

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



NEWBURGH PENOBSCOT COUNTY KENNEBEC ROAD STATE PROJECT NO. 017119.00 PROJECT LENGTH: 0.24 MILES

PLAN LEGEND

Town, County, State	Centerline-Existing	Centerline-Proposed
Property Lines	Travelway-Existing	Travelway-Proposed
R/W Lines-Existing	Railroad	Catch Basins
R/W Lines-Proposed	Culvert-Existing	Manholes
Culvert-Proposed	Existing	Proposed
Curbing	Existing	Proposed
Type 1	Proposed Underdrain	Proposed Ditch
Type 3	Existing Ditch	Utility Poles
Type 5	Proposed	Existing
Outline of Bodies of Water	Fire Hydrants	Existing
Ledge	Existing Water Line	Proposed
Buildings	Existing San. Sewer	Existing San. Sewer Manhole
Trees	Guardrail-Existing	Guardrail-Proposed
Tree Line	Guardrail-Cable, Other	
Clearing Limit Line - CLL		

INDEX OF SHEETS

Description	Sheet No.
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	<i>[Signature]</i>	7/15/11
COMMISSIONER		
CHIEF ENGINEER		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
PROJECT NO. 017119.00
NEWBURGH KENNEBEC ROAD
TITLE SHEET

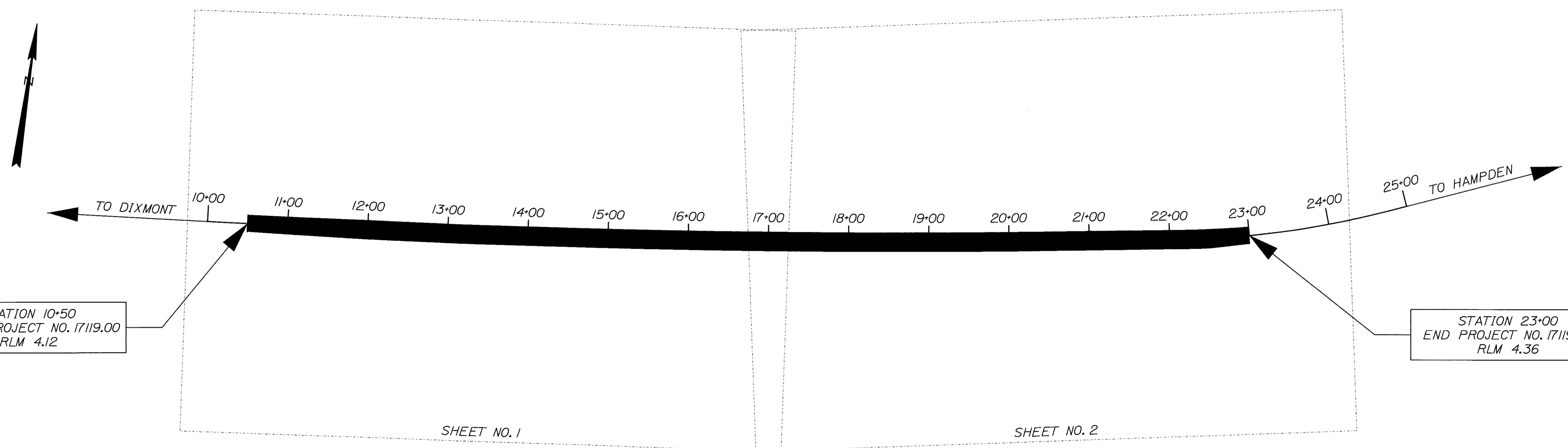
[Signature]
SIGNATURE
12298
P.E. NUMBER
7/7/2011
DATE

PROGRAM	HIGHWAY
PROJECT MANAGER	E. LOVELY
DESIGNER	R. CHESTER
CONSTRUCTION MANAGER	M. KIRKMAN
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

NEWBURGH
KENNEBEC ROAD
TITLE SHEET

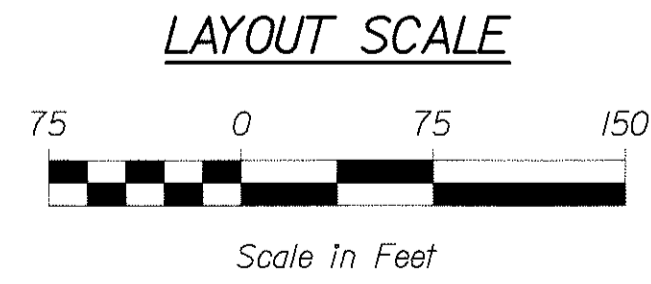
WIN 17119.00

SHEET NUMBER
1
OF 12



TRAFFIC DATA

Current (2011) AADT	420
Future (2023) AADT	520
DHV - % of AADT	13%
Design Hour Volume	68
% Heavy Trucks (AADT)	13%
% Heavy Trucks (DHV)	10%
Directional Distribution (DHV)	60%
18 kip Equivalent P 2.0	22
18 kip Equivalent P 2.5	21
Posted Speed (mph)	45
Functional Class	Minor Collector



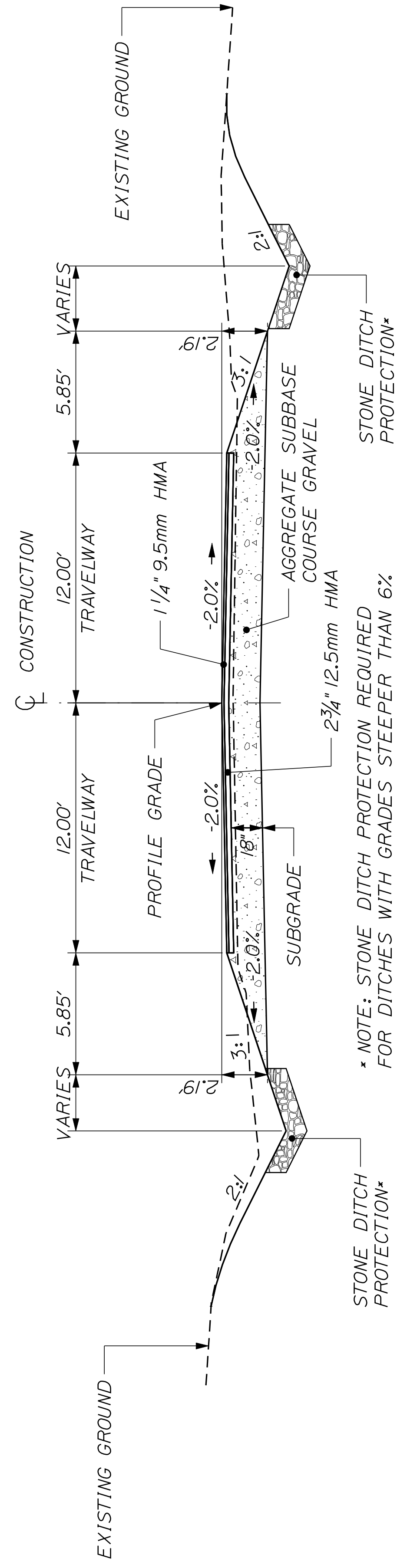
PROJECT LOCATION:	In the town of Newburgh located 1.0 miles west of Dahlia Farm Road, extending easterly for 0.24 miles
PROGRAM AREA:	Critical Infrastructure Program Region 4
OUTLINE OF WORK:	Vertical Alignment & Drainage Improvements

Date: 7/7/2011

Username: bill.lucas

Division: HIGHWAY

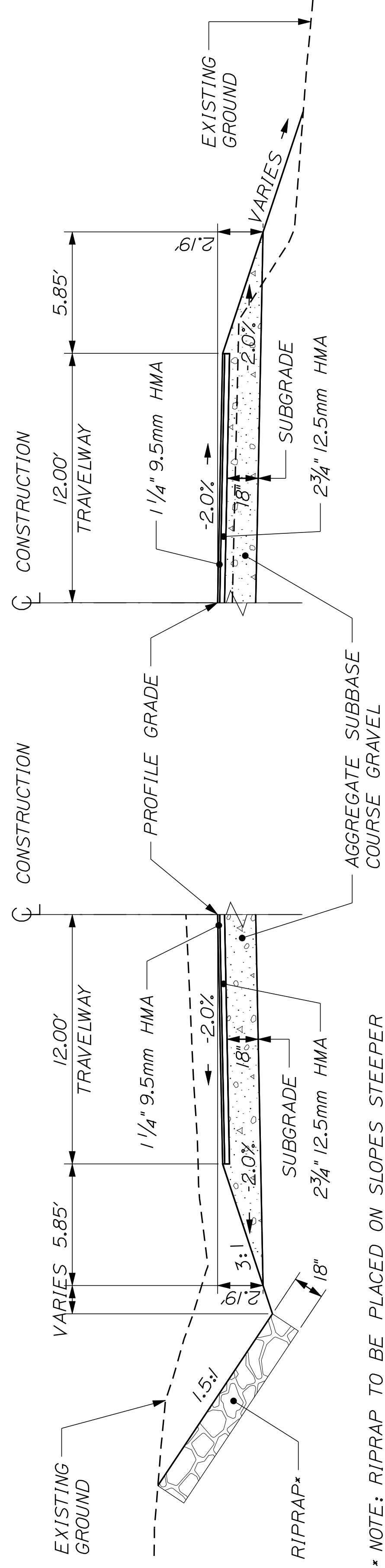
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* NOTE: STONE DITCH PROTECTION REQUIRED FOR DITCHES WITH GRADES STEEPER THAN 6%.

AGGREGATE SUBBASE COURSE GRAVEL
24 FT. TRAVEL LANES
173.05 CY/100 LF
STATION TO STATION
10+75 TO 22+25

FULL CONSTRUCTION
NORMAL



* NOTE: RIPRAP TO BE PLACED ON SLOPES STEEPER THAN 2:1 AS DIRECTED BY THE RESIDENT

AGGREGATE SUBBASE COURSE GRAVEL
12 FT. TRAVEL LANES
86.52 CY/100 LF
STATION TO STATION
19+25 TO 22+00 LT.

STEEP BACKSLOPE

AGGREGATE SUBBASE COURSE GRAVEL
12 FT. TRAVEL LANES
86.52 CY/100 LF
STATION TO STATION
VARIOUS LOCATIONS

INSLOPE SECTION

NOTE:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

NOT TO SCALE

SHEET NUMBER

2

OF 12

NEWBURGH
KENNEBEC ROAD

TYPICAL SECTIONS

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

17119.00

PIN

17119.00

HIGHWAY PLANS

PROJ. MANAGER

E. LOVELY

BY

R. CHESTER

DATE

DESIGN-DETAILED

R. CHESTER

SIGNATURE

CONSTR. MANAGER

M. KIRWANN

DESIGN-DETAILED

B. LUCAS

DESIGN-DETAILED

B. BROWN

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

SHEET NUMBER

2

OF 12

NEWBURGH
KENNEBEC ROAD

TYPICAL SECTIONS

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

17119.00

PIN

17119.00

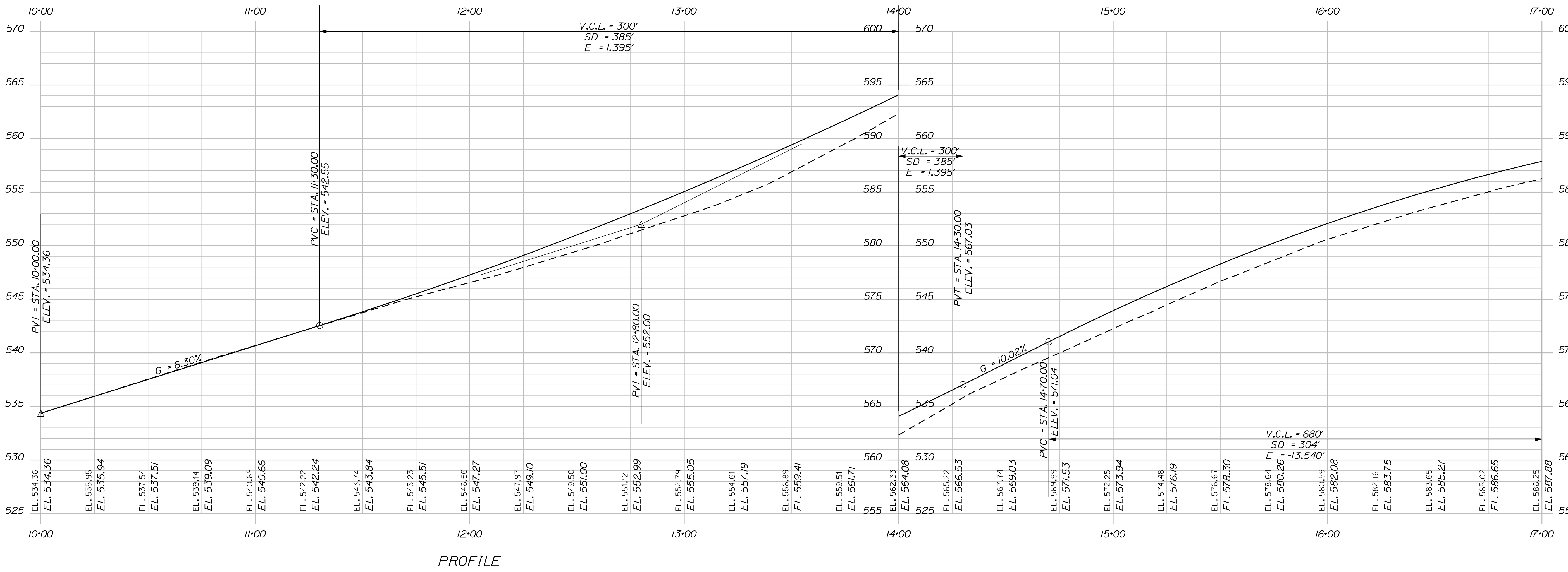
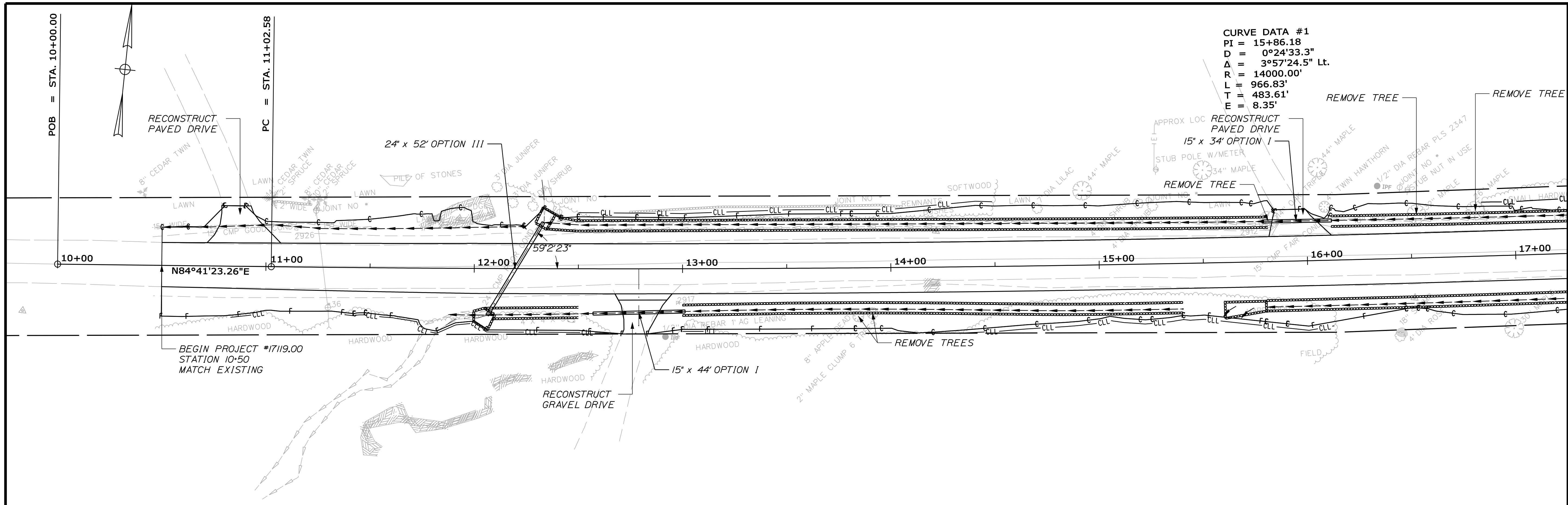
HIGHWAY PLANS

Date: 7/17/2011

Username: bill.lucas

Division: HIGHWAY

Filename: ... \highway\msta\003_HDPLAN1.DGN



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 17119.00
 PIN 17119.00
 HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED R. CHESTER	R. CHESTER	
CONST. MANAGER M. KIRWANN	M. KIRWANN	
DESIGN DETAILER B. LUCAS	B. LUCAS	
DESIGN DETAILER B. BROWN	B. BROWN	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

NEWBURGH
 KENNEBEC ROAD
 PLANS

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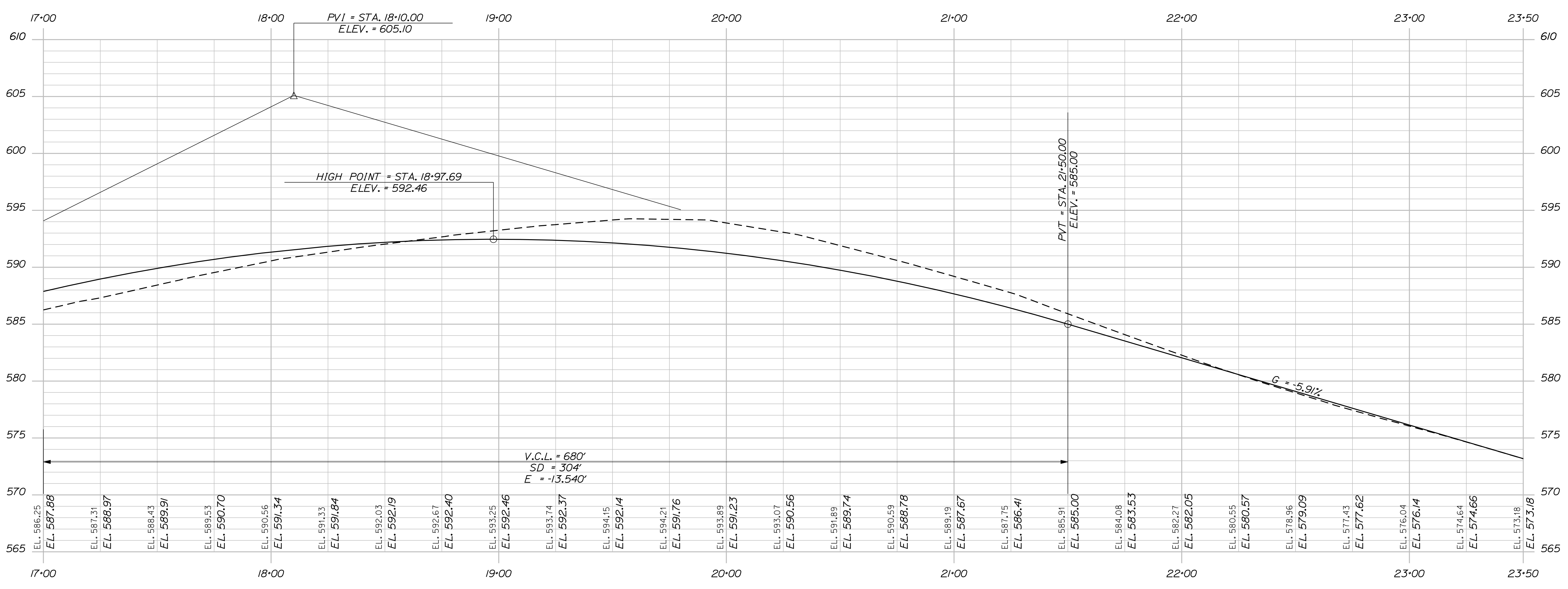
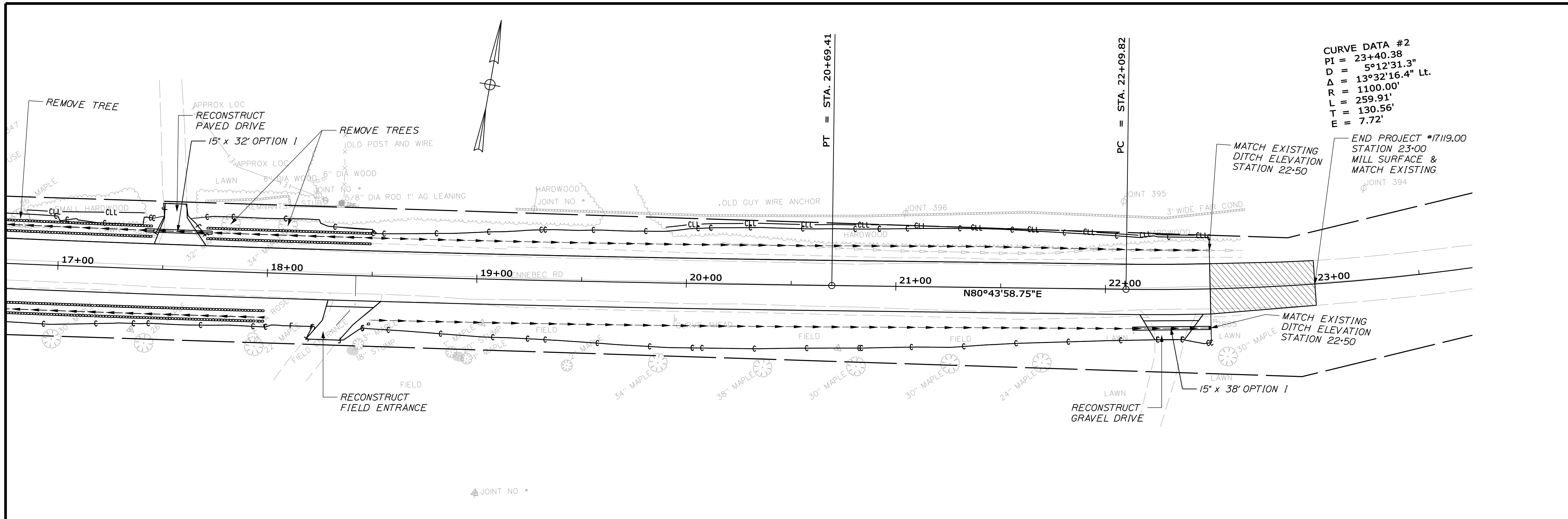
STA. 10+00.00 TO STA. 17+00.00

Date: 7/7/2011

Username: bill.lucas

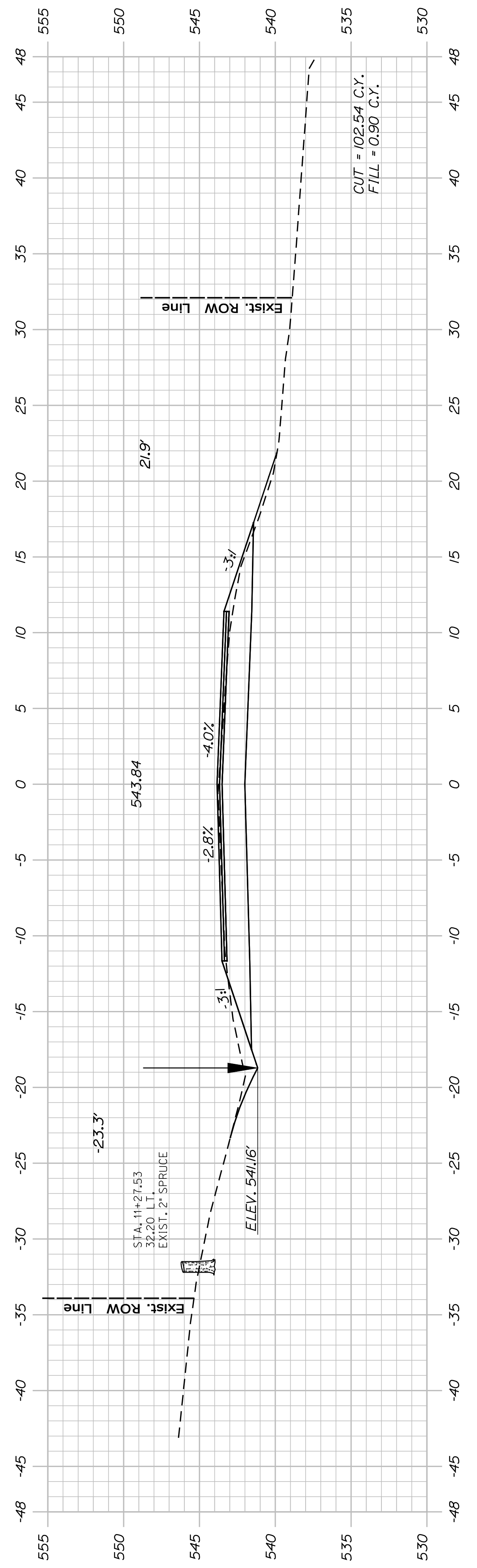
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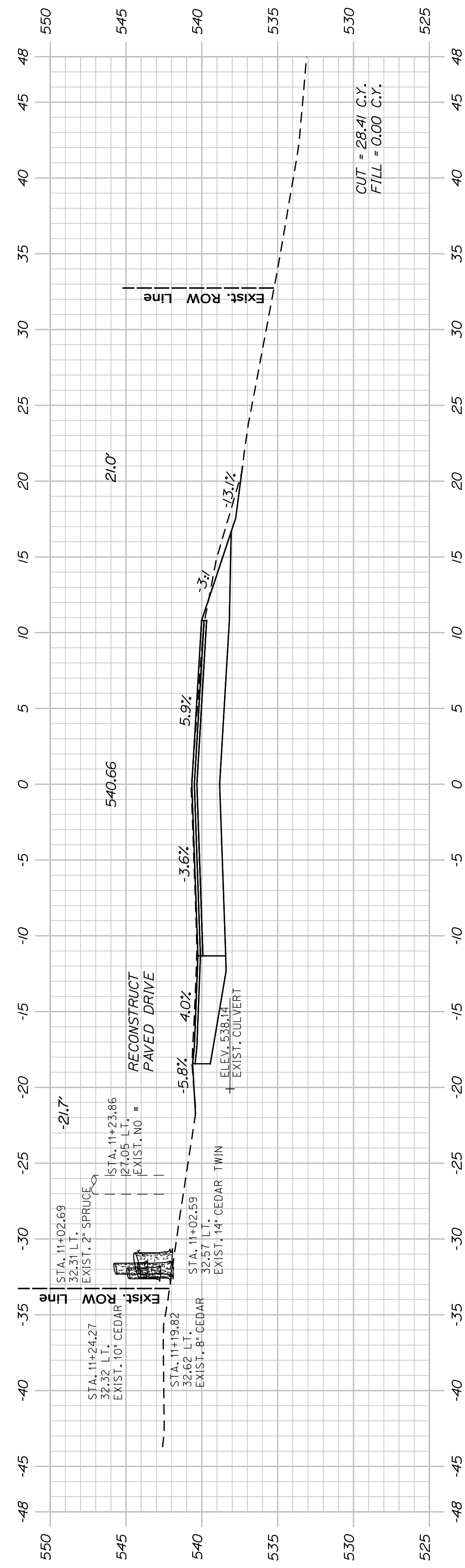


PROFILE

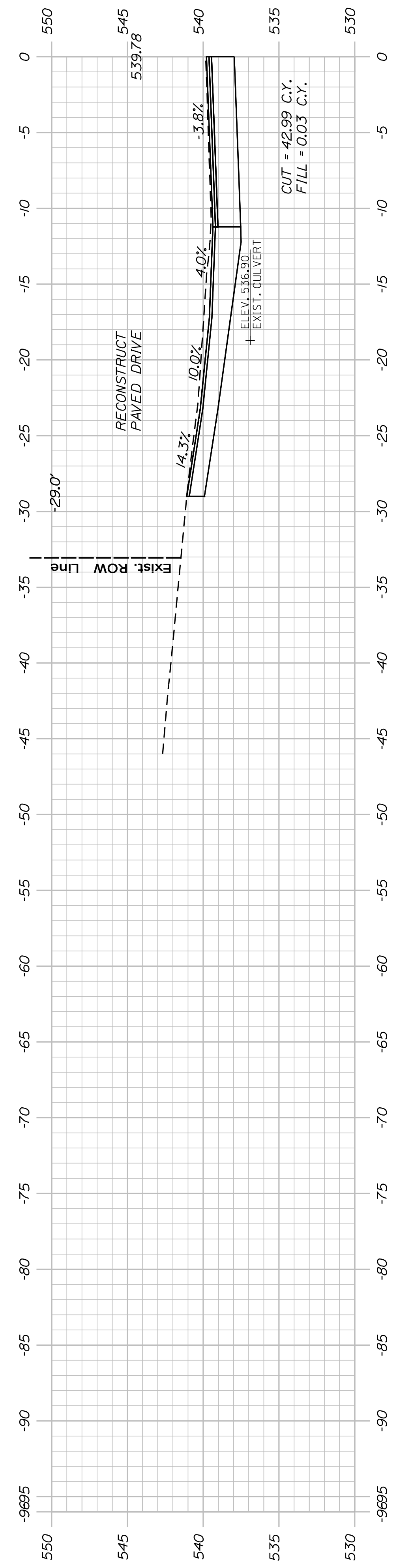
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NEWBURGH		KENNEBEC ROAD	
SHEET NUMBER		PLANS	
4		OF 12	
17119.00		PIN 17119.00	
17119.00		HIGHWAY PLANS	
PROJ. MANAGER	E. LOVELY	BY	DATE
DESIGN-DETAILED	R. CHESTER	R. CHESTER	
CONST. MANAGER	M. KIRWANN		
DESIGN DETAILED	B. LUCAS		
DESIGN DETAILED	B. BROWN		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



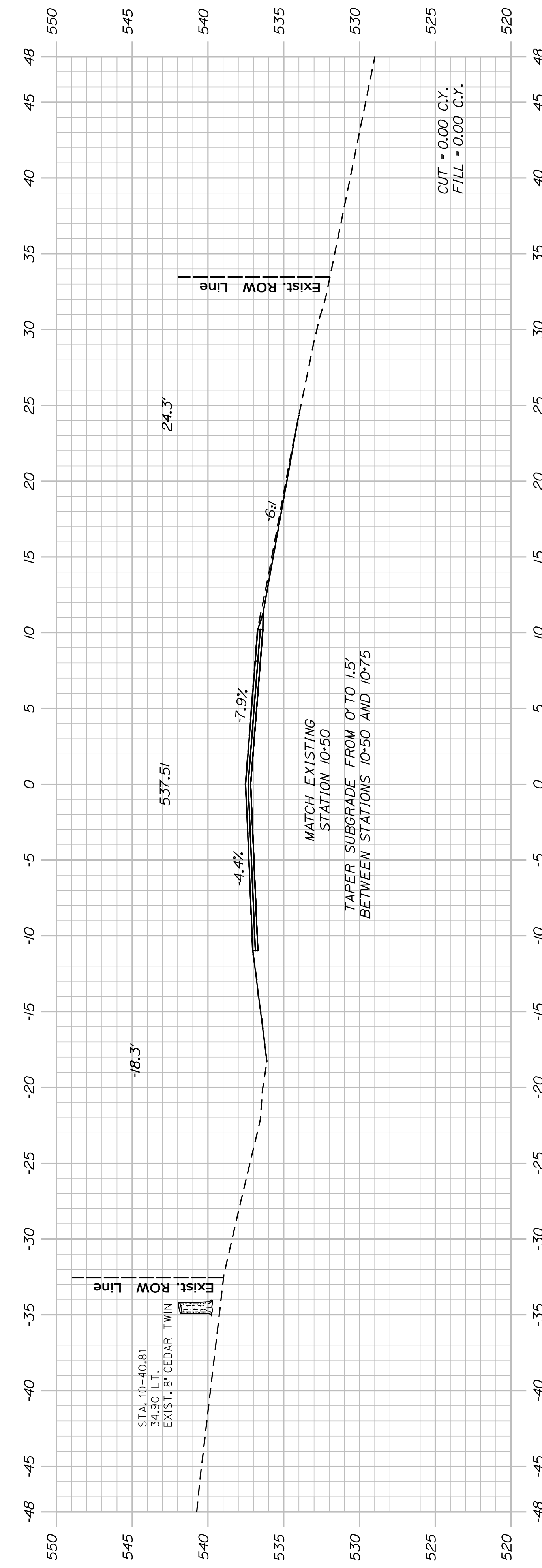
11+50.00



11+00.00



10+86.00

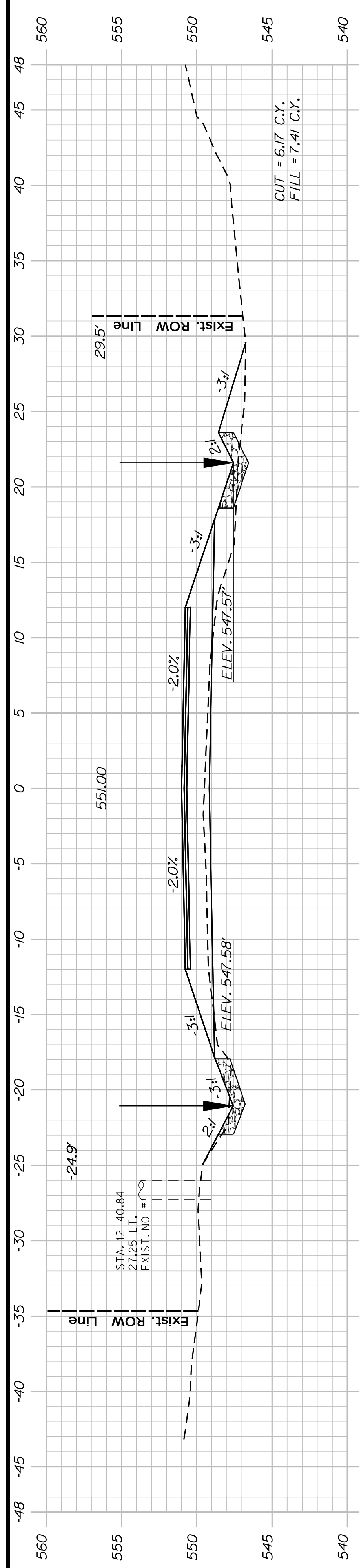


10+50.00

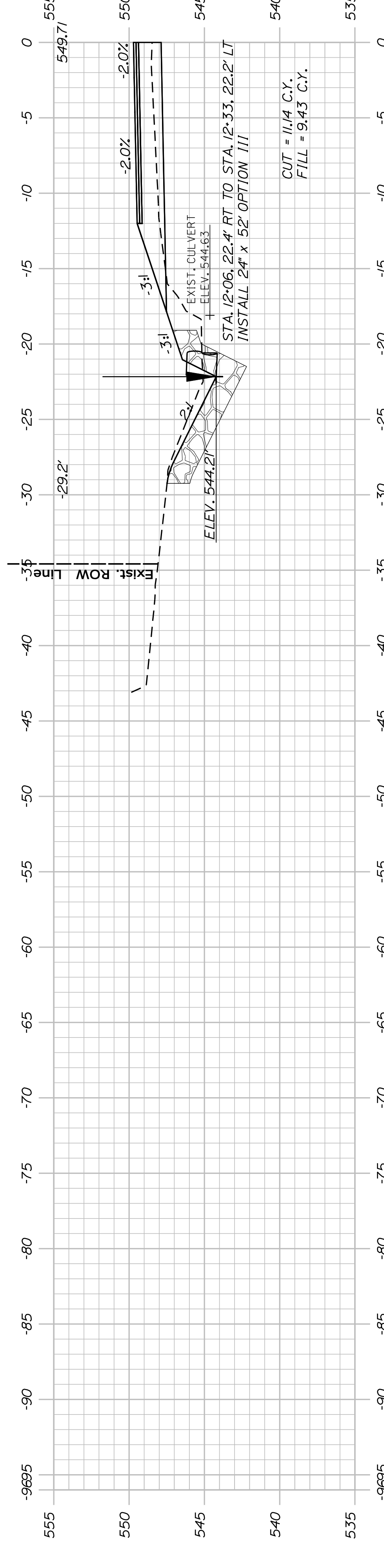
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NEWBURGH
KENNEBEC ROAD
CROSS SECTIONS

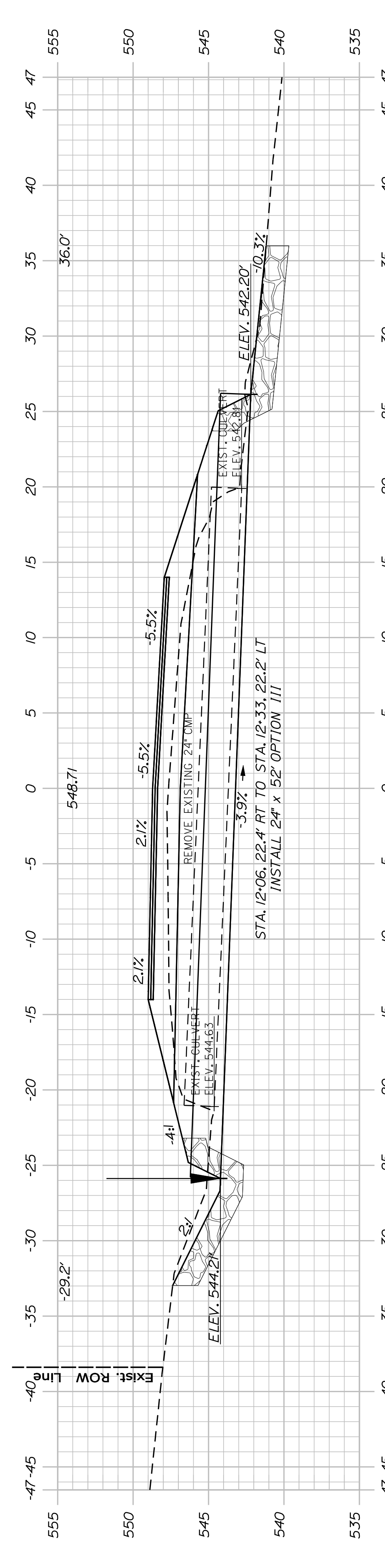
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PROJECT NUMBER		17119.00	
PIN		17119.00	
HIGHWAY PLANS			
PROJ. MANAGER	E. LOVELY	BY	DATE
DESIGN-DETAILED	R. CHESTER	R. CHESTER	
CONST. MANAGER	M. KIRWANN		SIGNATURE
DESIGN DETAILER	B. LUCAS		P.E. NUMBER
DESIGN DETAILER	B. BROWN		DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



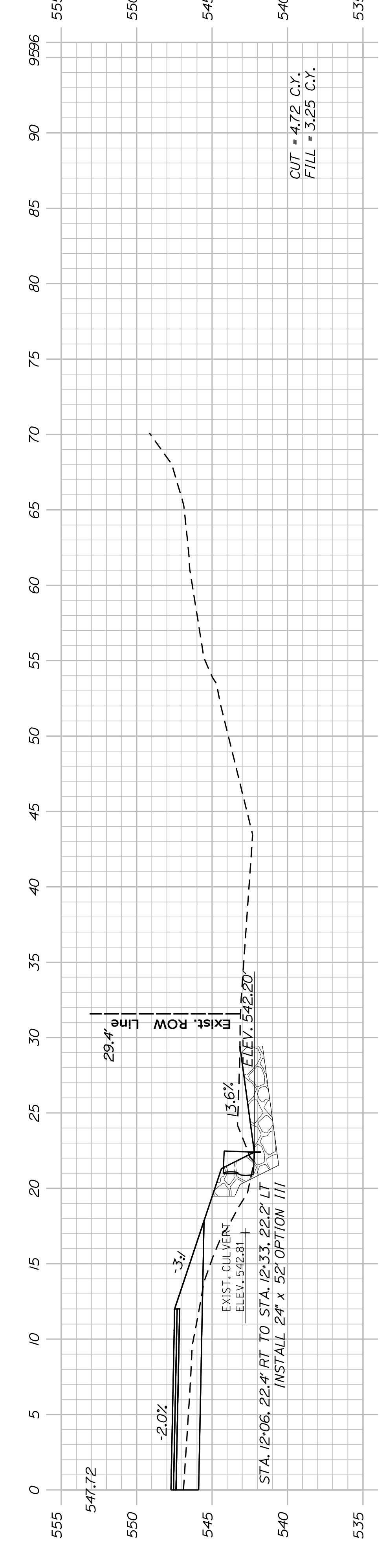
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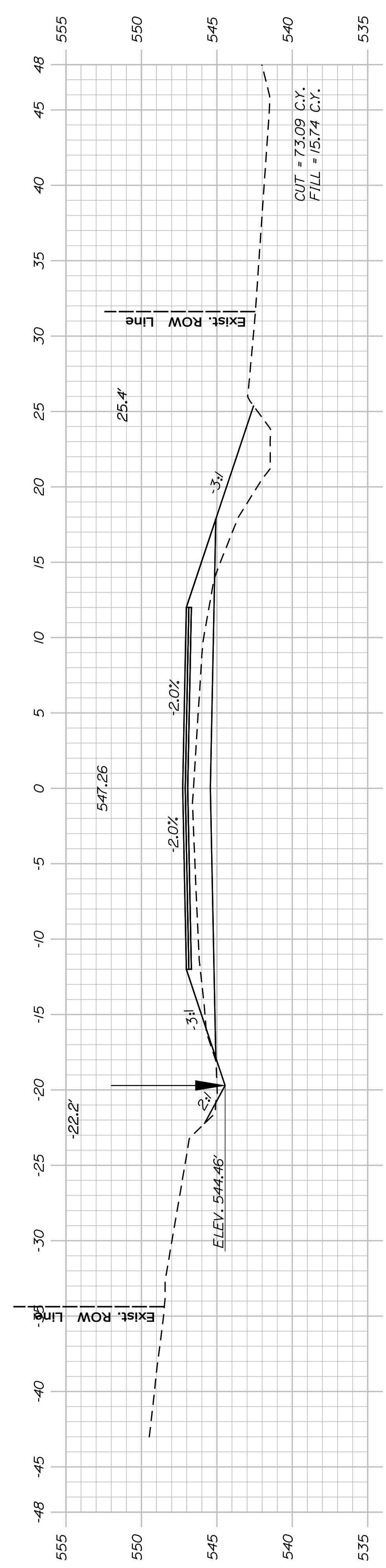
12+33.13



LINE STRING SECTION
12+19.78



12+06.35



12+00.00

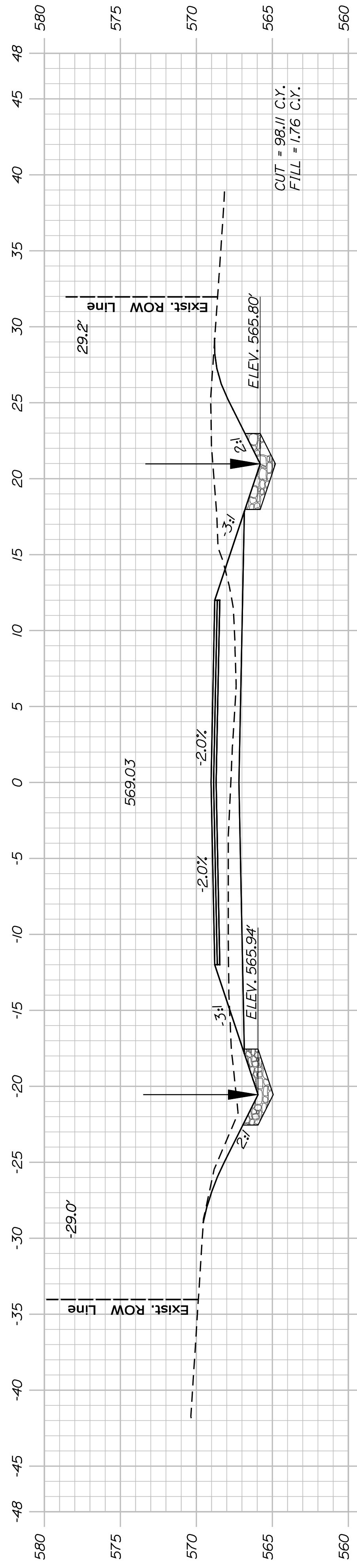
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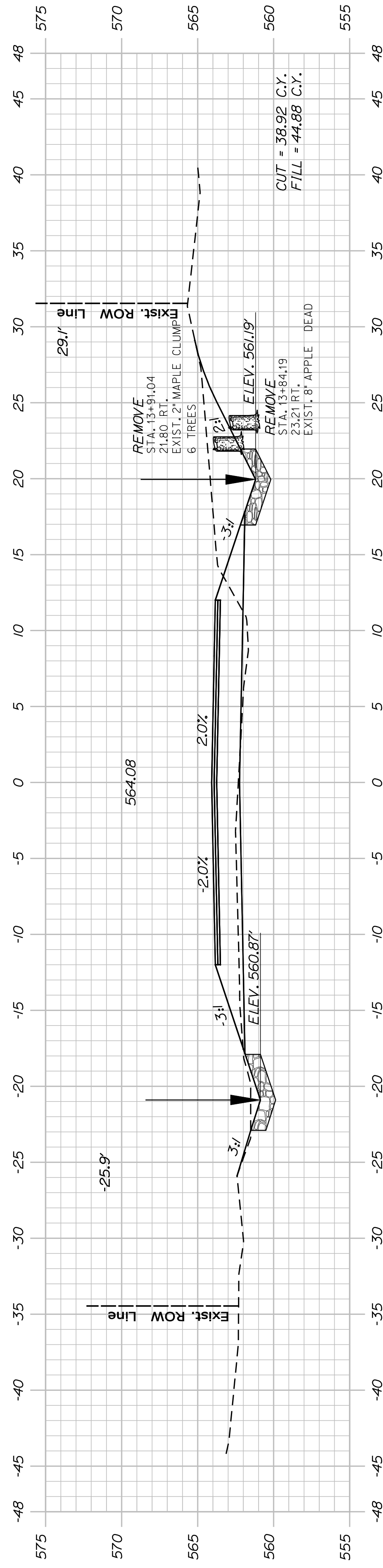
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NEWBURGH
KENNEBEC ROAD
CROSS SECTIONS

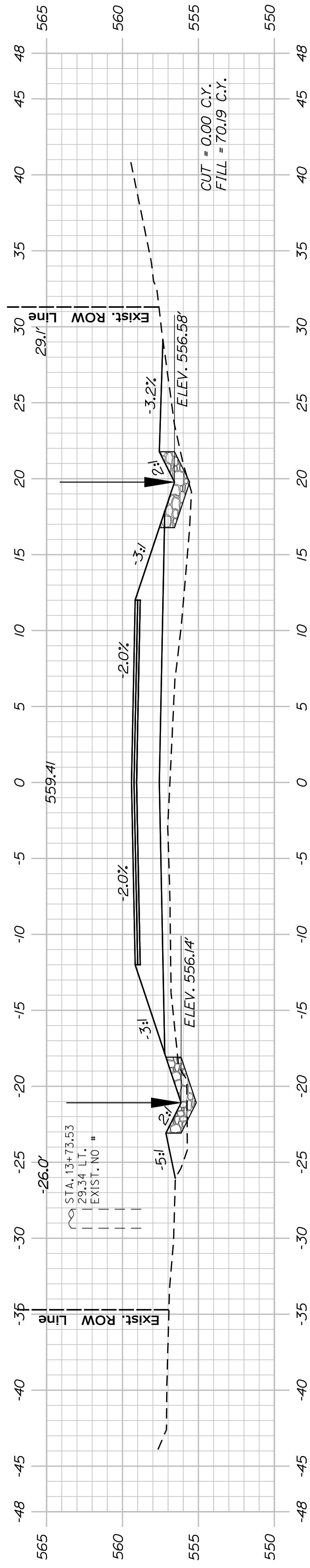
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PROJECT NO. 17119.00		PIN 17119.00	
PROJ. MANAGER	E. LOVELY	BY	DATE
DESIGN-DETAILED	R. CHESTER	R. CHESTER	
CONST. MANAGER	M. KIRWANN		SIGNATURE
DESIGN DET AILED 3	B. LUCAS		P.E. NUMBER
DESIGN DET AILED 1	B. BROWN		DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



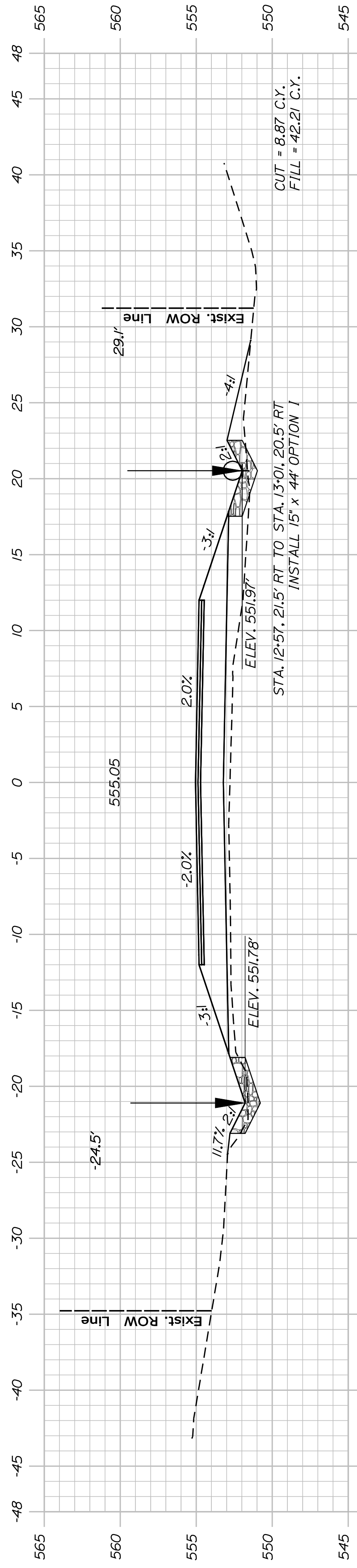
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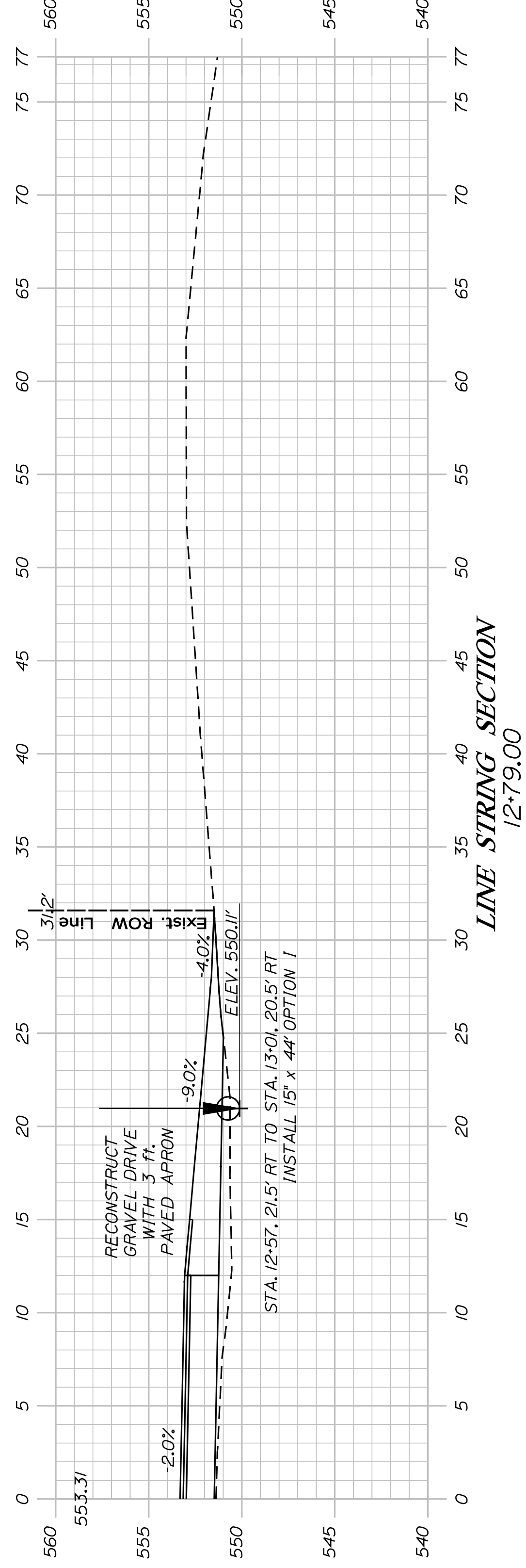
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13+50.00



13+00.00



LINE STRING SECTION
12+79.00

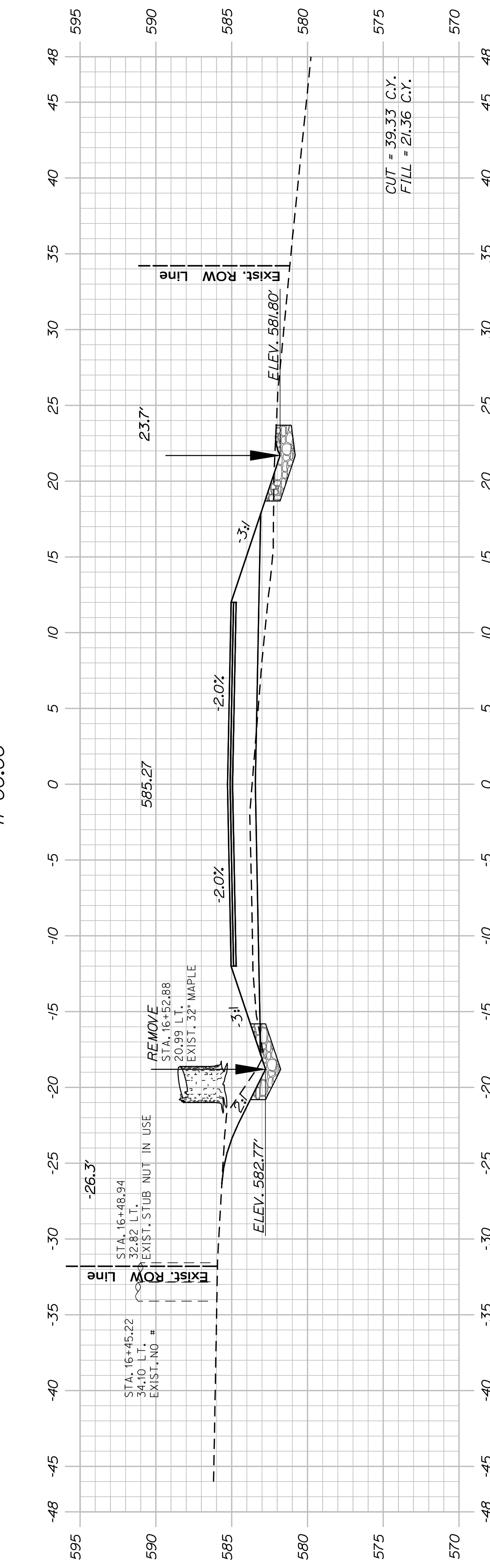
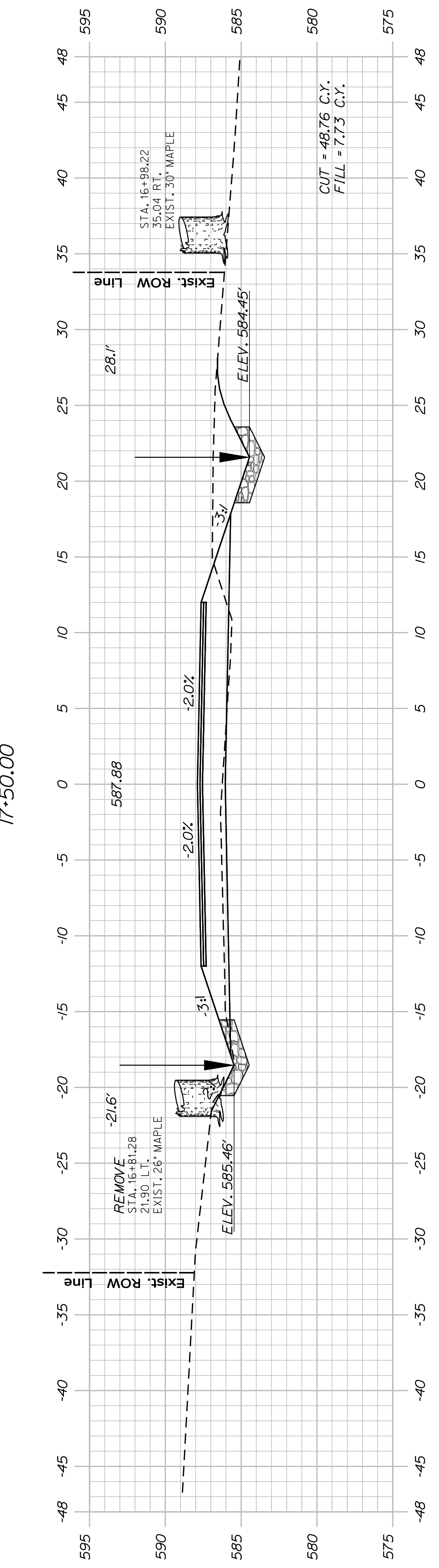
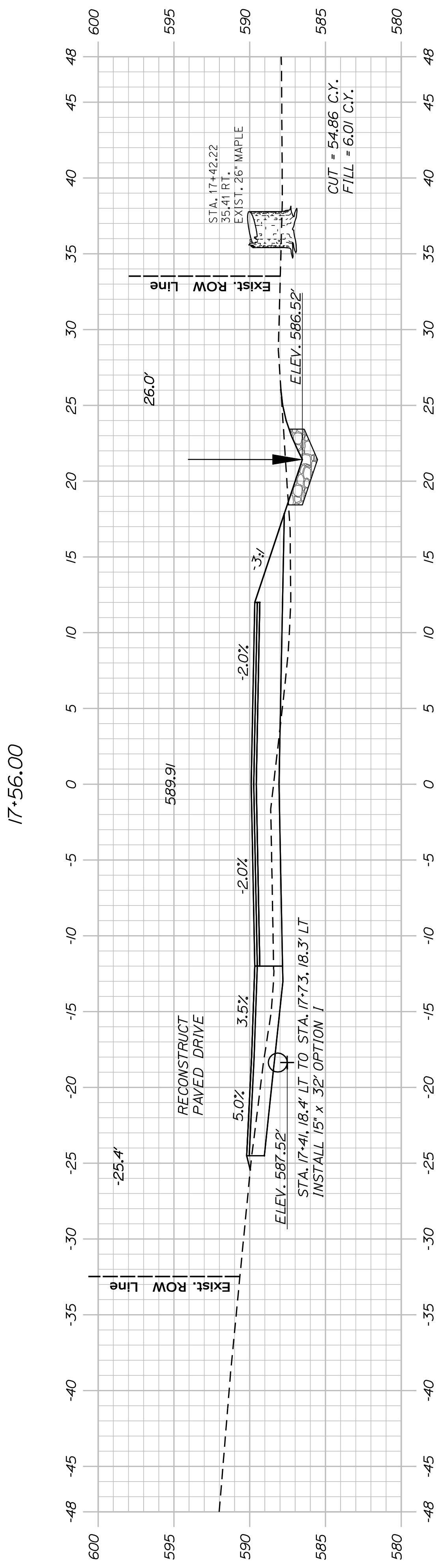
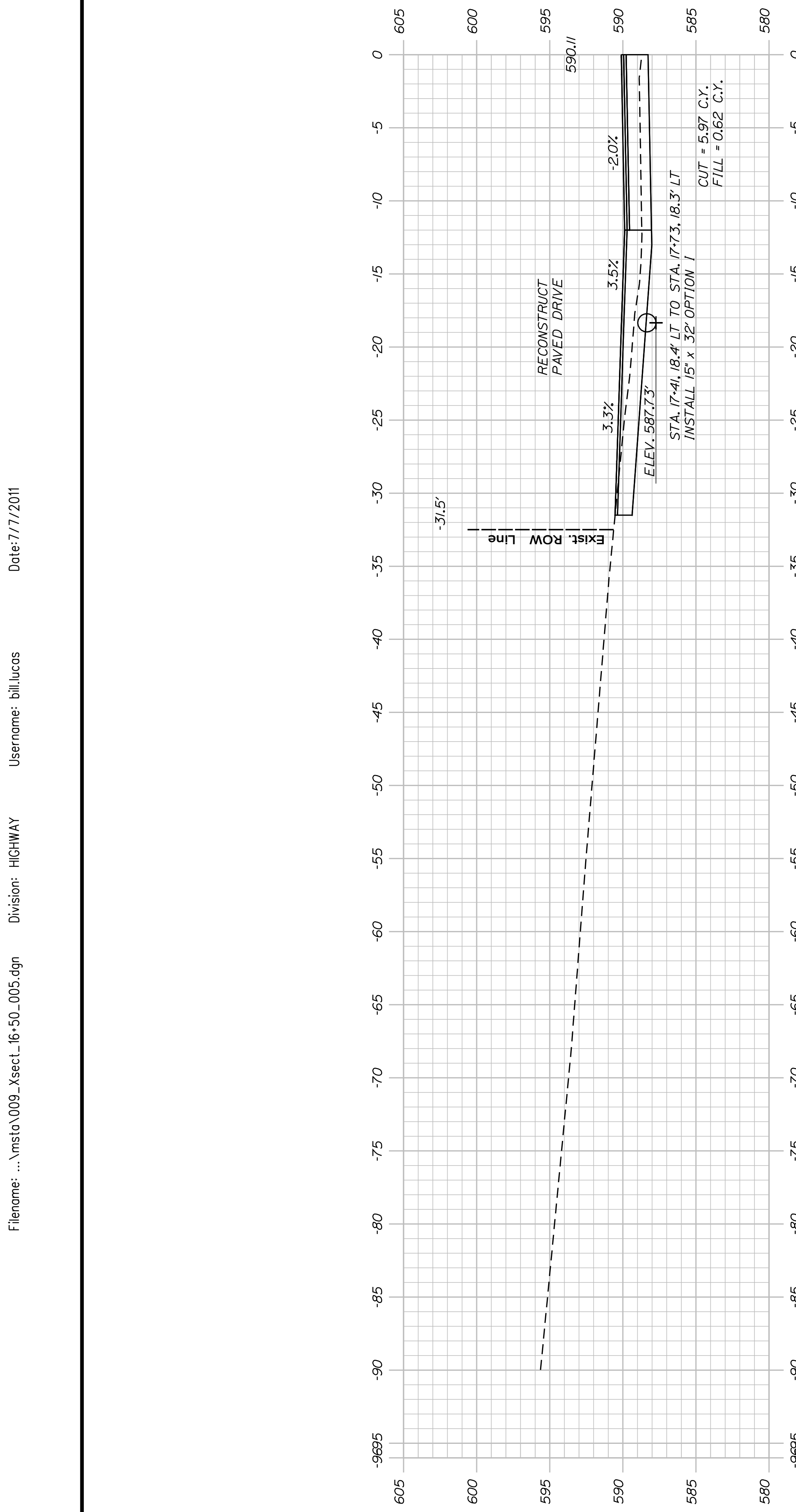
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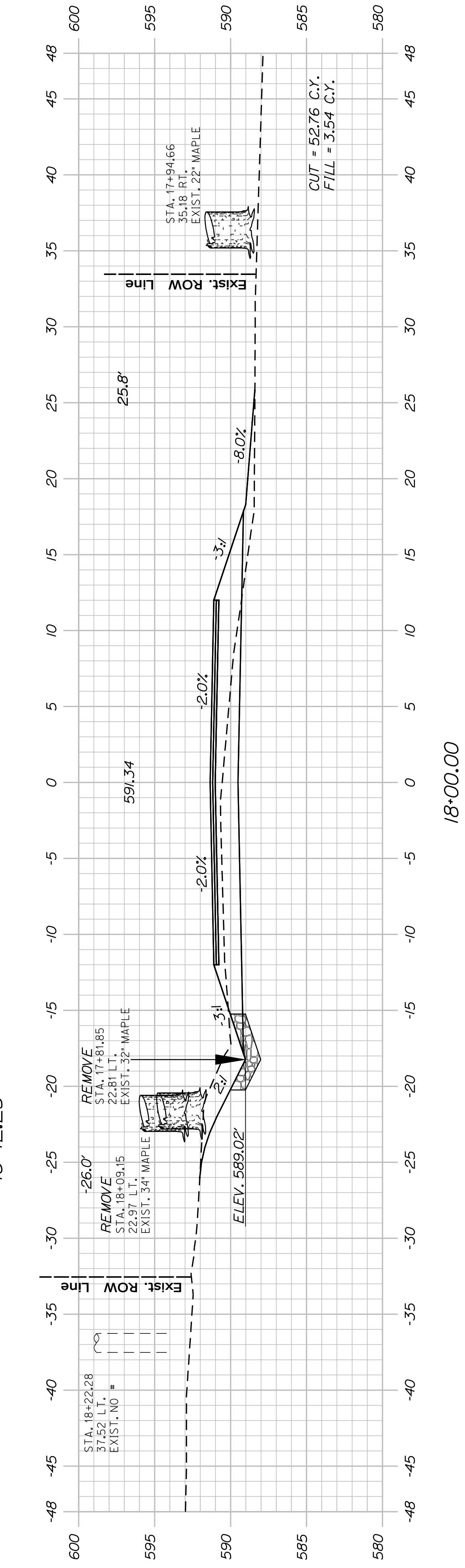
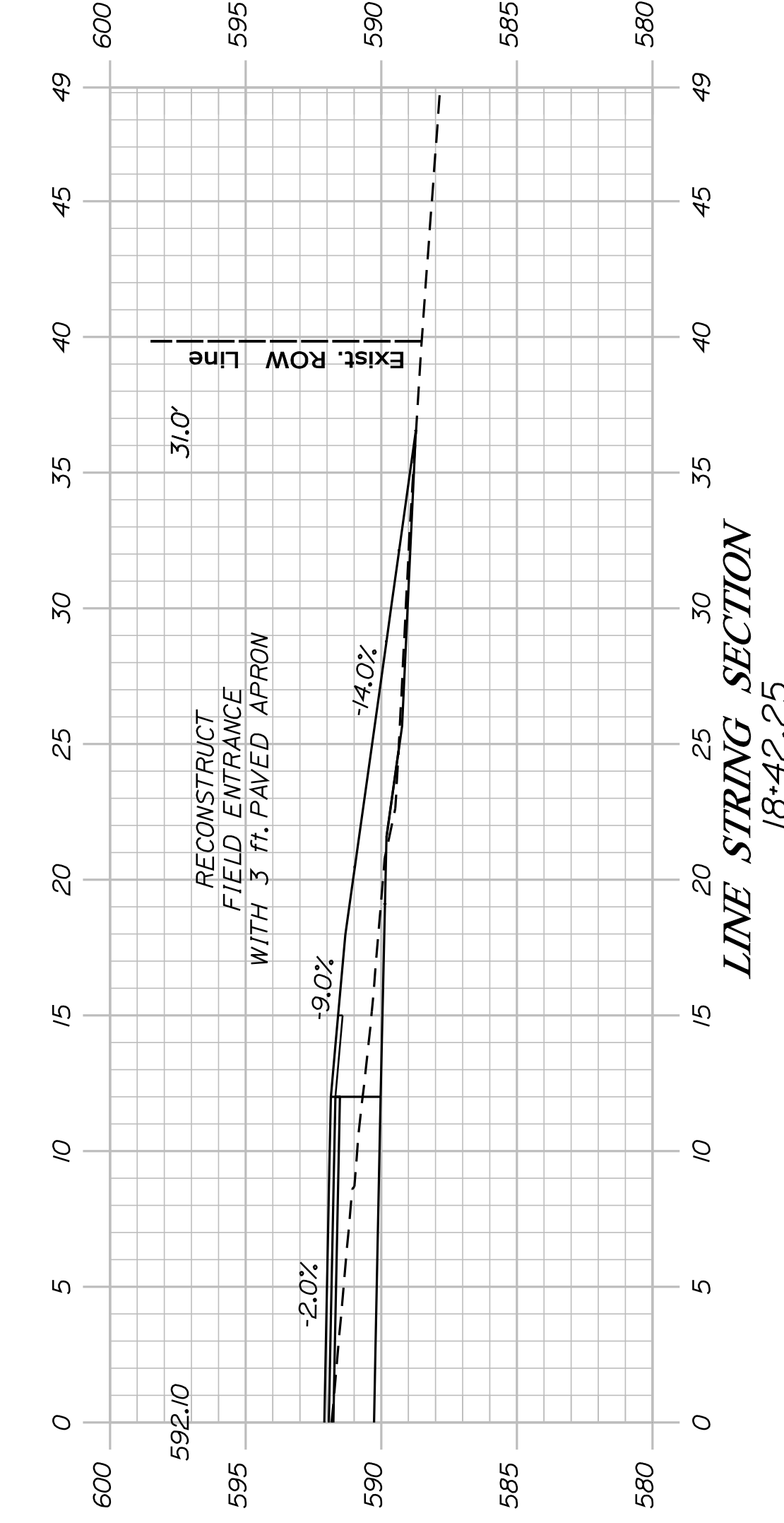
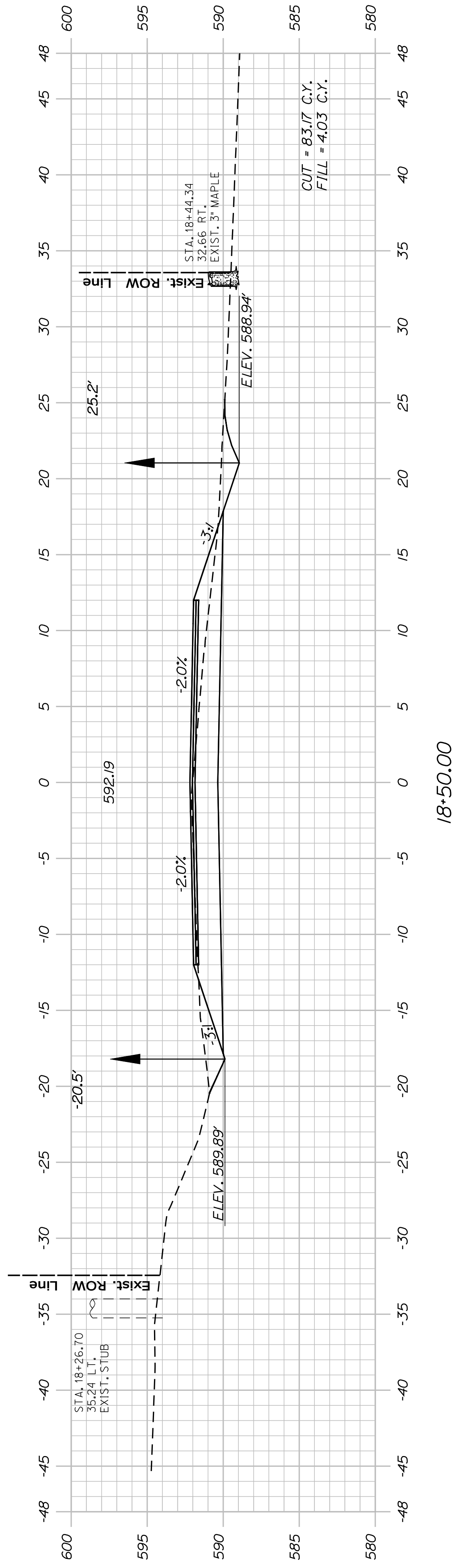
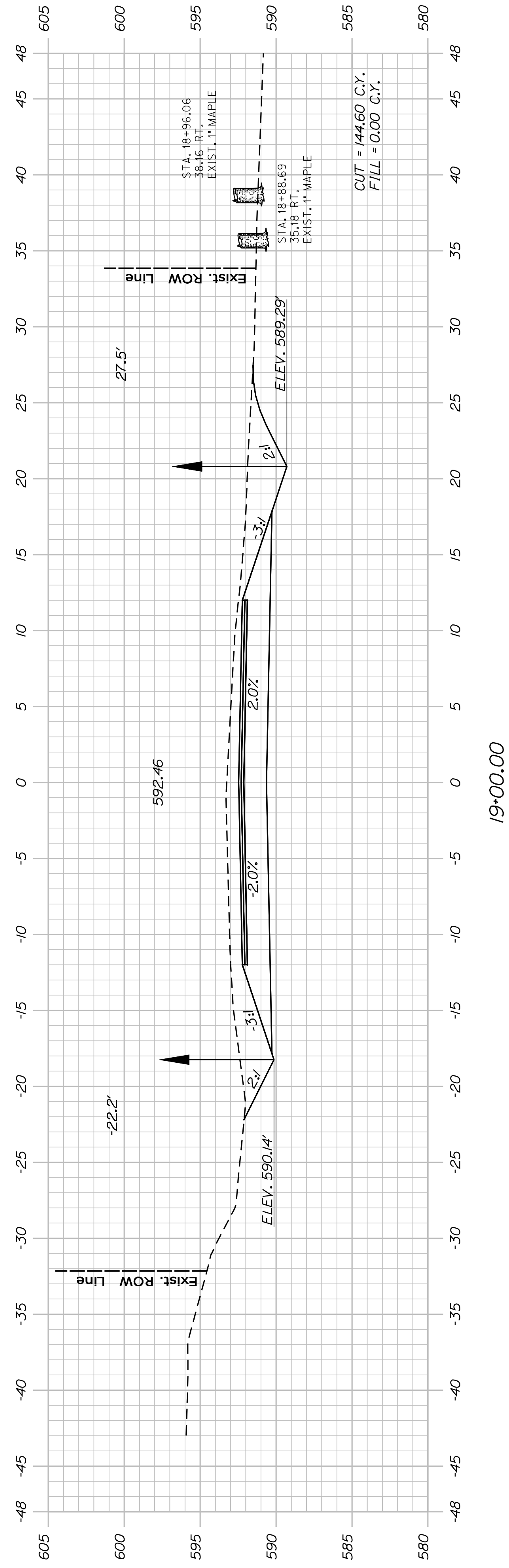
7

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NEWBURGH
KENNEBEC ROAD
CROSS SECTIONS

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
PROJECT MANAGER		DATE	
DESIGN-DETAILED	R. CHESTER	BY	
CONST. MANAGER	M. KIRWANN	SIGNATURE	
DESIGN DET AILED	B. LUCAS	P.E. NUMBER	17119.00
DESIGN DET AILED	B. BROWN	DATE	
REVISIONS 1		FIELD CHANGES	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			

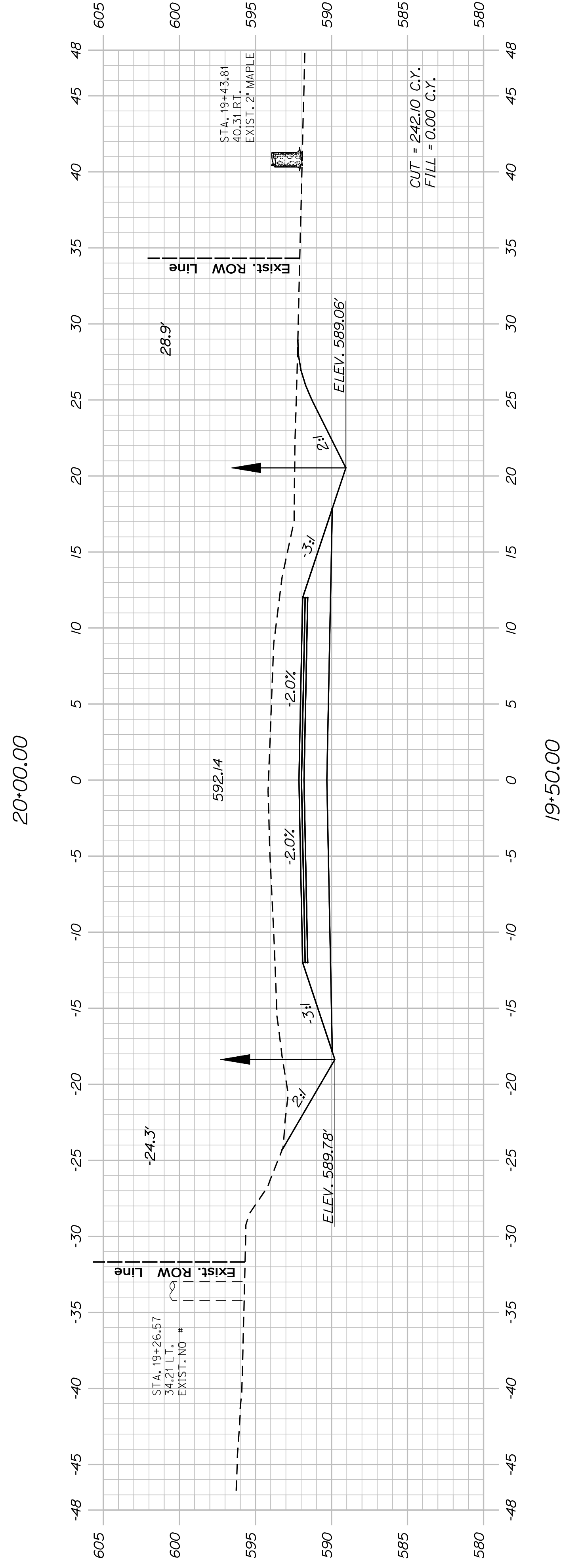
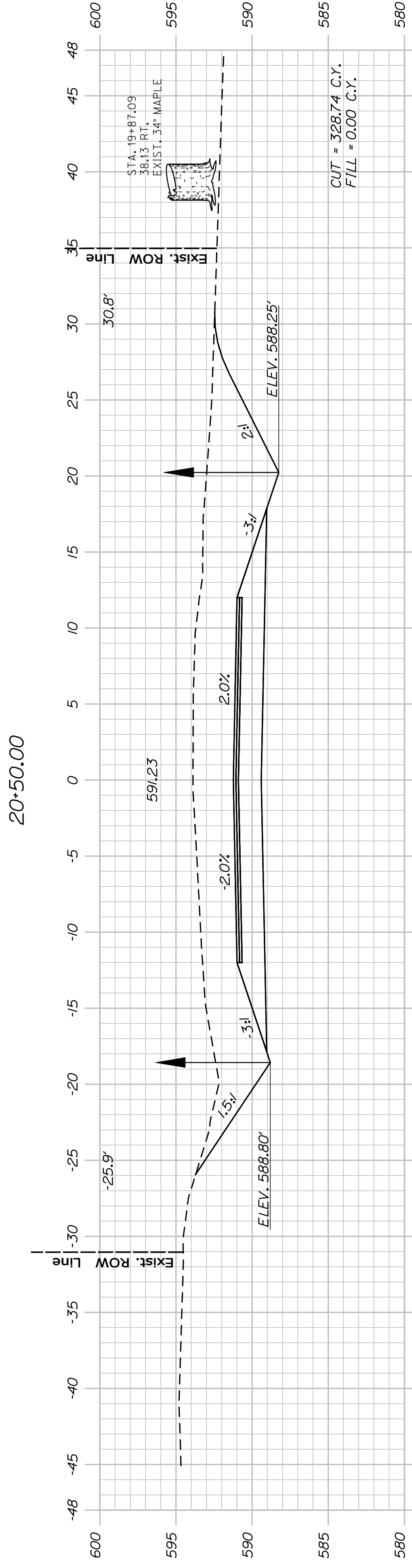
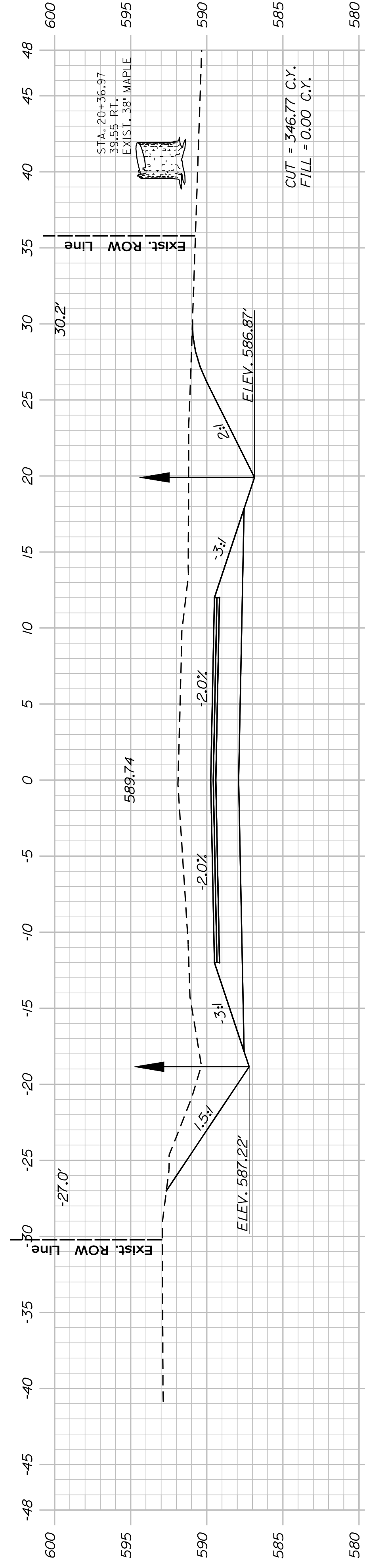
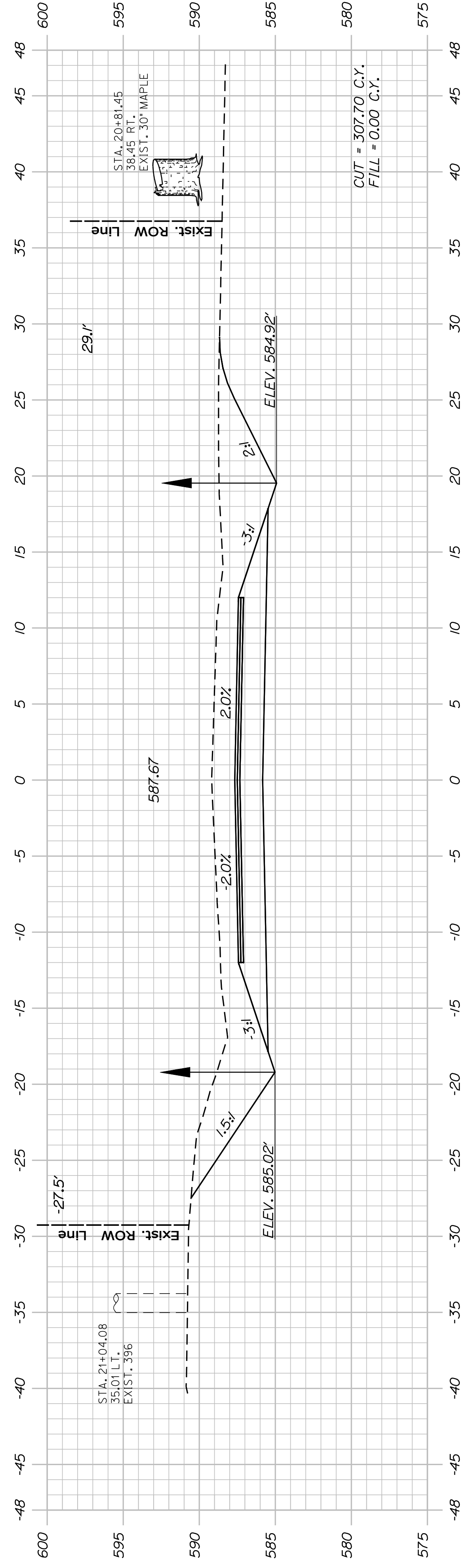




SHEET NUMBER
10
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**NEWBURGH
KENNEBEC ROAD
CROSS SECTIONS**

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
DESIGN-DETAILED		SIGNATURE	
CONSTR. MANAGER	BY	P.E. NUMBER	
DESIGN-DETAILED	R. CHESTER	DATE	
DESIGN-DETAILED	M. KIRWANN	FIELD CHANGES	
DESIGN-DETAILED	B. LUCAS	PIN	
REVISIONS 1	B. BROWN	17119.00	
REVISIONS 2		HIGHWAY PLANS	
REVISIONS 3			
REVISIONS 4			



SHEET NUMBER

11

OF 12

NEWBURGH
KENNEBEC ROAD
CROSS SECTIONS

PROJ. MANAGER	E. LOVELY	BY	DATE
DESIGN-DETAILED	R. CHESTER	R. CHESTER	
CONST. MANAGER	M. KIRWANN		
DESIGN DETAILER	B. LUCAS		
DESIGN DETAILER	B. BROWN		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
17119.00
PIN
17119.00
HIGHWAY PLANS

