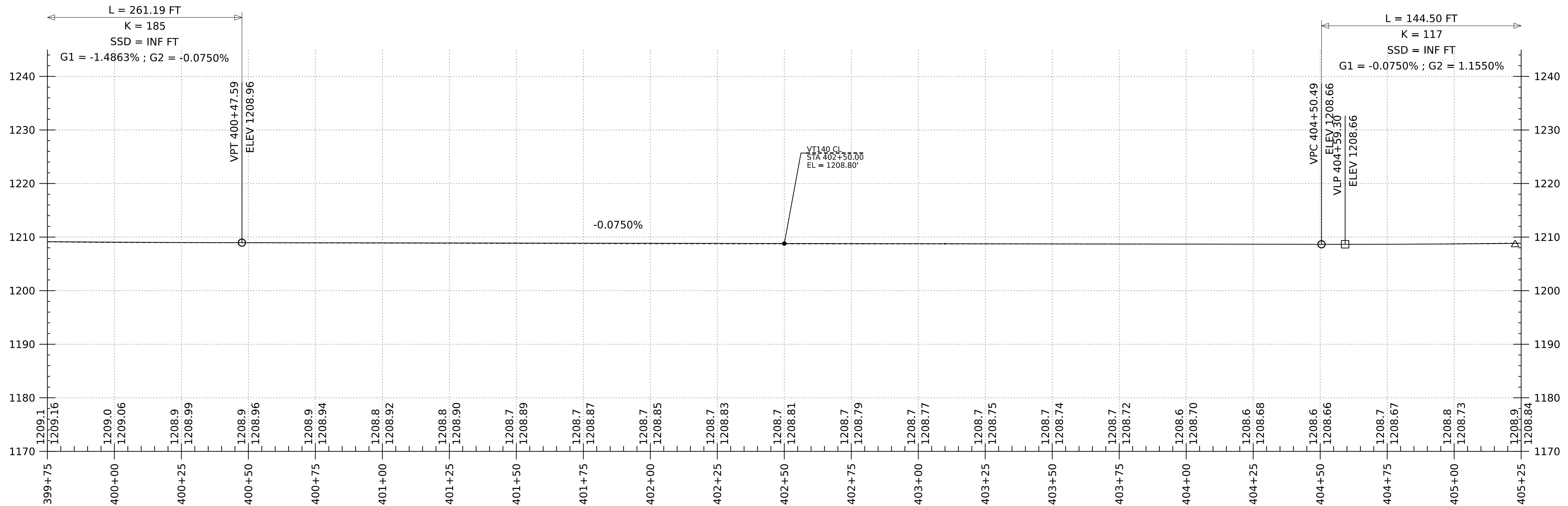
CURVE (x)
DELTA = 64°53'37"
D = 114°35'30"
R = 50.00'
T = 31.79'
L = 56.63'
E = 9.25'

PROJECT NAME: WALLINGFORD
PROJECT NUMBER: BF 0133(18) C/I

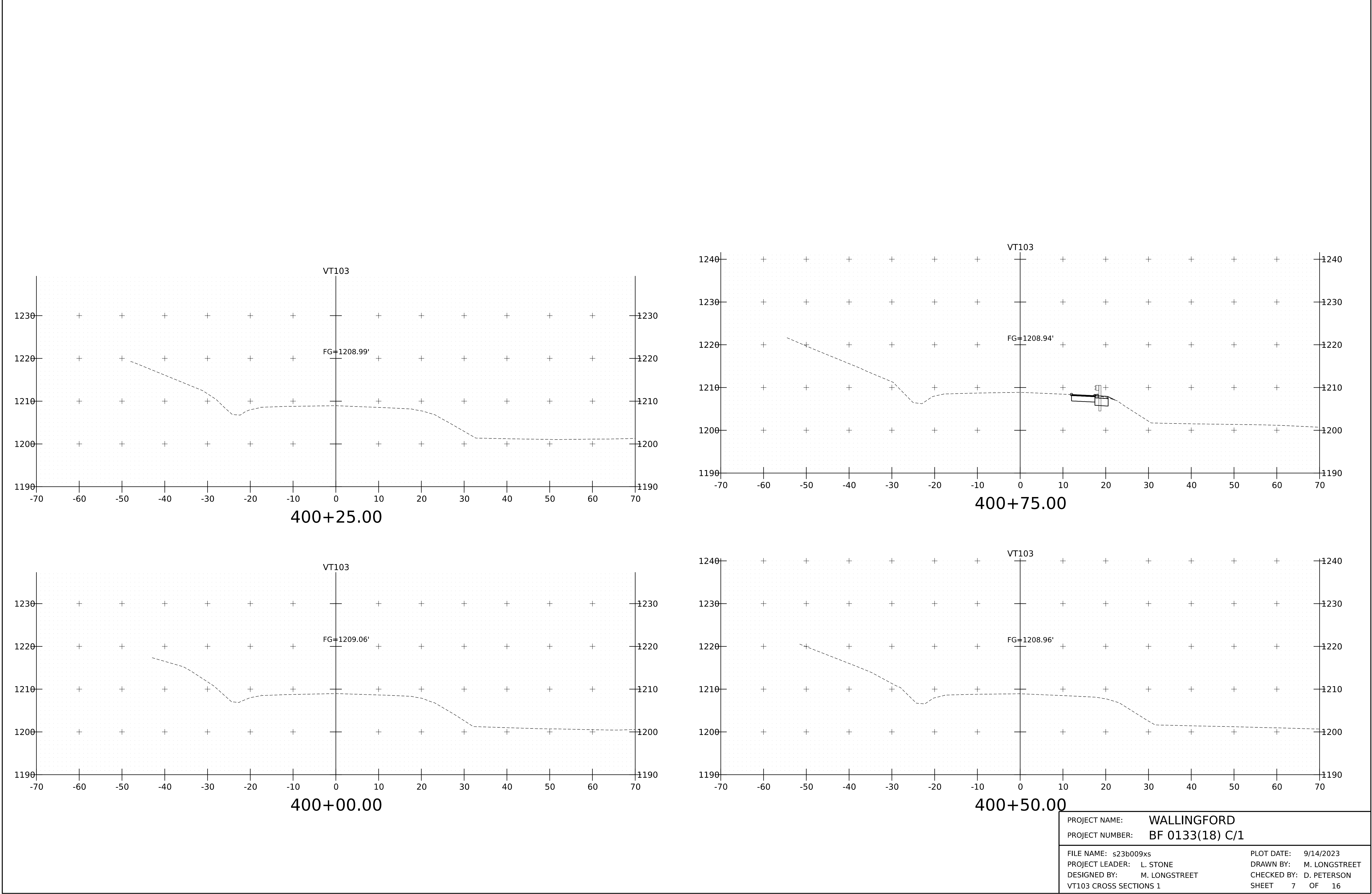
FILE NAME: s23b009bdr.dgn
PROJECT LEADER: L. STONE
DESIGNED BY: M. LONGSTREET
LAYOUT SHEET

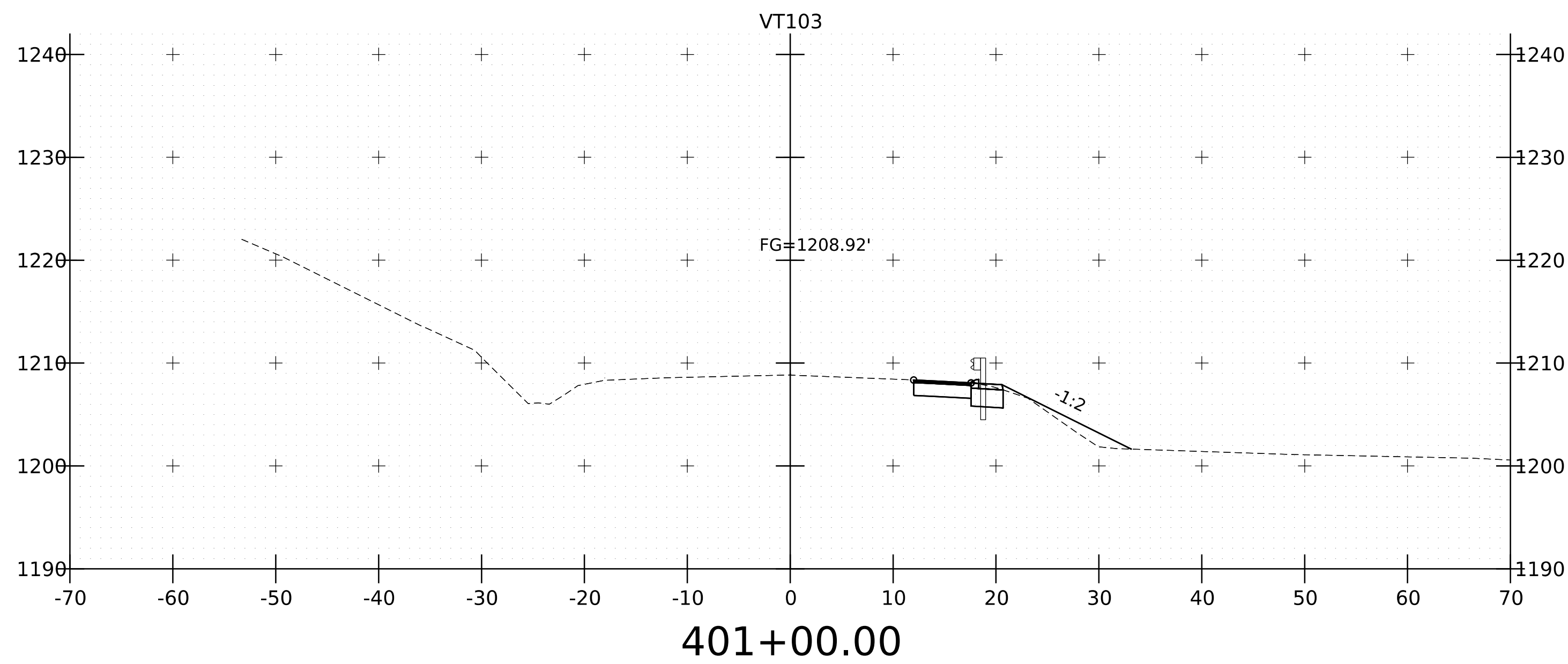
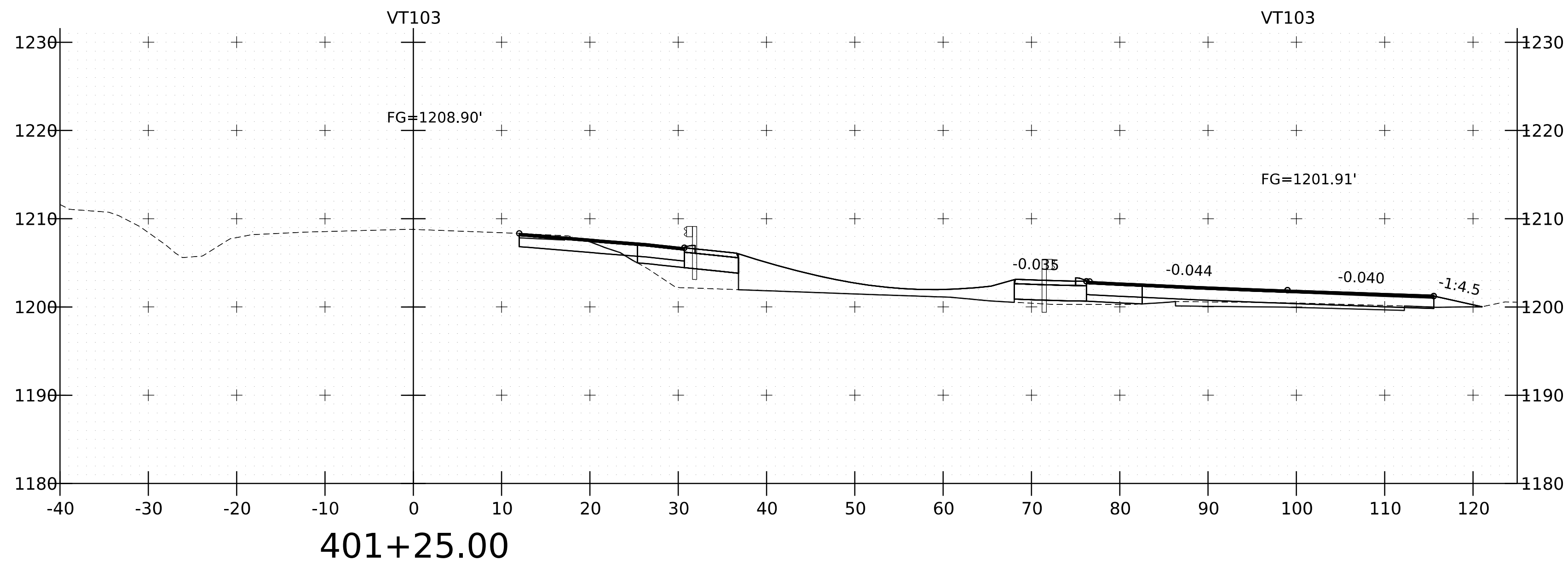
PLOT DATE: 9/14/2023
DRAWN BY: M. LONGSTREET
CHECKED BY: D. PETERSON
SHEET 5 OF 16

20 0 20
SCALE: 1" = 20' - 0"

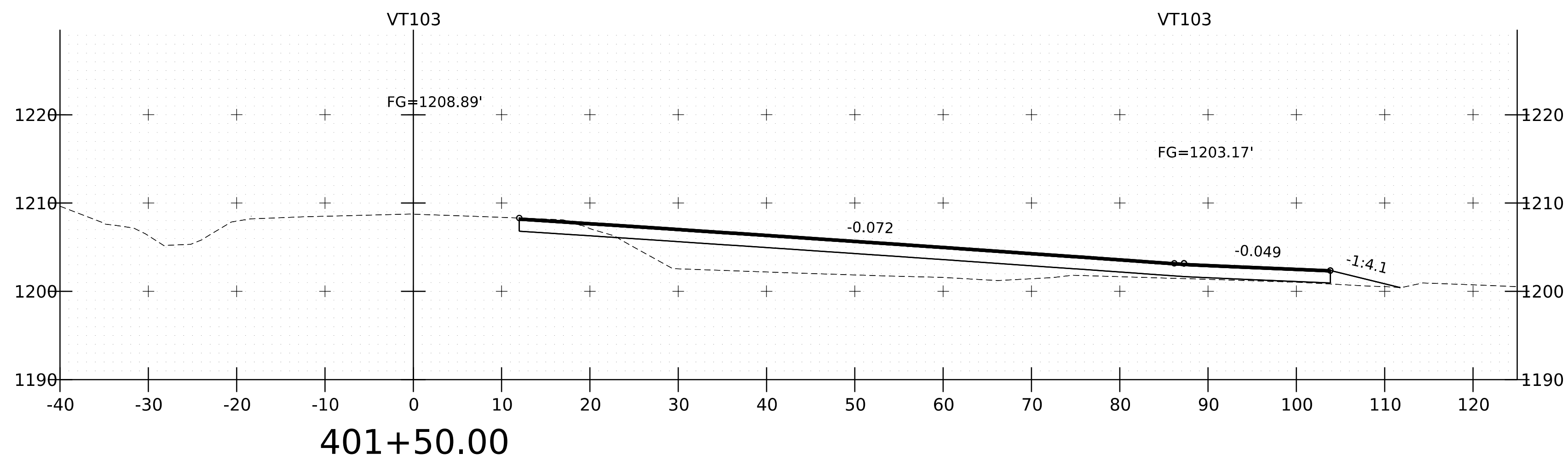
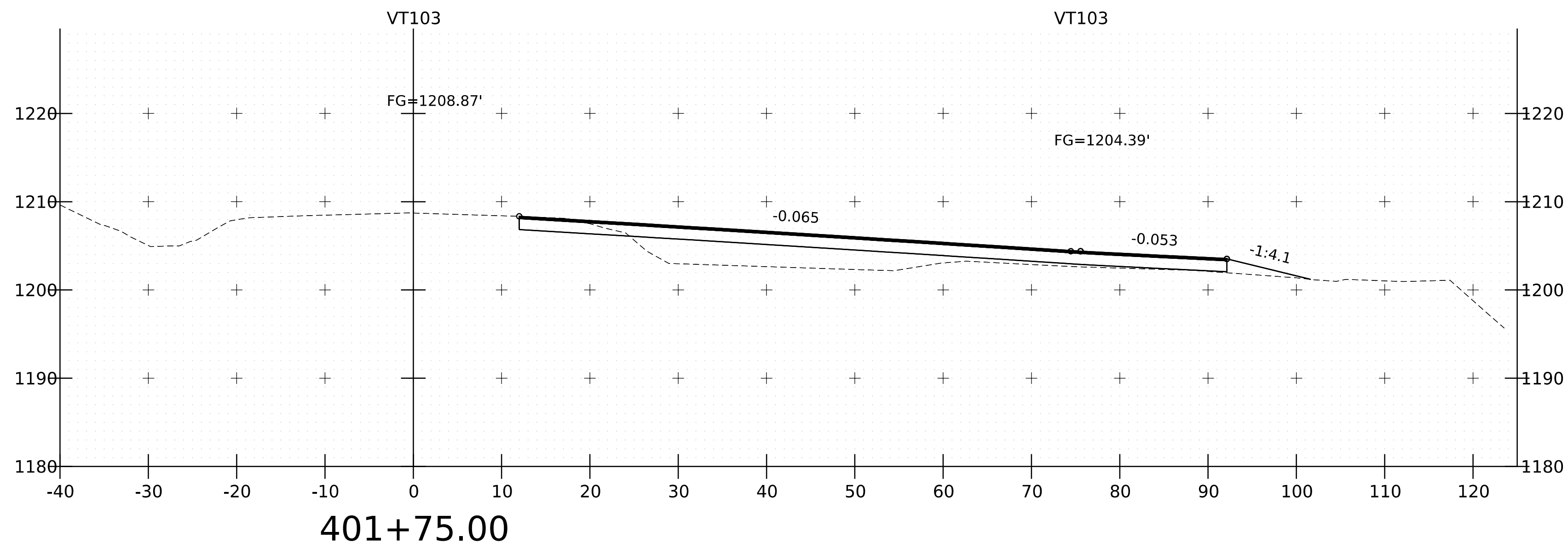


PROJECT NAME: WALLINGFORD	
PROJECT NUMBER: BF 0133(I8) C/I	
FILE NAME: s23b009.VTI03Profile.dgn	PLOT DATE: 9/14/2023
PROJECT LEADER: L. STONE	DRAWN BY: M. LONGSTREET
DESIGNED BY: M. LONGSTREET	CHECKED BY: D. PETERSON
VTI03 & VTI04 PROFILE SHEET	
SHEET 6 OF 16	

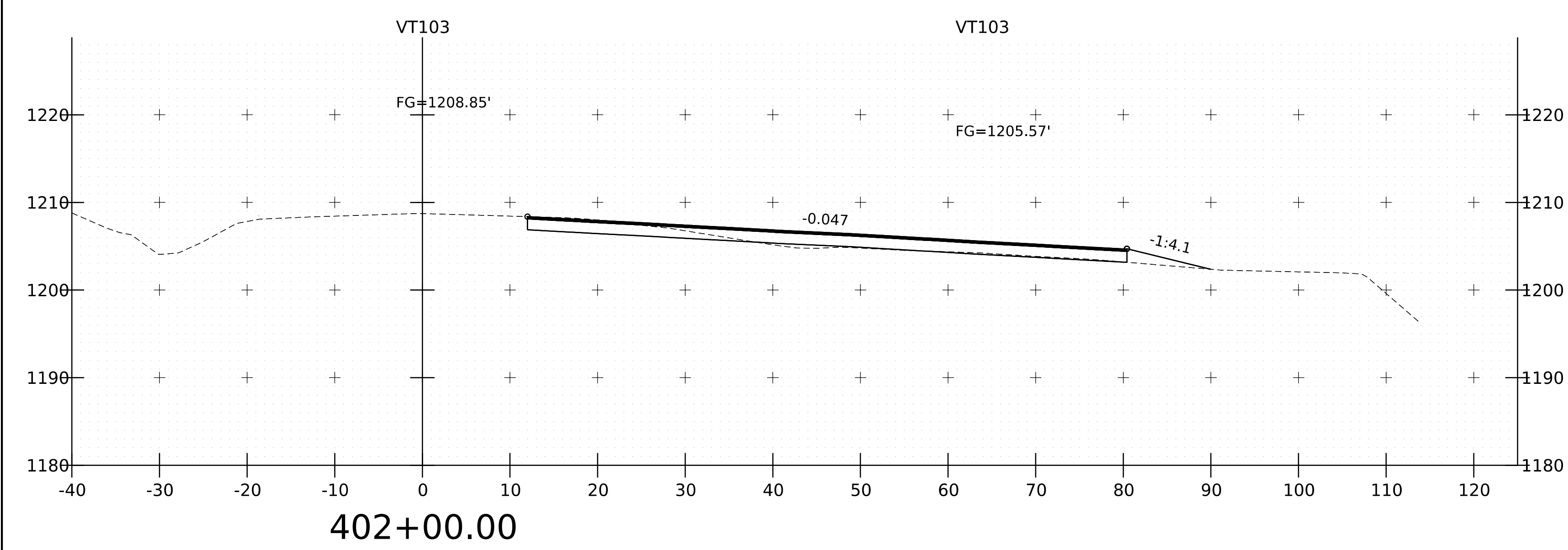
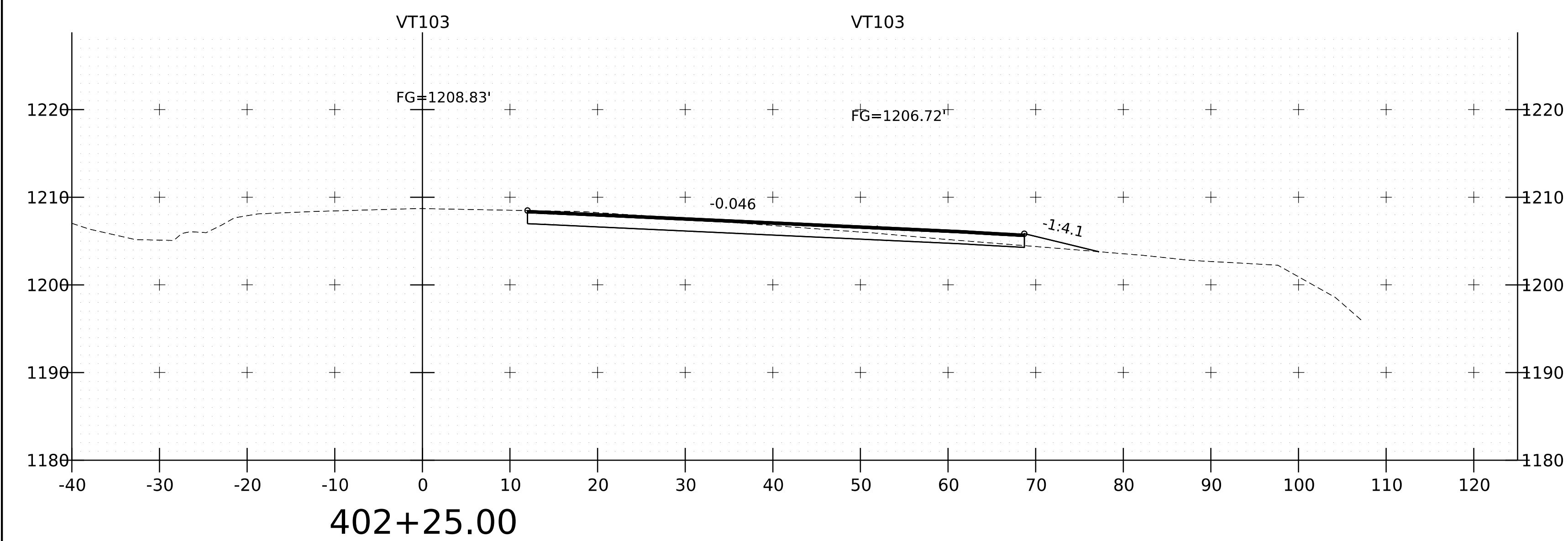




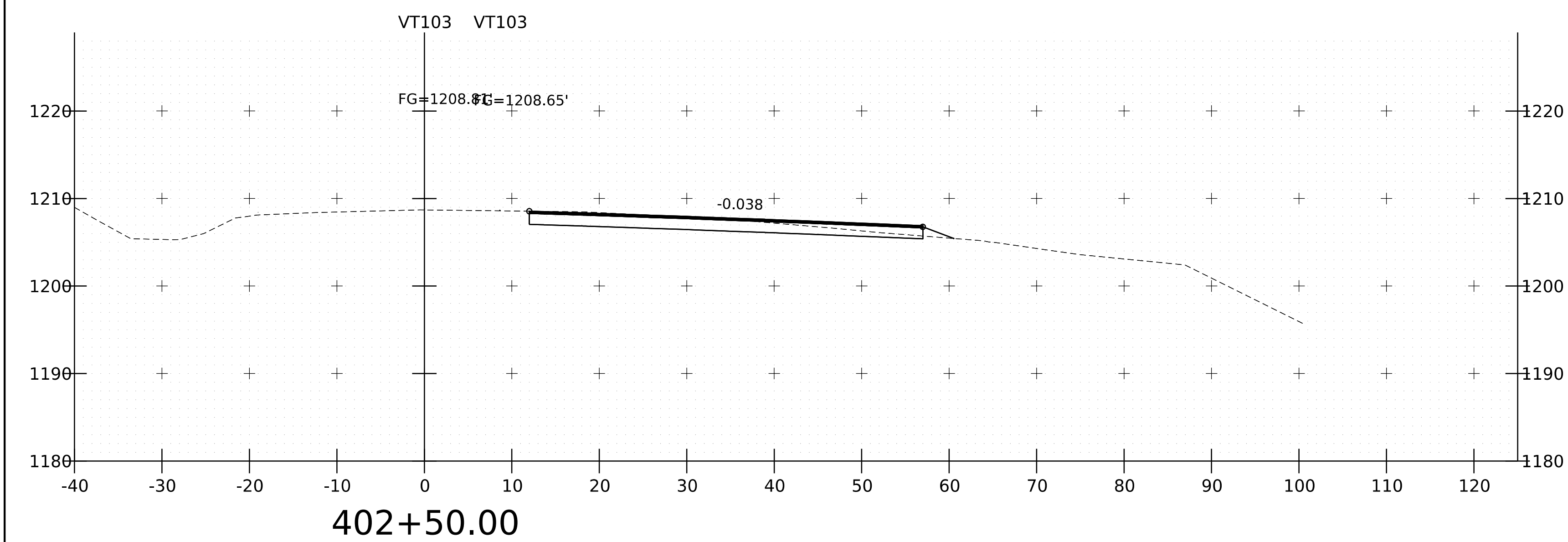
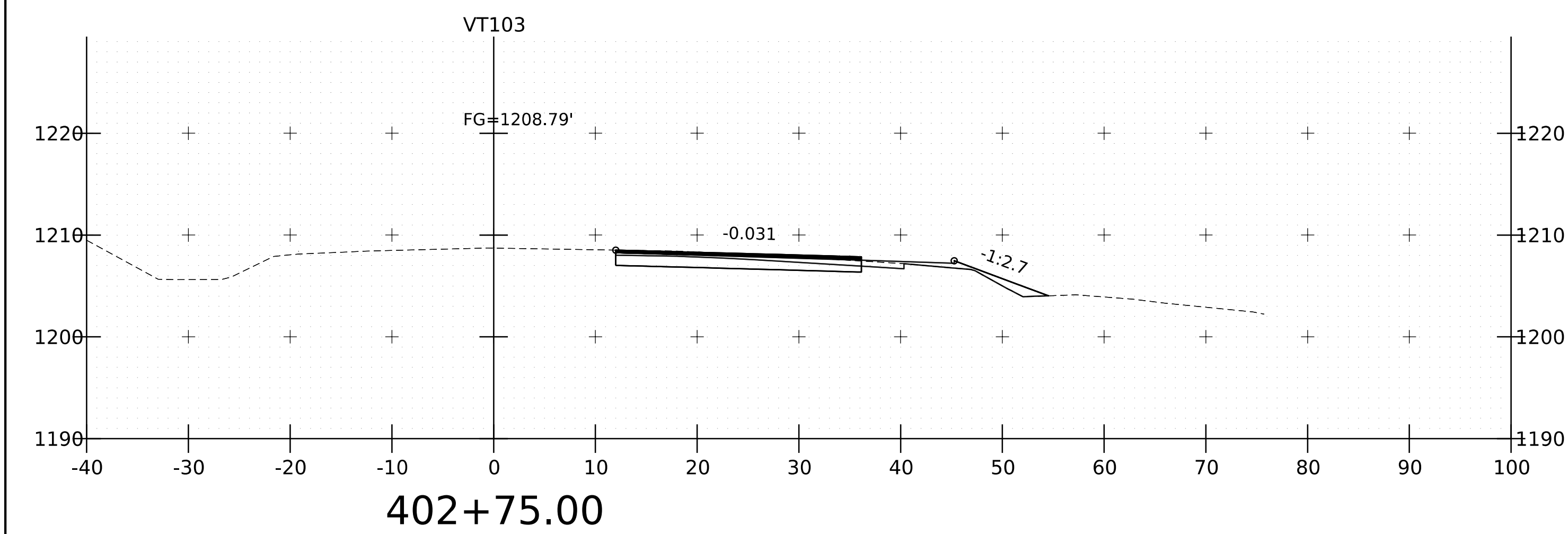
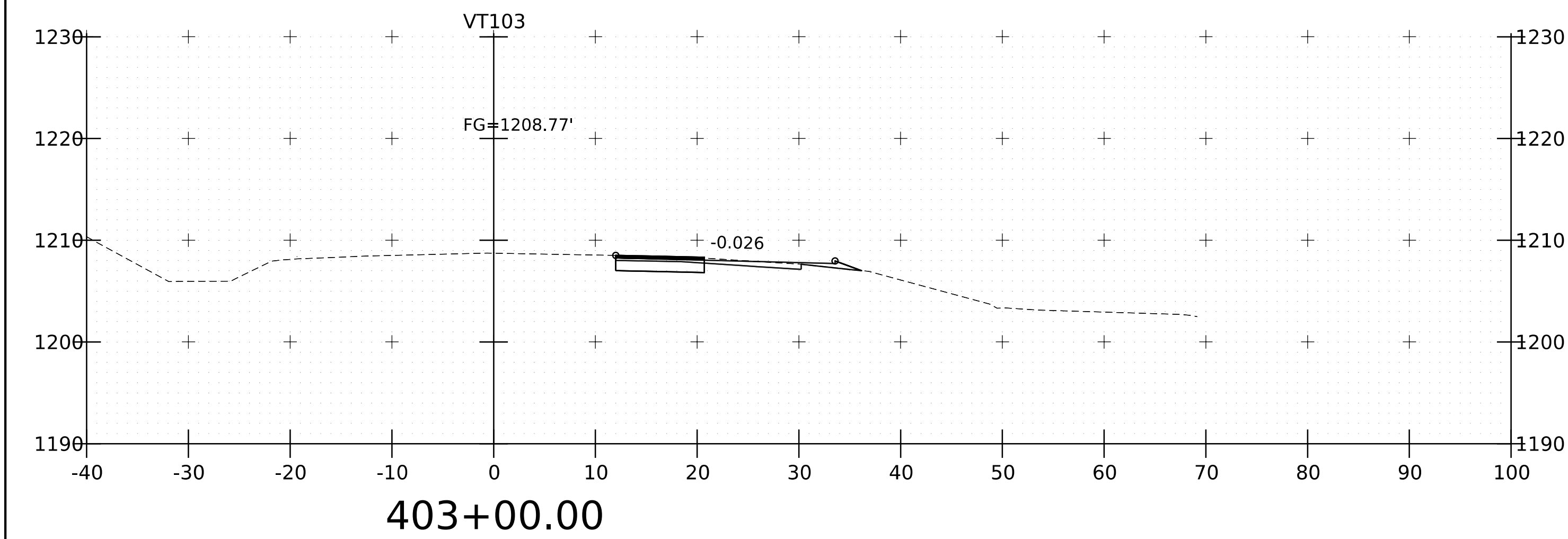
PROJECT NAME:	WALLINGFORD		
PROJECT NUMBER:	BF 0133(18) C/1		
FILE NAME:	s23b009xs	PLOT DATE:	9/14/2023
PROJECT LEADER:	L. STONE	DRAWN BY:	M. LONGSTREET
DESIGNED BY:	M. LONGSTREET	CHECKED BY:	D. PETERSON
VT103 CROSS SECTIONS 2		SHEET	8 OF 16



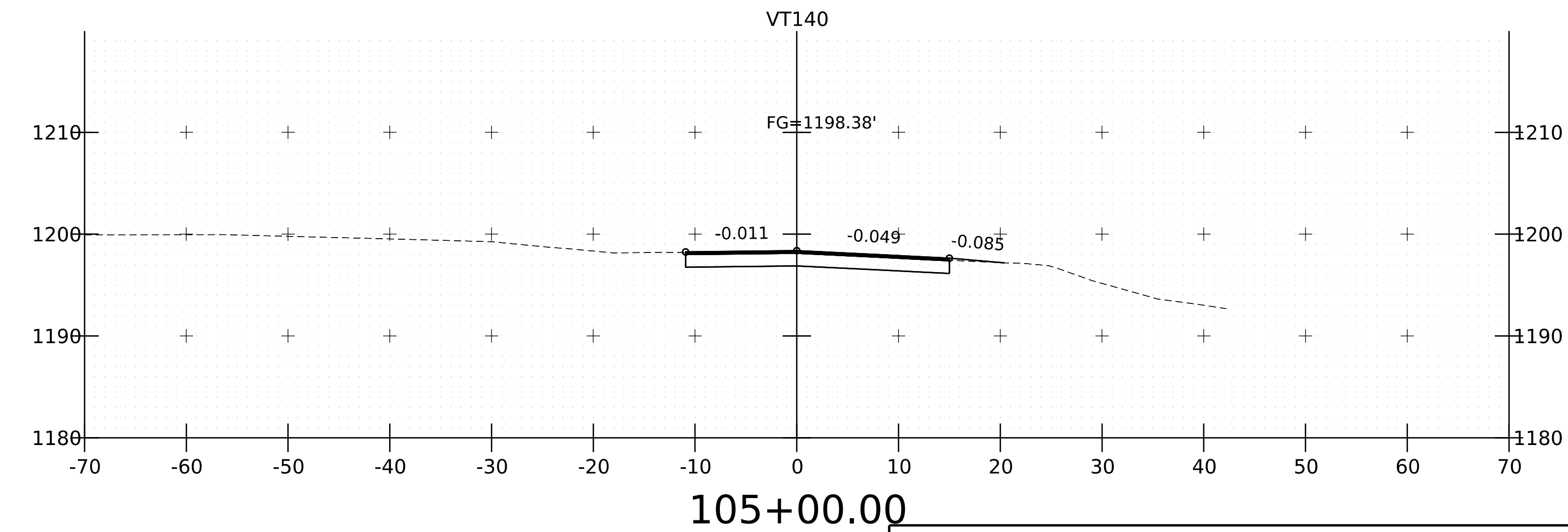
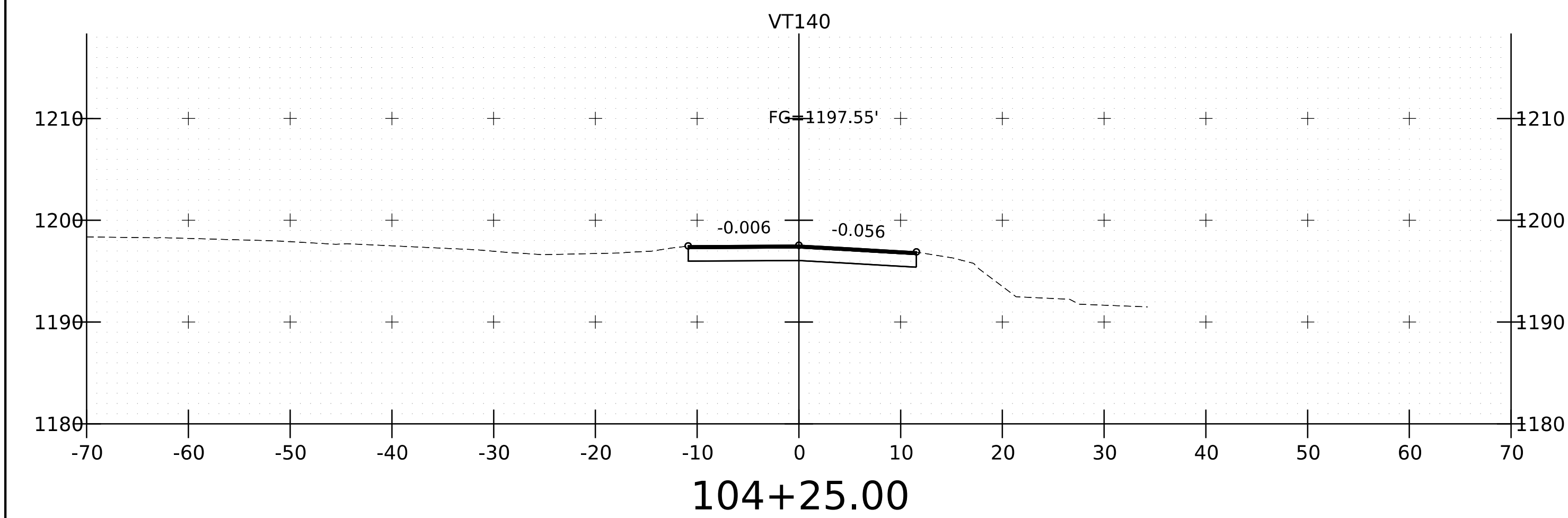
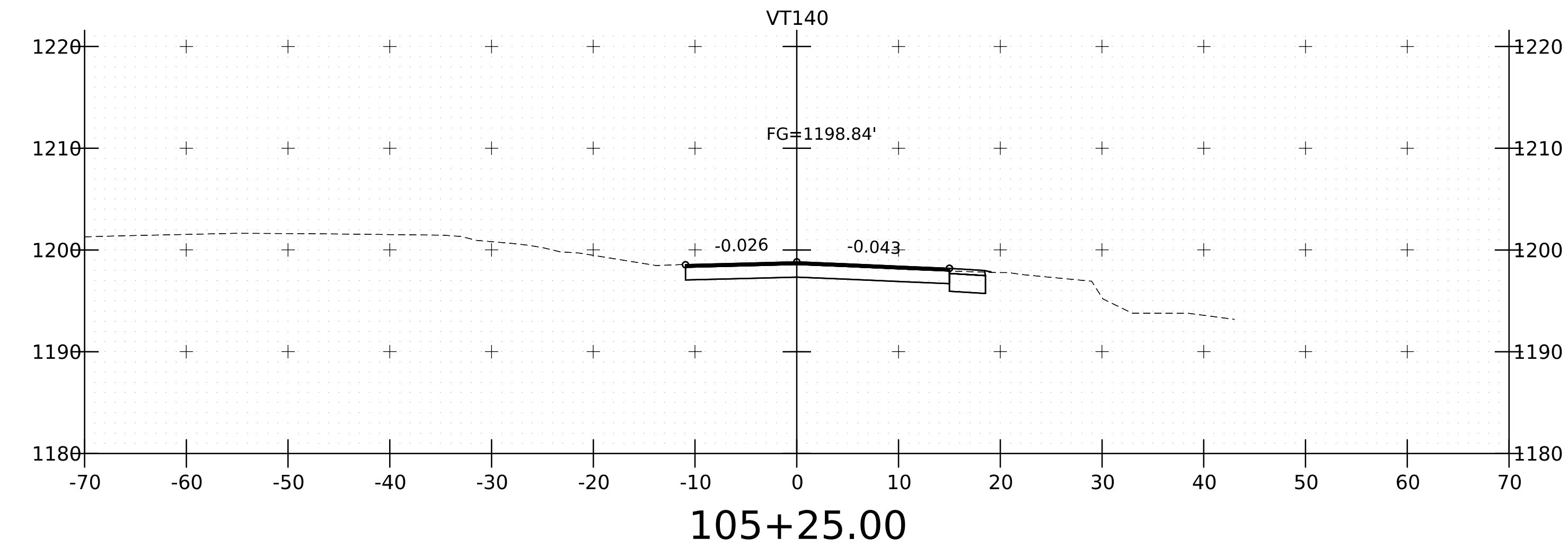
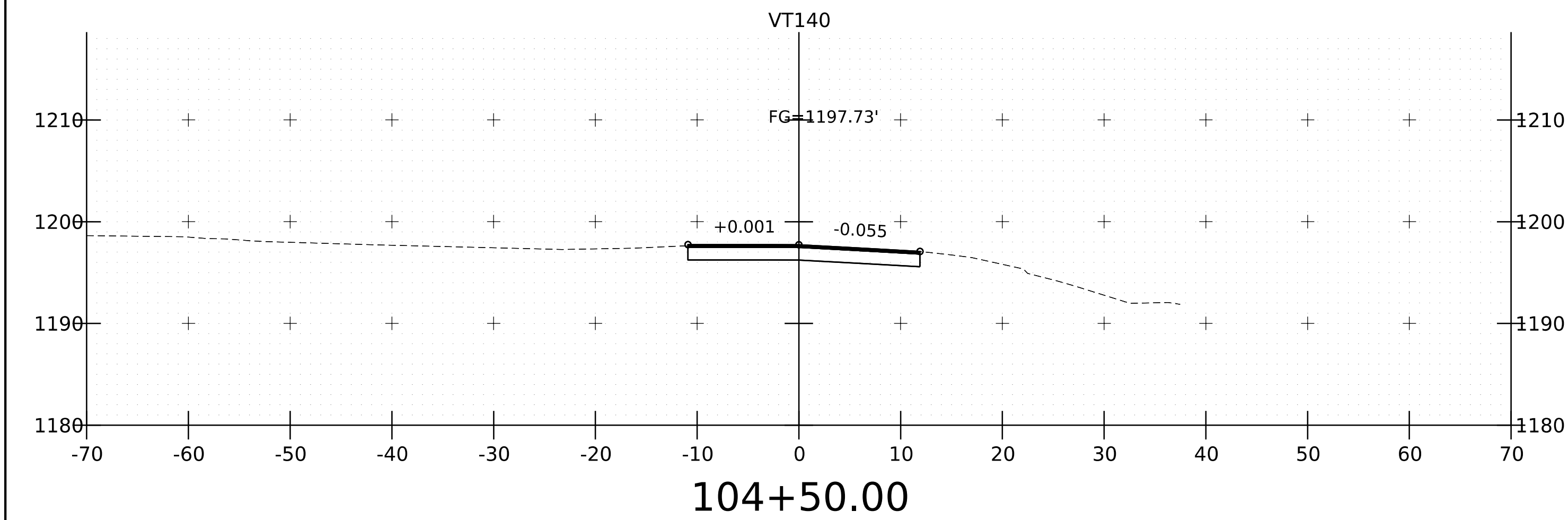
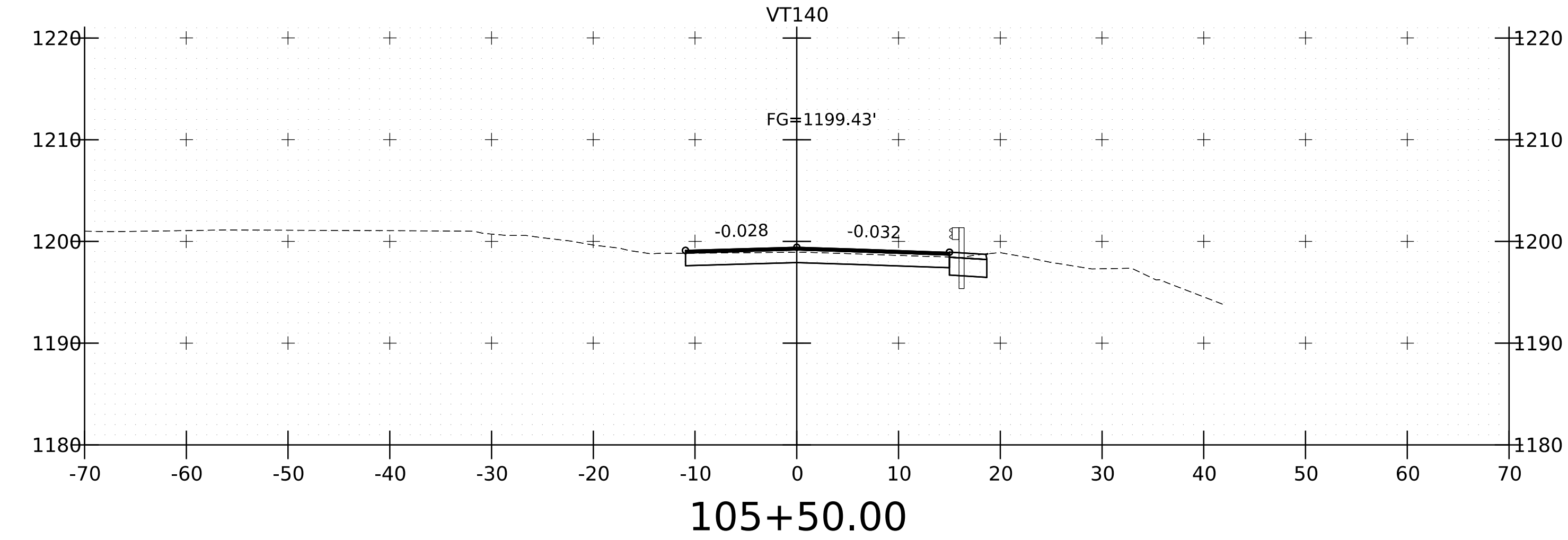
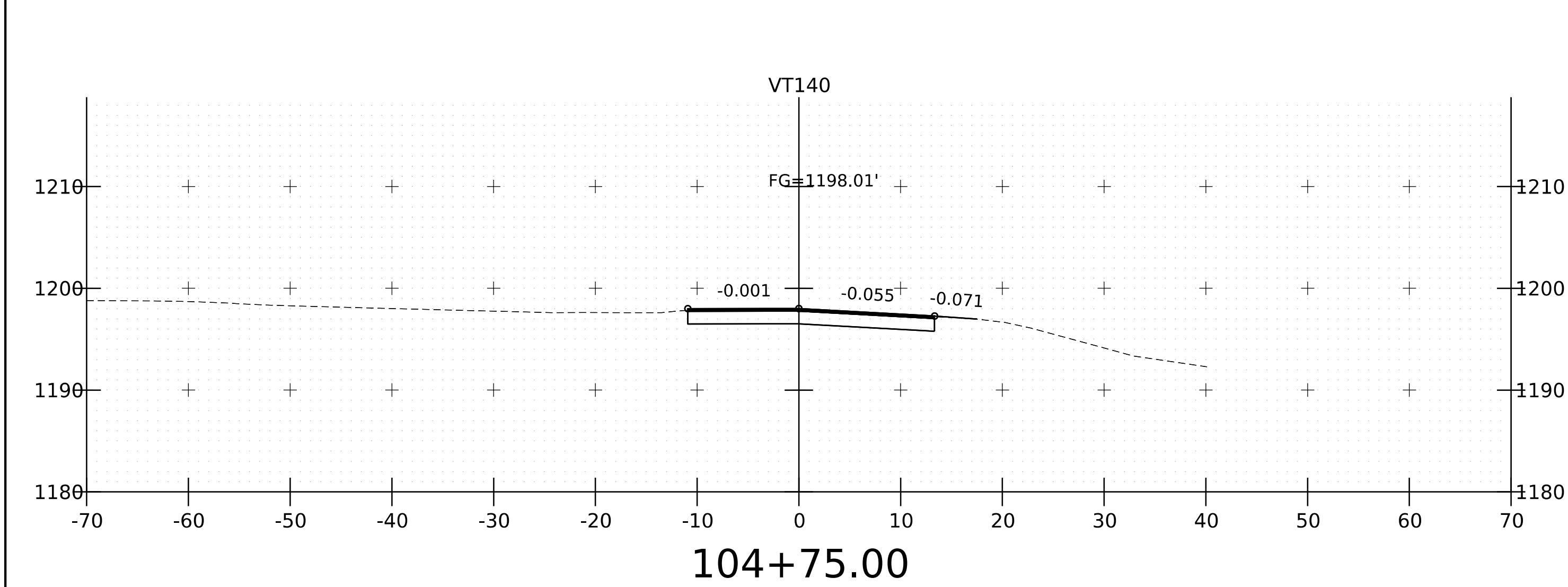
PROJECT NAME:	WALLINGFORD
PROJECT NUMBER:	BF 0133(18) C/1
FILE NAME: s23b009xs	PLOT DATE: 9/14/2023
PROJECT LEADER: L. STONE	DRAWN BY: M. LONGSTREET
DESIGNED BY: M. LONGSTREET	CHECKED BY: D. PETERSON
VT103 CROSS SECTIONS 3	SHEET 9 OF 16



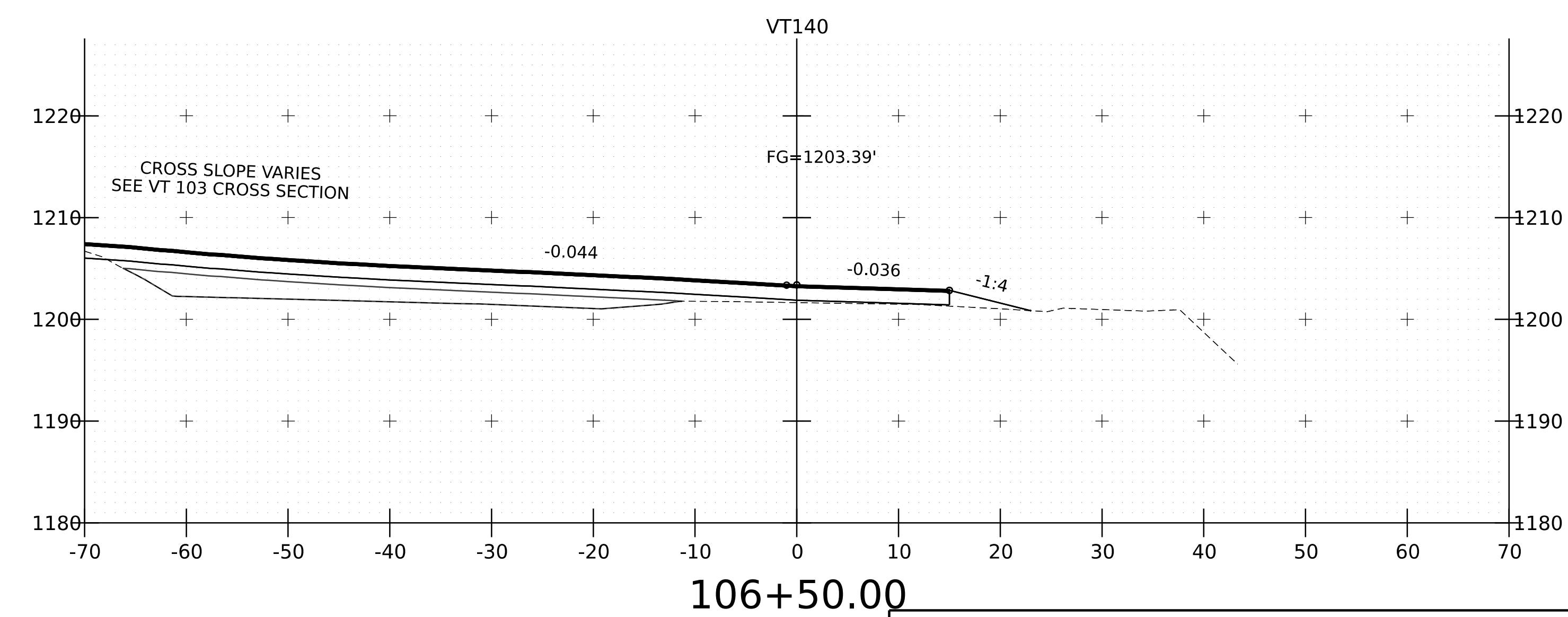
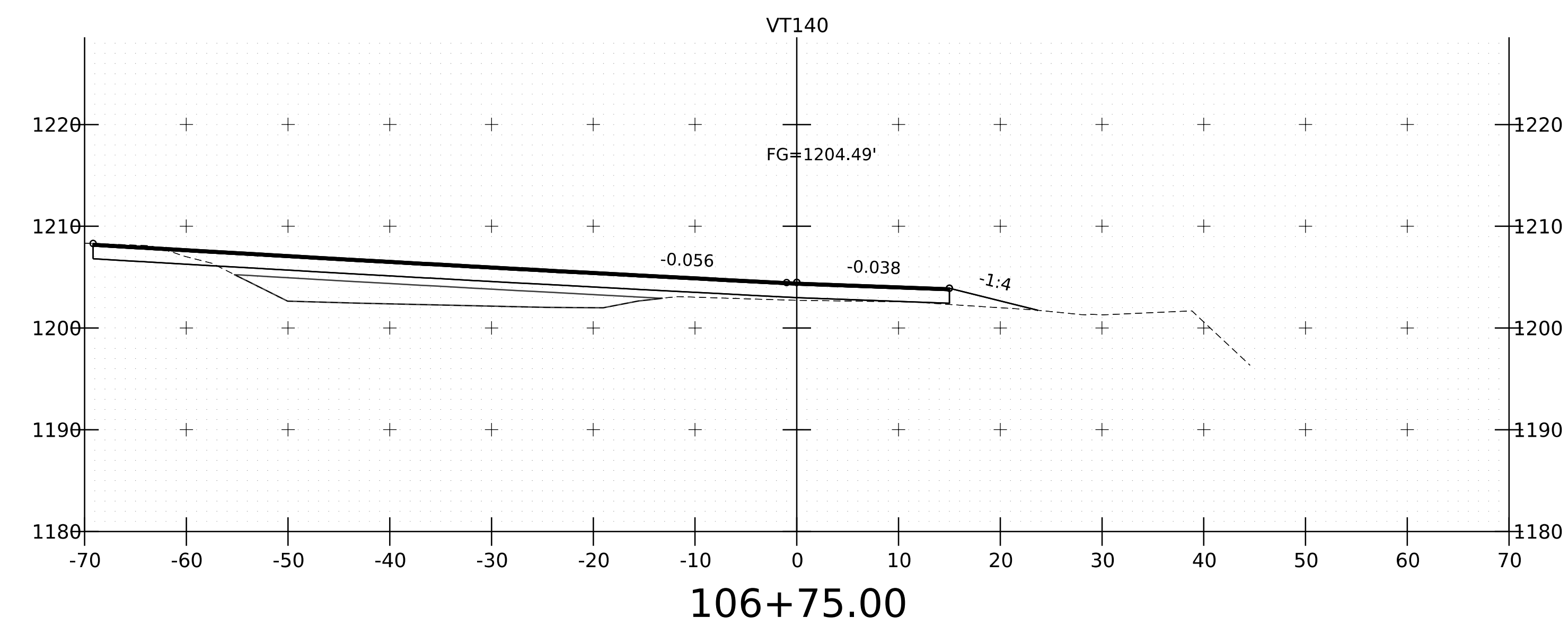
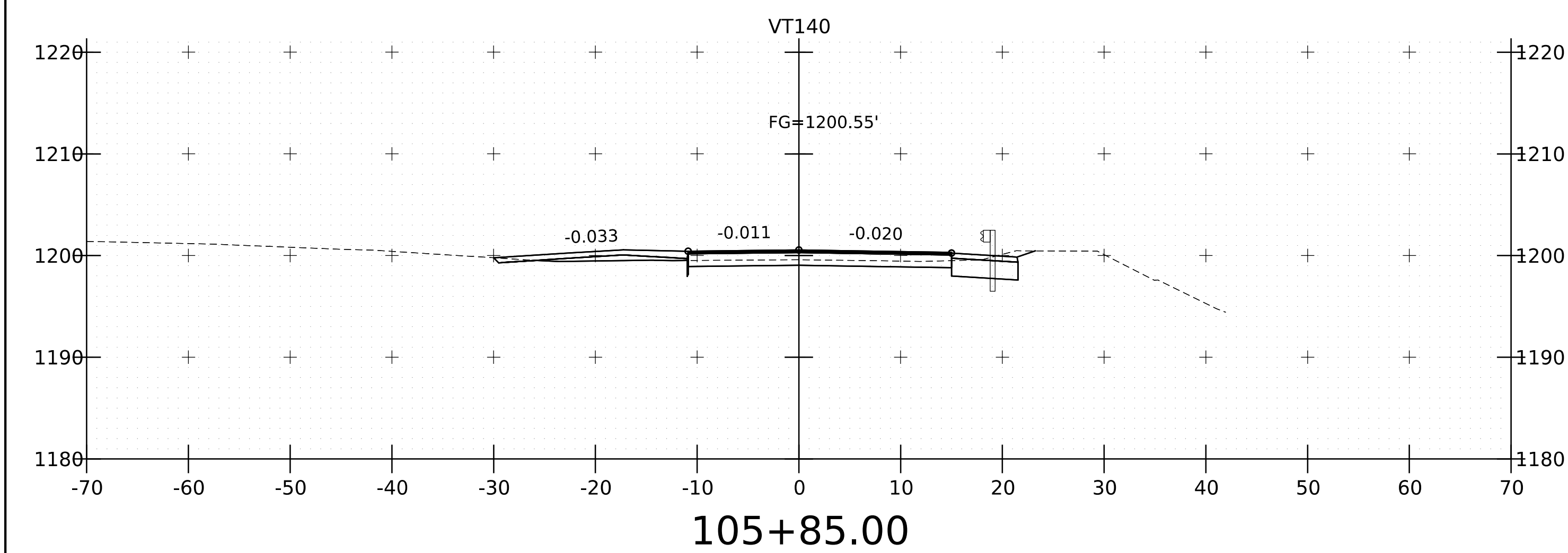
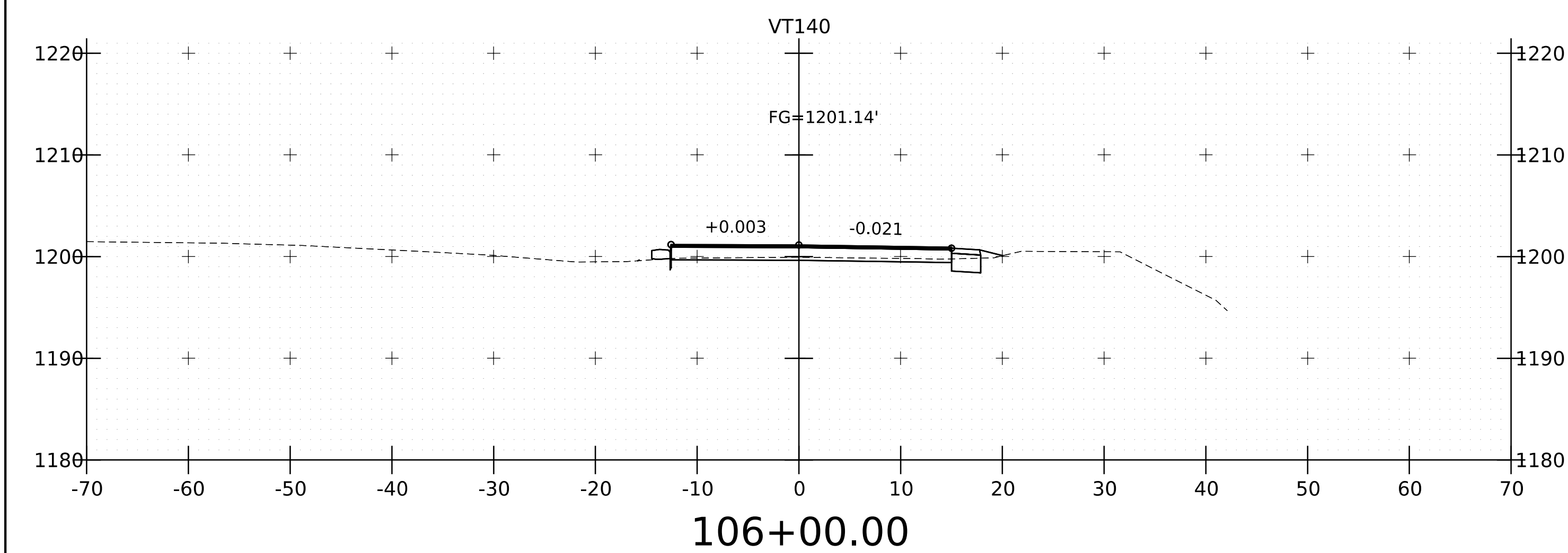
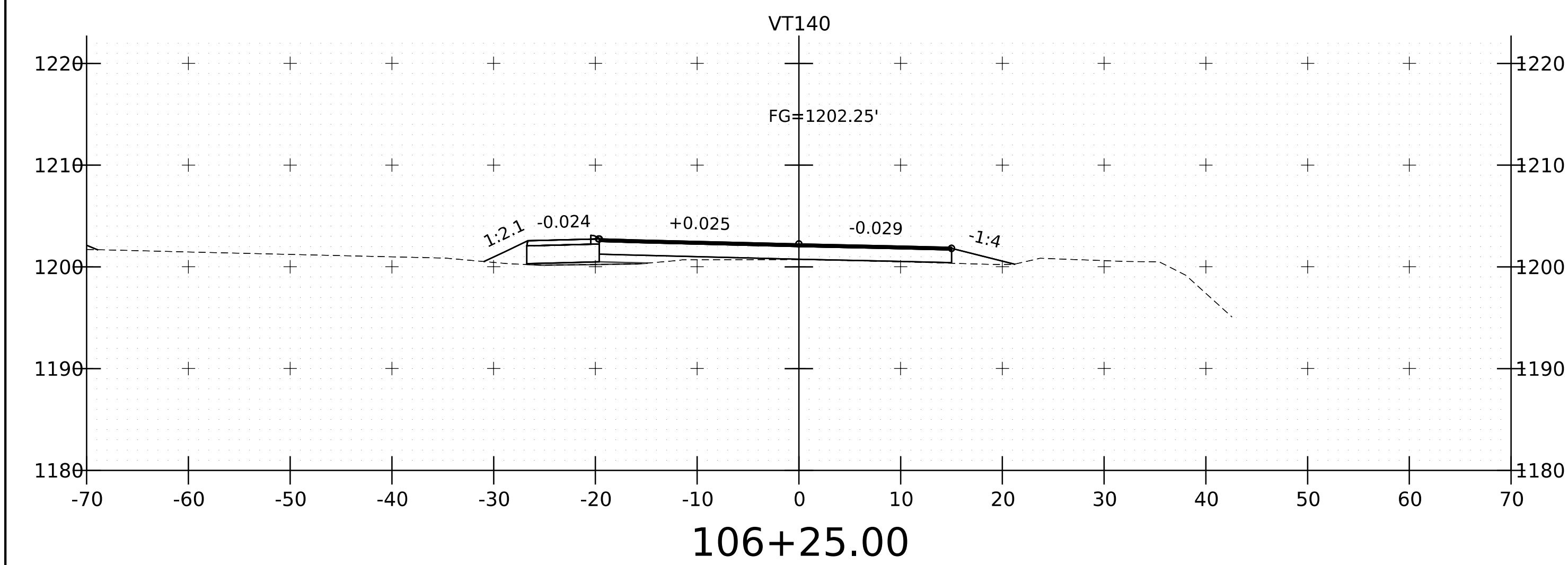
PROJECT NAME:	WALLINGFORD
PROJECT NUMBER:	BF 0133(18) C/1
FILE NAME: s23b009xs	PLOT DATE: 9/14/2023
PROJECT LEADER: L. STONE	DRAWN BY: M. LONGSTREET
DESIGNED BY: M. LONGSTREET	CHECKED BY: D. PETERSON
VT103 CROSS SECTIONS 4	SHEET 10 OF 16



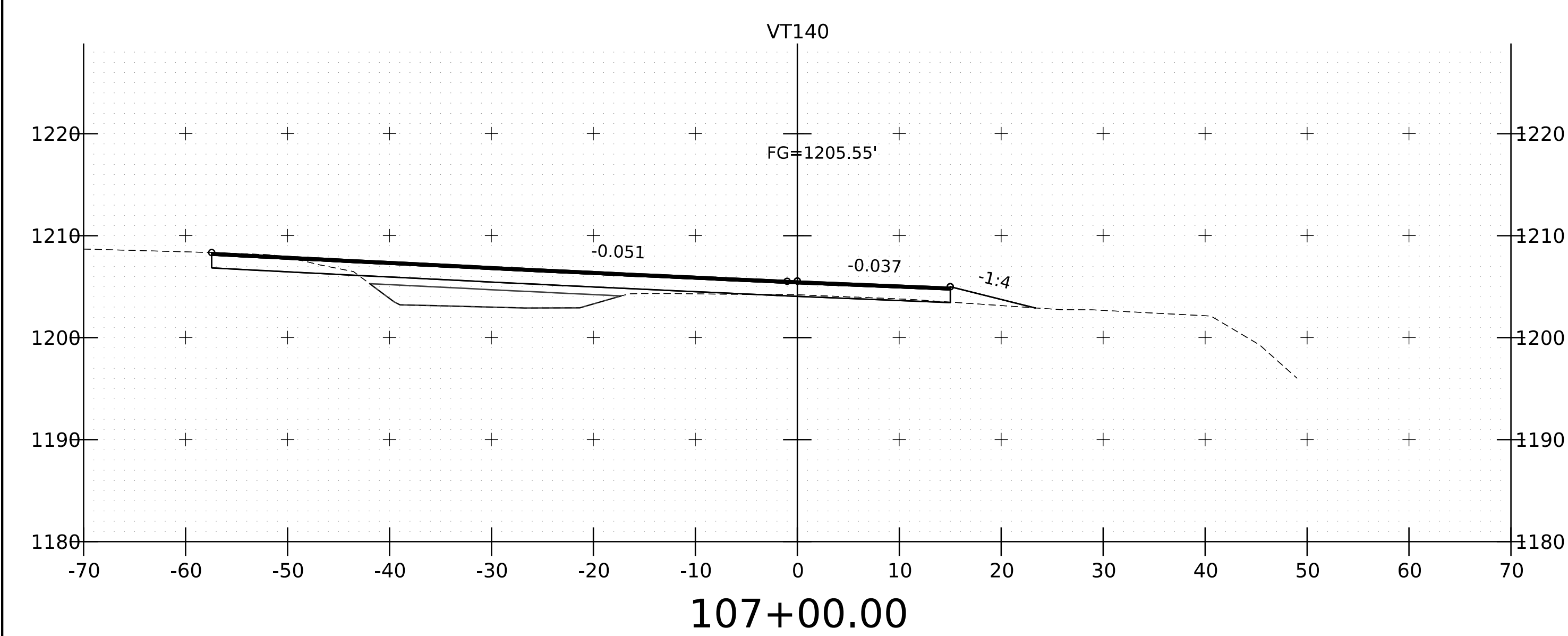
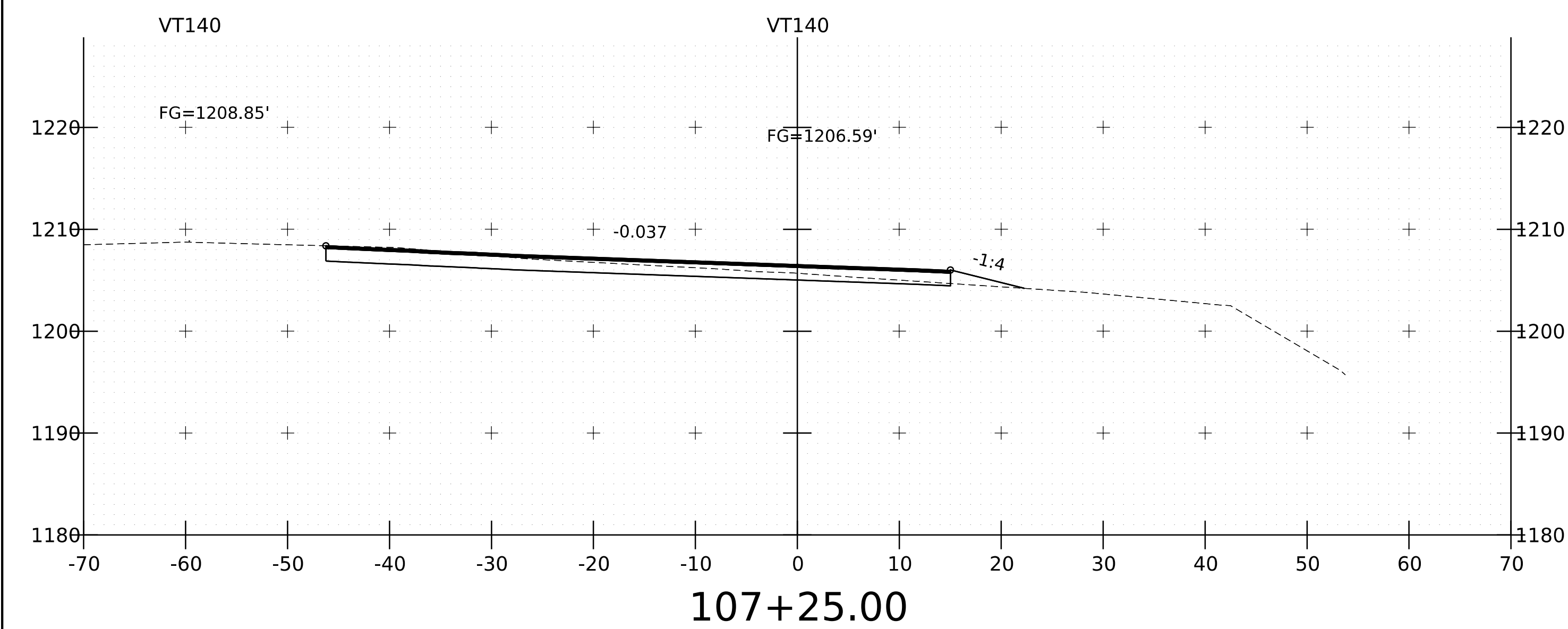
PROJECT NAME:	WALLINGFORD
PROJECT NUMBER:	BF 0133(18) C/1
FILE NAME: s23b009xs	PLOT DATE: 9/14/2023
PROJECT LEADER: L. STONE	DRAWN BY: M. LONGSTREET
DESIGNED BY: M. LONGSTREET	CHECKED BY: D. PETERSON
VT103 CROSS SECTIONS 5	SHEET 11 OF 16



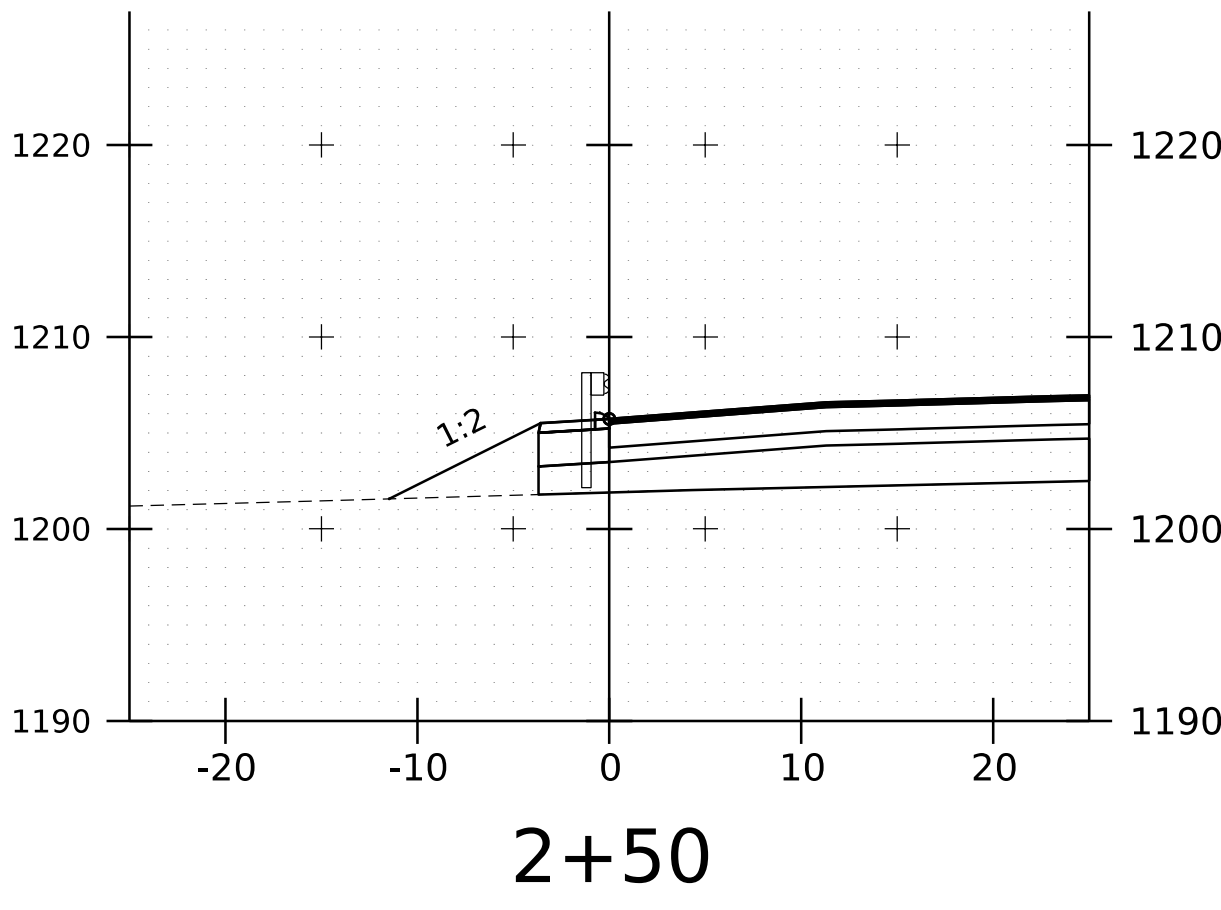
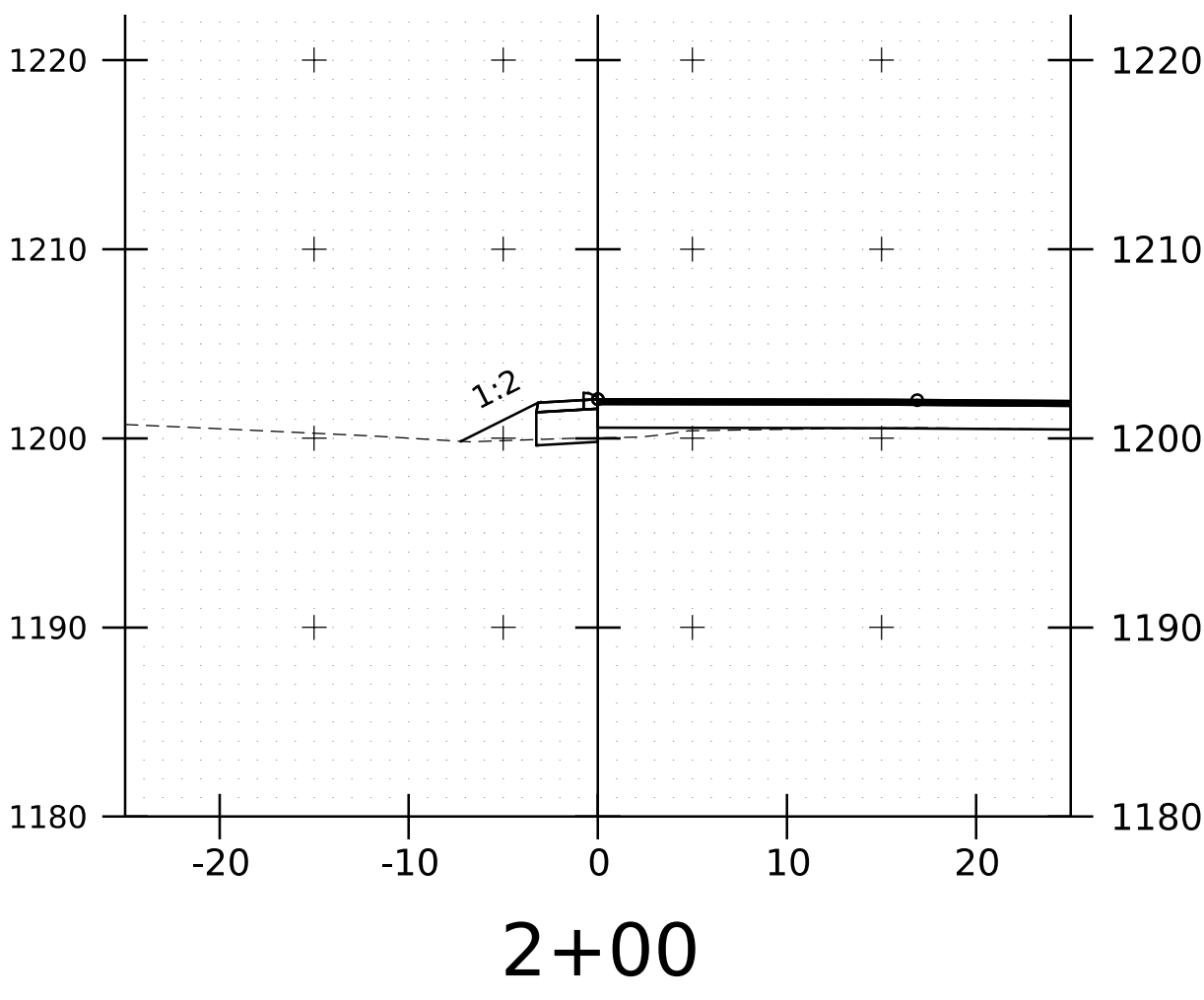
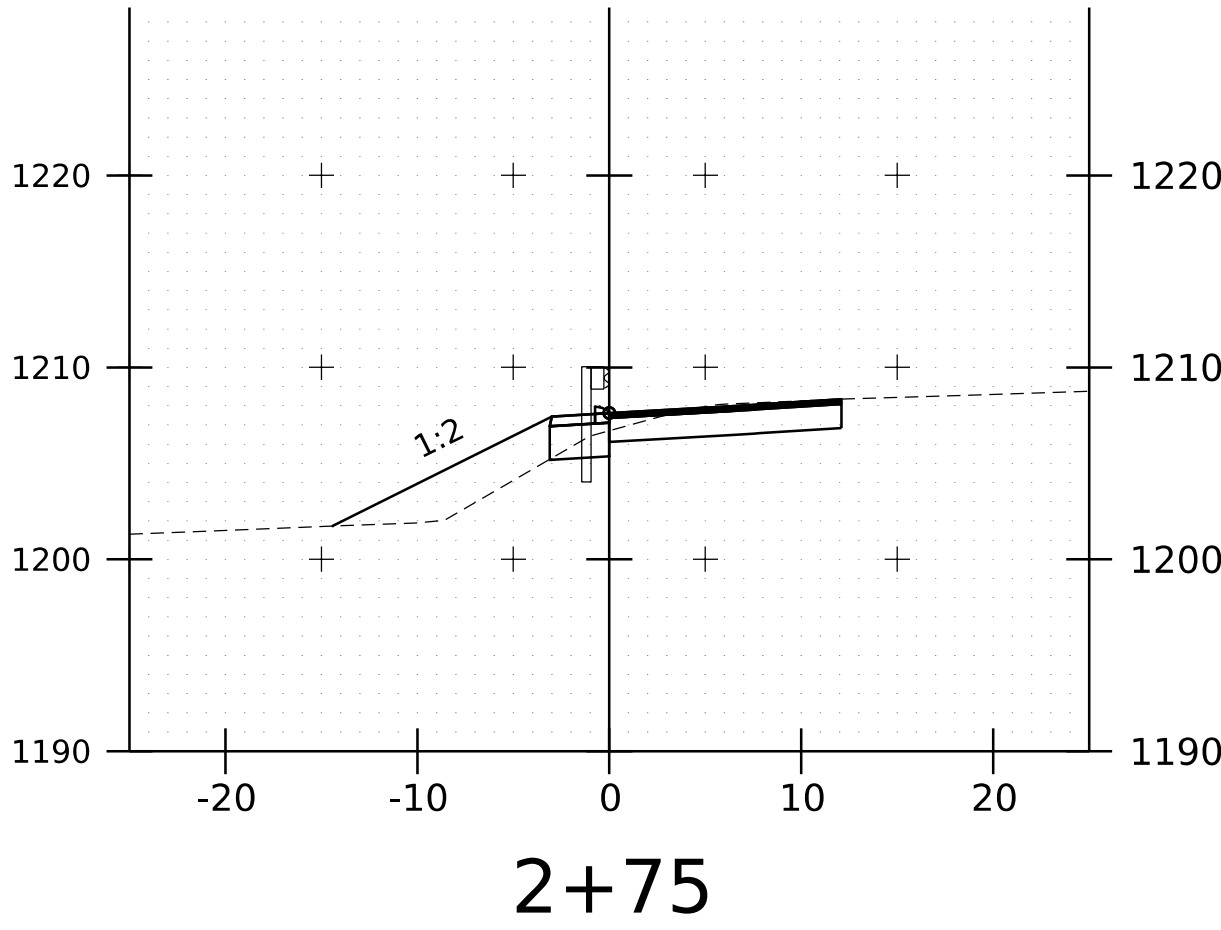
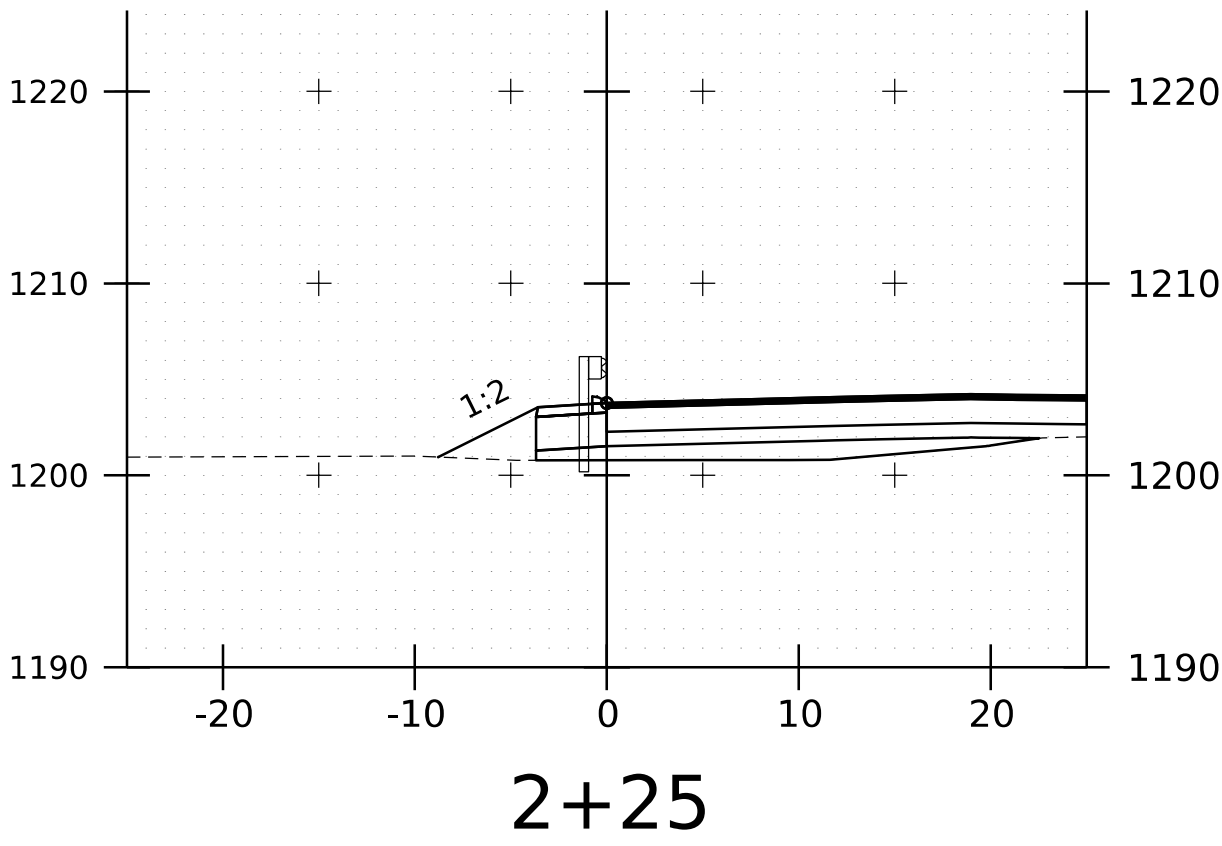
PROJECT NAME:	WALLINGFORD	
PROJECT NUMBER:	BF 0133(18) C/1	
FILE NAME:	s23b009xsVT140	PLOT DATE: 9/14/2023
PROJECT LEADER:	D. PETERSON	DRAWN BY: M. LONGSTREET
DESIGNED BY:	M. LONGSTREET	CHECKED BY: D. PETERSON
VT140 CROSS SECTIONS 1		SHEET 12 OF 16



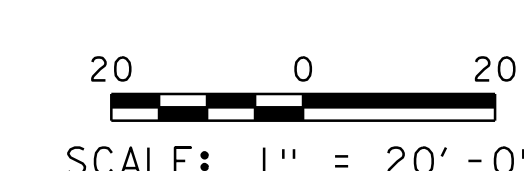
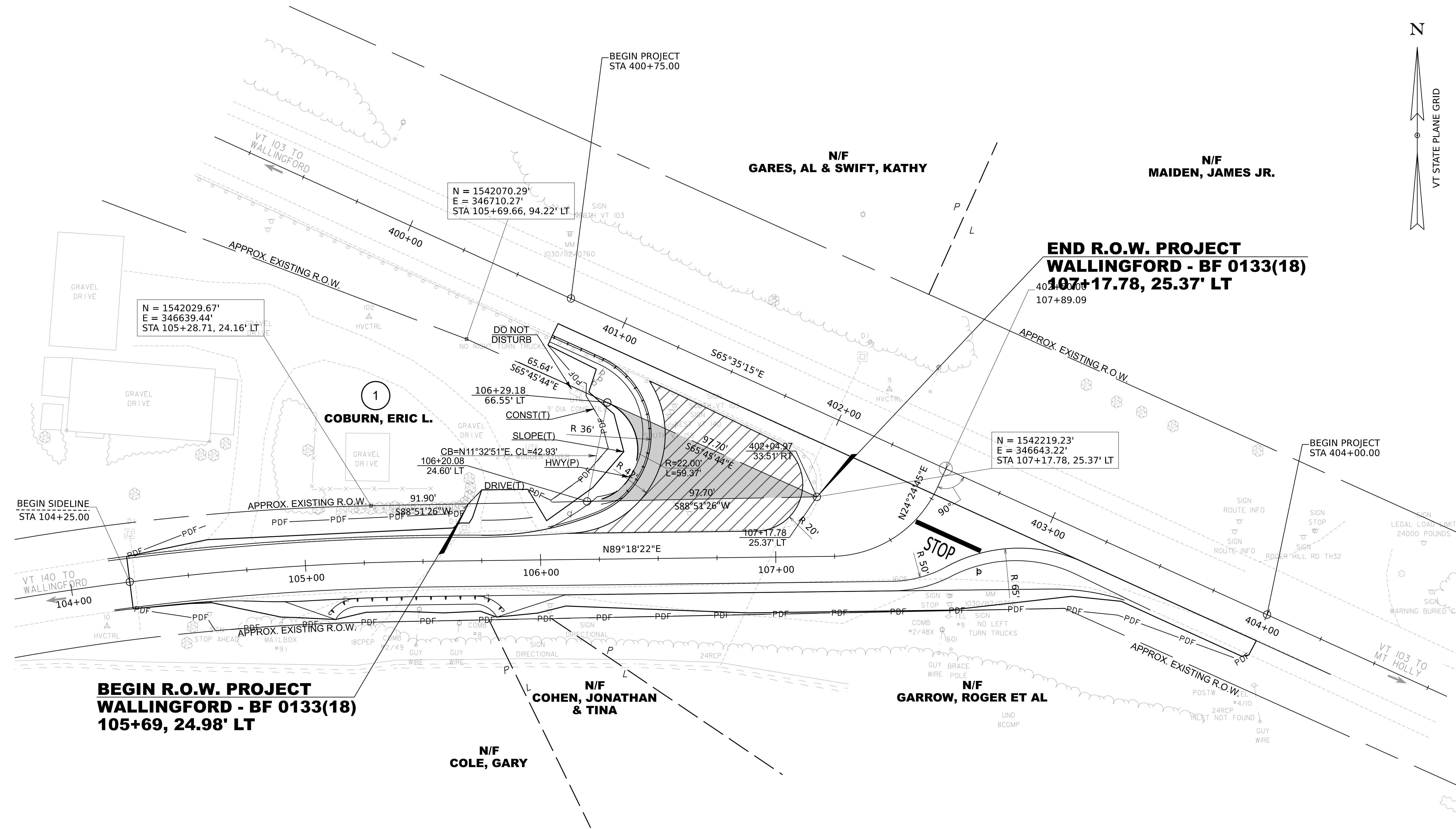
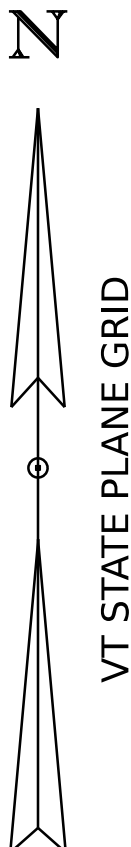
PROJECT NAME:	WALLINGFORD
PROJECT NUMBER:	BF 0133(18) C/1
FILE NAME:	s23b009xsVT140
PROJECT LEADER:	D. PETERSON
DESIGNED BY:	M. LONGSTREET
VT140 CROSS SECTIONS 2	
PLOT DATE:	9/14/2023
DRAWN BY:	M. LONGSTREET
CHECKED BY:	D. PETERSON
SHEET	13 OF 16



PROJECT NAME:	WALLINGFORD		
PROJECT NUMBER:	BF 0133(18) C/1		
FILE NAME:	s23b009xsVT140	PLOT DATE:	9/14/2023
PROJECT LEADER:	D. PETERSON	DRAWN BY:	M. LONGSTREET
DESIGNED BY:	M. LONGSTREET	CHECKED BY:	D. PETERSON
VT140 CROSS SECTIONS 3		SHEET	14 OF 16



PROJECT NAME: WALLINGFORD	
PROJECT NUMBER: BF 0133(18) C/1	
FILE NAME: s23b009xs	PLOT DATE: 9/14/2023
PROJECT LEADER: L. STONE	DRAWN BY: M. LONGSTREET
DESIGNED BY: M. LONGSTREET	CHECKED BY: D. PETERSON
VT103xVT140 EOP CROSS SECTIONS 1	SHEET 15 OF 16



PROJECT NAME: WALLINGFORD	
PROJECT NUMBER: BF 0133(18)	
FILE NAME: s23b009bdr.dgn	PLOT DATE: 9/14/2023
PROJECT LEADER: L. STONE	DRAWN BY: M. LONGSTREET
DESIGNED BY: M. LONGSTREET	CHECKED BY: D. PETERSON
PROPERTY OWNER SHEET	SHEET 16 OF 16