MERROW ROAD

AUBURN, MAINE

ANDROSCOGGIN COUNTY

ROADWAY RECONSTRUCTION

PROJECT LENGTH: 1.31 MILES

PLAN LEGEND

Town, County, State
Property Lines
R/W Lines-Existing
R/W Lines-Proposed
Culvert-Existing
Culvert Proposed
Curbing — Existing — Proposed
Type 1
Type 3
Type 5
Outline of Bodies of Water
Exposed Bedrock
Buildings
Trees — Conifer — Deciduous
Tree Line
Clearing Limit Line
Railroad

Catch Basins — Existing — Proposed
Manholes — Existing — Proposed
Proposed Underdrain
Proposed Ditch
Existing Ditch
Utility Poles — Existing — Proposed
Fire Hydrants — Existing — Proposed
Existing Water Line
Existing San. Sewer
Existing San. Sewer Manhole
Guardrail-Existing
Guardrail-Proposed
Guardrail-Cable, Other
Centerline-Existing
Centerline-Proposed
Travelway-Existing
Travelway-Proposed

Boring — HB-XXX-###
Pavement Core — PC-#
Test Pit — TP-XXX-###

Probe — P-#.#X
#.# = Depth
X = W (Weathered Rock)
R (Refusal)
NR (No Refusal)

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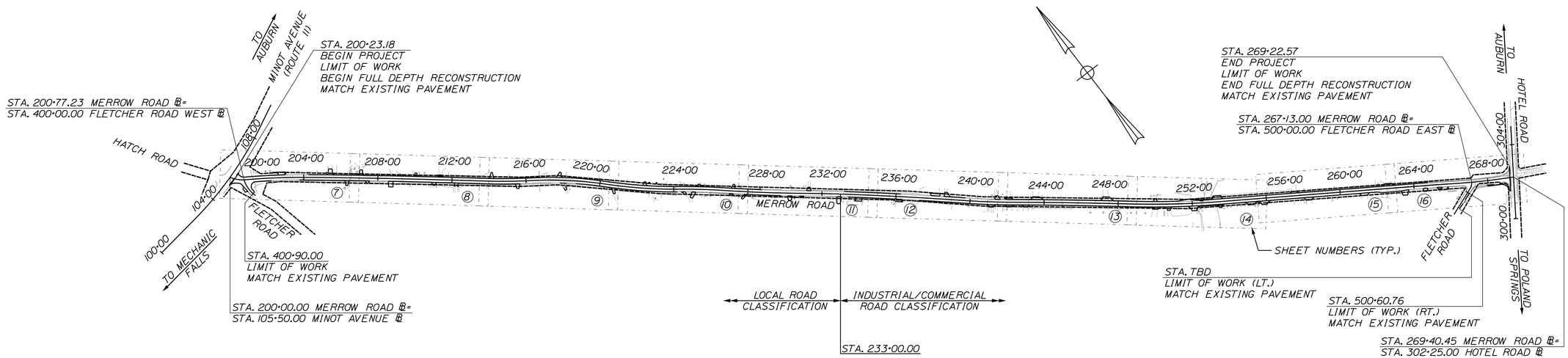

PROJECT LOCATION:	Merrow Road from Minot Avenue (Route 11) to Hotel Road, in Auburn.
PROGRAM AREA:	City of Auburn Public Works
SCOPE OF WORK:	Work assumes full depth reconstruction of the existing roadway. Work includes new gravel, pavement, curbing, drainage, and striping. Work also includes the construction of a right turn lane on Merrow Road, at the Hotel Road intersection.

NOTE:
ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL BE GOVERNED BY AND BE IN CONFORMITY WITH THE MAINEDOT STANDARD SPECIFICATIONS (MARCH 2020 EDITION), AND THE MAINEDOT STANDARD DETAILS (MARCH 2020). EXCEPT AS MODIFIED BY THE PLANS OR SPECIAL PROVISIONS AND ANY AND ALL CORRECTIONS, REVISIONS, OR ADDITIONS ISSUED BY MAINEDOT.

NOTE:
* MAINTENANCE OF TRAFFIC PER MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES (MUTCD), LATEST EDITION.
* CONTRACTOR SHALL USE THE B.M.P. (BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL LATEST EDITION) AS A MINIMUM STANDARD.

PLAN

300 0 300 600
Scale of Feet

GORRILL PALMER
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Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
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300 Southborough Drive - Suite 200
South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

STATE OF MAINE — DONALD G. ETTINGER, JR. No. 9244 — LICENSED PROFESSIONAL ENGINEER

PROJECT INFORMATION	
PROGRAM	PUBLIC WORKS
PROJECT MANAGER	K. BENNETT
DESIGNER	J. WINCHENBACH
CONSULTANT	GORRILL PALMER
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

SIGNATURE 9244
P.E. NUMBER 02-28-2025
DATE

AUBURN
MERROW ROAD

TITLE SHEET

SHEET NUMBER
1
OF 78

Filename: ...\00\Highway\001_Title.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
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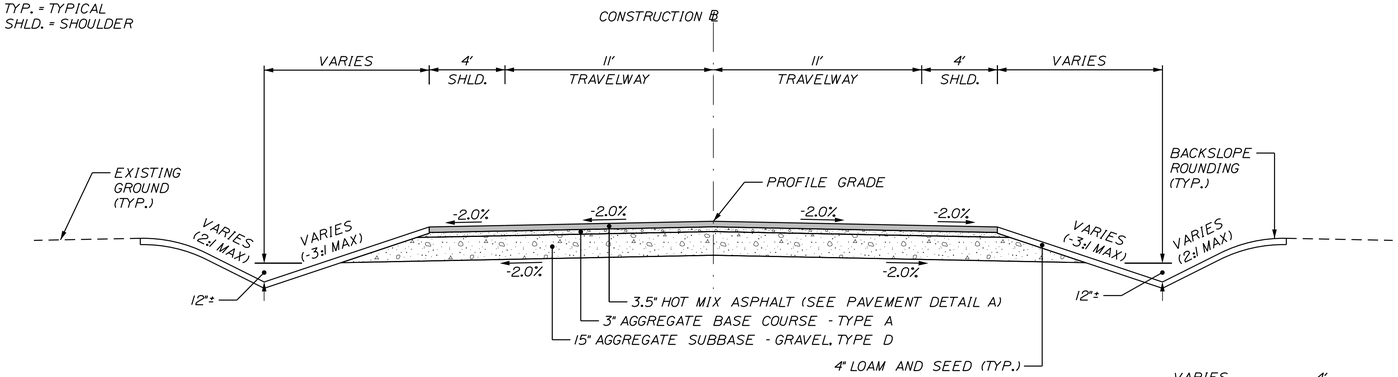
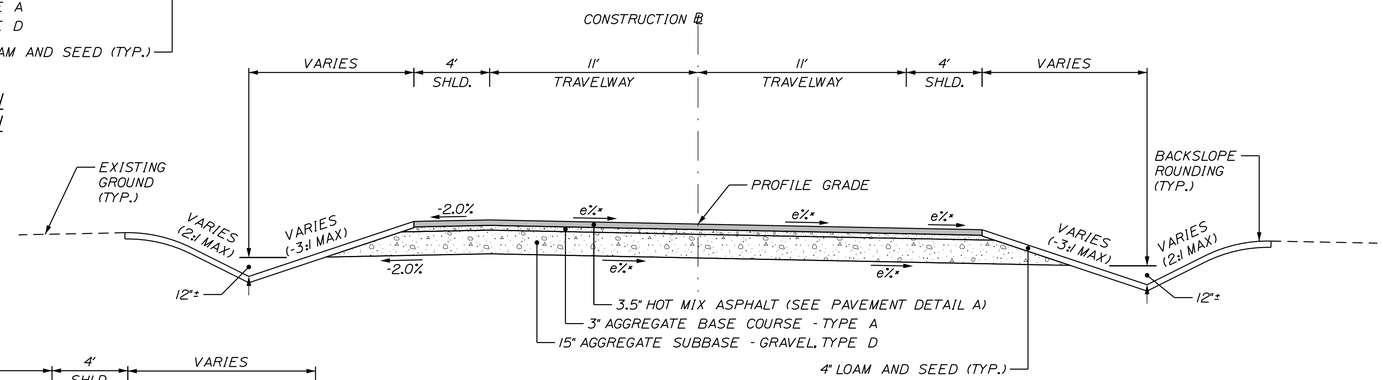
TYP. = TYPICAL
SHLD. = SHOULDER



MERROW ROAD
FULL DEPTH RECONSTRUCTION
LOCAL ROAD TYPICAL SECTION
NORMAL CROWN

STA. 200+23 TO STA. 215+50
STA. 221+25 TO STA. 233+00

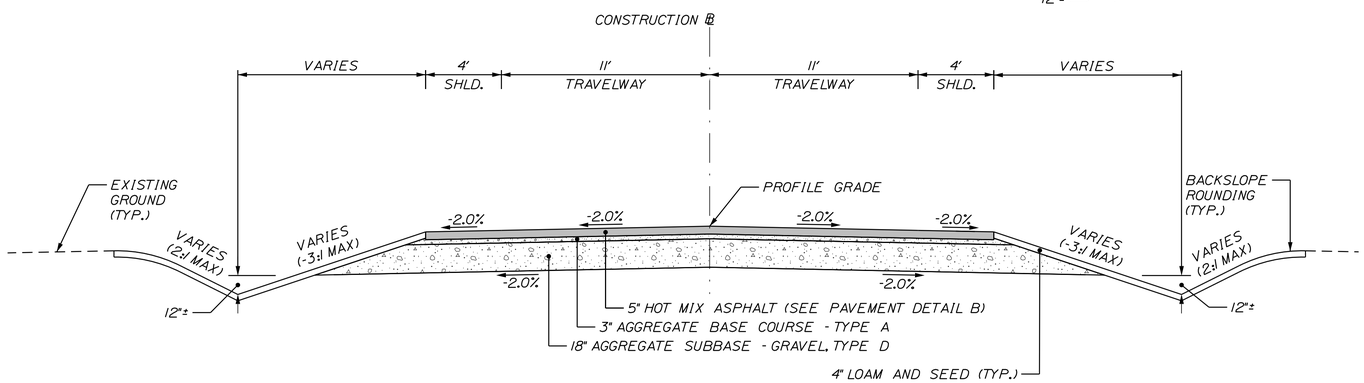
MERROW ROAD SUPER (e) TABLE				
LEFT SHOULDER	LEFT TRAVELWAY	STATION	RIGHT TRAVELWAY	RIGHT SHOULDER
-2.00%	-2.00%	215+50.00	-2.00%	-2.00%
-2.00%	-1.80%	215+55.00	-2.00%	-2.00%
-2.00%	0.00%	216+00.00	-2.00%	-2.00%
-2.00%	2.00%	216+50.00	-2.00%	-2.00%
		TO		
-2.00%	2.00%	220+25.00	-2.00%	-2.00%
-2.00%	1.00%	220+50.00	-2.00%	-2.00%
-2.00%	0.00%	220+75.00	-2.00%	-2.00%
-2.00%	-0.08%	220+77.00	-2.00%	-2.00%
-2.00%	-1.00%	221+00.00	-2.00%	-2.00%
-2.00%	-2.00%	221+25.00	-2.00%	-2.00%



MERROW ROAD
FULL DEPTH RECONSTRUCTION
LOCAL ROAD TYPICAL SECTION
SUPERELEVATED

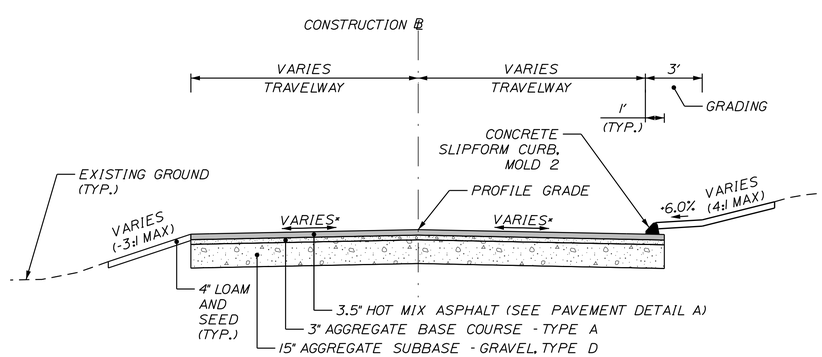
STA. 215+50 TO STA. 221+25

* SEE SUPER (e) TABLE FOR CROSS SLOPES



MERROW ROAD
FULL DEPTH RECONSTRUCTION
INDUSTRIAL/COMMERCIAL ROAD TYPICAL SECTION

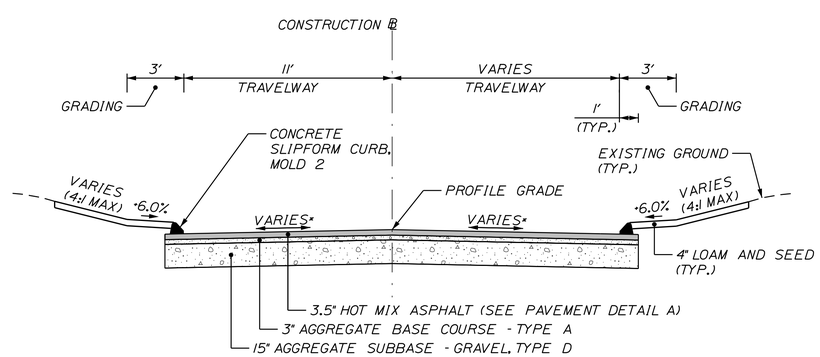
STA. 233+00 TO STA. 269+23



FLETCHER ROAD WEST
TYPICAL SECTION

STA. 400+16 TO STA. 400+90

* CROSS SLOPES ARE IN TRANSITION TO MATCH INTO THE MERROW ROAD PROFILE



FLETCHER ROAD EAST
TYPICAL SECTION

STA. 500+00 TO STA. 500+61

* CROSS SLOPES ARE IN TRANSITION TO MATCH INTO THE MERROW ROAD PROFILE

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
3. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
4. THE SHOULDER PAVEMENT THICKNESS SHALL BE THE SAME AS THE TRAVELWAY PAVEMENT THICKNESS FOR ALL ROADWAYS, UNLESS OTHERWISE NOTED.
5. SAWCUT LOCATIONS SHALL BE 2' INSIDE PROPOSED CURB OR EDGE OF EXISTING PAVEMENT, WHICHEVER IS CLOSEST TO THE CONSTRUCTION BASELINE. COORDINATE WORK WITH INSPECTOR.
6. BACK SLOPE ROUNDING SHALL BE ACCORDING TO MAINEDOT STANDARD DETAIL 203(03).
7. SLIPFORM CONCRETE CURB, MOLD 2, SHALL BE PLACED ON BASE PAVEMENT. THE SURFACE PAVEMENT SHALL BE PAVED UP TO THE FACE OF CURB.
8. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

NOT TO SCALE

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AUBURN, MAINE 04210

		BY	DATE
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CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

TYPICAL SECTIONS

SHEET NUMBER
2
OF 78

Filename: ...\00\Highway\002_Typicals01.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
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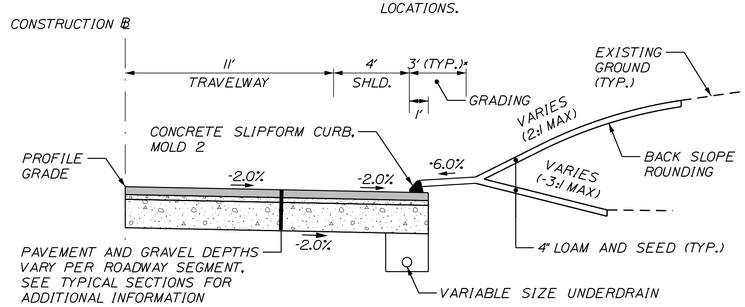
TYP. = TYPICAL
SHLD. = SHOULDER

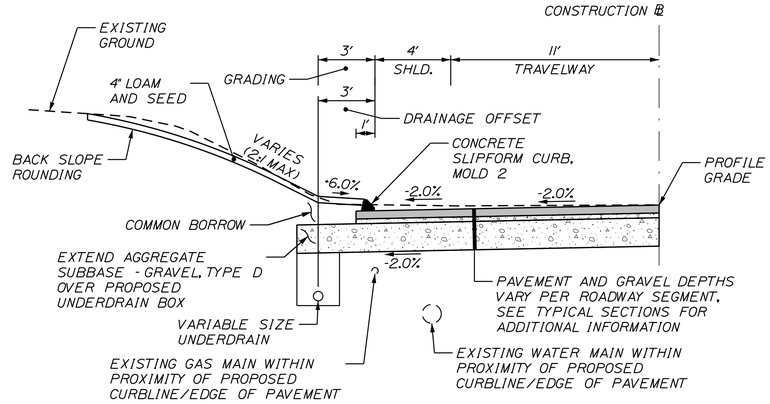
* 2' SNOW SHELF IN PARTICULAR LOCATIONS. SEE CROSS SECTIONS FOR SPECIFIC LOCATIONS.



SLIPFORM CONCRETE CURB WITH BACKSLOPE DETAIL

STA. 203+00 LT. TO STA. 204+25 LT.
STA. 211+58 LT. TO STA. 218+40 LT.
STA. 228+75 LT. TO STA. 233+20 LT.
STA. 235+80 LT. TO STA. 238+58 LT.
STA. 239+75 LT. TO STA. 240+50 LT.
STA. 268+50 LT. TO STA. 269+21 LT.

STA. 200+13 RT. TO STA. 400+90 RT.
STA. 201+90 RT. TO STA. 203+75 RT.
STA. 207+57 RT. TO STA. 209+10 RT.
STA. 211+17 RT. TO STA. 218+70 RT.
STA. 224+18 RT. TO STA. 227+73 RT.
STA. 229+80 RT. TO STA. 233+41 RT.
STA. 236+35 RT. TO STA. 237+25 RT.
STA. 250+39 RT. TO STA. 251+68 RT.
STA. 262+79 RT. TO STA. 267+91 RT.

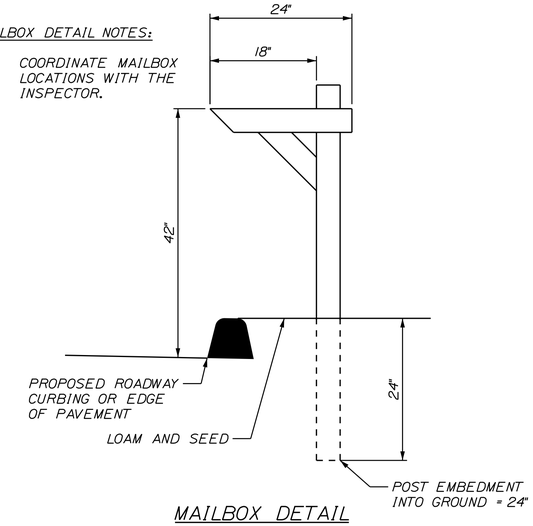


SLIPFORM CONCRETE CURB WITH DRAINAGE OFFSET DETAIL

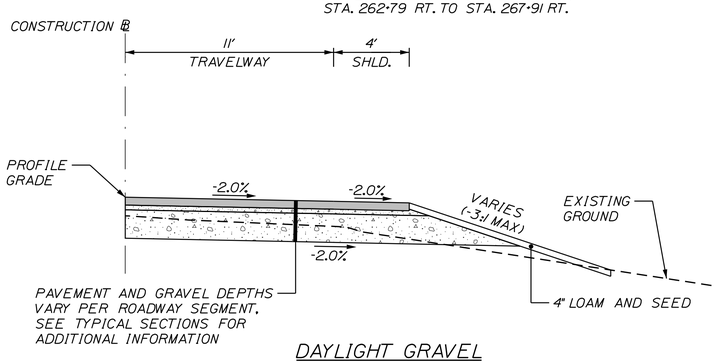
STA. 240+50 LT. TO STA. 241+92 LT.
STA. 263+59 LT. TO STA. 268+50 LT.

MAILBOX DETAIL NOTES:

1. COORDINATE MAILBOX LOCATIONS WITH THE INSPECTOR.



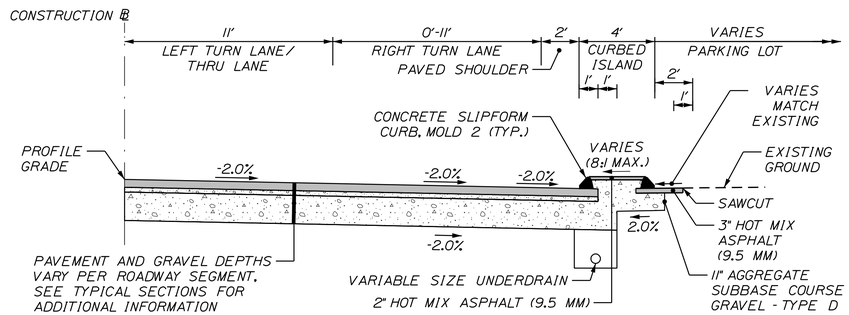
MAILBOX DETAIL



DAYLIGHT GRAVEL GRADING DETAIL

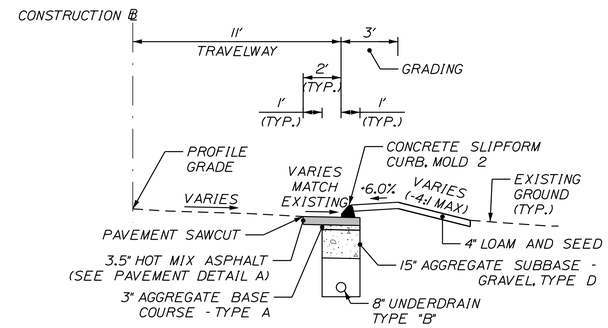
STA. 200+43 LT. TO STA. 201+20 LT.
STA. 205+15 LT. TO STA. 207+50 LT.
STA. 244+50 LT. TO STA. 246+96 LT.
STA. 262+02 LT. TO STA. 263+23 LT.

STA. 201+38 RT. TO STA. 201+90 RT.
STA. 204+25 RT. TO STA. 205+25 RT.
STA. 234+50 RT. TO STA. 235+77 RT.
STA. 237+25 RT. TO STA. 237+64 RT.



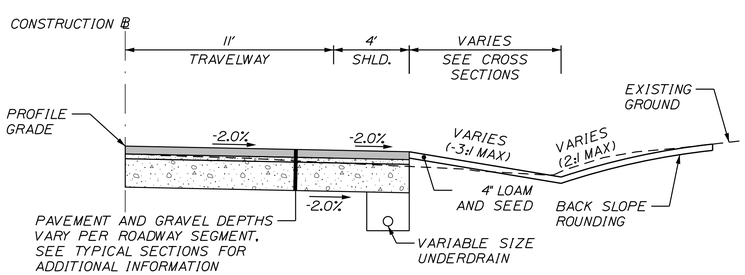
SLIPFORM CONCRETE CURB ISLAND DETAIL

STA. 268+03 RT. TO STA. 269+13 RT.



FLETCHER ROAD UNDERDRAIN INSTALLATION

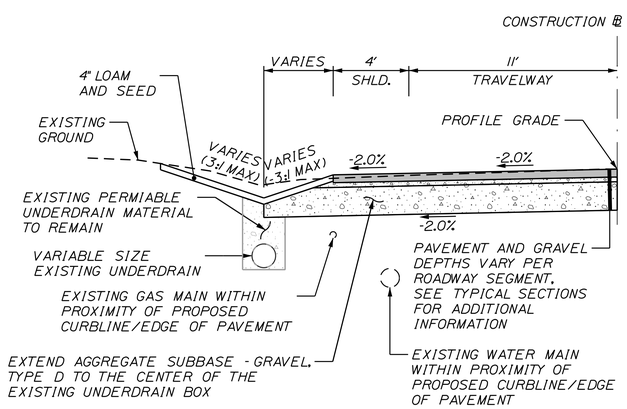
STA. 500+16 TO STA. 501+60



SHALLOW DITCH WITH UNDERDRAIN DETAIL

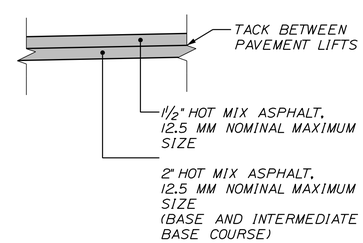
STA. 201+20 LT. TO STA. 202+63 LT.
STA. 204+25 LT. TO STA. 205+19 LT.
STA. 208+00 LT. TO STA. 208+93 LT.
STA. 209+25 LT. TO STA. 209+86 LT.
STA. 210+21 LT. TO STA. 211+13 LT.
STA. 218+40 LT. TO STA. 218+90 LT.
STA. 228+35 LT. TO STA. 228+75 LT.
STA. 239+25 LT. TO STA. 239+75 LT.
STA. 242+32 LT. TO STA. 243+07 LT.

STA. 207+00 RT. TO STA. 207+32 RT.
STA. 227+99 RT. TO STA. 228+25 RT.
STA. 228+50 RT. TO STA. 229+80 RT.
STA. 233+41 RT. TO STA. 233+73 RT.
STA. 239+10 RT. TO STA. 240+89 RT.
STA. 241+44 RT. TO STA. 249+71 RT.
STA. 252+77 RT. TO STA. 262+79 RT.



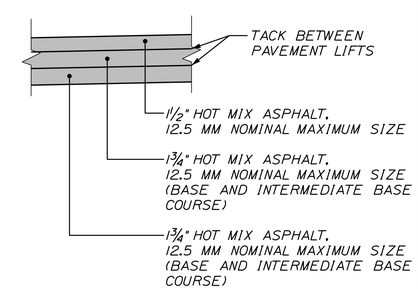
SUBBASE EXTENSION TO EXISTING UNDERDRAIN DETAIL

STA. 254+00 LT. TO STA. 262+02 LT.



PAVEMENT DETAIL A LOCAL ROAD

STA. 200+23 TO STA. 233+00



PAVEMENT DETAIL B INDUSTRIAL/COMMERCIAL ROAD AND KASSBOHRER WAY

STA. 233+00 TO STA. 269+23

NOT TO SCALE

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AUBURN
MERROW ROAD

DETAILS SHEET

SHEET NUMBER
3
OF 78

Filename: ...\00\Highway\003_Details.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\003_Details.dgn

DRIVEWAYS AND ENTRANCES

STATION	DESCRIPTION	OPENING
202+75, LT.	PAVED RESIDENTIAL ENTRANCE	38 FT
205+45, LT.	PAVED RESIDENTIAL ENTRANCE	51 FT
206+35, RT.	PAVED RESIDENTIAL ENTRANCE	39 FT
207+10, LT.	PAVED RESIDENTIAL ENTRANCE	36 FT
207+43, RT.	PAVED RESIDENTIAL ENTRANCE	25 FT
208+70, RT.	PAVED RESIDENTIAL ENTRANCE	26 FT
210+05, LT.	GRAVEL RESIDENTIAL ENTRANCE	32 FT
211+05, RT.	PAVED RESIDENTIAL ENTRANCE	26 FT
211+40, LT.	GRAVEL RESIDENTIAL ENTRANCE	39 FT
212+25, RT.	PAVED RESIDENTIAL ENTRANCE	26 FT
214+14, LT.	PAVED RESIDENTIAL ENTRANCE	26 FT
215+55, RT.	PAVED RESIDENTIAL ENTRANCE	26 FT
217+80, LT.	PAVED RESIDENTIAL ENTRANCE	42 FT
217+97, RT.	PAVED RESIDENTIAL ENTRANCE	35 FT
220+77, RT.	PAVED RESIDENTIAL ENTRANCE	41 FT
222+43, LT.	PAVED RESIDENTIAL ENTRANCE	34 FT
224+52, RT.	PAVED RESIDENTIAL ENTRANCE	24 FT
225+07, RT.	PAVED RESIDENTIAL ENTRANCE	23 FT
225+36, LT.	PAVED RESIDENTIAL ENTRANCE	35 FT
227+10, RT.	PAVED RESIDENTIAL ENTRANCE	23 FT
227+20, LT.	PAVED RESIDENTIAL ENTRANCE	33 FT
227+87, RT.	GRAVEL RESIDENTIAL ENTRANCE	24 FT
230+30, RT.	GRAVEL RESIDENTIAL ENTRANCE	25 FT
230+90, RT.	GRAVEL RESIDENTIAL ENTRANCE	24 FT
231+30, LT.	PAVED RESIDENTIAL ENTRANCE	25 FT
232+93, RT.	PAVED RESIDENTIAL ENTRANCE	25 FT
234+00, RT.	PAVED COMMERCIAL ENTRANCE	53 FT
236+15, RT.	PAVED COMMERCIAL ENTRANCE	58 FT
238+10, LT.	PAVED RESIDENTIAL ENTRANCE	49 FT
238+70, LT.	PAVED COMMERCIAL ENTRANCE	36 FT
241+15, RT.	KASSBOHRER WAY (SIDE ROAD)	58 FT
241+47, LT.	PAVED RESIDENTIAL ENTRANCE	31 FT
242+10, LT.	PAVED COMMERCIAL ENTRANCE	41 FT
242+15, RT.	PAVED COMMERCIAL ENTRANCE	57 FT
243+00, RT.	PAVED COMMERCIAL ENTRANCE	46 FT
243+50, LT.	PAVED COMMERCIAL ENTRANCE	78 FT
247+30, LT.	PAVED COMMERCIAL ENTRANCE	72 FT
250+00, LT.	PAVED COMMERCIAL ENTRANCE	27 FT
250+00, RT.	PAVED COMMERCIAL ENTRANCE	68 FT
250+75, RT.	PAVED COMMERCIAL ENTRANCE	42 FT
252+10, RT.	PAVED COMMERCIAL ENTRANCE	80 FT
253+40, LT.	PAVED COMMERCIAL ENTRANCE	67 FT
253+55, RT.	GRASSED FIELD ENTRANCE	44 FT
255+20, RT.	PAVED COMMERCIAL ENTRANCE	75 FT
255+90, RT.	PAVED COMMERCIAL ENTRANCE	75 FT
257+50, LT.	PAVED COMMERCIAL ENTRANCE	55 FT
258+30, RT.	PAVED COMMERCIAL ENTRANCE	67 FT
261+30, RT.	PAVED COMMERCIAL ENTRANCE	65 FT
262+60, LT.	PAVED COMMERCIAL ENTRANCE	78 FT
263+50, RT.	PAVED COMMERCIAL ENTRANCE	42 FT
264+60, RT.	PAVED RESIDENTIAL ENTRANCE	26 FT
265+40, RT.	PAVED RESIDENTIAL ENTRANCE	29 FT

WALKWAYS

STATION	DESCRIPTION
265+83, RT.	CONCRETE WALKWAY

ITEM 201.11 CLEARING

STA. 202+12 TO STA. 205+08, RT.
STA. 205+75 TO STA. 206+48, LT.
STA. 207+21 TO STA. 207+89, LT.
STA. 208+68 TO STA. 209+91, LT.
STA. 211+21 TO STA. 211+45, RT.
STA. 212+61 TO STA. 215+35, RT.
STA. 215+11 TO STA. 216+87, LT.
STA. 216+66 TO STA. 217+72, RT.
STA. 218+16 TO STA. 220+18, RT.
STA. 219+90 TO STA. 221+47, LT.
STA. 221+07 TO STA. 222+68, RT.
STA. 223+34 TO STA. 224+23, RT.
STA. 223+57 TO STA. 224+37, LT.
STA. 237+10 TO STA. 239+06, RT.
STA. 251+96 TO STA. 252+65, LT.
STA. 252+31 TO STA. 253+32, RT.
STA. 257+70 TO STA. 258+02, RT.
STA. 263+77 TO STA. 263+98, RT.

ITEM 201.23 REMOVING SINGLE TREE TOP ONLY	DESCRIPTION
STA. 208+10.26, 15.04' LT.	20" PINE
STA. 208+21.20, 14.39' LT.	20" PINE
STA. 218+22.98, 35.50' RT.	12" PINE
STA. 218+24.58, 36.19' RT.	22" PINE
STA. 227+57.94, 23.98' LT.	48" TREE
STA. 228+26.52, 32.37' RT.	12" TREE

ITEM 201.24 REMOVING STUMP	DESCRIPTION
STA. 208+10.26, 15.04' LT.	20" PINE
STA. 208+21.20, 14.39' LT.	20" PINE
STA. 218+22.98, 35.50' RT.	12" PINE
STA. 218+24.58, 36.19' RT.	22" PINE
STA. 227+57.94, 23.98' LT.	48" TREE
STA. 228+26.52, 32.37' RT.	12" TREE
STA. 230+07.60, 20.19' RT.	STUMP

ITEM 603.159 12 INCH CULVERT PIPE OPTION III	LF
CB6 TO CB6F	8.0
CB11 TO CB12	36.0
CB2 TO CB2F	9.0
CB4 TO CB4F	8.0

ITEM 603.16 15 INCH CULVERT PIPE OPTION I	LF
STA. 205+20.49, 23.33' LT. TO STA. 205+66.45, 24.10' LT.	46.0
STA. 206+14.85, 25.64' RT. TO STA. 206+54.88, 26.13' RT.	40.0
STA. 209+86.04, 22.03' LT. TO STA. 210+18.99, 20.65' LT.	33.0
STA. 220+59.75, 28.43' RT. TO STA. 220+98.29, 26.53' RT.	39.0
STA. 222+24.83, 24.66' LT. TO STA. 222+63.19, 24.24' LT.	38.0
STA. 225+18.64, 24.55' LT. TO STA. 225+61.32, 24.50' LT.	43.0
STA. 227+03.66, 23.77' LT. TO STA. 227+39.76, 24.43' LT.	36.0
STA. 233+74.86, 25.09' RT. TO STA. 234+33.90, 27.09' RT.	59.0

ITEM 603.169 15 INCH CULVERT PIPE OPTION III	LF
STA. 209+09.72, 31.06' LT. TO CB1	21.0
STA. 210+77.97, 25.00' RT. TO CB2	44.1

ITEM 603.179 18 INCH CULVERT PIPE OPTION III	LF
STA. 201+17.58, 30.84' LT. TO STA. 201+34.85, 30.81' RT.	64.0
STA. 206+51.52, 30.87' LT. TO STA. 206+72.36, 25.39' RT.	60.0
STA. 209+06.91, 30.03' LT. TO STA. 209+30.37, 25.20' RT.	60.0
STA. 224+10.99, 26.22' LT. TO STA. 224+11.01, 25.77' RT.	52.0
STA. 228+25.00, 25.86' LT. TO CB7	10.0
CB7 TO CB8	24.0
CB8 TO STA. 228+25.00, 26.14' RT.	11.0
STA. 235+65.00, 25.95' LT. TO STA. 235+65.00, 26.00' RT.	52.0
STA. 239+05.00, 24.26' LT. TO STA. 239+05.00, 25.74' RT.	50.0

ITEM 603.19 24 INCH CULVERT PIPE OPTION I	LF
STA. 243+22.38, 24.69' LT. TO STA. 244+06.30, 24.73' LT.	84.0
STA. 246+97.50, 29.00' LT. TO STA. 247+84.39, 29.82' LT.	87.0
STA. 249+80.07, 23.18' LT. TO STA. 250+23.28, 22.73' LT.	43.0

ITEM 603.199 24 INCH CULVERT PIPE OPTION III	LF
CB9 TO 252+32.89, 33.55' LT.	14.0
STA. 252+89.74, 33.40' LT. TO CB10	10.0
CB10 TO STA. 253+11.19, 23.90' LT.	12.0

ITEM 605.06 8" UD TYPE "B"	LF
STA. ±501+60.00, LT. TO STA. 269+14.28, 64.76' RT.	360±

ITEM 605.09 6" UD TYPE "B"	LF
STA. 201+44.60, LT. TO STA. 205+15.00, LT.	374.5
STA. 201+58.92, RT. TO STA. 204+25.00, RT.	268.0
STA. 207+10.23, RT. TO STA. 209+10.00, RT.	202.7
STA. 207+50.00, LT. TO STA. 208+84.53, LT.	137.6
CB5 TO STA. 218+65.00, LT.	430.6
CB6 TO STA. 218+73.02, RT.	296.1
STA. 224+18.50, RT. TO CB8	403.8
CB8 TO STA. 229+80.00, RT.	153.3
STA. 228+35.00, LT. TO STA. 233+40.48, LT.	505.4
STA. 229+95.00, RT. TO STA. 234+38.30, RT.	446.0
STA. 235+77.19, RT. TO STA. 237+33.93, RT.	159.6
STA. 235+79.99, LT. TO STA. 238+87.89, LT.	311.1
STA. 239+23.63, RT. TO STA. 240+88.55, RT.	168.4
STA. 239+25.00, LT. TO STA. 243+07.48, LT.	384.7
STA. 241+02.59, RT. TO STA. 252+29.03, RT.	1131.5
STA. 252+76.52, RT. TO STA. 262+80.00, RT.	1006.7
STA. 263+58.82, LT. TO STA. 268+50.00, LT.	493.2
CB12 TO STA. 266+68.66, RT.	382.0

ITEM 605.10 6" UD TYPE "B" OUTLET	LF
STA. 201+28.53, 29.98' LT. TO STA. 201+44.60, LT.	22.8
STA. 201+50.00, 22.72' RT. TO STA. 201+58.92, RT.	12.5
STA. 207+00.00, 24.10' RT. TO STA. 207+10.23, RT.	14.5
STA. 208+84.53, LT. TO STA. 209+00.00, 29.36' LT.	21.9
STA. 233+40.48, LT. TO STA. 233+50.00, 23.44' LT.	13.6
STA. 234+38.30, RT. TO STA. 234+50.00, 25.45' RT.	16.4
STA. 237+33.93, RT. TO STA. 237+50.00, 29.31' RT.	22.3
STA. 238+87.89, LT. TO STA. 239+00.00, 26.00' LT.	17.1
STA. 239+10.00, 27.50' RT. TO STA. 239+23.63, RT.	19.3
STA. 243+07.48, LT. TO STA. 243+13.20, 23.72' LT.	8.1
STA. 252+29.03, RT. TO STA. 252+43.35, 32.31' RT.	20.3
STA. 252+56.71, 36.83' RT. TO STA. 252+76.52, RT.	28.1
STA. 263+50.00, 26.83' LT. TO STA. 263+58.82, LT.	12.5

ITEM 605.11 12" UD TYPE "C"	LF
CB1 TO CB3	237
CB2 TO CB4	124
CB3 TO CB5	264
CB4 TO CB6	321

ITEM 604.09 CATCH BASIN TYPE B1

CB9 STA. 252+21.17, 23.41' LT. (WITH SOLID COVER)
CB10 STA. 253+00.80, 31.22' LT. (WITH SOLID COVER AND FLAT TOP)

ITEM 604.092 CATCH BASIN TYPE B1-C

CB1 STA. 209+25.00, 13.88' LT.
CB2 STA. 211+22.70, 13.88' RT.
CB3 STA. 211+65.00, 13.88' LT.
CB4 STA. 212+50.00, 13.88' RT.
CB5 STA. 214+33.10, 13.88' LT.
CB6 STA. 215+73.50, 13.88' RT.
CB7 STA. 228+25.00, 13.87' LT. (WITH FLAT TOP)
CB8 STA. 228+25.00, 13.87' RT. (WITH FLAT TOP)

ITEM 604.164 REBUILDING CATCH BASIN

CB11 STA. 262+85.07, 20.30' LT.

ITEM 604.18 ADJUSTING CATCH BASIN TO GRADE

STA. 200+32.23, 20.53' RT.

ITEM 604.243 CATCH BASIN TYPE F3-C

CB2F STA. 211+22.70, 13.88' RT.

ITEM 604.245 CATCH BASIN TYPE F4-C

CB4F STA. 212+50.00, 24.47' RT.

ITEM 604.247 CATCH BASIN TYPE F5-C

CB6F STA. 215+73.50, 24.00' RT.

ITEM 604.262 CATCH BASIN TYPE B5-C

CB12 STA. 262+85.07, 18.88' RT.

ITEM 610.08 - PLAIN RIPRAP

STATION	CY	DESCRIPTION
201+18, LT.	3.1	CULVERT END PROTECTION
201+29, LT.	0.5	UD OUTLET
201+35, RT.	1.8	CULVERT END PROTECTION
201+50, RT.	0.5	UD OUTLET
201+85, RT.	3.6	RIPRAP DOWNSPOUT
202+58, LT.	2.9	RIPRAP DOWNSPOUT
205+20, LT.	1.3	STONE DITCH PROTECTION
205+70, LT.	1.3	CULVERT END PROTECTION
206+10, RT.	1.3	CULVERT END PROTECTION
206+50, LT.	3.1	CULVERT END PROTECTION
206+50, RT.	1.3	CULVERT END PROTECTION
206+70, RT.	5.6	CULVERT END PROTECTION
207+00, RT.	0.5	UD OUTLET
207+27, RT.	6.1	RIPRAP DOWNSPOUT
209+00, LT.	0.5	UD OUTLET
209+05, LT.	5.0	CULVERT END PROTECTION
209+25, RT.	1.8	CULVERT END PROTECTION
209+80, LT.	1.3	CULVERT END PROTECTION
210+20, LT.	1.3	CULVERT END PROTECTION
210+78, RT.	2.1	CULVERT END PROTECTION
218+70, RT.	3.9	RIPRAP DOWNSPOUT
224+10, LT.	3.9	CULVERT END PROTECTION
224+10, RT.	2.2	CULVERT END PROTECTION
228+00, RT.	4.6	RIPRAP DOWNSPOUT
228+25, LT.	7.2	CULVERT END PROTECTION
228+25, RT.	4.4	CULVERT END PROTECTION
228+75, LT.	4.1	RIPRAP DOWNSPOUT
233+20, LT.	5.0	RIPRAP DOWNSPOUT
233+41, RT.	3.2	RIPRAP DOWNSPOUT
233+50, LT.	0.5	UD OULTET
233+70, RT.	1.3	CULVERT END PROTECTION
234+30, RT.	1.3	CULVERT END PROTECTION
234+50, RT.	0.6	UD OUTLET
235+65, LT.	1.9	CULVERT END PROTECTION
235+65, RT.	3.1	CULVERT END PROTECTION
237+25, RT.	6.0	RIPRAP DOWNSPOUT
237+50, RT.	0.5	UD OUTLET
239+00, LT.	0.5	UD OUTLET
239+00, LT.	7.0	RIPRAP DOWNSPOUT
239+05, LT.	1.9	CULVERT END PROTECTION
239+05, RT.	3.8	CULVERT END PROTECTION
239+10, RT.	0.6	UD OUTLET
239+75, LT.	3.6	RIPRAP DOWNSPOUT
242+37, LT.	5.3	RIPRAP DOWNSPOUT
243+22, LT.	2.2	CULVERT END PROTECTION
244+06, LT.	2.2	CULVERT END PROTECTION
246+98, LT.	2.2	CULVERT END PROTECTION
247+84, LT.	2.2	CULVERT END PROTECTION
249+80, LT.	1.3	CULVERT END PROTECTION
250+23, LT.	1.3	CULVERT END PROTECTION
252+33, LT.	5.3	CULVERT END PROTECTION
252+43, RT.	0.6	UD OUTLET
252+51, LT.	14.1	CULVERT END PROTECTION
252+51, RT.	14.1	CULVERT END PROTECTION
252+57, RT.	0.6	UD OUTLET
252+90, LT.	4.4	CULVERT END PROTECTION
263+50, LT.	0.5	UD OUTLET
264+72, LT.	1.1	RIPRAP DOWNSPOUT

ITEM 610.18 - STONE DITCH PROTECTION	CY
STA. 201+20 TO STA. 202+62, LT.	34.3
STA. 208+90 TO STA. 209+28, RT.	9.7
STA. 212+52 TO STA. 212+62, RT.	2.4
STA. 218+73 TO STA. 220+60, RT.	46.2
STA. 218+90 TO STA. 222+25, LT.	83.4
STA. 220+98 TO STA. 224+08, RT.	78.0
STA. 222+63 TO STA. 224+09, LT.	35.7
STA. 224+13 TO STA. 225+19, LT.	27.8
STA. 225+61 TO STA. 227+04, LT.	35.6
STA. 227+40 TO STA. 228+23, LT.	20.6
STA. 228+02 TO STA. 228+23, RT.	5.3
STA. 233+23 TO STA. 233+50, LT.	6.8
STA. 235+50 TO STA. 235+63, LT.	3.2
STA. 239+07 TO STA. 239+50, RT.	10.8
STA. 243+00 TO STA. 243+20, LT.	5.1
STA. 252+00 TO STA. 252+28, LT.	6.8

ITEM 606.1301 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE - SINGLE FACED	LF
STA. 252+27.88, LT. TO STA. 253+00.00, LT.	71.875
STA. 252+44.56, RT. TO STA. 253+31.77, RT.	87.5

ITEM 606.1303 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE, 15' RADIUS AND LESS LOCATION	RAD	LF
STA. 253+00.00, 15.00' LT. TO STA. 253+15.04, 31.41' LT.	15	25
STA. 253+31.77, 15.00' RT. TO STA. 253+46.66, 31.45' RT.	15	25

ITEM 606.1304 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE, OVER 15' RADIUS LOCATION	RAD	LF
STA. 252+22.95, 39.99' RT. TO STA. 252+44.56, 15.00' RT.	22	37.5

ITEM 606.1305 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL

STA. 251+90.46, LT. TO STA. 252+27.88, LT.

ITEM 606.259 - ANCHORAGE ASSEMBLY

STA. 252+22.95, 39.99' RT.
STA. 253+15.04, 31.41' LT.

ITEM 606.265 - TERMINAL END-SINGLE RAIL - GALVANIZED STEEL

STA. 252+22.95, 39.99' RT.
STA. 253+15.04, 31.41' LT.
STA. 253+46.66, 31.45' RT.

ITEM 606.353 - REFLECTORIZED FLEXIBLE GUARDRAIL MARKER

STATION	UNIT
STA. 252+22.95, RT.	2 EA
STA. 252+27.88, LT.	2 EA
STA. 253+15.04, LT.	2 EA
STA. 253+46.66, RT.	2 EA

ITEM 606.356 - UNDERDRAIN DELINEATOR POST

STA. 201+28.53, LT.
STA. 201+50.00, RT.
STA. 207+00.00, RT.
STA. 209+00.00, LT.
STA. 233+50.00, LT.
STA. 234+50.00, RT.
STA. 237+50.00, RT.
STA. 239+00.00, LT.
STA. 239+10.00, RT.
STA. 243+13.20, LT.
STA. 252+43.35, RT.
STA. 252+56.71, RT.
STA. 263+50.00, LT.

ITEM 606.47 - SINGLE WOOD POST

PROPOSED LOCATIONS ARE APPROXIMATE AND TO BE APPROVED BY THE INSPECTOR

STA. 201+22, RT.
STA. 205+63, LT.
STA. 206+30, LT.
STA. 207+28, LT.
STA. 208+46, LT.
STA. 212+14, LT.
STA. 215+44, LT.
STA. 222+26, LT.
STA. 224+43, LT.
STA. 225+23, LT.
STA. 232+81, LT.
STA. 240+42, LT.
STA. 241+73, LT.
STA. 264+56, LT.
STA. 265+91, LT.

ITEM 606.51 - MULTIPLE MAILBOX SUPPORT

PROPOSED LOCATIONS ARE APPROXIMATE AND TO BE APPROVED BY THE INSPECTOR

STA. 203+10, LT.
STA. 211+58, LT.
STA. 217+58, LT.
STA. 227+36, LT.
STA. 230+77, LT.
STA. 237+83, LT.

ITEM 607.24 REMOVE AND RESET FENCE	LF
STA. 212+10.62, 26.81' RT. TO STA. 212+15.09, 33.74' RT.	8.3
STA. 212+33.84, 34.07' RT. TO STA. 212+36.86, 26.00' RT.	8.6
STA. 241+85.59, 19.49' LT. TO STA. 241+92.60, 23.33' LT.	8.0
STA. 242+23.77, 28.02' LT. TO STA. 242+29.12, 19.56' LT.	10.0
STA. 230+52.14, 17.01' RT. TO STA. 230+52.51, 27.00' RT.	10.0

ITEM 613.319 - EROSION CONTROL BLANKET	SY
STA. 204+75 TO STA. 205+19, LT.	29
STA. 205+50 TO STA. 206+13, RT.	42
STA. 205+53 TO STA. 206+00, LT.	38
STA. 206+56 TO STA. 207+19, RT.	38
STA. 208+00 TO STA. 208+93, LT.	65
STA. 209+32 TO STA. 210+86, RT.	108
STA. 209+75 TO STA. 209+84, LT.	7
STA. 210+21 TO STA. 211+13, LT.	62
STA. 212+41 TO STA. 212+50, RT.	8
STA. 214+94 TO STA. 215+75, LT.	55
STA. 215+74 TO STA. 216+15, RT.	27
STA. 228+27 TO STA. 228+75, LT.	33
STA. 228+94 TO STA. 229+75, RT.	55
STA. 233+44 TO STA. 233+73, RT.	29
STA. 233+50 TO STA. 235+50, LT.	134
STA. 235+65, RT.	5
STA. 235+67 TO STA. 235+83, LT.	11
STA. 237+00 TO STA. 237+25, RT.	17
STA. 237+28 TO STA. 237+33, RT.	7
STA. 237+44 TO STA. 237+50, RT.	7
STA. 237+64 TO STA. 239+03, RT.	93
STA. 239+07 TO STA. 239+72, LT.	43
STA. 239+50 TO STA. 240+75, RT.	84
STA. 242+44 TO STA. 243+00, LT.	38
STA. 244+08 TO STA. 244+50, LT.	29
STA. 246+25 TO STA. 246+96, LT.	47
STA. 247+86 TO STA. 249+78, LT.	128
STA. 250+25 TO STA. 252+00, LT.	117
STA. 252+38 TO STA. 252+47, LT.	6
STA. 252+52 TO STA. 252+82, LT.	19
STA. 254+00 TO STA. 257+21, LT.	214
STA. 257+80 TO STA. 262+03, LT.	268
STA. 263+23 TO STA. 264+69, LT.	99

ITEM 672.11 - REMOVE AND RESET CONCRETE BLOCK RETAINING WALL LOCATION	SF
STA. 202+99.31, 30.53' LT. TO STA. 203+03.98, 18.00' LT.	80

GORRILL PALMER
An LJB Engineering Company
Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

CONSTRUCTION NOTES

SHEET NUMBER
4
OF 78

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\004_Construction Notes.dgn Filename: ...\004_Construction Notes.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

GENERAL NOTES

1. THE CLEARING AND SELECTIVE CLEARING AND THINNING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING AND THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE INSPECTOR.

2. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE INSPECTOR.

3. REMOVAL OF EXISTING DRAINAGE, AS NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20, COMMON EXCAVATION.

4. PAYMENT FOR PAVEMENT AND CONCRETE REMOVAL WHERE SHOWN ON PLANS SHALL BE PAID FOR UNDER ITEM 203.20, COMMON EXCAVATION.

5. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE INSPECTOR.

6. ALL DITCH ELEVATIONS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISH DITCH FLOW LINE.

7. THE CONTRACTOR SHALL PLAN AND CONDUCT WORK SO THAT UPON COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF THE SHOULDER PAVEMENT.

8. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE FILL SIDE SLOPES WITHOUT GUARDRAIL UNLESS OTHERWISE NOTED ON THE PLANS.

9. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE INSPECTOR. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.

10. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE INSPECTOR.

11. EXISTING INSLOPES IN PROPOSED FILL AREAS SHALL BE BENCHED BY EXCAVATING STEPS OF SUFFICIENT WIDTH TO PERMIT PLACING AND COMPACTING THE FILL MATERIAL ALONG WITH THE MATERIAL REMOVED.

12. ANY NECESSARY FINE GRADING OR RECOMPACTION OF EXISTING GRAVEL SHALL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED INCIDENTAL TO ITEM 304.14.

13. PAVEMENT CUT LINES SHALL BE NEAT, CLEAN AND STRAIGHT AS DIRECTED BY THE INSPECTOR. PAYMENT FOR CUTTING OF EXISTING PAVEMENT SHALL BE CONSIDERED INCIDENTAL TO 403 ITEMS.

14. THE PLACEMENT OF BITUMINOUS PAVING MATERIALS SHALL BE SUBJECT TO ALL OF THE WEATHER AND SEASONAL LIMITATIONS OUTLINED IN MAINEDOT STANDARD SPECIFICATIONS.

15. PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT AND 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.

16. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.

17. GRASS ENTRANCES SHALL BE CONSTRUCTED WITH 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 2 INCHES OF LOAM, SEEDED & MULCHED UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.

18. A 3-FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.

19. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS. THIS INCLUDES KILLING AND REMOVAL OF ALL VEGETATIVE MATTER.

20. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW-SIDE SHOULDER, THE LOW-SIDE SHOULDER WILL HAVE SAME SLOPE AS THE TRAVELWAY.

21. CROSS SLOPES FOR NORMAL AND SUPERELEVATED SECTIONS WILL BE STRAIGHT UNLESS OTHERWISE DIRECTED BY THE CITY.

22. THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.

23. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE INSPECTOR. PAYMENT SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

24. CATCH BASIN AND RIM ELEVATIONS NOTED ON THE CROSS SECTIONS ARE THE TOP OF GRATE ELEVATIONS AT THE CENTER OF THE GRATE. CATCH BASIN OFFSET LOCATIONS ARE MEASURED TO THE CENTER OF GRATE.

25. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE INSPECTOR.

26. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19 AND WILL BE PAID FOR AS GRANULAR BORROW.

27. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE INSPECTOR.

28. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH-LINED PIPES.

29. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE INSPECTOR.

30. PLASTIC END CAPS SHALL BE PLACED ON THE INLET END OF ALL DEAD-END 6-INCH AND 8-INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL TO THE RESPECTIVE ITEM.

31. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPERATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 604, MANHOLES, INLETS AND CATCH BASINS.

32. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 603, PIPE CULVERTS AND STORM DRAINS OR STANDARD SPECIFICATIONS SECTION 605, UNDERDRAINS.

33. A 3-FOOT BY 3-FOOT SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT EACH UNDERDRAIN OUTLET.

34. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR. COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.

35. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356, UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

36. BACKING UP CONCRETE SLIPFORM CURB IS INCIDENTAL TO THE CURB ITEMS. IN AREAS WHERE CONCRETE SLIPFORM CURB IS DESIGNATED TO REPLACE EXISTING, THE REMOVAL OF THE CURB SHALL BE INCIDENTAL TO THE NEW CURB. IF CALLED FOR ON THE PLANS OR DIRECTED BY THE INSPECTOR, LOAM WILL BE PAID FOR SEPARATELY.

37. REMOVAL OF EXISTING CURBING SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 - COMMON EXCAVATION.

38. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL OTHER AREAS.

39. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.

40. MULCH SHALL BE APPLIED IN AREAS SEEDED.

41. ACRYLIC LATEX COLOR FINISH GREEN (STANDARD SPECIFICATIONS ITEM 658.20, ACRYLIC LATEX COLOR FINISH) SHALL BE PLACED ON ALL PAVED ISLANDS.

42. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES.

43. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

44. CONTRACTOR SHALL INSTALL NEW MAILBOX POSTS AS REQUIRED FOR THE PROJECT. LOCATION OF NEW MAILBOX POSTS SHALL BE COORDINATED WITH THE INSPECTOR AND APPLICABLE PROPERTY OWNERS. MAILBOX POSTS SHALL BE PAID UNDER ITEM 606.47 - SINGLE WOOD POST.

45. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING OPERATIONAL BUSINESS DIRECTIONAL SIGNS (OBDS) TO ENSURE THAT THEY ARE VISIBLE TO THE TRAVELING PUBLIC. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

46. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE INSPECTOR. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.

47. PROPERTY LINE AND R.O.W. MONUMENTS SHALL NOT BE DISTURBED BY CONSTRUCTION. IF DISTURBED, THEY SHALL BE RESET TO THEIR ORIGINAL LOCATIONS AT THE CONTRACTOR'S EXPENSE, BY A MAINE PROFESSIONAL LAND SURVEYOR.

48. THE PROJECT'S GEOTECHNICAL REPORT TITLED ROADWAY EVALUATION - MERROW ROAD, AUBURN MAINE - DECEMBER 9, 2020 CAN BE ACCESSED IN APPENDIX A OF THE BID BOOK.

49. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BID DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. THE CITY OF AUBURN WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.

50. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.

51. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

52. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE INSPECTOR.

53. STATIONS REFERENCED ARE APPROXIMATE.

54. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

55. ALL PROPOSED WORK SHALL BE IN CONFORMANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", "STANDARD HIGHWAY SIGNS", U.S.D.O.T., AND F.H.W.A., LATEST EDITION.

56. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, LATEST EDITION.

57. ALL WORK TO CONFORM TO CURRENT MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD DETAILS, AND CITY OF AUBURN REQUIREMENTS.

58. THE CITY OF AUBURN SHALL HAVE THE RIGHT AND AUTHORITY TO DETERMINE THE ACCEPTIBILITY OF WORK AND MATERIALS IN PROGRESS OR COMPLETED. THE CITY OF AUBURN AND THE INSPECTOR SHALL HAVE THE RIGHT TO REJECT ANY WORK OR MATERIALS WHICH DO NOT CONFORM, IN ITS SOLE OPINION, TO THE PLANS.

59. THE CONTRACTOR SHALL SUBMIT A PLAN TO CONTROL TRAFFIC DURING CONSTRUCTION TO THE CITY OF AUBURN FOR APPROVAL, CONFORMING TO THE FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", MOST CURRENT EDITION.

60. THE CONTRACTOR SHALL PROVIDE THE CITY OF AUBURN AND THE INSPECTOR WITH A SCHEDULE OF WORK FOR CONSTRUCTING THE IMPROVEMENTS AND AN EMERGENCY CONTACT LIST.

61. CONTRACTOR SHALL SUBMIT EROSION CONTROL PLANS TO THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION. COORDINATE WORK WITH INSPECTOR.

62. CONSTRUCTION SHALL NOT COMMENCE UNTIL AUTHORIZED BY THE CITY OF AUBURN.

63. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS PRIOR TO BIDDING.

64. 6" UNDERDRAIN IS RECOMMENDED IN POORLY DRAINED SUBGRADE AREAS. LOCATIONS OF PROPOSED UNDERDRAIN ARE SHOWN ON THE PLANS. CONTRACTOR SHALL COORDINATE WITH THE INSPECTOR ON ANY POORLY DRAINED SUBGRADE LOCATIONS WHERE UNDERDRAIN IS NOT PROPOSED OR ANY WELL DRAINED SUBGRADE LOCATIONS WHERE UNDERDRAIN IS PROPOSED. ADJUSTMENTS TO PROPOSED UNDERDRAIN LOCATIONS MAY RESULT.

65. THE UTILITIES INVOLVED IN THIS CONTRACT ARE NOTED IN SPECIAL PROVISION 104.

66. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITY UNLESS OTHERWISE NOTED.

67. THE LOCATION OF THE EXISTING UTILITIES AND DRAINAGE SHOWN ON THE PLANS WERE COMPILED FROM FIELD SURVEY. LOCATIONS ARE APPROXIMATE AND NOT GUARANTEED TO BE ACCURATE, NOR IS IT GUARANTEED THAT ALL UTILITIES ARE SHOWN. NO SEPARATE OR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR DUE TO ANY VARIANCE BETWEEN THE DATA SHOWN ON THE PLANS AND THE ACTUAL FIELD CONDITIONS ENCOUNTERED.

68. REMOVAL OF ANY EXISTING UTILITY POLES BY THE CONTRACTOR AS NOTED IN THE PLANS SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20, COMMON EXCAVATION, AND SHALL NOT BE PAID FOR SEPERATELY.

69. GUARDRAIL PLACED OVER THE LARGE CULVERT SHALL BE PLACED IN CONCRETE PER MAINEDOT STANDARD DETAIL 606(22).

70. FOR INFORMATION REGARDING CELLAR DRAIN CONNECTIONS SEE STANDARD DETAIL 802(18).

71. PRIOR TO SURFACE PAVING, EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER STANDARD SPECIFICATIONS ITEM 631.32, CULVERT CLEANER (INCLUDING OPERATOR).

72. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.

73. HOLES CREATED BY GUARDRAIL REMOVAL WILL BE FILLED AND COMPACTED WITH APPROVED MATERIALS AS DIRECTED BY THE INSPECTOR. PAYMENT WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606, GUARDRAIL.

74. ALL EXISTING GUARDRAIL REMOVED AND NOT REUSED ON THE PROJECT WILL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

75. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.

76. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356, UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

77. THE AUBURN WATER AND SEWERAGE DISTRICT IS COMPLETING TEST PITS AT 14 LOCATIONS WITHIN THE PROJECT LIMITS. TEST PIT INFORMATION WILL BE MADE AVAILABLE TO THE CONTRACTOR EITHER AS A BID ADDENDUM DURING THE BID PROCESS OR POST BID. SEE SP104 FOR SPECIFIC TEST PIT LOCATIONS.

PRECAST CONCRETE BOX CULVERT NOTES:

1. TEMPORARY STOCKPILES SHALL NOT BE LOCATED WITHIN 100 FEET OF THE POND.

2. STREAM BYPASS SHOWN ON PLAN IS AN EXAMPLE. CONTRACTOR SHALL SUBMIT DEWATERING AND CHANNEL BYPASS PLAN TO INSPECTOR FOR REVIEW AND APPROVAL PRIOR TO START OF CONSTRUCTION.

3. ALL INSTREAM WORK SHALL BE COMPLETED BETWEEN JULY 15 AND SEPTEMBER 30.

4. PRECAST UNITS SHALL BE DESIGNED TO CARRY CONSTRUCTION LOADINGS WITH A MINIMUM FILL COVER OF 18 INCHES OVER THE TOP OF THE UNITS.

5. THE PRECAST CONCRETE BOX CULVERT SHALL BE BEDDED ON A 1 FOOT LAYER OF COMPACTED GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL.

6. A "CLAMSHELL" PRECAST CONCRETE BOX CULVERT WILL BE USED. HORIZONTAL SEAM WILL BE AT THE TOP OF THE BOX.

7. CONSTRUCTION, HANDLING, AND ASSEMBLY OF THE PRECAST UNITS SHALL BE IN ACCORDANCE WITH THE STANDARD SPECIFICATION 534 AND THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.

8. INSTALL SHEET MEMBRANE WATERPROOFING OVER THE TOP AND 12 INCHES DOWN THE EXTERIOR SIDES OF THE PRECAST UNITS WITHIN THE LIMITS OF THE BACKFILL OVER THE TOP OF THE STRUCTURE.

9. RIPRAP SHALL BE 20" DEEP AND SHALL BE USED TO INSLOPE AROUND THE PRECAST CONCRETE BOX CULVERT ENDS AT BOTH THE INLET AND OUTLET. SEE PLAN FOR LOCATIONS.

10. RIPRAP SHALL BE PLACED SO AS TO NOT DAMAGE THE NEW PRECAST CONCRETE BOX CULVERT STRUCTURE.

11. REMOVAL OF THE EXISTING CULVERT SHALL BE CONSIDERED INCIDENTAL TO ITEM NO. 534.71. THE EXISTING PIPE SHALL BECOME PROPERTY OF THE CONTRACTOR.

12. ALL REBAR IS INCIDENTAL TO ITEM NO. 534.71 PRECAST CONCRETE BOX CULVERT.

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

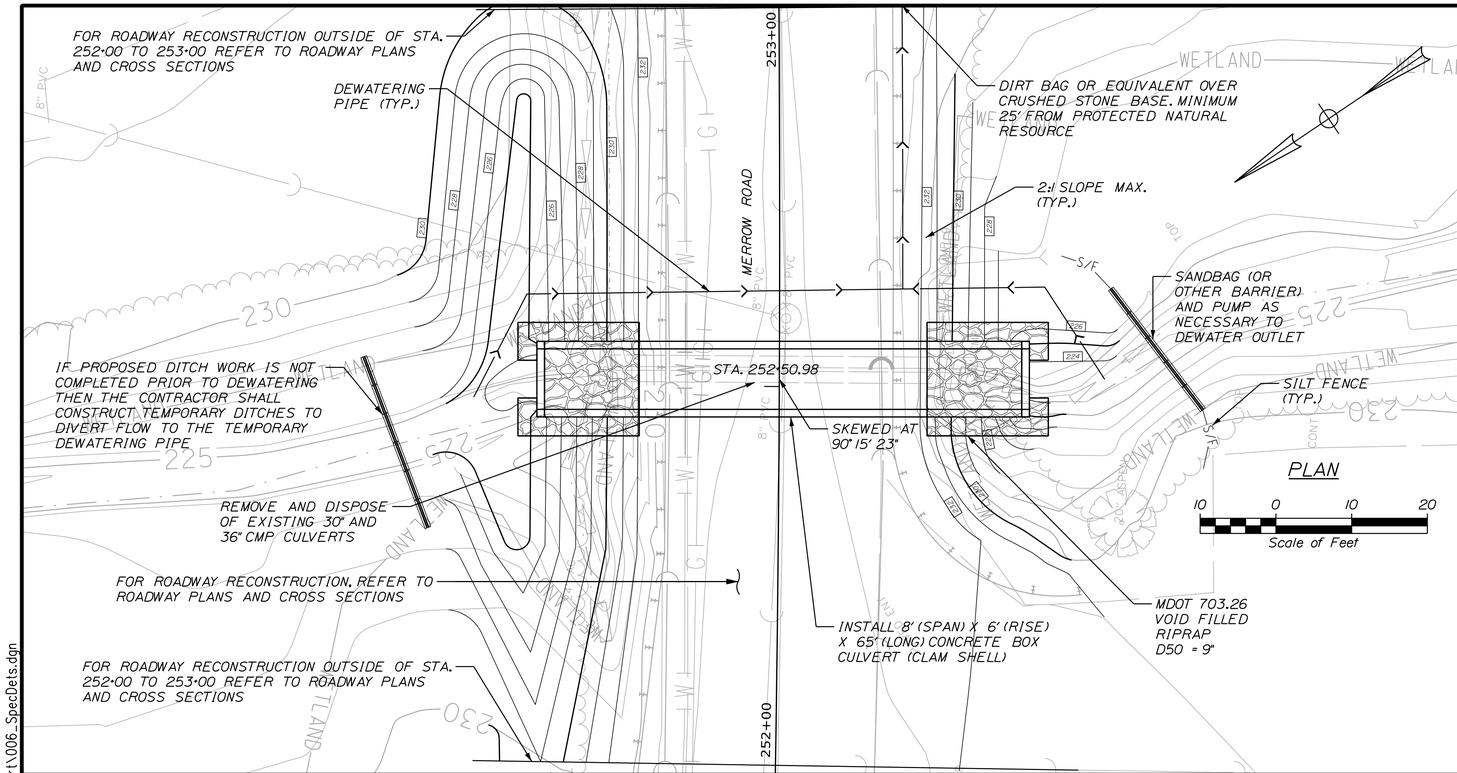
DATE

AUBURN
MERROW ROAD

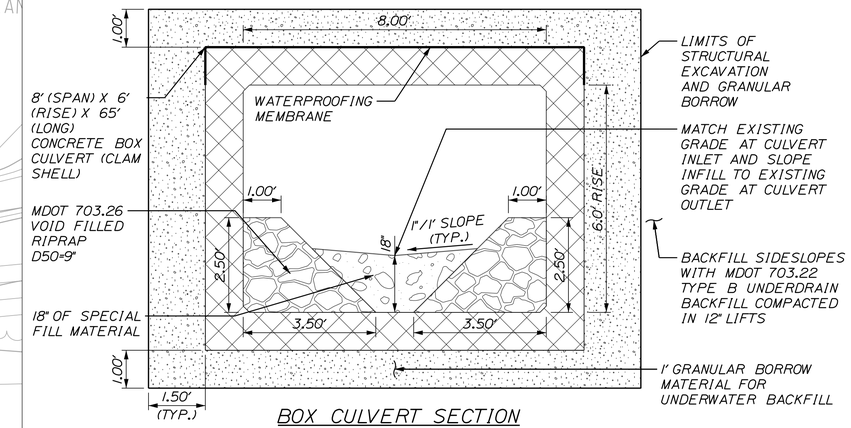
GENERAL NOTES

SHEET NUMBER
5
OF 78

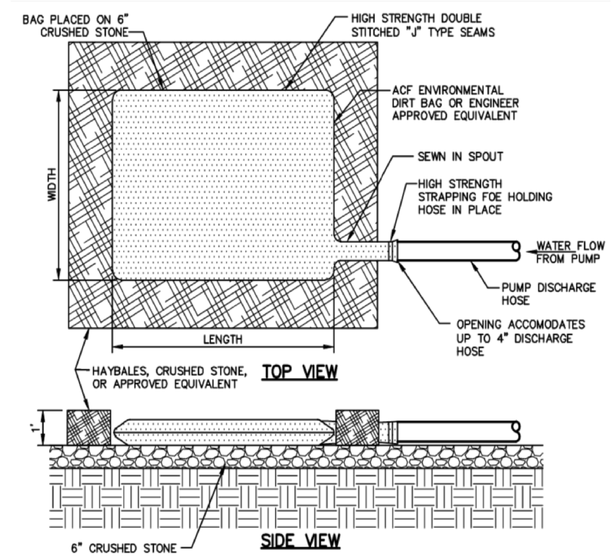
Filename: ...\00\Highway\005_GenNotes.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\005_GenNotes.dgn



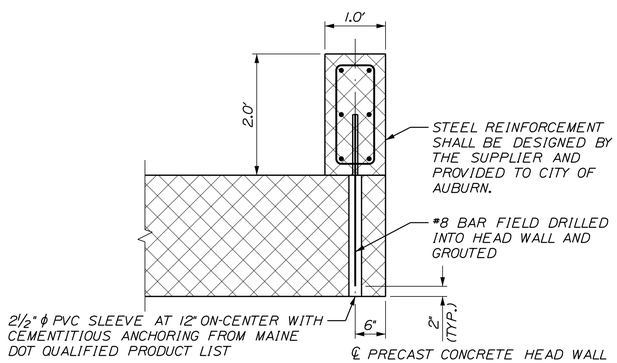
PLAN VIEW



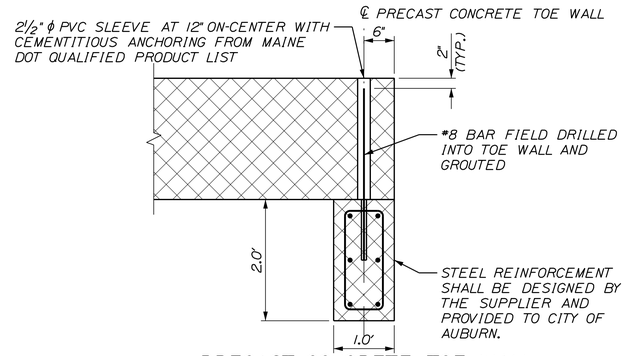
BOX CULVERT SECTION
PERRENIAL STREAM CROSSING



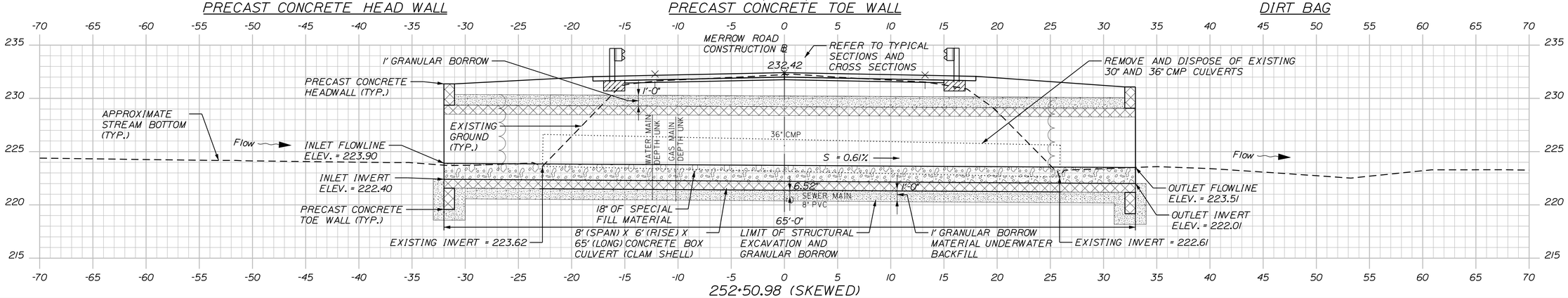
DIRT BAG



PRECAST CONCRETE HEAD WALL



PRECAST CONCRETE TOE WALL



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. LEKOUSI	E. ROBINSON	02\25
CHECKED-REVIEWED	B. SHAW	R. BARNES	02\25
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

SPECIAL DETAILS - CULVERT

SHEET NUMBER
6
OF 78

Filename: ...\006_SpecDets.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\Special Sheets\SpecialDetail- Large Culvert\006_SpecDets.dgn

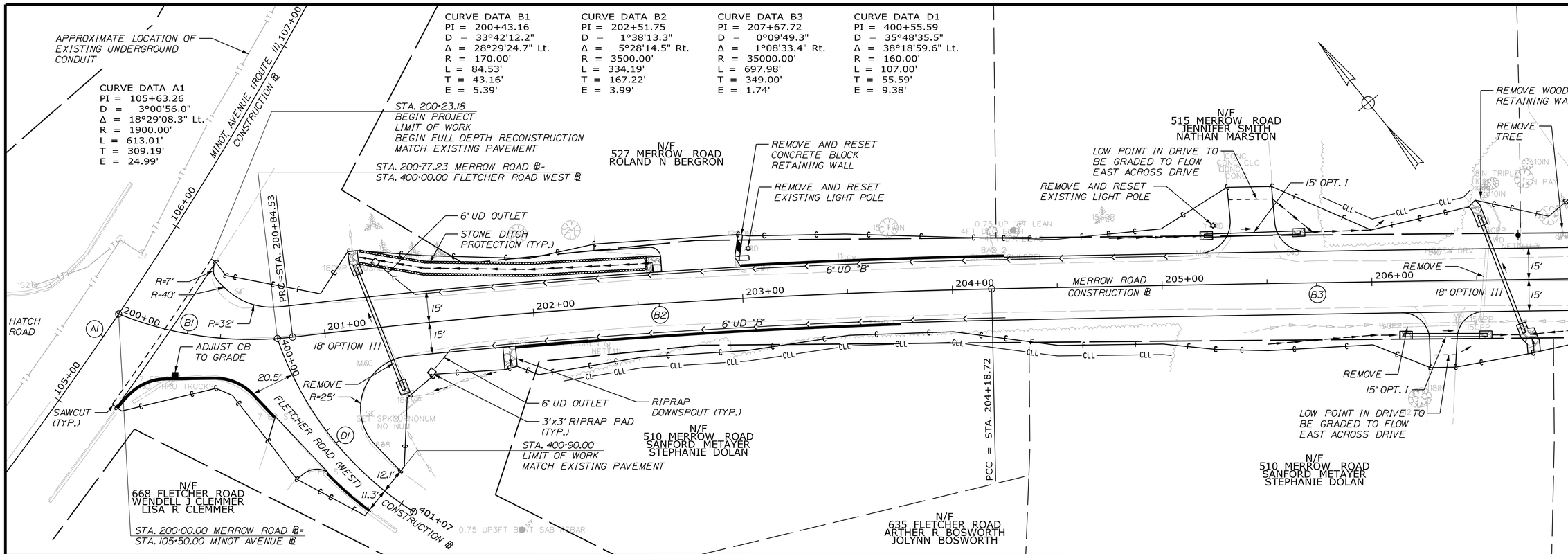
CURVE DATA A1
PI = 105+63.26
D = 3°00'56.0"
Δ = 18°29'08.3" Lt.
R = 1900.00'
L = 613.01'
T = 309.19'
E = 24.99'

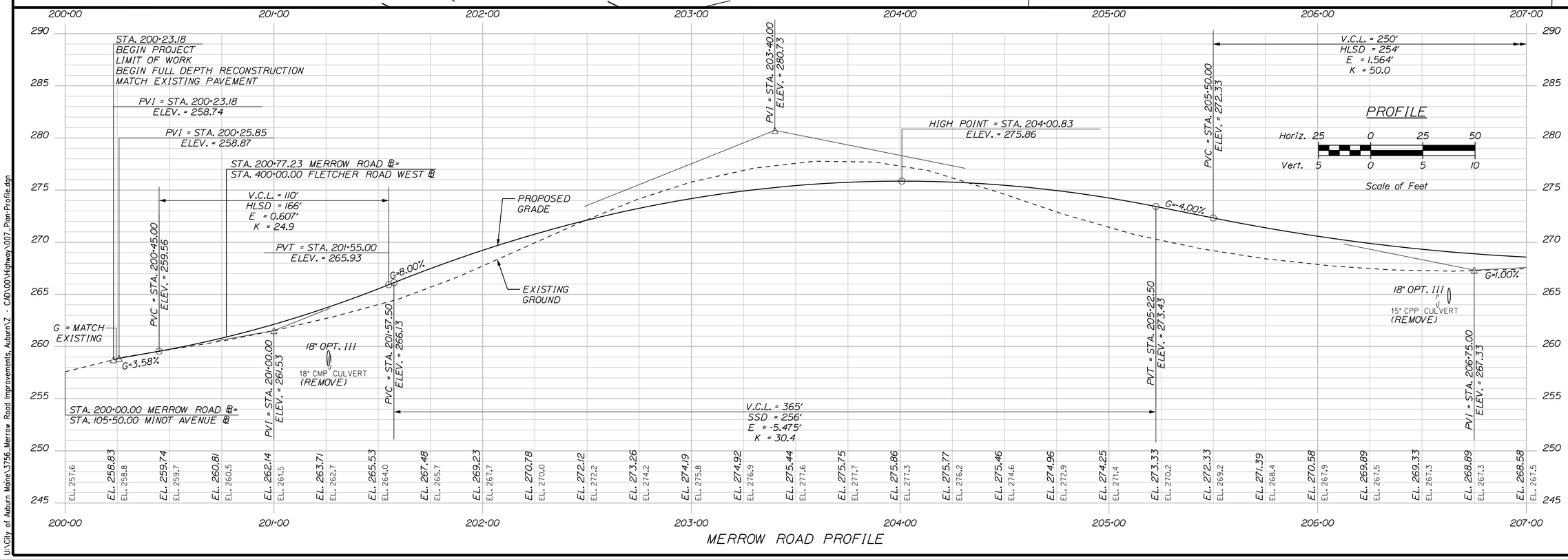
CURVE DATA B1
PI = 200+43.16
D = 33°42'12.2"
Δ = 28°29'24.7" Lt.
R = 170.00'
L = 84.53'
T = 43.16'
E = 5.39'

CURVE DATA B2
PI = 202+51.75
D = 1°38'13.3"
Δ = 5°28'14.5" Rt.
R = 3500.00'
L = 334.19'
T = 167.22'
E = 3.99'

CURVE DATA B3
PI = 207+67.72
D = 0°09'49.3"
Δ = 1°08'33.4" Rt.
R = 35000.00'
L = 697.98'
T = 349.00'
E = 1.74'

CURVE DATA D1
PI = 400+55.59
D = 35°48'35.5"
Δ = 38°18'59.6" Lt.
R = 160.00'
L = 107.00'
T = 55.59'
E = 9.38'





CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	"	"	"
DESIGN3-DETAILED3	"	"	"
REVISIONS 1	"	"	"
REVISIONS 2	"	"	"
REVISIONS 3	"	"	"
REVISIONS 4	"	"	"
FIELD CHANGES	"	"	"

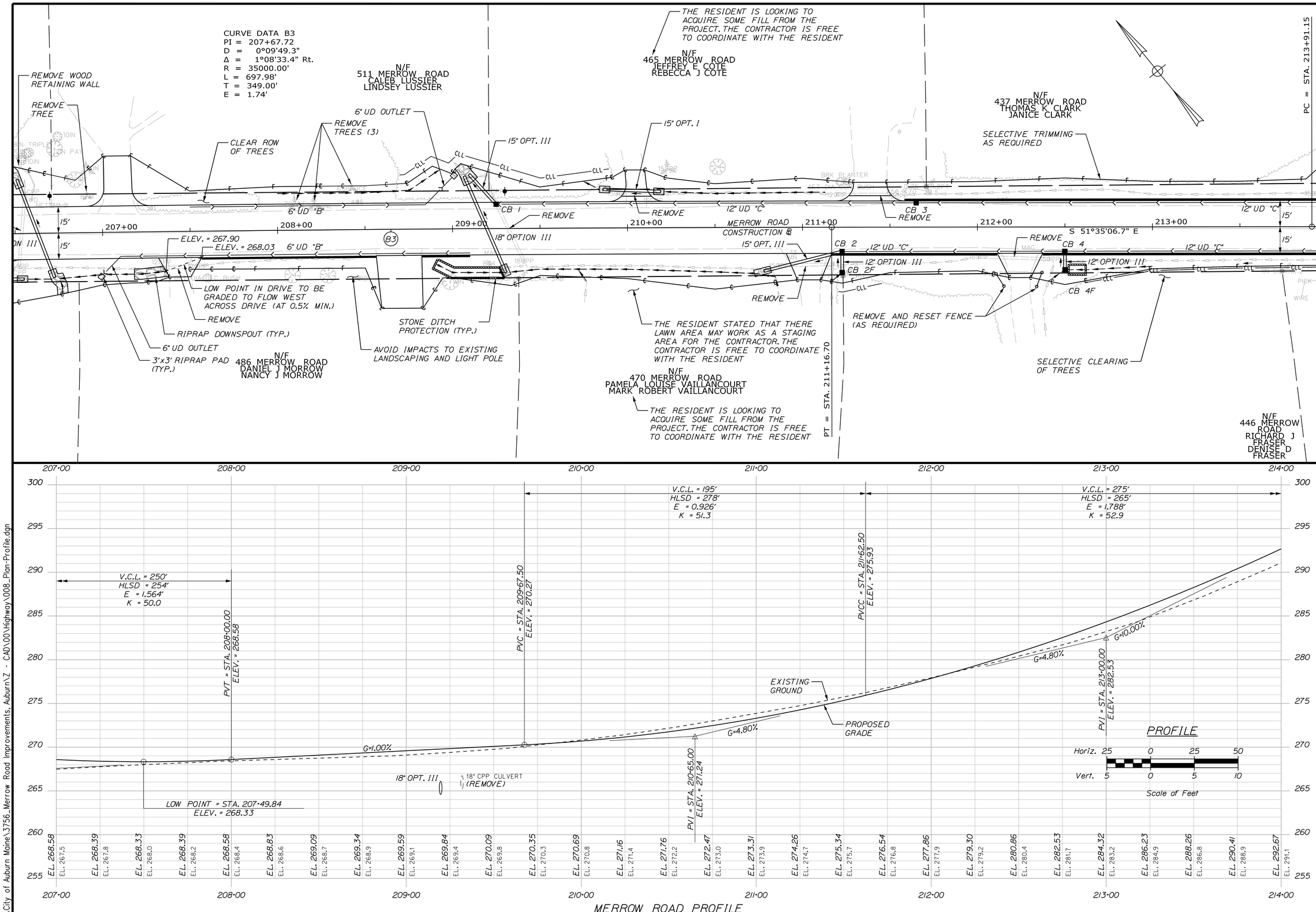
SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

PLAN/PROFILE SHEETS

SHEET NUMBER
7
OF 78

Filename: ...\Highway\007_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\007_Plan-Profile.dgn



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

PLAN/PROFILE SHEETS

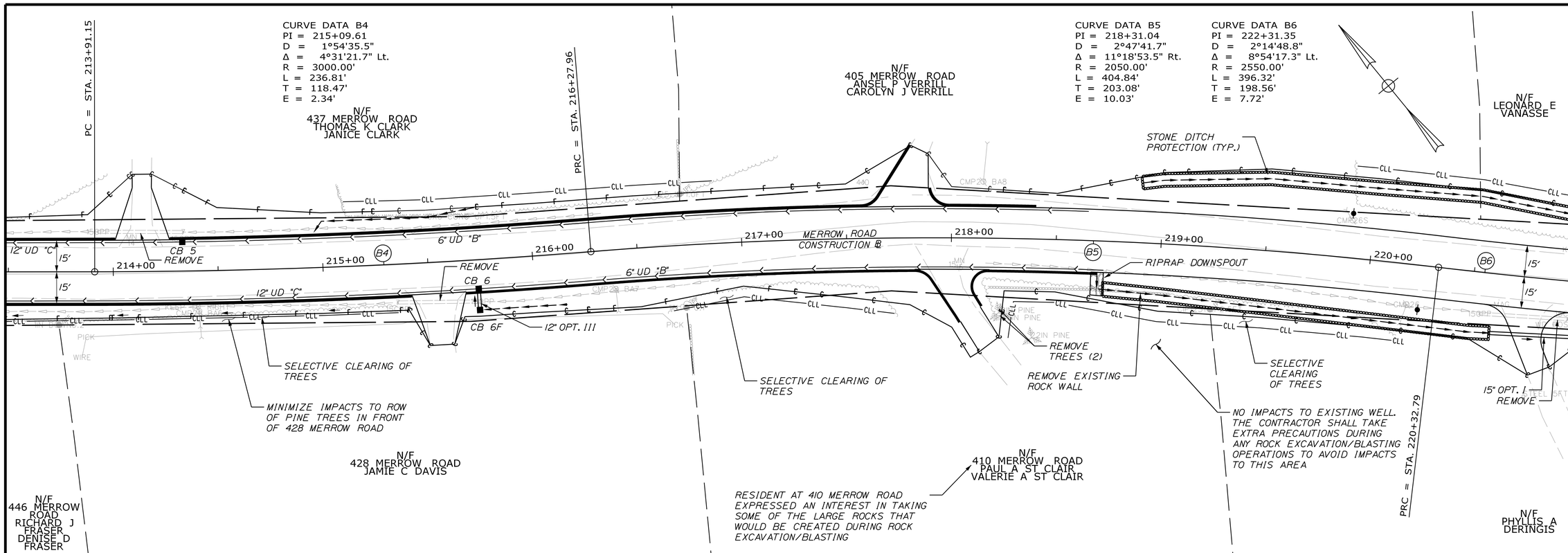
SHEET NUMBER
8
OF 78

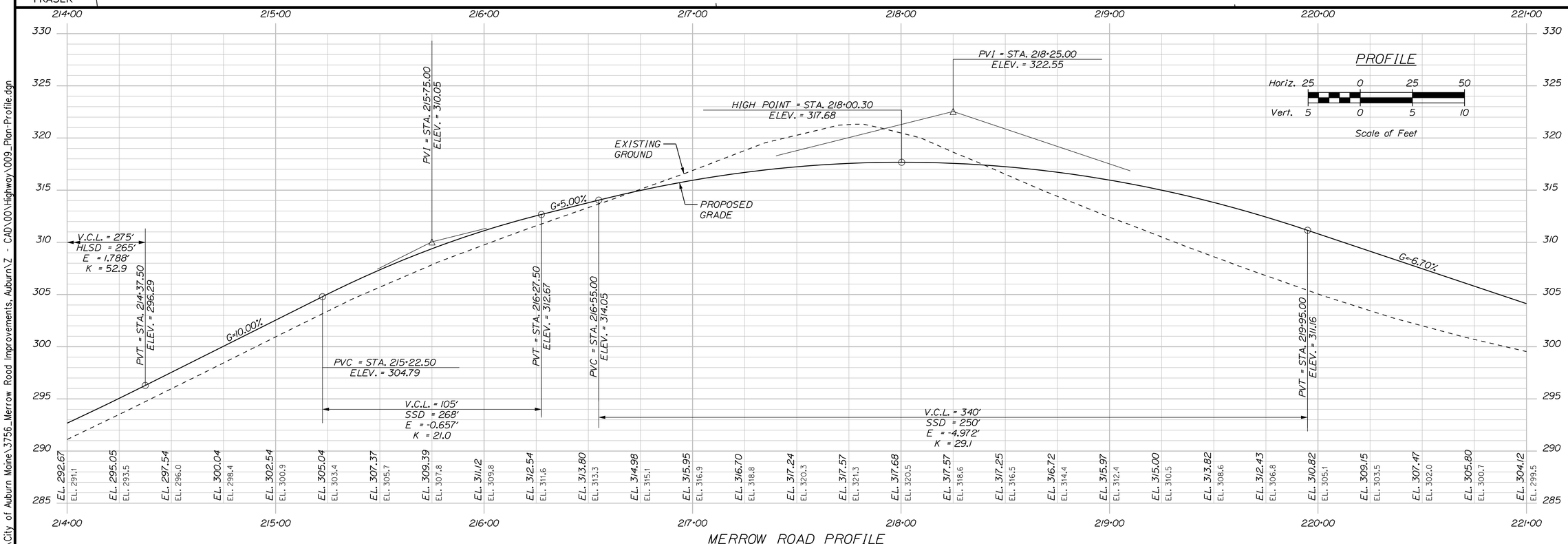
Filename: ...\Highway\008_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\008_Plan-Profile.dgn

CURVE DATA B4
PI = 215+09.61
D = 1°54'35.5"
Δ = 4°31'21.7" Lt.
R = 3000.00'
L = 236.81'
T = 118.47'
E = 2.34'

CURVE DATA B5
PI = 218+31.04
D = 2°47'41.7"
Δ = 11°18'53.5" Rt.
R = 2050.00'
L = 404.84'
T = 203.08'
E = 10.03'

CURVE DATA B6
PI = 222+31.35
D = 2°14'48.8"
Δ = 8°54'17.3" Lt.
R = 2550.00'
L = 396.32'
T = 198.56'
E = 7.72'





MERROW ROAD PROFILE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

PLAN/PROFILE SHEETS

SHEET NUMBER
9
OF 78

Filename: ...\Highway\009_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\009_Plan-Profile.dgn

CURVE DATA B6
PI = 222+31.35
D = 2°14'48.8"
Δ = 8°54'17.3" Lt.
R = 2550.00'
L = 396.32'
T = 198.56'
E = 7.72'

CURVE DATA B7
PI = 225+48.69
D = 1°44'10.4"
Δ = 4°09'02.4" Rt.
R = 3300.00'
L = 239.06'
T = 119.58'
E = 2.17'

CURVE DATA B8
PI = 228+92.19
D = 0°42'58.3"
Δ = 3°12'28.6" Lt.
R = 8000.00'
L = 447.91'
T = 224.02'
E = 3.14'

N/F LEONARD E VANASSE

N/F 375 MERROW ROAD SCOTT ROBITAILLE

N/F 355 MERROW ROAD KAREN P PAQUETTE

N/F 336 MERROW ROAD WILLIAM J PANZINO DENISE M PANZINO

N/F PHYLLIS A DERINGIS

N/F CENTRAL MAINE POWER COMPANY

N/F 350 MERROW ROAD BRENDA G DEWITT

N/F 340 MERROW ROAD LAURENT B ST HILAIRE DIANE L ST HILAIRE

PRC = STA. 224+29.11

PRC = STA. 226+68.17

REMOVE AND RESET EXISTING BOULDER

REMOVE EXISTING CONCRETE WELL (ABANDONED)

REMOVE AND RESET EXISTING BOULDER

AVOID IMPACTS TO EXISTING BOULDERS (TYP.)

STONE DITCH PROTECTION (TYP.)

REMOVE EXISTING STONE WALL

15" OPT. I

15" OPT. I
REMOVE

LOW POINT IN DRIVE TO BE GRADED TO FLOW EAST ACROSS DRIVE

REMOVE EXISTING STONE WALL

18" OPTION III

REMOVE

MERROW ROAD CONSTRUCTION ℄

NO IMPACTS TO EXISTING WELL AND LIGHT

EXISTING WELL OVERFLOWS DURING SPRING/SUMMER. THE CONTRACTOR SHALL VERIFY THE CONDITION IN THE FIELD AND COORDINATE WITH THE INSPECTOR. CONSIDER INSTALLING A 6" UD PIPE WITH CRUSHED STONE (FRENCH DRAIN) AROUND THE BASE OF THE WELL AND PIPE DIRECTLY INTO THE 6" UD "B" WITH A WYE AND CELLAR DRAIN CONNECTION.

15" OPT. I

REMOVE

6" UD "B"

REMOVE

CONSTRUCT CELLAR DRAIN CONNECTION

INSTALL 6" UD WYE

REMOVE

REMOVE EXISTING RIPRAP

REMOVE EXISTING RIPRAP

THE RESIDENT (340 MERROW ROAD) WOULD LIKE TO KEEP THE EXISTING RIPRAP FROM THE DITCH. THE CONTRACTOR SHALL COORDINATE WITH THE RESIDENT AHEAD OF BEGINNING CONSTRUCTION IN THIS AREA

LOW POINT IN DRIVE TO BE GRADED TO FLOW EAST ACROSS DRIVE

15" OPT. I

REMOVE TREE (1)

REMOVE

B6 B7 B8

15' 15'

221+00 222+00 223+00 224+00 225+00 226+00 227+00

V.C.L. = 200'
HLSD = 292'
E = 0.925'
K = 54.1

PVC = STA. 221+70.00
ELEV. = 299.43

G=-6.70%

PROPOSED GRADE

EXISTING GROUND

PVT = STA. 223+70.00
ELEV. = 289.73

PVI = STA. 224+50.00
ELEV. = 287.33

G=-3.00%

18" CPP CULVERT (REMOVE)
18" OPT. III

PVI = STA. 222+70.00
ELEV. = 292.73

PVC = STA. 223+85.00
ELEV. = 289.28

PVT = STA. 225+15.00
ELEV. = 283.11

G=-6.50%

PVC = STA. 225+47.50
ELEV. = 280.99

V.C.L. = 345'
HLSD = 251'
E = 3.019'
K = 49.3

G=0.50%

PVI = STA. 227+20.00
ELEV. = 269.78

V.C.L. = 130'
SSD = 37.3'
E = -0.569'
K = 37.1

PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

305 300 295 290 285 280 275 270 265 260

221+00 222+00 223+00 224+00 225+00 226+00 227+00 228+00

EL. 304.12 EL. 299.5
EL. 302.45 EL. 298.5
EL. 300.77 EL. 297.6
EL. 299.10 EL. 296.8
EL. 297.50 EL. 295.8
EL. 296.03 EL. 294.9
EL. 294.66 EL. 293.9
EL. 293.42 EL. 292.9
EL. 292.28 EL. 292.0
EL. 291.27 EL. 291.1
EL. 290.37 EL. 290.2
EL. 289.58 EL. 289.5
EL. 288.80 EL. 288.7
EL. 287.87 EL. 287.8
EL. 286.76 EL. 286.7
EL. 285.49 EL. 285.4
EL. 284.05 EL. 283.9
EL. 282.46 EL. 282.4
EL. 280.83 EL. 280.8
EL. 279.28 EL. 279.1
EL. 277.86 EL. 277.4
EL. 276.57 EL. 275.7
EL. 275.40 EL. 274.3
EL. 274.36 EL. 273.2
EL. 273.44 EL. 272.3
EL. 272.65 EL. 271.6
EL. 271.99 EL. 271.0
EL. 271.46 EL. 270.5
EL. 271.05 EL. 270.1

MERROW ROAD PROFILE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

PLAN/PROFILE SHEETS

SHEET NUMBER

10

OF 78

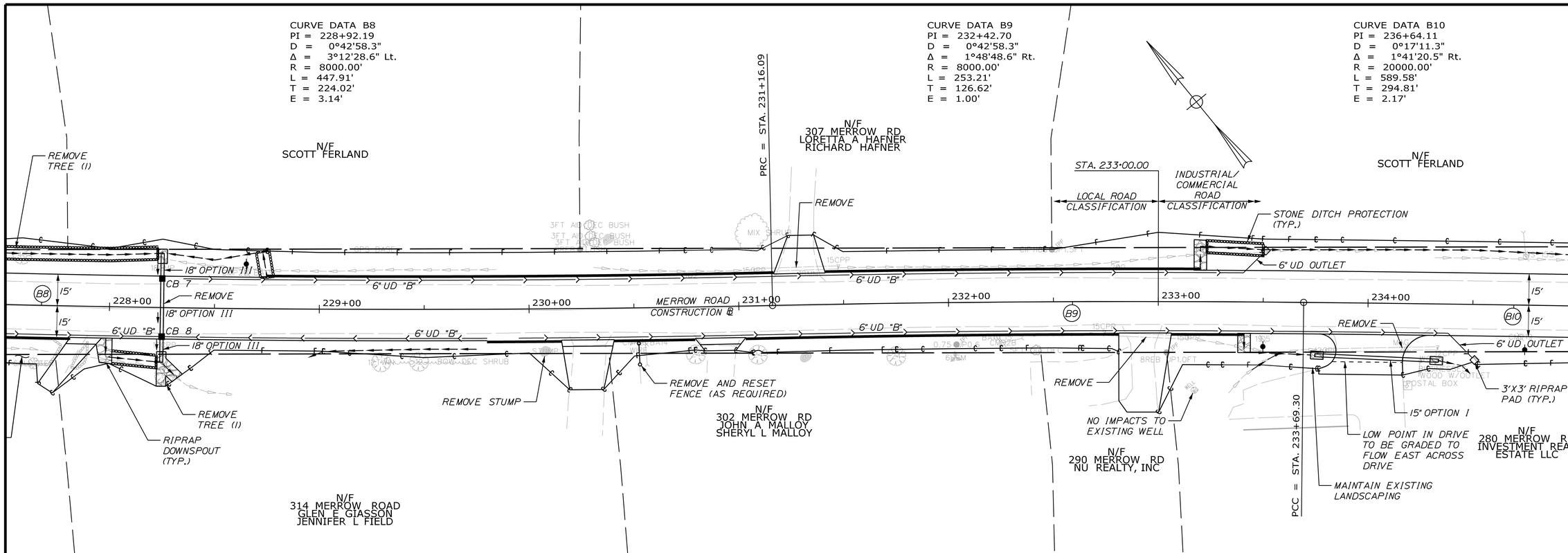
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\010_Plan-Profile.dgn

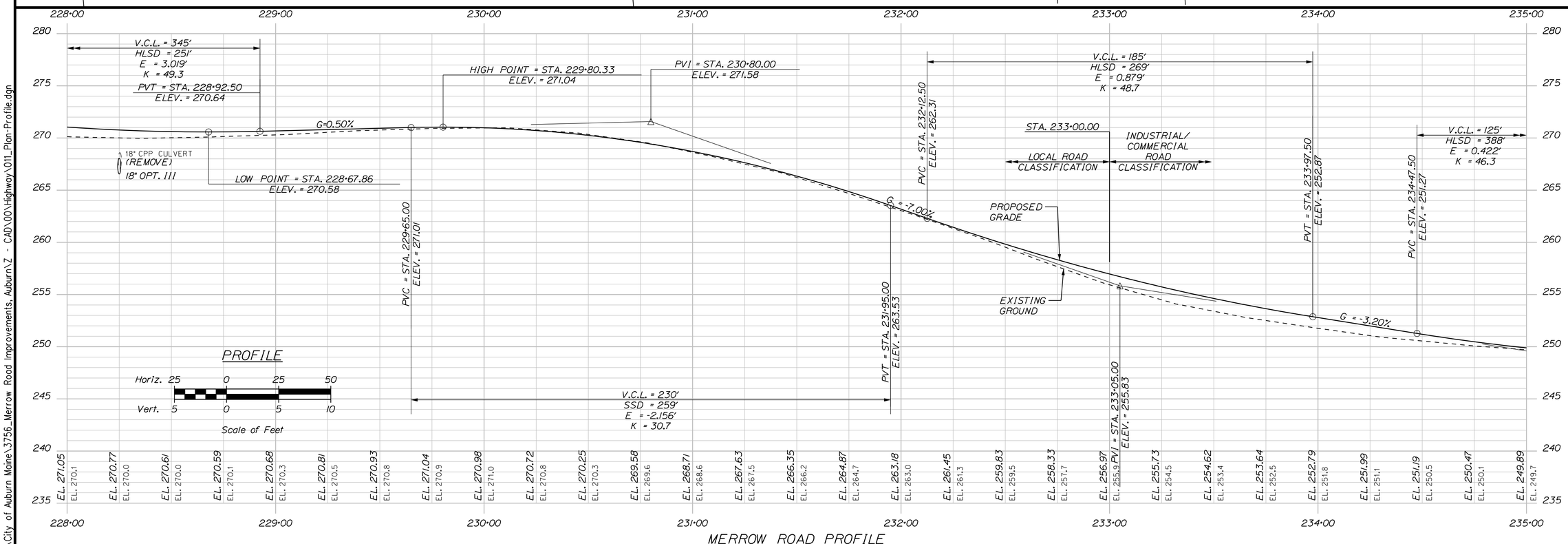
Filename: ...\Highway\010_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

CURVE DATA B8
PI = 228+92.19
D = 0°42'58.3"
Δ = 3°12'28.6" Lt.
R = 8000.00'
L = 447.91'
T = 224.02'
E = 3.14'

CURVE DATA B9
PI = 232+42.70
D = 0°42'58.3"
Δ = 1°48'48.6" Rt.
R = 8000.00'
L = 253.21'
T = 126.62'
E = 1.00'

CURVE DATA B10
PI = 236+64.11
D = 0°17'11.3"
Δ = 1°41'20.5" Rt.
R = 20000.00'
L = 589.58'
T = 294.81'
E = 2.17'





MERROW ROAD PROFILE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

PLAN/PROFILE SHEETS

SHEET NUMBER
11
OF 78

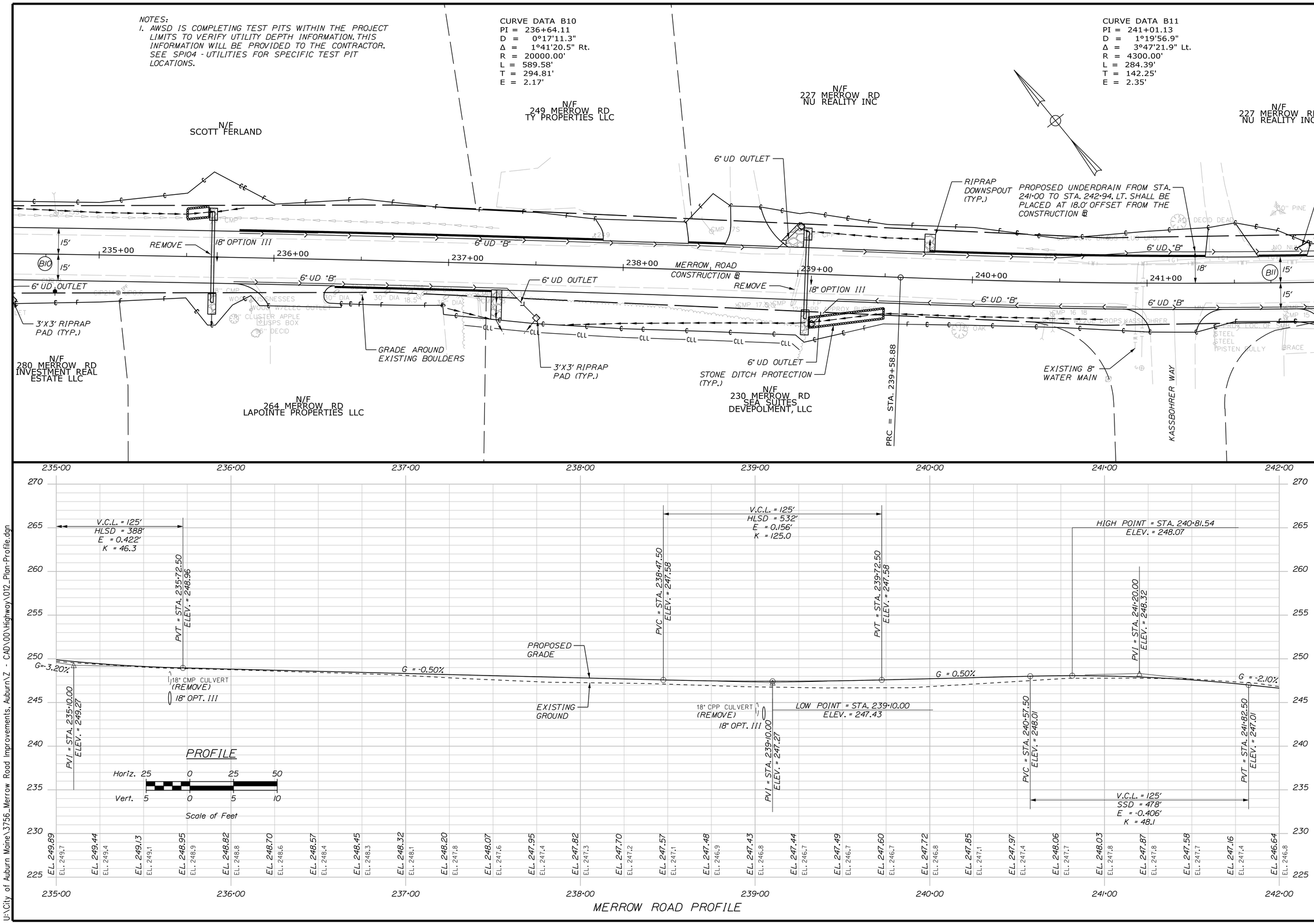
Filename: ...\Highway\011_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\011_Plan-Profile.dgn

NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SPI04 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.

CURVE DATA B10
PI = 236+64.11
D = 0°17'11.3"
Δ = 1°41'20.5" Rt.
R = 20000.00'
L = 589.58'
T = 294.81'
E = 2.17'

CURVE DATA B11
PI = 241+01.13
D = 1°19'56.9"
Δ = 3°47'21.9" Lt.
R = 4300.00'
L = 284.39'
T = 142.25'
E = 2.35'



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

PLAN/PROFILE SHEETS

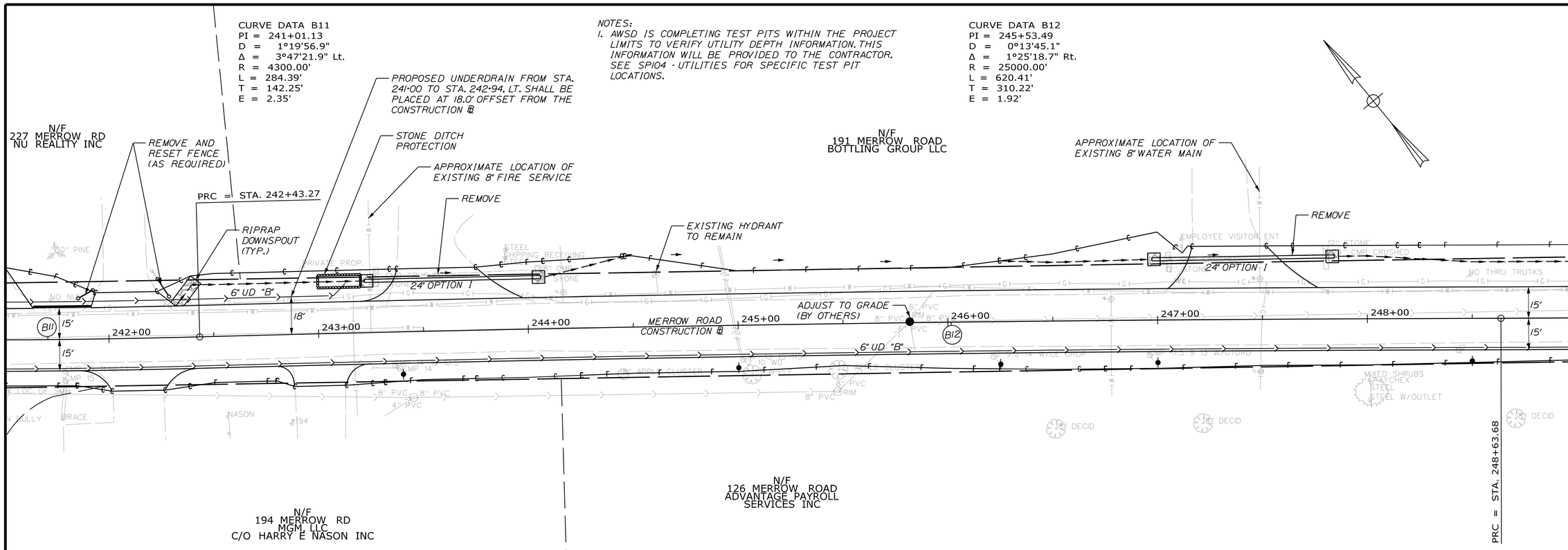
SHEET NUMBER
12
OF 78

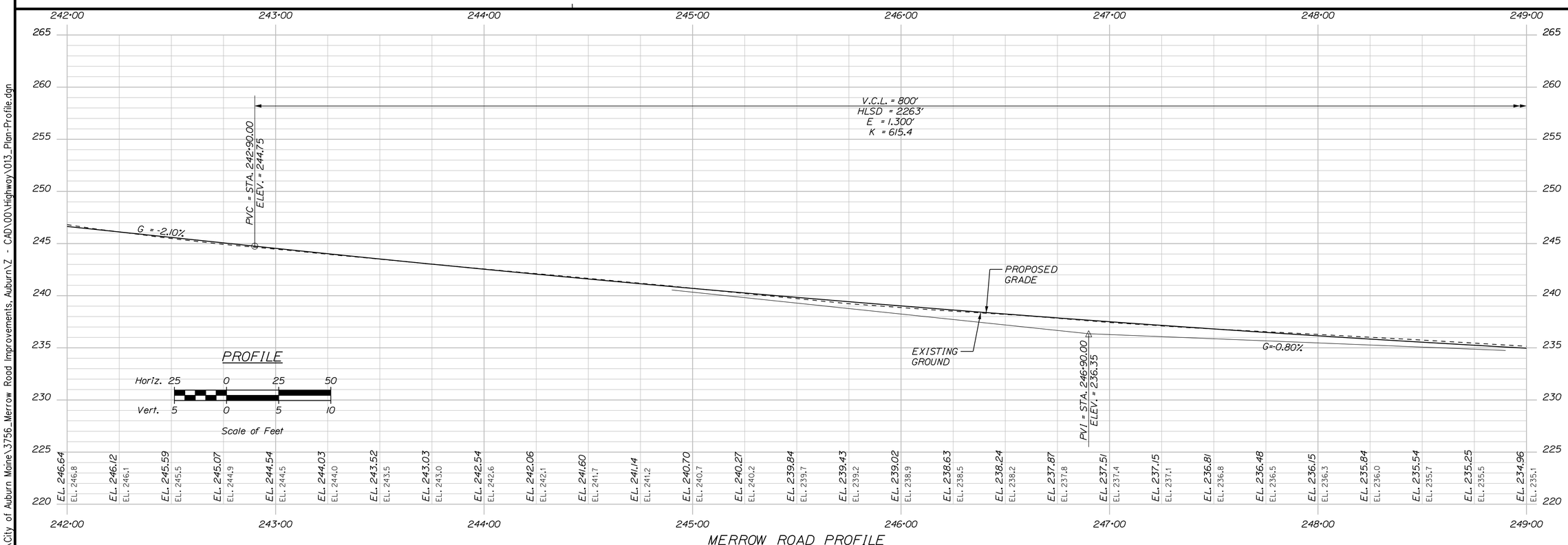
Filename: ...\Highway\012_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\012_Plan-Profile.dgn

CURVE DATA B11
PI = 241+01.13
D = 1°19'56.9"
Δ = 3°47'21.9" Lt.
R = 4300.00'
L = 284.39'
T = 142.25'
E = 2.35'

NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SP104 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.

CURVE DATA B12
PI = 245+53.49
D = 0°13'45.1"
Δ = 1°25'18.7" Rt.
R = 25000.00'
L = 620.41'
T = 310.22'
E = 1.92'





CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

PLAN/PROFILE SHEETS

SHEET NUMBER
13
OF 78

Filename: ...\Highway\013_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\013_Plan-Profile.dgn

CURVE DATA B13
PI = 251+01.10
D = 1°16'23.7"
Δ = 6°02'24.7" Lt.
R = 4500.00'
L = 474.40'
T = 237.42'
E = 6.26'

N/F
191 MERROW ROAD
BOTTLING GROUP LLC

N/F
101 MERROW ROAD
FUTUREGUARD
HOLDING LLC

N/F
126 MERROW ROAD
ADVANTAGE PAYROLL
SERVICES INC

N/F
120 MERROW ROAD
AC REAL ESTATE LLC

N/F
94 MERROW ROAD
AUBURN REALTY
ASSOCIATES

PRC = STA. 248+63.68

APPROXIMATE LOCATION OF EXISTING ABANDONED 6" CAST IRON SEWER MAIN ADJACENT TO ACTIVE 12" WATER MAIN

EXISTING COMMUNICATION UTILITY CROSSING (POTENTIALLY ABANDONED)

24" OPT. I

REMOVE

ADJUST TO GRADE (BY OTHERS)

ADJUST TO GRADE (BY OTHERS)

SEE SPECIAL DETAILS - CULVERT SHEET FOR GRADING AROUND CULVERT FROM 252+00 TO 253+00

MID-WAY SPLICE - FLARED TERMINAL

24" OPTION III

W-BEAM GUARDRAIL - MID-WAY SPLICE

SEE SPECIAL DETAILS - CULVERT SHEET FOR GRADING AROUND CULVERT FROM 252+00 TO 253+00

24" OPTION III

CB 9

CB 10

SEE NOTE 2

ADJUST TO GRADE (BY OTHERS)

6" UD OUTLET

6" UD "B"

EXISTING 6" FIRE SERVICE

APPROXIMATE LOCATION OF EXISTING SEWER SERVICE

SEE SPECIAL DETAILS - CULVERT SHEET FOR GRADING AROUND CULVERT FROM 252+00 TO 253+00

PROPOSED UNDERDRAIN FROM STA. 250+62 TO STA. 252+29, RT. SHALL BE PLACED AT 18.0' OFFSET FROM THE CONSTRUCTION ℄

TERMINAL END SINGLE RAIL AND ANCHORAGE ASSEMBLY

6" UD OUTLET

3'X3' RIPRAP PAD (TYP.)

SEE SPECIAL DETAILS - CULVERT SHEET FOR GRADING AROUND CULVERT FROM 252+00 TO 253+00

W-BEAM GUARDRAIL - MID-WAY SPLICE

GRADED GUARDRAIL SHELF (TYP.)

TERMINAL END SINGLE RAIL

24" OPTION III. INSTALL 45° ELBOW ON EXISTING PIPE

TERMINAL END SINGLE RAIL AND ANCHORAGE ASSEMBLY

REMOVE BOLLARD (COORDINATE WITH PROPERTY OWNER)

REMOVE AND RESET BOLLARD

PT = STA. 253+38.08

GRADE PROPOSED SLOPE TO MATCH THE EXISTING ELEVATION AT THE FACE OF HYDRANT (3' EITHER SIDE OF HYDRANT) THEN VARY THE SLOPE DOWN TO THE PROPOSED BOTTOM OF DITCH

EXISTING HYDRANT TO REMAIN

WATER SERVICE (SIZE UNKNOWN)

MERROW ROAD CONSTRUCTION ℄

S 57°39'37.2" E

EXISTING 6" FIRE SERVICE

PROPOSED UNDERDRAIN FROM STA. 252+72 TO STA. 262+50, RT. SHALL BE PLACED AT 17.0' OFFSET FROM THE CONSTRUCTION ℄

ADJUST TO GRADE (BY OTHERS)

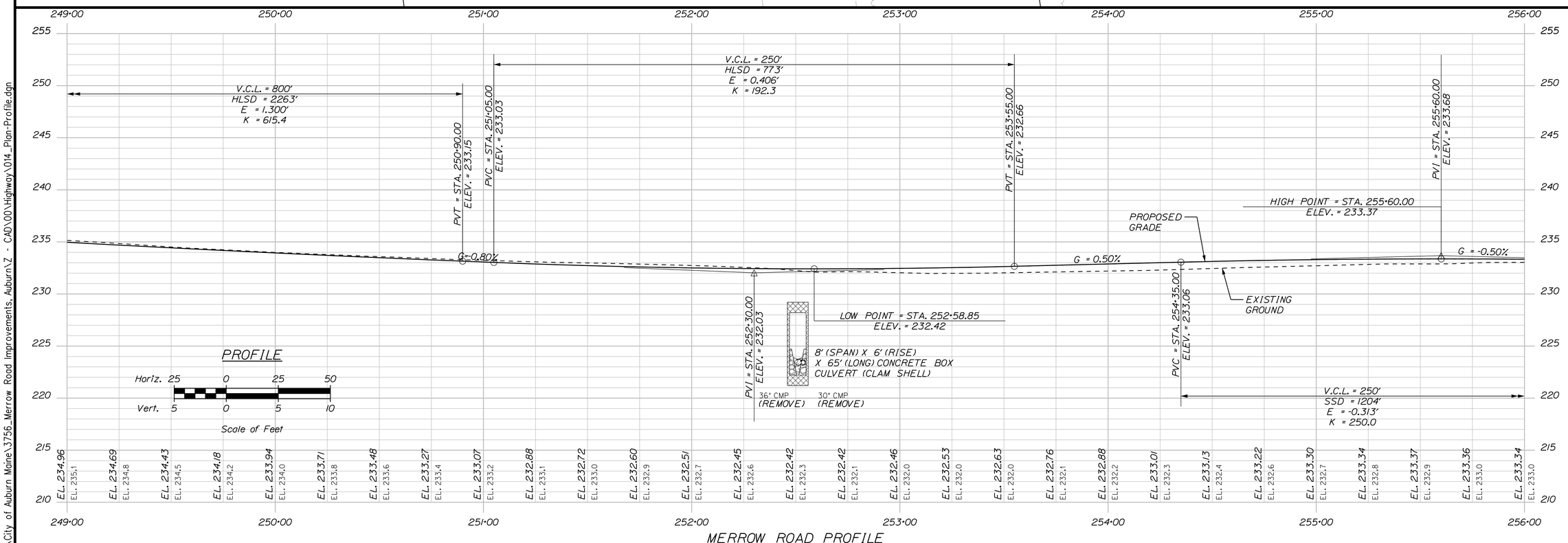
6" UD "B"

B13

249+00 250+00 251+00 252+00 253+00 254+00 255+00

15' 15' 15' 15' 18' 17'

NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SP104 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.
2. IT IS ANTICIPATED THAT THE WATER MAIN, GAS MAIN AND SEWER FORCE MAIN WILL NEED TO BE ADJUSTED VERTICALLY TO GO UNDER THE PROPOSED PRECAST CONCRETE BOX CULVERT. WORK TO BE COMPLETED BY OTHERS.



MERROW ROAD PROFILE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

			DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

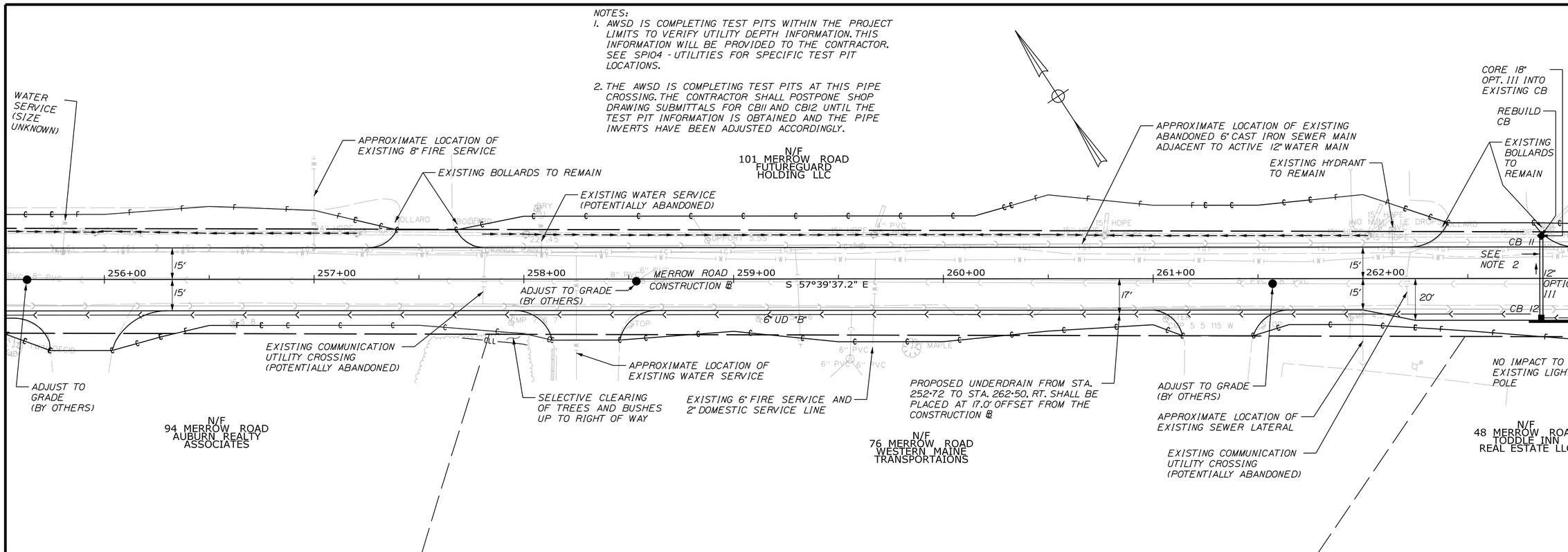
PLAN/PROFILE SHEETS

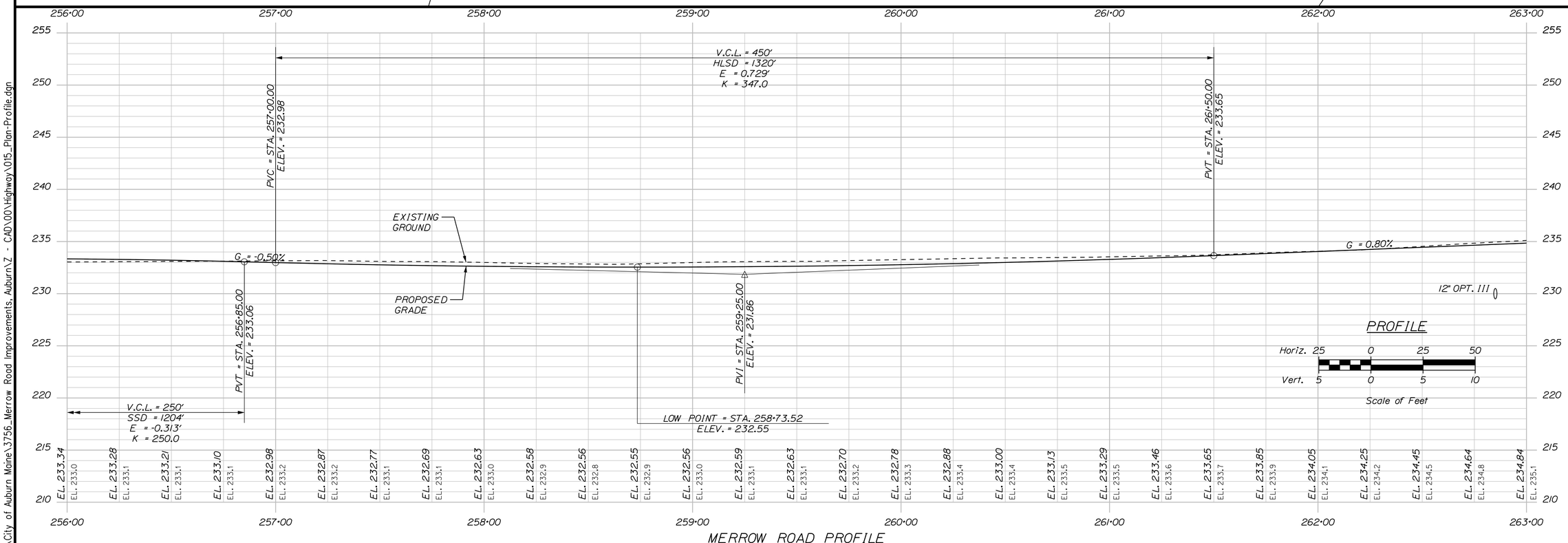
SHEET NUMBER
14
OF 78

Filename: ...\Highway\014_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\014_Plan-Profile.dgn

NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SP104 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.
2. THE AWSD IS COMPLETING TEST PITS AT THIS PIPE CROSSING. THE CONTRACTOR SHALL POSTPONE SHOP DRAWING SUBMITTALS FOR CB11 AND CB12 UNTIL THE TEST PIT INFORMATION IS OBTAINED AND THE PIPE INVERTS HAVE BEEN ADJUSTED ACCORDINGLY.





CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

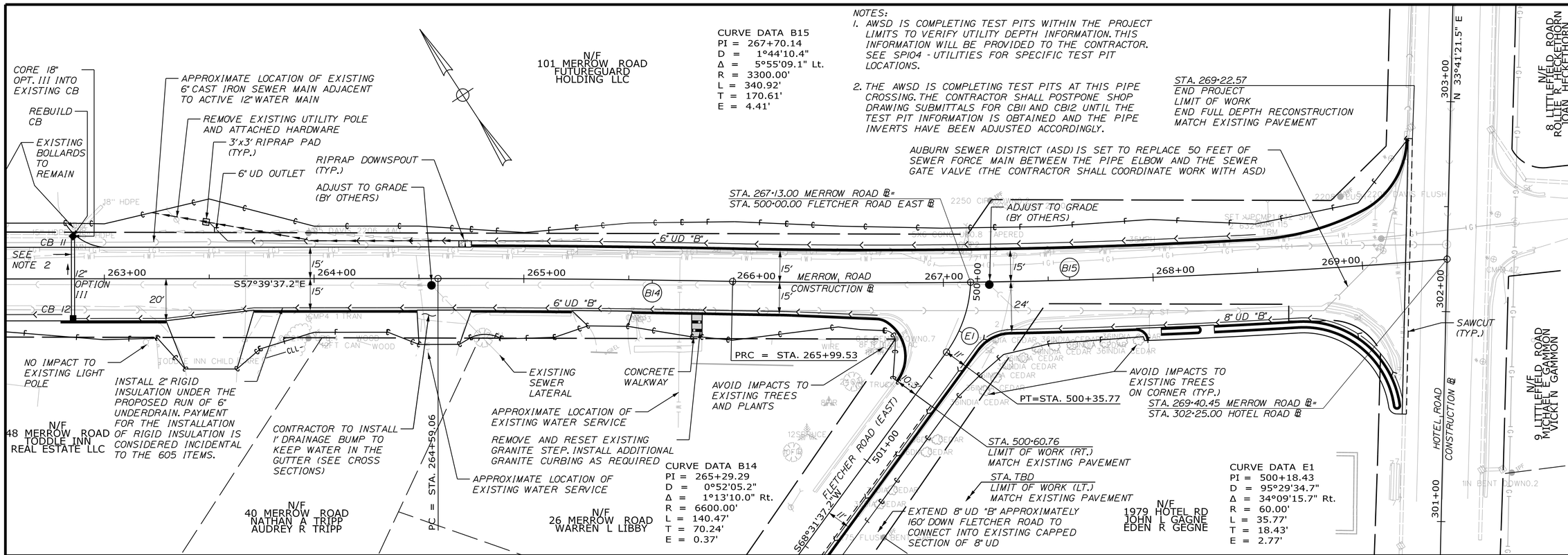
PLAN/PROFILE SHEETS

SHEET NUMBER
15
OF 78

Filename: ...\Highway\015_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\015_Plan-Profile.dgn

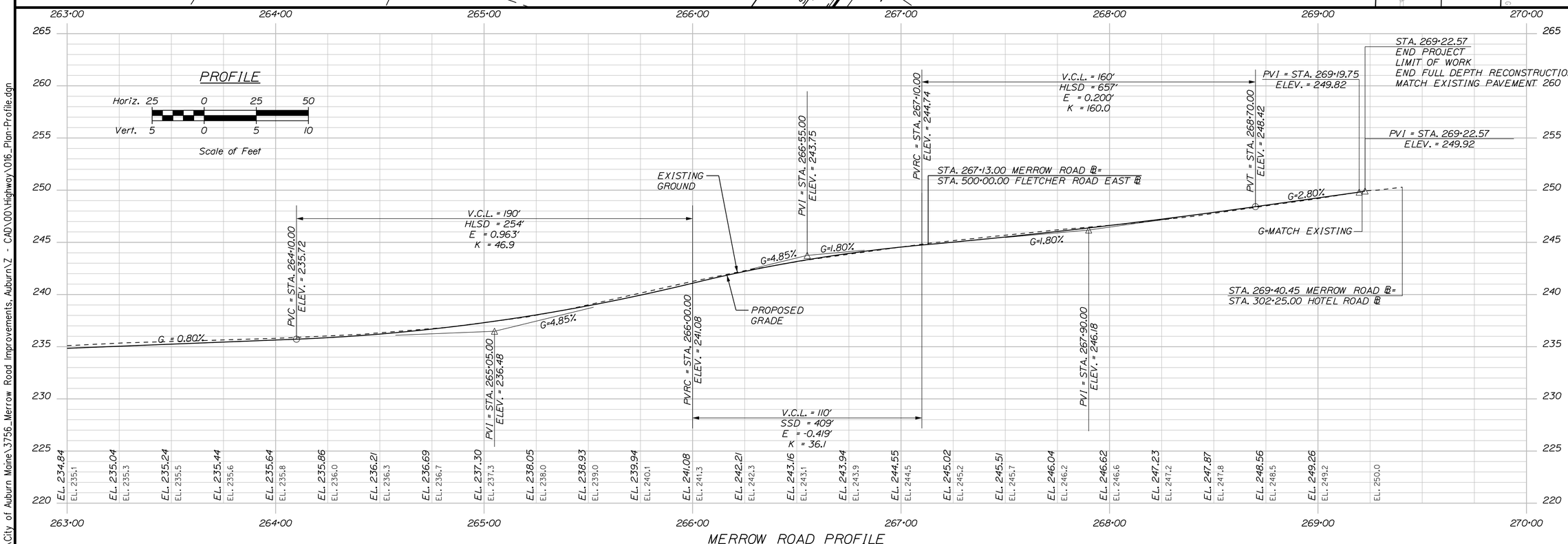
NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SPI04 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.
2. THE AWSD IS COMPLETING TEST PITS AT THIS PIPE CROSSING. THE CONTRACTOR SHALL POSTPONE SHOP DRAWING SUBMITTALS FOR CBII AND CBI2 UNTIL THE TEST PIT INFORMATION IS OBTAINED AND THE PIPE INVERTS HAVE BEEN ADJUSTED ACCORDINGLY.

CURVE DATA B15
PI = 267+70.14
D = 1°44'10.4"
Δ = 5°55'09.1" Lt.
R = 3300.00'
L = 340.92'
T = 170.61'
E = 4.41'



CURVE DATA B14
PI = 265+29.29
D = 0°52'05.2"
Δ = 1°13'10.0" Rt.
R = 6600.00'
L = 140.47'
T = 70.24'
E = 0.37'

CURVE DATA E1
PI = 500+18.43
D = 95°29'34.7"
Δ = 34°09'15.7" Rt.
R = 60.00'
L = 35.77'
T = 18.43'
E = 2.77'



MERROW ROAD PROFILE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT			BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25		
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25		
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

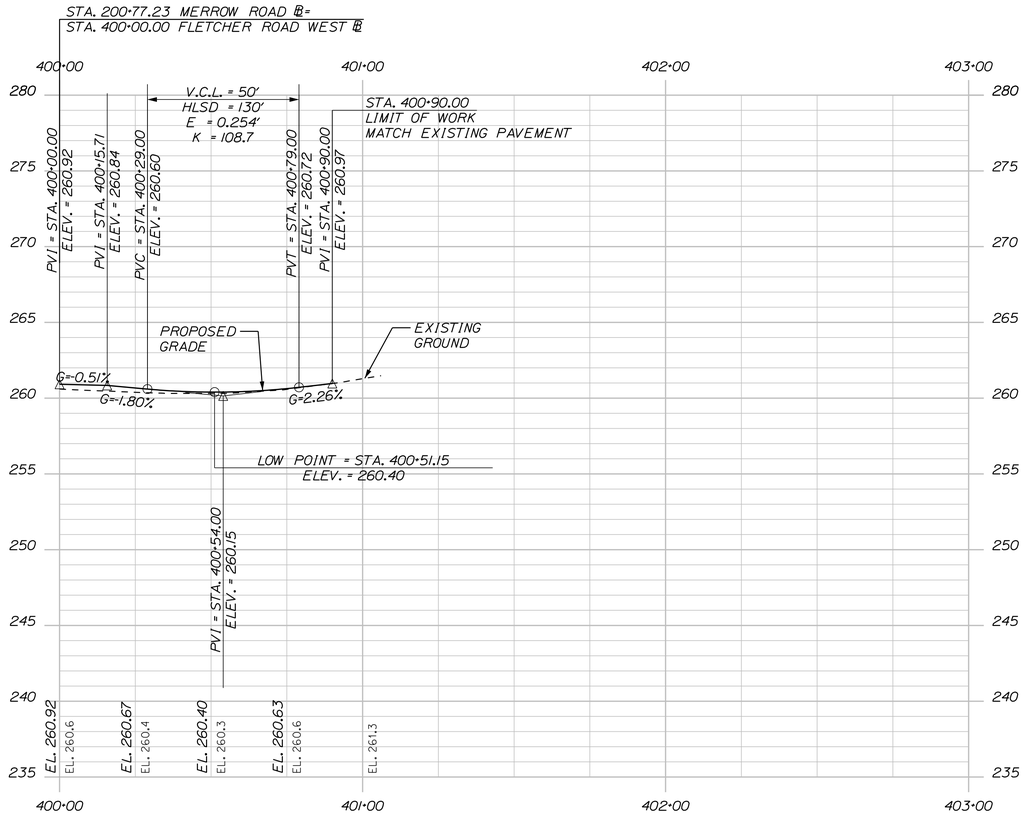
SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

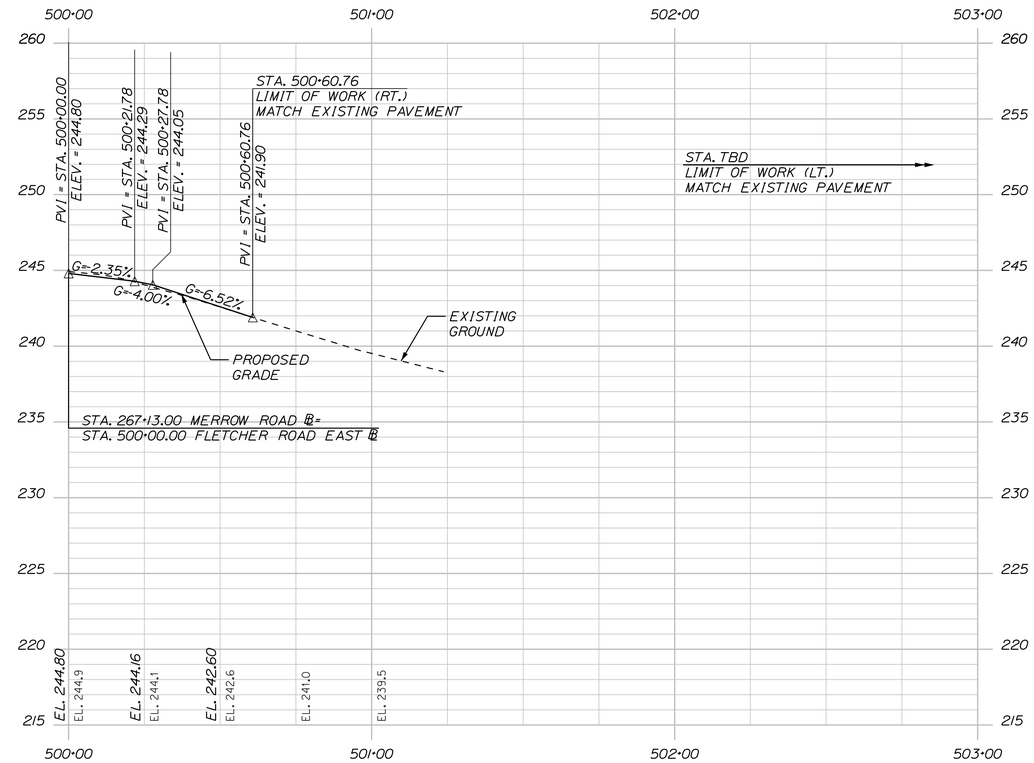
PLAN/PROFILE SHEETS

SHEET NUMBER
16
OF 78

Filename: ...\Highway\016_Plan-Profile.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\016_Plan-Profile.dgn



FLETCHER ROAD (WEST) PROFILE



FLETCHER ROAD (EAST) PROFILE

PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

Scale of Feet

GORRILL PALMER
An LJB Engineering Company

Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	"	"	"
DESIGN3-DETAILED3	"	"	"
REVISIONS 1	"	"	"
REVISIONS 2	"	"	"
REVISIONS 3	"	"	"
REVISIONS 4	"	"	"
FIELD CHANGES	"	"	"

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

SIDE ROAD PROFILES

SHEET NUMBER

17

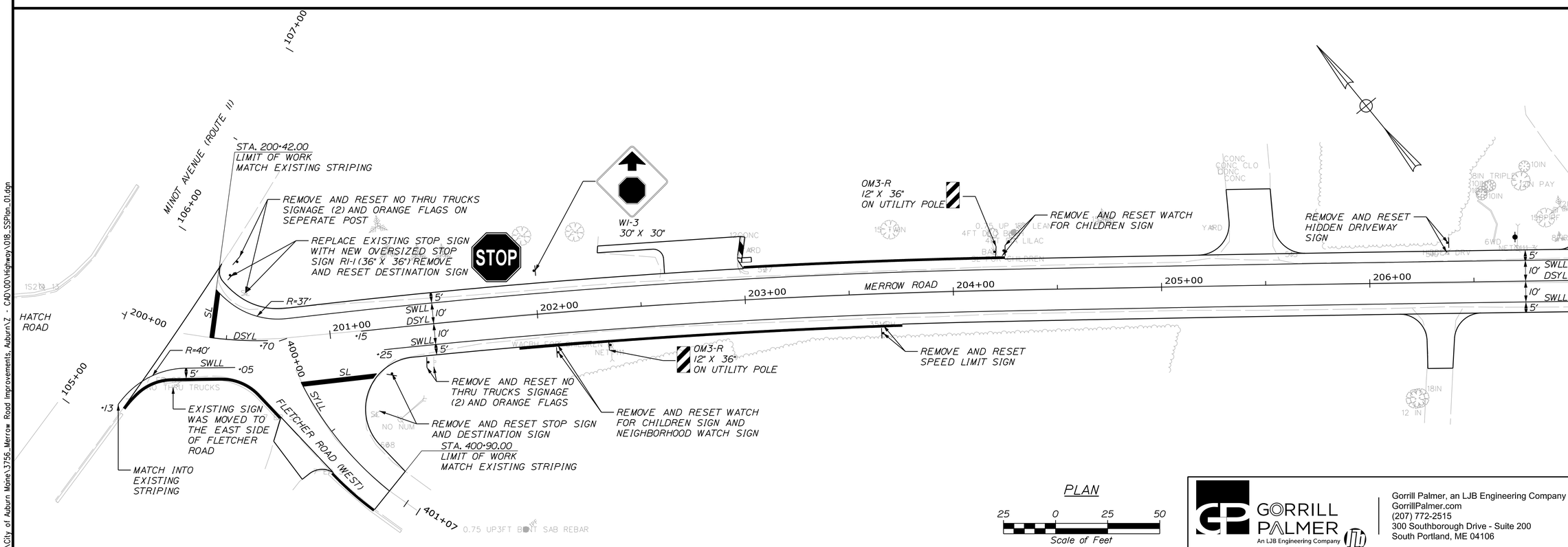
OF 78

Filename: ...\Highway\017_SideRdProfiles.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\017_SideRdProfiles.dgn

SIGNING AND STRIPING NOTES:

1. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
2. THE CONTRACTOR SHALL REMOVE ALL EXISTING PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED MARKINGS. BY MEANS APPROVED BY THE INSPECTOR. PAYMENT SHALL BE MADE INCIDENTAL TO 627 ITEMS.
3. SIGNS FOR ITEM 645.292 SHALL BE CONSTRUCTED OF SHEET ALUMINUM.
4. ALL SIGNING AND STRIPING MATERIALS AND PLACEMENT SHALL CONFORM TO THE MAINE DOT STANDARD SPECIFICATIONS, SUPPLEMENTAL SPECIFICATIONS AND STANDARD DETAILS AND WITH THE FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES".
5. THE RELOCATION (REMOVE AND RESET) OF EXISTING GROUND MOUNTED SIGNS ON NEW POSTS SHALL BE PAID FOR UNDER THE APPLICABLE 645 PAY ITEMS.
6. ALL PAVEMENT MARKINGS SHALL BE MAINTAINED TO 70% RETROREFLECTIVITY OR BETTER FOR A PERIOD OF ONE YEAR FOLLOWING PROJECT COMPLETION.
7. SIGN SUPPORTS SHALL CONFORM TO MAINE DOT STANDARD SPECIFICATION 645 REGARDING MATERIALS AND PLACEMENT. TYPICALLY, GALVANIZED U-CHANNEL POSTS AND WOOD ARE PREFERRED TYPES.

STRIPING LEGEND	
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
SL	WHITE STOP LINE (24" WIDE)



PLAN

25 0 25 50

Scale of Feet

GORRILL PALMER
An LJB Engineering Company

Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

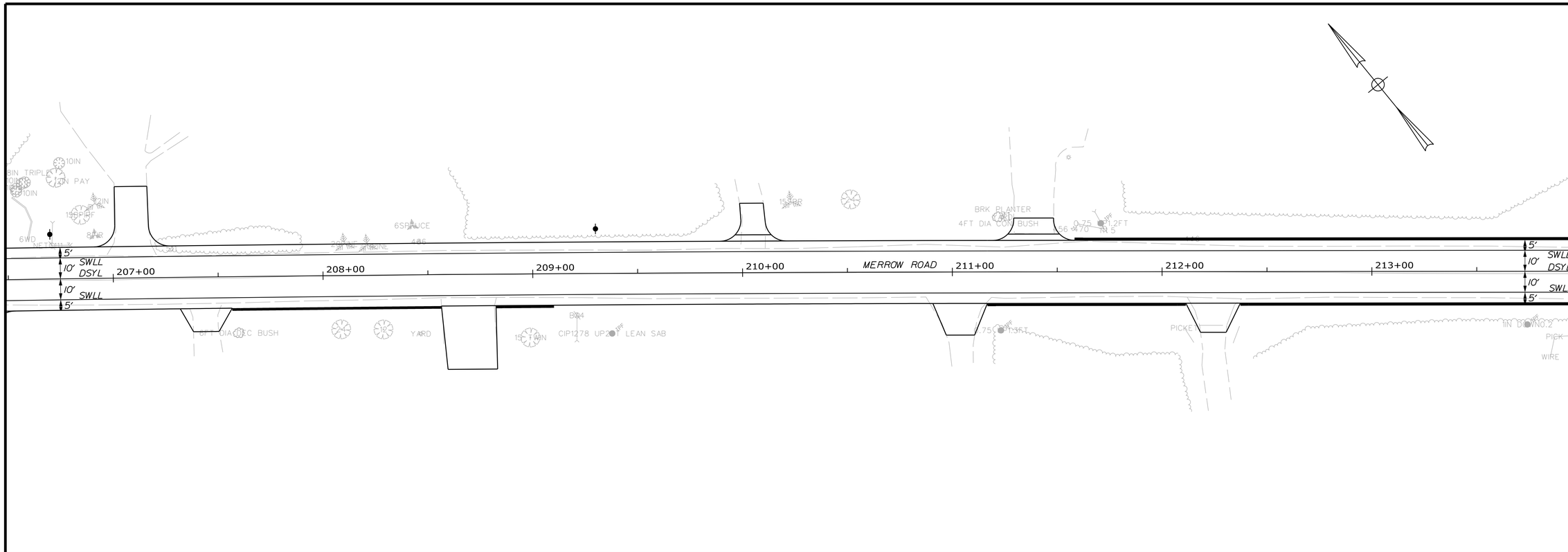
SIGNING & STRIPING PLANS

SHEET NUMBER

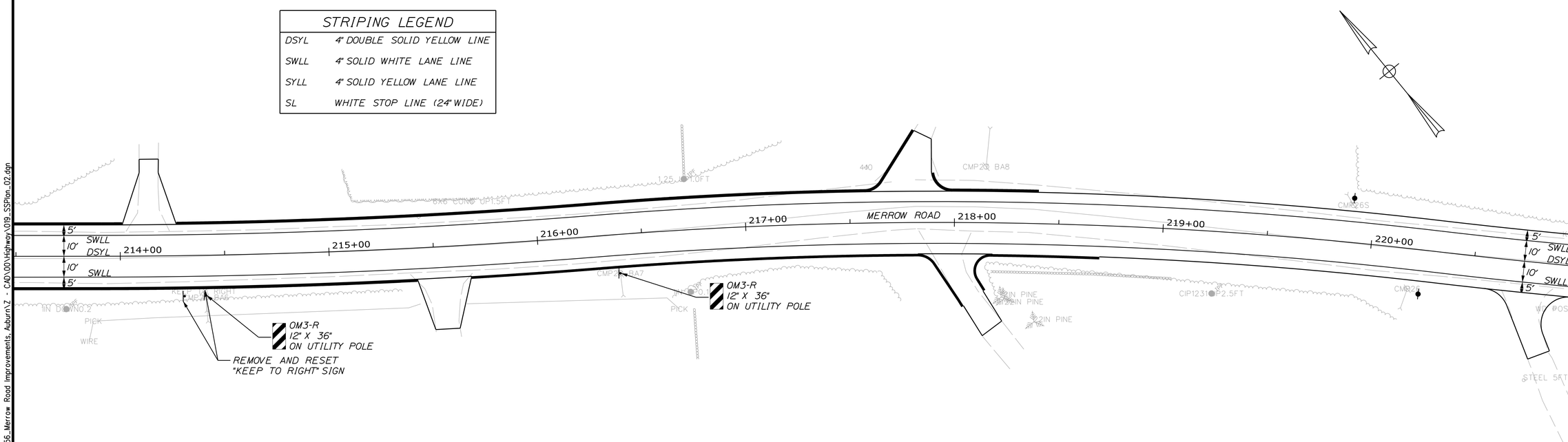
18

OF 78

Filename: ...\00\Highway\018_SSPlan_01.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\018_SSPlan_01.dgn



STRIPING LEGEND	
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
SL	WHITE STOP LINE (24" WIDE)



SIGNING AND STRIPING NOTES:

1. SEE NOTES ON PREVIOUS SHEET.

PLAN

25 0 25 50

Scale of Feet

GORRILL PALMER
An LJB Engineering Company

Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

SIGNING & STRIPING PLANS

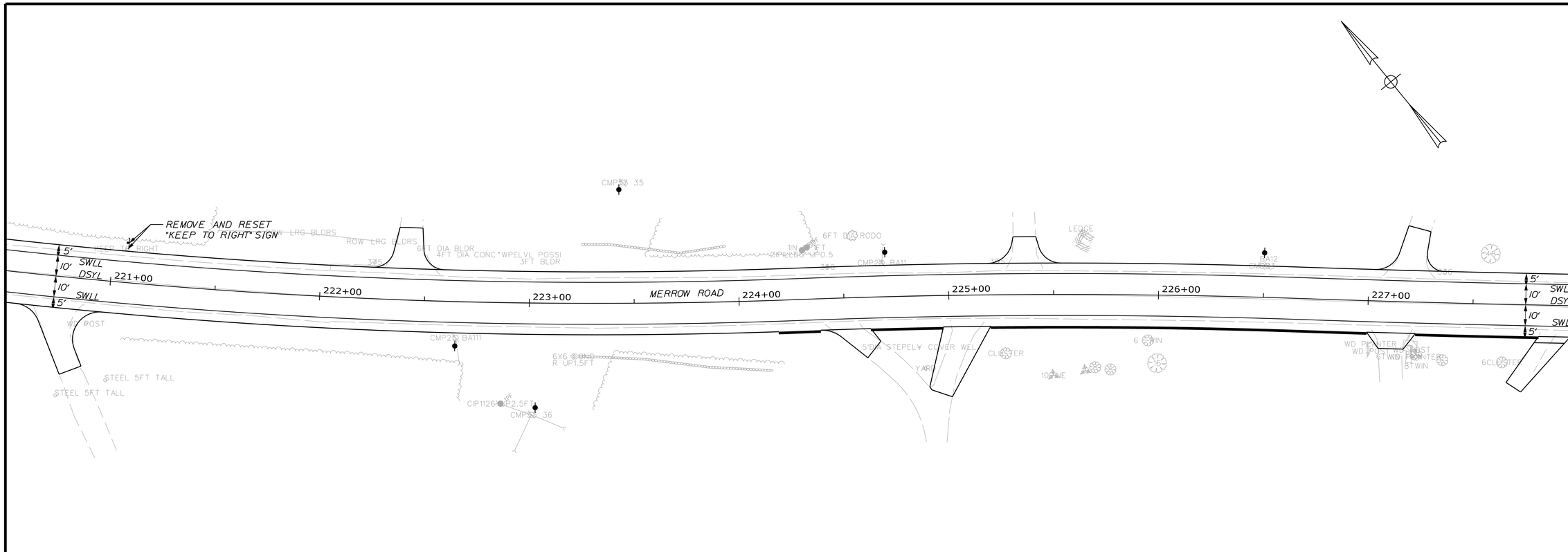
SHEET NUMBER

19

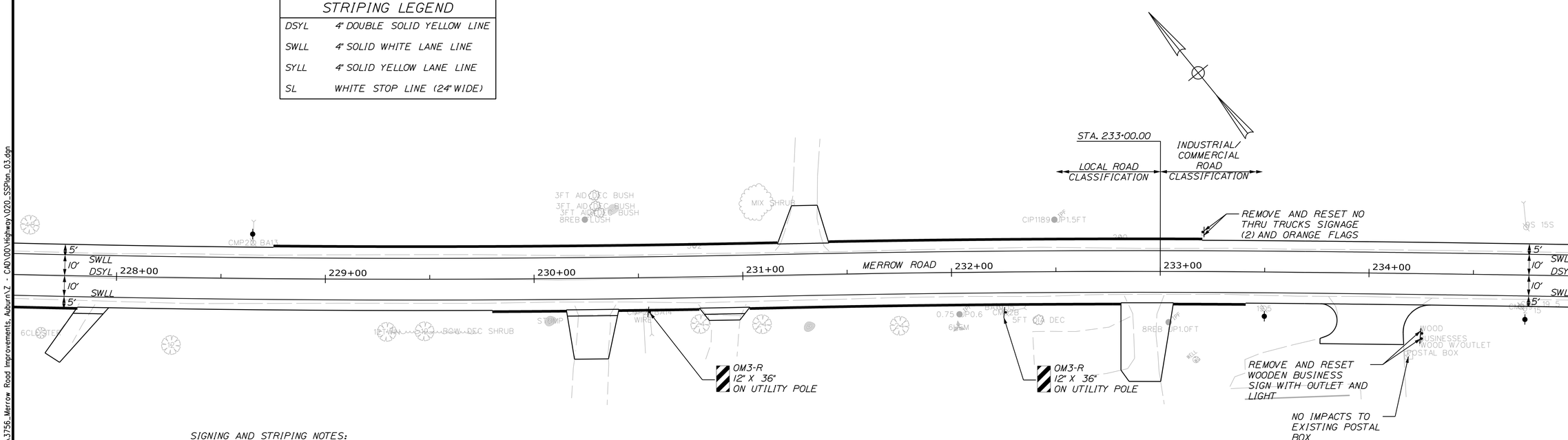
OF 78

Filename: ...\00\Highway\019_SSPlan_02.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\019_SSPlan_02.dgn



STRIPING LEGEND	
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
SL	WHITE STOP LINE (24" WIDE)



SIGNING AND STRIPING NOTES:

1. SEE NOTES ON PREVIOUS SHEET.

PLAN

25 0 25 50

Scale of Feet

GORRILL PALMER
An LJB Engineering Company

Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

SIGNING & STRIPING PLANS

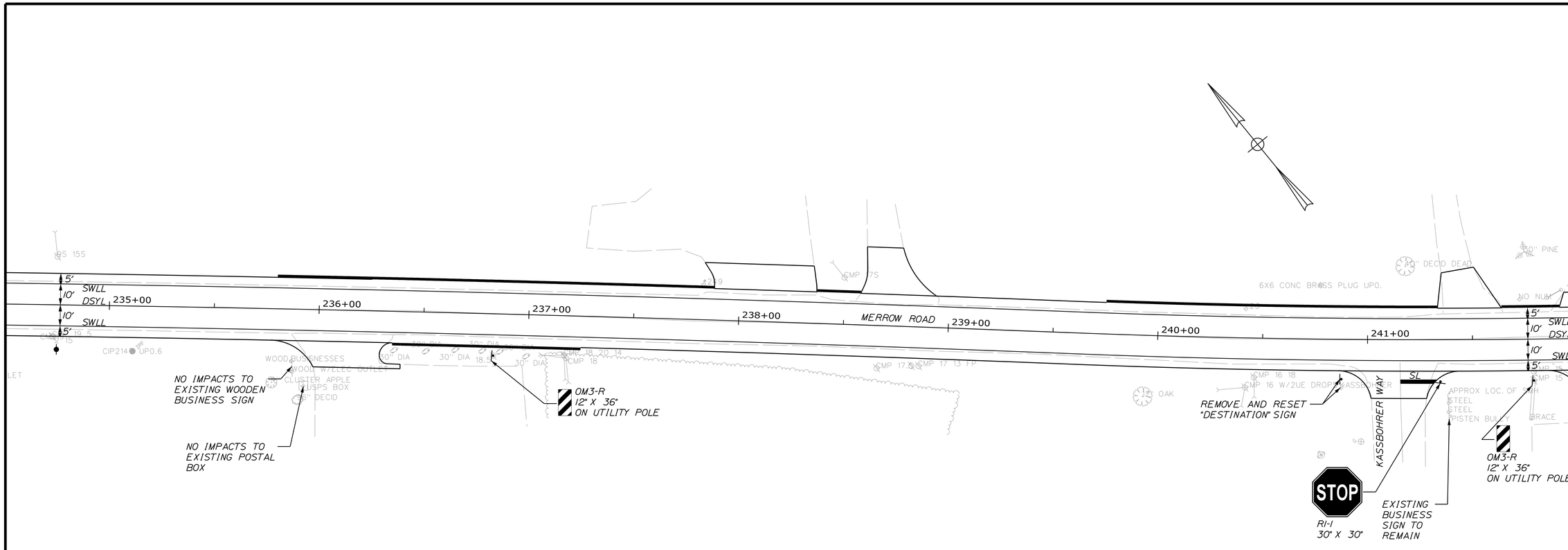
SHEET NUMBER

20

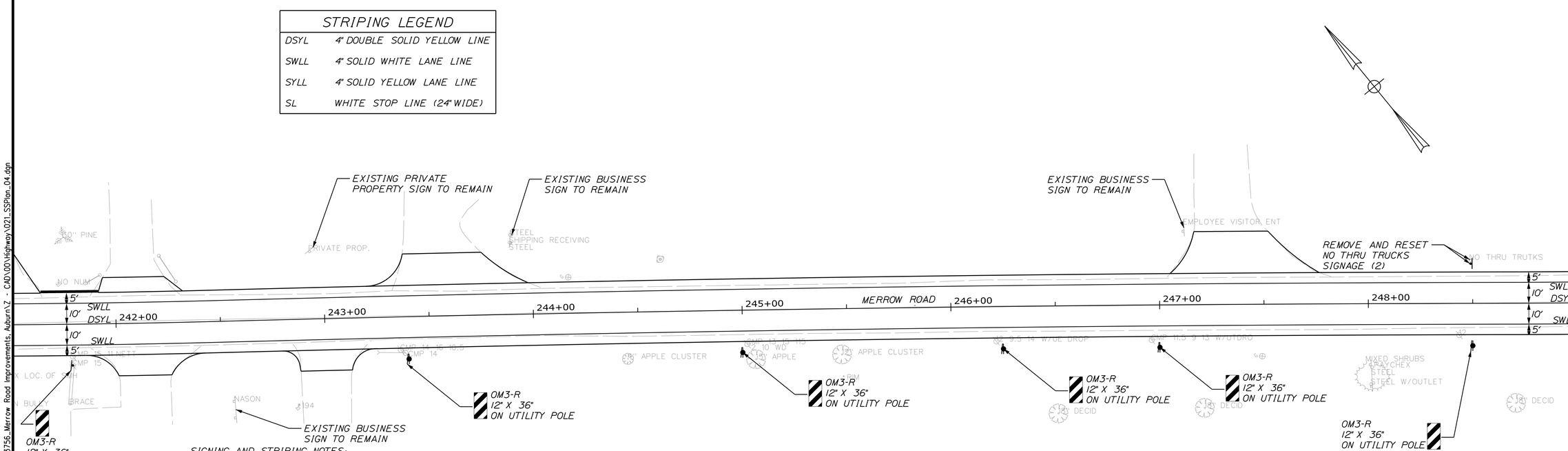
OF 78

Filename: ...\00\Highway\020_SSPlan_03.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements_Auburn\Z - CAD\00\Highway\020_SSPlan_03.dgn



STRIPING LEGEND	
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
SL	WHITE STOP LINE (24" WIDE)



SIGNING AND STRIPING NOTES:

1. SEE NOTES ON PREVIOUS SHEET.

PLAN

25 0 25 50

Scale of Feet

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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

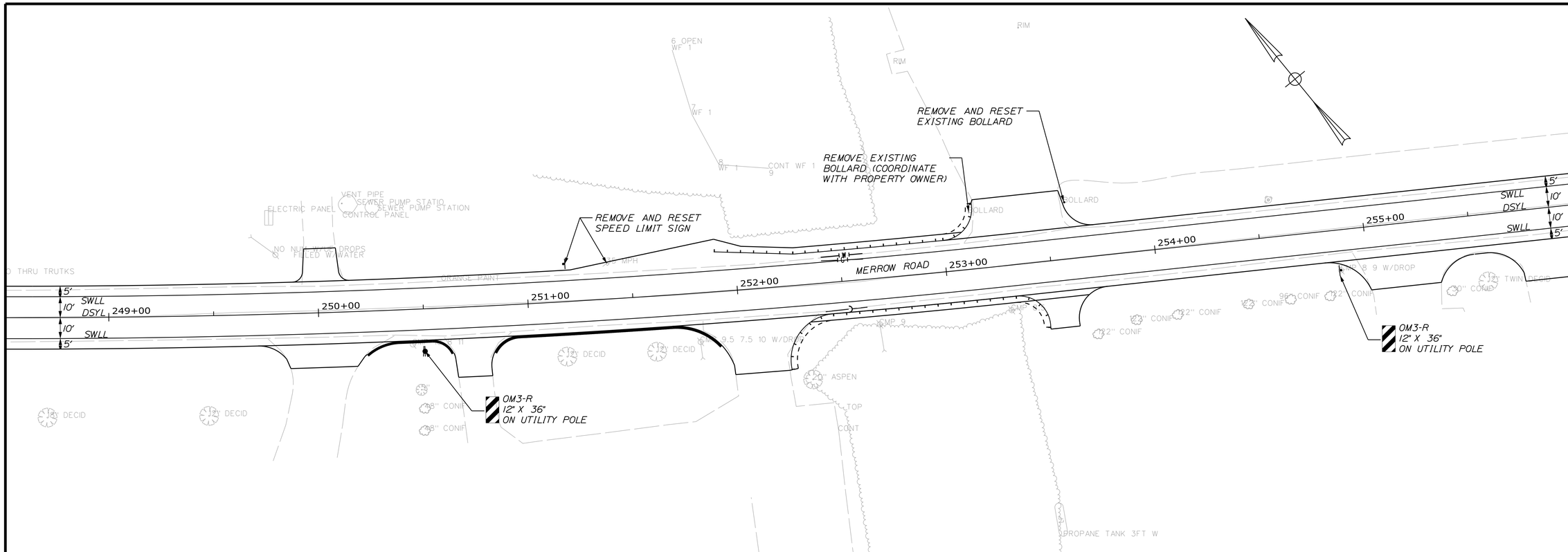
SIGNING & STRIPING PLANS

SHEET NUMBER

21

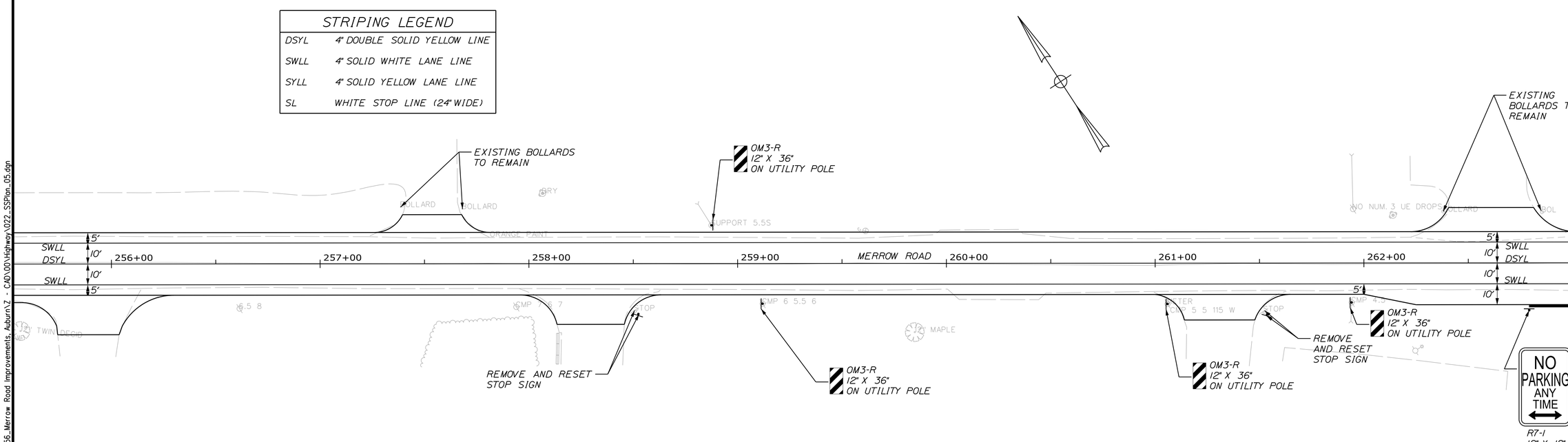
OF 78

Filename: ...\00\Highway\021_SSPlan_04.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements_Auburn\Z - CAD\00\Highway\021_SSPlan_04.dgn



STRIPING LEGEND

DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
SL	WHITE STOP LINE (24" WIDE)



SIGNING AND STRIPING NOTES:

1. SEE NOTES ON PREVIOUS SHEET.

PLAN

25 0 25 50

Scale of Feet

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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

SIGNING & STRIPING PLANS

SHEET NUMBER

22

OF 78

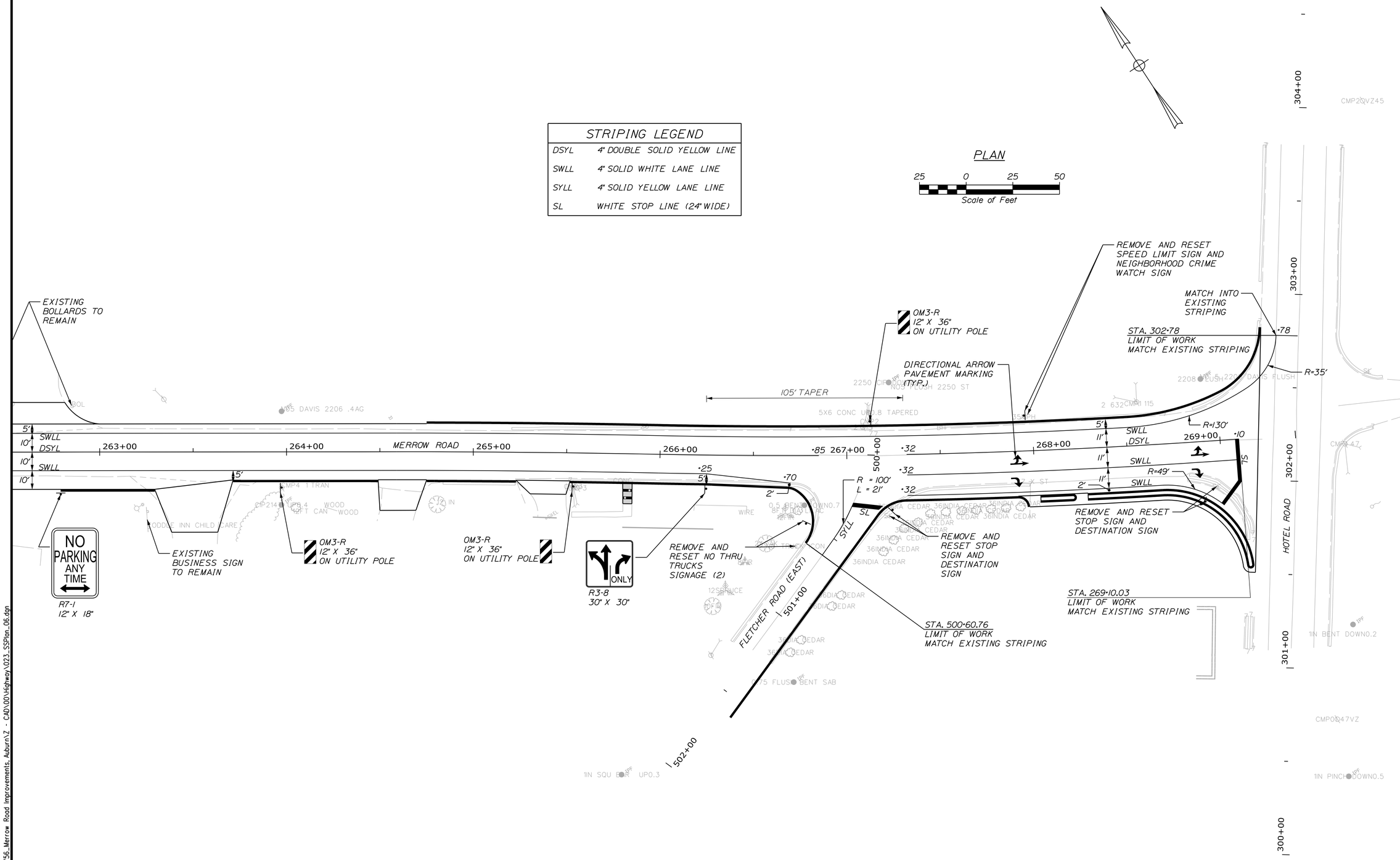
Filename: ...\00\Highway\022_SSPlan_05.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements_Auburn\Z - CAD\00\Highway\022_SSPlan_05.dgn

STRIPING LEGEND	
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
SL	WHITE STOP LINE (24" WIDE)

PLAN

25 0 25 50

Scale of Feet



SIGNING AND STRIPING NOTES:

1. SEE NOTES ON PREVIOUS SHEET.

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South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\X25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\X25
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

SIGNING & STRIPING PLANS

SHEET NUMBER

23

OF 78

Filename: ...\00\Highway\023_SSPlan_06.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\2 - CAD\00\Highway\023_SSPlan_06.dgn

CURVE DATA B1
PI = 200+43.16
D = 33°42'12.2"
Δ = 28°29'24.7" Lt.
R = 170.00'
L = 84.53'
T = 43.16'
E = 5.39'

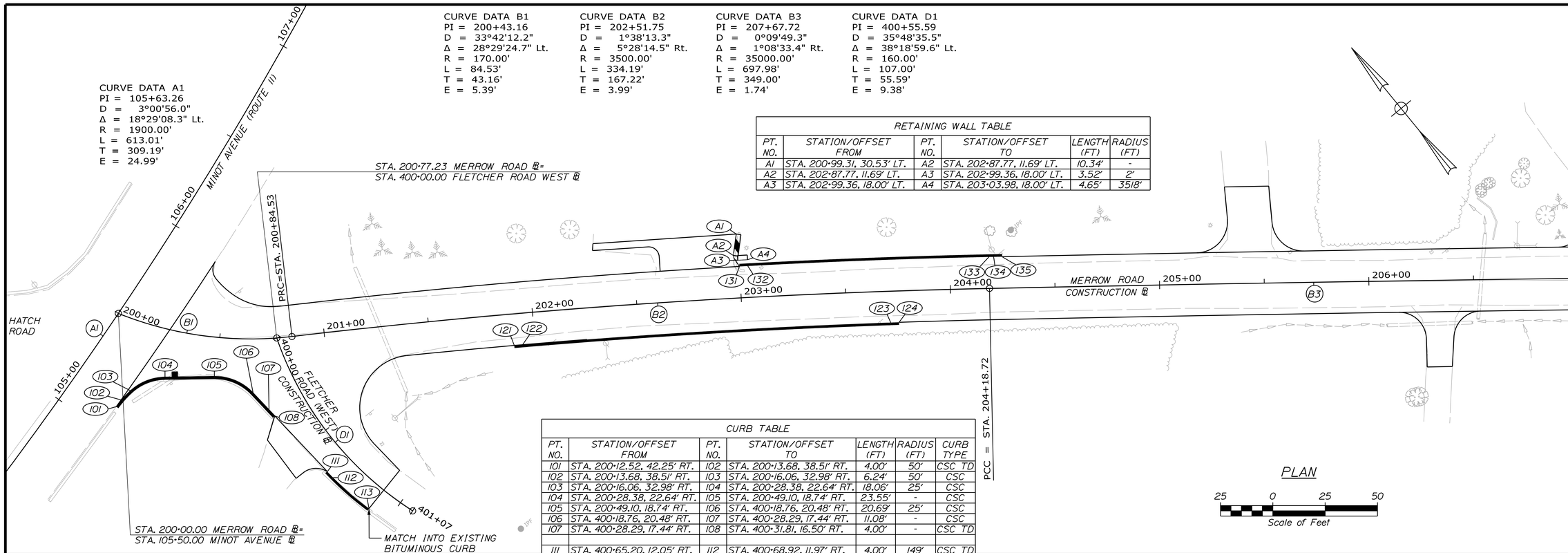
CURVE DATA B2
PI = 202+51.75
D = 1°38'13.3"
Δ = 5°28'14.5" Rt.
R = 3500.00'
L = 334.19'
T = 167.22'
E = 3.99'

CURVE DATA B3
PI = 207+67.72
D = 0°09'49.3"
Δ = 1°08'33.4" Rt.
R = 35000.00'
L = 697.98'
T = 349.00'
E = 1.74'

CURVE DATA D1
PI = 400+55.59
D = 35°48'35.5"
Δ = 38°18'59.6" Lt.
R = 160.00'
L = 107.00'
T = 55.59'
E = 9.38'

CURVE DATA A1
PI = 105+63.26
D = 3°00'56.0"
Δ = 18°29'08.3" Lt.
R = 1900.00'
L = 613.01'
T = 309.19'
E = 24.99'

RETAINING WALL TABLE					
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)
A1	STA. 200+99.31, 30.53' LT.	A2	STA. 202+87.77, 11.69' LT.	10.34'	-
A2	STA. 202+87.77, 11.69' LT.	A3	STA. 202+99.36, 18.00' LT.	3.52'	2'
A3	STA. 202+99.36, 18.00' LT.	A4	STA. 203+03.98, 18.00' LT.	4.65'	3518'



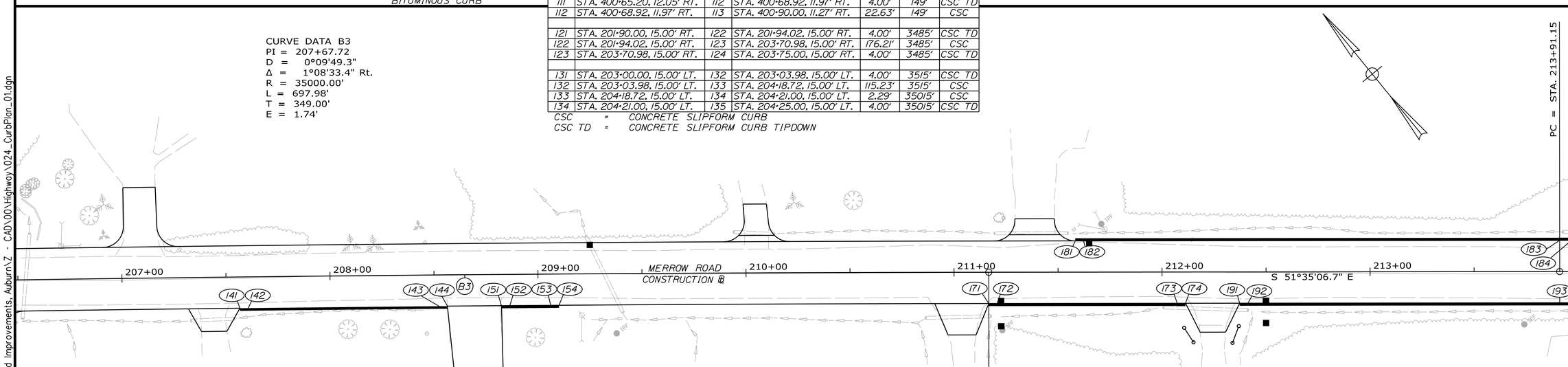
CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
101	STA. 200+12.52, 42.25' RT.	102	STA. 200+13.68, 38.51' RT.	4.00'	50'	CSC TD
102	STA. 200+13.68, 38.51' RT.	103	STA. 200+16.06, 32.98' RT.	6.24'	50'	CSC
103	STA. 200+16.06, 32.98' RT.	104	STA. 200+28.38, 22.64' RT.	18.06'	25'	CSC
104	STA. 200+28.38, 22.64' RT.	105	STA. 200+49.10, 18.74' RT.	23.55'	-	CSC
105	STA. 200+49.10, 18.74' RT.	106	STA. 400+18.76, 20.48' RT.	20.69'	25'	CSC
106	STA. 400+18.76, 20.48' RT.	107	STA. 400+28.29, 17.44' RT.	11.08'	-	CSC
107	STA. 400+28.29, 17.44' RT.	108	STA. 400+31.81, 16.50' RT.	4.00'	-	CSC TD
111	STA. 400+65.20, 12.05' RT.	112	STA. 400+68.92, 11.97' RT.	4.00'	149'	CSC TD
112	STA. 400+68.92, 11.97' RT.	113	STA. 400+90.00, 11.27' RT.	22.63'	149'	CSC
121	STA. 201+90.00, 15.00' RT.	122	STA. 201+94.02, 15.00' RT.	4.00'	3485'	CSC TD
122	STA. 201+94.02, 15.00' RT.	123	STA. 203+70.98, 15.00' RT.	176.21'	3485'	CSC
123	STA. 203+70.98, 15.00' RT.	124	STA. 203+75.00, 15.00' RT.	4.00'	3485'	CSC TD
131	STA. 203+00.00, 15.00' LT.	132	STA. 203+03.98, 15.00' LT.	4.00'	3515'	CSC TD
132	STA. 203+03.98, 15.00' LT.	133	STA. 204+18.72, 15.00' LT.	115.23'	3515'	CSC
133	STA. 204+18.72, 15.00' LT.	134	STA. 204+21.00, 15.00' LT.	2.29'	35015'	CSC
134	STA. 204+21.00, 15.00' LT.	135	STA. 204+25.00, 15.00' LT.	4.00'	35015'	CSC TD

CSC = CONCRETE SLIPFORM CURB
CSC TD = CONCRETE SLIPFORM CURB TIPDOWN

PLAN

25 0 25 50
Scale of Feet

CURVE DATA B3
PI = 207+67.72
D = 0°09'49.3"
Δ = 1°08'33.4" Rt.
R = 35000.00'
L = 697.98'
T = 349.00'
E = 1.74'



CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
141	STA. 207+56.55, 15.00' RT.	142	STA. 207+60.55, 15.00' RT.	4.00'	34985'	CSC TD
142	STA. 207+60.55, 15.00' RT.	143	STA. 208+52.33, 15.00' RT.	91.74'	34985'	CSC
143	STA. 208+52.33, 15.00' RT.	144	STA. 208+56.33, 15.00' RT.	4.00'	34985'	CSC TD
151	STA. 208+82.34, 15.00' RT.	152	STA. 208+86.34, 15.00' RT.	4.00'	34985'	CSC TD
152	STA. 208+86.34, 15.00' RT.	153	STA. 209+06.00, 15.00' RT.	19.65'	34985'	CSC
153	STA. 209+06.00, 15.00' RT.	154	STA. 209+10.00, 15.00' RT.	4.00'	34985'	CSC TD

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
171	STA. 211+16.70, 15.00' RT.	172	STA. 211+20.70, 15.00' RT.	4.00'	-	CSC TD
172	STA. 211+20.70, 15.00' RT.	173	STA. 212+07.29, 15.00' RT.	86.59'	-	CSC
173	STA. 212+07.29, 15.00' RT.	174	STA. 212+11.29, 15.00' RT.	4.00'	-	CSC TD
181	STA. 211+58.30, 15.00' LT.	182	STA. 211+62.30, 15.00' LT.	4.00'	-	CSC TD
182	STA. 211+62.30, 15.00' LT.	183	STA. 213+91.15, 15.00' LT.	228.85'	-	CSC
183	STA. 213+91.15, 15.00' LT.	184	STA. 213+96.91, 15.00' LT.	5.74'	2985'	CSC
184	STA. 213+96.91, 15.00' LT.	185	STA. 214+00.93, 15.00' LT.	4.00'	2985'	CSC TD
191	STA. 212+37.29, 15.00' RT.	192	STA. 212+41.29, 15.00' RT.	4.00'	-	CSC TD
192	STA. 212+41.29, 15.00' RT.	193	STA. 213+91.15, 15.00' RT.	149.86'	-	CSC

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CITY OF AUBURN
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CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	"	"	"
DESIGN3-DETAILED3	"	"	"
REVISIONS 1	"	"	"
REVISIONS 2	"	"	"
REVISIONS 3	"	"	"
REVISIONS 4	"	"	"
FIELD CHANGES	"	"	"

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

CURBING PLANS

SHEET NUMBER
24
OF 78

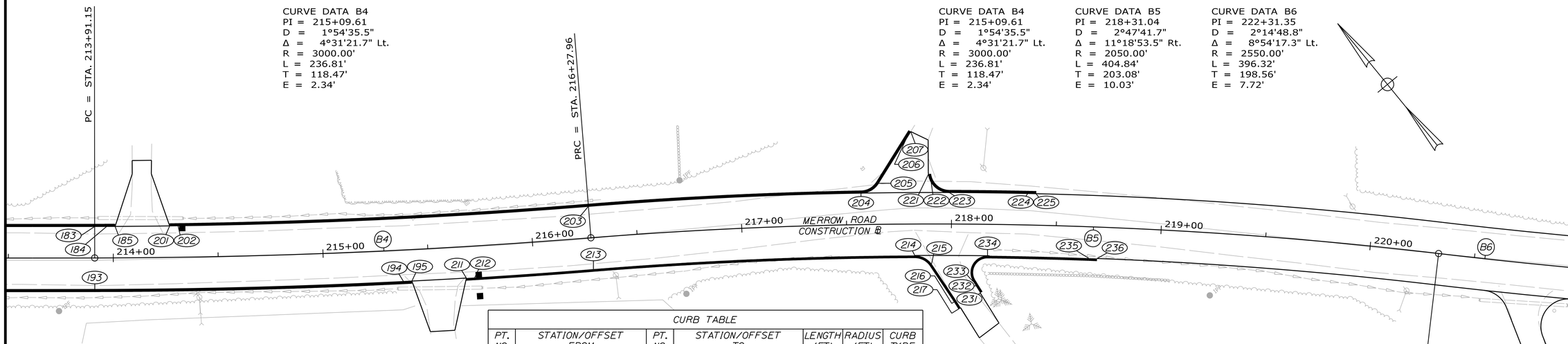
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\024_CurbPlan_01.dgn
Filename: ...\00\Highway\024_CurbPlan_01.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

CURVE DATA B4
PI = 215+09.61
D = 1°54'35.5"
Δ = 4°31'21.7" Lt.
R = 3000.00'
L = 236.81'
T = 118.47'
E = 2.34'

CURVE DATA B4
PI = 215+09.61
D = 1°54'35.5"
Δ = 4°31'21.7" Lt.
R = 3000.00'
L = 236.81'
T = 118.47'
E = 2.34'

CURVE DATA B5
PI = 218+31.04
D = 2°47'41.7"
Δ = 11°18'53.5" Rt.
R = 2050.00'
L = 404.84'
T = 203.08'
E = 10.03'

CURVE DATA B6
PI = 222+31.35
D = 2°14'48.8"
Δ = 8°54'17.3" Lt.
R = 2550.00'
L = 396.32'
T = 198.56'
E = 7.72'



PLAN

25 0 25 50
Scale of Feet

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
193	STA. 213+91.15, 15.00' RT.	194	STA. 215+37.68, 15.00' RT.	147.26'	3015'	CSC
194	STA. 215+37.68, 15.00' RT.	195	STA. 215+41.66, 15.00' RT.	4.00'	3015'	CSC TD
201	STA. 214+27.07, 15.00' LT.	202	STA. 214+31.09, 15.00' LT.	4.00'	2985'	CSC TD
202	STA. 214+31.09, 15.00' LT.	203	STA. 216+27.96, 15.00' LT.	195.89'	2985'	CSC
203	STA. 216+27.96, 15.00' LT.	204	STA. 217+57.14, 15.00' LT.	130.13'	2065'	CSC
204	STA. 217+57.14, 15.00' LT.	205	STA. 217+65.45, 19.57' LT.	9.95'	10'	CSC
205	STA. 217+65.45, 19.57' LT.	206	STA. 217+78.75, 40.71' LT.	25.08'	-	CSC
206	STA. 217+78.75, 40.71' LT.	207	STA. 217+80.85, 44.09' LT.	4.00'	-	CSC TD

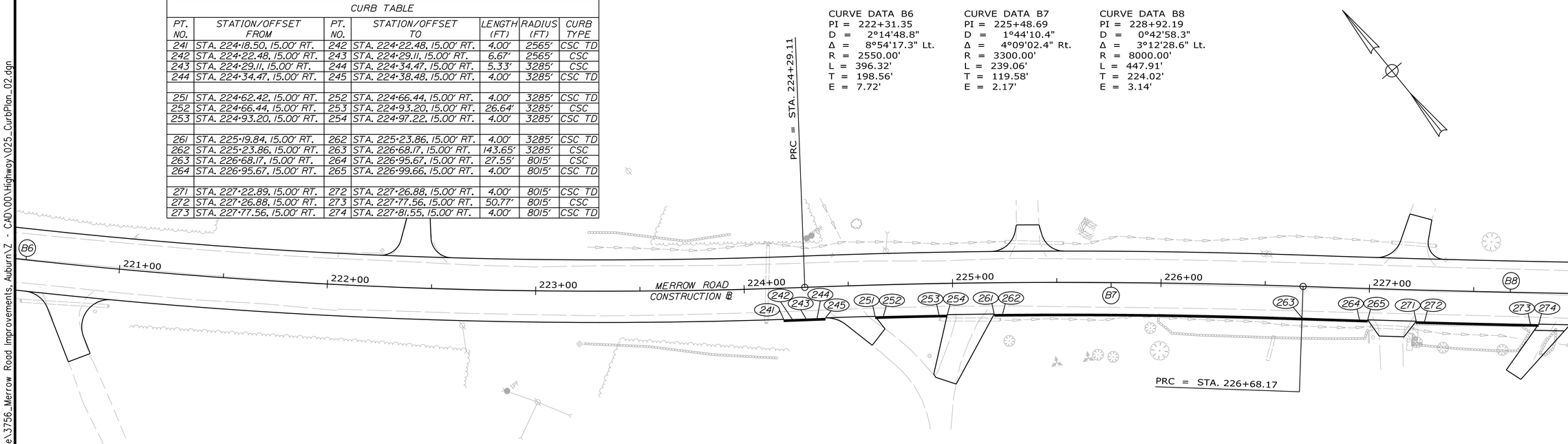
CSC = CONCRETE SLIPFORM CURB
CSC TD = CONCRETE SLIPFORM CURB TIPDOWN

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
211	STA. 215+67.53, 15.00' RT.	212	STA. 215+71.51, 15.00' RT.	4.00'	3015'	CSC TD
212	STA. 215+71.51, 15.00' RT.	213	STA. 216+27.96, 15.00' RT.	56.73'	3015'	CSC
213	STA. 216+27.96, 15.00' RT.	214	STA. 217+82.43, 15.00' RT.	153.34'	2035'	CSC
214	STA. 217+82.43, 15.00' RT.	215	STA. 217+90.51, 18.99' RT.	9.28'	10'	CSC
215	STA. 217+90.51, 18.99' RT.	216	STA. 218+02.47, 36.52' RT.	21.13'	-	CSC
216	STA. 218+02.47, 36.52' RT.	217	STA. 218+04.64, 39.90' RT.	4.00'	-	CSC TD
221	STA. 217+89.10, 23.79' LT.	222	STA. 217+90.33, 20.02' LT.	4.00'	10'	CSC TD
222	STA. 217+90.33, 20.02' LT.	223	STA. 217+98.91, 15.00' LT.	10.47'	10'	CSC
223	STA. 217+98.91, 15.00' LT.	224	STA. 218+36.03, 15.00' LT.	37.39'	2065'	CSC
224	STA. 218+36.03, 15.00' LT.	225	STA. 218+40.00, 15.00' LT.	4.00'	2065'	CSC TD
231	STA. 218+14.09, 32.79' RT.	232	STA. 218+11.91, 29.42' RT.	4.00'	-	CSC TD
232	STA. 218+11.91, 29.42' RT.	233	STA. 218+10.55, 27.30' RT.	2.51'	-	CSC
233	STA. 218+10.55, 27.30' RT.	234	STA. 218+17.38, 15.00' RT.	17.12'	8'	CSC
234	STA. 218+17.38, 15.00' RT.	235	STA. 218+65.97, 15.00' RT.	48.24'	2035'	CSC
235	STA. 218+65.97, 15.00' RT.	236	STA. 218+70.00, 15.00' RT.	4.00'	2035'	CSC TD

CURVE DATA B6
PI = 222+31.35
D = 2°14'48.8"
Δ = 8°54'17.3" Lt.
R = 2550.00'
L = 396.32'
T = 198.56'
E = 7.72'

CURVE DATA B7
PI = 225+48.69
D = 1°44'10.4"
Δ = 4°09'02.4" Rt.
R = 3300.00'
L = 239.06'
T = 119.58'
E = 2.17'

CURVE DATA B8
PI = 228+92.19
D = 0°42'58.3"
Δ = 3°12'28.6" Lt.
R = 8000.00'
L = 447.91'
T = 224.02'
E = 3.14'



CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
241	STA. 224+18.50, 15.00' RT.	242	STA. 224+22.48, 15.00' RT.	4.00'	2565'	CSC TD
242	STA. 224+22.48, 15.00' RT.	243	STA. 224+29.11, 15.00' RT.	6.67'	2565'	CSC
243	STA. 224+29.11, 15.00' RT.	244	STA. 224+34.47, 15.00' RT.	5.33'	3285'	CSC
244	STA. 224+34.47, 15.00' RT.	245	STA. 224+38.48, 15.00' RT.	4.00'	3285'	CSC TD
251	STA. 224+62.42, 15.00' RT.	252	STA. 224+66.44, 15.00' RT.	4.00'	3285'	CSC TD
252	STA. 224+66.44, 15.00' RT.	253	STA. 224+93.20, 15.00' RT.	26.64'	3285'	CSC
253	STA. 224+93.20, 15.00' RT.	254	STA. 224+97.22, 15.00' RT.	4.00'	3285'	CSC TD
261	STA. 225+19.84, 15.00' RT.	262	STA. 225+23.86, 15.00' RT.	4.00'	3285'	CSC TD
262	STA. 225+23.86, 15.00' RT.	263	STA. 226+68.17, 15.00' RT.	143.65'	3285'	CSC
263	STA. 226+68.17, 15.00' RT.	264	STA. 226+95.67, 15.00' RT.	27.55'	8015'	CSC
264	STA. 226+95.67, 15.00' RT.	265	STA. 226+99.66, 15.00' RT.	4.00'	8015'	CSC TD
271	STA. 227+22.89, 15.00' RT.	272	STA. 227+26.88, 15.00' RT.	4.00'	8015'	CSC TD
272	STA. 227+26.88, 15.00' RT.	273	STA. 227+77.56, 15.00' RT.	50.77'	8015'	CSC
273	STA. 227+77.56, 15.00' RT.	274	STA. 227+81.55, 15.00' RT.	4.00'	8015'	CSC TD

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South Portland, ME 04106

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

	BY	DATE
PROJ. MANAGER	K. BENNETT	
DESIGN-DETAILED	T. WARREN	02\25
CHECKED-REVIEWED	E. ROBINSON	02\25
DESIGN2-DETAILED2	J. WINCHENBACH	-
DESIGN3-DETAILED3	D. ETTINGER	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD
CURBING PLANS

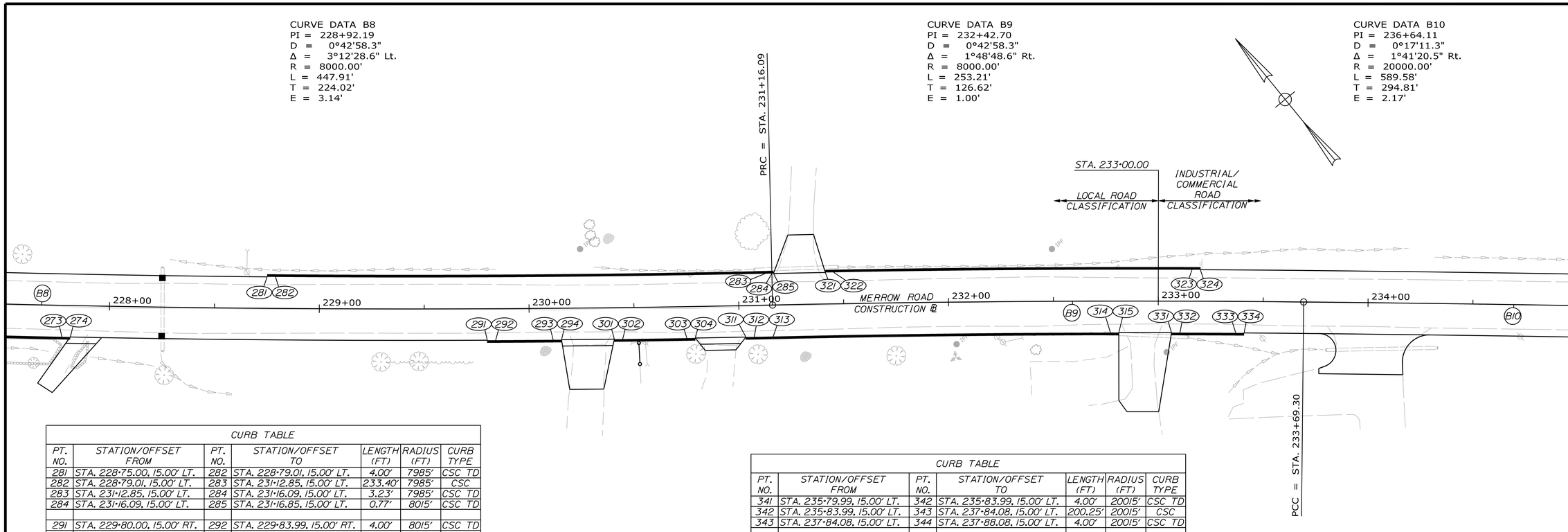
SHEET NUMBER
25
OF 78

Filename: ...\00\Highway\025_CurbPlan_02.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\025_CurbPlan_02.dgn

CURVE DATA B8
PI = 228+92.19
D = 0°42'58.3"
Δ = 3°12'28.6" Lt.
R = 8000.00'
L = 447.91'
T = 224.02'
E = 3.14'

CURVE DATA B9
PI = 232+42.70
D = 0°42'58.3"
Δ = 1°48'48.6" Rt.
R = 8000.00'
L = 253.21'
T = 126.62'
E = 1.00'

CURVE DATA B10
PI = 236+64.11
D = 0°17'11.3"
Δ = 1°41'20.5" Rt.
R = 20000.00'
L = 589.58'
T = 294.81'
E = 2.17'



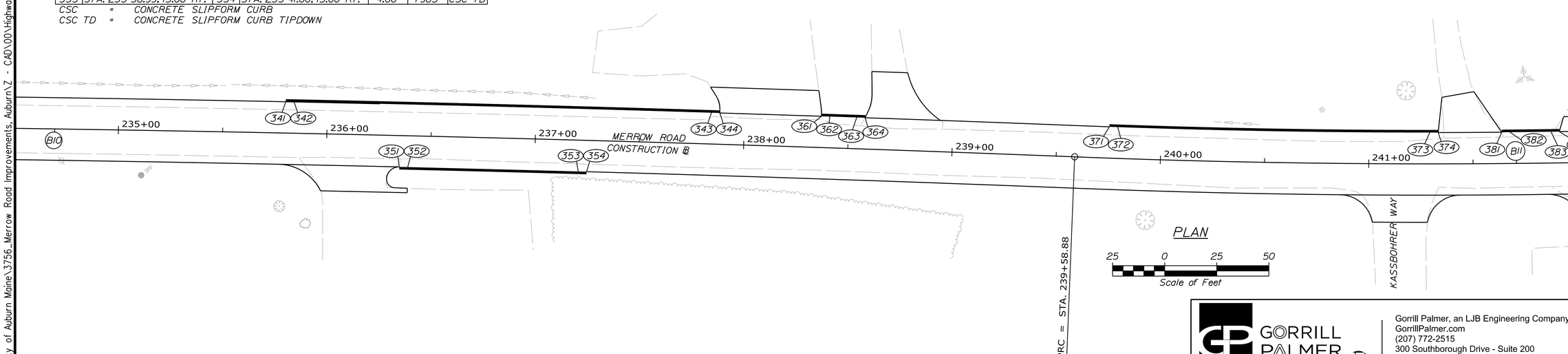
CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
281	STA. 228+75.00, 15.00' LT.	282	STA. 228+79.01, 15.00' LT.	4.00'	7985'	CSC TD
282	STA. 228+79.01, 15.00' LT.	283	STA. 231+12.85, 15.00' LT.	233.40'	7985'	CSC
283	STA. 231+12.85, 15.00' LT.	284	STA. 231+16.09, 15.00' LT.	3.23'	7985'	CSC TD
284	STA. 231+16.09, 15.00' LT.	285	STA. 231+16.85, 15.00' LT.	0.77'	8015'	CSC TD
291	STA. 229+80.00, 15.00' RT.	292	STA. 229+83.99, 15.00' RT.	4.00'	8015'	CSC TD
292	STA. 229+83.99, 15.00' RT.	293	STA. 230+11.34, 15.00' RT.	27.40'	8015'	CSC
293	STA. 230+11.34, 15.00' RT.	294	STA. 230+15.34, 15.00' RT.	4.00'	8015'	CSC TD
301	STA. 230+40.46, 15.00' RT.	302	STA. 230+44.45, 15.00' RT.	4.00'	8015'	CSC TD
302	STA. 230+44.45, 15.00' RT.	303	STA. 230+74.99, 15.00' RT.	30.59'	8015'	CSC
303	STA. 230+74.99, 15.00' RT.	304	STA. 230+78.98, 15.00' RT.	4.00'	8015'	CSC TD
311	STA. 231+03.08, 15.00' RT.	312	STA. 231+07.07, 15.00' RT.	4.00'	8015'	CSC TD
312	STA. 231+07.07, 15.00' RT.	313	STA. 231+16.09, 15.00' RT.	9.03'	8015'	CSC
313	STA. 231+16.09, 15.00' RT.	314	STA. 232+77.16, 15.00' RT.	160.77'	7985'	CSC
314	STA. 232+77.16, 15.00' RT.	315	STA. 232+81.16, 15.00' RT.	4.00'	7985'	CSC TD
321	STA. 231+41.50, 15.00' LT.	322	STA. 231+45.49, 15.00' LT.	4.00'	8015'	CSC TD
322	STA. 231+45.49, 15.00' LT.	323	STA. 233+16.01, 15.00' LT.	170.83'	8015'	CSC
323	STA. 233+16.01, 15.00' LT.	324	STA. 233+20.00, 15.00' LT.	4.00'	8015'	CSC TD
331	STA. 233+06.36, 15.00' RT.	332	STA. 233+10.37, 15.00' RT.	4.00'	7985'	CSC TD
332	STA. 233+10.37, 15.00' RT.	333	STA. 233+36.99, 15.00' RT.	26.58'	7985'	CSC
333	STA. 233+36.99, 15.00' RT.	334	STA. 233+41.00, 15.00' RT.	4.00'	7985'	CSC TD

CSC = CONCRETE SLIPFORM CURB
CSC TD = CONCRETE SLIPFORM CURB TIPDOWN

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
341	STA. 235+79.99, 15.00' LT.	342	STA. 235+83.99, 15.00' LT.	4.00'	20015'	CSC TD
342	STA. 235+83.99, 15.00' LT.	343	STA. 237+84.08, 15.00' LT.	200.25'	20015'	CSC
343	STA. 237+84.08, 15.00' LT.	344	STA. 237+88.08, 15.00' LT.	4.00'	20015'	CSC TD
351	STA. 236+35.12, 15.00' RT.	352	STA. 236+39.12, 15.00' RT.	4.00'	19985'	CSC TD
352	STA. 236+39.12, 15.00' RT.	353	STA. 237+21.00, 15.00' RT.	81.81'	19985'	CSC
353	STA. 237+21.00, 15.00' RT.	354	STA. 237+25.00, 15.00' RT.	4.00'	19985'	CSC TD
361	STA. 238+36.82, 15.00' LT.	362	STA. 238+40.82, 15.00' LT.	4.00'	20015'	CSC TD
362	STA. 238+40.82, 15.00' LT.	363	STA. 238+53.76, 15.00' LT.	12.95'	20015'	CSC
363	STA. 238+53.76, 15.00' LT.	364	STA. 238+57.76, 15.00' LT.	4.00'	20015'	CSC TD
371	STA. 239+75.00, 15.00' LT.	372	STA. 239+79.01, 15.00' LT.	4.00'	4285'	CSC TD
372	STA. 239+79.01, 15.00' LT.	373	STA. 241+29.26, 15.00' LT.	149.73'	4285'	CSC
373	STA. 241+29.26, 15.00' LT.	374	STA. 241+33.28, 15.00' LT.	4.00'	4285'	CSC TD
381	STA. 241+63.90, 15.00' LT.	382	STA. 241+67.91, 15.00' LT.	4.00'	4285'	CSC TD
382	STA. 241+67.91, 15.00' LT.	383	STA. 241+87.59, 15.00' LT.	19.61'	4285'	CSC
383	STA. 241+87.59, 15.00' LT.	384	STA. 241+91.61, 15.00' LT.	4.00'	4285'	CSC TD

CURVE DATA B10
PI = 236+64.11
D = 0°17'11.3"
Δ = 1°41'20.5" Rt.
R = 20000.00'
L = 589.58'
T = 294.81'
E = 2.17'

CURVE DATA B11
PI = 241+01.13
D = 1°19'56.9"
Δ = 3°47'21.9" Lt.
R = 4300.00'
L = 284.39'
T = 142.25'
E = 2.35'



PLAN
25 0 25 50
Scale of Feet

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AUBURN, MAINE 04210

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CHECKED-REVIEWED	K. BENNETT		
DESIGN2-DETAILED2	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD
CURBING PLANS

SHEET NUMBER
26
OF 78

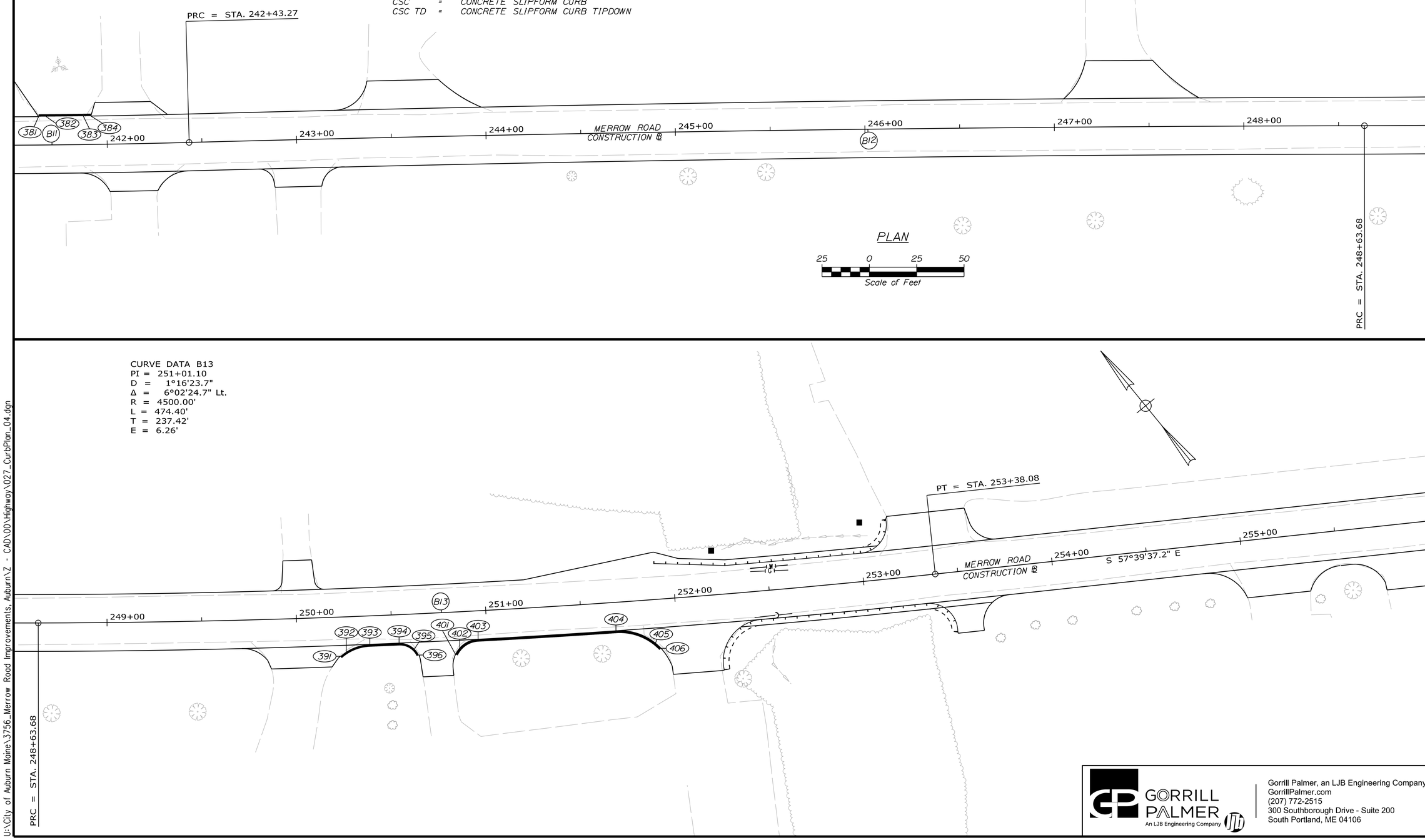
Filename: ...\00\Highway\026_CurbPlan_03.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\026_CurbPlan_03.dgn

CURVE DATA B11
PI = 241+01.13
D = 1°19'56.9"
Δ = 3°47'21.9" Lt.
R = 4300.00'
L = 284.39'
T = 142.25'
E = 2.35'

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
391	STA. 250+22.35, 20.72' RT.	392	STA. 250+25.61, 18.42' RT.	4.00'	25'	CSC TD
392	STA. 250+25.61, 18.42' RT.	393	STA. 250+38.16, 15.00' RT.	13.20'	25'	CSC
393	STA. 250+38.16, 15.00' RT.	394	STA. 250+53.56, 15.00' RT.	15.45'	45/5'	CSC
394	STA. 250+53.56, 15.00' RT.	395	STA. 250+61.49, 18.42' RT.	8.91'	11'	CSC
395	STA. 250+61.49, 18.42' RT.	396	STA. 250+63.65, 21.76' RT.	4.00'	11'	CSC TD
401	STA. 250+82.92, 22.37' RT.	402	STA. 250+85.27, 19.16' RT.	4.00'	14'	CSC TD
402	STA. 250+85.27, 19.16' RT.	403	STA. 250+95.18, 15.00' RT.	11.07'	14'	CSC
403	STA. 250+95.18, 15.00' RT.	404	STA. 251+67.82, 15.00' RT.	72.89'	45/5'	CSC
404	STA. 251+67.82, 15.00' RT.	405	STA. 251+88.07, 23.00' RT.	22.37'	30'	CSC
405	STA. 251+88.07, 23.00' RT.	406	STA. 251+90.79, 25.92' RT.	4.00'	30'	CSC TD

CSC = CONCRETE SLIPFORM CURB
CSC TD = CONCRETE SLIPFORM CURB TIPDOWN

CURVE DATA B12
PI = 245+53.49
D = 0°13'45.1"
Δ = 1°25'18.7" Rt.
R = 25000.00'
L = 620.41'
T = 310.22'
E = 1.92'



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD
CURBING PLANS

SHEET NUMBER
27
OF 78

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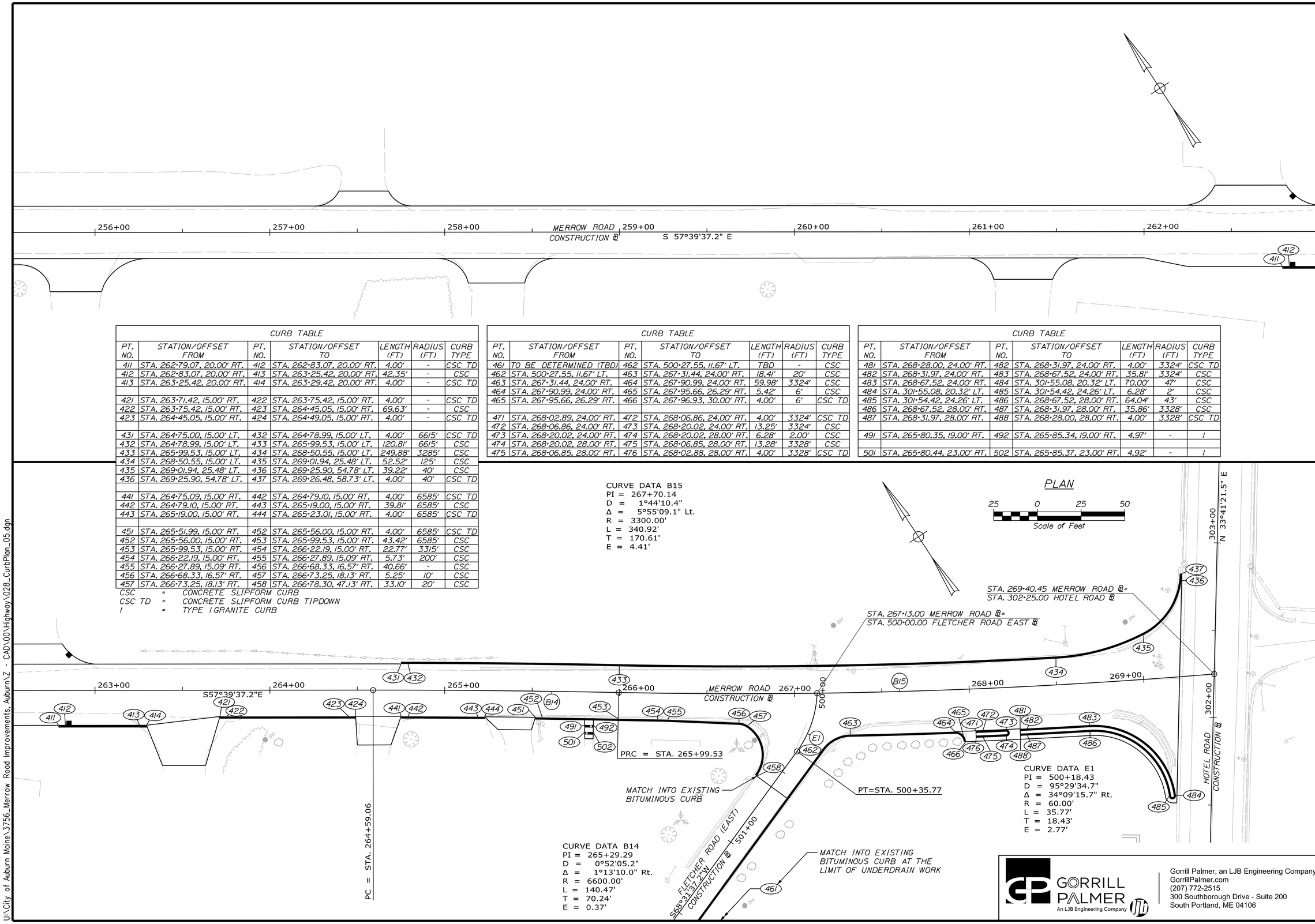
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\027_CurbPlan_04.dgn
Filename: ...\00\Highway\027_CurbPlan_04.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025



CURVE DATA B15
PI = 267+70.14
D = 1°44'10.4"
Δ = 5°55'09.1" Lt.
R = 3300.00'
L = 340.92'
T = 170.61'
E = 4.41'

CURVE DATA E1
PI = 500+18.43
D = 95°29'34.7"
Δ = 34°09'15.7" Rt.
R = 60.00'
L = 35.77'
T = 18.43'
E = 2.77'

CURVE DATA B14
PI = 265+29.29
D = 0°52'05.2"
Δ = 1°13'10.0" Rt.
R = 6600.00'
L = 140.47'
T = 70.24'
E = 0.37'

CURB TABLE

PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
411	STA. 262+79.07, 20.00' RT.	412	STA. 262+83.07, 20.00' RT.	4.00'	-	CSC TD
412	STA. 262+83.07, 20.00' RT.	413	STA. 263+25.42, 20.00' RT.	42.35'	-	CSC
413	STA. 263+25.42, 20.00' RT.	414	STA. 263+29.42, 20.00' RT.	4.00'	-	CSC TD
421	STA. 263+71.42, 15.00' RT.	422	STA. 263+75.42, 15.00' RT.	4.00'	-	CSC TD
422	STA. 263+75.42, 15.00' RT.	423	STA. 264+45.05, 15.00' RT.	69.63'	-	CSC
423	STA. 264+45.05, 15.00' RT.	424	STA. 264+49.05, 15.00' RT.	4.00'	-	CSC TD
431	STA. 264+75.00, 15.00' LT.	432	STA. 264+78.99, 15.00' LT.	4.00'	6615'	CSC TD
432	STA. 264+78.99, 15.00' LT.	433	STA. 265+99.53, 15.00' LT.	120.81'	6615'	CSC
433	STA. 265+99.53, 15.00' LT.	434	STA. 268+50.55, 15.00' LT.	249.88'	3285'	CSC
434	STA. 268+50.55, 15.00' LT.	435	STA. 269+01.94, 25.48' LT.	52.52'	125'	CSC
435	STA. 269+01.94, 25.48' LT.	436	STA. 269+25.90, 54.78' LT.	39.22'	40'	CSC
436	STA. 269+25.90, 54.78' LT.	437	STA. 269+26.48, 58.73' LT.	4.00'	40'	CSC TD
441	STA. 264+75.09, 15.00' RT.	442	STA. 264+79.10, 15.00' RT.	4.00'	6585'	CSC TD
442	STA. 264+79.10, 15.00' RT.	443	STA. 265+19.00, 15.00' RT.	39.81'	6585'	CSC
443	STA. 265+19.00, 15.00' RT.	444	STA. 265+23.01, 15.00' RT.	4.00'	6585'	CSC TD
451	STA. 265+51.99, 15.00' RT.	452	STA. 265+56.00, 15.00' RT.	4.00'	6585'	CSC TD
452	STA. 265+56.00, 15.00' RT.	453	STA. 265+99.53, 15.00' RT.	43.42'	6585'	CSC
453	STA. 265+99.53, 15.00' RT.	454	STA. 266+22.19, 15.00' RT.	22.77'	3315'	CSC
454	STA. 266+22.19, 15.00' RT.	455	STA. 266+27.89, 15.09' RT.	5.73'	200'	CSC
455	STA. 266+27.89, 15.09' RT.	456	STA. 266+68.33, 16.57' RT.	40.66'	-	CSC
456	STA. 266+68.33, 16.57' RT.	457	STA. 266+73.25, 18.13' RT.	5.25'	10'	CSC
457	STA. 266+73.25, 18.13' RT.	458	STA. 266+78.30, 47.13' RT.	33.10'	20'	CSC

CSC = CONCRETE SLIPFORM CURB
CSC TD = CONCRETE SLIPFORM CURB TIPDOWN
I = TYPE I GRANITE CURB

CURB TABLE

PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
461	TO BE DETERMINED (TBD)	462	STA. 500+27.55, 11.67' LT.	TBD	-	CSC
462	STA. 500+27.55, 11.67' LT.	463	STA. 267+31.44, 24.00' RT.	18.41'	20'	CSC
463	STA. 267+31.44, 24.00' RT.	464	STA. 267+90.99, 24.00' RT.	59.98'	3324'	CSC
464	STA. 267+90.99, 24.00' RT.	465	STA. 267+95.66, 26.29' RT.	5.42'	6'	CSC
465	STA. 267+95.66, 26.29' RT.	466	STA. 267+96.93, 30.00' RT.	4.00'	6'	CSC TD
471	STA. 268+02.89, 24.00' RT.	472	STA. 268+06.86, 24.00' RT.	4.00'	3324'	CSC TD
472	STA. 268+06.86, 24.00' RT.	473	STA. 268+20.02, 24.00' RT.	13.25'	3324'	CSC
473	STA. 268+20.02, 24.00' RT.	474	STA. 268+20.02, 28.00' RT.	6.28'	2.00'	CSC
474	STA. 268+20.02, 28.00' RT.	475	STA. 268+06.85, 28.00' RT.	13.28'	3328'	CSC
475	STA. 268+06.85, 28.00' RT.	476	STA. 268+02.88, 28.00' RT.	4.00'	3328'	CSC TD

CURB TABLE

PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
481	STA. 268+28.00, 24.00' RT.	482	STA. 268+31.97, 24.00' RT.	4.00'	3324'	CSC TD
482	STA. 268+31.97, 24.00' RT.	483	STA. 268+67.52, 24.00' RT.	35.81'	3324'	CSC
483	STA. 268+67.52, 24.00' RT.	484	STA. 301+55.08, 20.32' LT.	70.00'	47'	CSC
484	STA. 301+55.08, 20.32' LT.	485	STA. 301+54.42, 24.26' LT.	6.28'	2'	CSC
485	STA. 301+54.42, 24.26' LT.	486	STA. 268+67.52, 28.00' RT.	64.04'	43'	CSC
486	STA. 268+67.52, 28.00' RT.	487	STA. 268+31.97, 28.00' RT.	35.86'	3328'	CSC
487	STA. 268+31.97, 28.00' RT.	488	STA. 268+28.00, 28.00' RT.	4.00'	3328'	CSC TD
491	STA. 265+80.35, 19.00' RT.	492	STA. 265+85.34, 19.00' RT.	4.97'	-	I
501	STA. 265+80.44, 23.00' RT.	502	STA. 265+85.37, 23.00' RT.	4.92'	-	I

Filename: ...\00\Highway\028_CurbPlan_05.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\028_CurbPlan_05.dgn

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
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CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

CURBING PLANS

SHEET NUMBER
28
OF 78

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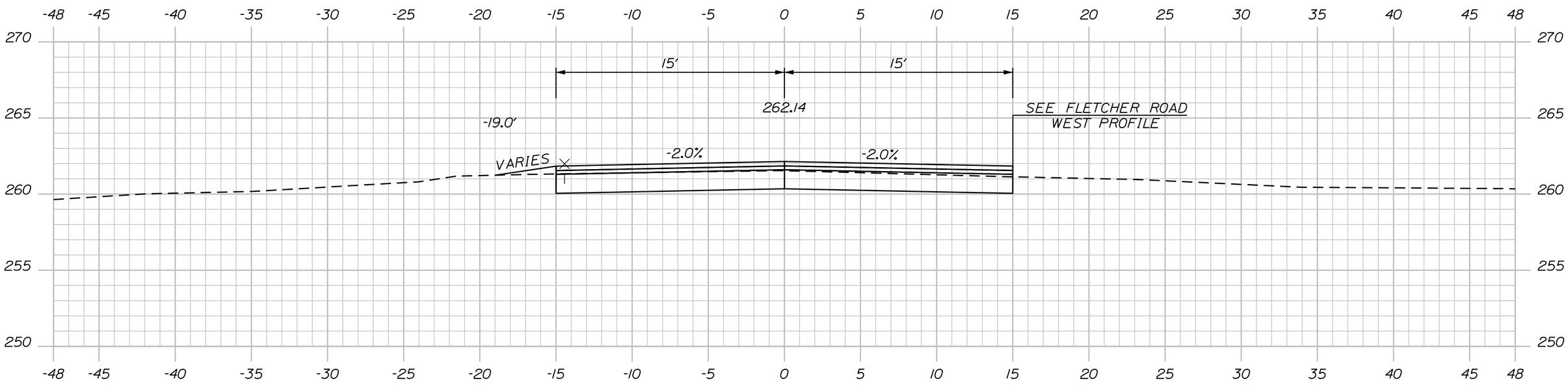
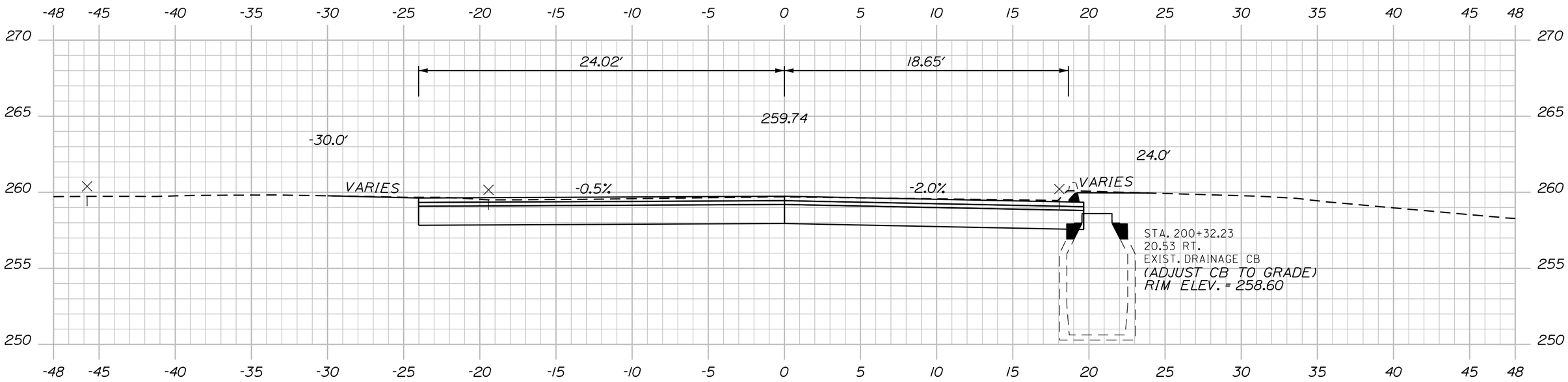
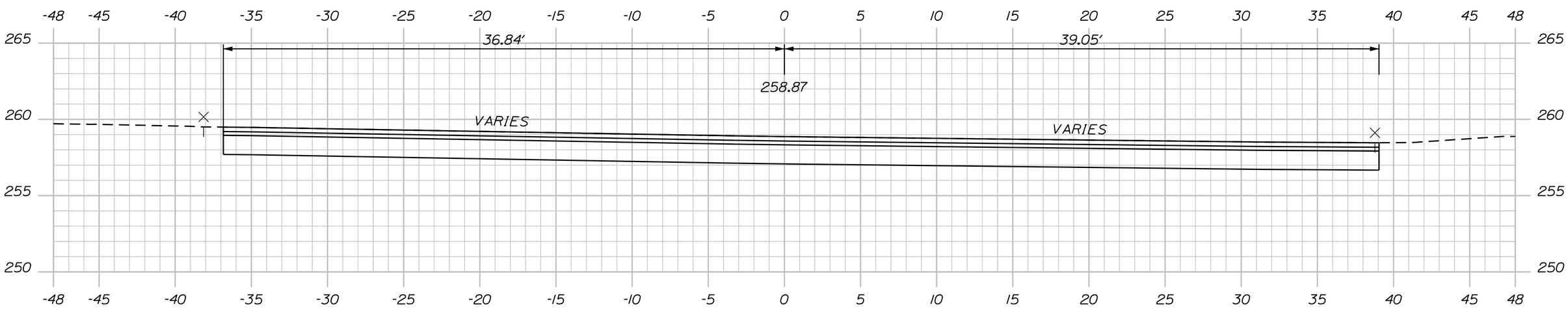


201+00.00

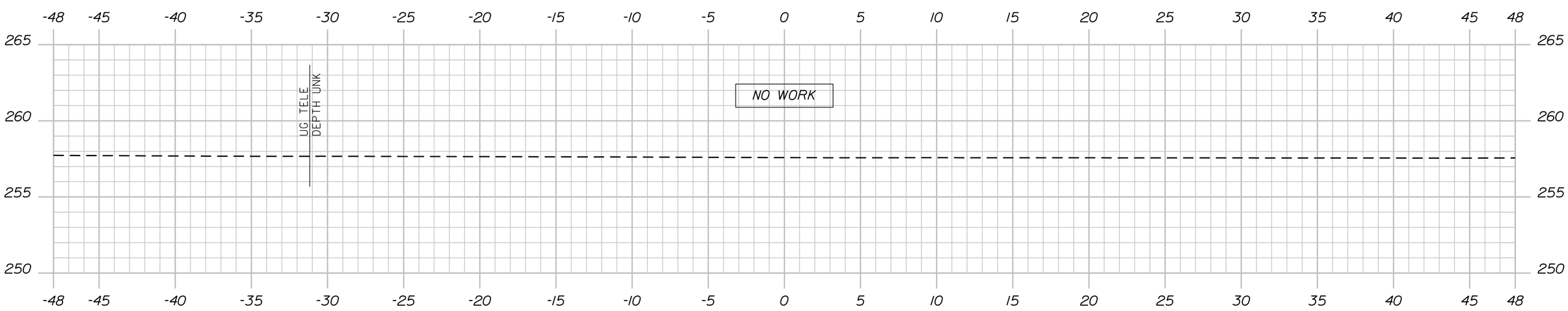
STA. 200+77.23 MERROW ROAD ℄=
STA. 400+00.00 FLETCHER ROAD WEST ℄



200+50.00



200+25.85
(SKEWED)



200+00.00

STA. 200+00.00 MERROW ROAD ℄=
STA. 105+50.00 MINOT AVENUE ℄

STA. 200+23.18
BEGIN PROJECT
LIMIT OF WORK
BEGIN FULL DEPTH RECONSTRUCTION
MATCH EXISTING PAVEMENT

Sta. 200+00.00 to Sta. 201+00.00

SHEET NUMBER 29 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

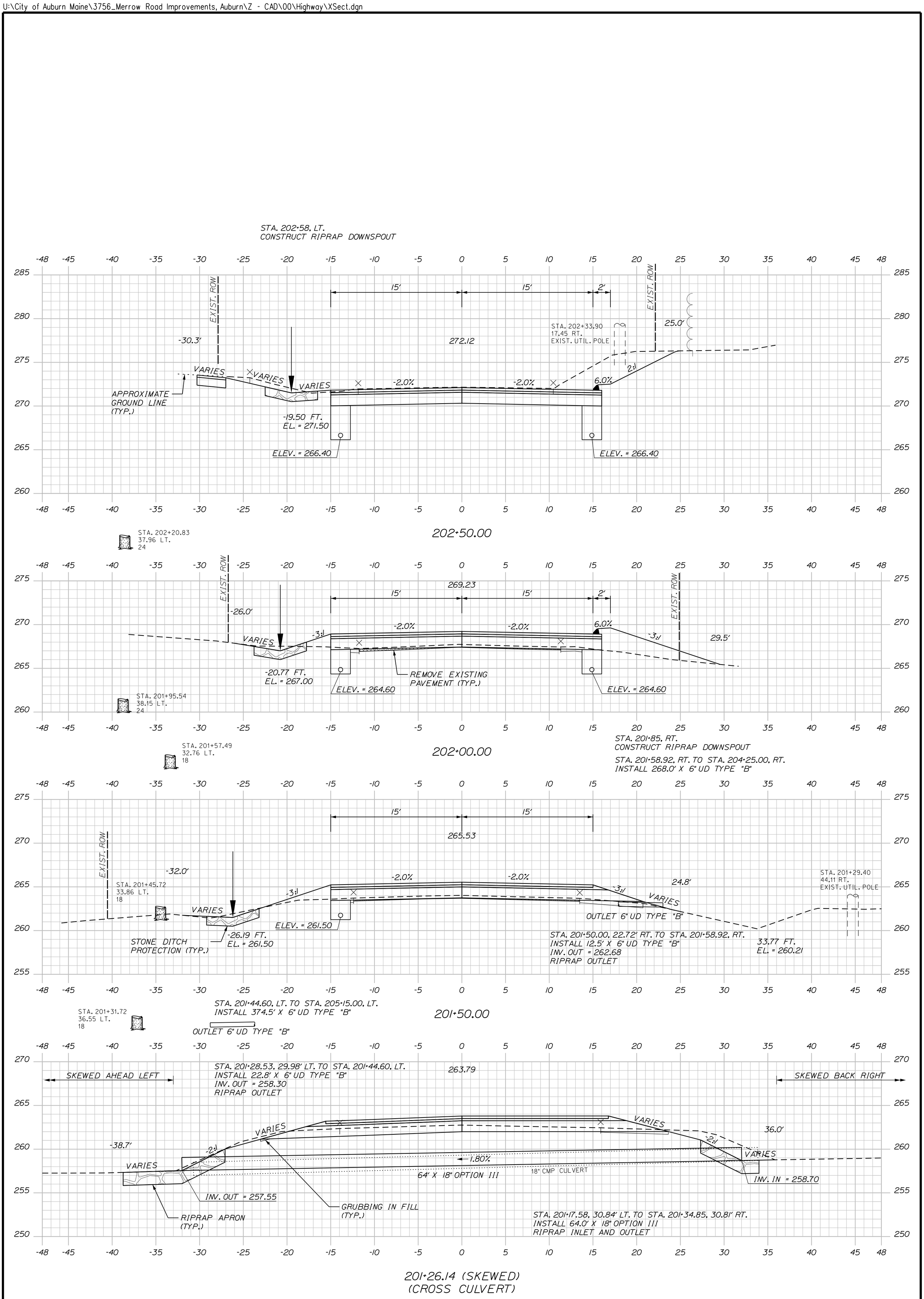
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



Sta. 201+26.14 to Sta. 202+50.00

SHEET NUMBER 30 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

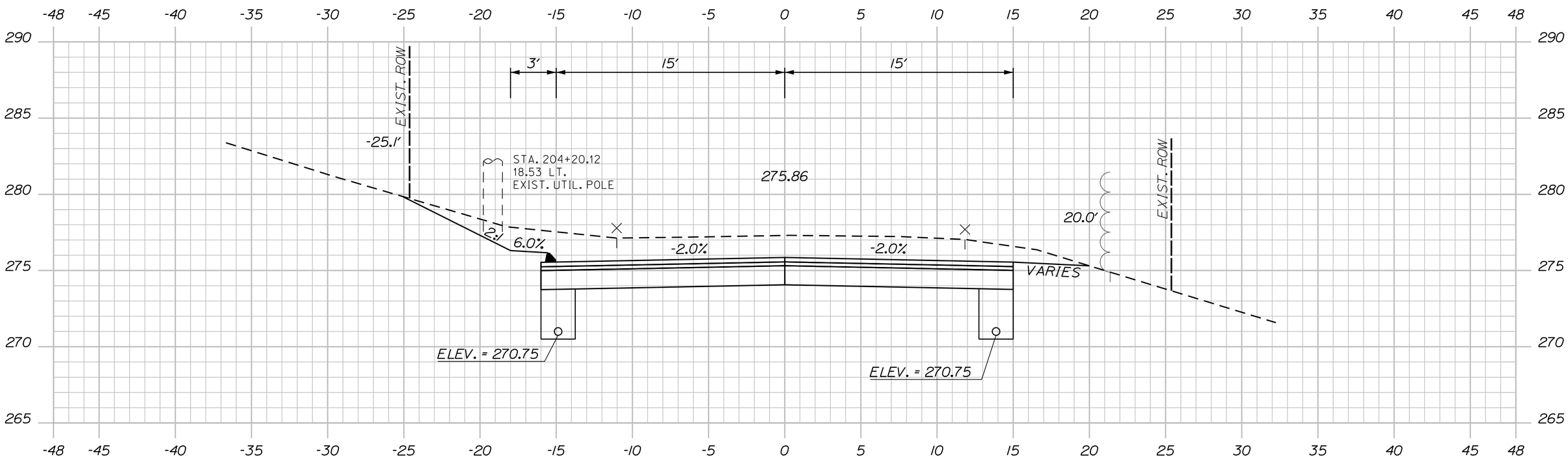
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

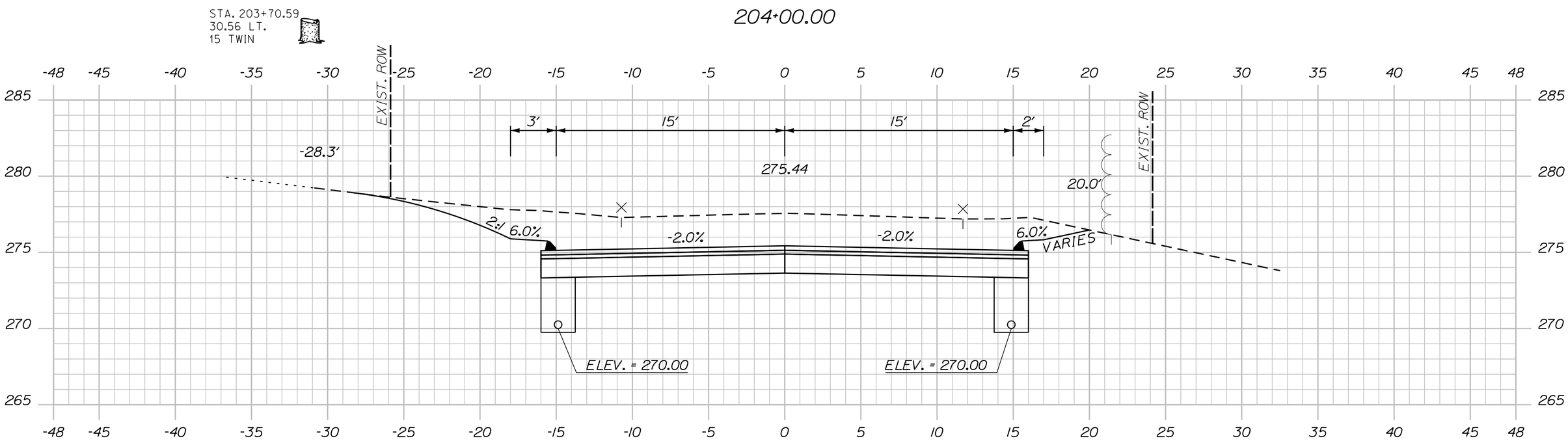
P.E. NUMBER

DATE

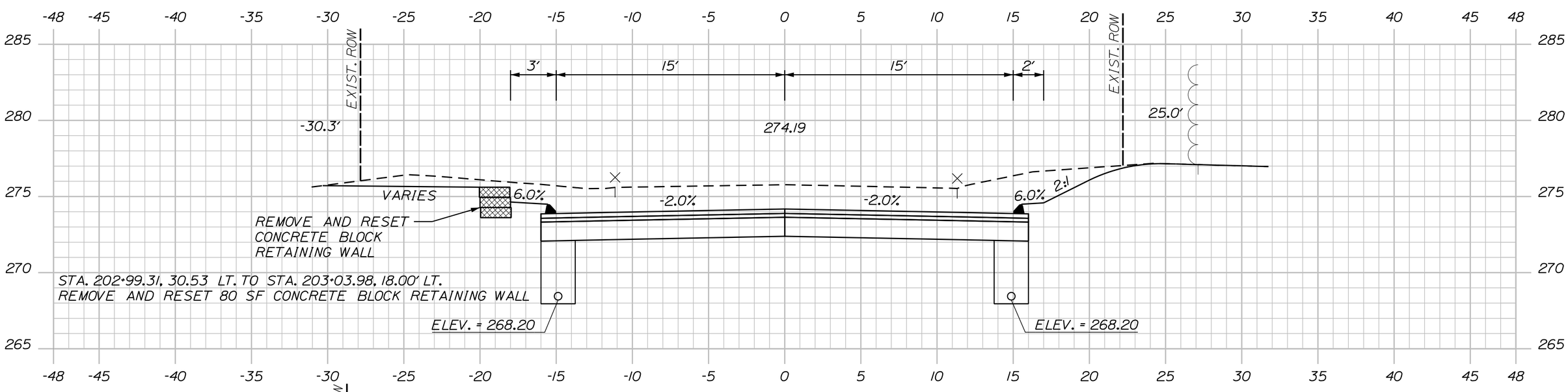
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



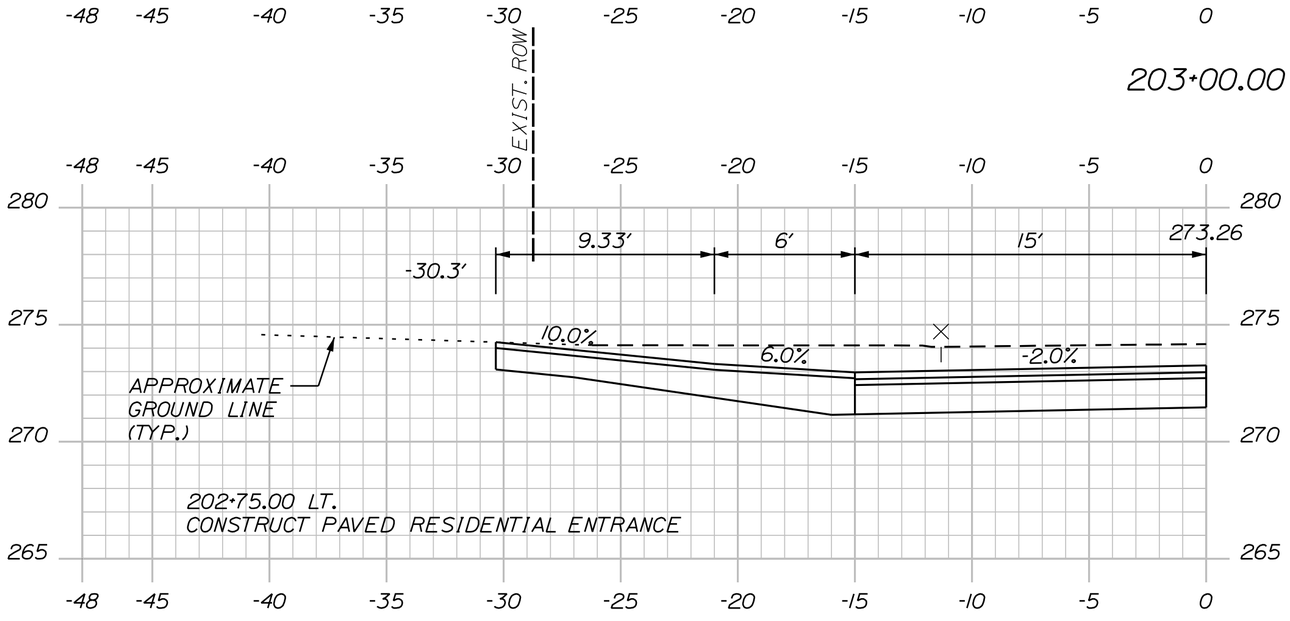
204+00.00



203+50.00



203+00.00



202+75.00
(PAVED RESIDENTIAL ENTRANCE)

Sta. 202+75.00 to Sta. 204+00.00

SHEET NUMBER 31 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

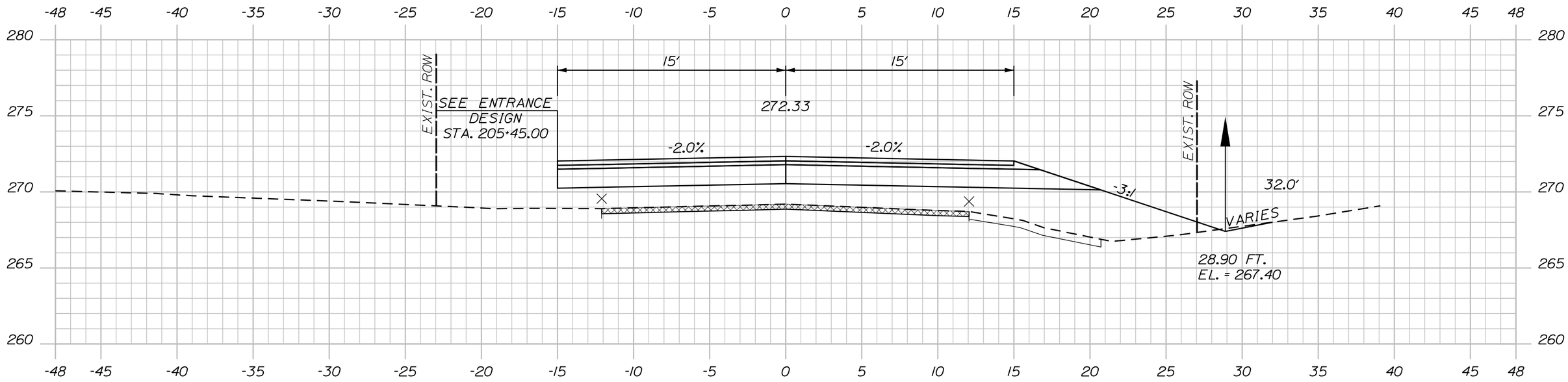
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

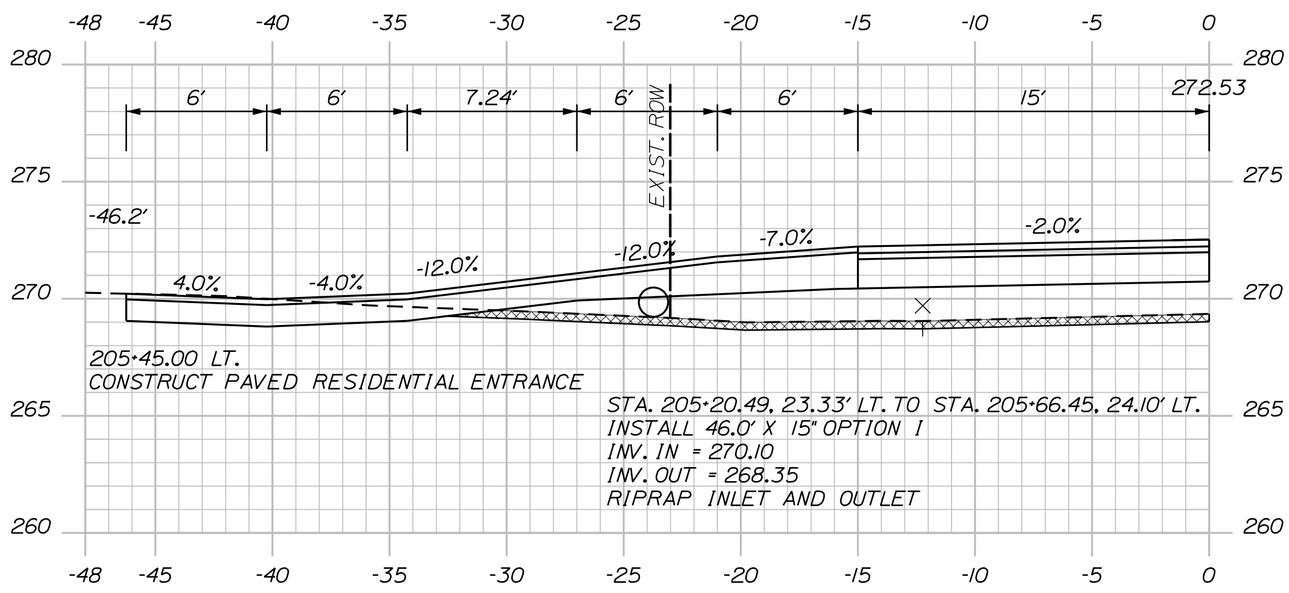
P.E. NUMBER

DATE

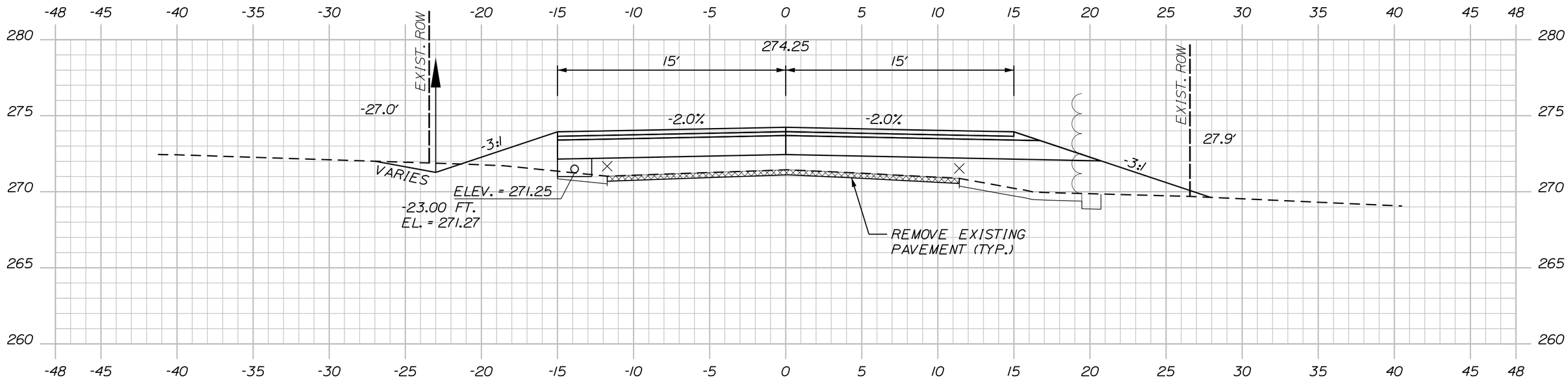
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



205+50.00

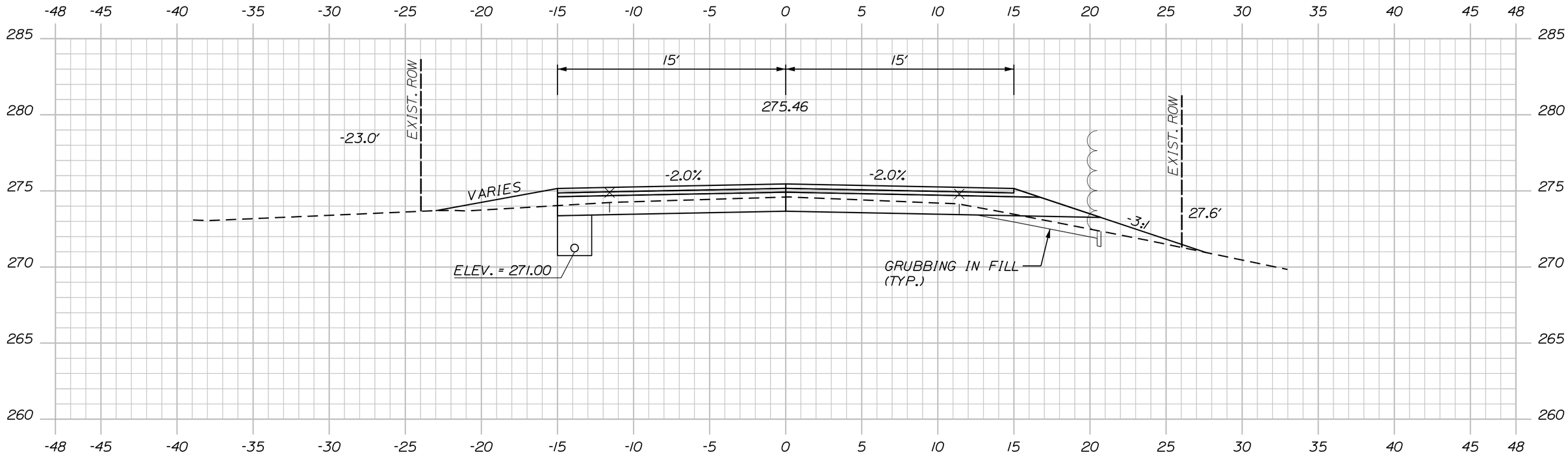


205+45.00
(PAVED RESIDENTIAL ENTRANCE)



STA. 204+72.58
33.19 LT.
15SPR

205+00.00



204+50.00

Sta. 204+50.00 to Sta. 205+50.00

SHEET NUMBER 32 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

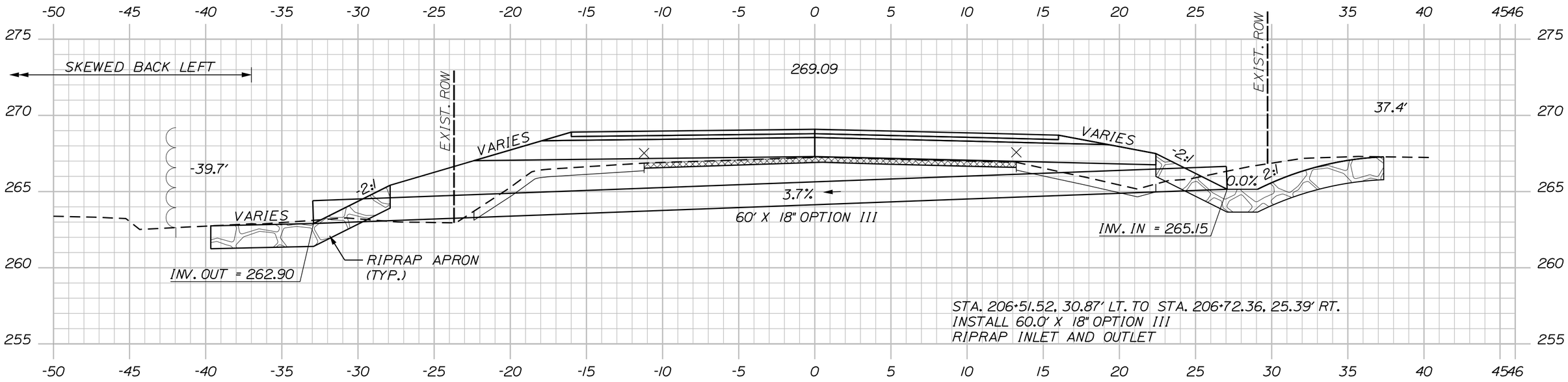
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

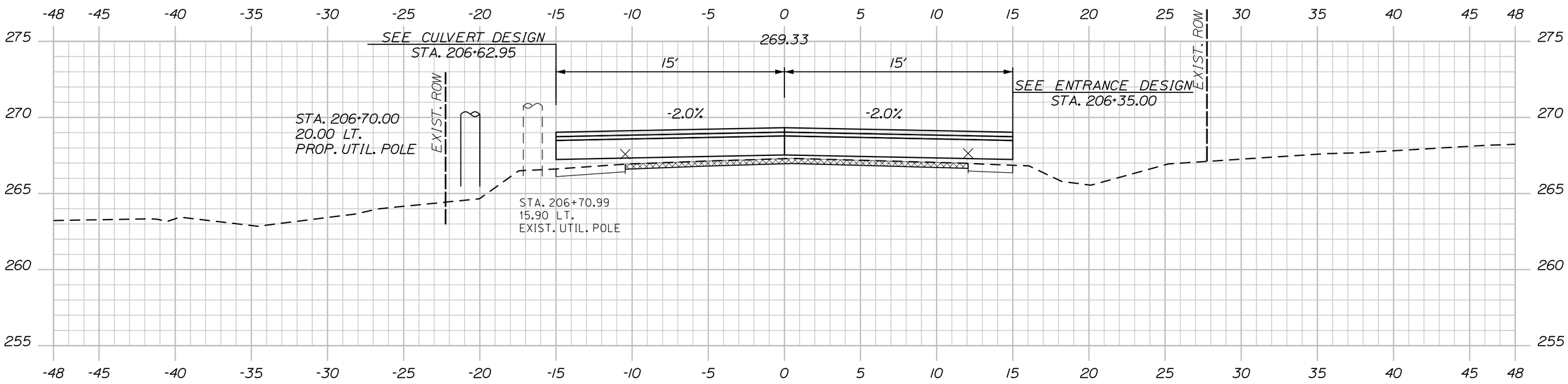
P.E. NUMBER

DATE

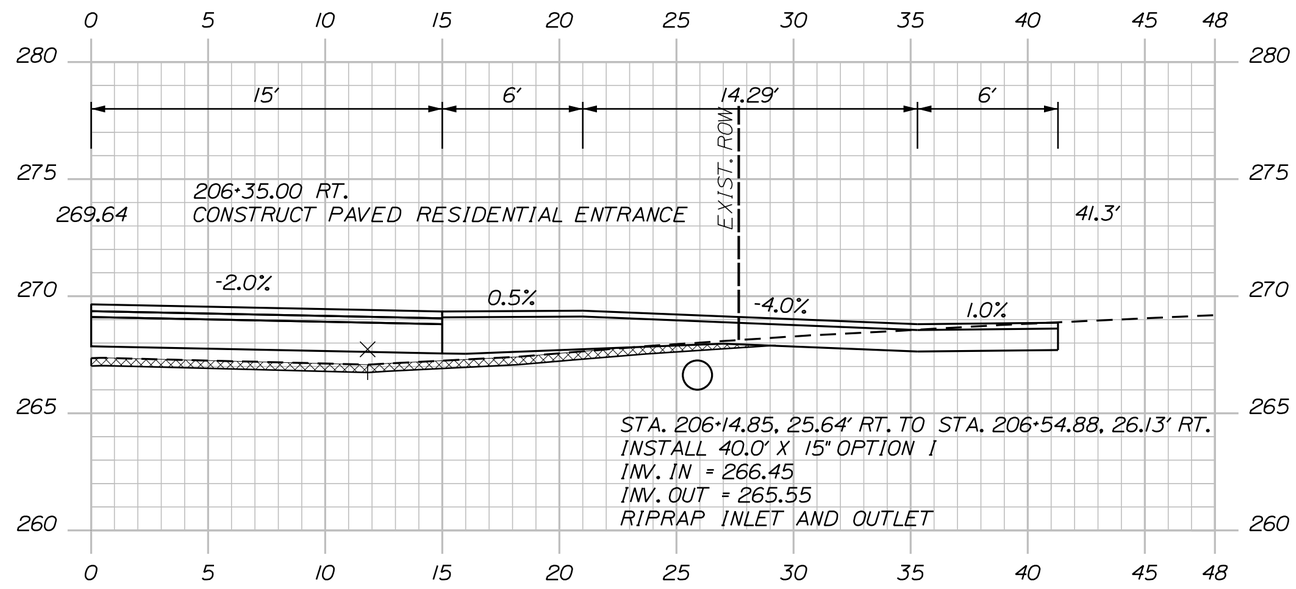
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



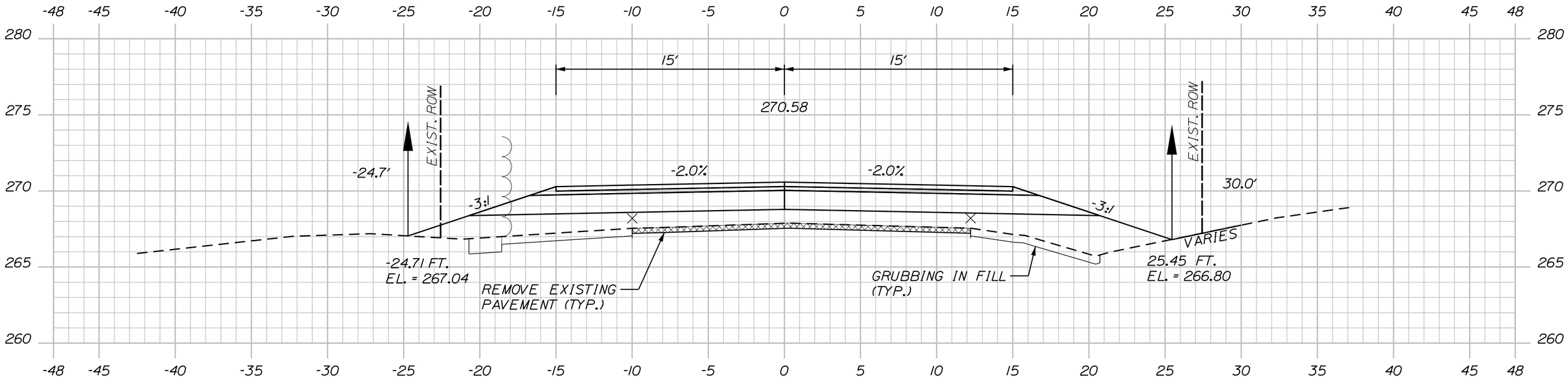
206+62.95 (SKEWED)
(CROSS CULVERT)



206+50.00



206+35.00
(PAVED RESIDENTIAL ENTRANCE)



206+00.00

Sta. 206+00.00 to Sta. 206+62.95

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

SHEET NUMBER 33 OF 78

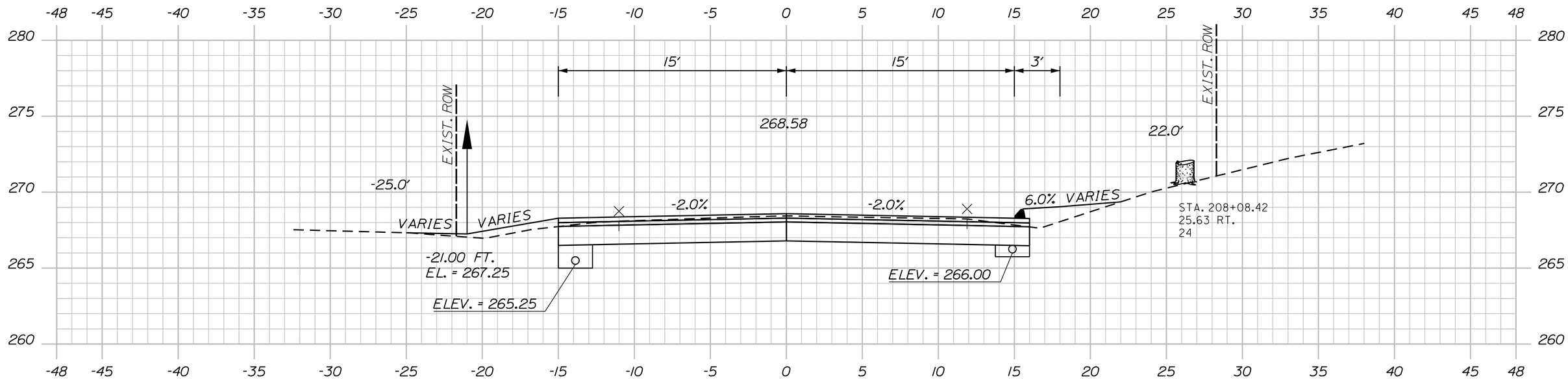
AUBURN MERROW ROAD

CROSS SECTIONS

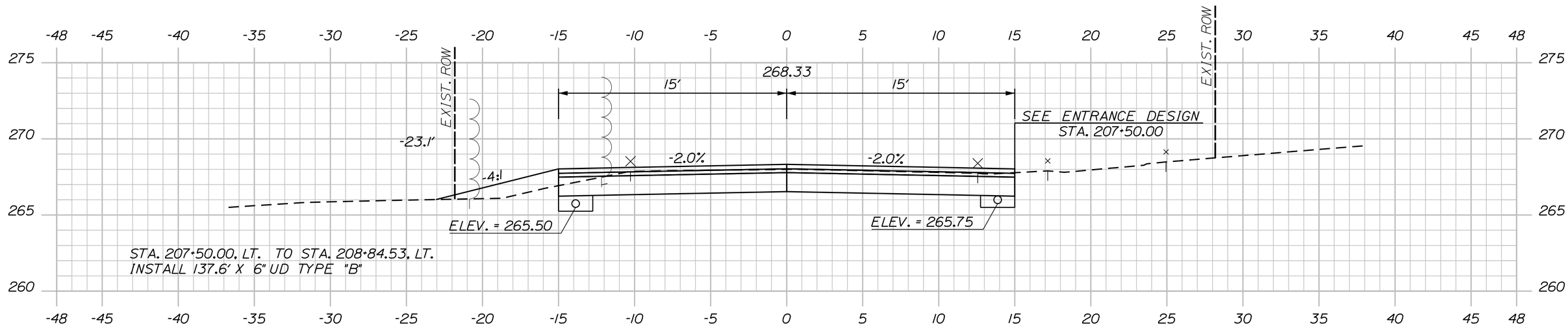
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

STA. 208+21.20
14.39 LT.
20PINE
(REMOVE)

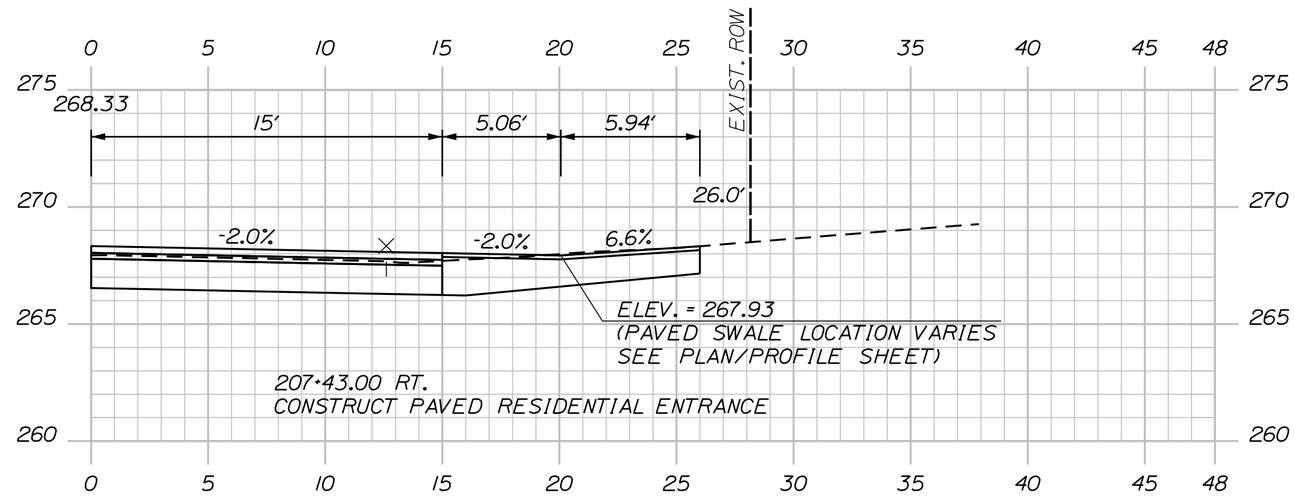
STA. 208+10.26
15.04 LT.
20PINE
(REMOVE)



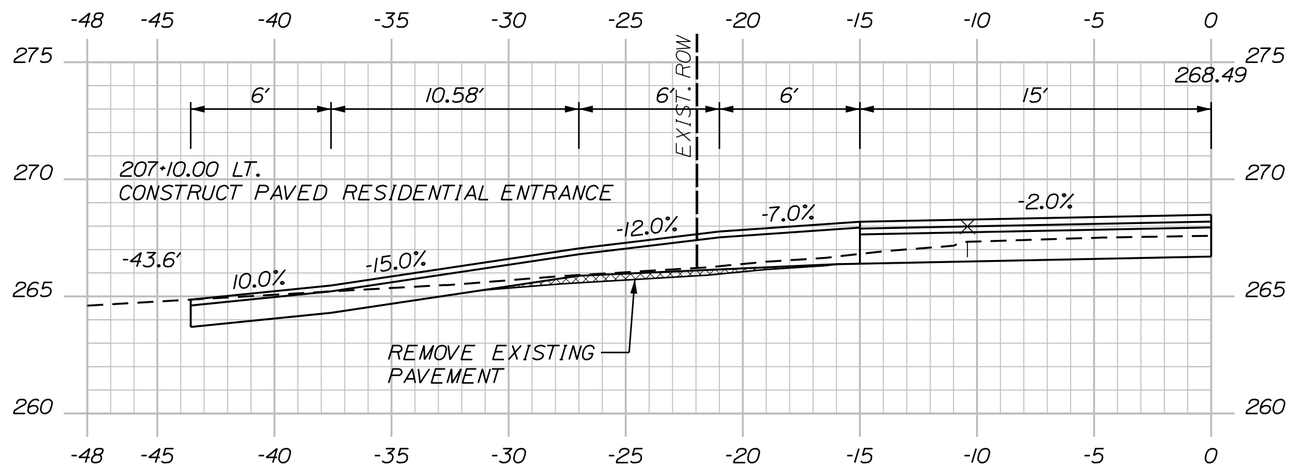
208+00.00



207+50.00



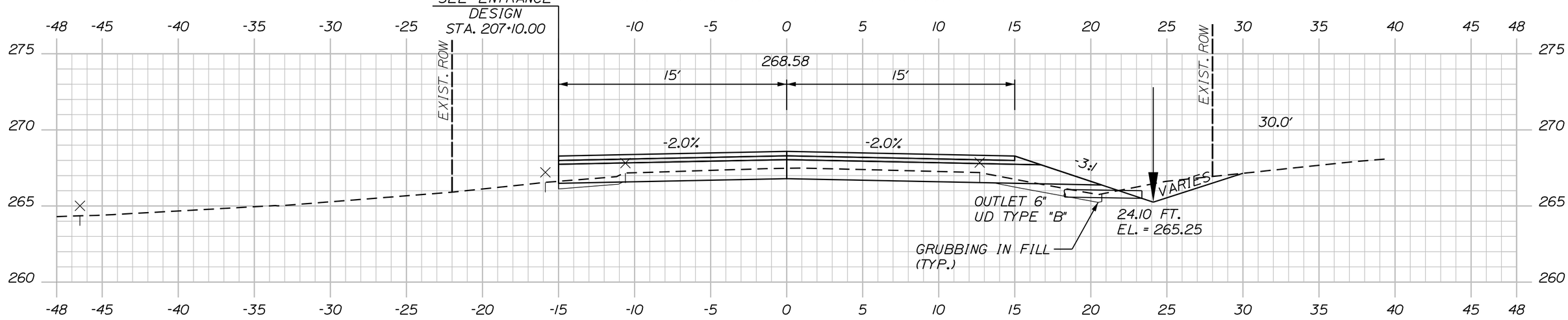
207+43.00
(GRASSED FIELD ENTRANCE)



207+10.00
(PAVED RESIDENTIAL ENTRANCE)

STA. 207+27, RT.
CONSTRUCT RIPRAP DOWNSPOUT

STA. 207+10.23, RT. TO STA. 209+10.00, RT.
INSTALL 202.7' X 6" UD TYPE "B"



STA. 206+91.53
35.59 LT.
12IN

STA. 206+84.77
30.36 LT.
15BPIPF

STA. 206+91.49
20.60 LT.
8FIR
(REMOVE)

207+00.00

STA. 207+00.00, 24.10' RT. TO STA. 207+10.23, RT.
INSTALL 14.5' X 6" UD TYPE "B"
INV. OUT = 265.50
RIPRAP OUTLET

Sta. 207+00.00 to Sta. 208+00.00

SHEET NUMBER 34 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

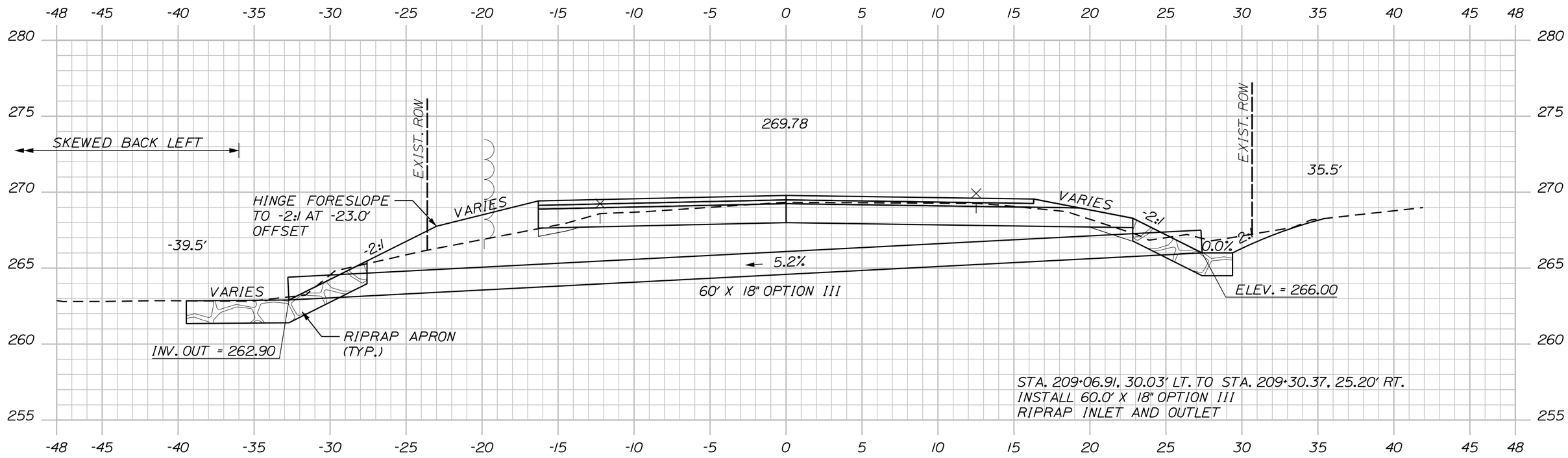
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

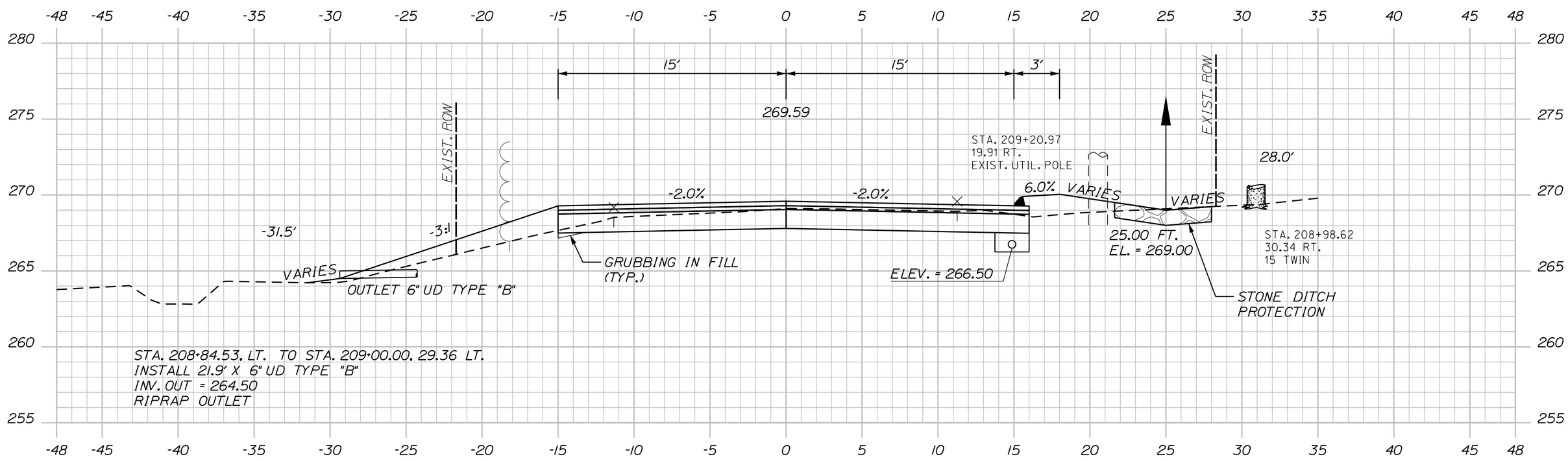
P.E. NUMBER

DATE

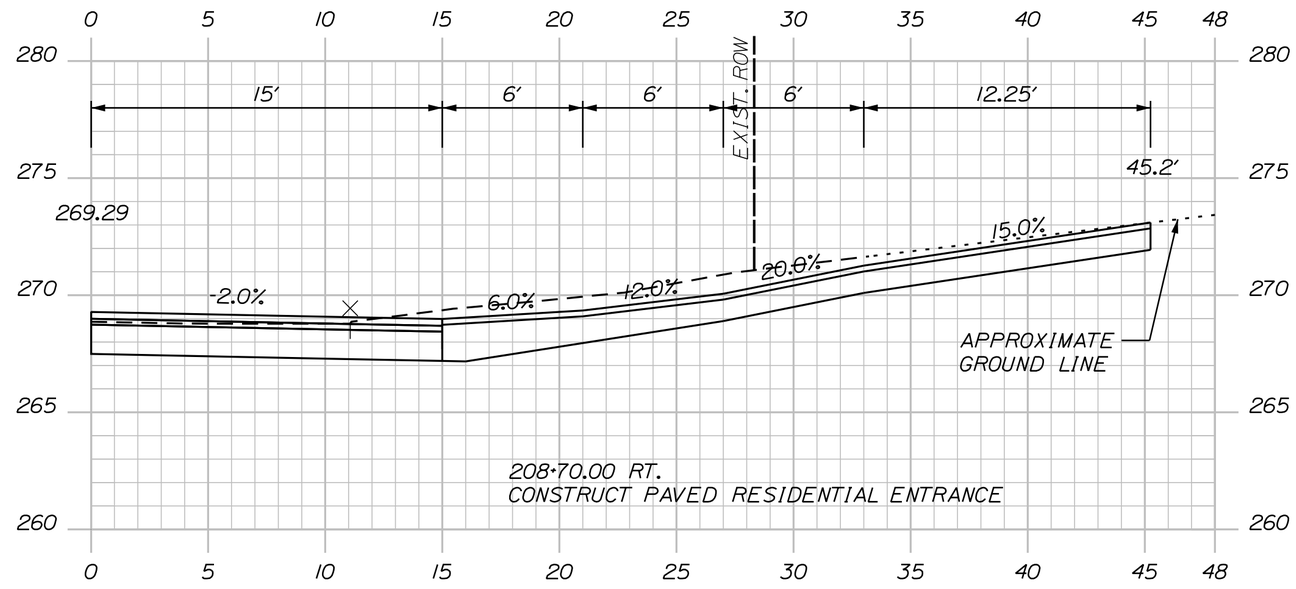
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



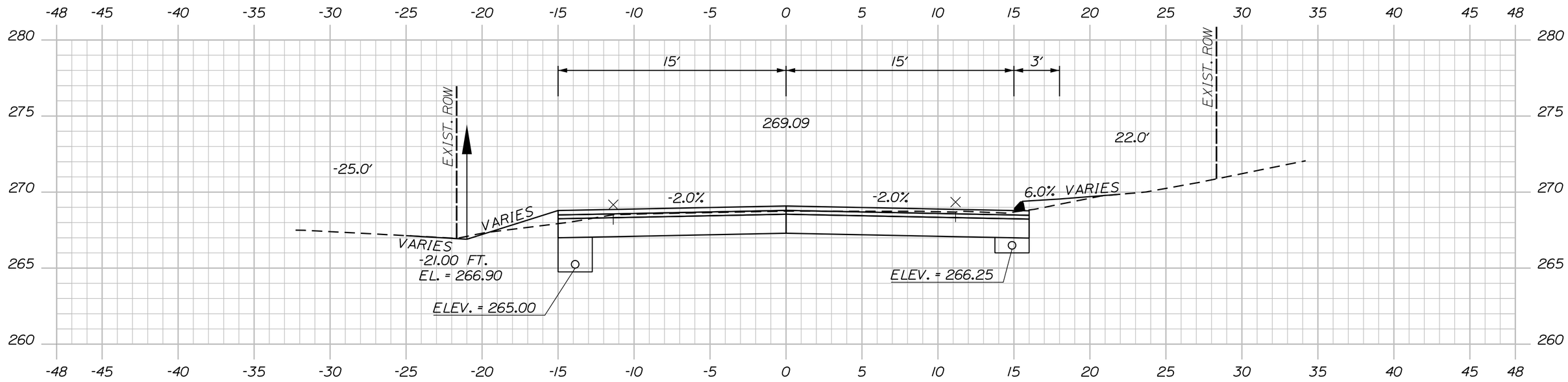
209+19.66 (SKEWED)
(CROSS CULVERT)



209+00.00



208+70.00
(PAVED RESIDENTIAL ENTRANCE)



STA. 208+42.80
23.48 LT.
6SPRUCE
(REMOVE)

208+50.00

STA. 208+28.58
25.90 RT.
12

Sta. 208+50.00 to Sta. 209+19.66

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

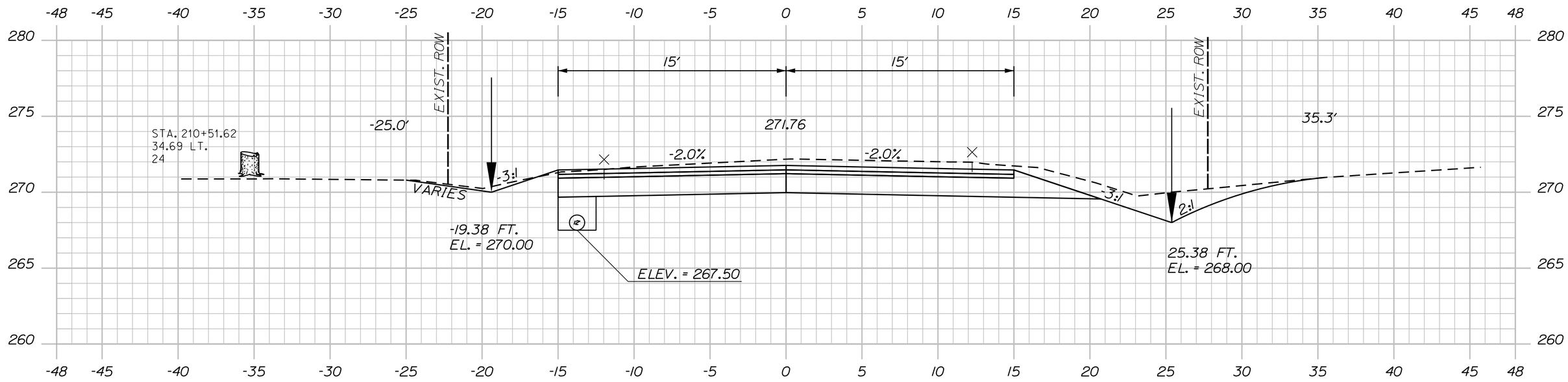
P.E. NUMBER

DATE

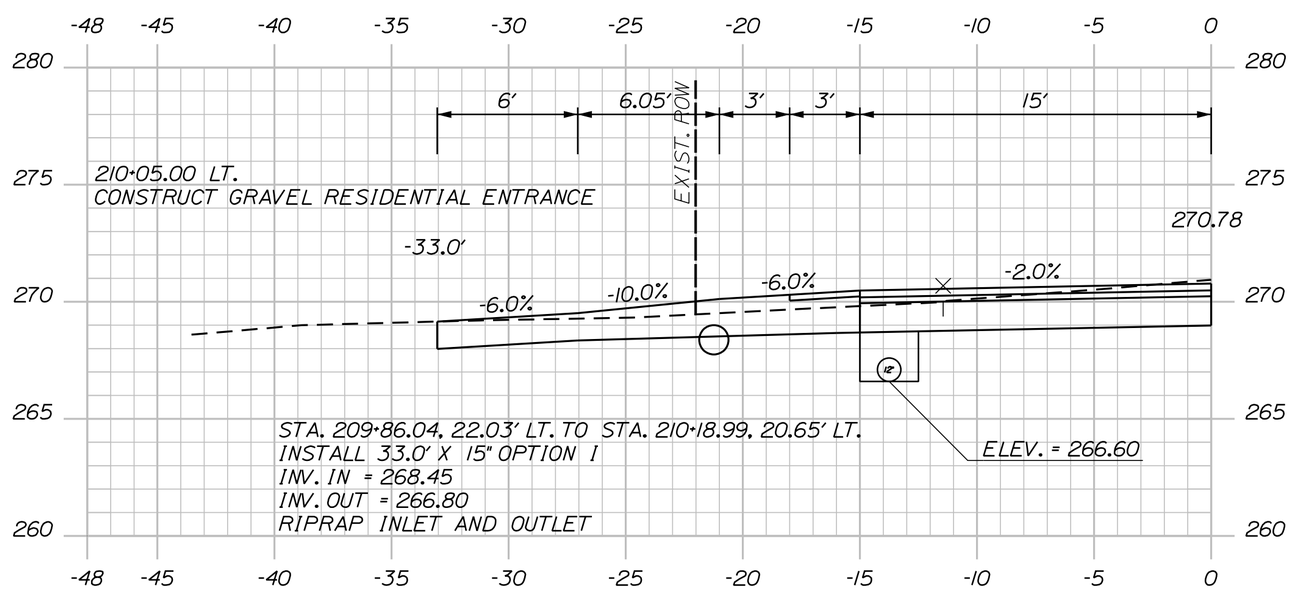
AUBURN MERROW ROAD

CROSS SECTIONS

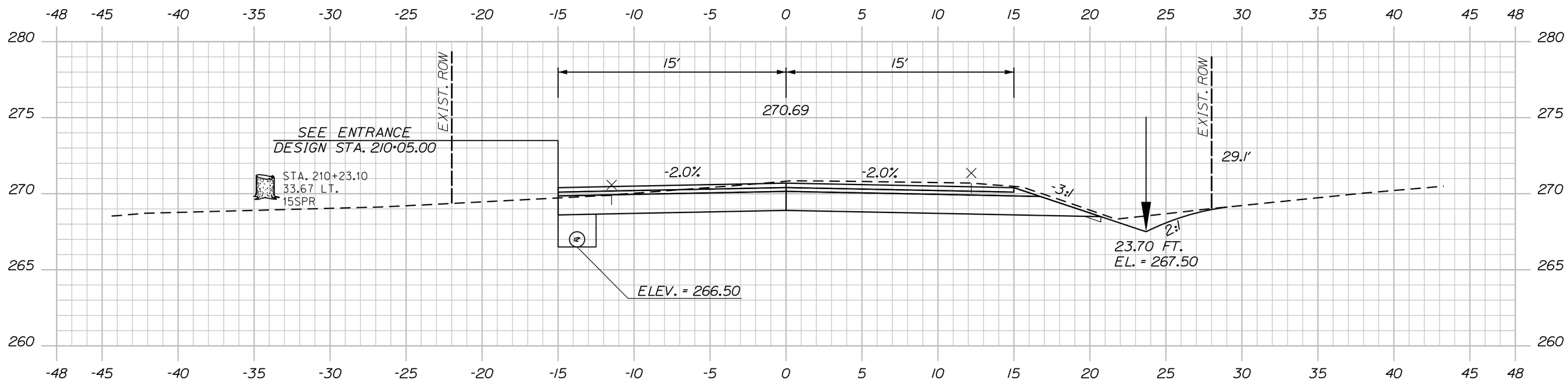
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



210+50.00

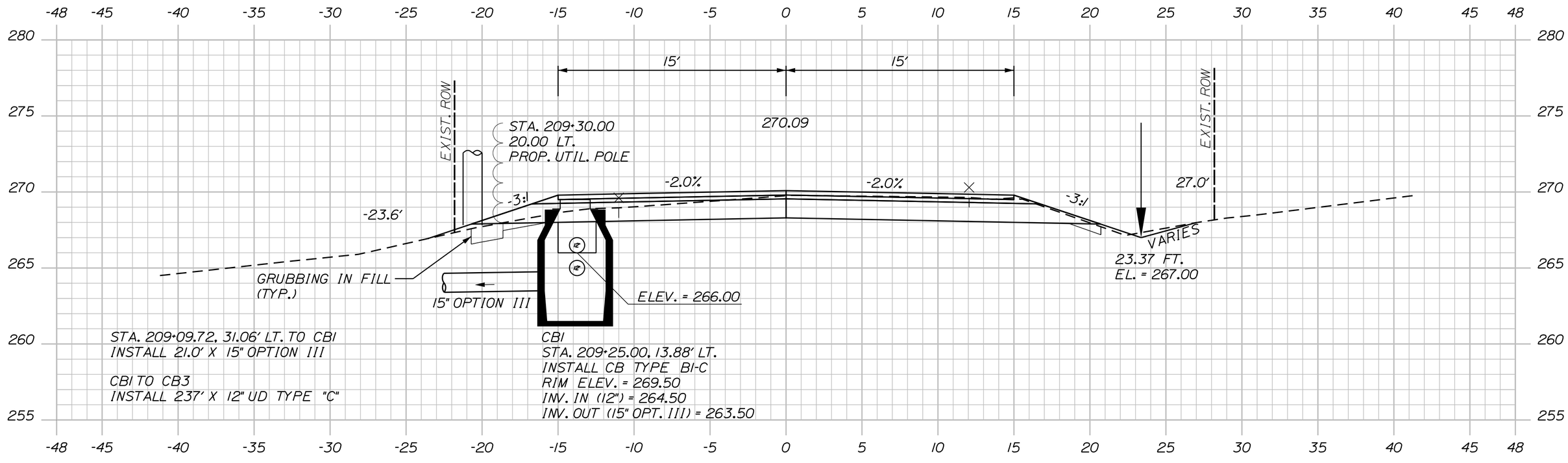


210+05.00
(GRAVEL RESIDENTIAL ENTRANCE)



210+00.00

DITCH ENTERS PERPENDICULAR TO MERROW ROAD



209+50.00

Sta. 209+50.00 to Sta. 210+50.00

SHEET NUMBER 36 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

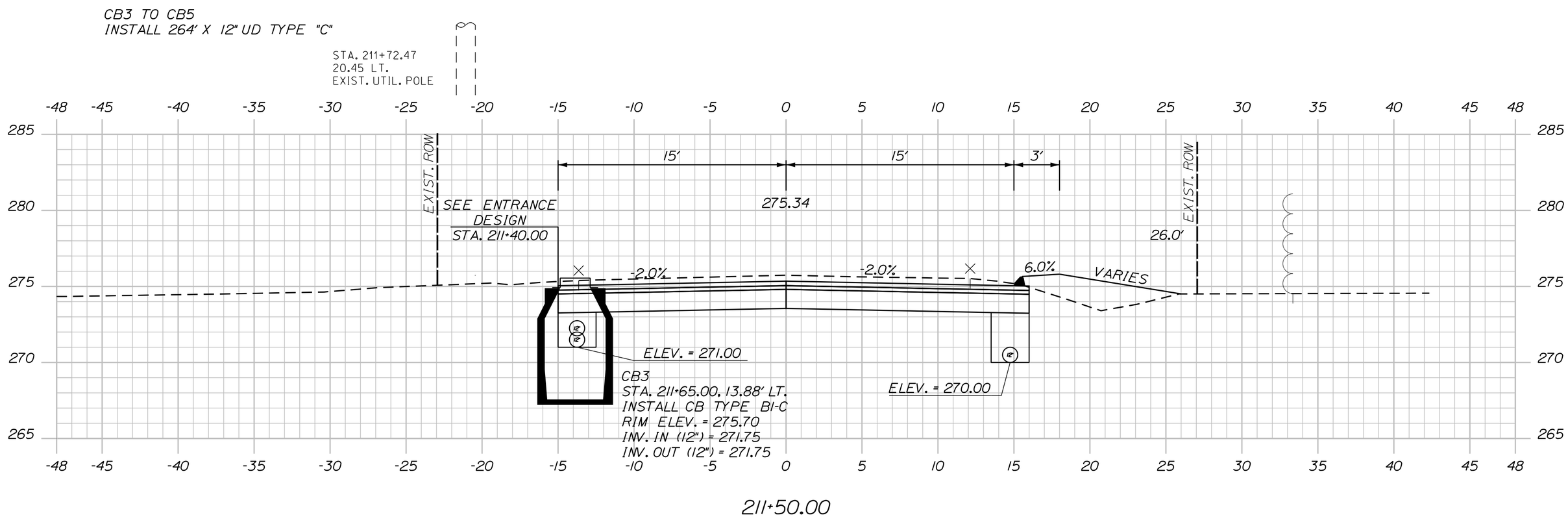
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

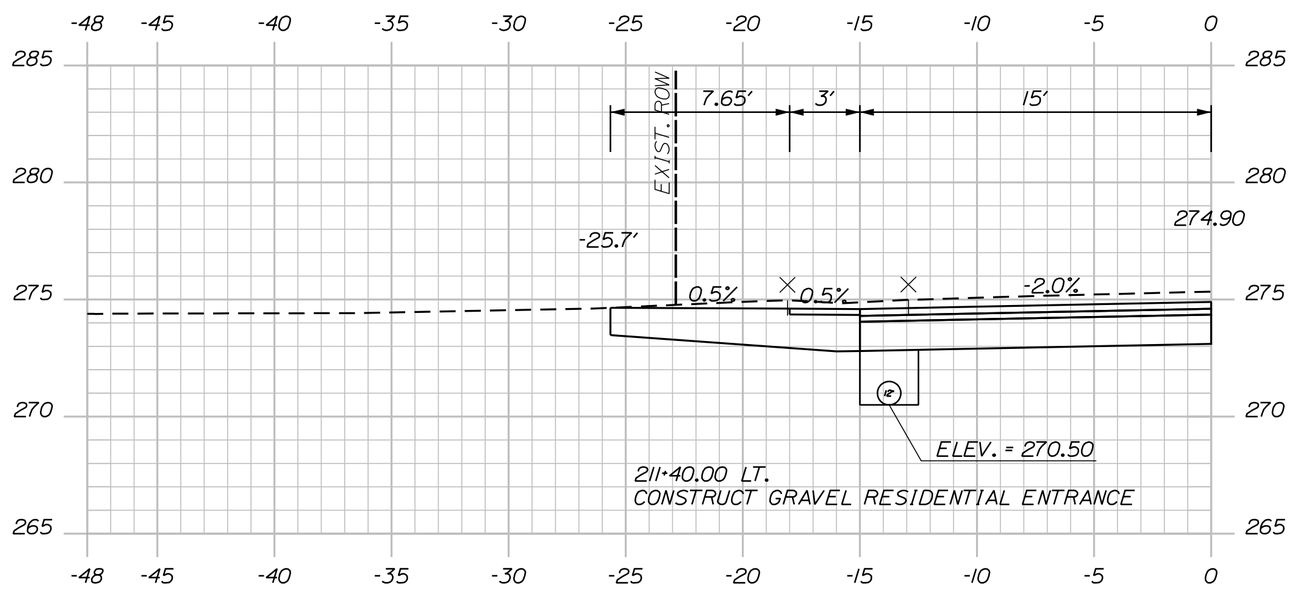
P.E. NUMBER

DATE

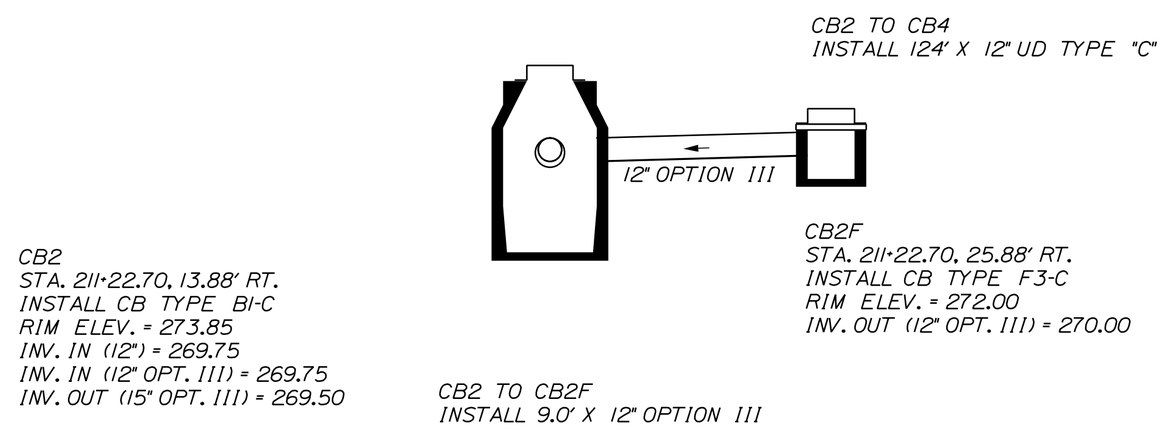
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

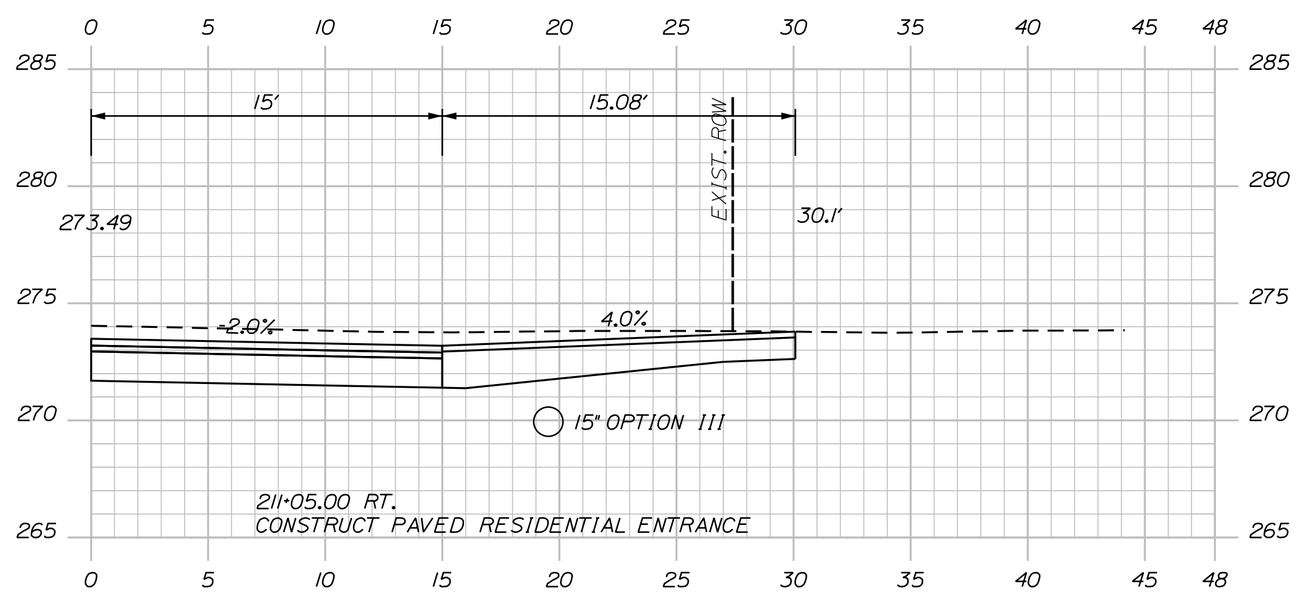


211+50.00

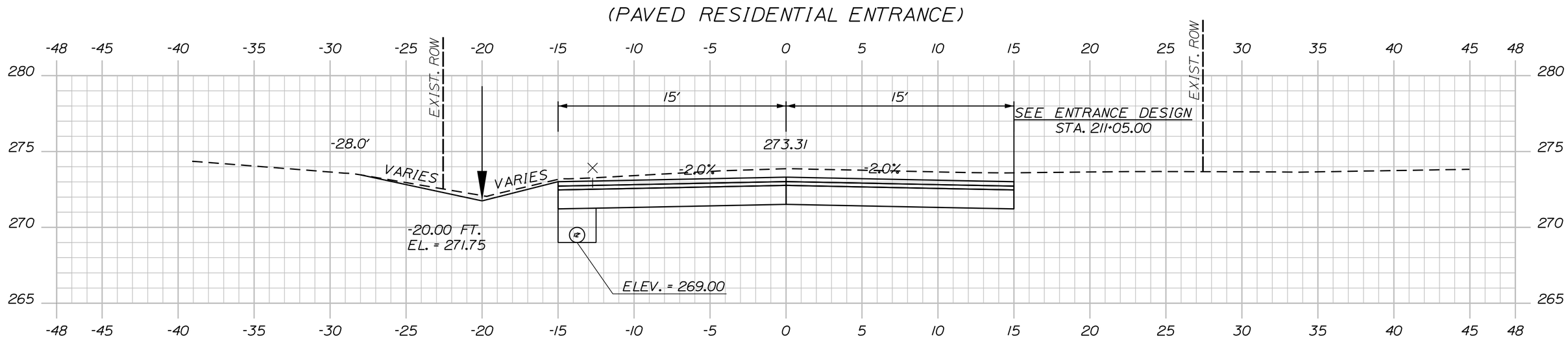


211+40.00
(GRAVEL RESIDENTIAL ENTRANCE)





211+05.00
(PAVED RESIDENTIAL ENTRANCE)



211+00.00

STA. 210+77.97, 25.00' RT. TO CB2
INSTALL 44.1' X 15" OPTION III
RIPRAP OUTLET

Sta. 211+00.00 to Sta. 211+50.00

SHEET NUMBER 37 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

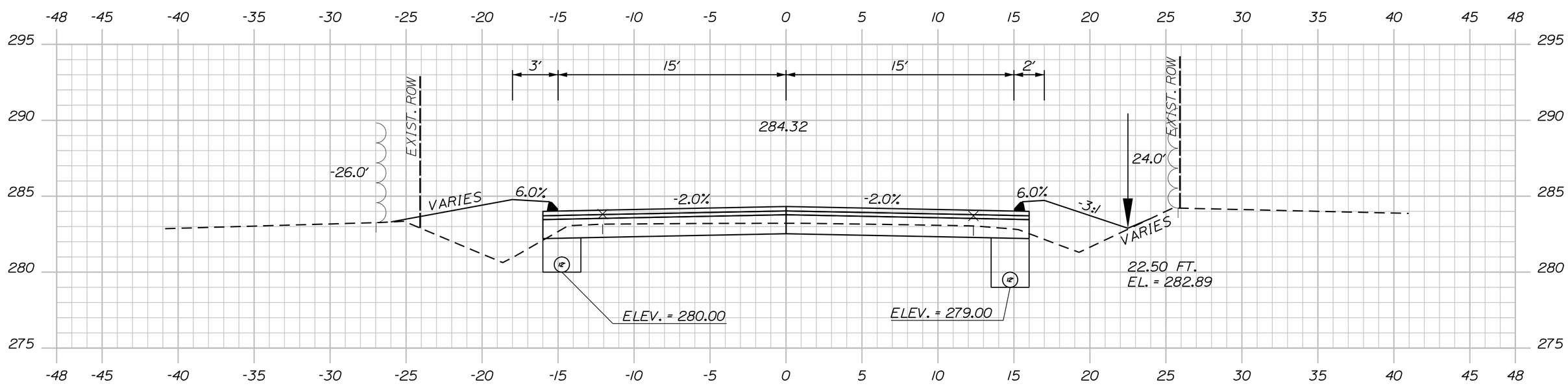
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

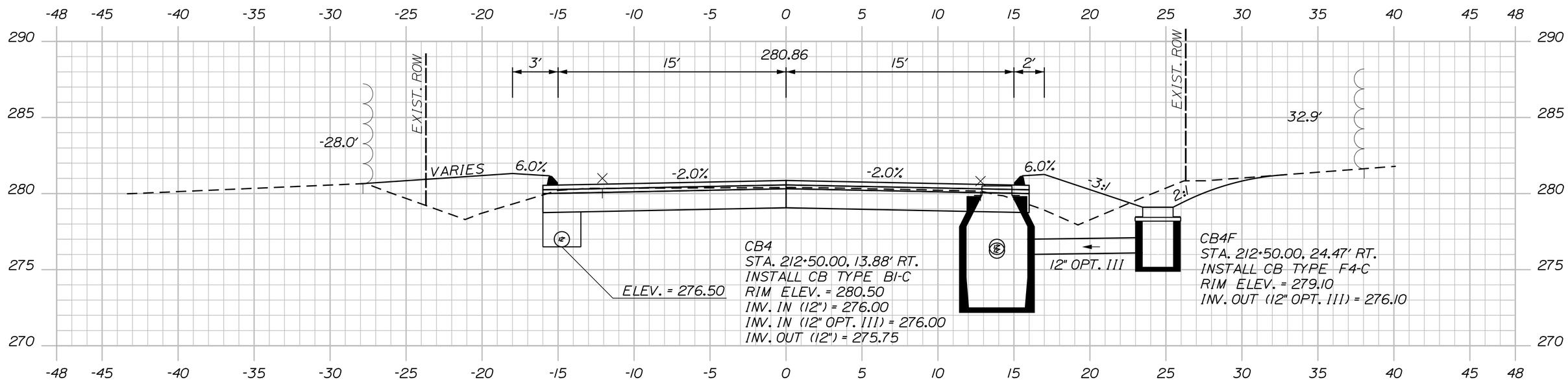
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



213+00.00

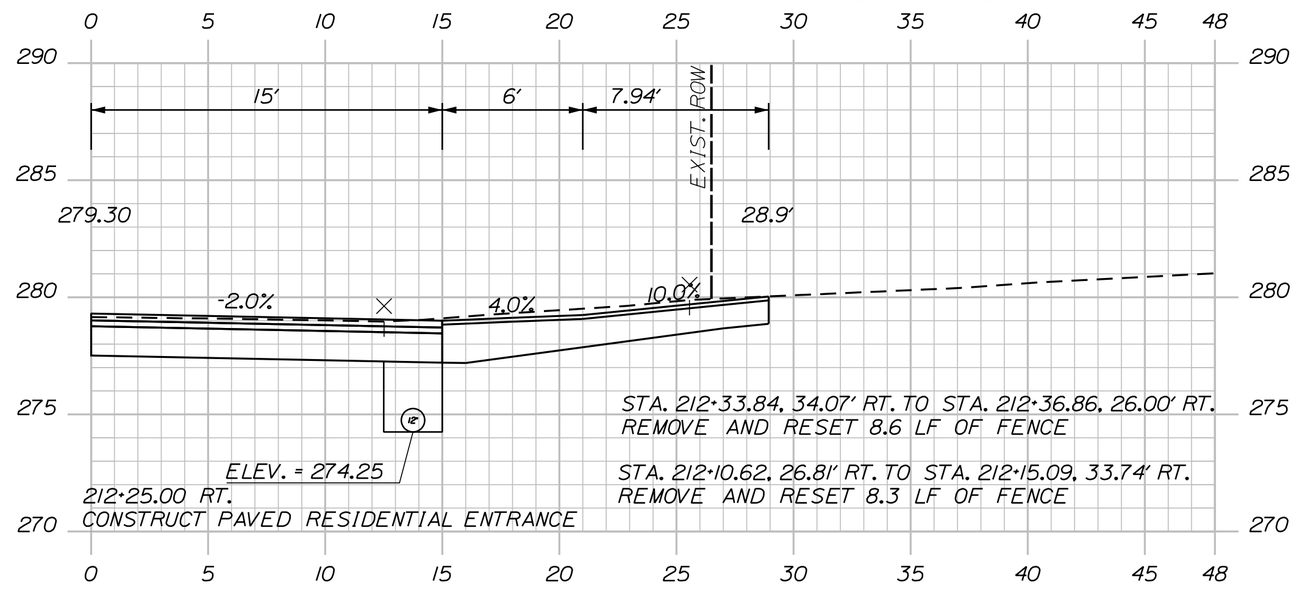
CB4 TO CB6
INSTALL 32l' X 12" UD TYPE "C"



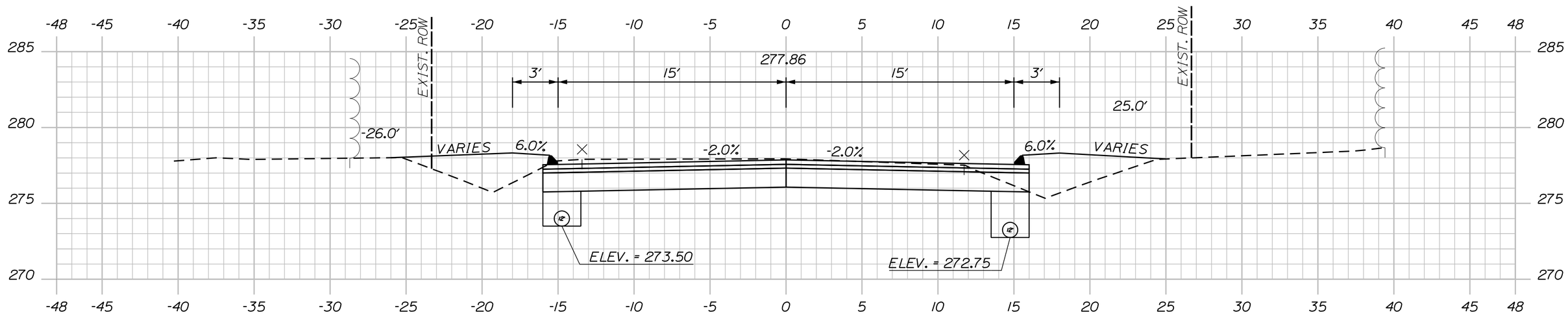
212+50.00

CB4 TO CB4F
INSTALL 8' X 12" OPTION III

DITCH ENTERS
PERPENDICULAR
TO MERROW ROAD



212+25.00
(GRAVEL RESIDENTIAL ENTRANCE)



212+00.00

Sta. 212+00.00 to Sta. 213+00.00

SHEET NUMBER 38 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

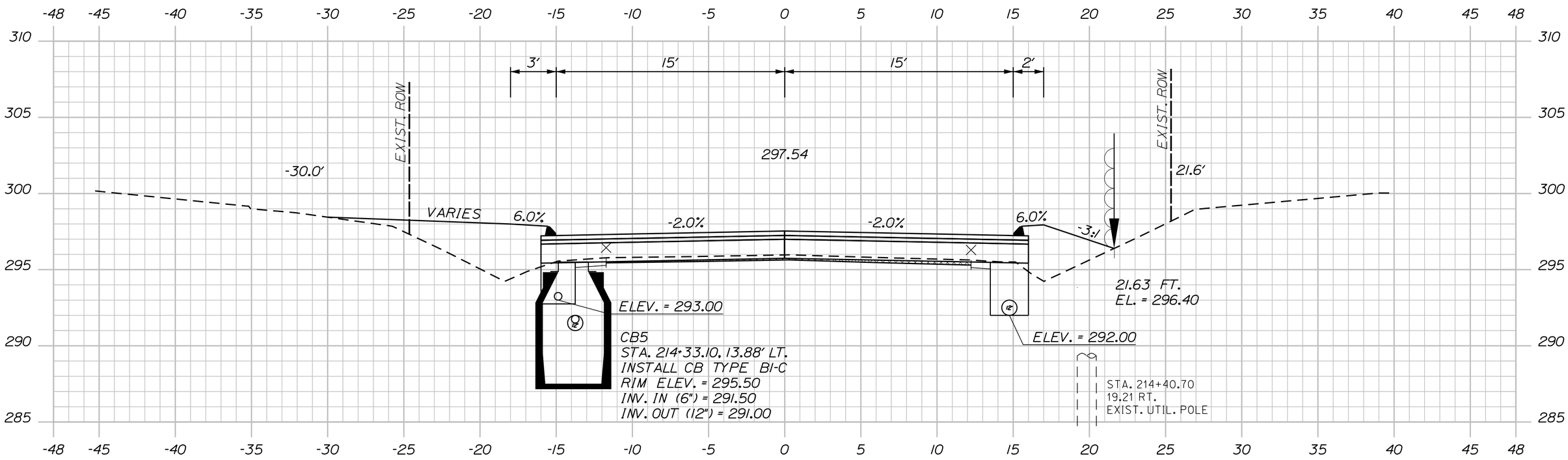
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

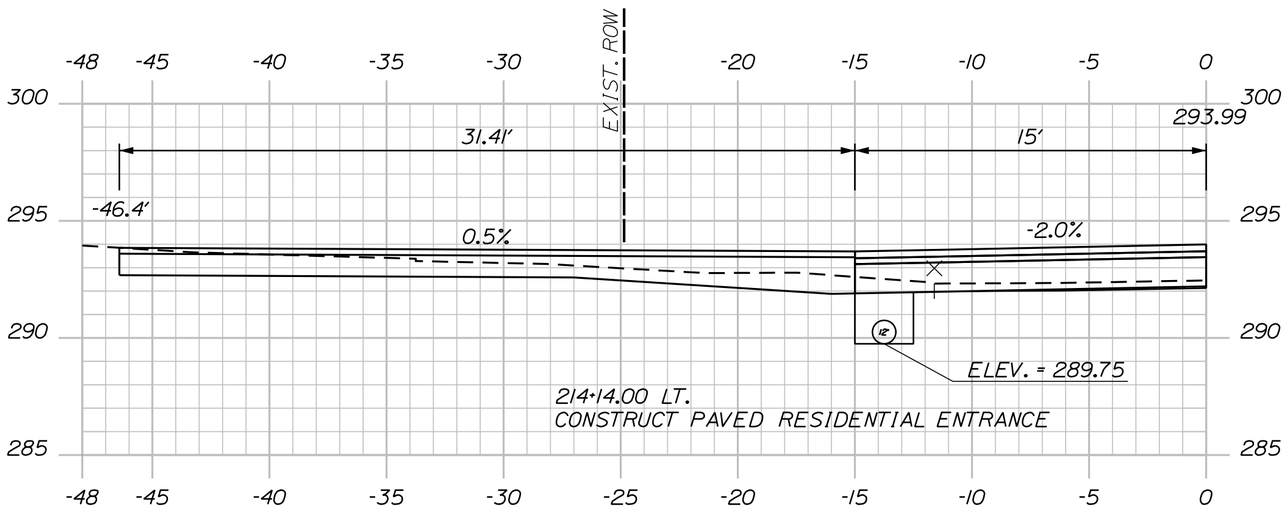
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

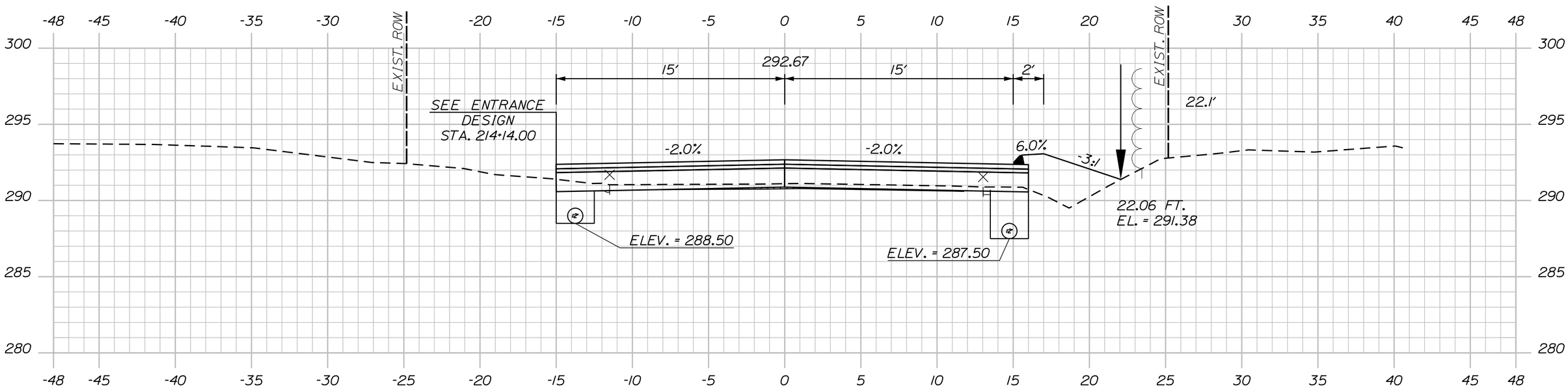


CB5 TO STA. 218+65.00, LT.
INSTALL 430.6' X 6" UD TYPE "B"

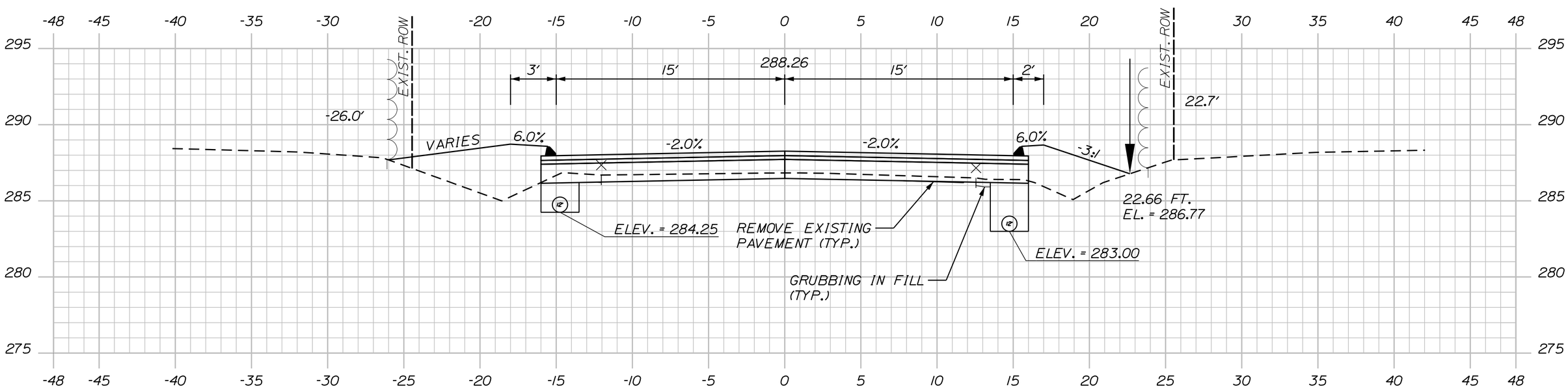
214+50.00



214+14.00
(PAVED RESIDENTIAL ENTRANCE)



214+00.00



213+50.00

Sta. 213+50.00 to Sta. 214+50.00

SHEET NUMBER 39 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

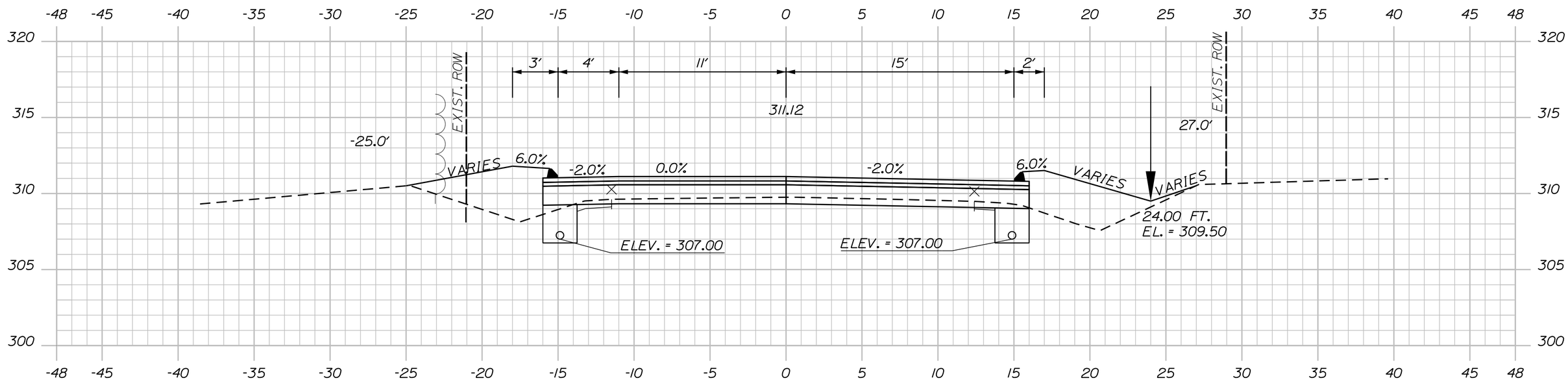
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

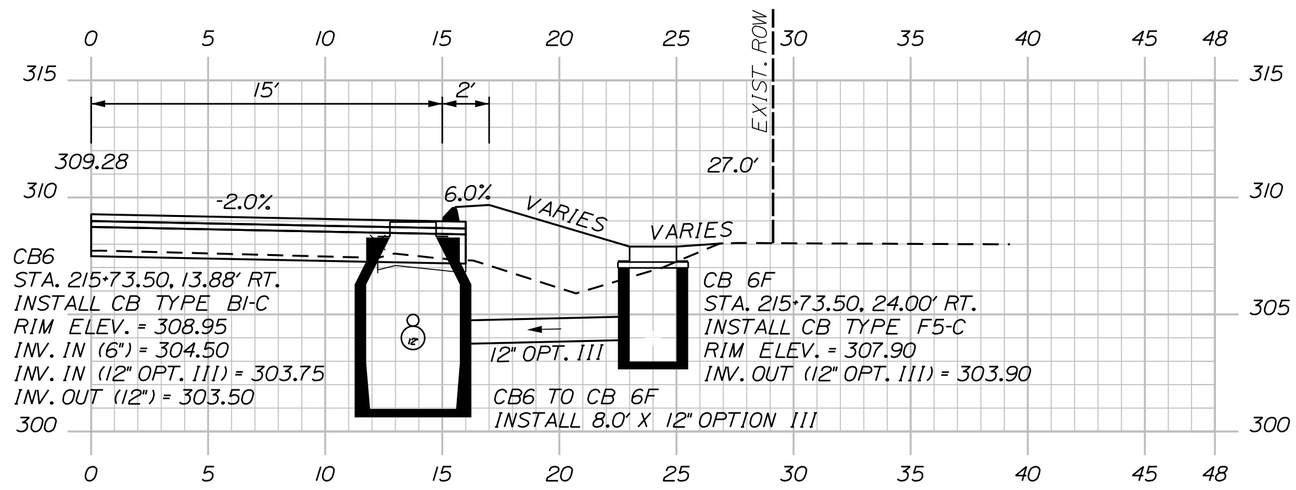
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

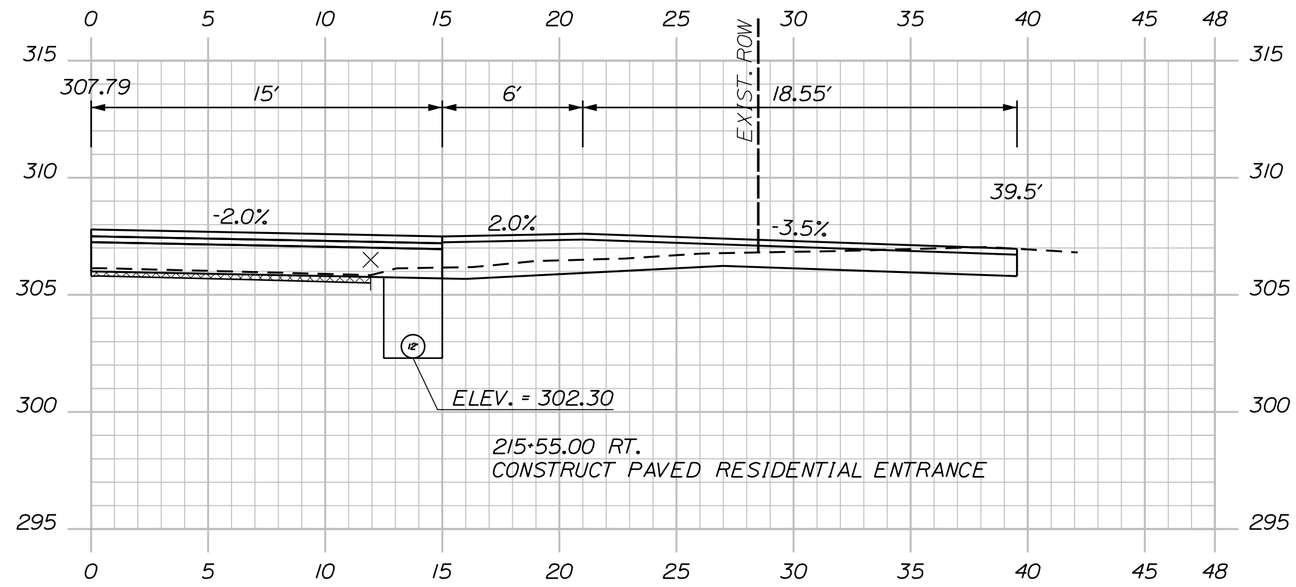


216+00.00

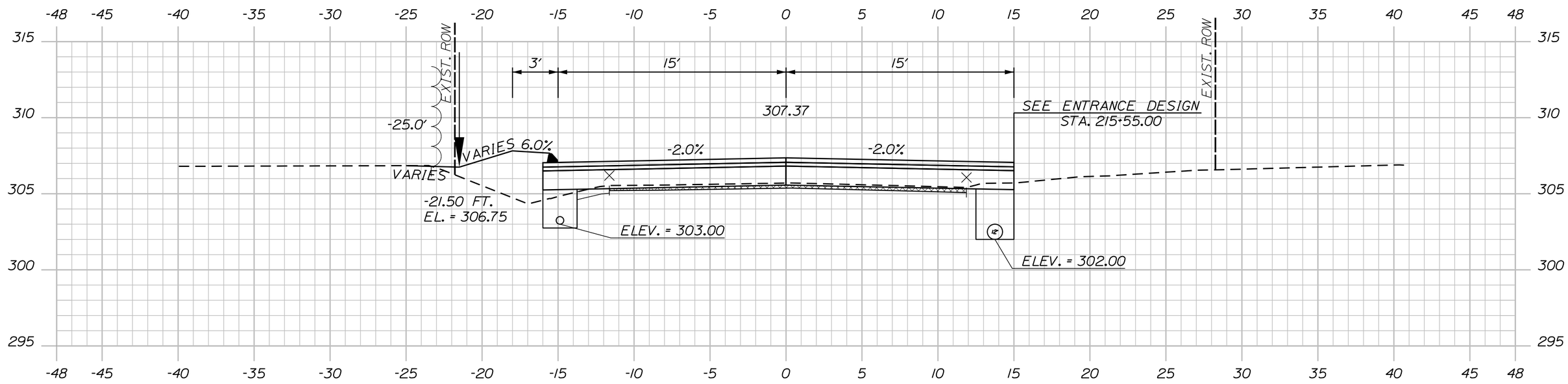
CB6 TO STA. 218+73.02, RT.
INSTALL 296.1' X 6" UD TYPE "B"



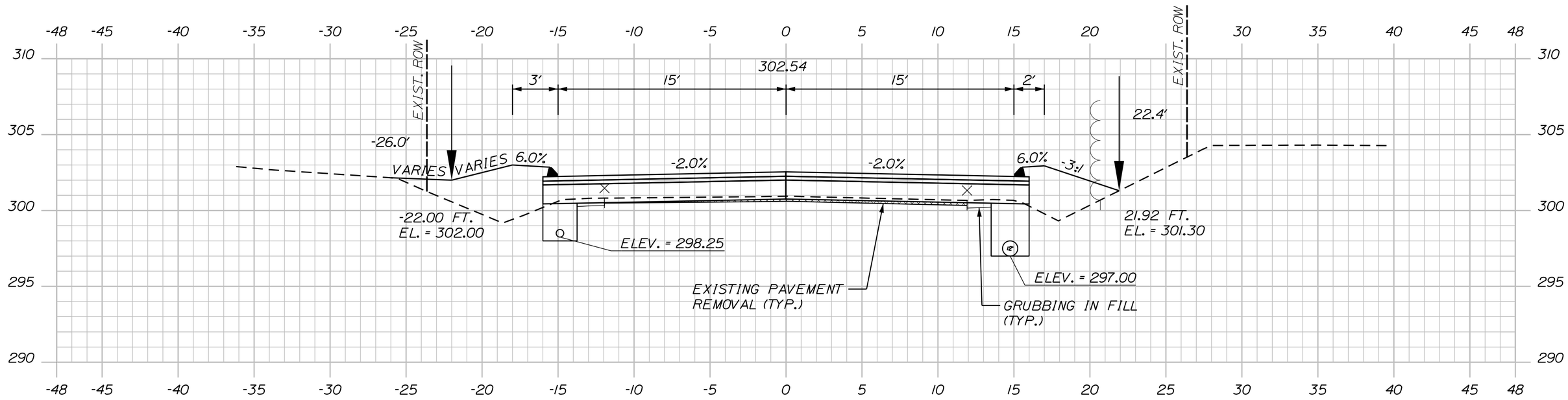
215+73.50



215+55.00
(PAVED RESIDENTIAL ENTRANCE)



215+50.00



215+00.00

Sta. 215+00.00 to Sta. 216+00.00

SHEET NUMBER 40 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

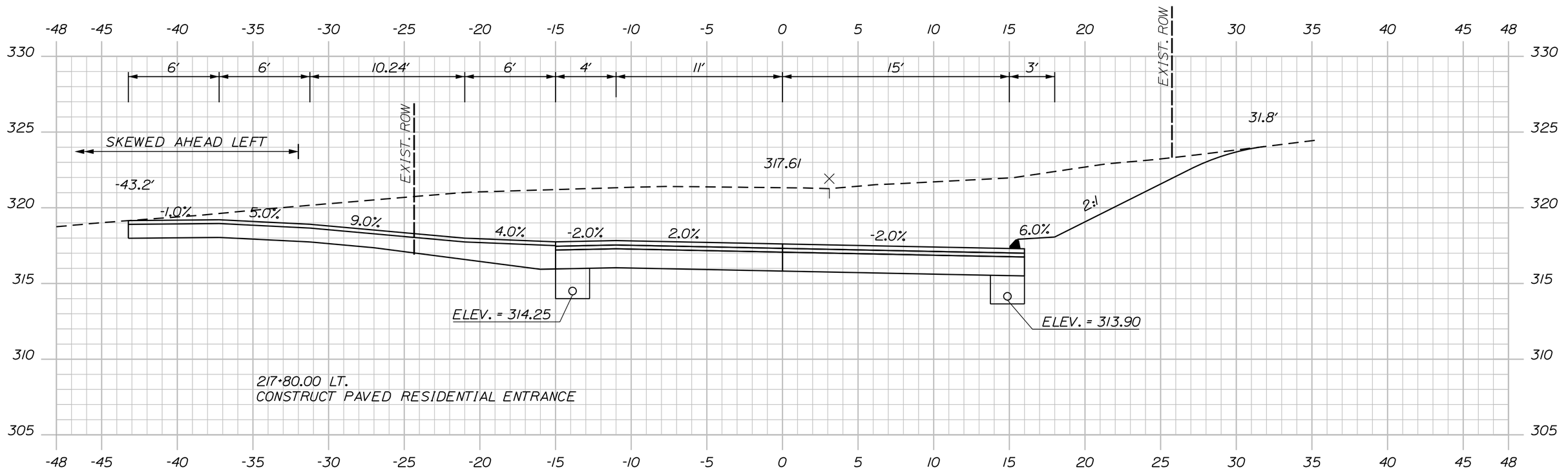
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

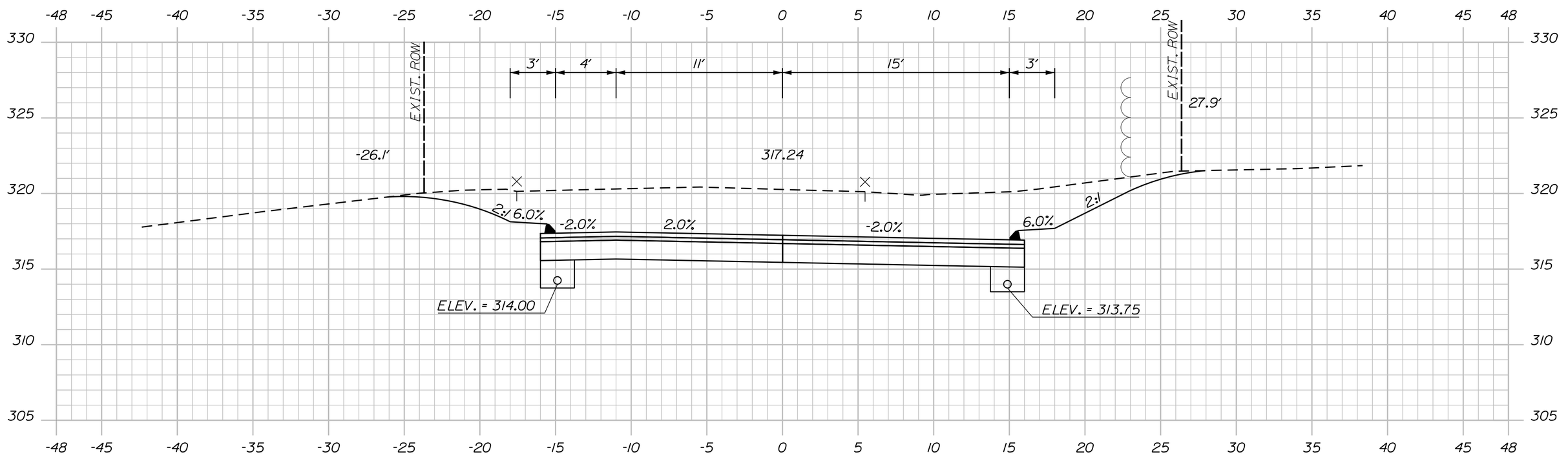
P.E. NUMBER

DATE

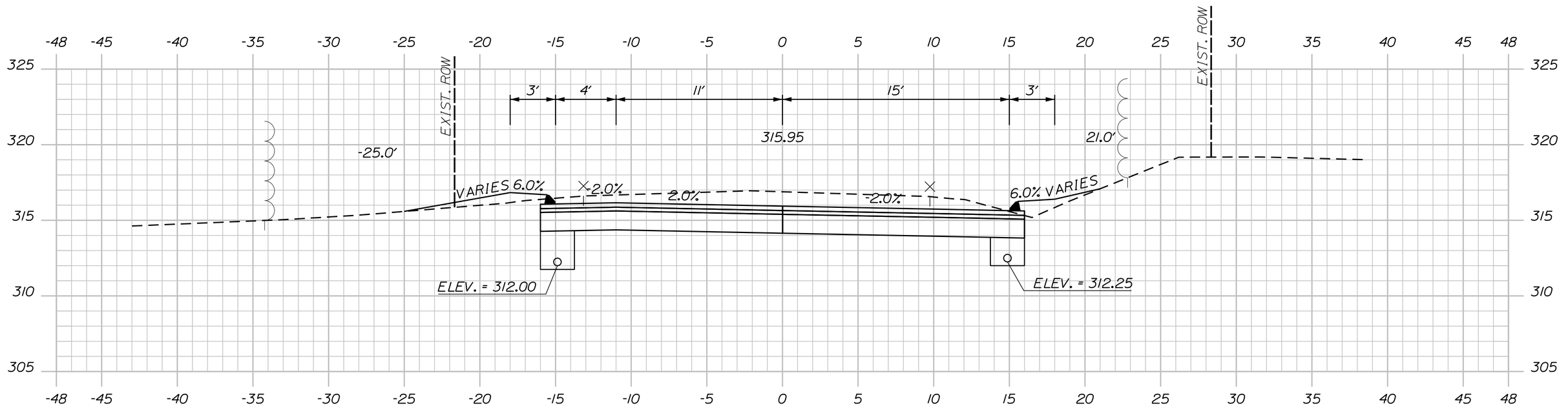
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



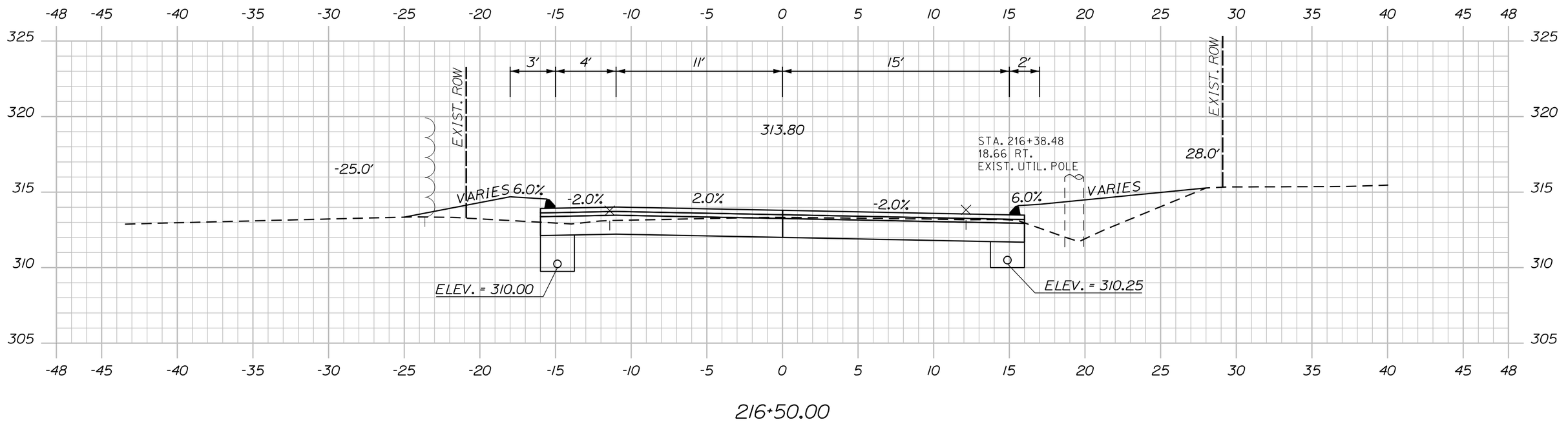
(GRAVEL RESIDENTIAL ENTRANCE) 217+80.00



217+50.00



217+00.00



216+50.00

Sta. 216+50.00 to Sta. 217+80.00

SHEET NUMBER 41 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

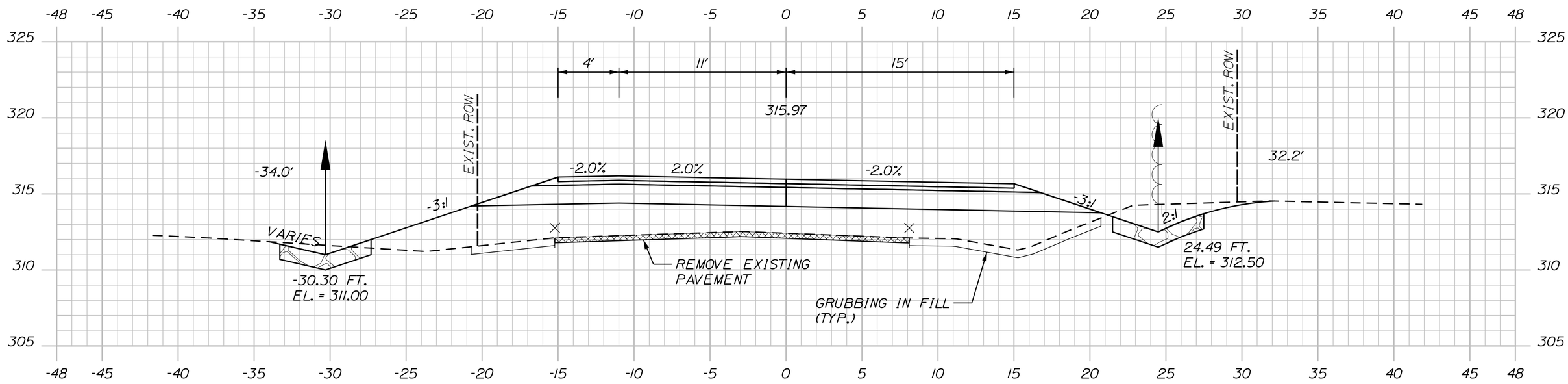
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

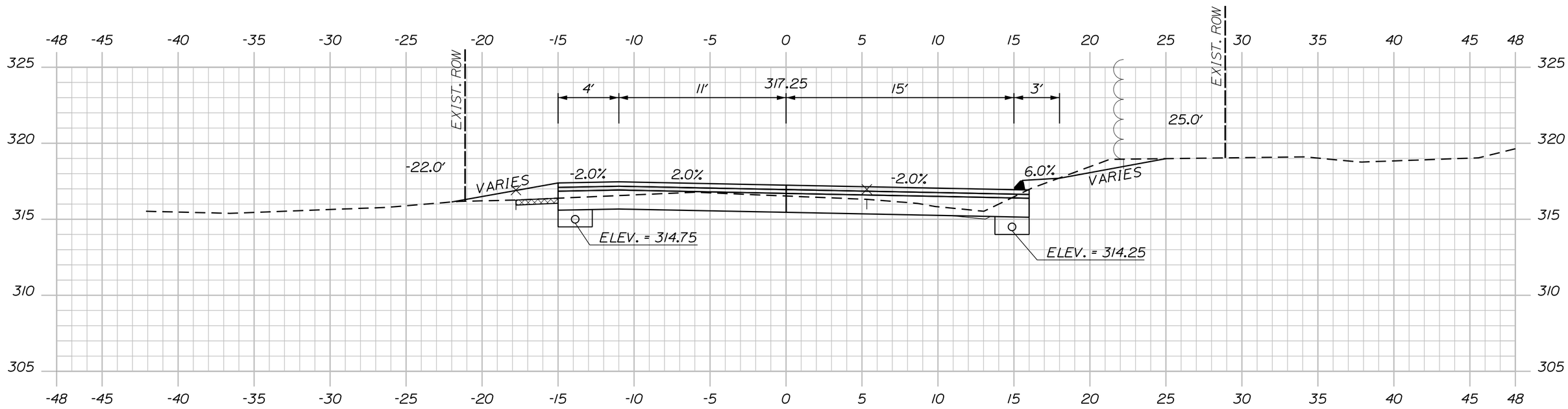
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



219+00.00

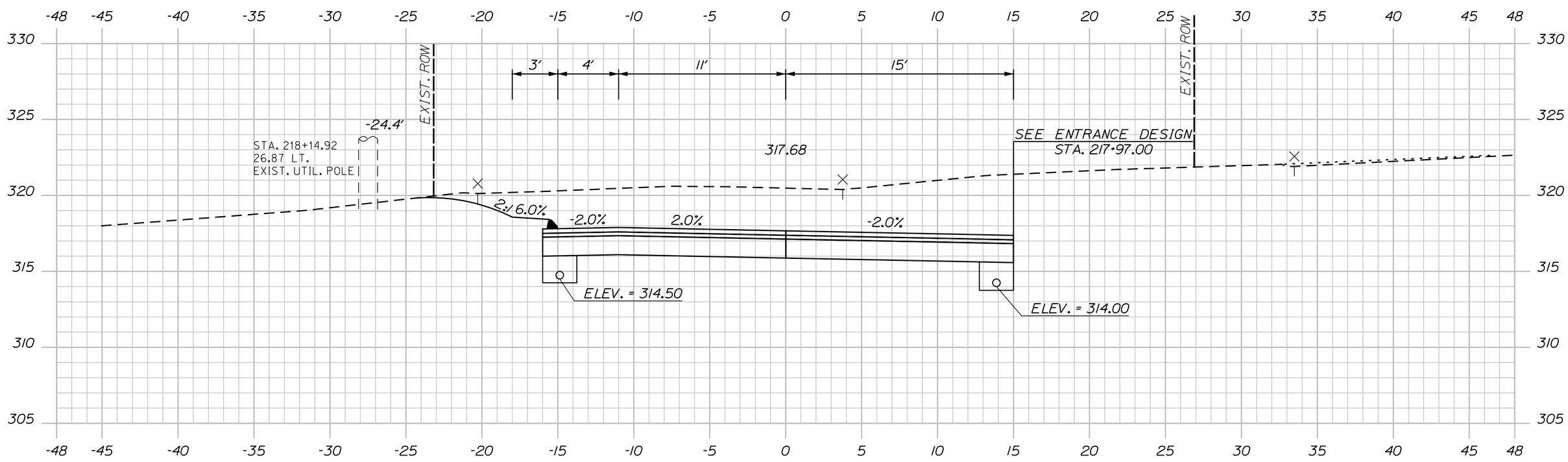
STA. 218+70. RT.
CONSTRUCT RIPRAP DOWNSPOUT



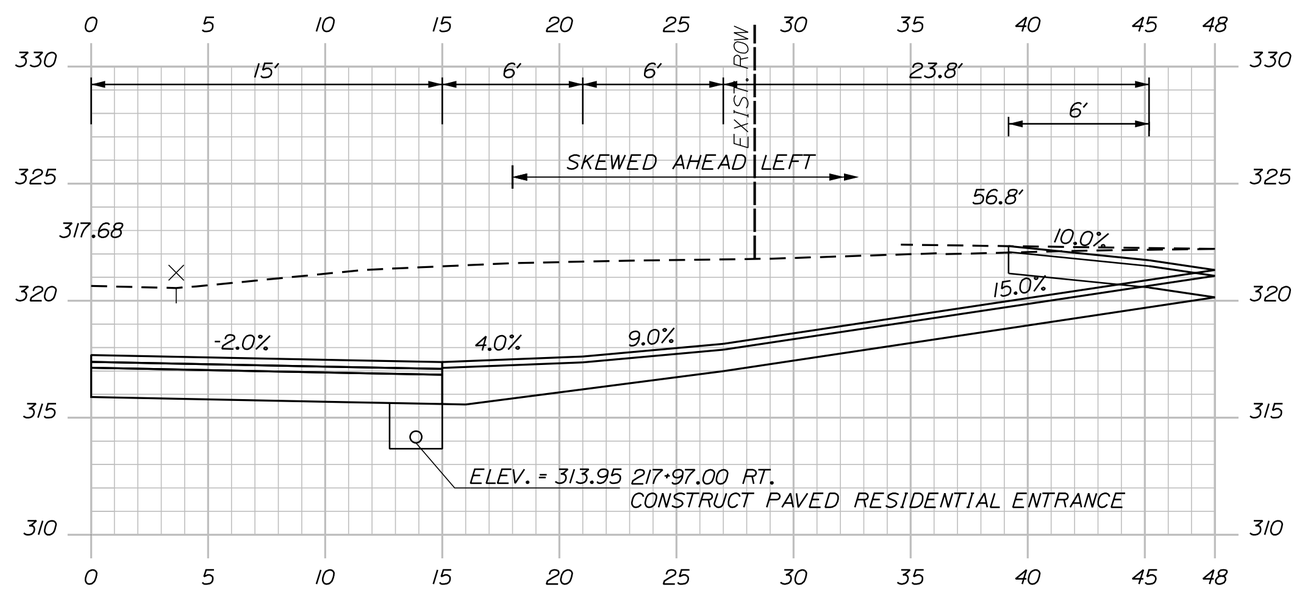
218+50.00

STA. 218+22.98
35.50 RT.
12IN PINE
(REMOVE)

STA. 218+24.58
36.19 RT.
22IN PINE
(REMOVE)



218+00.00



217+97.00
(PAVED RESIDENTIAL ENTRANCE)

Sta. 217+97.00 to Sta. 219+00.00

SHEET NUMBER 42 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

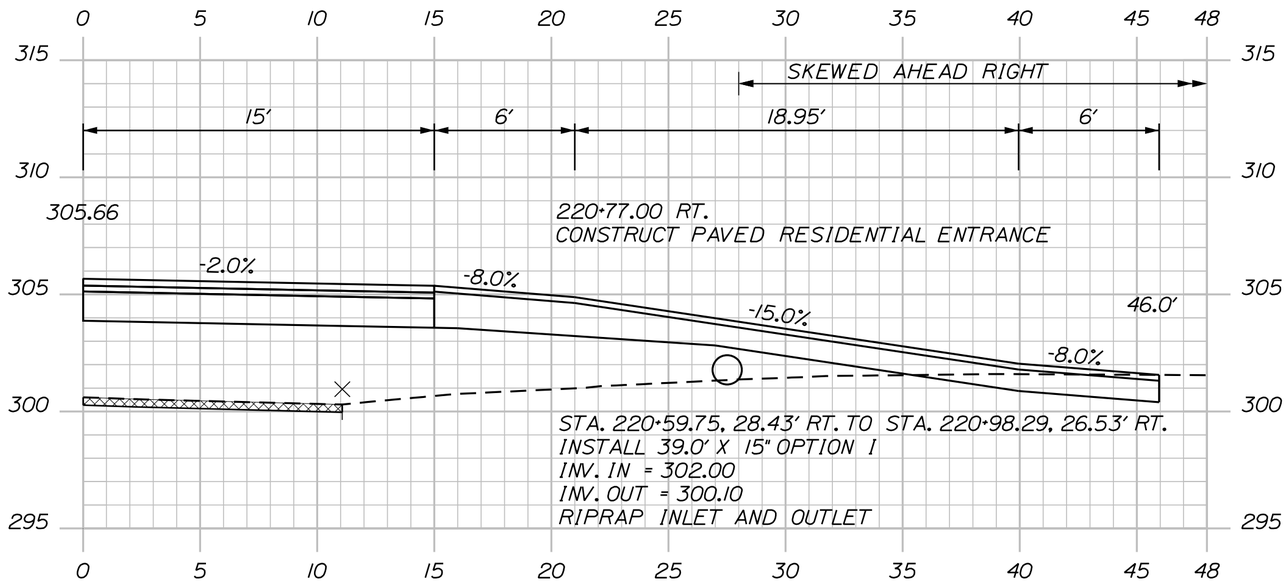
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

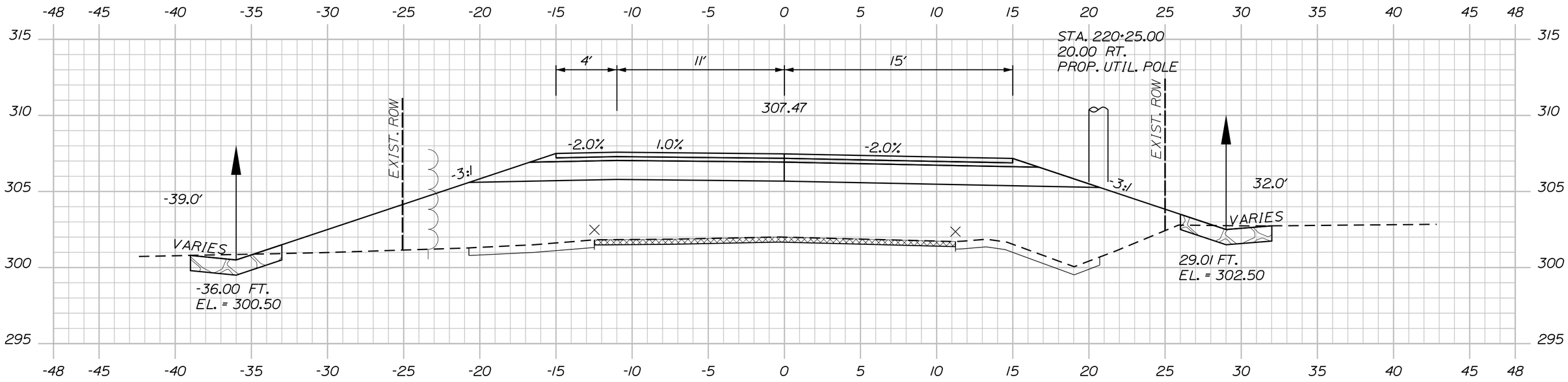
P.E. NUMBER

DATE

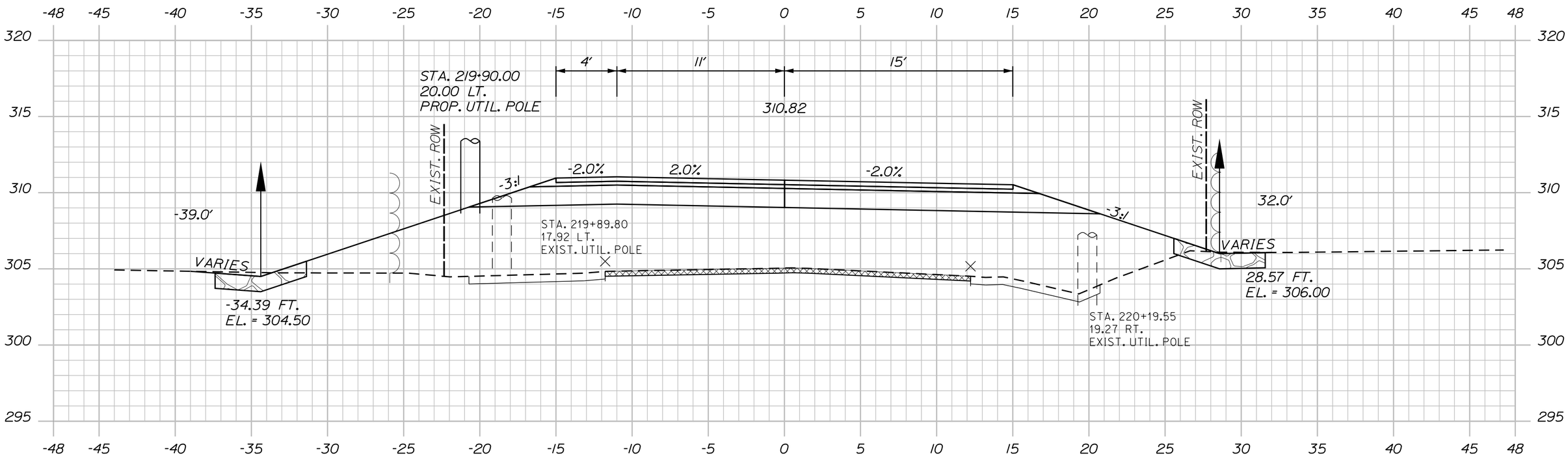
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



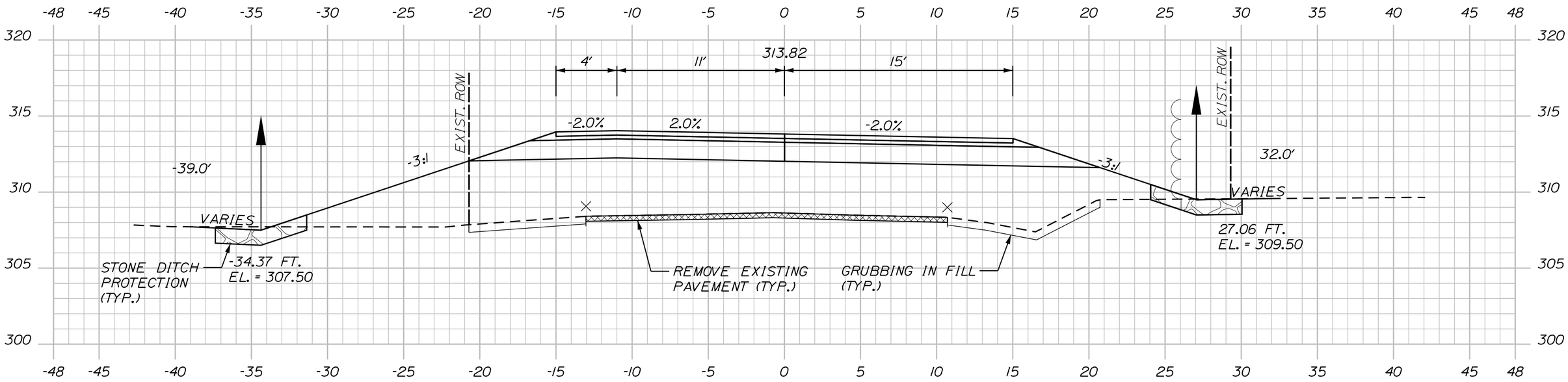
220+77.00
(GRAVEL RESIDENTIAL ENTRANCE)



220+50.00



220+00.00



219+50.00

Sta. 219+50.00 to Sta. 220+77.00

SHEET NUMBER 43 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

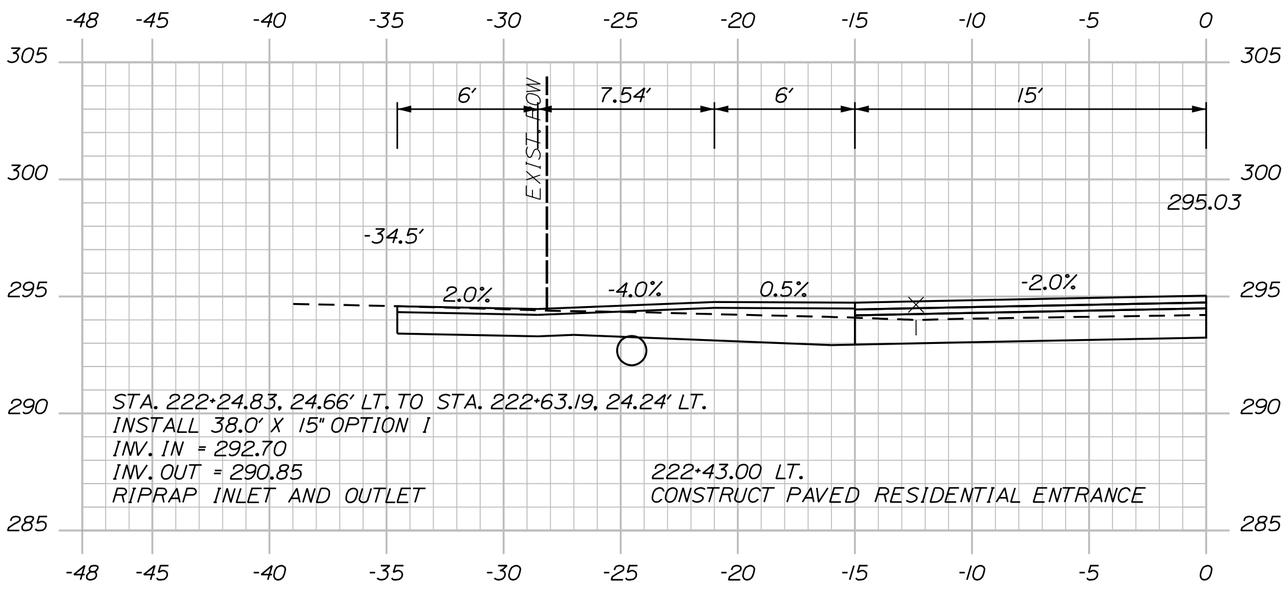
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

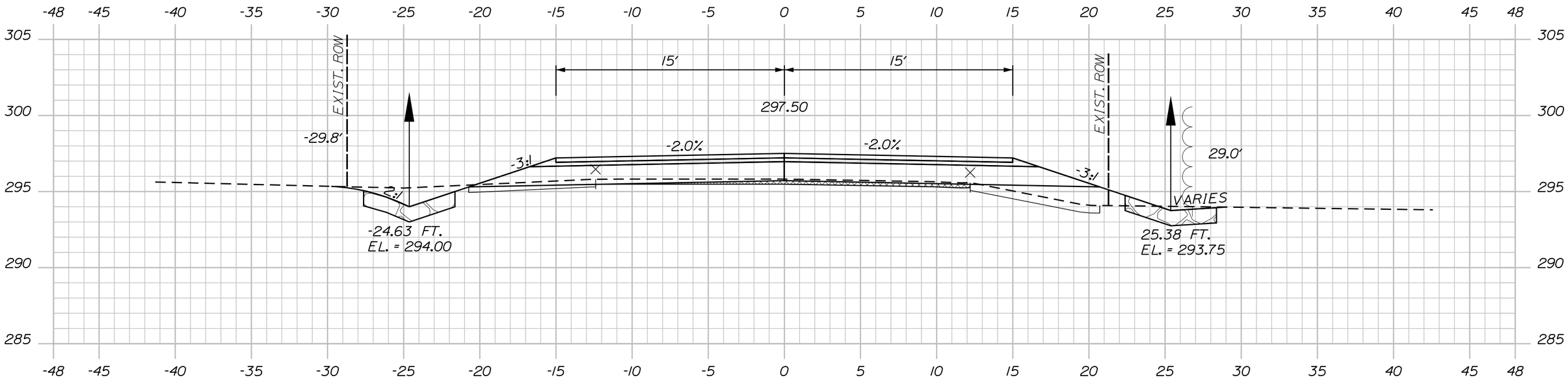
P.E. NUMBER

DATE

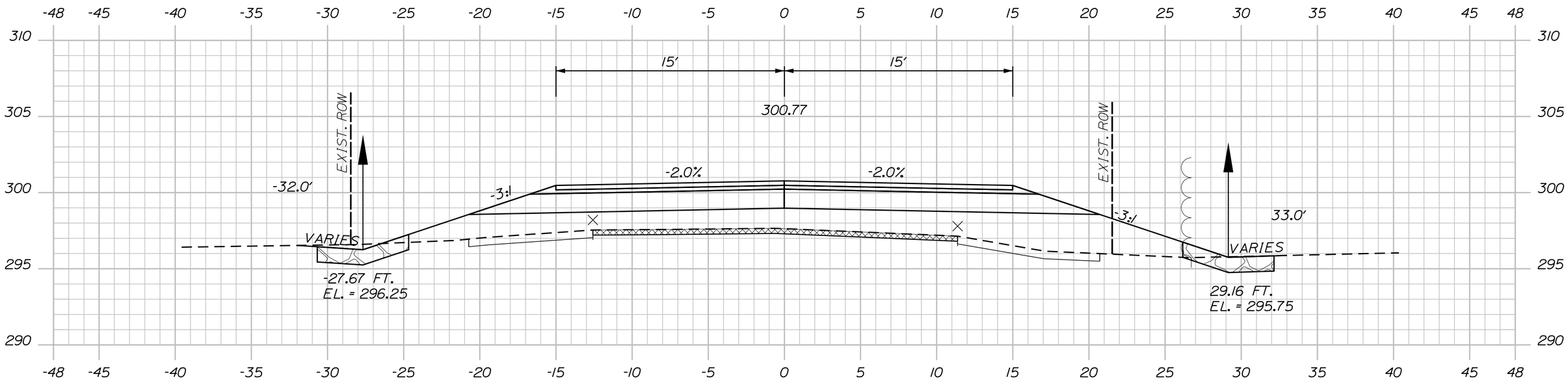
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



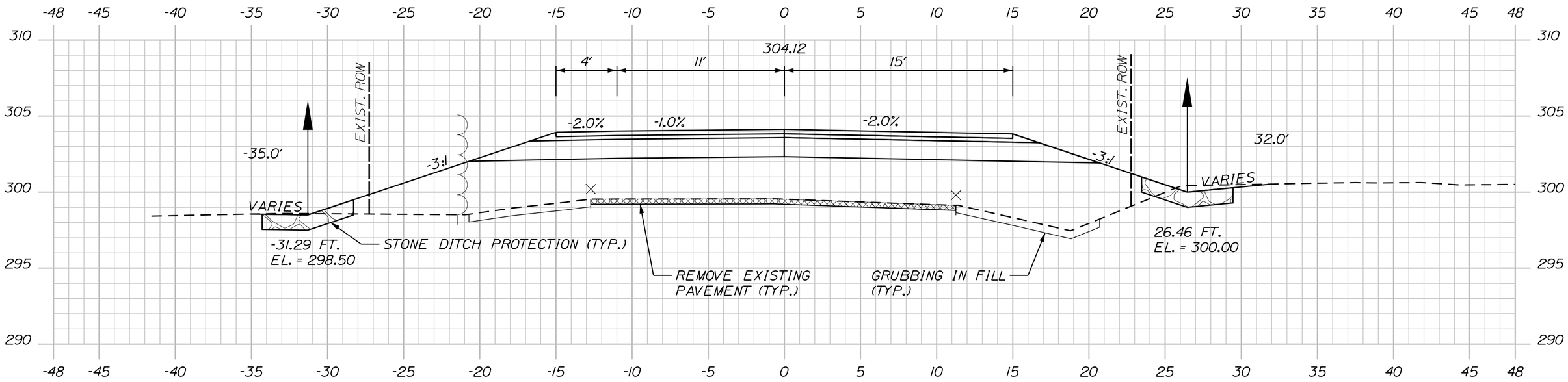
222+43.00
(PAVED RESIDENTIAL ENTRANCE)



222+00.00



221+50.00



221+00.00

Sta. 221+00.00 to Sta. 222+43.00

SHEET NUMBER 44 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

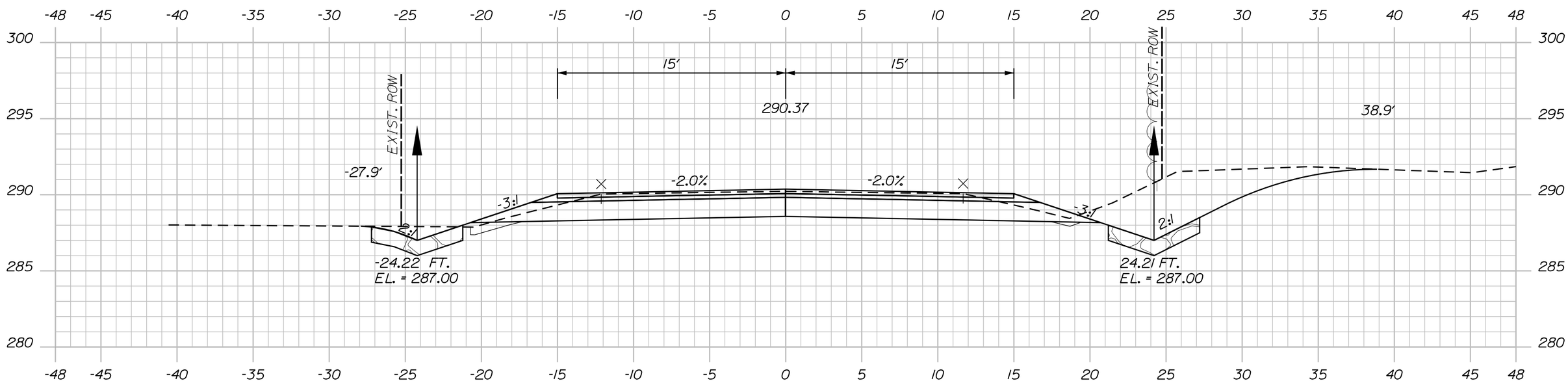
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

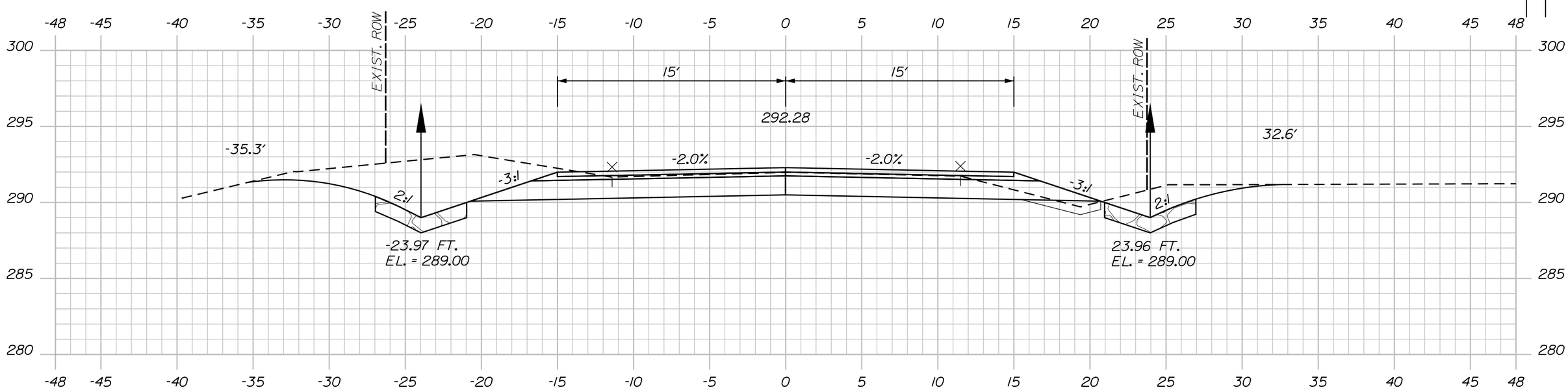
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



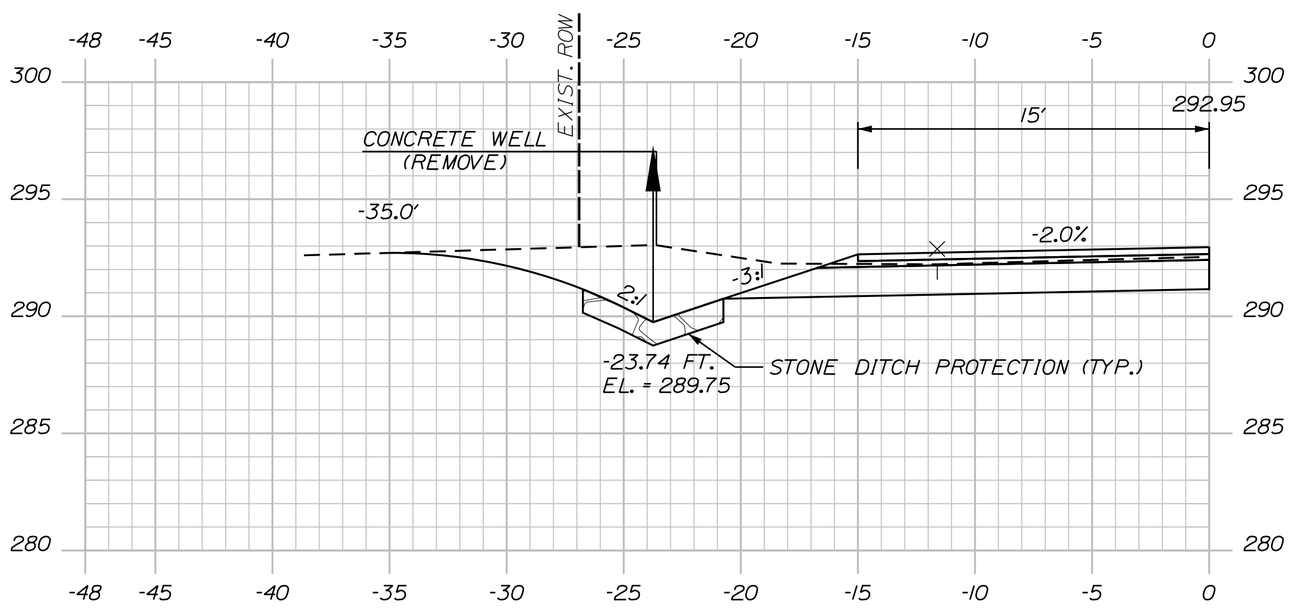
STA. 223+42.92
52.97 LT.
PROP. UTIL. POLE

223+50.00

STA. 223+03.34
48.69 RT.
PROP. UTIL. POLE

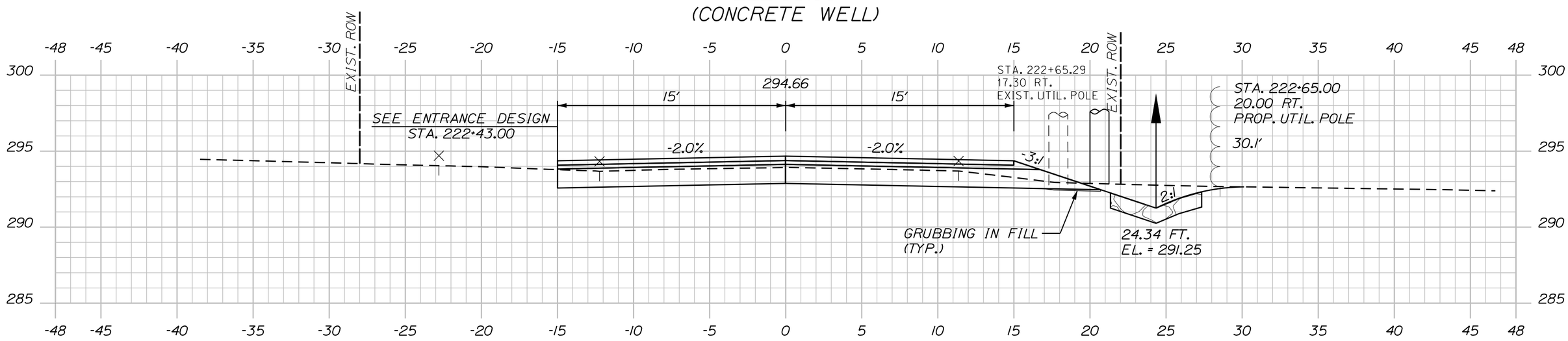


223+00.00



222+85.00

222+85.00
(CONCRETE WELL)



222+50.00

Sta. 222+50.00 to Sta. 223+50.00

SHEET NUMBER 45 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

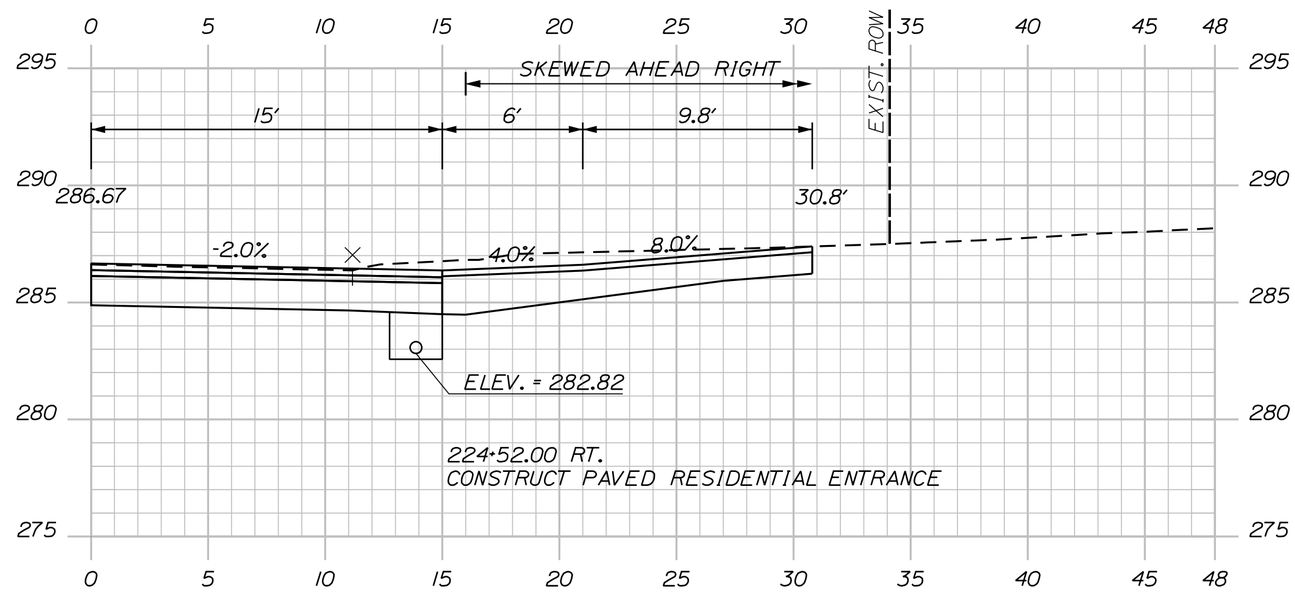
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

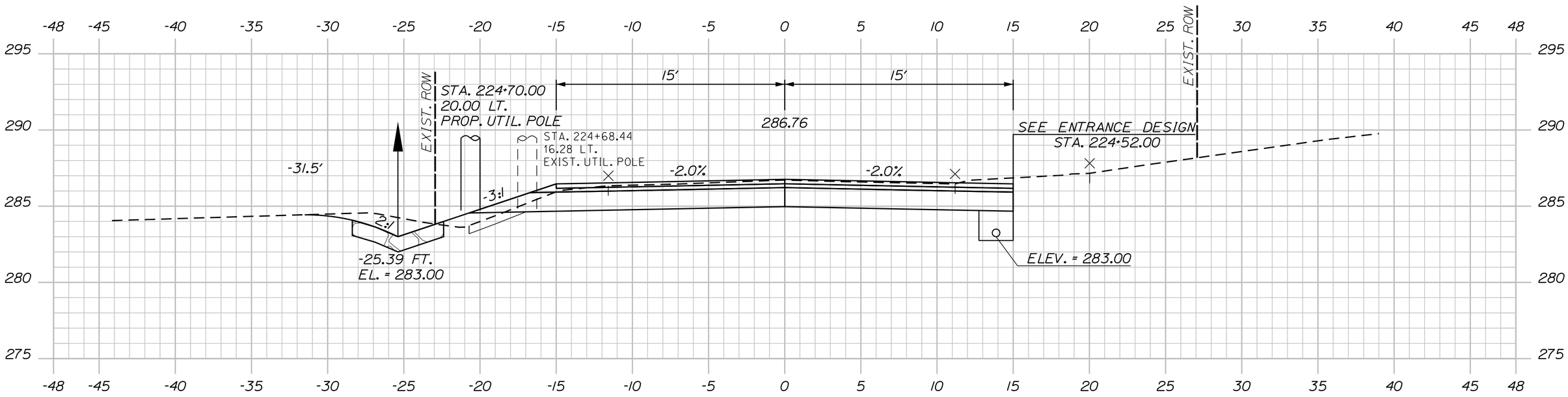
P.E. NUMBER

DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



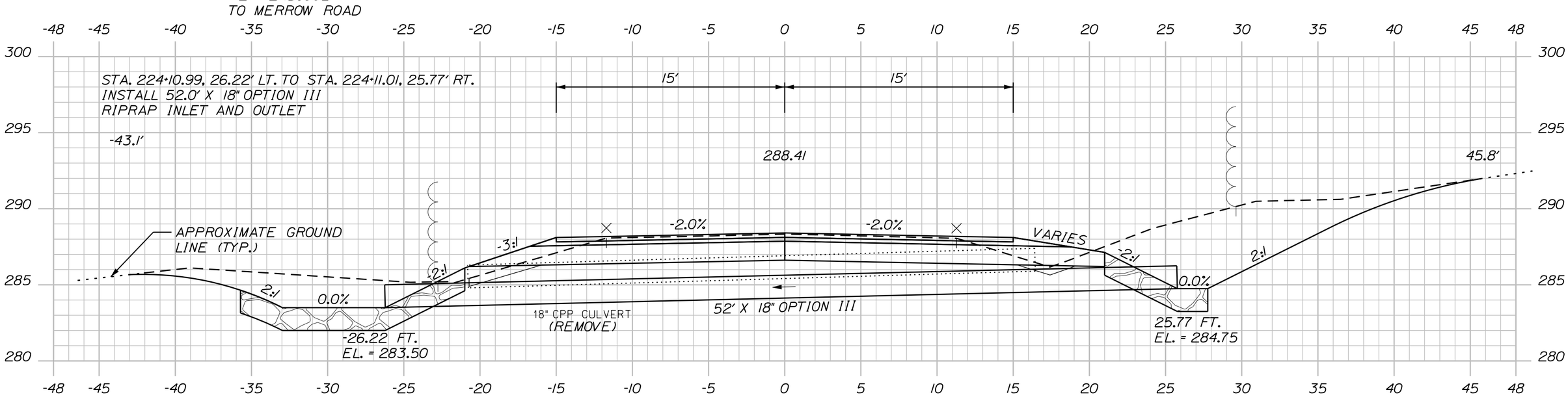
224+52.00
(PAVED RESIDENTIAL ENTRANCE)



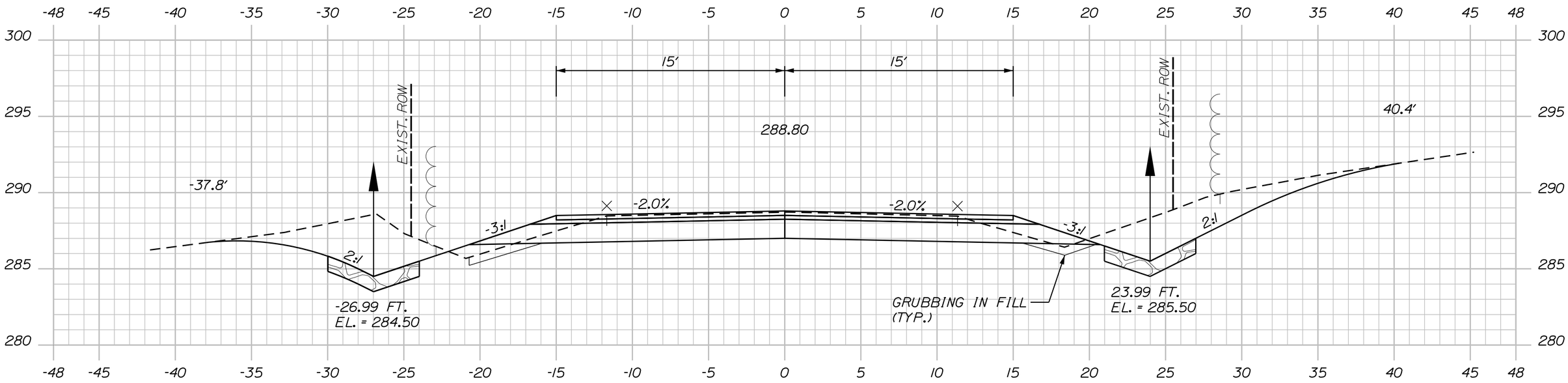
224+50.00

STA. 224+18.50, RT. TO CB8
INSTALL 403.8' X 6" UD TYPE "B"

DITCH ENTERS
PERPENDICULAR
TO MERROW ROAD



224+11.00
(CROSS CULVERT)



224+00.00

Sta. 224+00.00 to Sta. 224+52.00

SHEET NUMBER 46 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

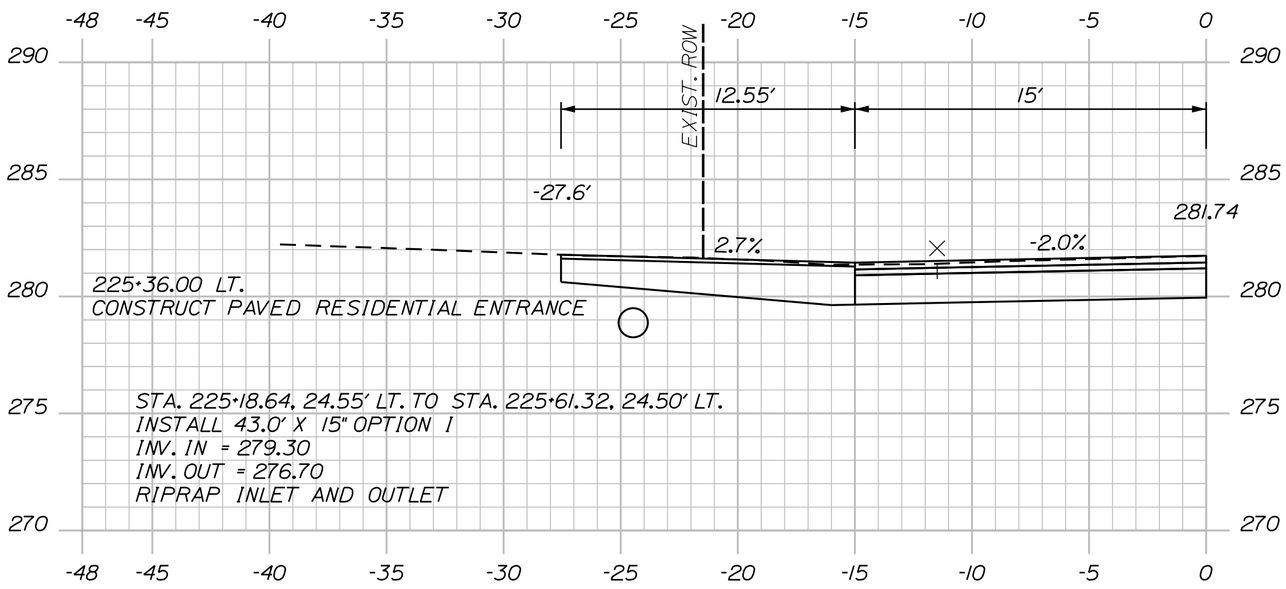
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

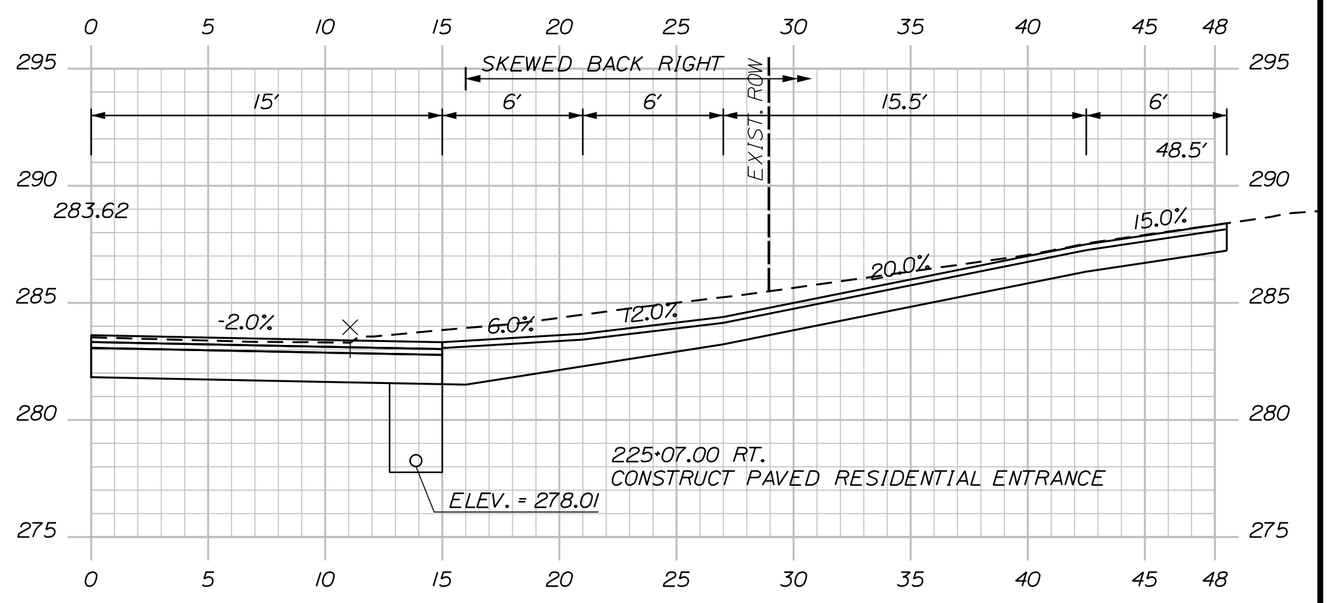
P.E. NUMBER

DATE

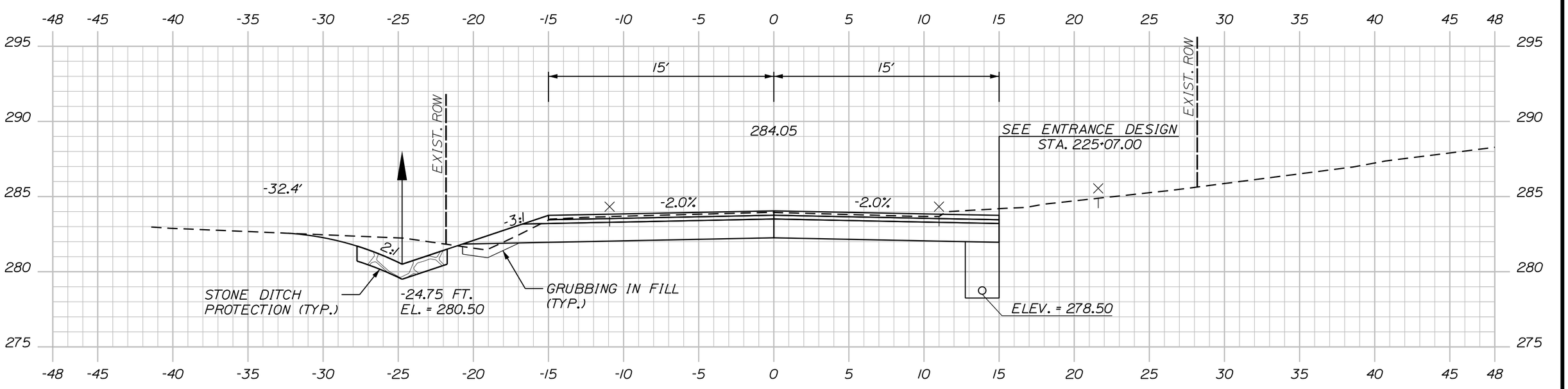
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



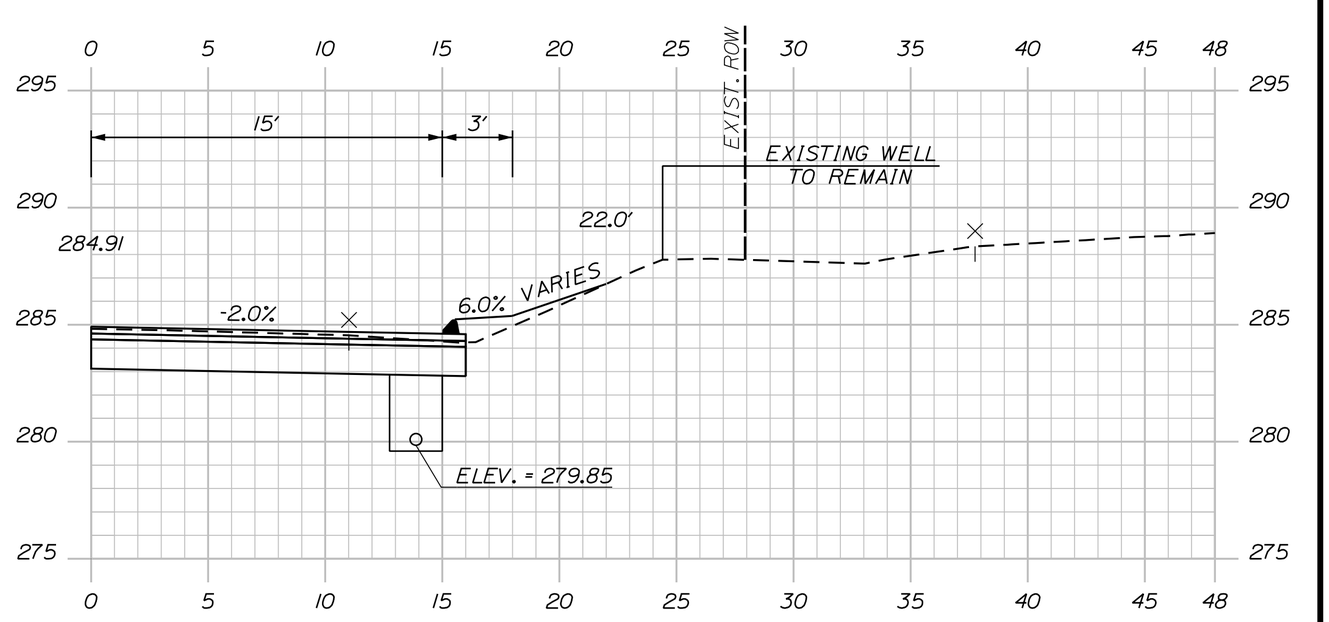
225+36.00
(PAVED RESIDENTIAL ENTRANCE)



225+07.00
(PAVED RESIDENTIAL ENTRANCE)



225+00.00



224+85.00
(STEEL COVER/WELL)

Sta. 224+85.00 to Sta. 225+36.00

SHEET NUMBER 47 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

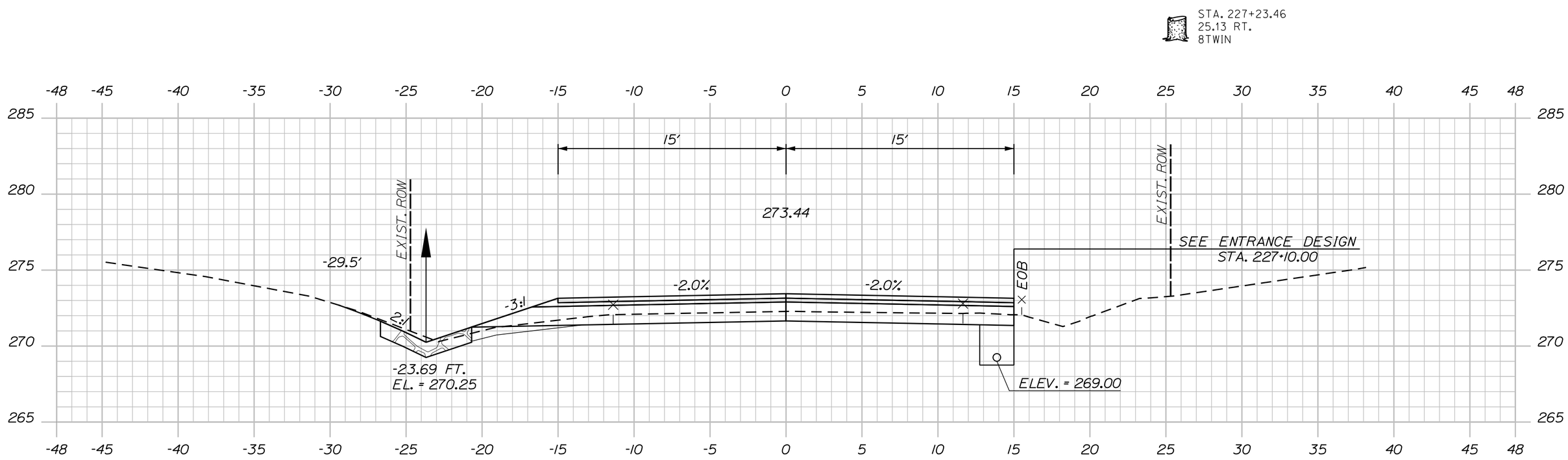
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

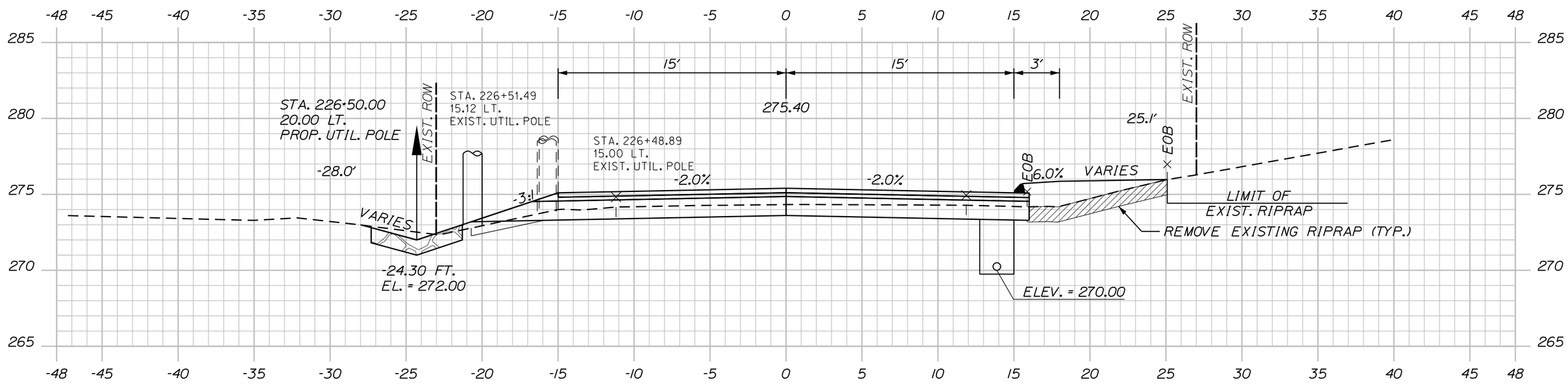
P.E. NUMBER

DATE

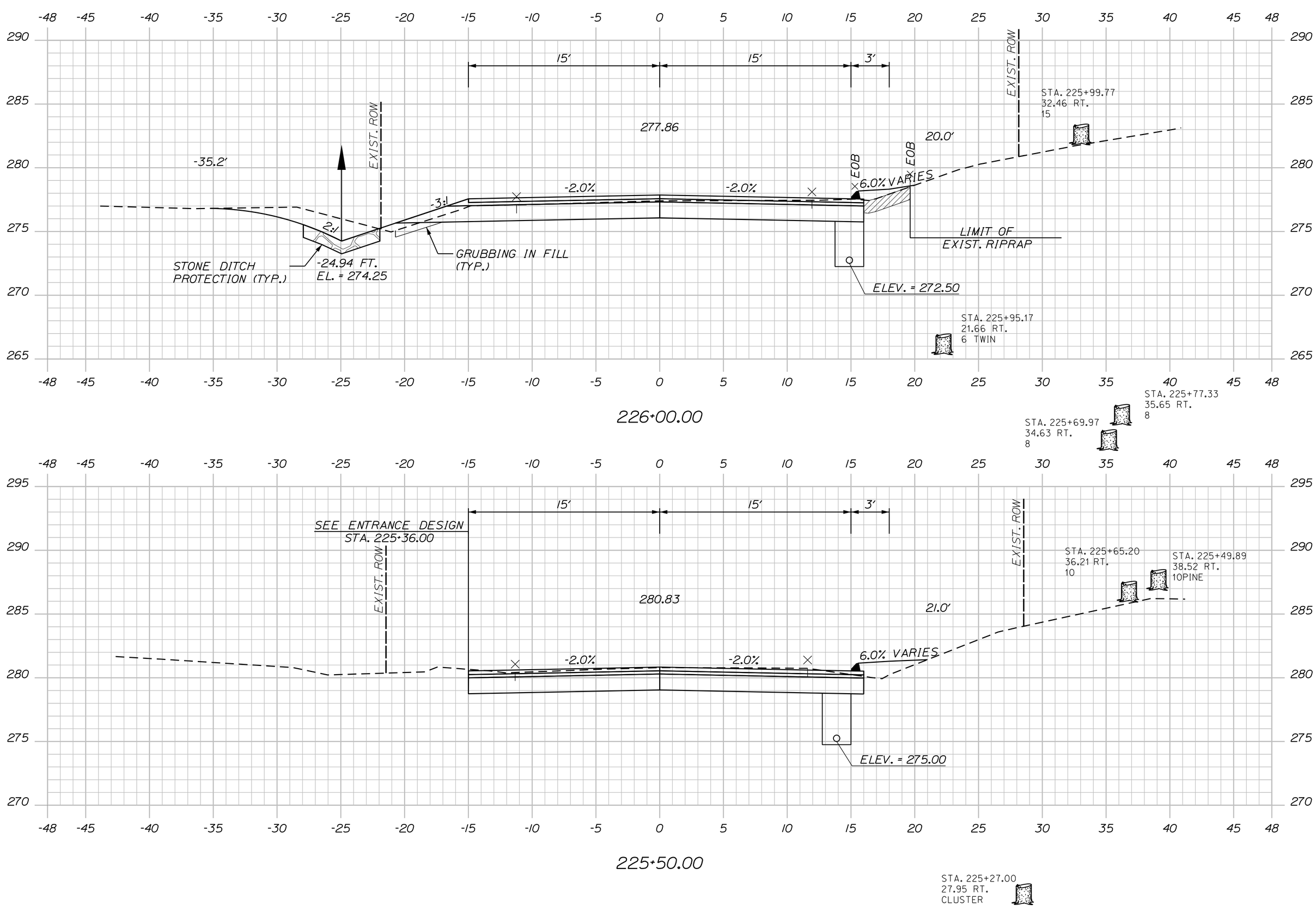
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



227+00.00



226+50.00



226+00.00

225+50.00

Sta. 225+50.00 to Sta. 227+00.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

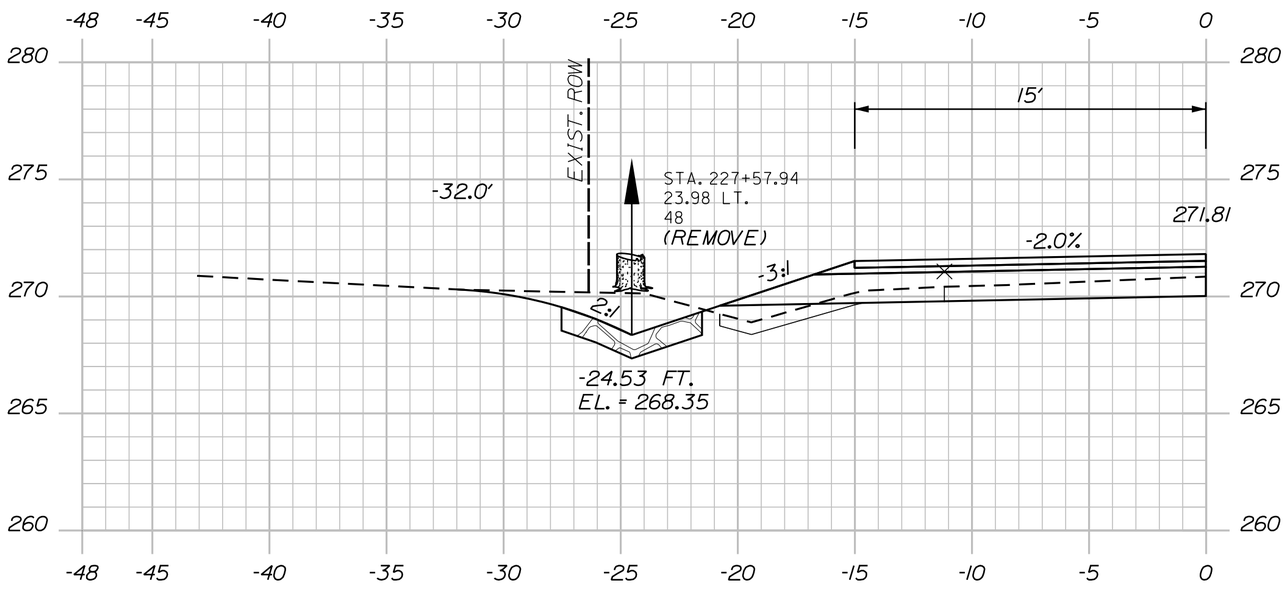
AUBURN MERROW ROAD

CROSS SECTIONS

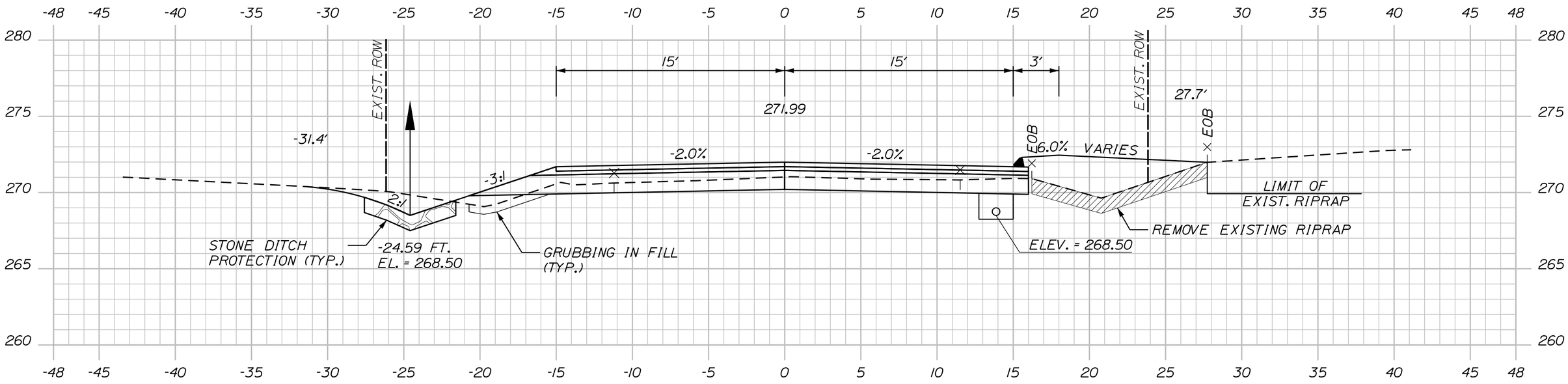
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

SHEET NUMBER 48 OF 78

STA. 227+64.40
27.71 RT.
6CLUSTER

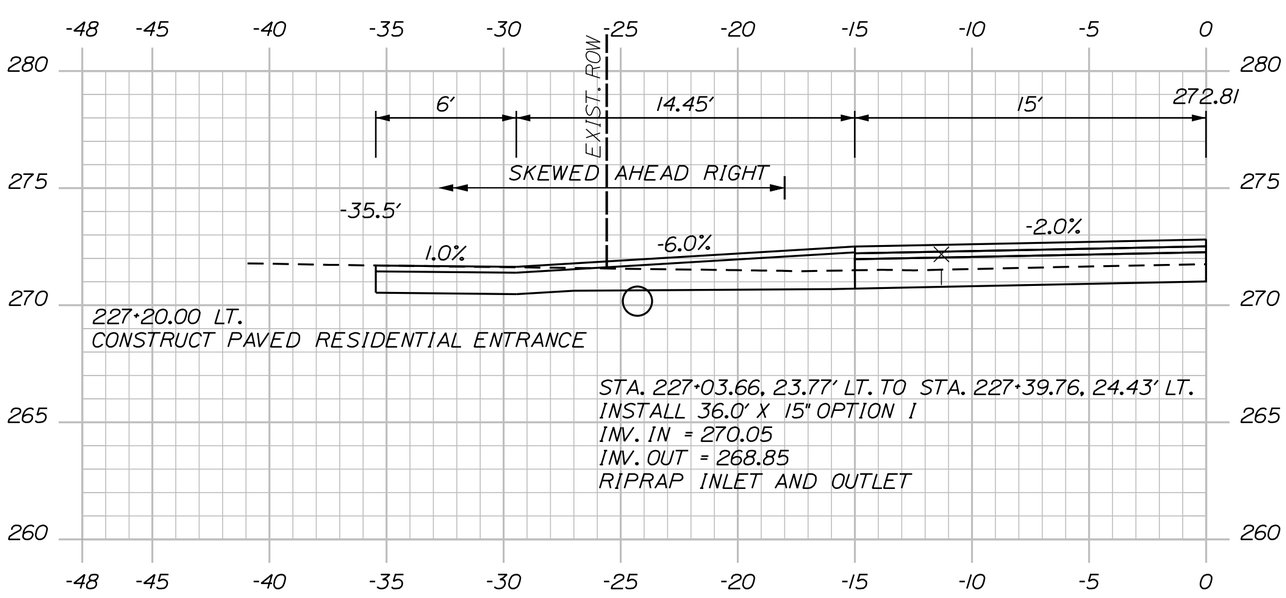


227+57.94
(48" WILLOW TREE)

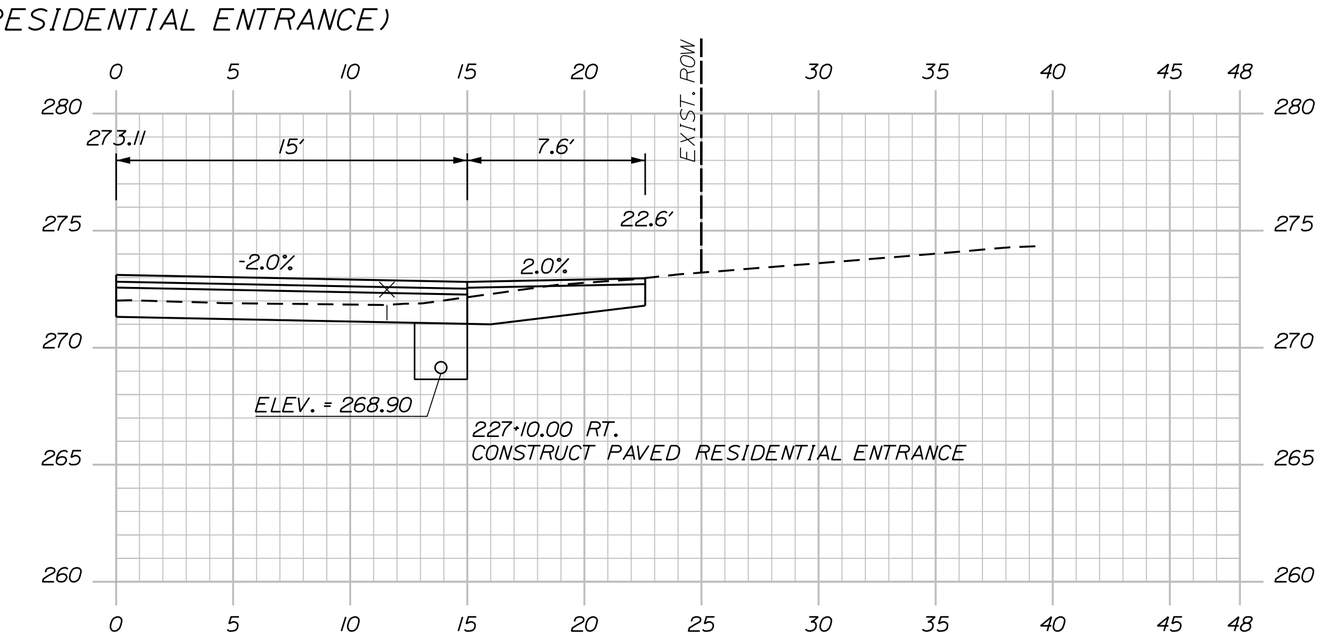


STA. 227+36.03
27.36 RT.
6

227+50.00



227+20.00
(PAVED RESIDENTIAL ENTRANCE)



227+10.00
(PAVED RESIDENTIAL ENTRANCE)

Sta. 227+10.00 to Sta. 227+57.94

SHEET NUMBER 49 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

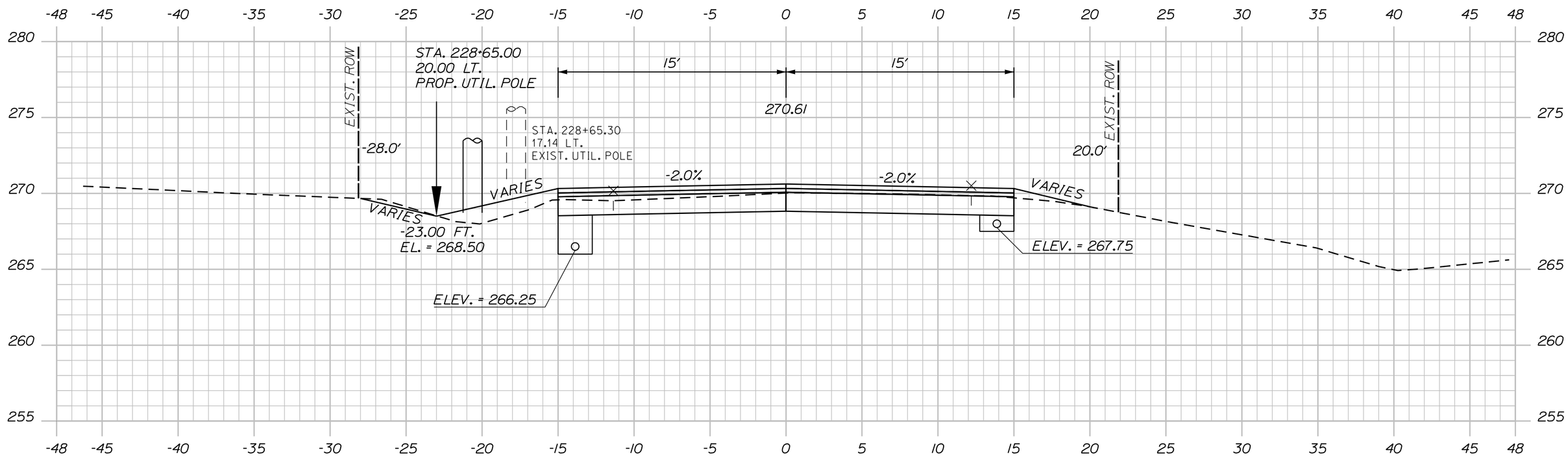
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

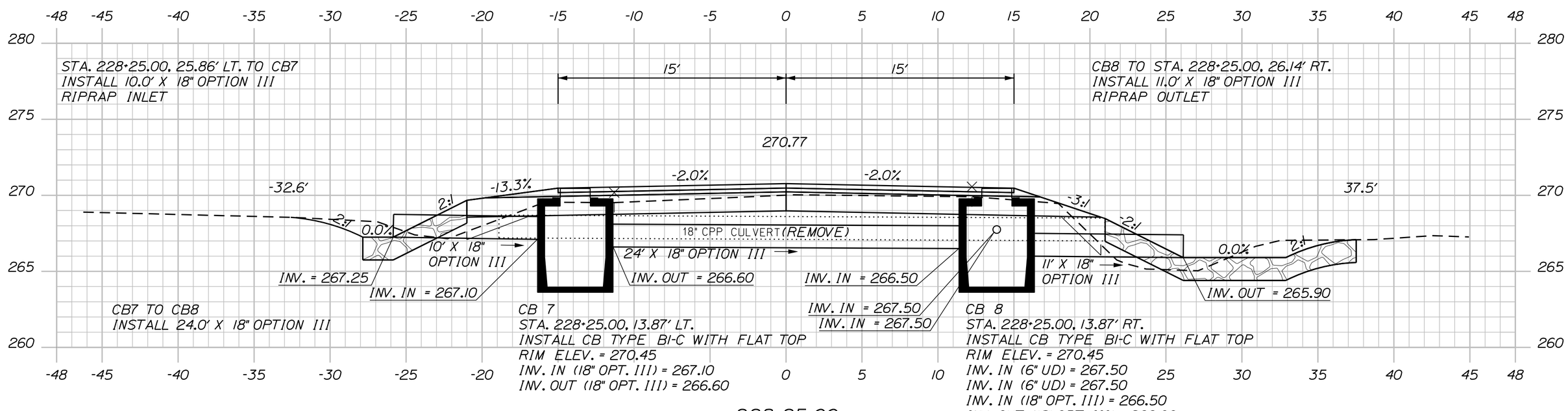


STA. 228+35.00, LT. TO STA. 233+40.48, LT.
INSTALL 505.4' X 6" UD TYPE "B"

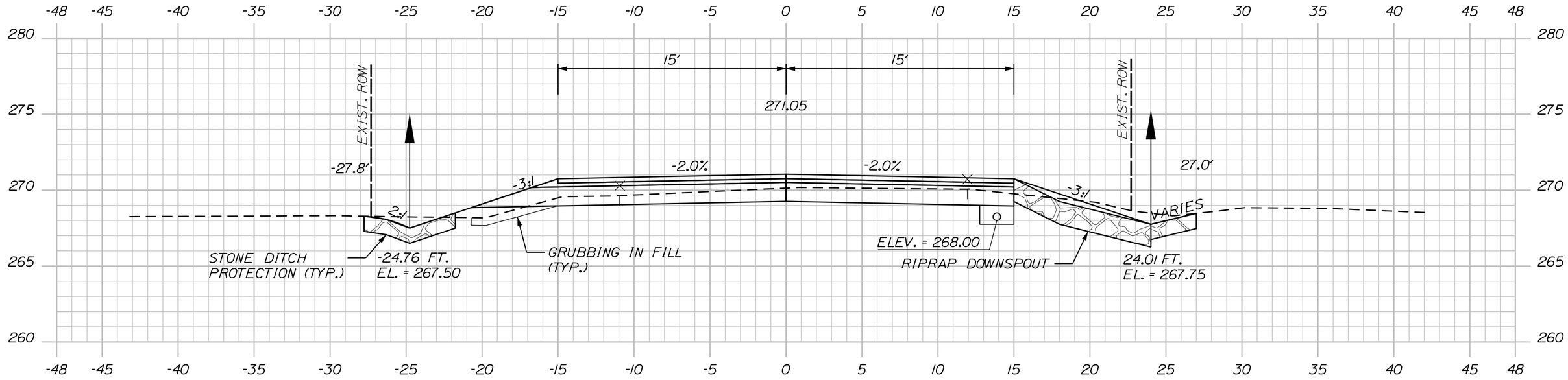
228+50.00

CB8 TO STA. 229+80.00, RT.
INSTALL 153.3' X 6" UD TYPE "B"

STA. 228+26.52
32.37 RT.
12
(REMOVE)

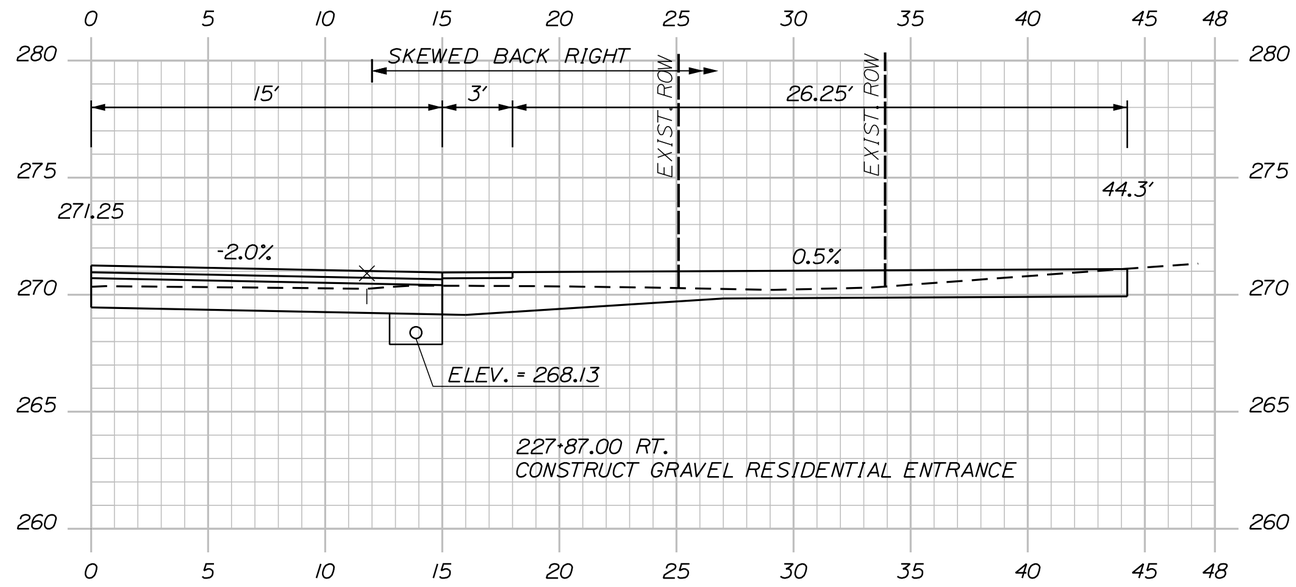


228+25.00
(CROSS CULVERT)



228+00.00

STA. 228+00, RT.
CONSTRUCT RIPRAP DOWNSPOUT



227+87.00
(GRAVEL RESIDENTIAL ENTRANCE)

Sta. 227+87.00 to Sta. 228+50.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

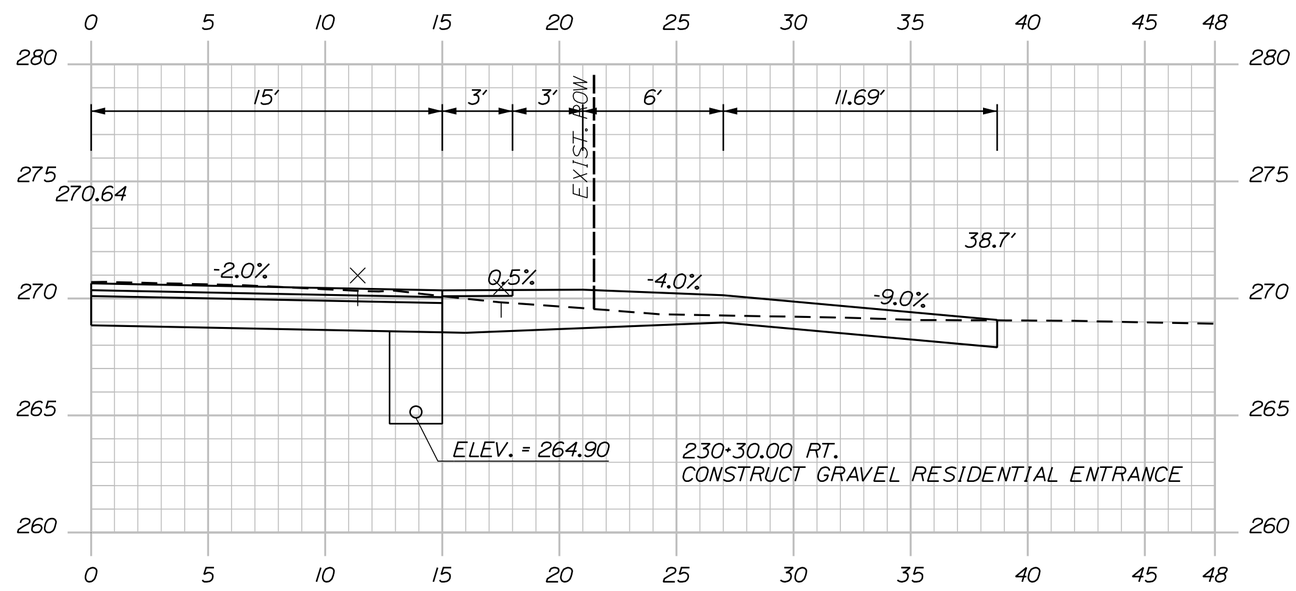
DATE

AUBURN
MERROW ROAD

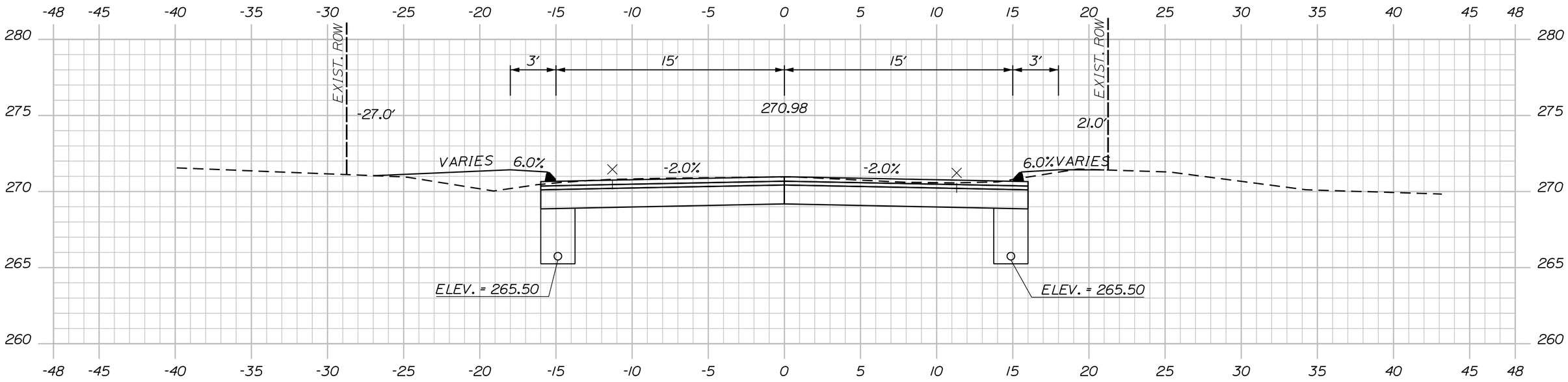
CROSS SECTIONS

SHEET NUMBER 50 OF 78

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



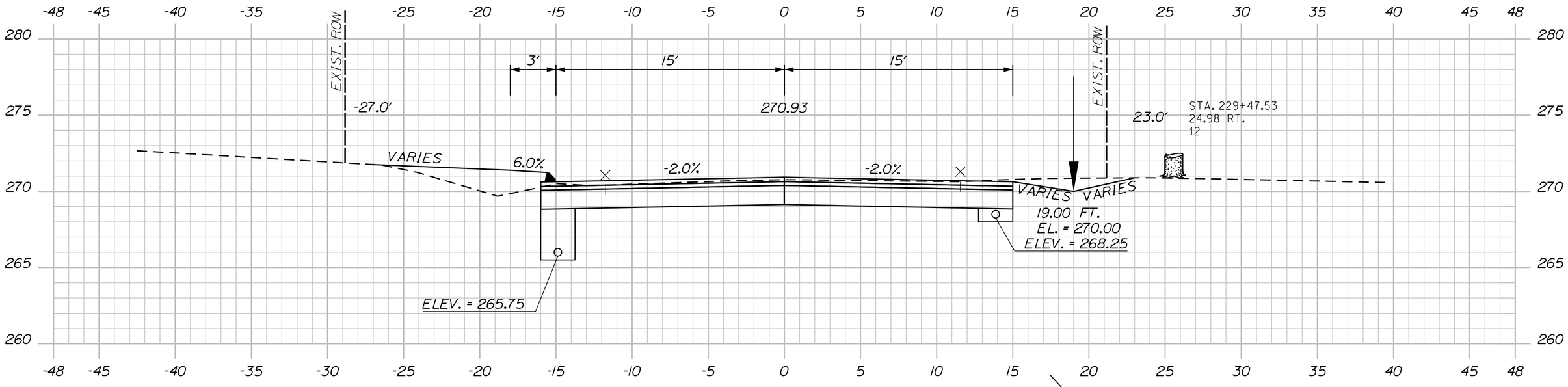
230+30.00
(GRAVEL RESIDENTIAL ENTRANCE)



230+00.00

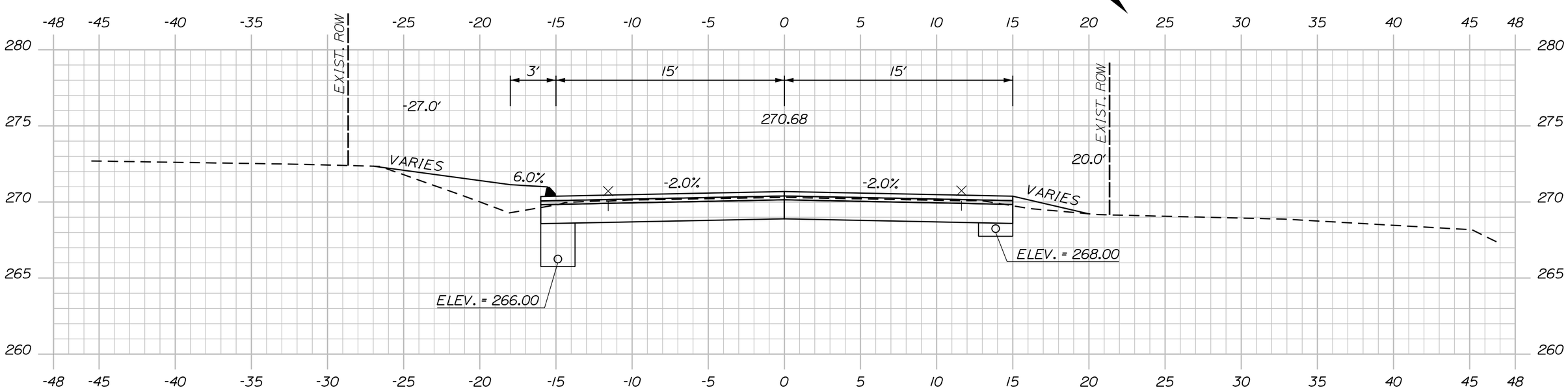
STA. 230+07.60
20.19 RT.
EXIST. STUMP
(REMOVE)

STA. 229+95.00, RT. TO STA. 234+38.30, RT.
INSTALL 446.0' X 6" UD TYPE "B"



229+50.00

STA. 229+29.47
25.26 RT.
12TWIN



229+00.00

Sta. 229+00.00 to Sta. 230+30.00

SHEET NUMBER 51 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

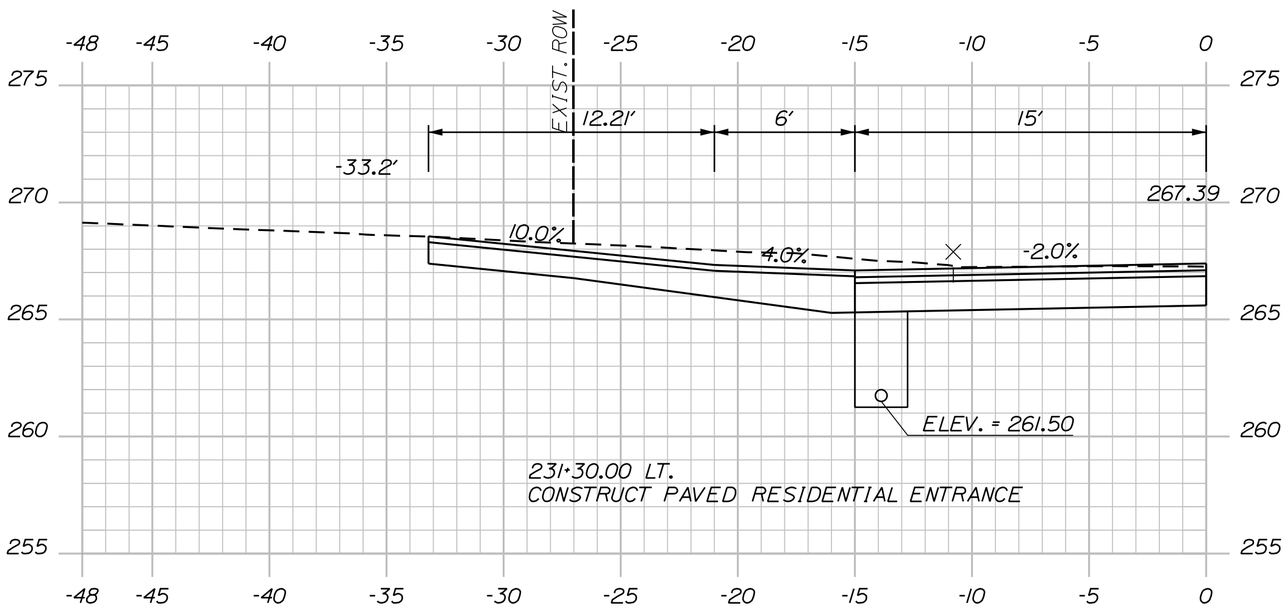
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

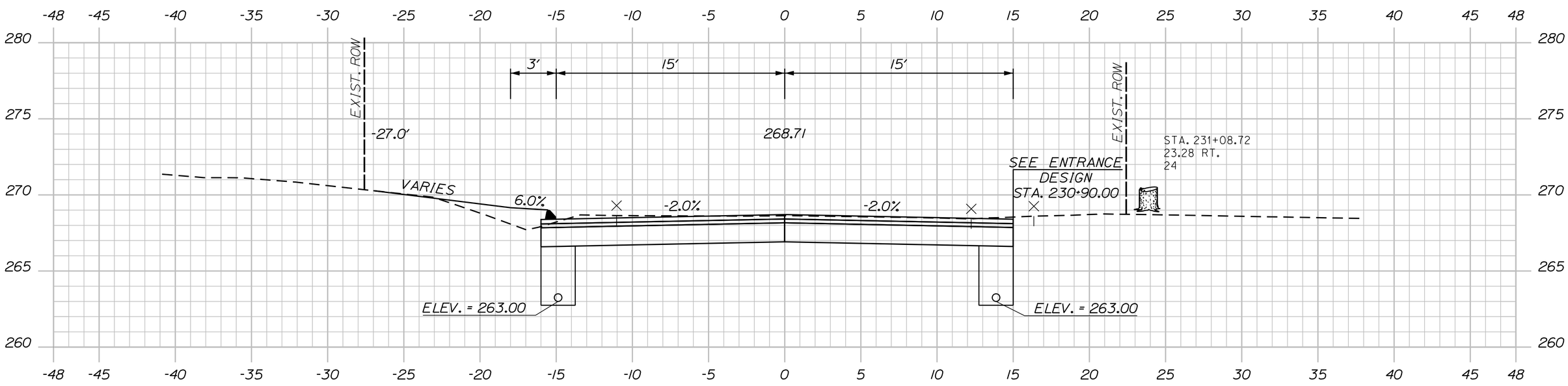
P.E. NUMBER

DATE

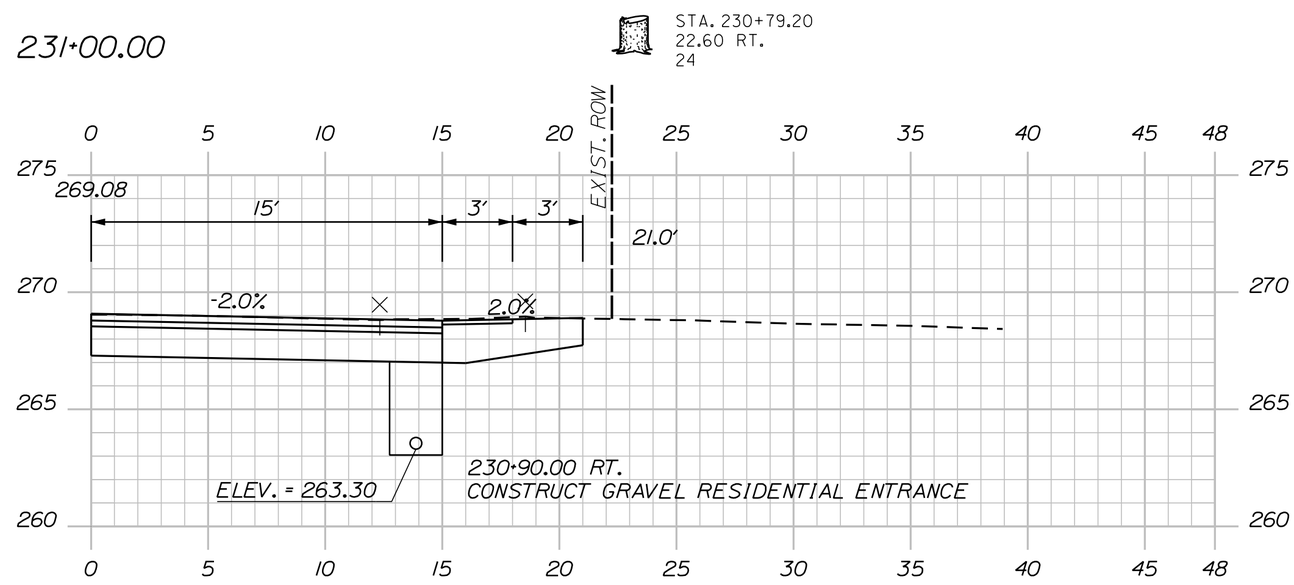
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



231+30.00
(PAVED RESIDENTIAL ENTRANCE)

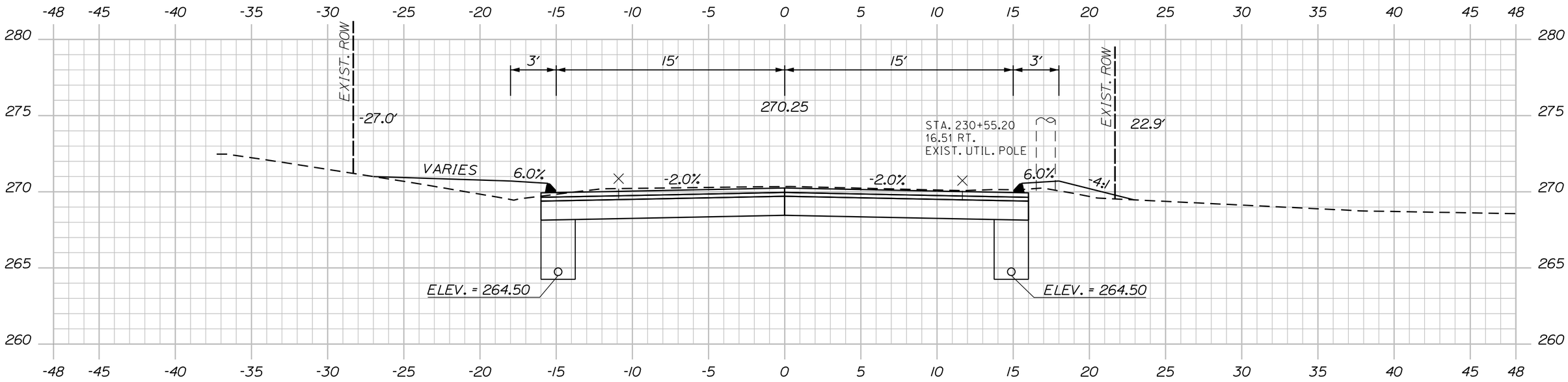


231+00.00



230+90.00
(GRAVEL RESIDENTIAL ENTRANCE)

STA. 230+52.14, 17.01' RT. TO STA. 230+52.51, 27.00' RT.
REMOVE AND RESET 10.0 LF OF FENCE



230+50.00

Sta. 230+50.00 to Sta. 231+30.00

SHEET NUMBER 52 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

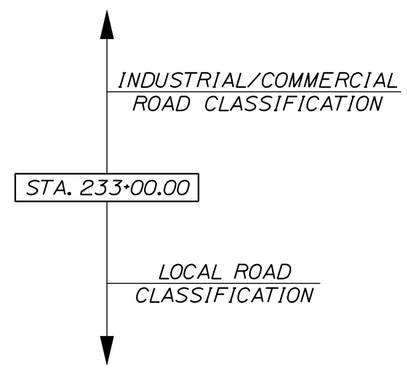
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

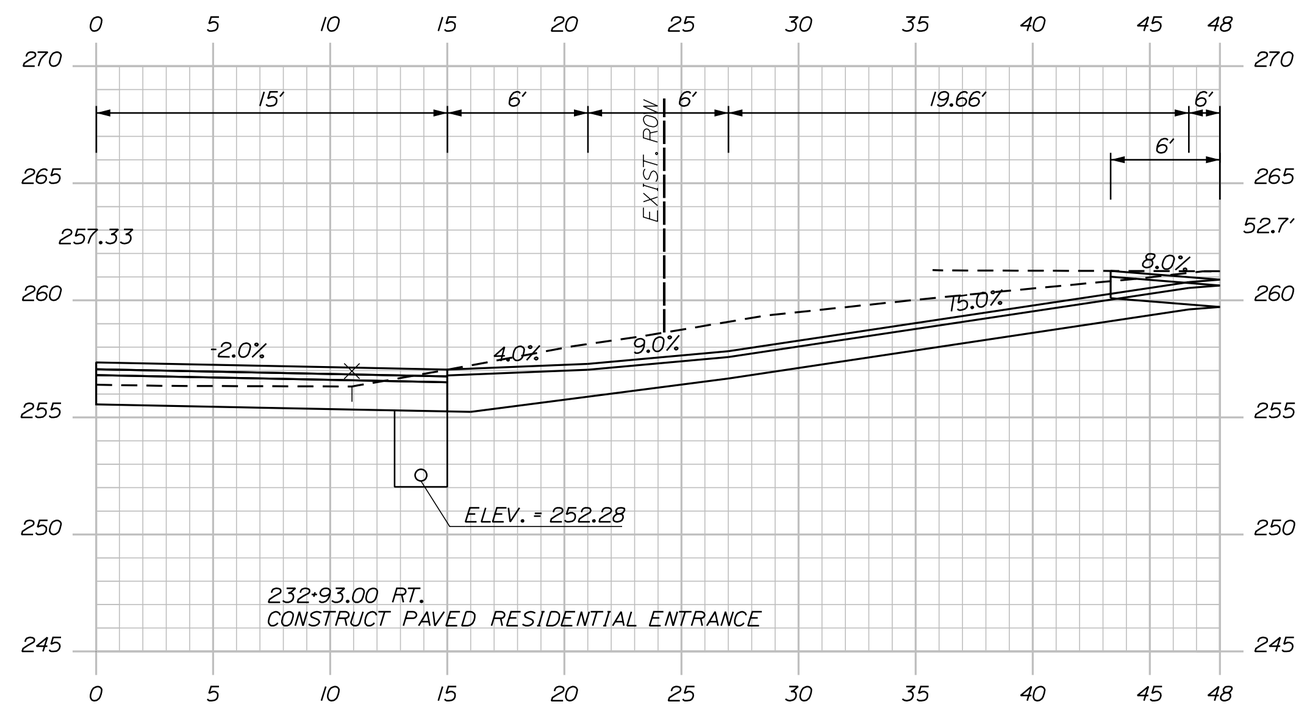
SIGNATURE

P.E. NUMBER

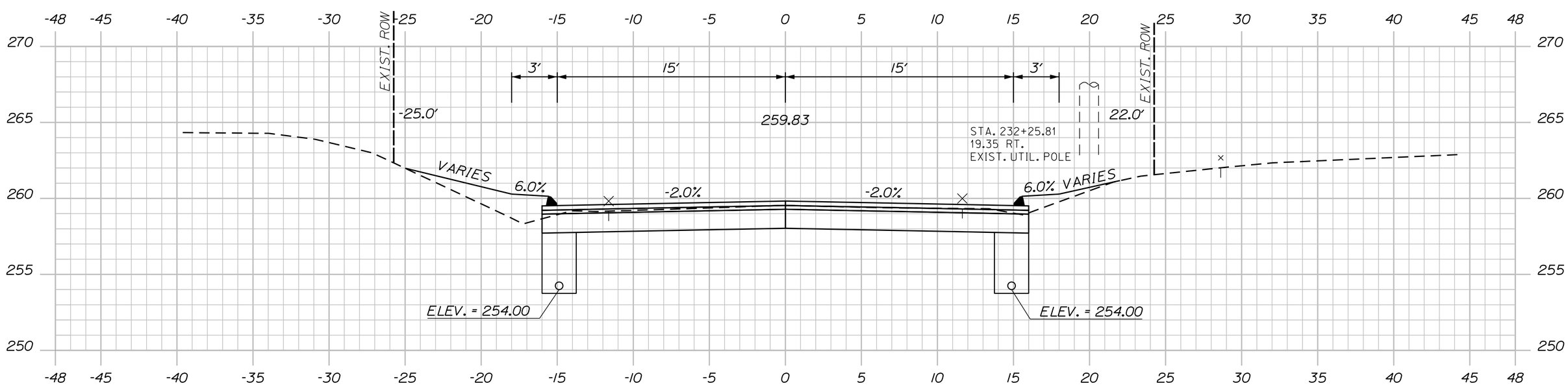
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

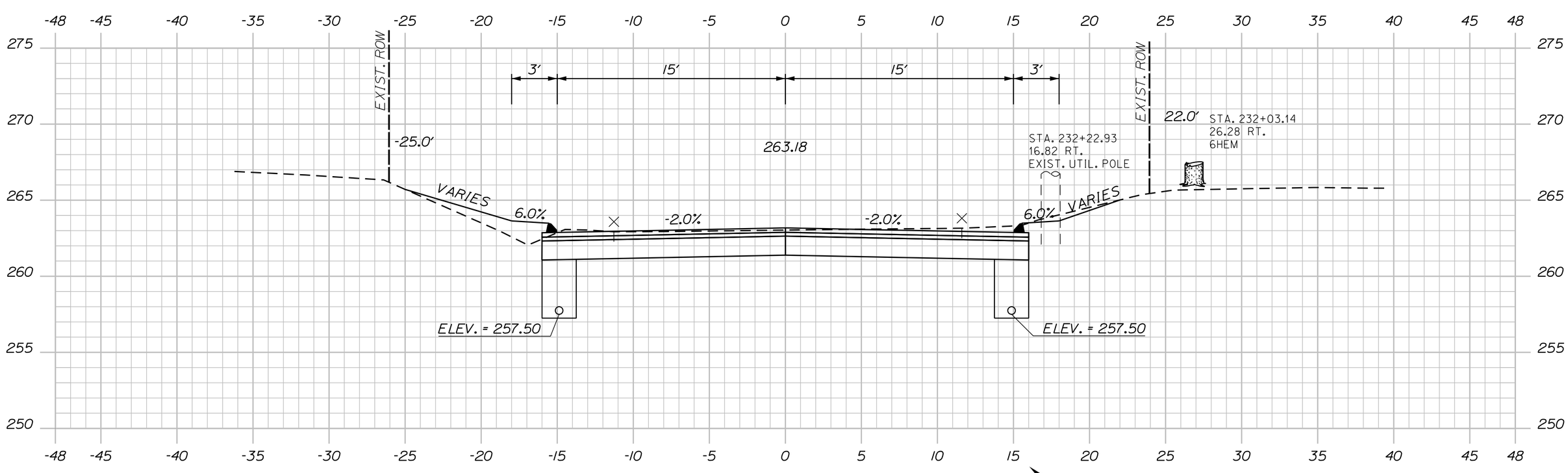




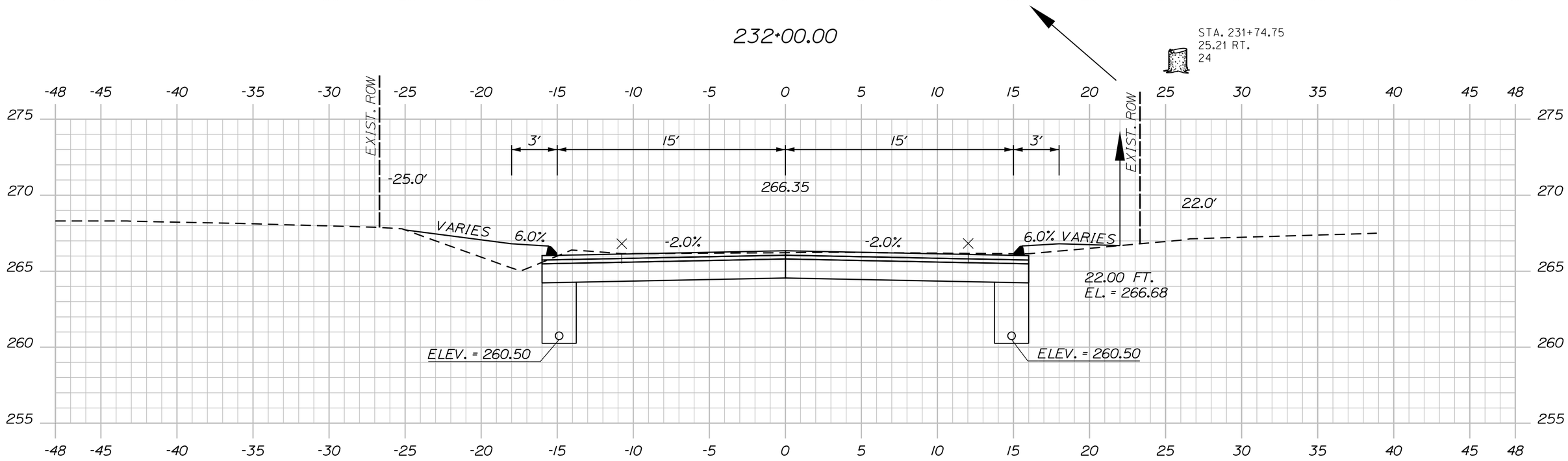
232+93.00
(PAVED RESIDENTIAL ENTRANCE)



232+50.00



232+00.00



231+50.00

Sta. 231+50.00 to Sta. 232+93.00

SHEET NUMBER 53 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

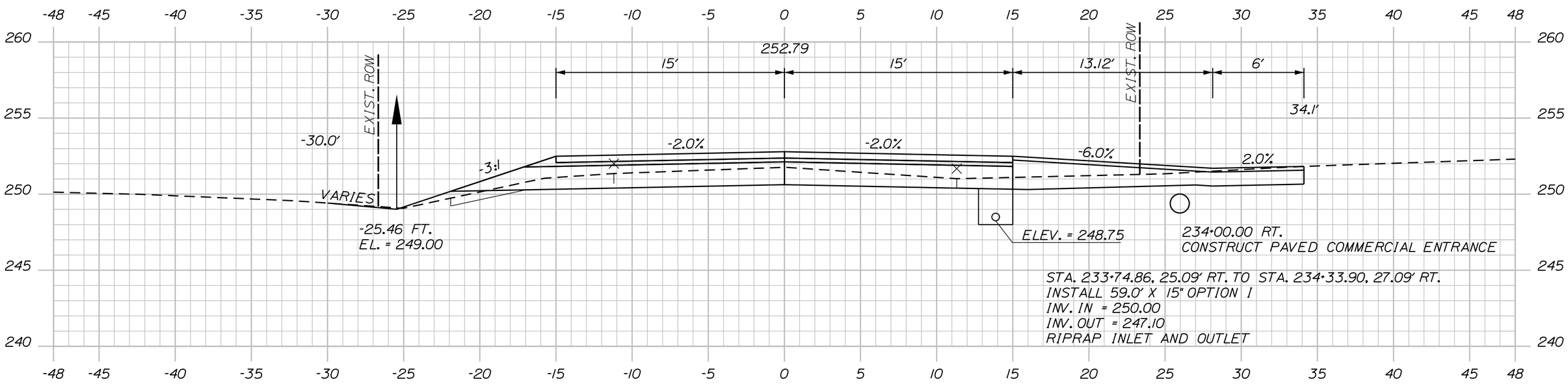
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

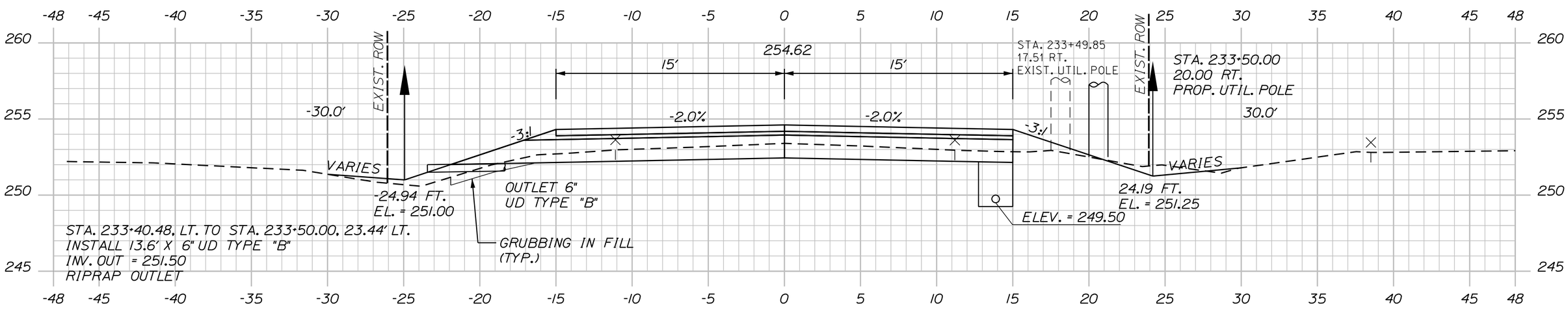
P.E. NUMBER

DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



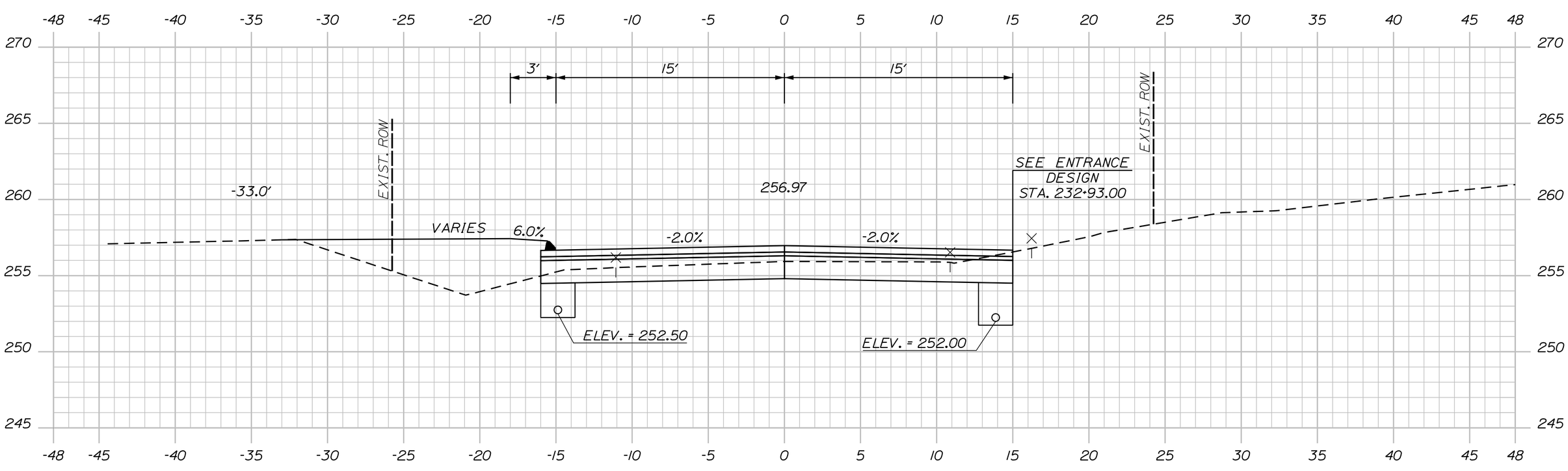
234+00.00 (PAVED COMMERCIAL ENTRANCE)



STA. 233+20, LT.
CONSTRUCT RIPRAP DOWNSPOUT

233+50.00

STA. 233+41, RT.
CONSTRUCT RIPRAP DOWNSPOUT



233+00.00

Sta. 233+00.00 to Sta. 234+00.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

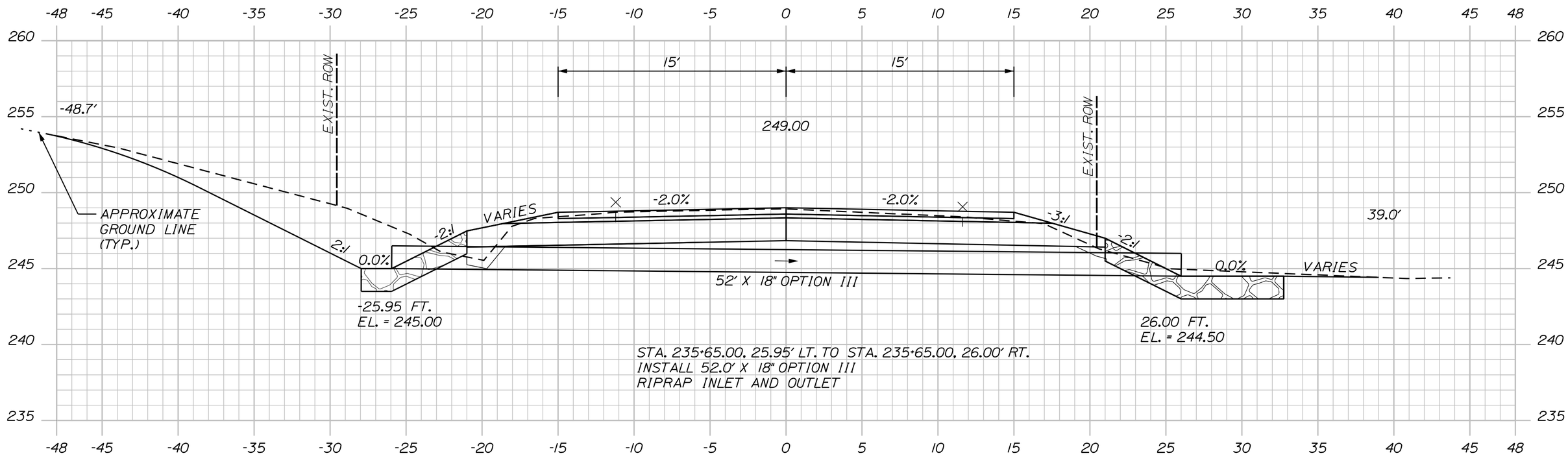
P.E. NUMBER

DATE

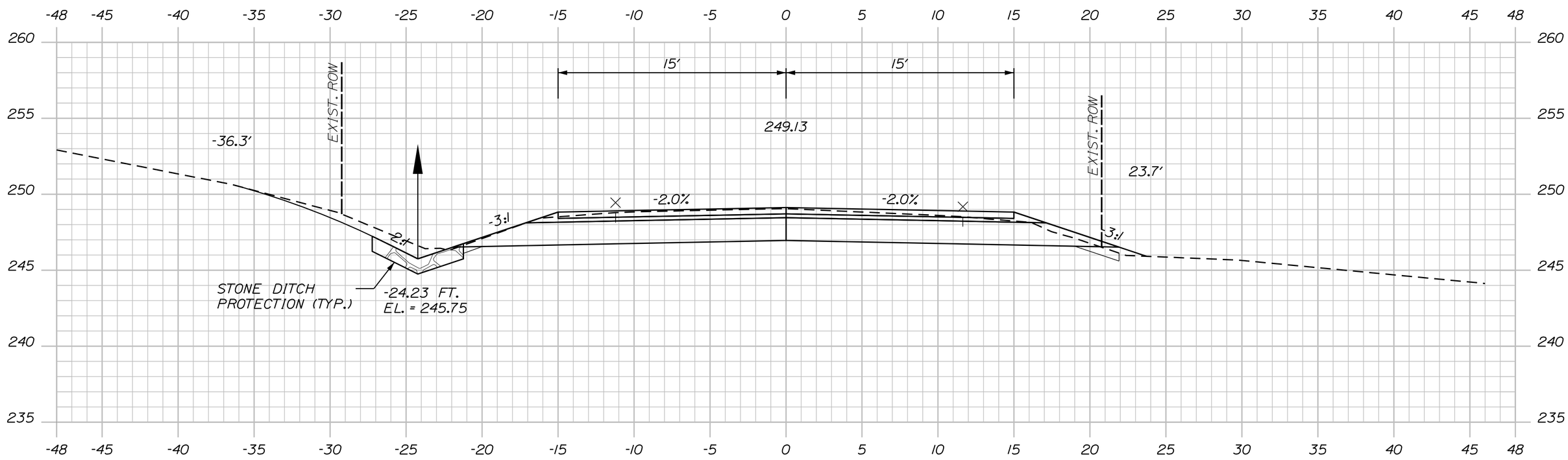
AUBURN MERROW ROAD

CROSS SECTIONS

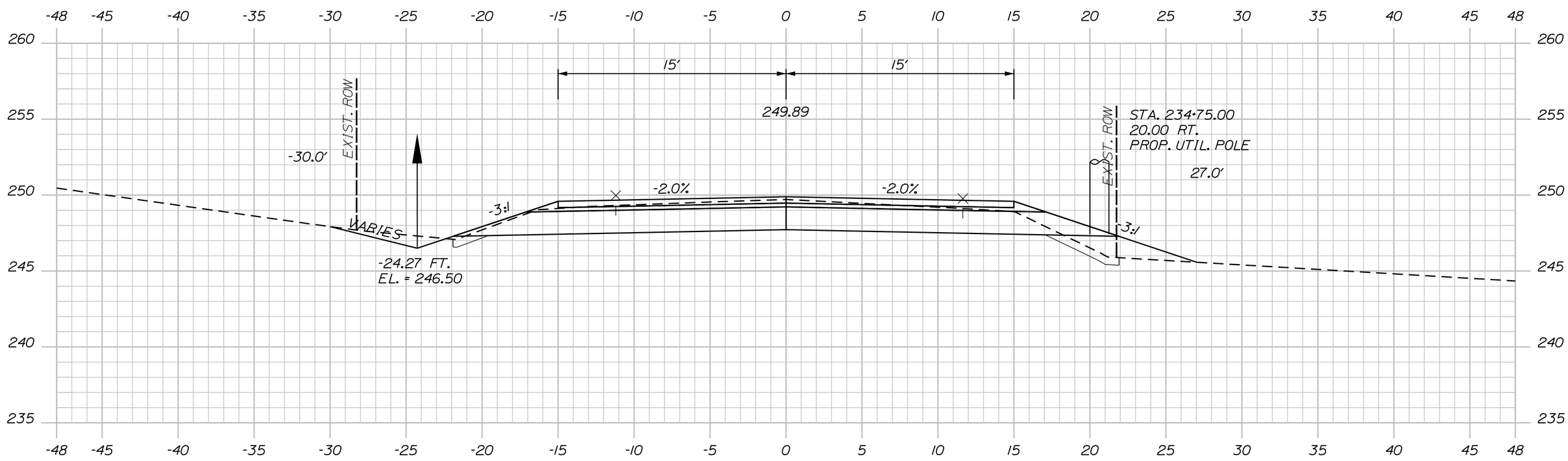
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



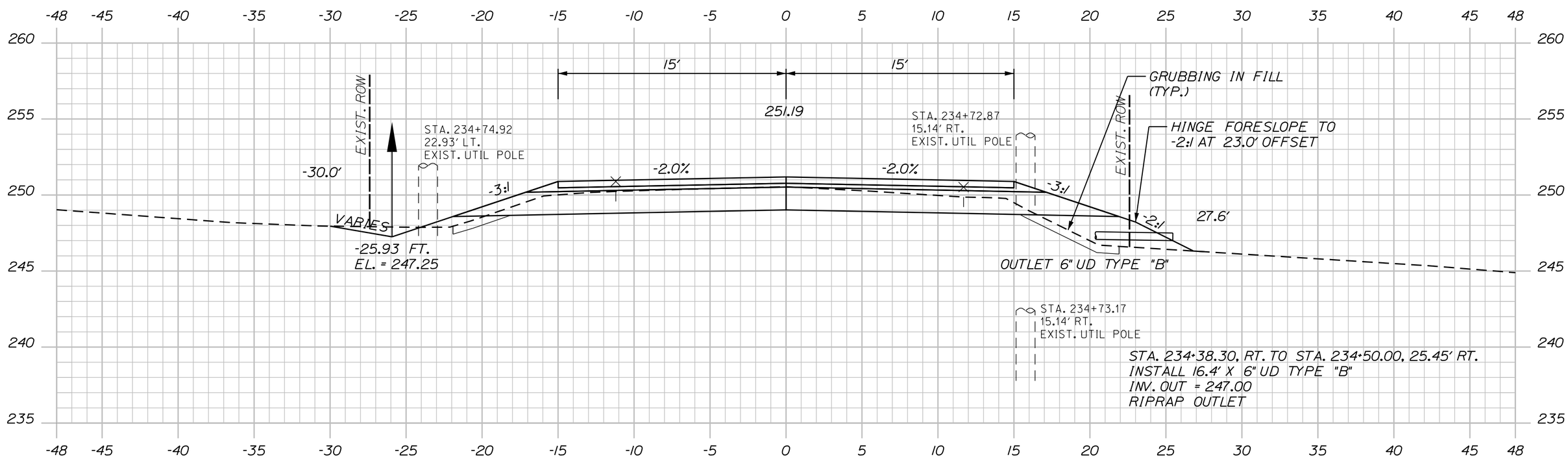
235+65.00
(CROSS CULVERT)



235+50.00



235+00.00



234+50.00

Sta. 234+50.00 to Sta. 235+65.00

SHEET NUMBER 55 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

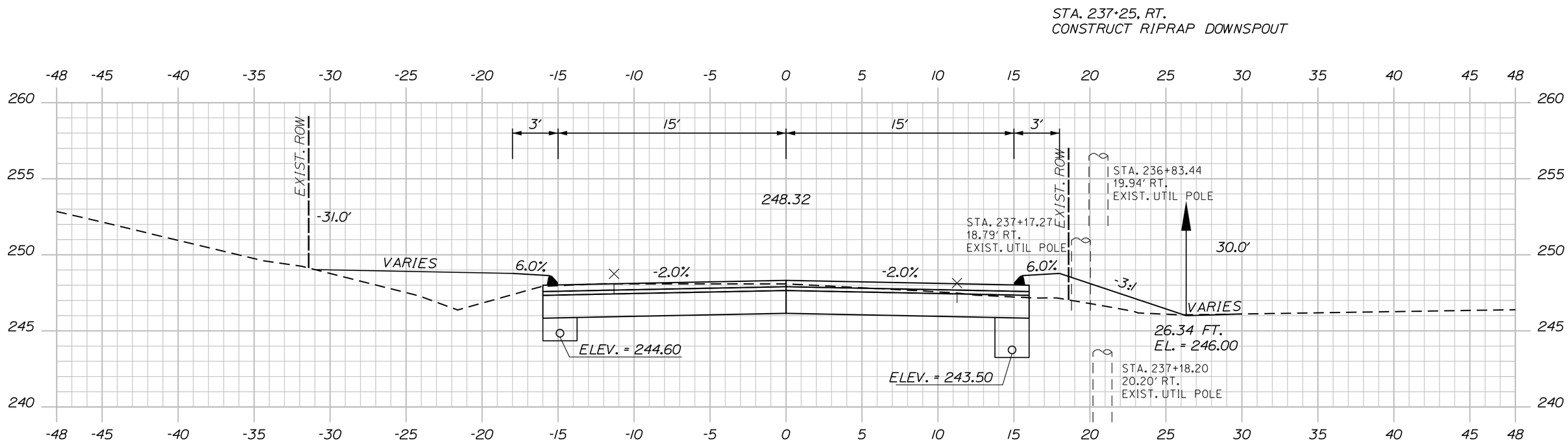
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

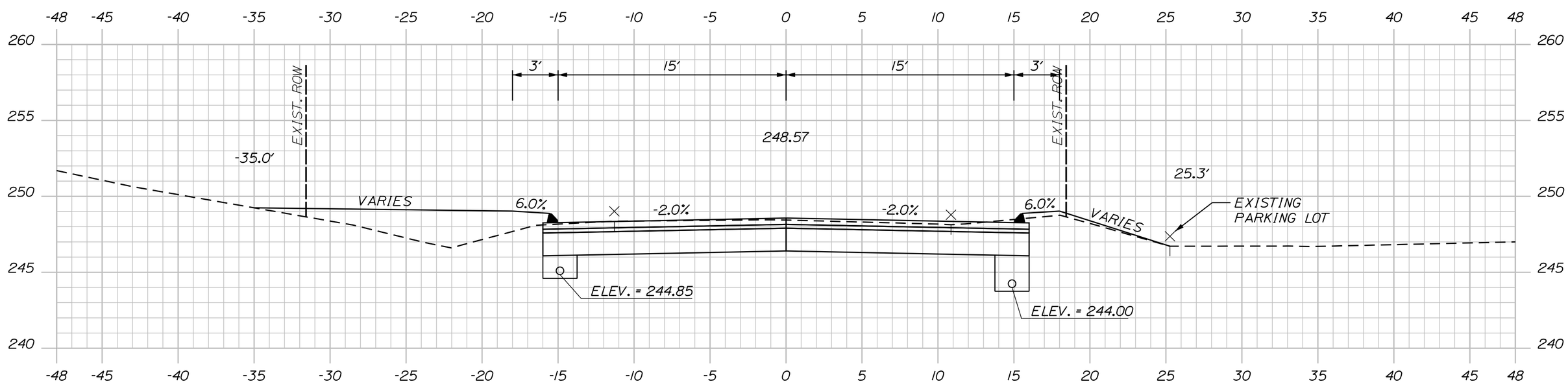
P.E. NUMBER

DATE

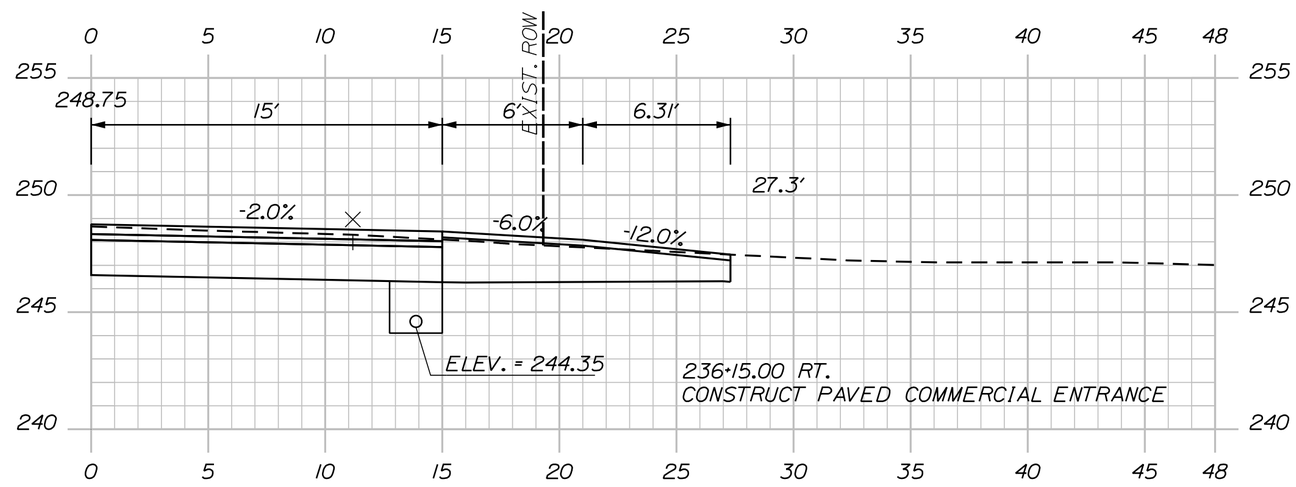
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



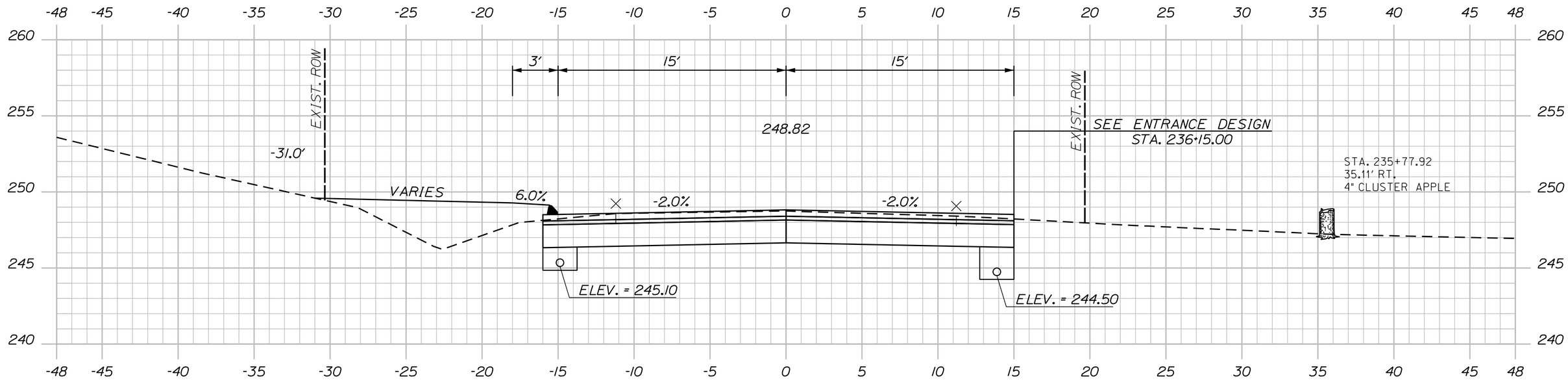
237+00.00



236+50.00



236+15.00
(PAVED COMMERCIAL ENTRANCE)



STA. 235+79.99, LT. TO STA. 238+87.89, LT.
INSTALL 311.1' X 6" UD TYPE "B"

236+00.00

STA. 235+77.19, RT. TO STA. 237+33.93, RT.
INSTALL 159.6' X 6" UD TYPE "B"

Sta. 236+00.00 to Sta. 237+00.00

SHEET NUMBER 56 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

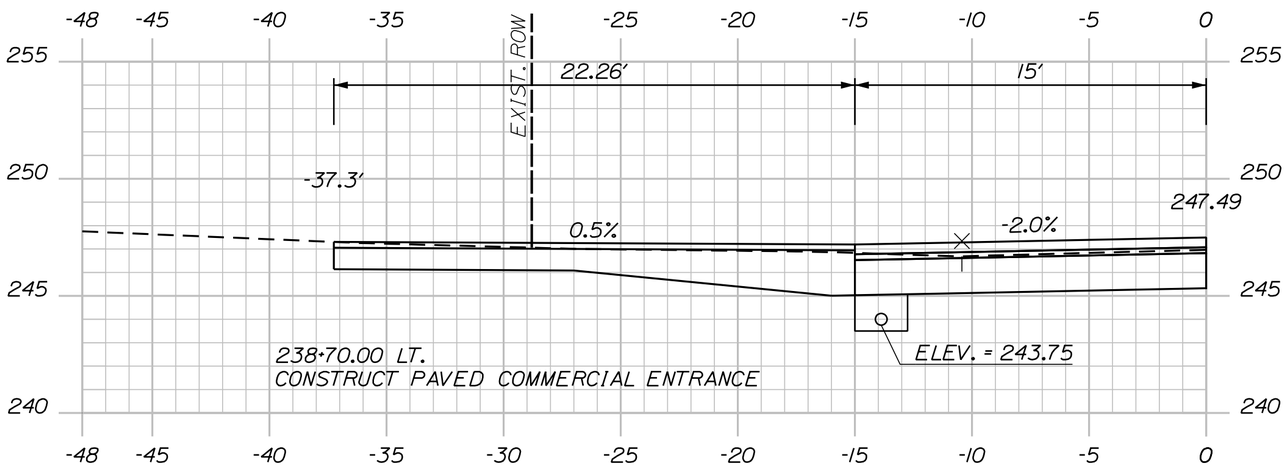
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

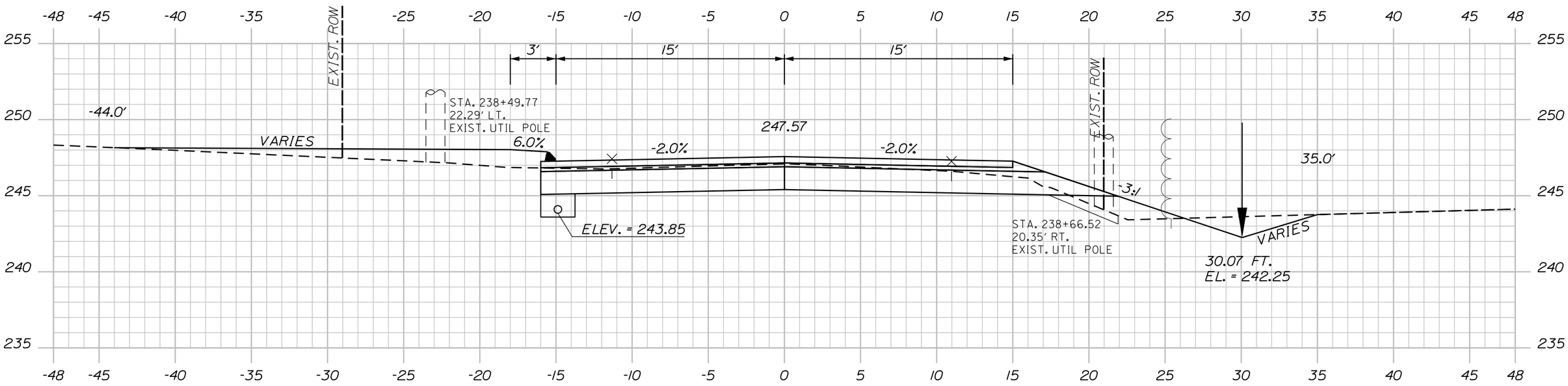
P.E. NUMBER

DATE

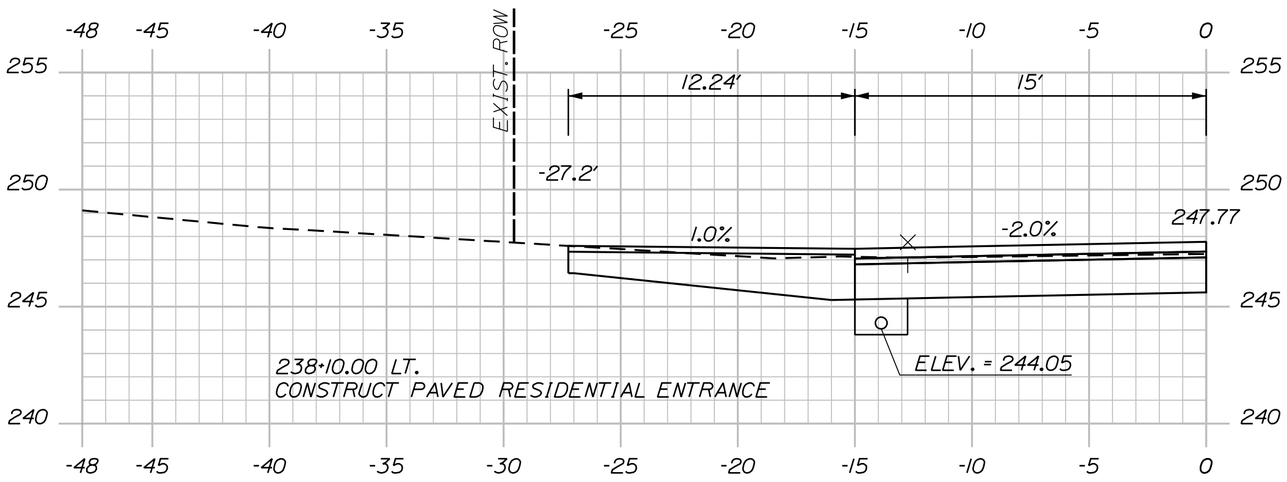
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



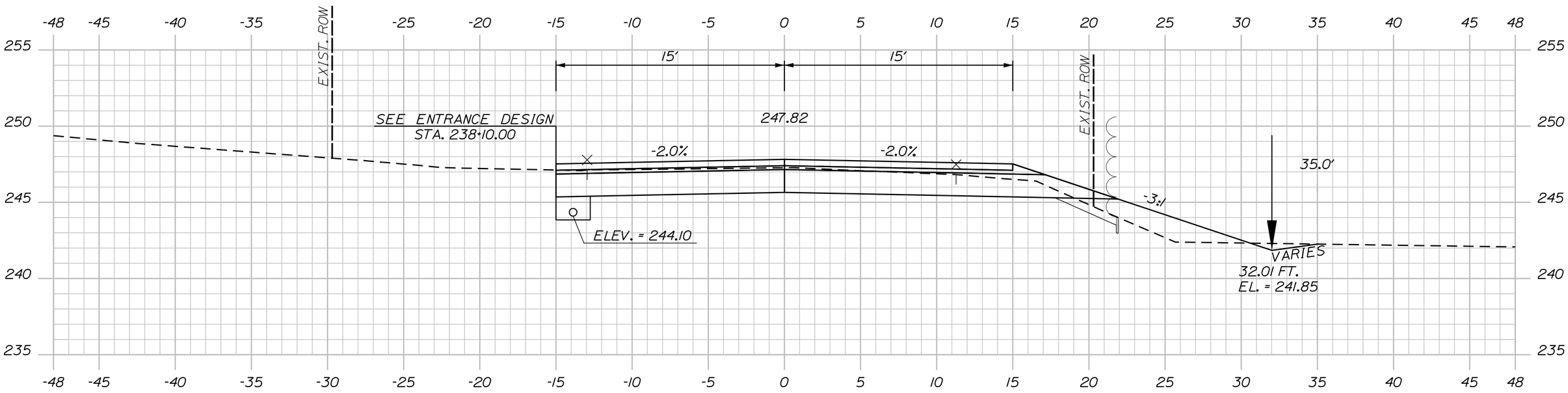
238+70.00
(PAVED COMMERCIAL ENTRANCE)



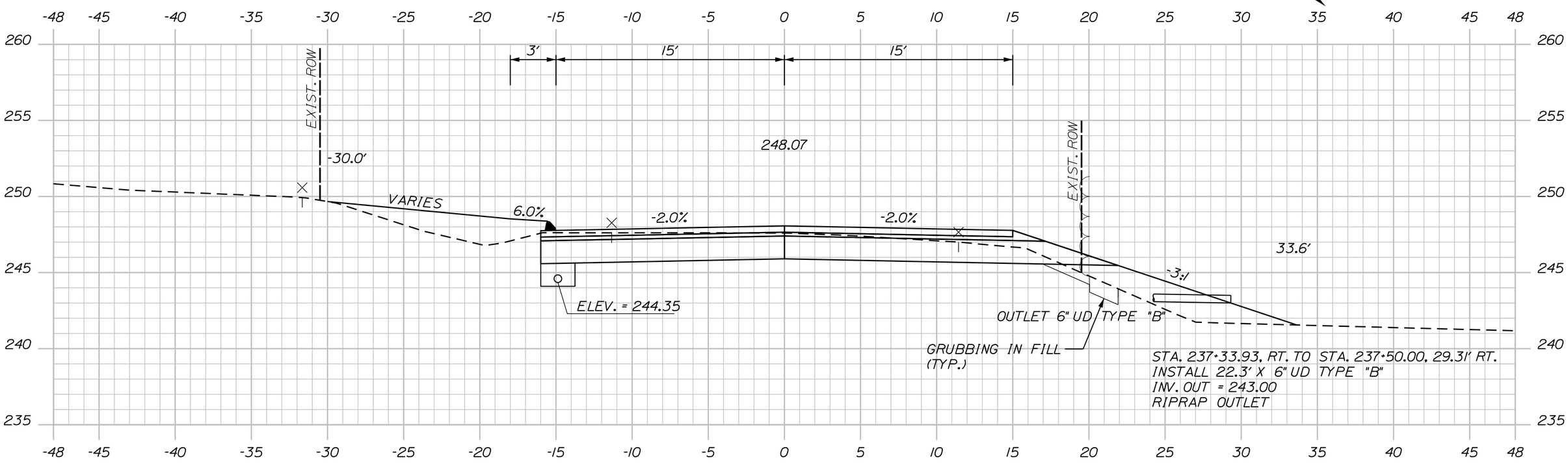
238+50.00



238+10.00
(PAVED RESIDENTIAL ENTRANCE)



238+00.00



237+50.00

Sta. 237+50.00 to Sta. 238+70.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

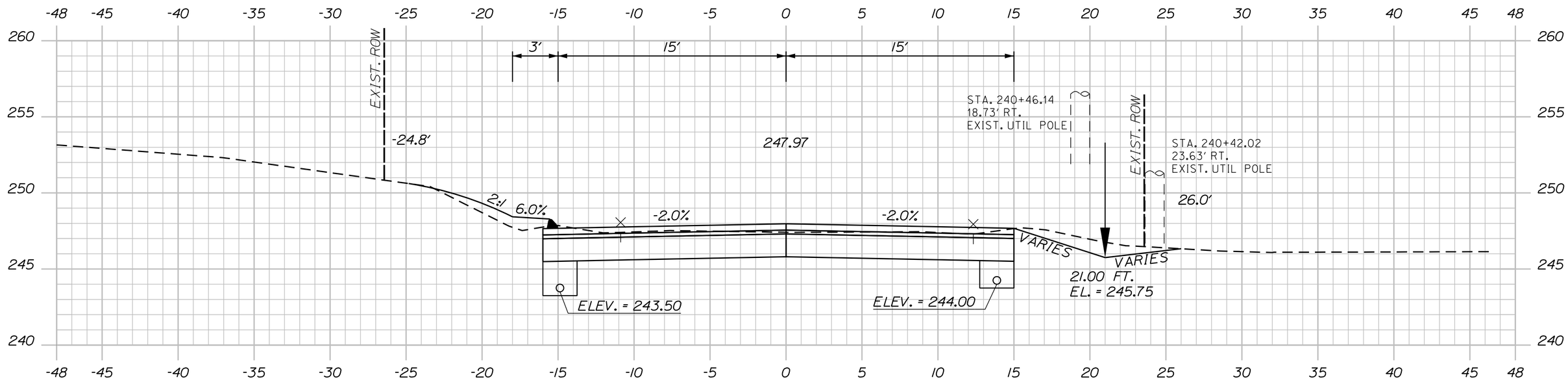
P.E. NUMBER

DATE

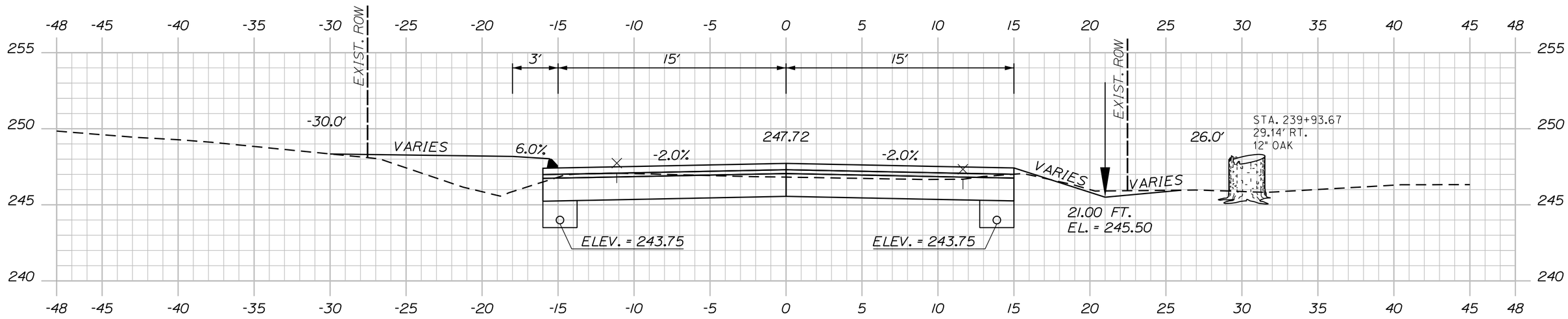
AUBURN
MERROW ROAD

CROSS SECTIONS

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

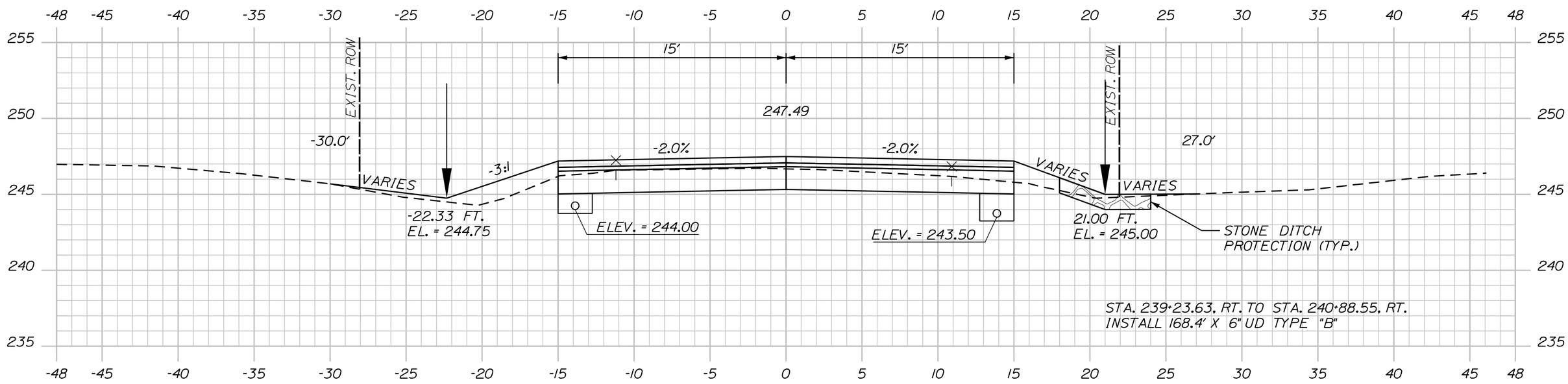


240+50.00



240+00.00

STA. 239+75, LT.
CONSTRUCT RIPRAP DOWNSPOUT

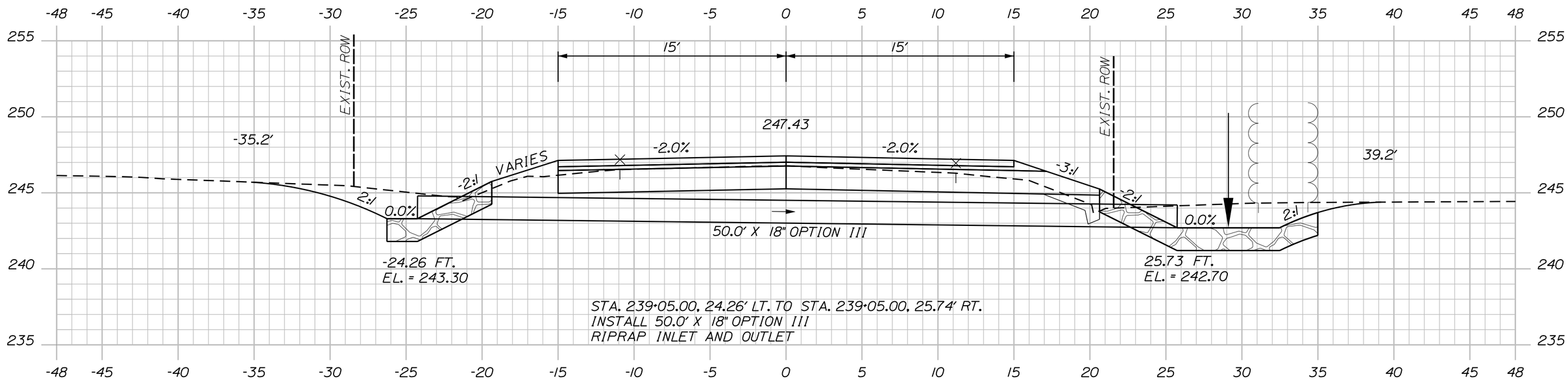


STA. 239+25.00, LT. TO STA. 243+07.48, LT.
INSTALL 384.7' X 6" UD TYPE "B"

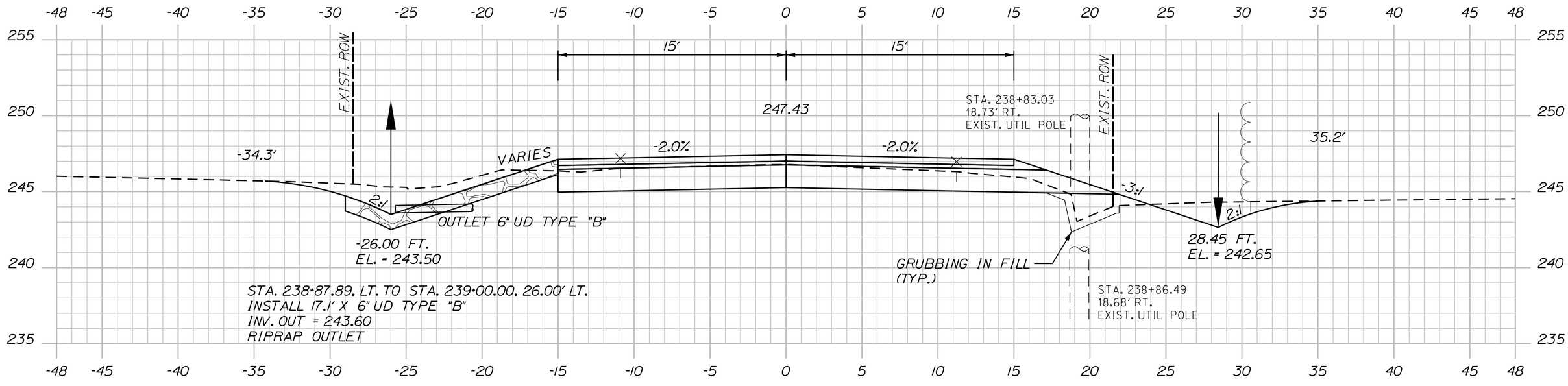
239+50.00

STA. 239+10.00, 27.50' RT. TO STA. 239+23.63, RT.
INSTALL 19.3' X 6" UD TYPE "B"
INV. OUT = 243.00
RIPRAP OUTLET

OUTLET 6" UD TYPE "B"



239+05.00
(CROSS CULVERT)



STA. 239+00, LT.
CONSTRUCT RIPRAP DOWNSPOUT

239+00.00

Sta. 239+00.00 to Sta. 240+50.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

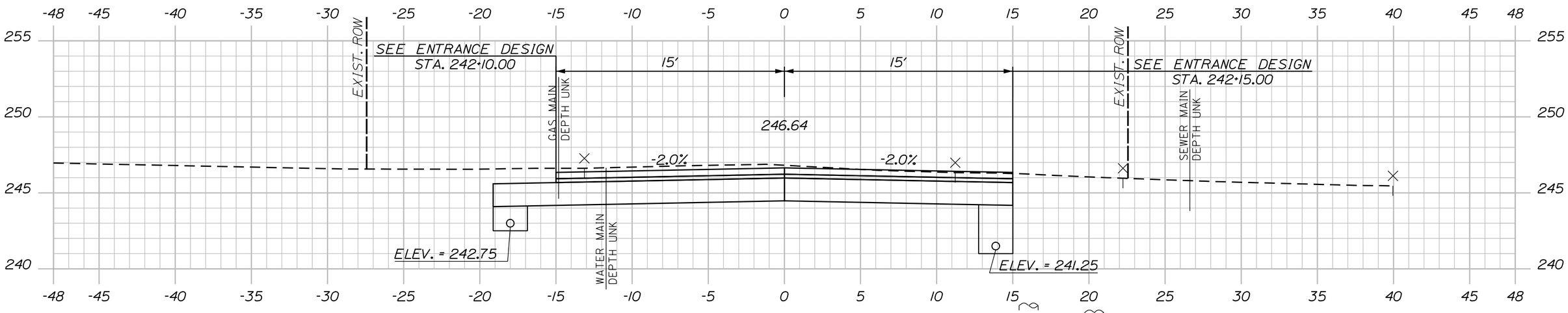
P.E. NUMBER

DATE

AUBURN
MERROW ROAD

CROSS SECTIONS

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

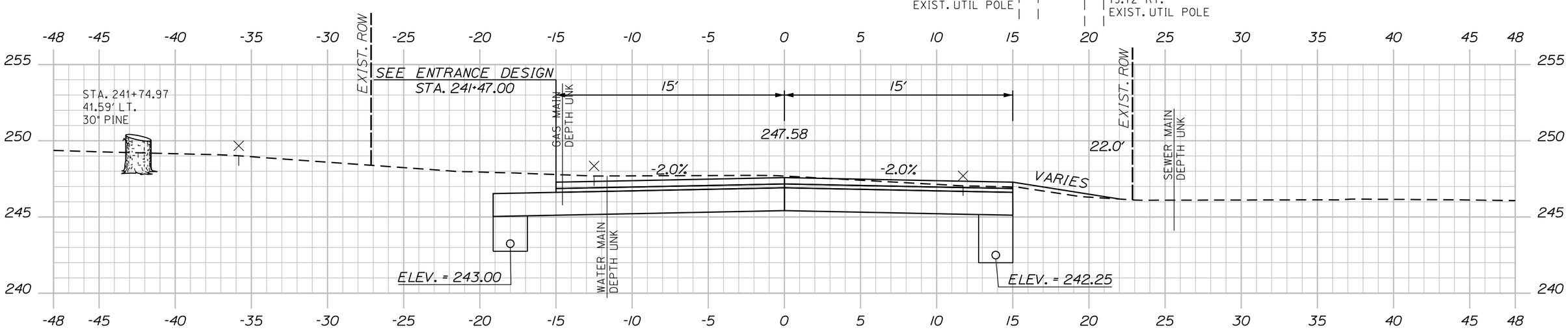


STA. 241+85.59, 19.49' LT. TO STA. 241+92.60, 23.33' LT.
REMOVE AND RESET 8.0 LF OF FENCE

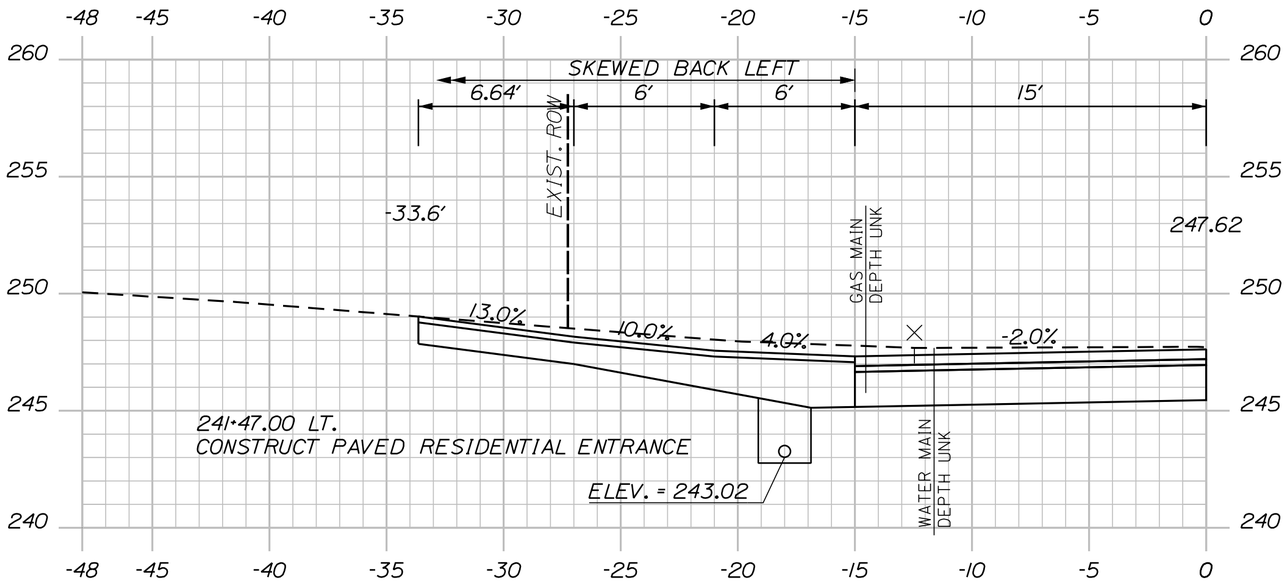
242+00.00

STA. 241+79.16
15.42' RT.
EXIST. UTIL POLE

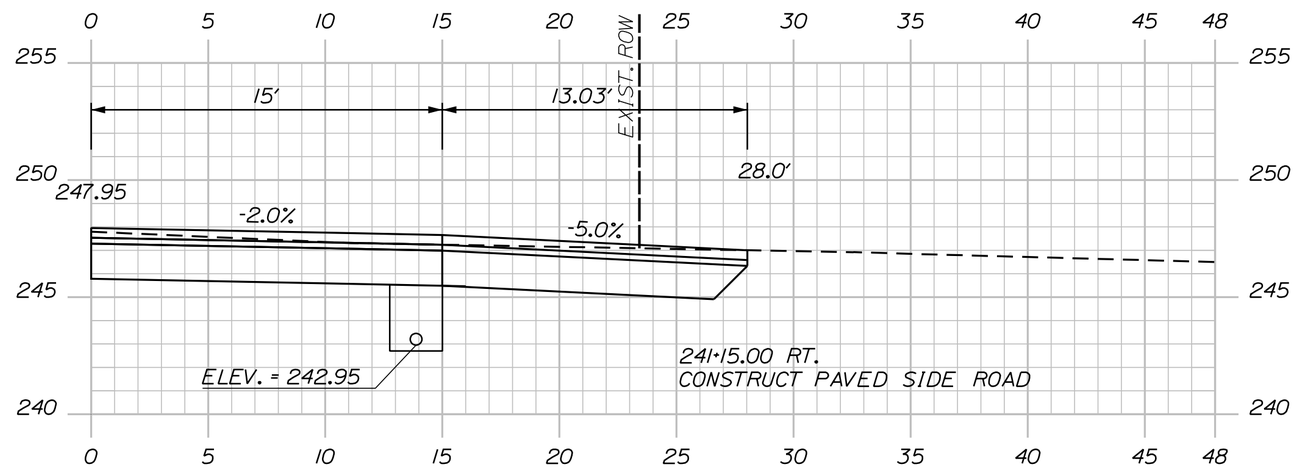
STA. 241+79.09
19.72' RT.
EXIST. UTIL POLE



241+50.00

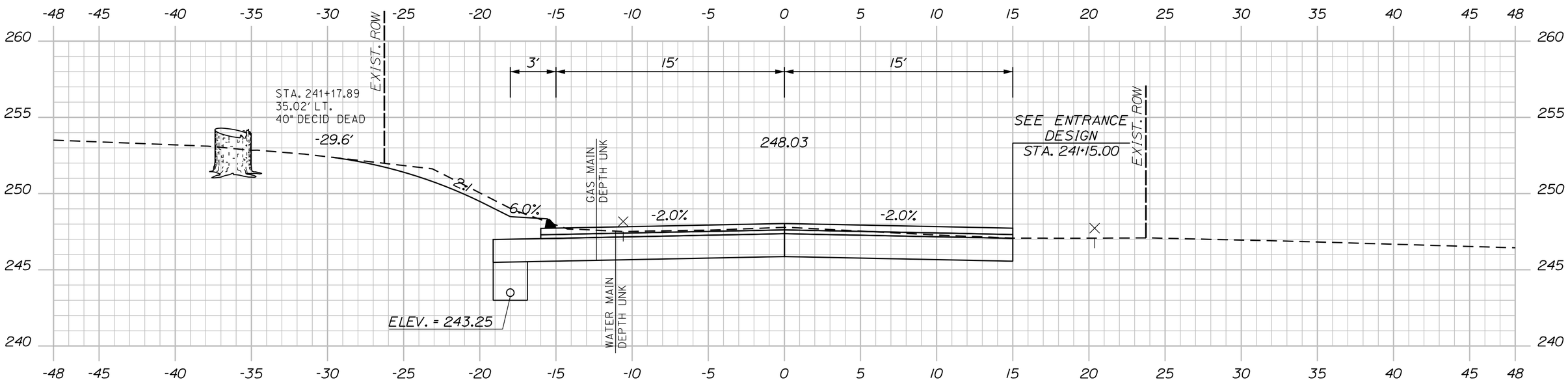


241+47.00
(PAVED RESIDENTIAL ENTRANCE)



241+15.00
(KASSBOHRER WAY)

STA. 241+02.59, RT. TO STA. 252+29.03, RT.
INSTALL 1,131.5' X 6" UD TYPE "B"



241+00.00

Sta. 241+00.00 to Sta. 242+00.00

SHEET NUMBER 59 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

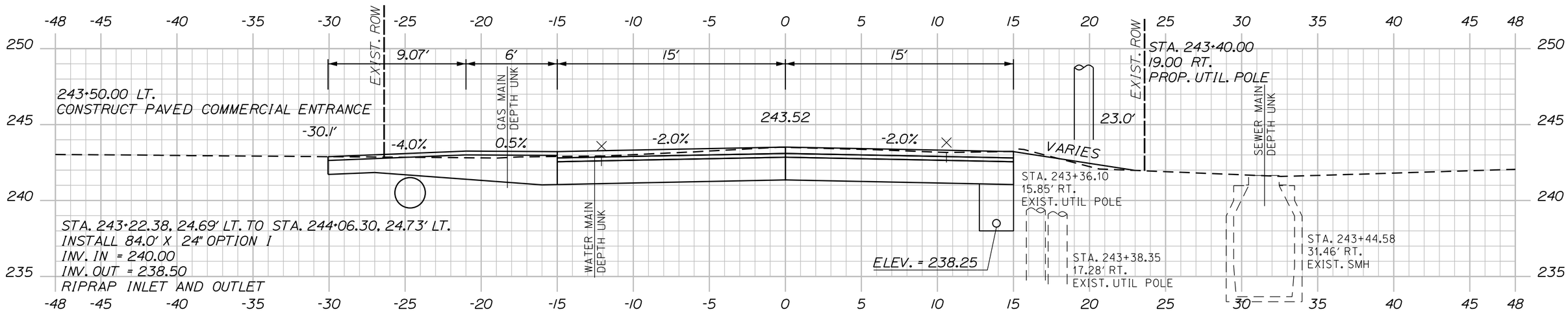
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

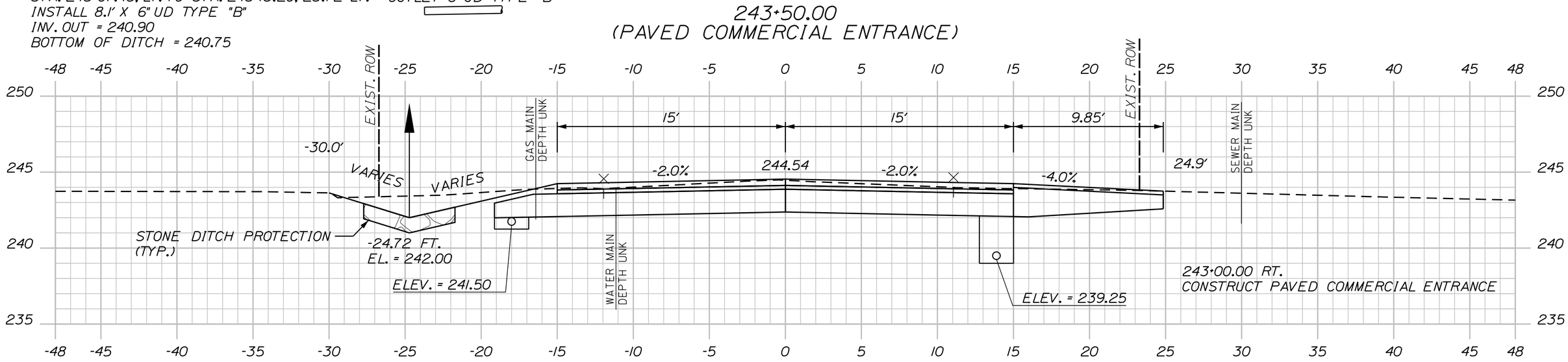
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

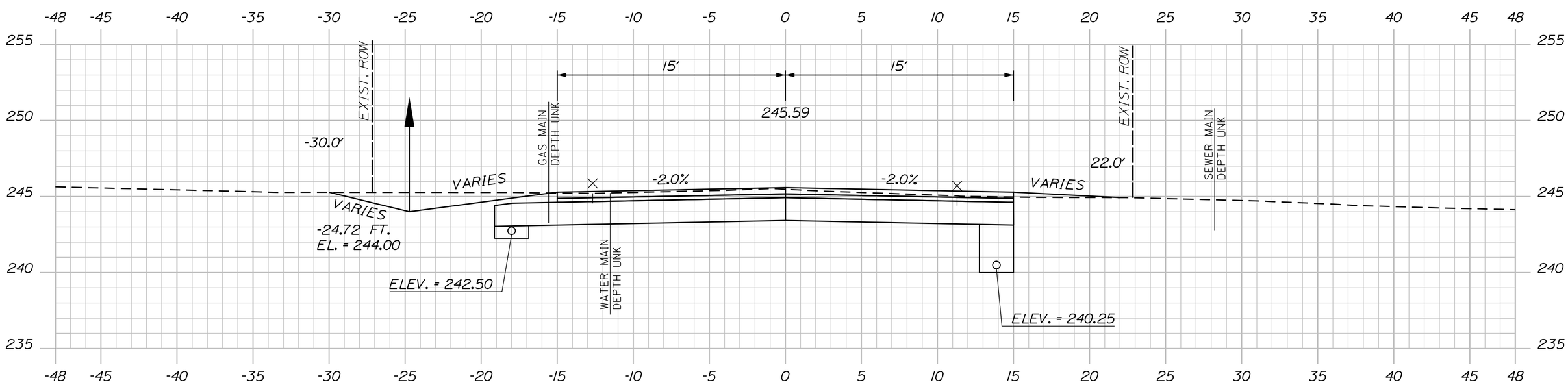


STA. 243+07.48, LT. TO STA. 243+13.20, 23.72' LT. OUTLET 6" UD TYPE "B"
INSTALL 8.1' X 6" UD TYPE "B"
INV. OUT = 240.90
BOTTOM OF DITCH = 240.75

243+50.00
(PAVED COMMERCIAL ENTRANCE)



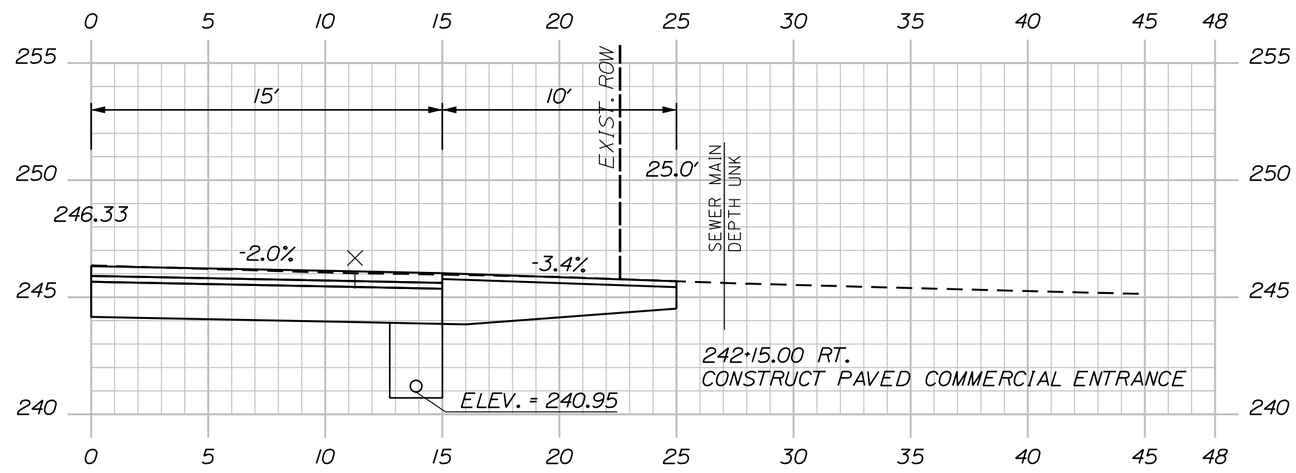
243+00.00
(PAVED COMMERCIAL ENTRANCE)



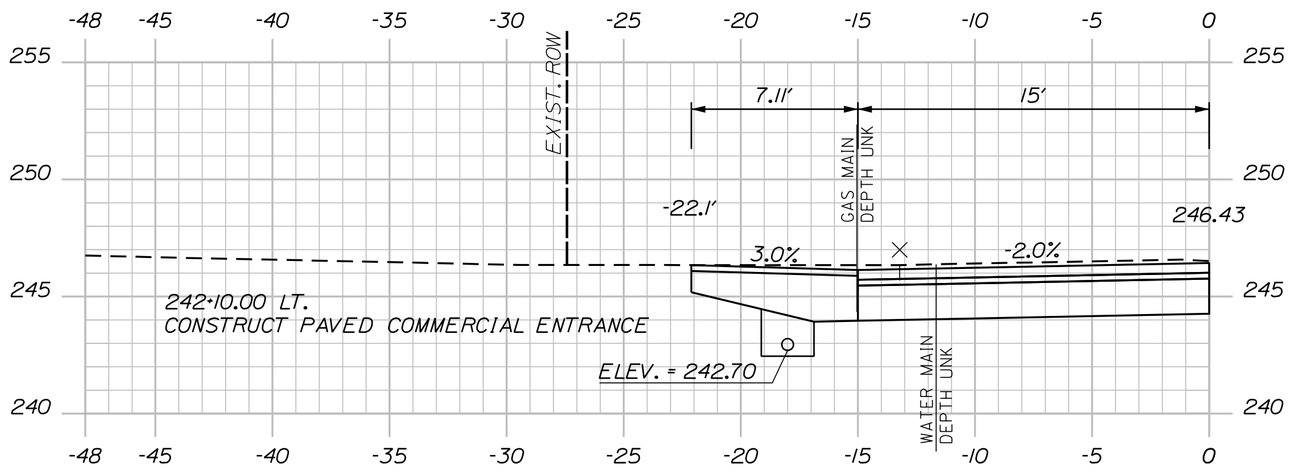
STA. 242+37, LT.
CONSTRUCT RIPRAP DOWNSPOUT

STA. 242+23.77, 28.02' LT. TO STA. 242+29.12, 19.56' LT.
REMOVE AND RESET 10.0 LF OF FENCE

242+50.00



242+15.00
(PAVED COMMERCIAL ENTRANCE)



242+10.00
(PAVED COMMERCIAL ENTRANCE)

Sta. 242+10.00 to Sta. 243+50.00

SHEET NUMBER 60 OF 78

AUBURN
MERROW ROAD

CROSS SECTIONS

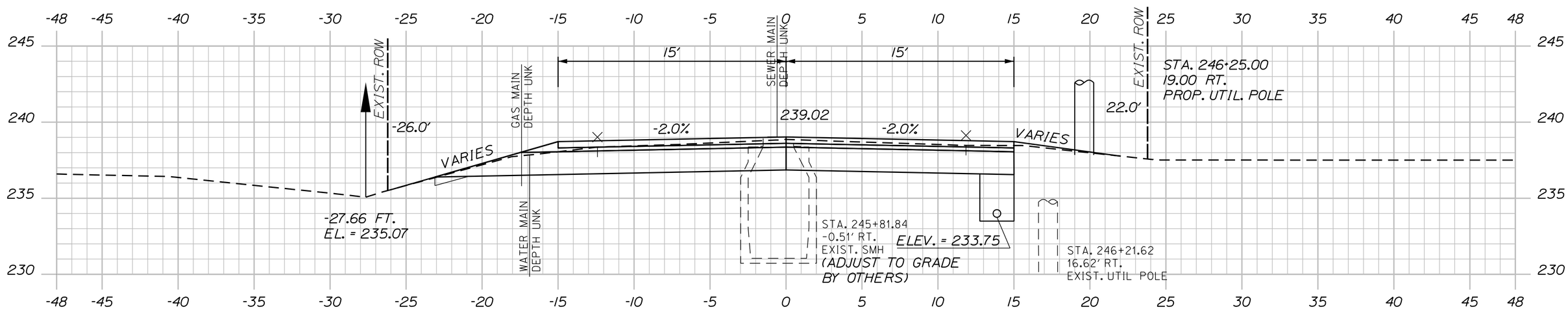
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

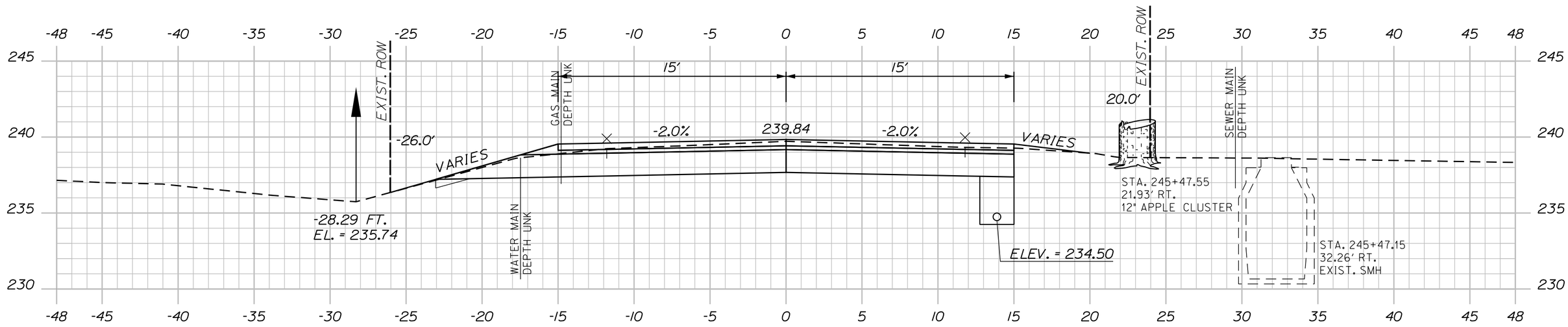
P.E. NUMBER

DATE

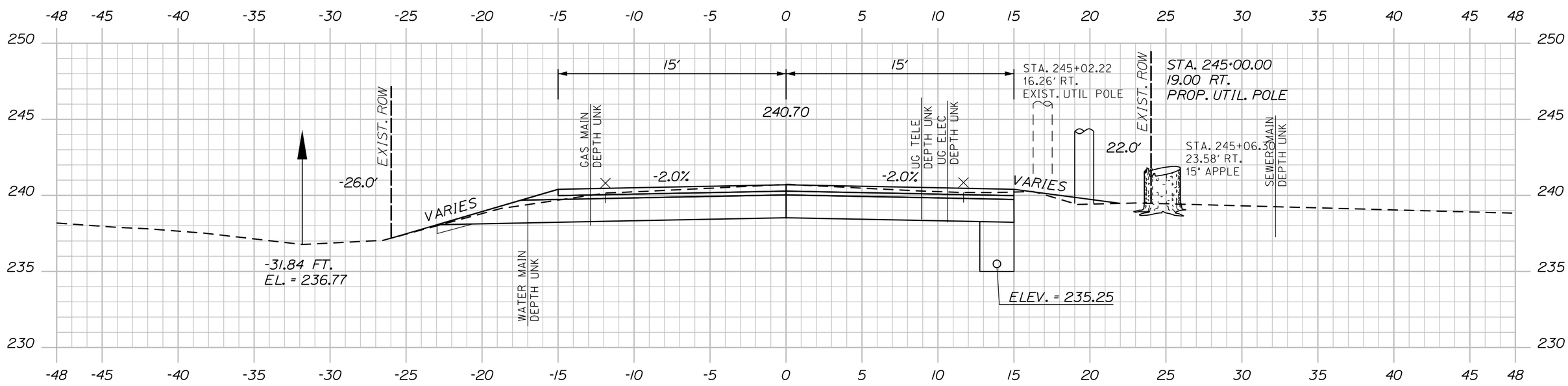
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



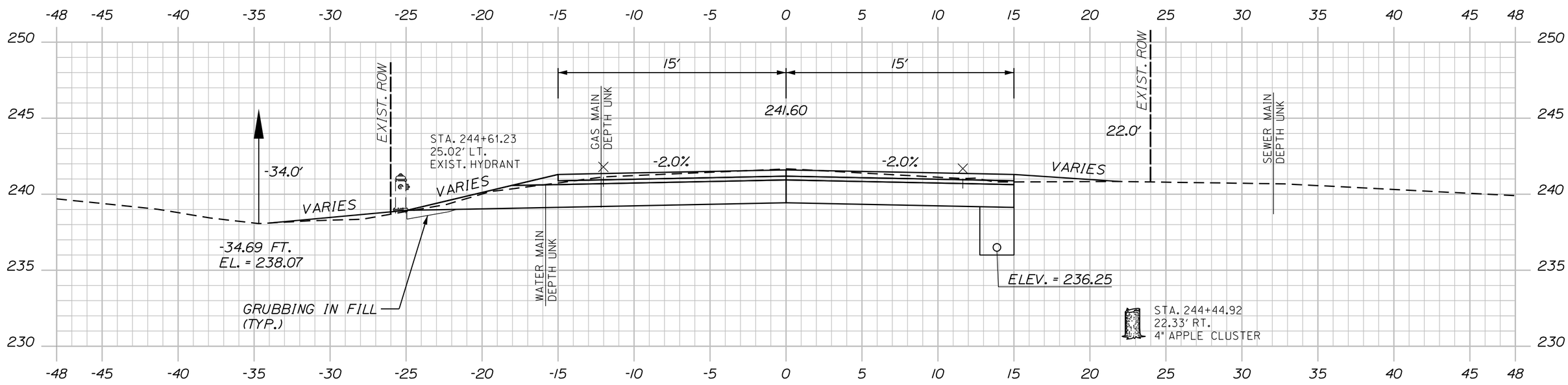
246+00.00



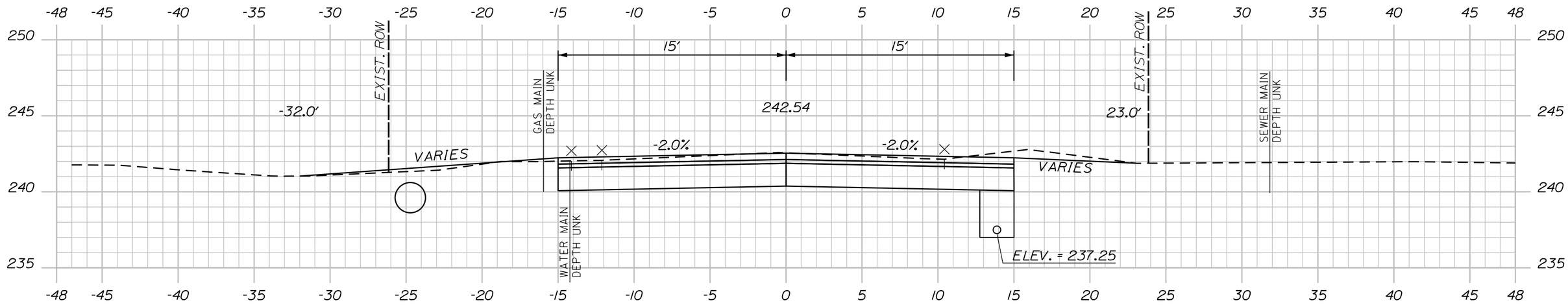
245+50.00



245+00.00



244+50.00



244+00.00

Sta. 244+00.00 to Sta. 246+00.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

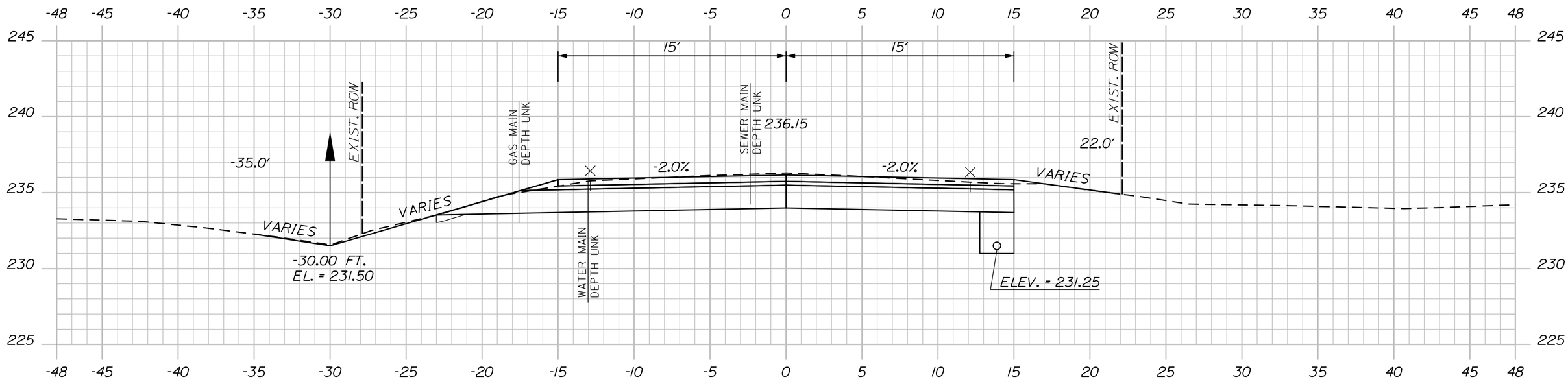
DATE

AUBURN MERROW ROAD

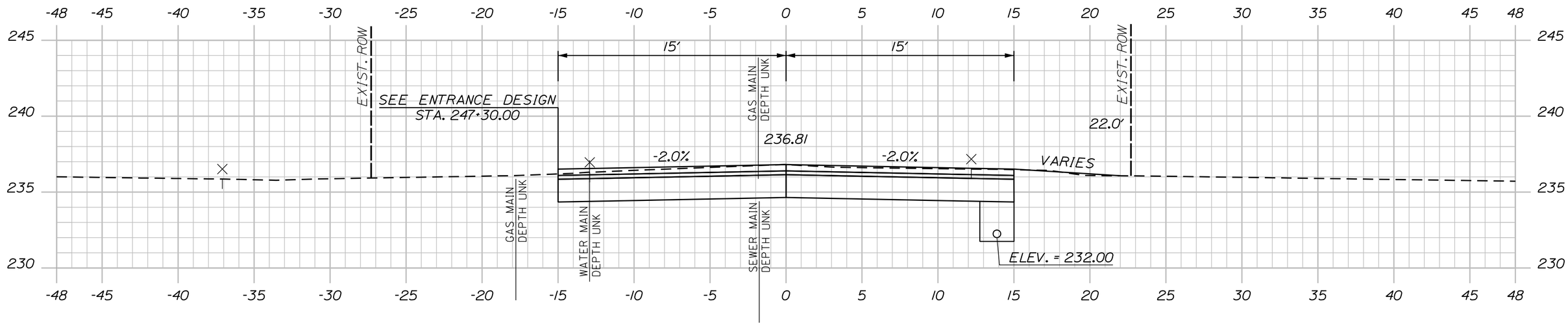
CROSS SECTIONS

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

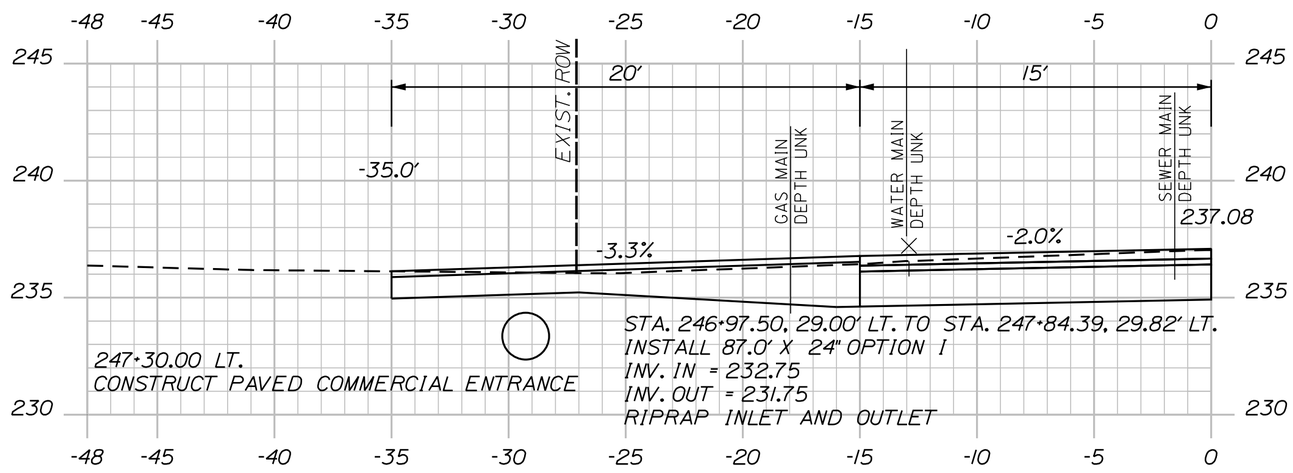
SHEET NUMBER 61 OF 78



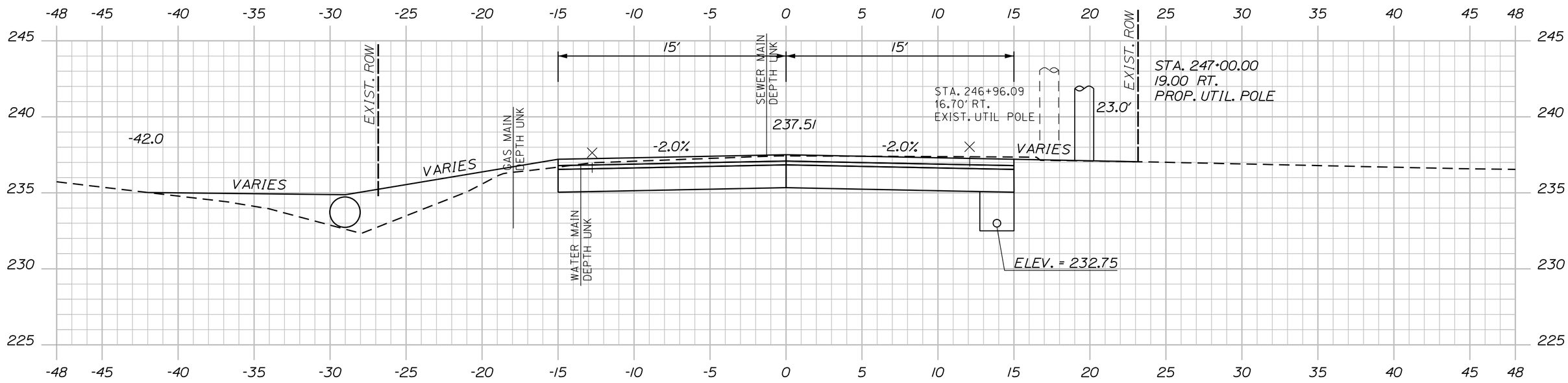
248+00.00



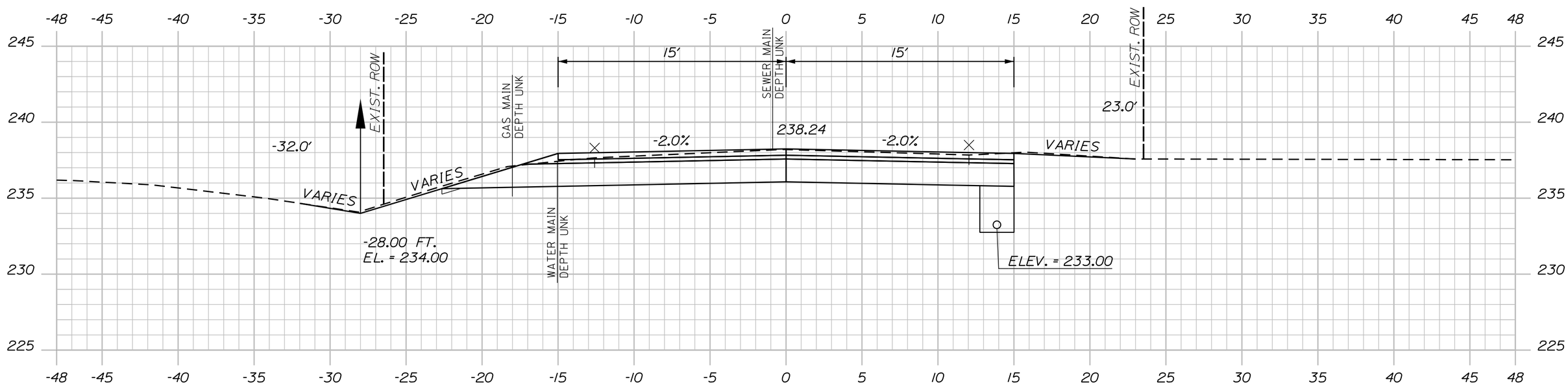
247+50.00



247+30.00
(PAVED COMMERCIAL ENTRANCE)



247+00.00



246+50.00

Sta. 246+50.00 to Sta. 248+00.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

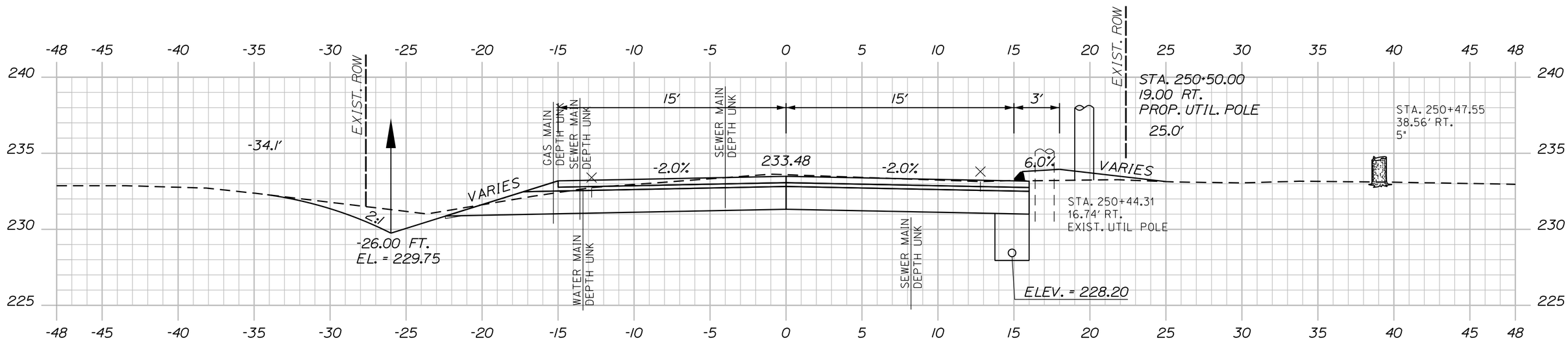
P.E. NUMBER

DATE

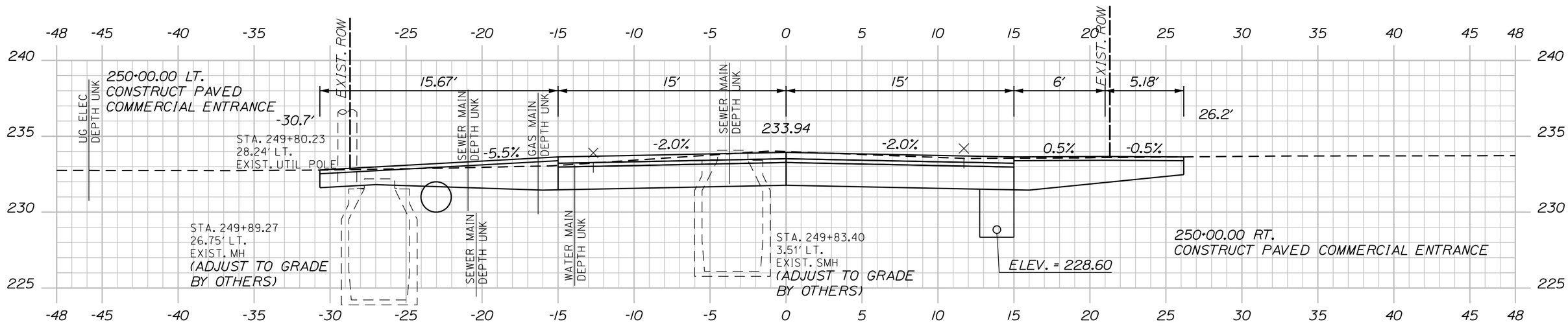
AUBURN
MERROW ROAD

CROSS SECTIONS

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

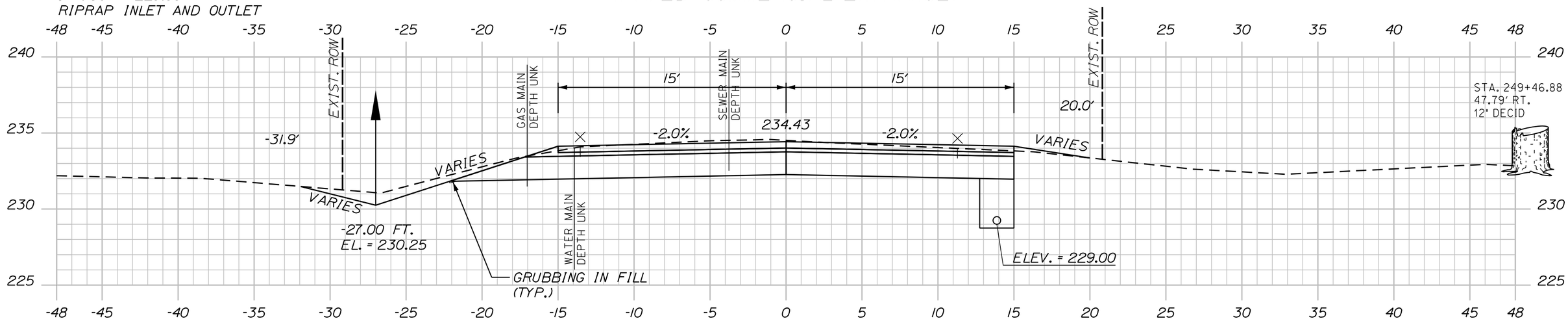


250+50.00

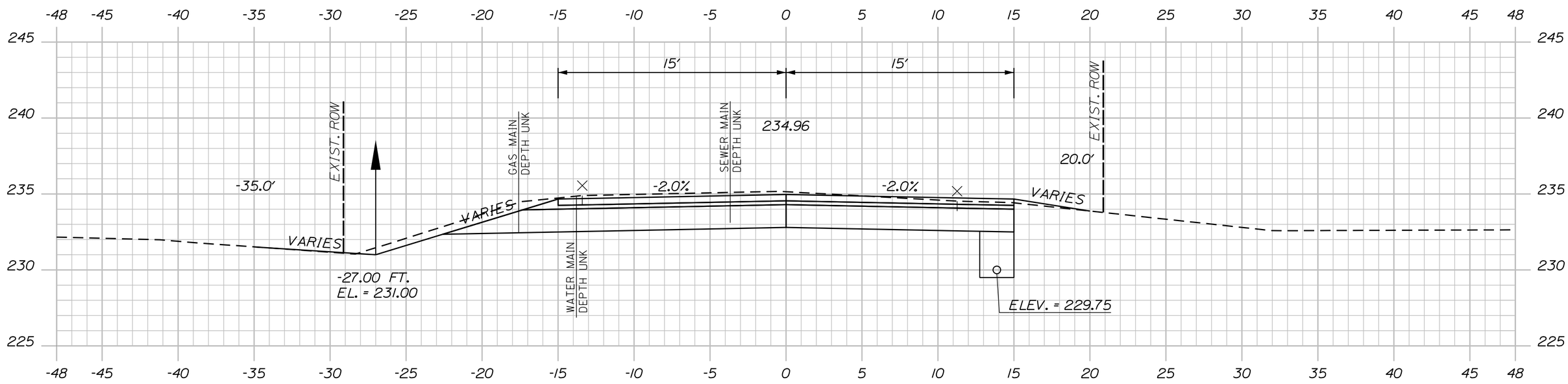


STA. 249+80.07, 23.18' LT. TO STA. 250+23.28, 22.73' LT.
INSTALL 43.0' X 24" OPTION I
INV. IN = 230.10
INV. OUT = 229.89
RIPRAP INLET AND OUTLET

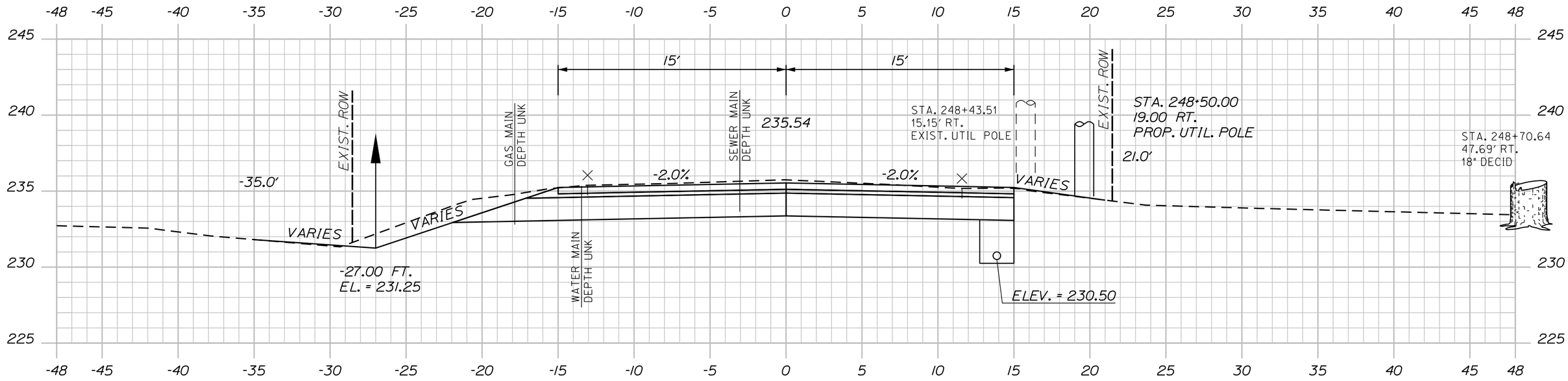
250+00.00
(PAVED COMMERCIAL ENTRANCE)



249+50.00



249+00.00



248+50.00

Sta. 248+50.00 to Sta. 250+50.00

SHEET NUMBER 63 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

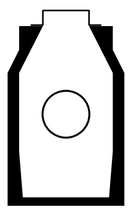
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

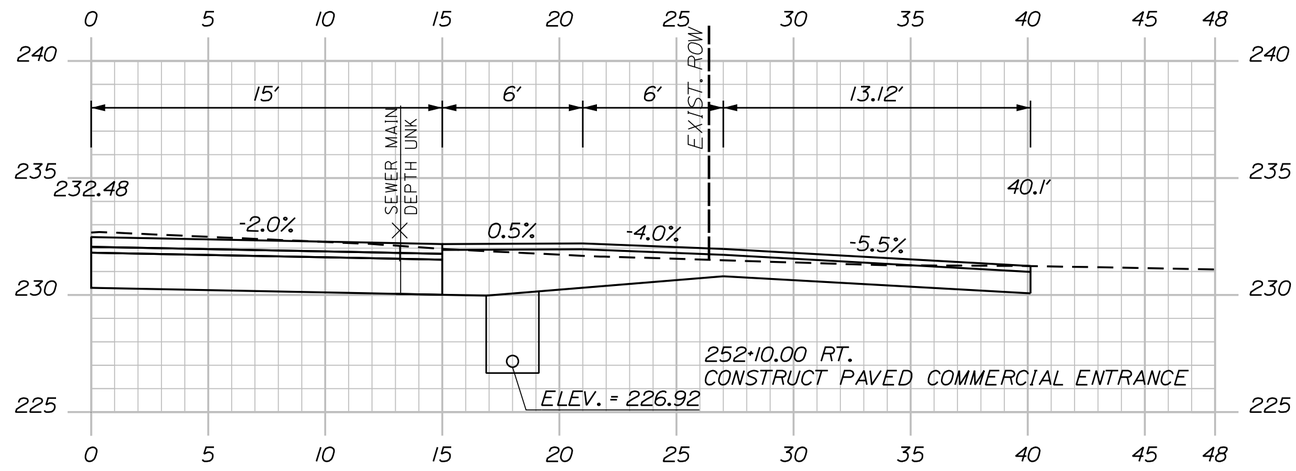
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



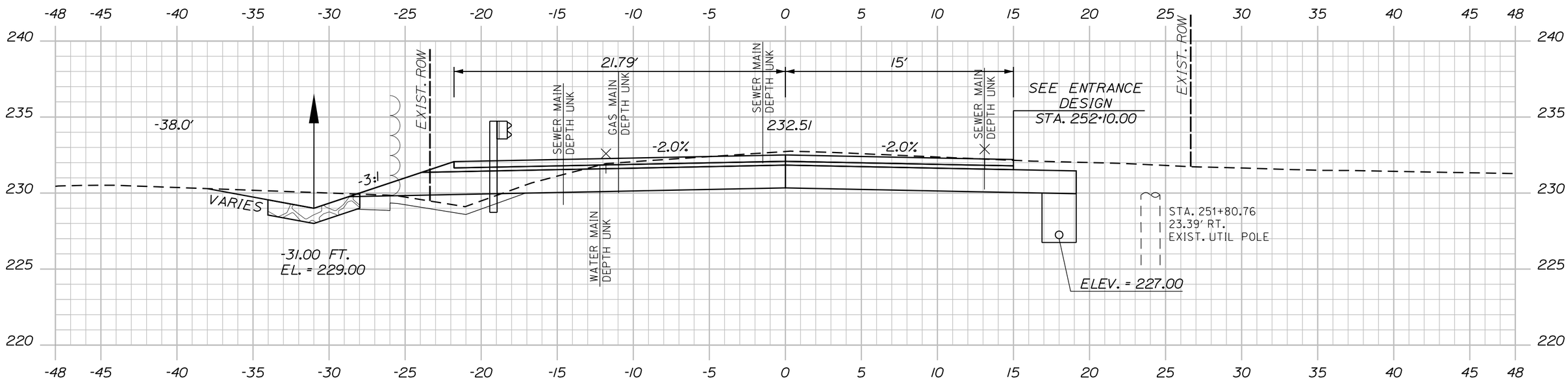
CB9
STA. 252+21.17, 23.41' LT.
INSTALL CB TYPE BI WITH SOLID COVER
RIM ELEV. = 230.20
INV. IN (EXIST. 24" AC) = 224.57±
INV. OUT (24" OPT. III) = 224.57

CB 9 TO 252+32.89, 33.55' LT
INSTALL 14.0' X 24" OPTION III
INV. IN = 224.57
INV. OUT = 224.45
RIPRAP OUTLET

STA. 252+22.95, RT. TO STA. 252+44.56, RT.
INSTALL 37.50' W-BEAM GUARDRAIL - MID-WAY SPLICE, OVER 15' RADIUS
WITH TERMINAL END - SINGLE RAIL - GALVANIZED STEEL AND ANCHORAGE ASSEMBLY

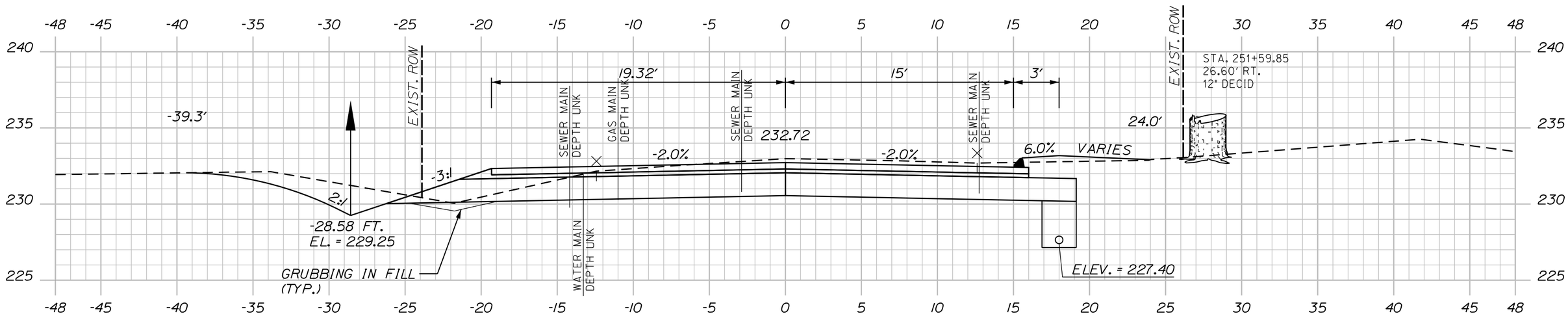


252+10.00
(PAVED COMMERCIAL ENTRANCE)

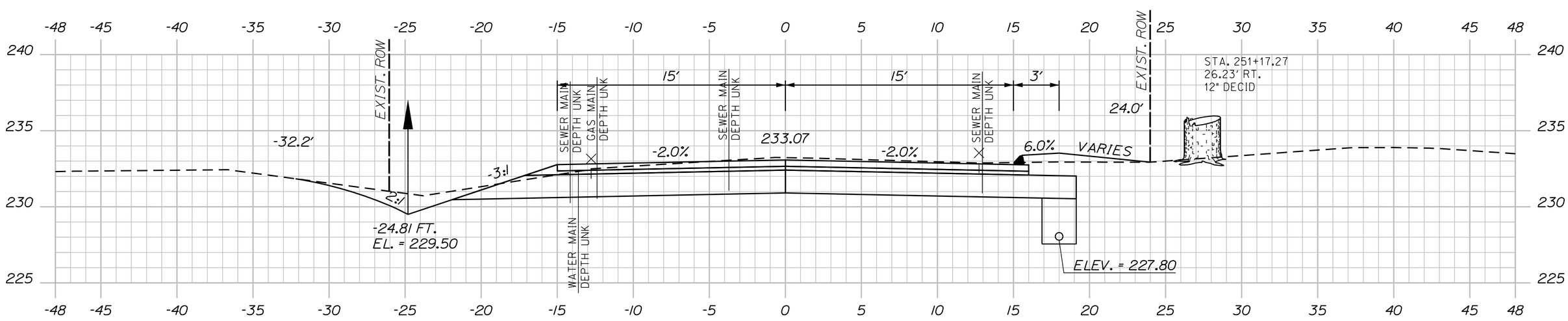


STA. 252+27.88, 15.00' LT.
INSTALL W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL

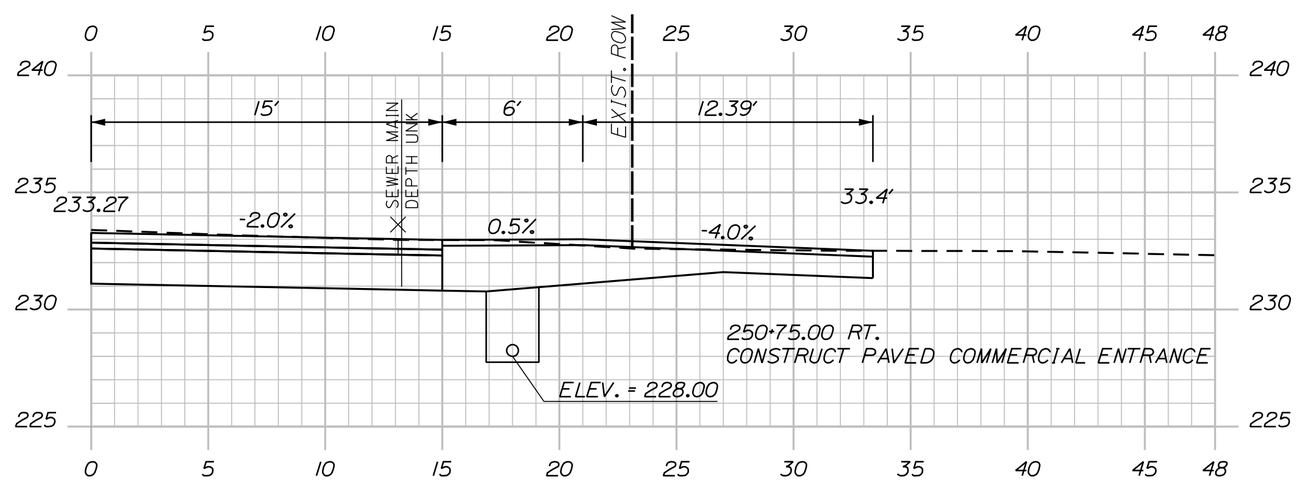
252+00.00



251+50.00



251+00.00



250+75.00
(PAVED COMMERCIAL ENTRANCE)

Sta. 250+75.00 to Sta. 252+10.00

SHEET NUMBER 64 OF 78

AUBURN
MERROW ROAD

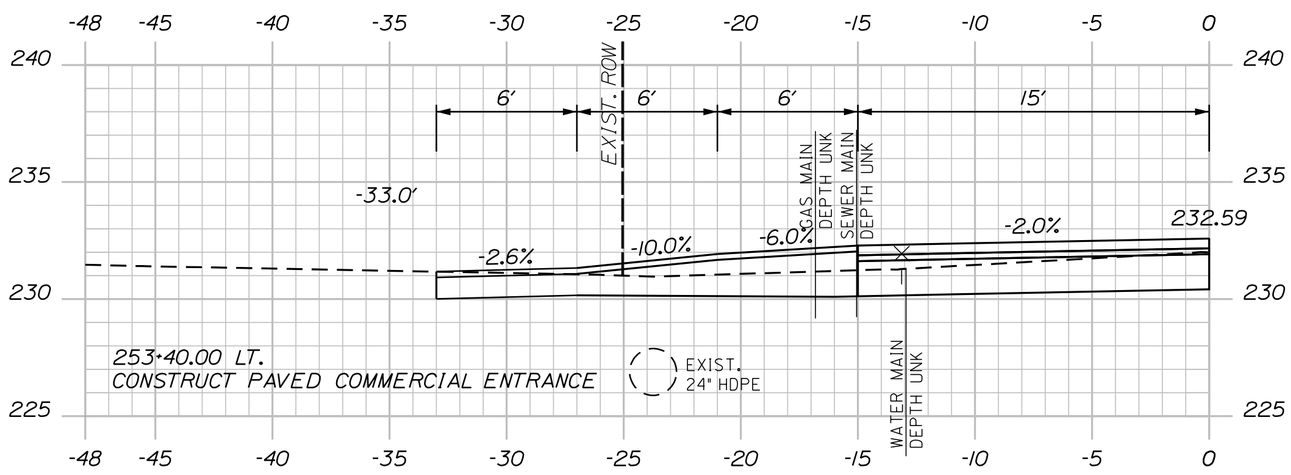
CROSS SECTIONS

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE
P.E. NUMBER
DATE

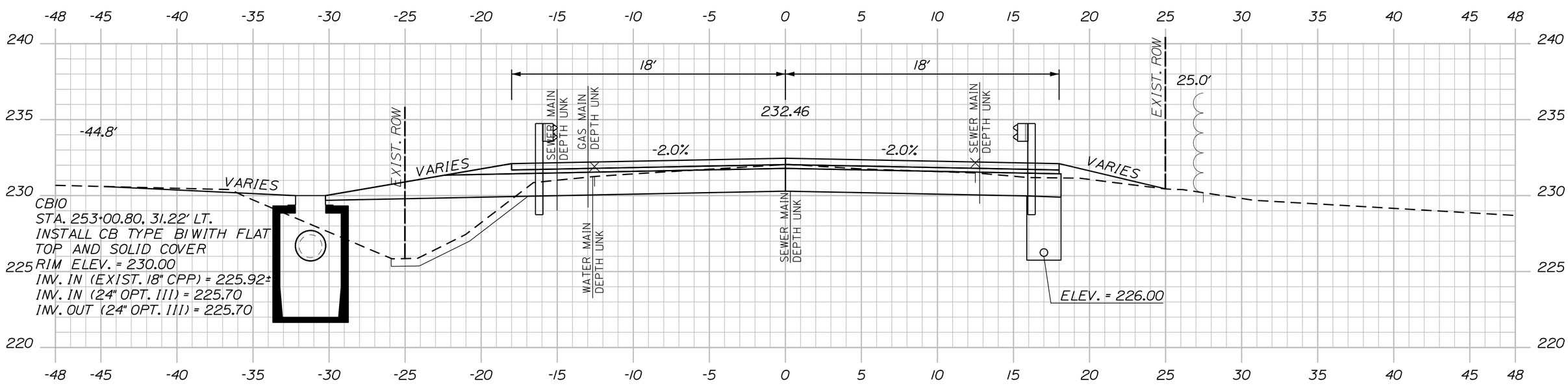
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

STA. 253+31.77, RT. TO STA. 253+46.66, RT.
INSTALL 25' W-BEAM GUARDRAIL - MID-WAY SPLICE, 15' RADIUS AND LESS
WITH TERMINAL END - SINGLE RAIL - GALVANIZED STEEL



CB 10 TO STA. 253+11.19, 23.90' LT.
INSTALL 12.0' X 24" OPTION III
INV. IN = 225.83±
INV. OUT = 225.70

253+40.00
(PAVED COMMERCIAL ENTRANCE)



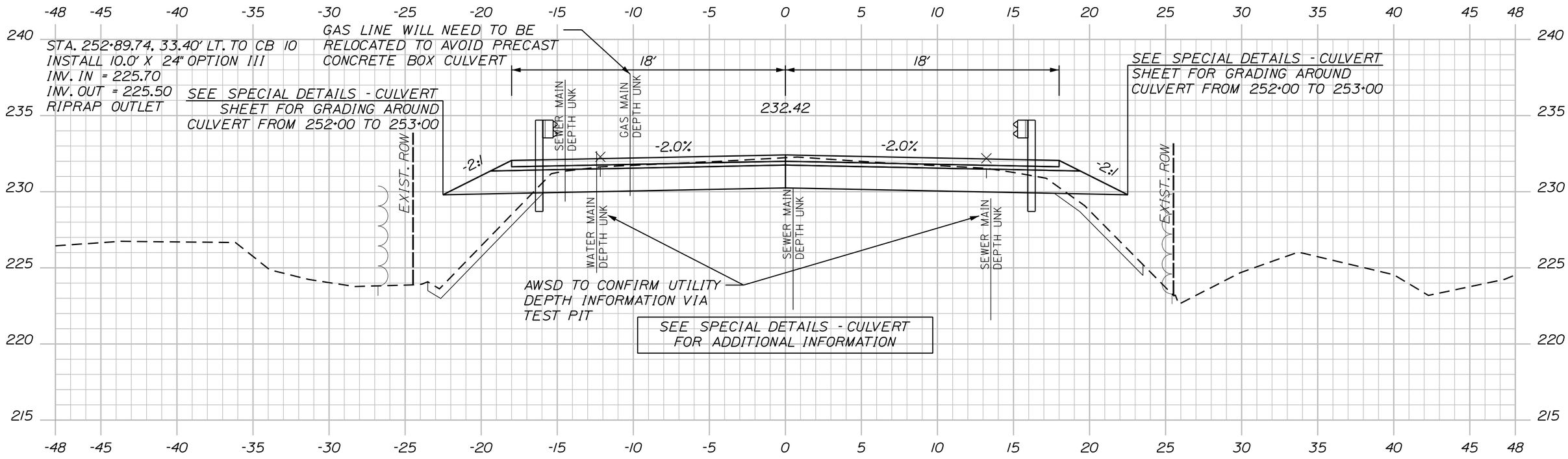
STA. 253+00.00, LT. TO STA. 253+15.04, LT.
INSTALL 25' W-BEAM GUARDRAIL - MID-WAY SPLICE, 15' RADIUS AND LESS
WITH TERMINAL END - SINGLE RAIL - GALVANIZED STEEL AND ANCHORAGE ASSEMBLY

253+00.00

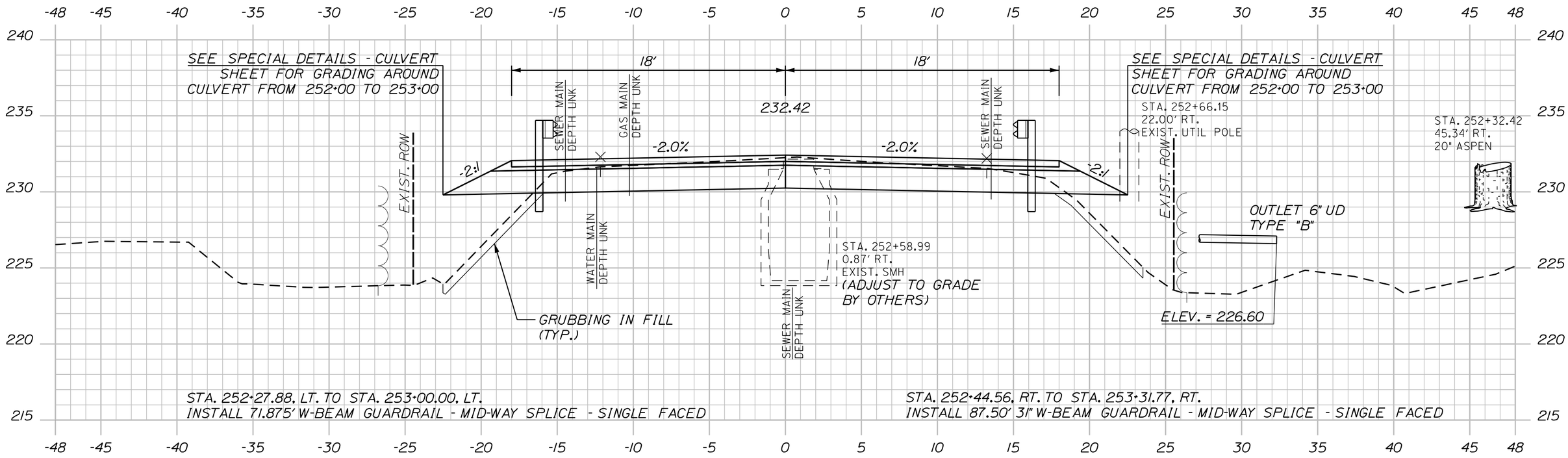
STA. 252+56.71, 36.83' RT. TO STA. 252+76.52, RT.
INSTALL 28.1' X 6" UD TYPE "B"
INV. OUT = 225.50
RIPRAP OUTLET

OUTLET 6" UD TYPE "B"

STA. 252+76.52, RT. TO STA. 262+80.00, RT.
INSTALL 1006.7' X 6" UD TYPE "B"



252+50.98
(CROSS CULVERT SKEWED)



STA. 252+27.88, LT. TO STA. 253+00.00, LT.
INSTALL 71.875' W-BEAM GUARDRAIL - MID-WAY SPLICE - SINGLE FACED

STA. 252+44.56, RT. TO STA. 253+31.77, RT.
INSTALL 87.50' 31" W-BEAM GUARDRAIL - MID-WAY SPLICE - SINGLE FACED

252+50.00

STA. 252+29.03, RT. TO STA. 252+43.35, 32.31' RT.
INSTALL 20.3' X 6" UD TYPE "B"
INV. OUT = 226.60
RIPRAP OUTLET

Sta. 252+50.00 to Sta. 253+40.00

SHEET NUMBER 65 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

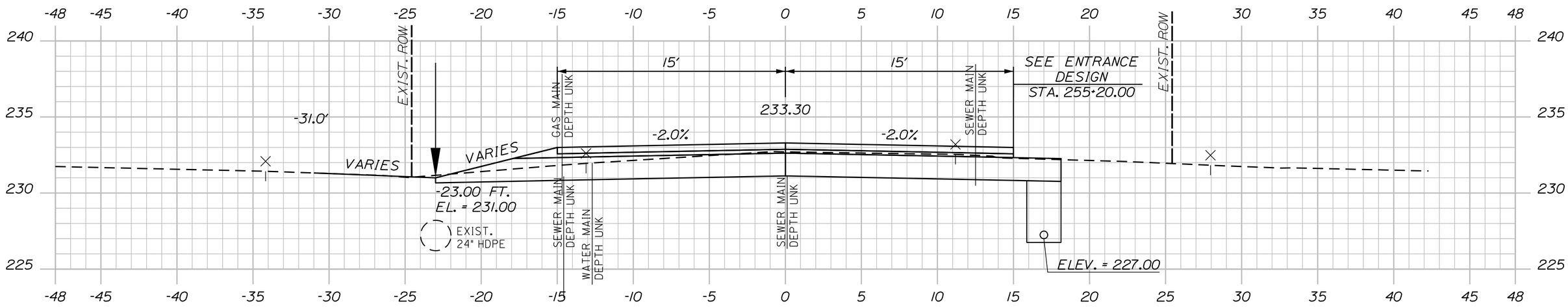
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

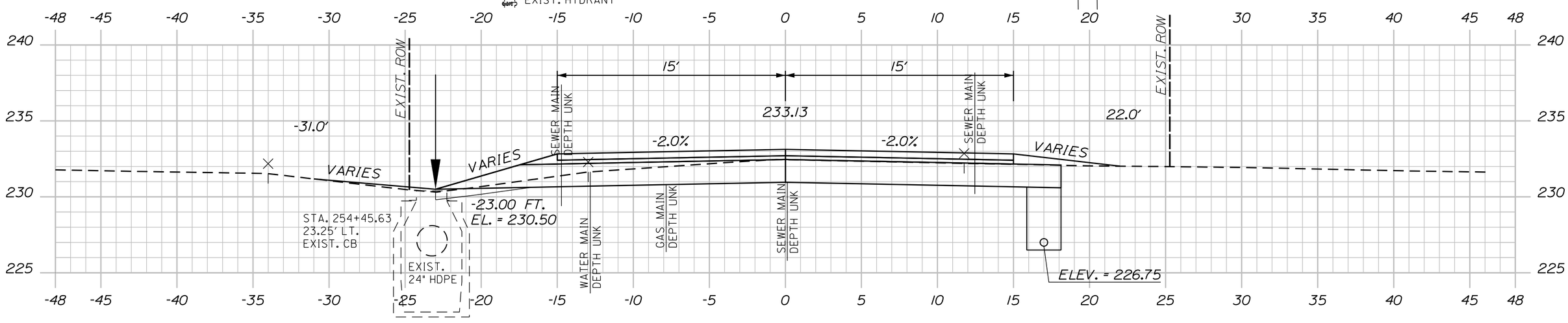


GRADE PROPOSED SLOPE TO MATCH THE EXISTING ELEVATION AT THE FACE OF HYDRANT (3' EITHER SIDE OF HYDRANT) THEN VARY THE SLOPE DOWN TO THE PROPOSED DITCH

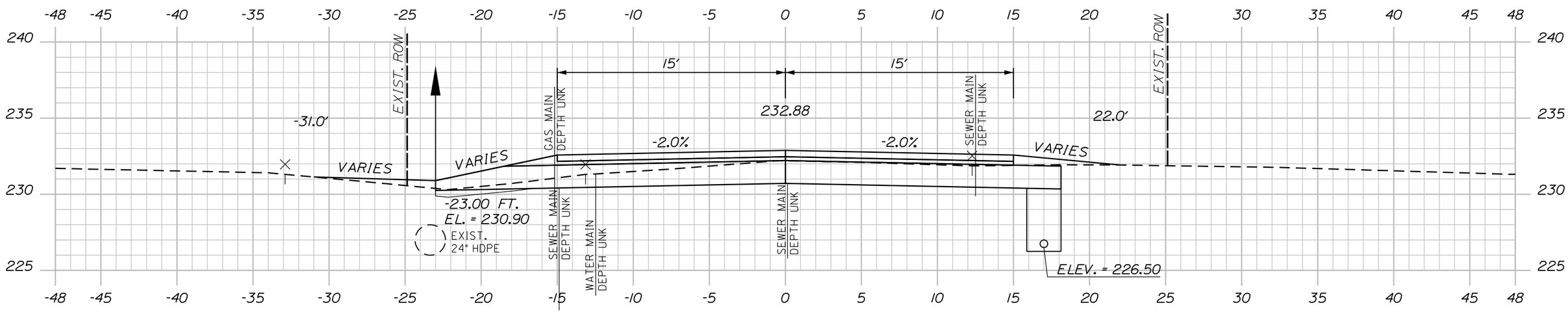
STA. 254+56.29
17.79' LT.
EXIST. HYDRANT

255+00.00

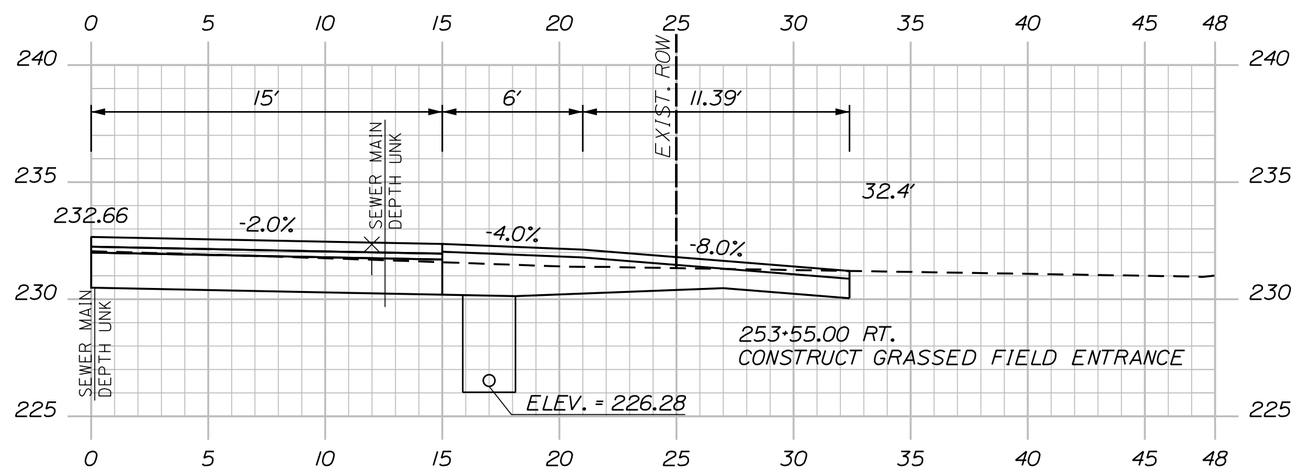
STA. 254+87.15
19.25' RT.
EXIST. UTIL POLE



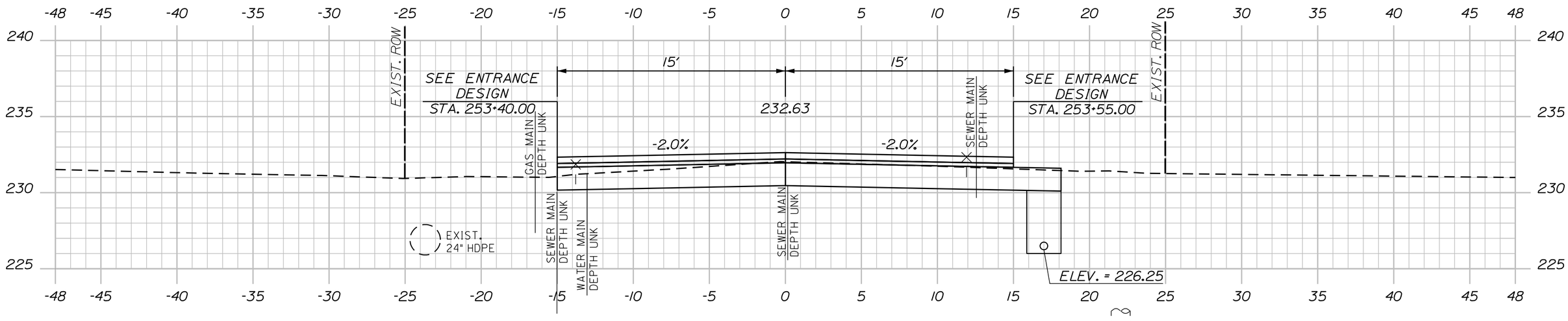
254+50.00



254+00.00



253+55.00
(GRASSED FIELD ENTRANCE)



253+50.00

STA. 253+29.05
21.43' RT.
EXIST. UTIL POLE

Sta. 253+50.00 to Sta. 255+00.00

AUBURN MERROW ROAD

CROSS SECTIONS

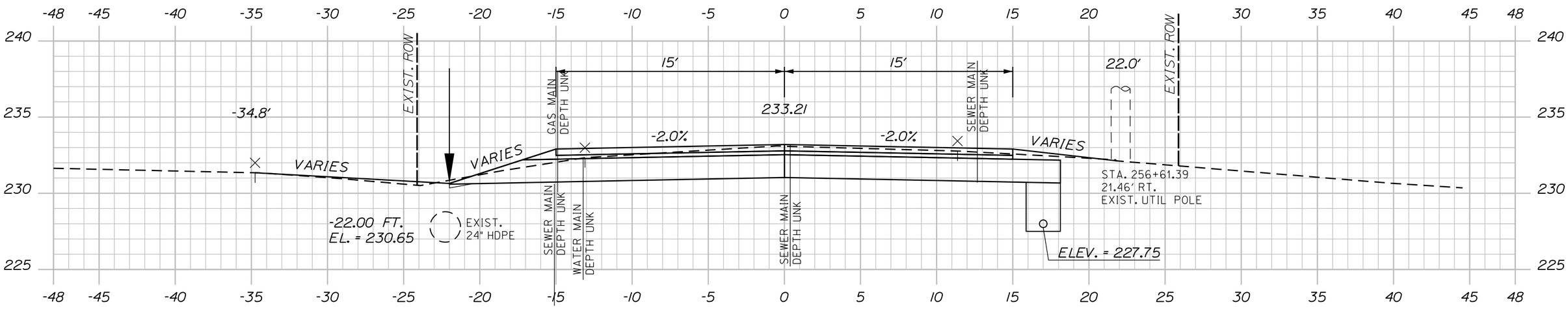
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

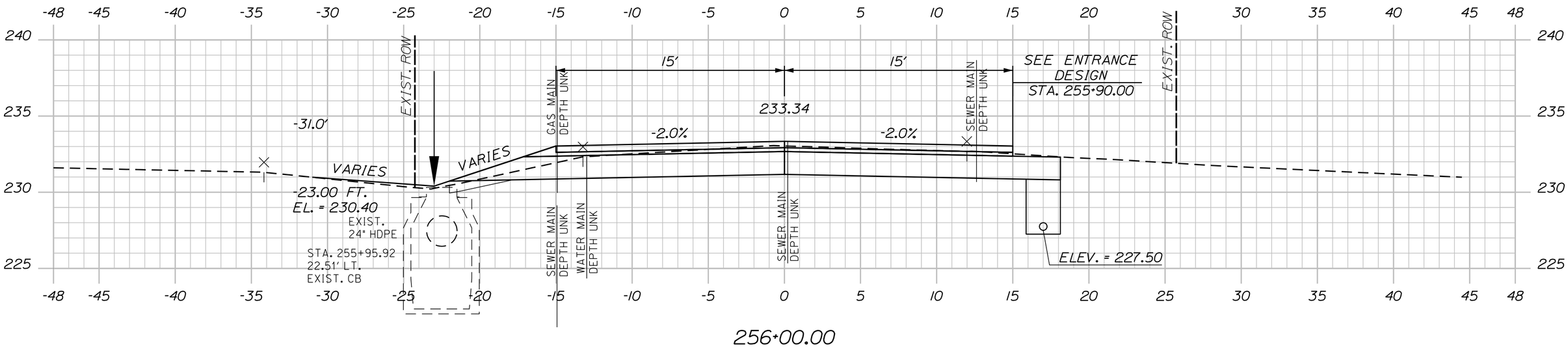
P.E. NUMBER

DATE

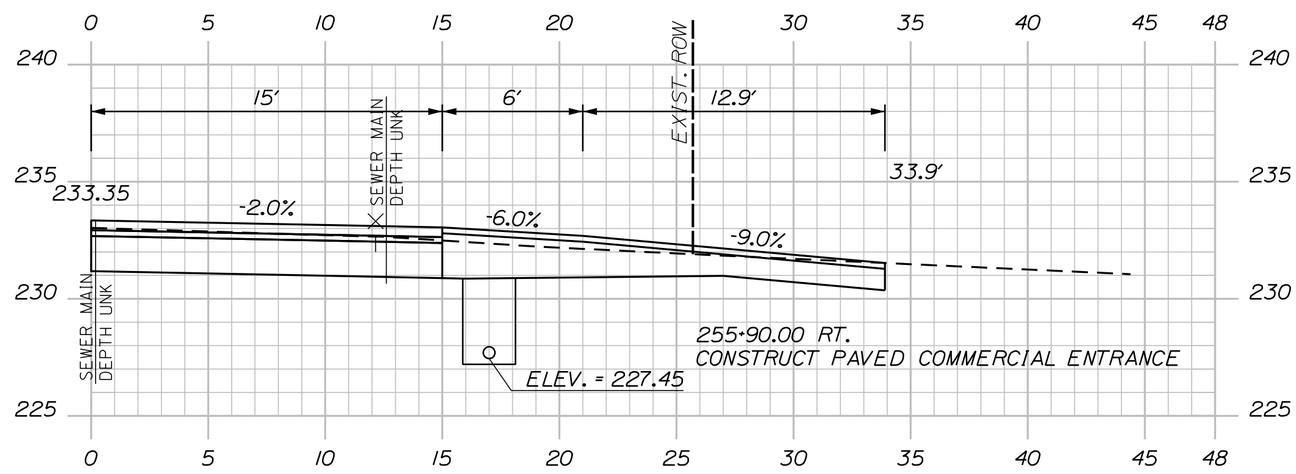
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



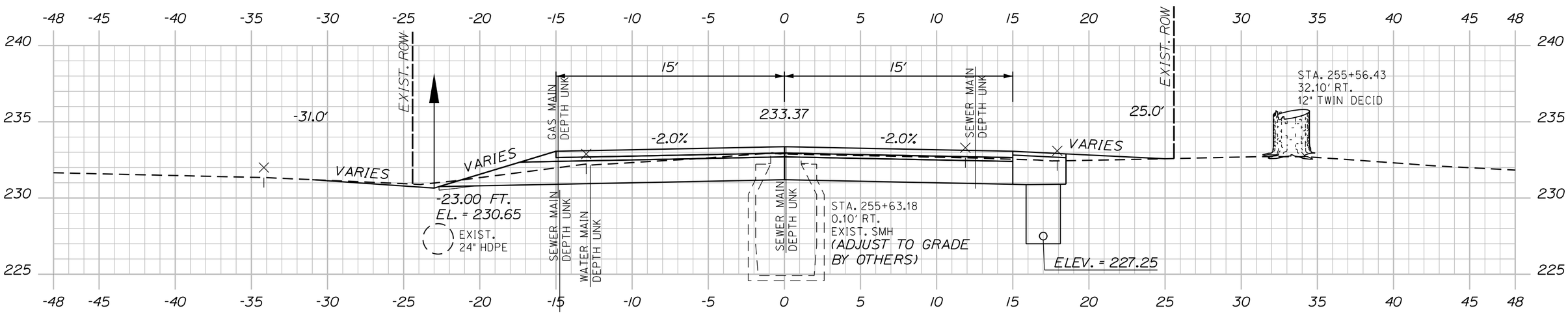
256+50.00



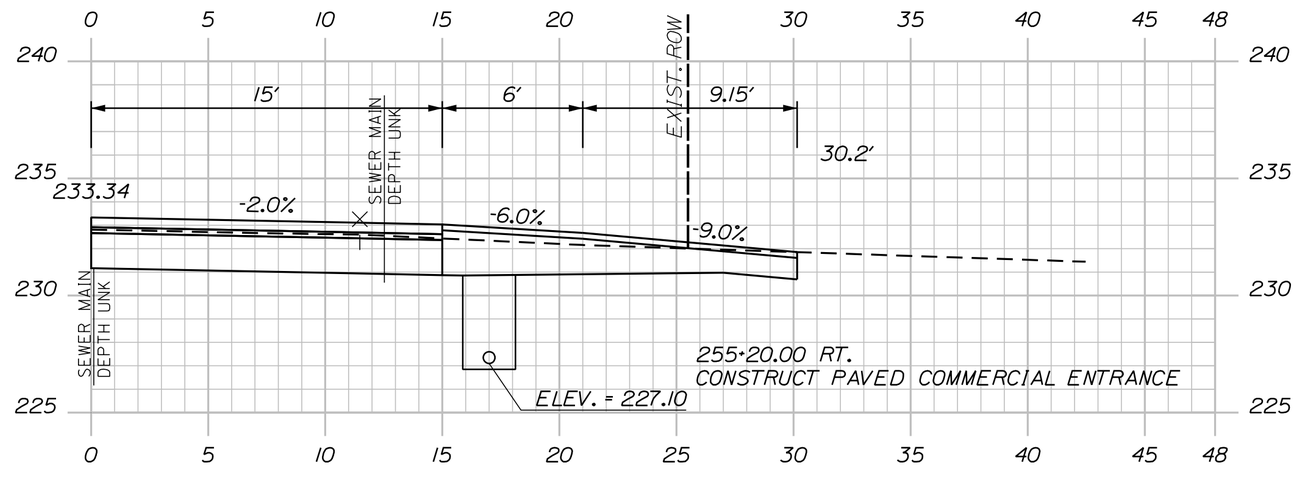
256+00.00



255+90.00
(PAVED COMMERCIAL ENTRANCE)



255+50.00



255+20.00
(PAVED COMMERCIAL ENTRANCE)

Sta. 255+20.00 to Sta. 256+50.00

SHEET NUMBER 67 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

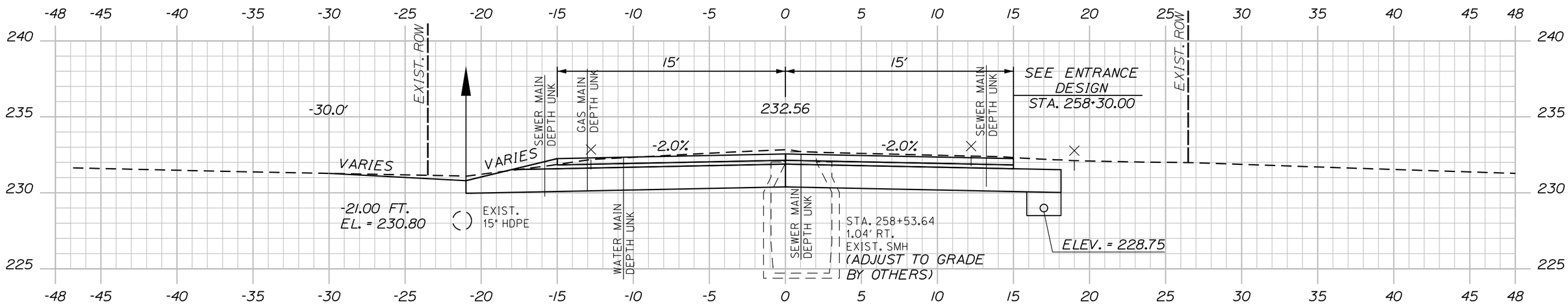
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

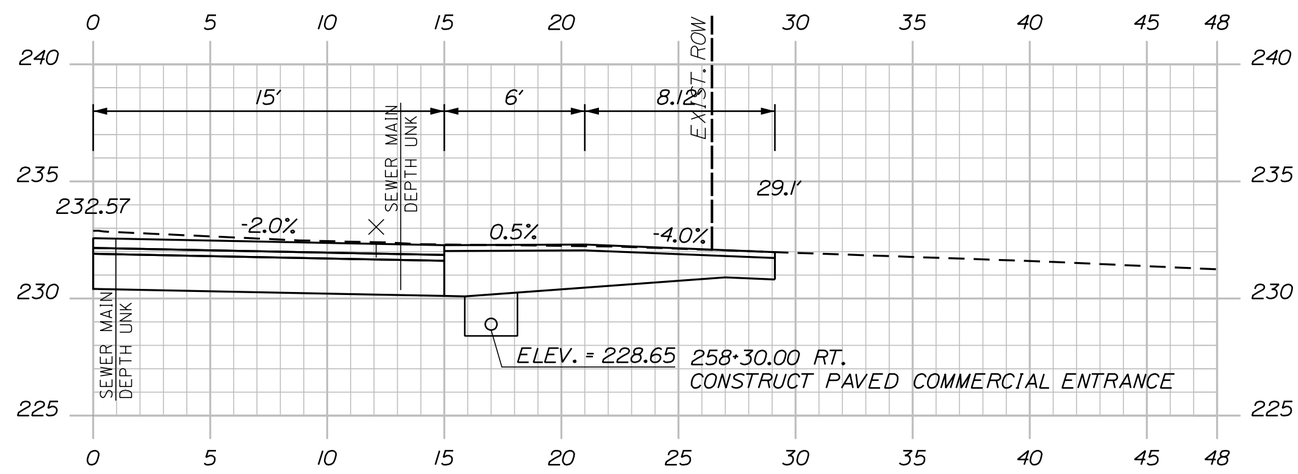
P.E. NUMBER

DATE

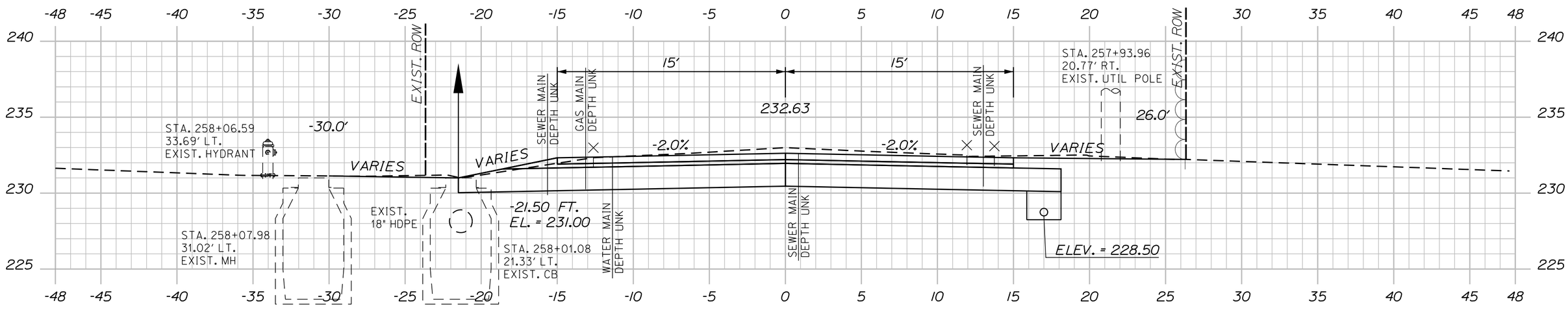
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



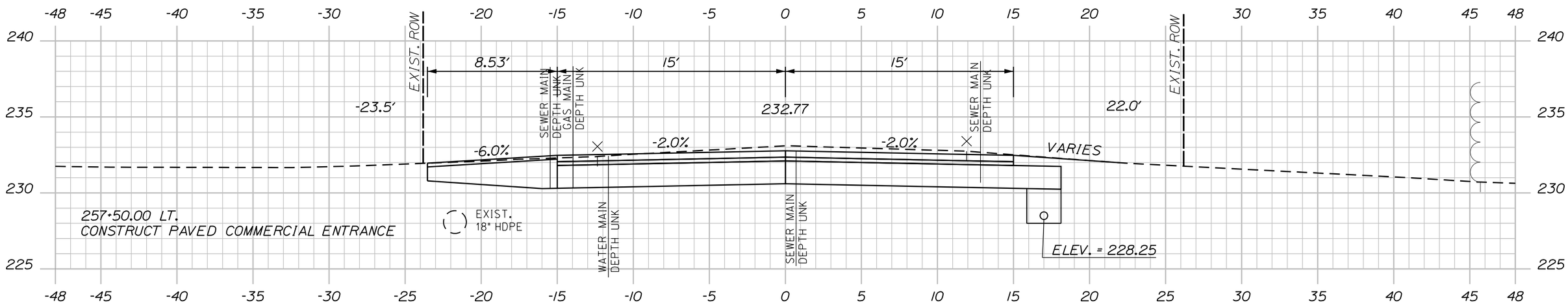
258+50.00



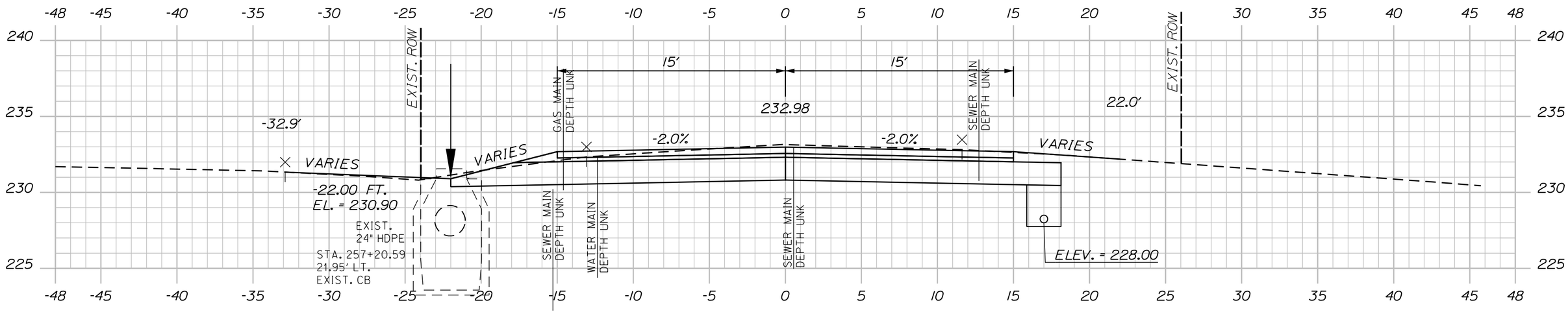
258+30.00
(PAVED COMMERCIAL ENTRANCE)



258+00.00



257+50.00
(PAVED COMMERCIAL ENTRANCE)



257+00.00

Sta. 257+00.00 to Sta. 258+50.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

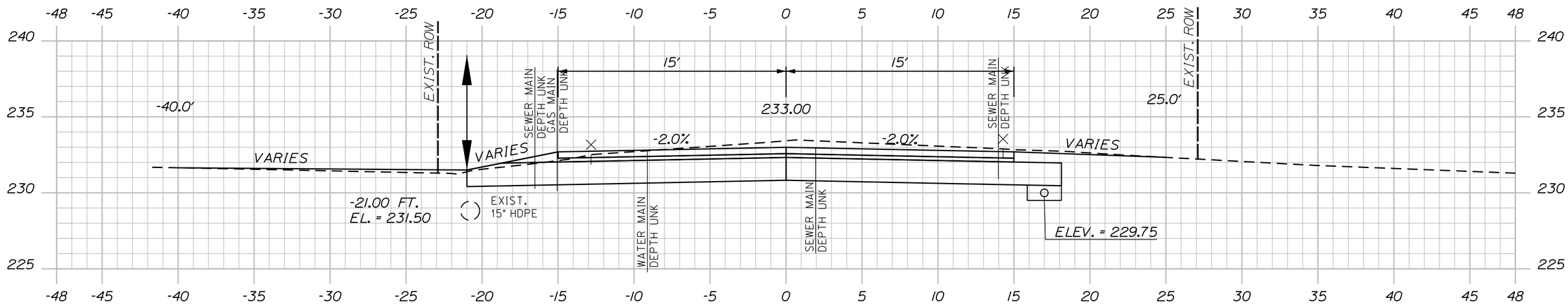
P.E. NUMBER

DATE

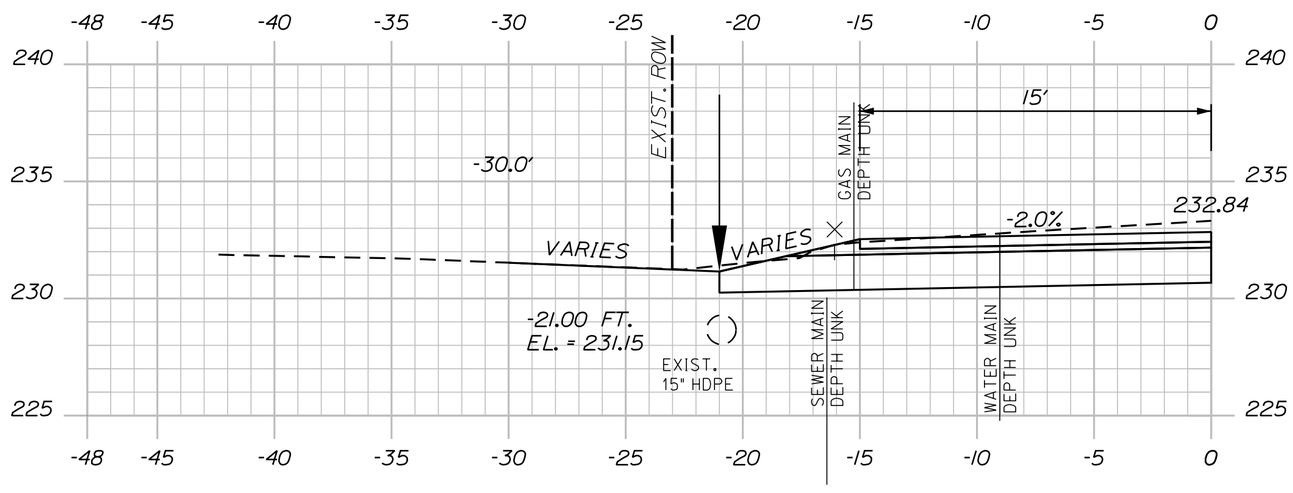
AUBURN MERROW ROAD

CROSS SECTIONS

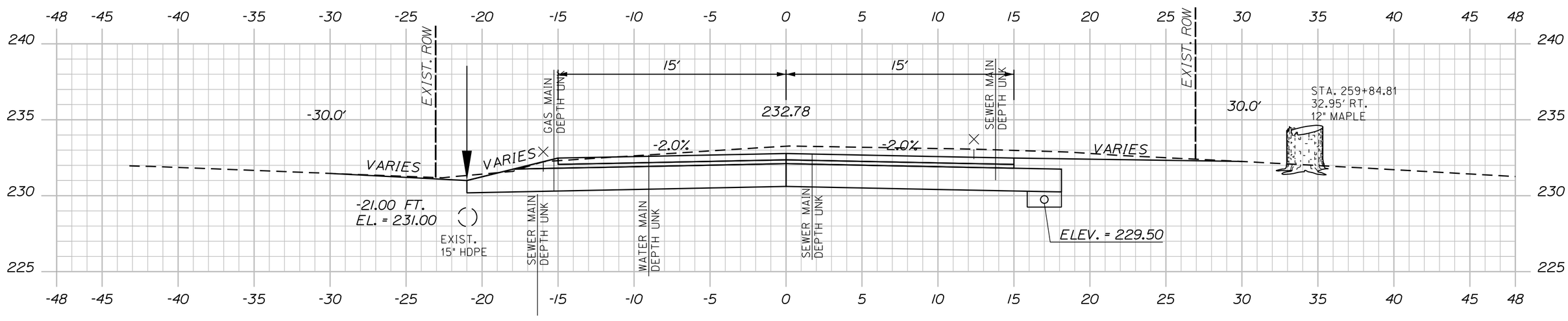
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



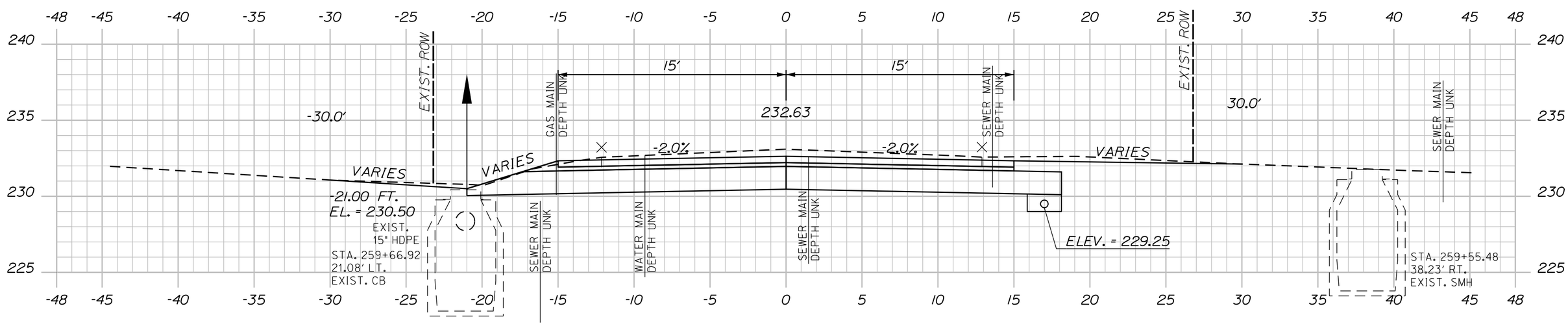
260+50.00



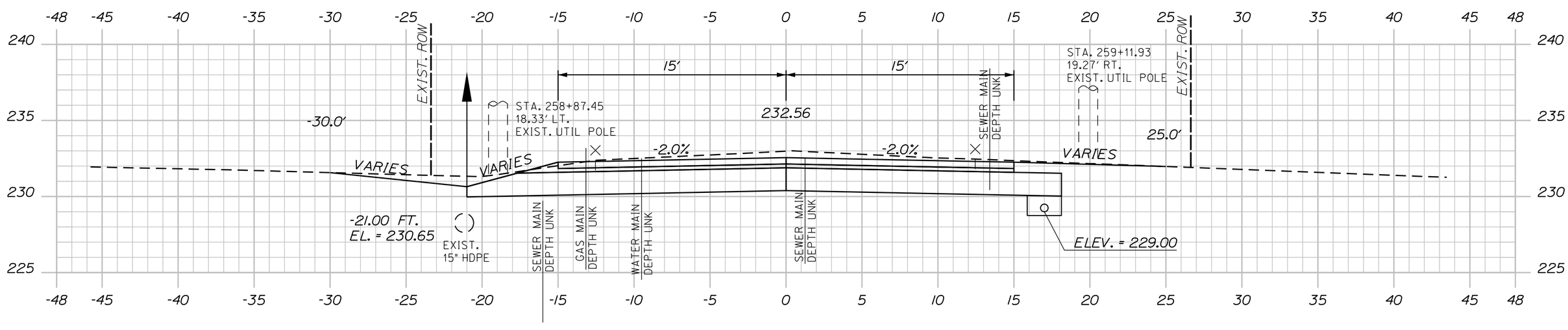
260+15.00
(CLOSED ENTRANCE)



260+00.00



259+50.00



259+00.00

Sta. 259+00.00 to Sta. 260+50.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

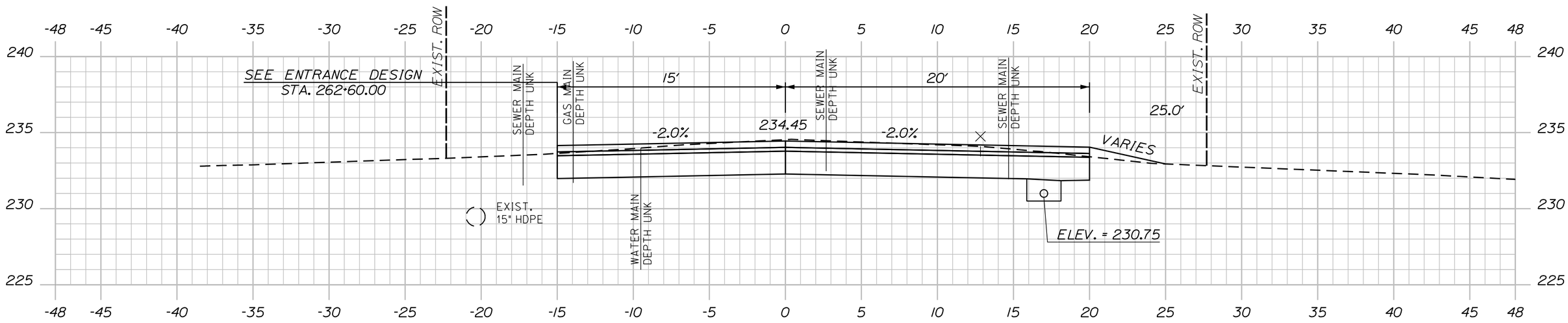
P.E. NUMBER

DATE

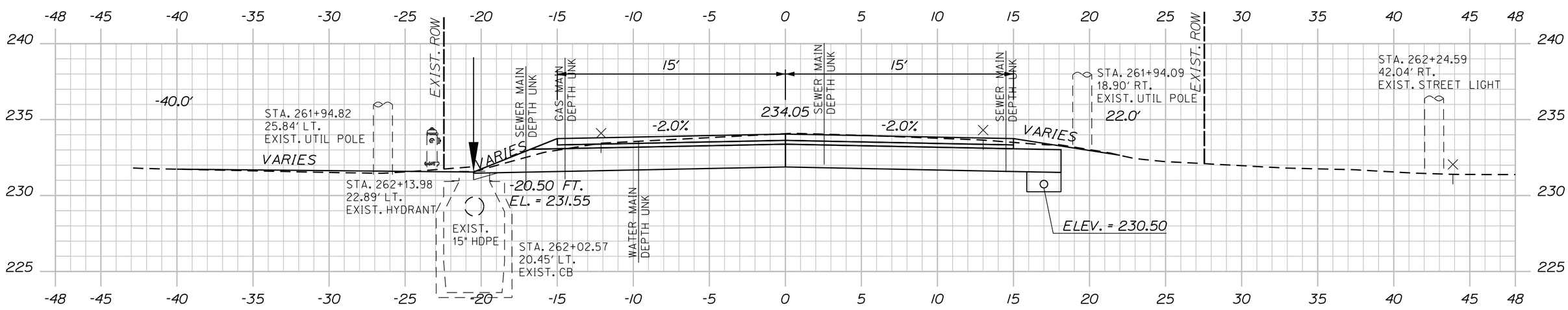
AUBURN
MERROW ROAD

CROSS SECTIONS

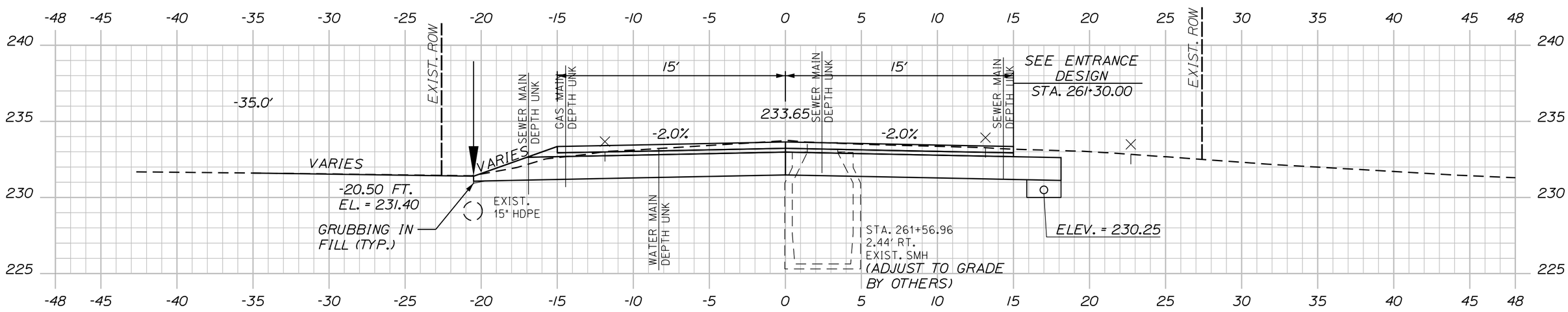
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



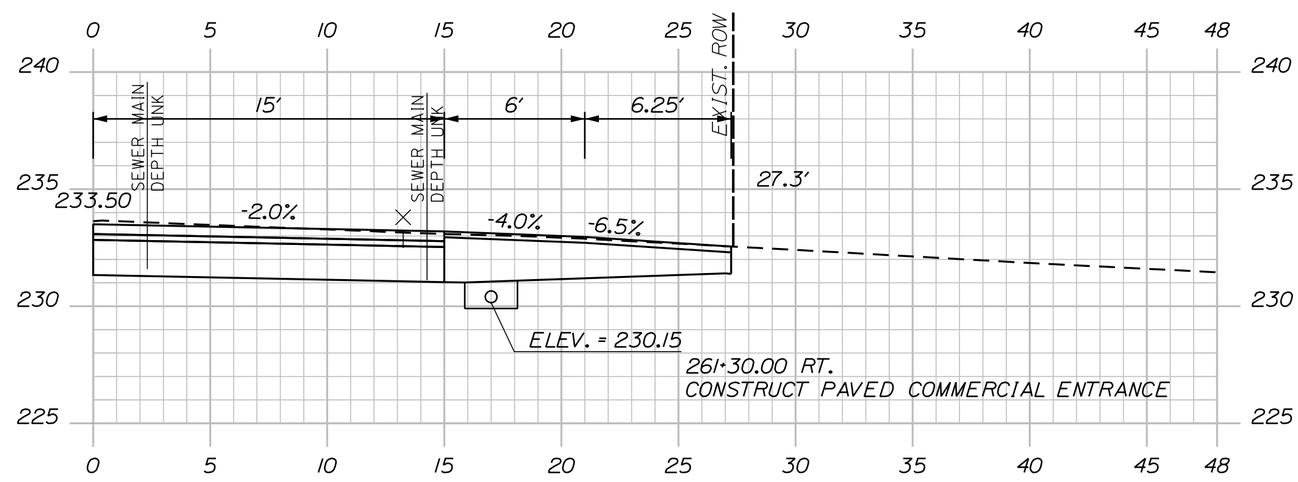
262+50.00



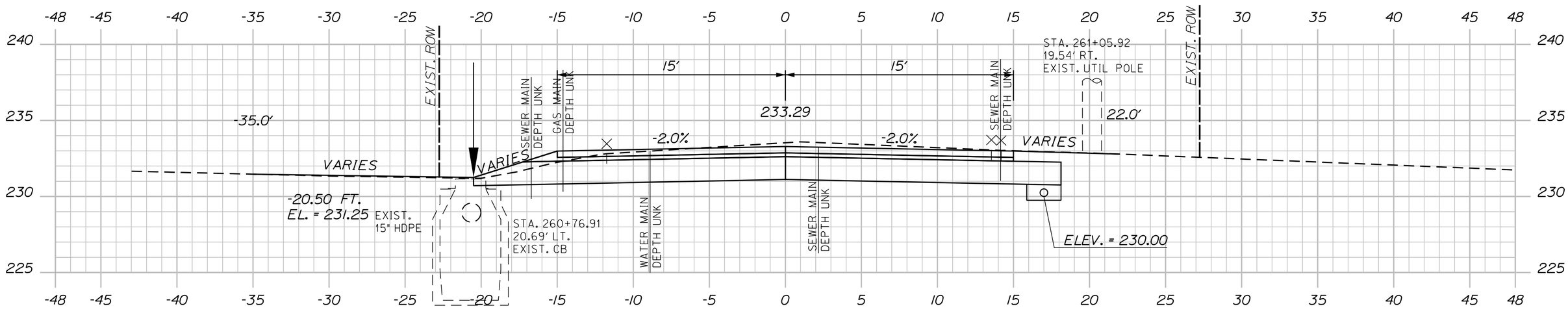
262+00.00



261+50.00



261+30.00
(PAVED COMMERCIAL ENTRANCE)



261+00.00

Sta. 261+00.00 to Sta. 262+50.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

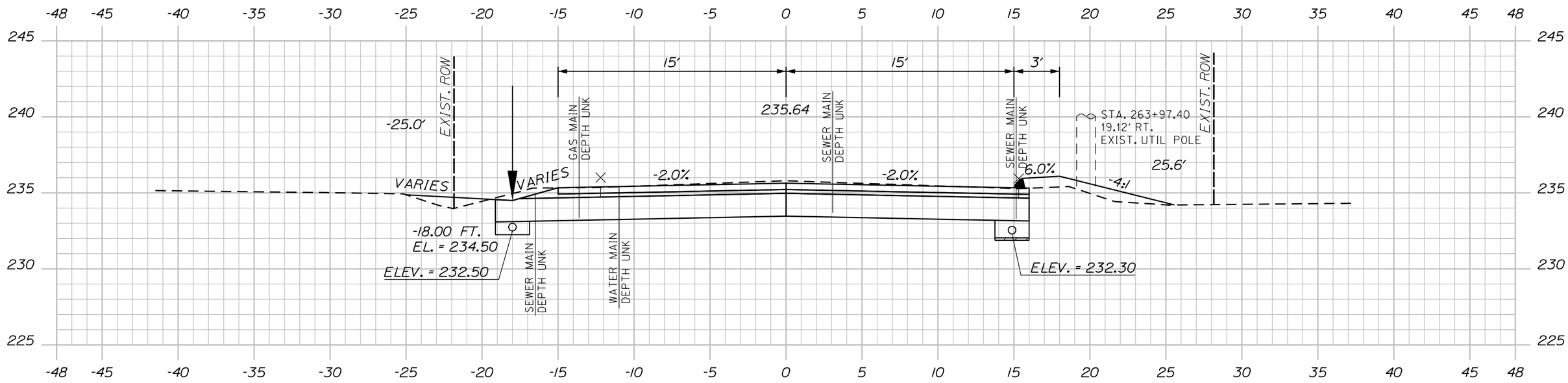
DATE

AUBURN MERROW ROAD

CROSS SECTIONS

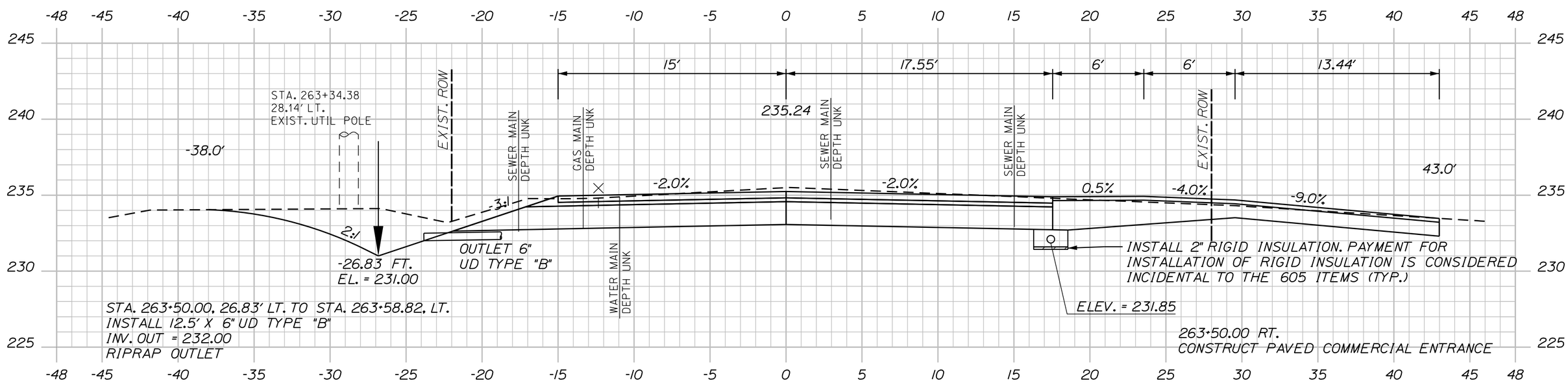
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

SHEET NUMBER 70 OF 78

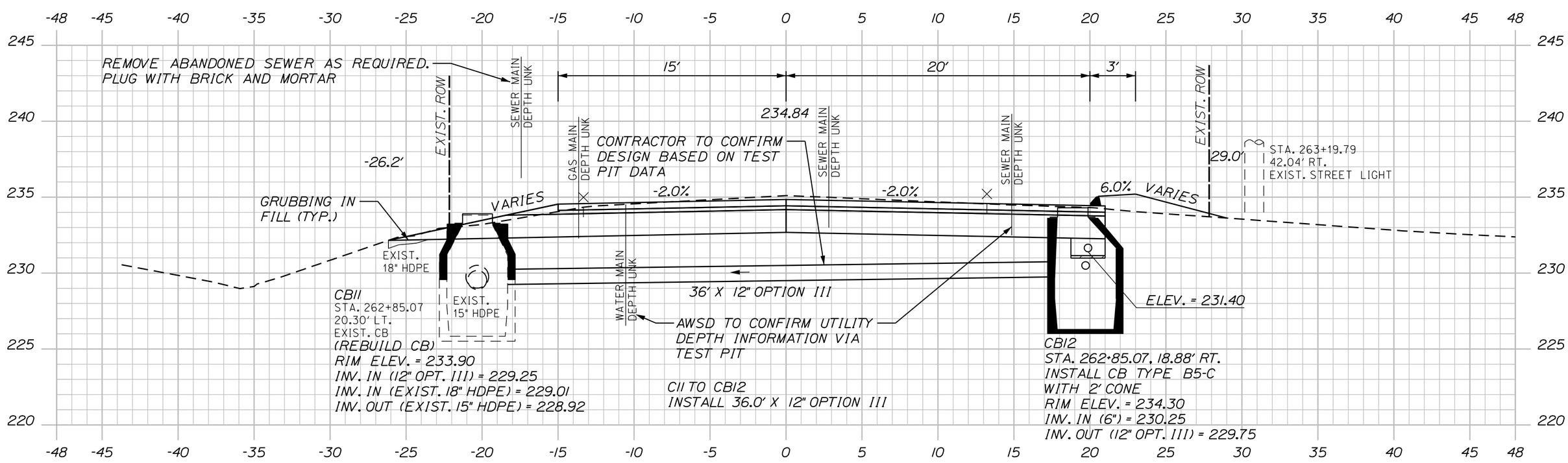


STA. 263+58.82, LT. TO STA. 268+50.00, LT.
INSTALL 493.2' X 6" UD TYPE "B"

264+00.00

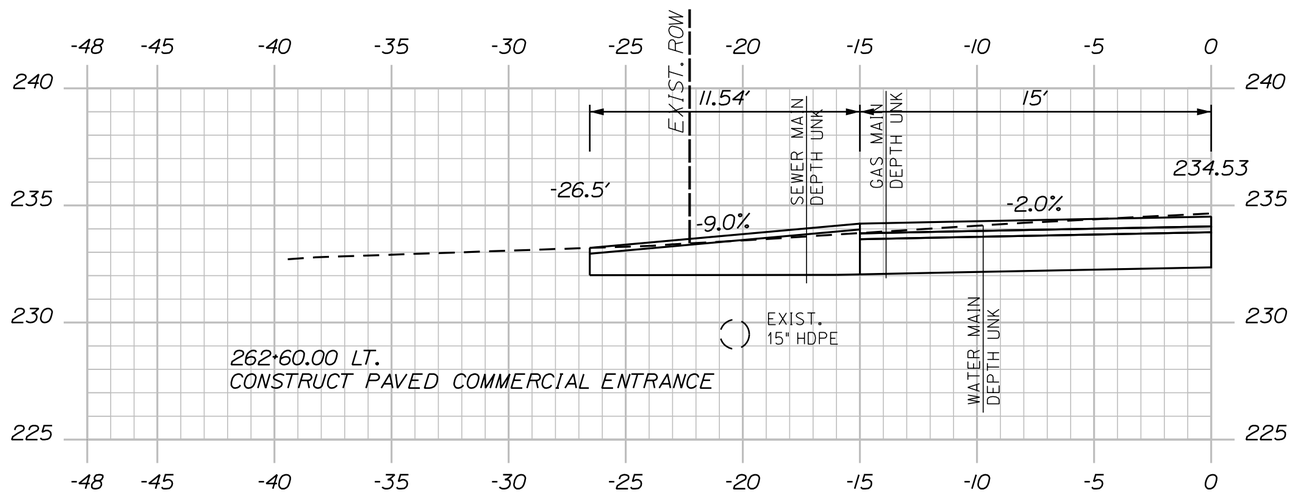


263+50.00
(PAVED COMMERCIAL ENTRANCE)



263+00.00

CB12 TO 266+68.66
INSTALL 382.0' X 6" UD TYPE "B"



262+60.00
(PAVED COMMERCIAL ENTRANCE)

Sta. 262+60.00 to Sta. 264+00.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

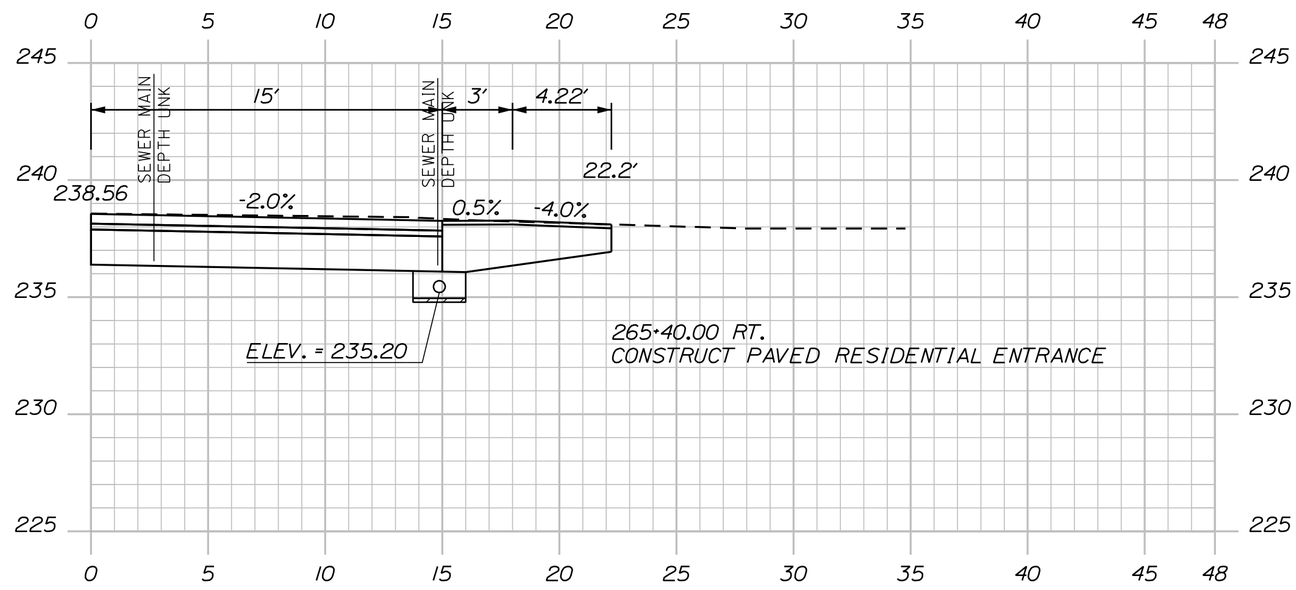
P.E. NUMBER

DATE

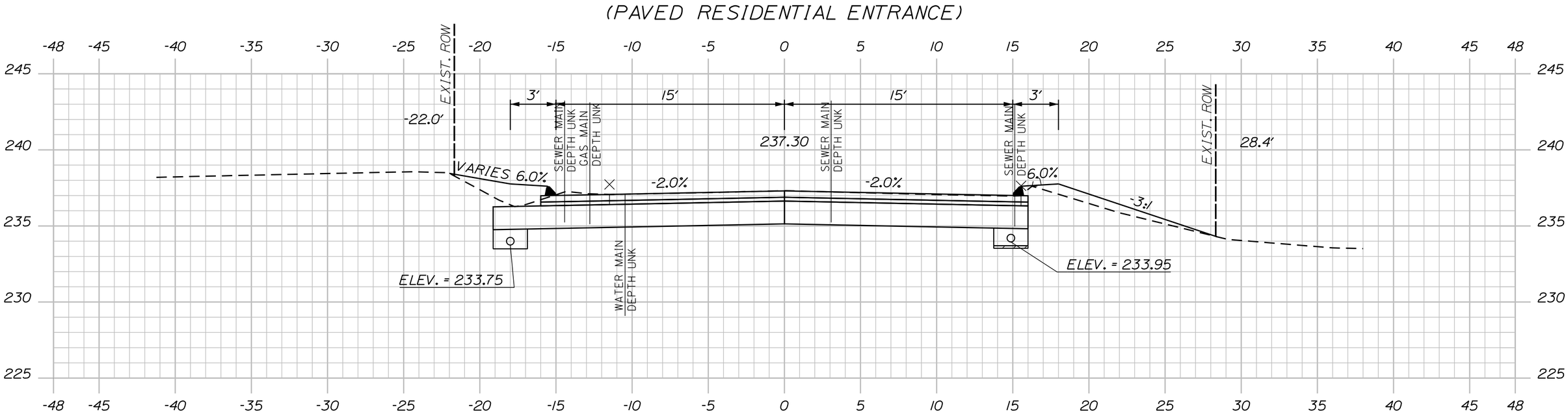
AUBURN
MERROW ROAD

CROSS SECTIONS

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



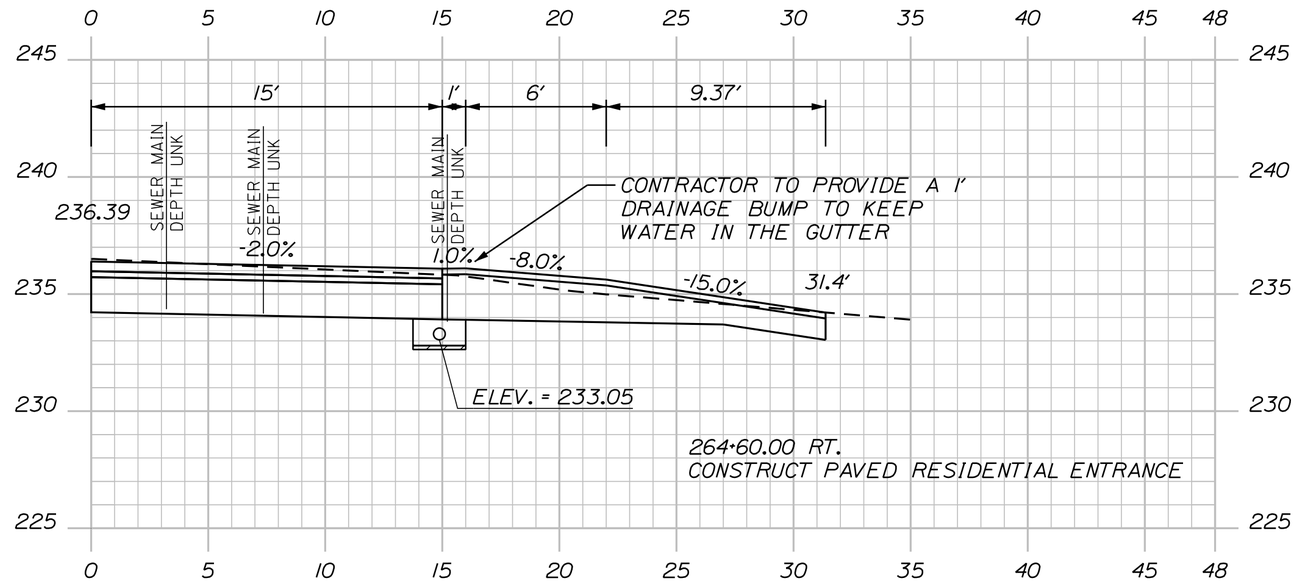
265+40.00
(PAVED RESIDENTIAL ENTRANCE)



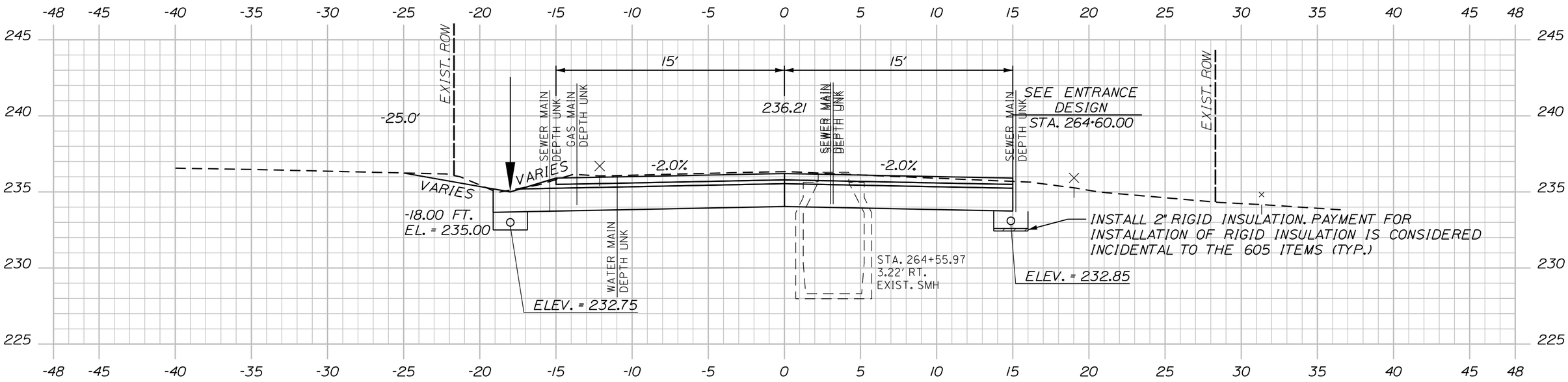
STA. 264+72. LT.
CONSTRUCT RIPRAP DOWNSPOUT

265+00.00

STA. 264+80.79
28.13' RT.
12 IN



264+60.00
(GRAVEL RESIDENTIAL ENTRANCE)



264+50.00

Sta. 264+50.00 to Sta. 265+40.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

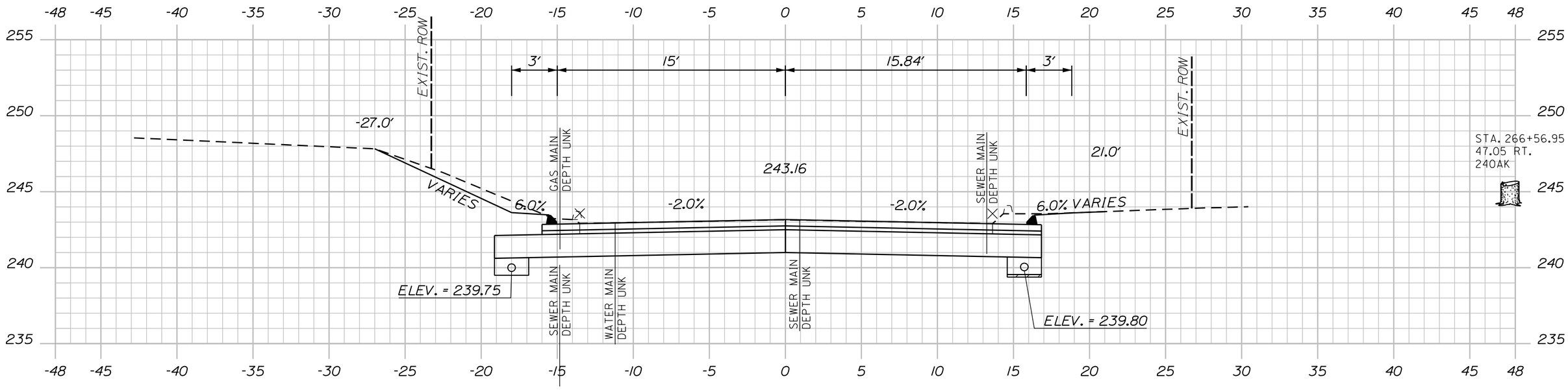
AUBURN MERROW ROAD

CROSS SECTIONS

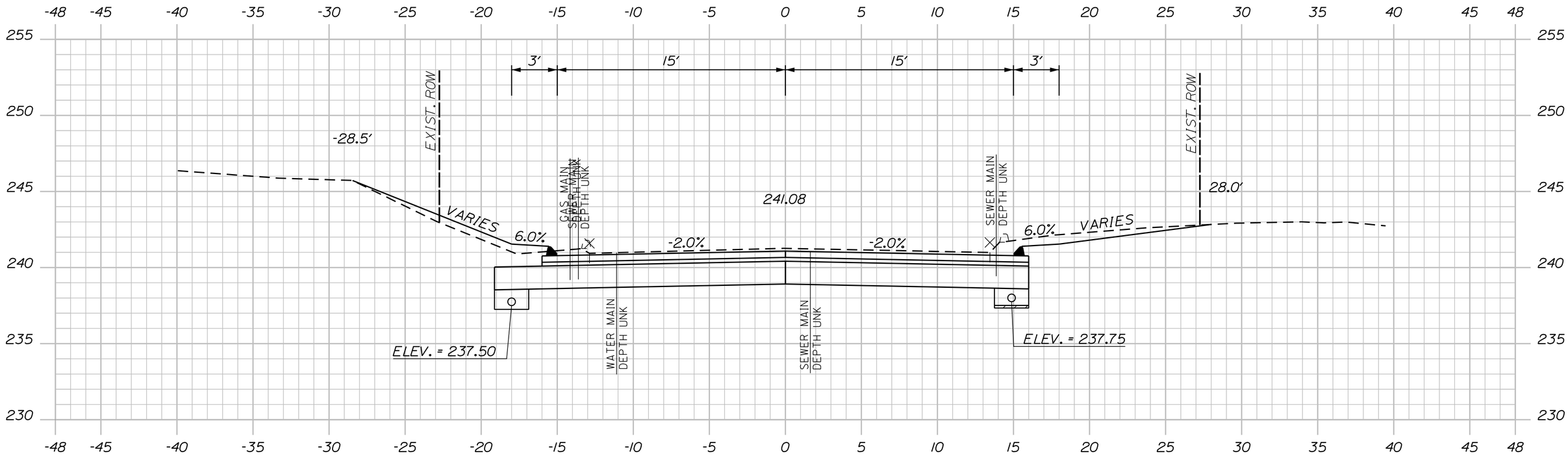
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

STA. 266+73.67
29.37 RT.
8FT DIA LILAC

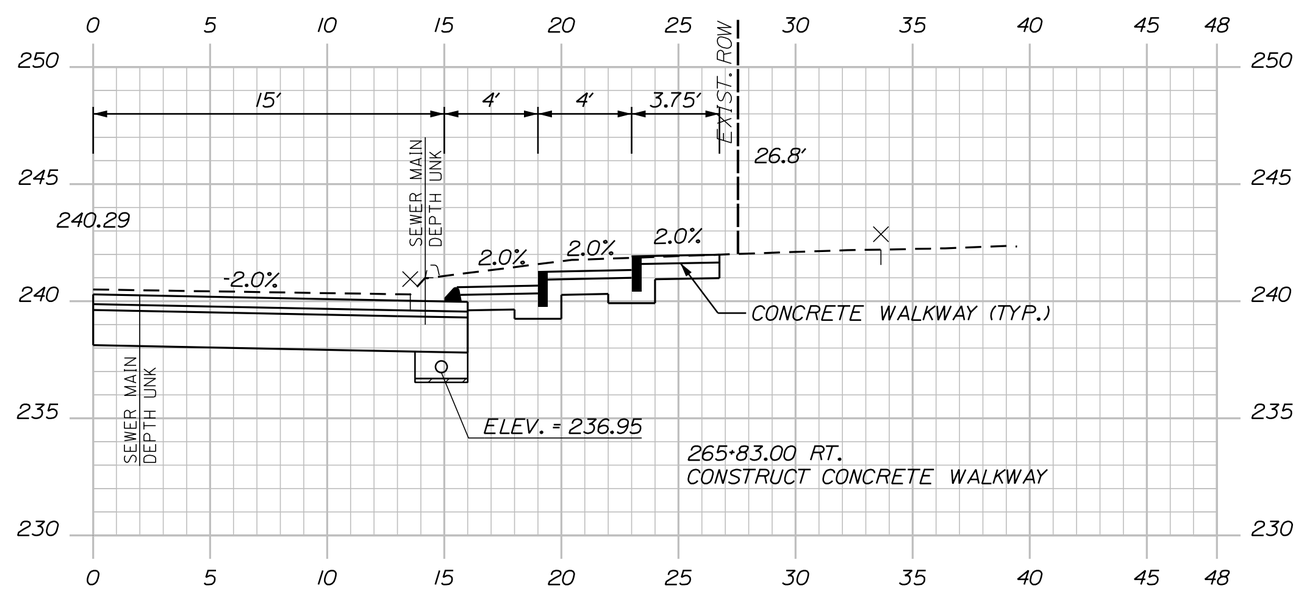
STA. 266+67.10
30.82 RT.
12FIR



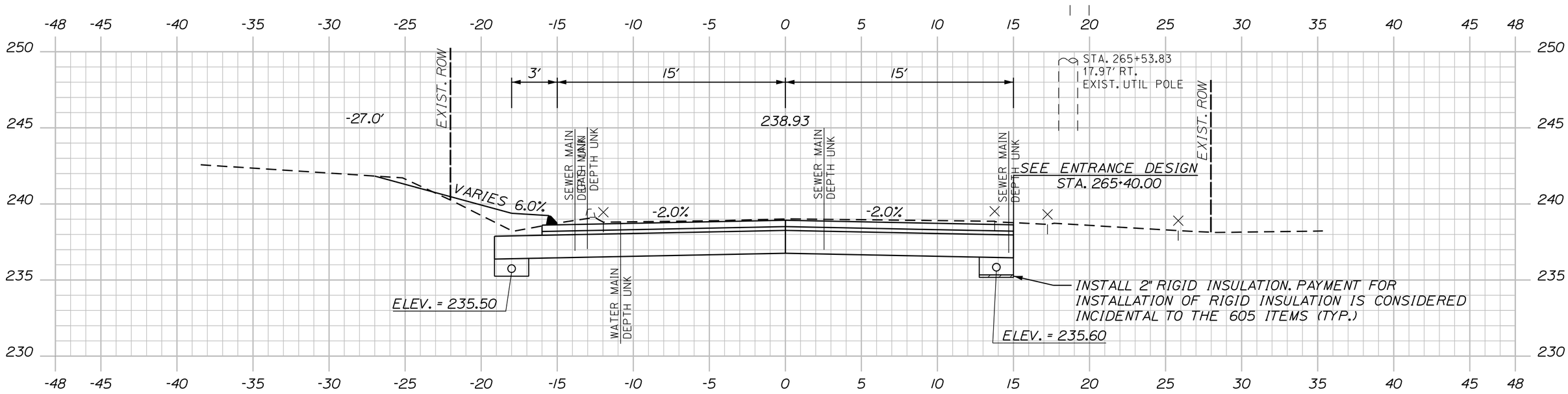
266+50.00



266+00.00



265+83.00
(CONCRETE WALKWAY)



265+50.00

Sta. 265+50.00 to Sta. 266+50.00

SHEET NUMBER 73 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

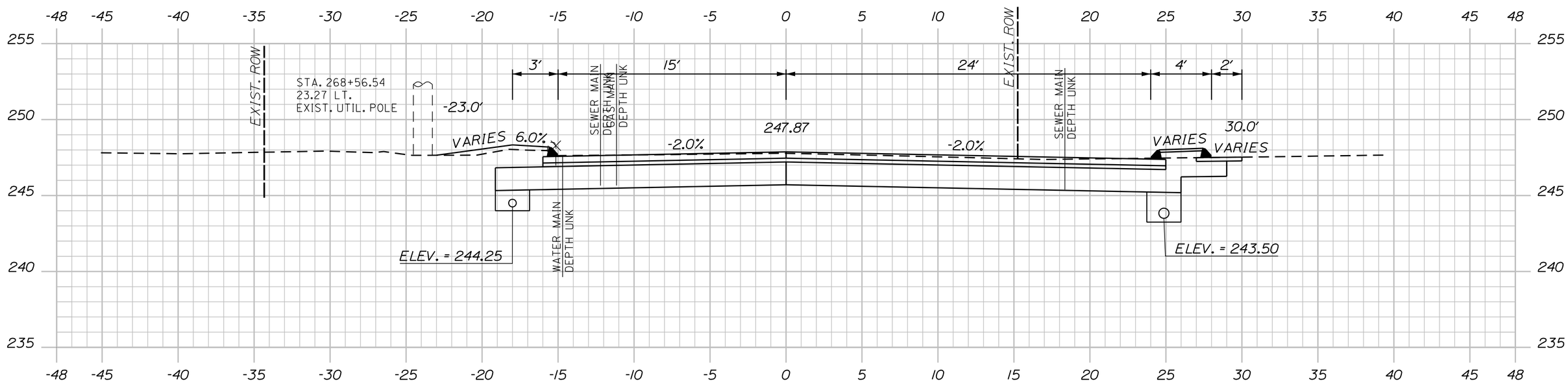
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

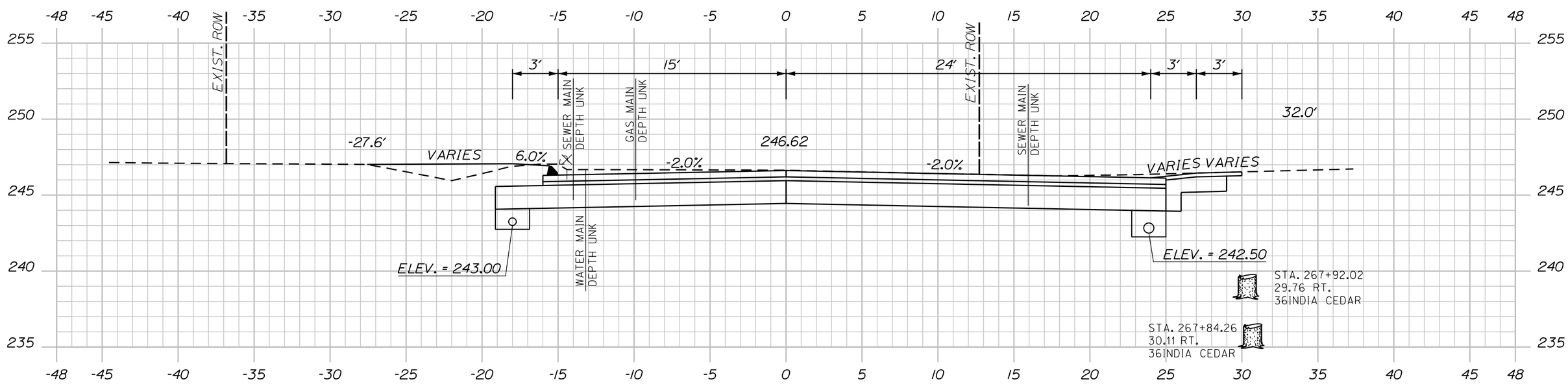
P.E. NUMBER

DATE

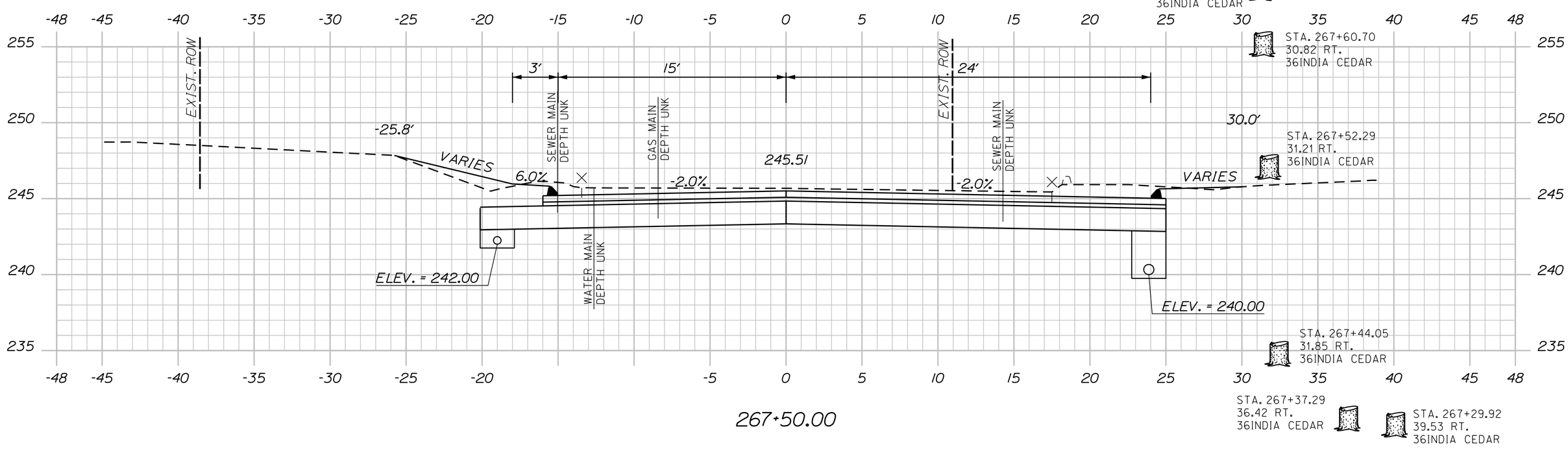
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



268+50.00



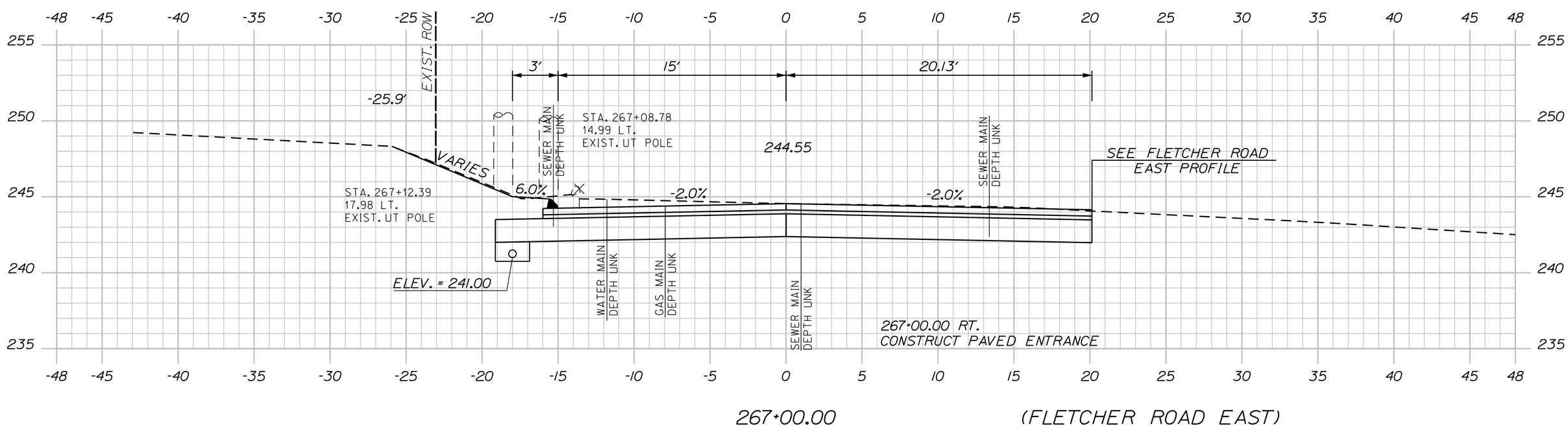
268+00.00



267+50.00

STA. 267+13.00 MERROW ROAD ℄=
STA. 500+00.00 FLETCHER ROAD EAST ℄

STA. ±501+60.00, LT. TO STA. 269+14.28, 64.76' RT.
INSTALL 360'± X 8" UD TYPE "B"



267+00.00 (FLETCHER ROAD EAST)

Sta. 267+00.00 to Sta. 268+50.00

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

AUBURN MERROW ROAD

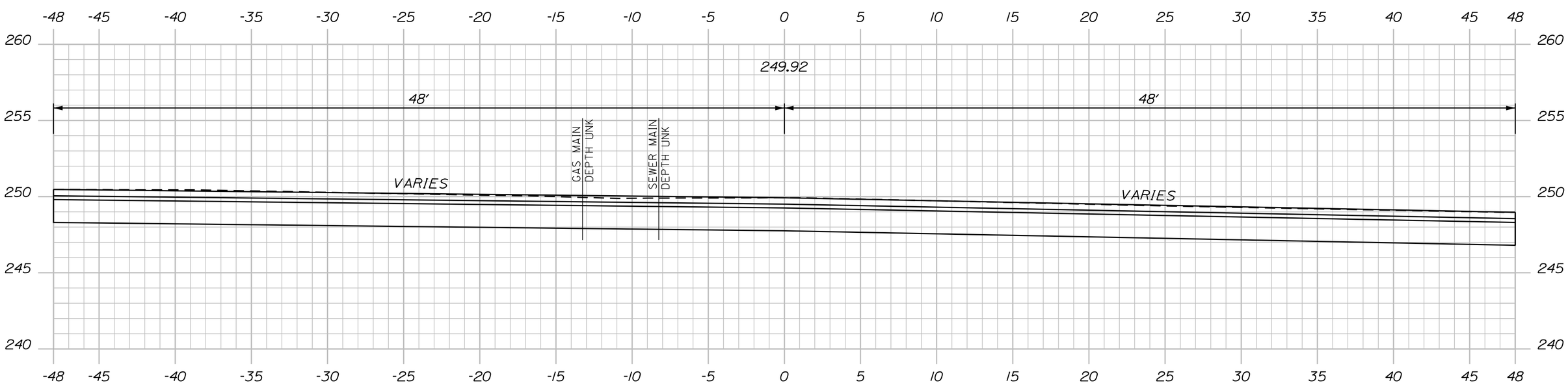
CROSS SECTIONS

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

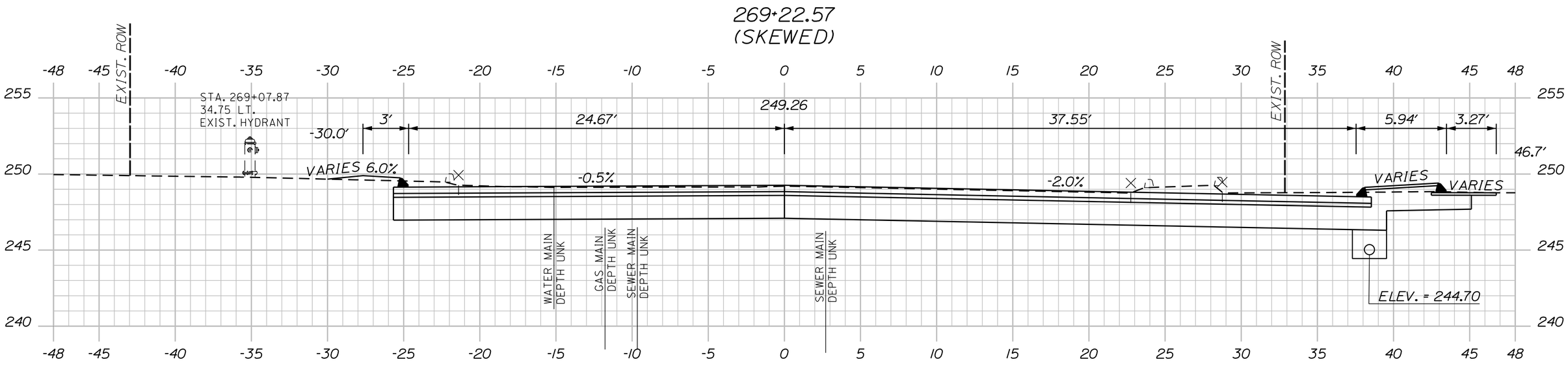
SHEET NUMBER 74 OF 78

STA. 269+22.57
END PROJECT
LIMIT OF WORK
END FULL DEPTH RECONSTRUCTION
MATCH EXISTING PAVEMENT

STA. 269+40.45 MERROW ROAD ℄=
STA. 302+25.00 HOTEL ROAD ℄



269+22.57
(SKEWED)



269+00.00

Sta. 269+00.00 to Sta. 269+22.57

SHEET NUMBER 75 OF 78

AUBURN MERROW ROAD

CROSS SECTIONS

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

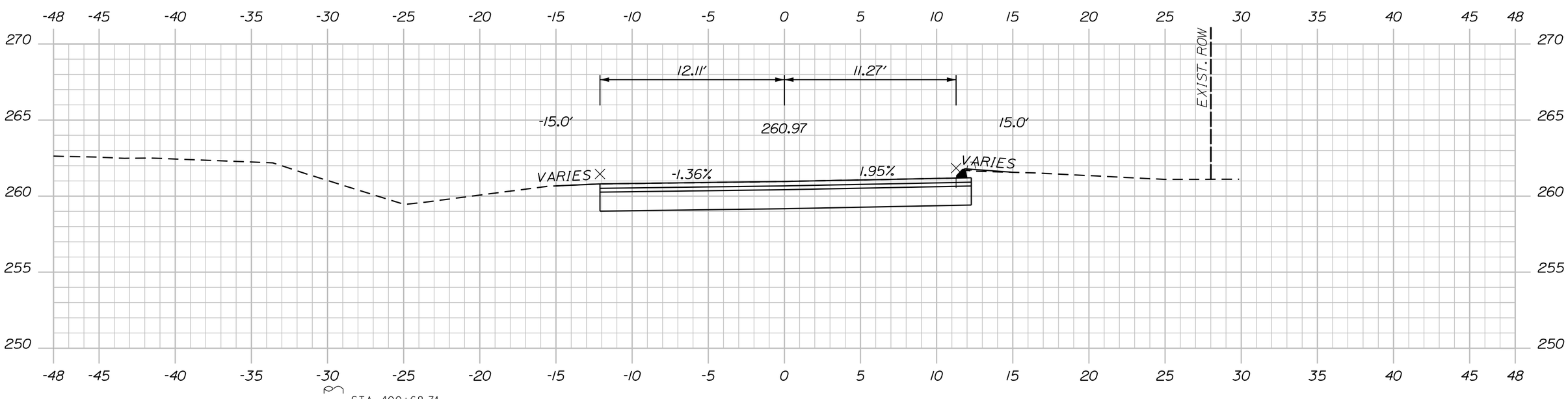
SIGNATURE

P.E. NUMBER

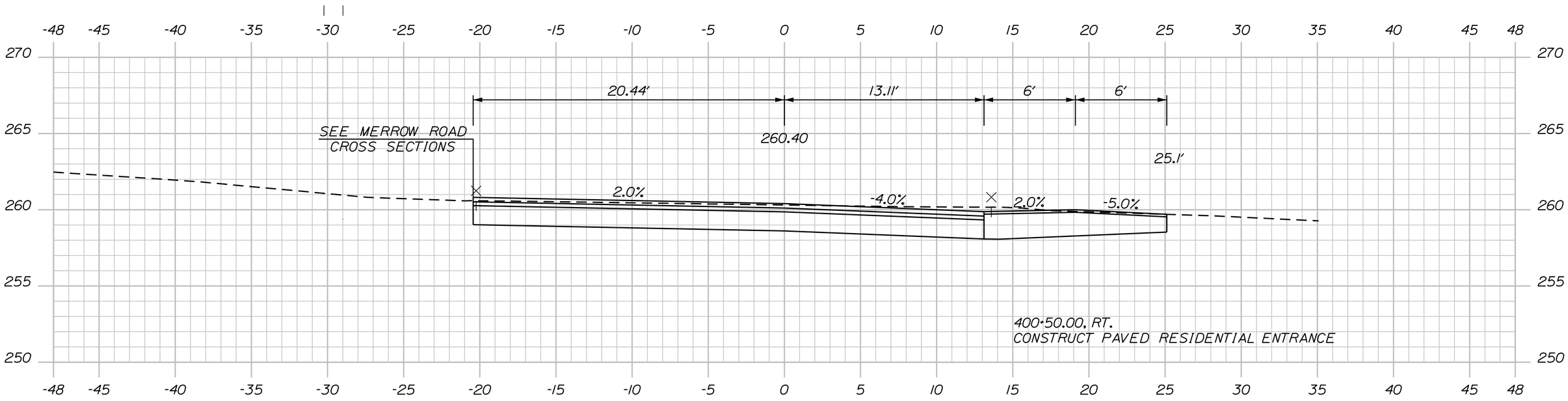
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

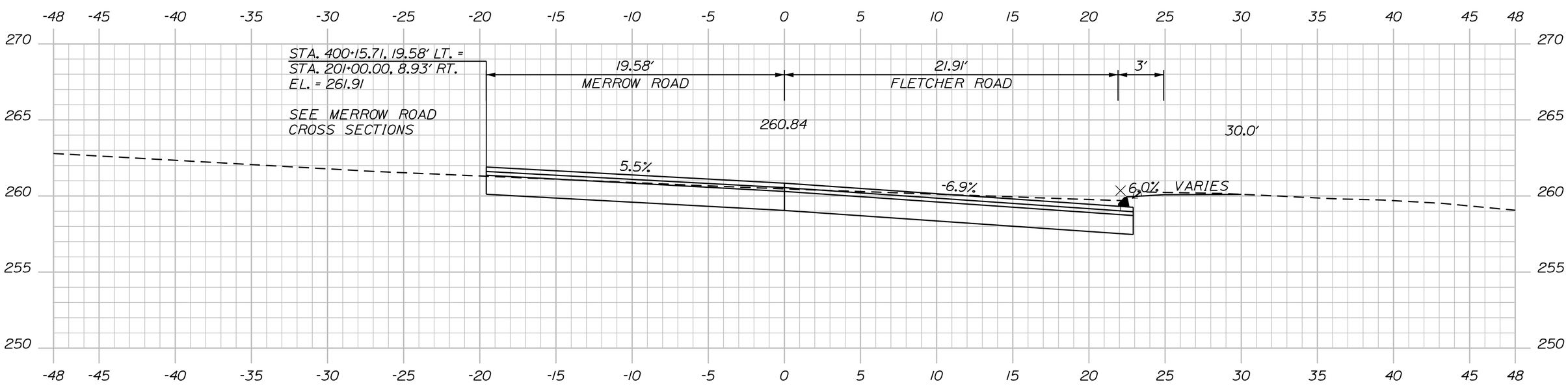
STA. 400+90.00
LIMIT OF WORK
MATCH EXISTING PAVEMENT



400+90.00



400+50.00 (PAVED RESIDENTIAL ENTRANCE)



400+15.71
(FLETCHER ROAD WEST)

STA. 200+77.23 MERROW ROAD ℄ =
STA. 400+00.00 FLETCHER ROAD WEST ℄

Sta. 400+15.71 to Sta. 400+90.00

SHEET NUMBER 76 OF 78

AUBURN
MERROW ROAD
SIDE ROAD
CROSS SECTIONS

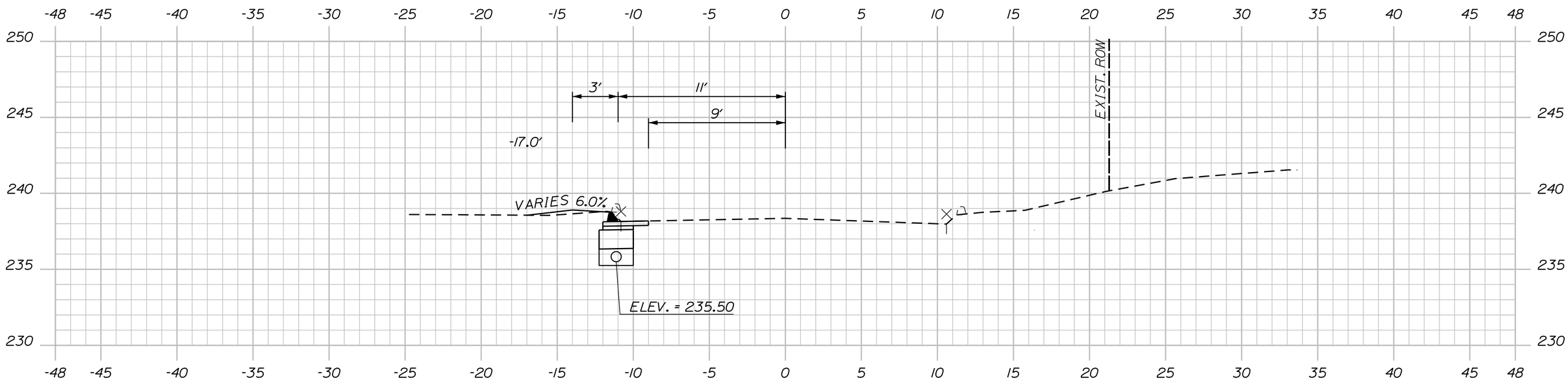
PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE
P.E. NUMBER
DATE

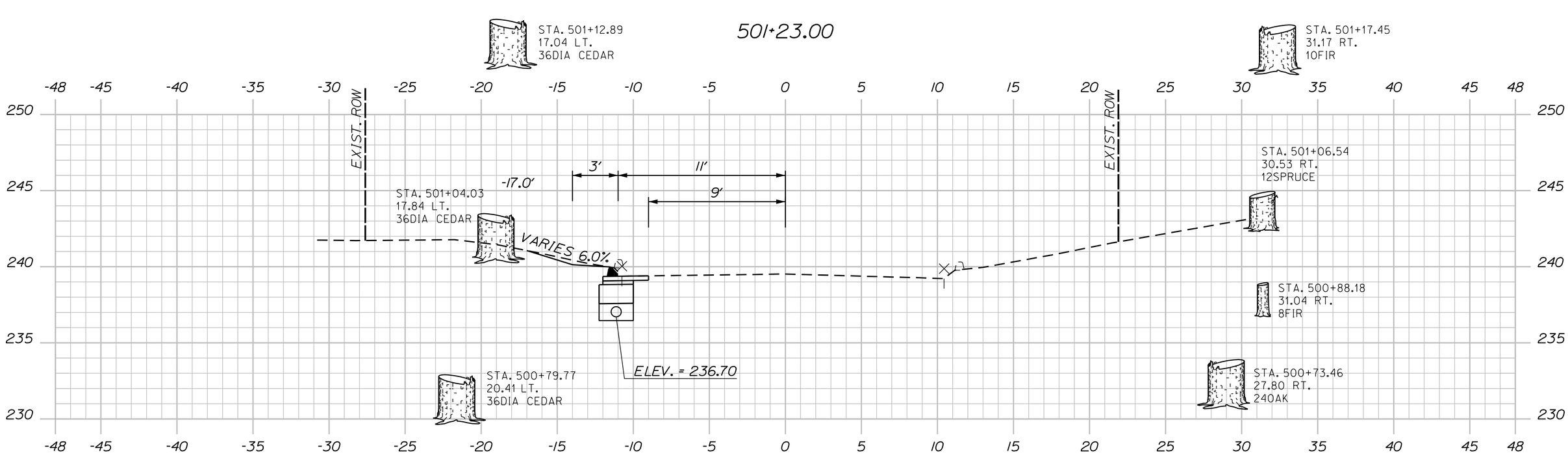
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

STA. TBD
LIMIT OF WORK (LT.)
MATCH EXISTING PAVEMENT

±STA. 501+60.00, LT. TO STA. 269+14.28, 62.76' RT.
INSTALL 360' X 8" UD TYPE "B"



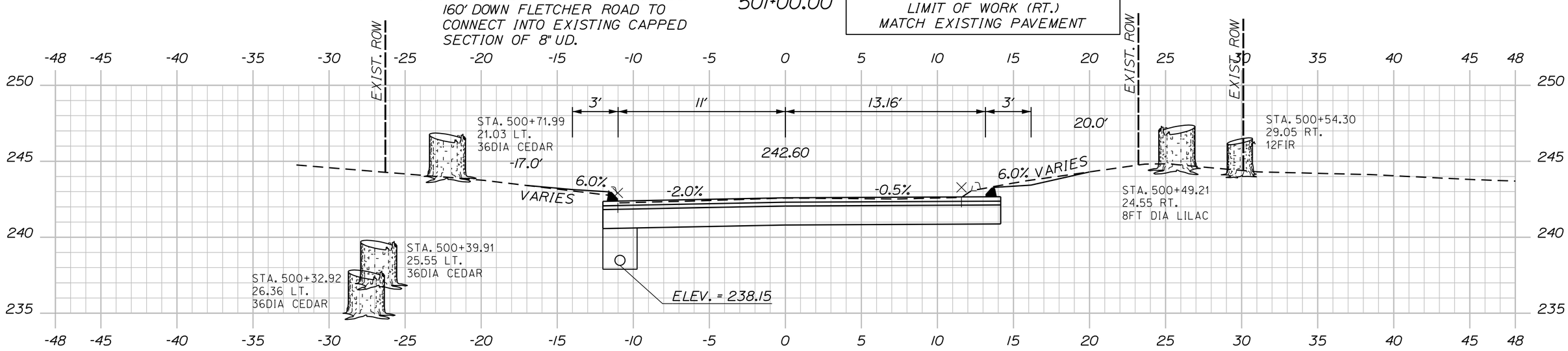
501+23.00



NOTE:
1. EXTEND 8" UD "B" APPROXIMATELY 160' DOWN FLETCHER ROAD TO CONNECT INTO EXISTING CAPPED SECTION OF 8" UD.

501+00.00

STA. 500+60.76
LIMIT OF WORK (RT.)
MATCH EXISTING PAVEMENT



STA. 500+27.27
27.95 LT.
36DIA CEDAR

500+50.00
(FLETCHER ROAD EAST)

STA. 267+13.00 MERROW ROAD ℄ =
STA. 500+00.00 FLETCHER ROAD EAST ℄

Sta. 500+50.00 to Sta. 501+23.00

SHEET NUMBER 77 OF 78

AUBURN MERROW ROAD

SIDE ROAD CROSS SECTIONS

PROJ. MANAGER	K. BENNETT	BY	DATE
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2	_	_	_
DESIGN3-DETAILED3	_	_	_
REVISIONS 1	_		_
REVISIONS 2	_		_
REVISIONS 3	_		_
REVISIONS 4	_		_
FIELD CHANGES			_

SIGNATURE

P.E. NUMBER

DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

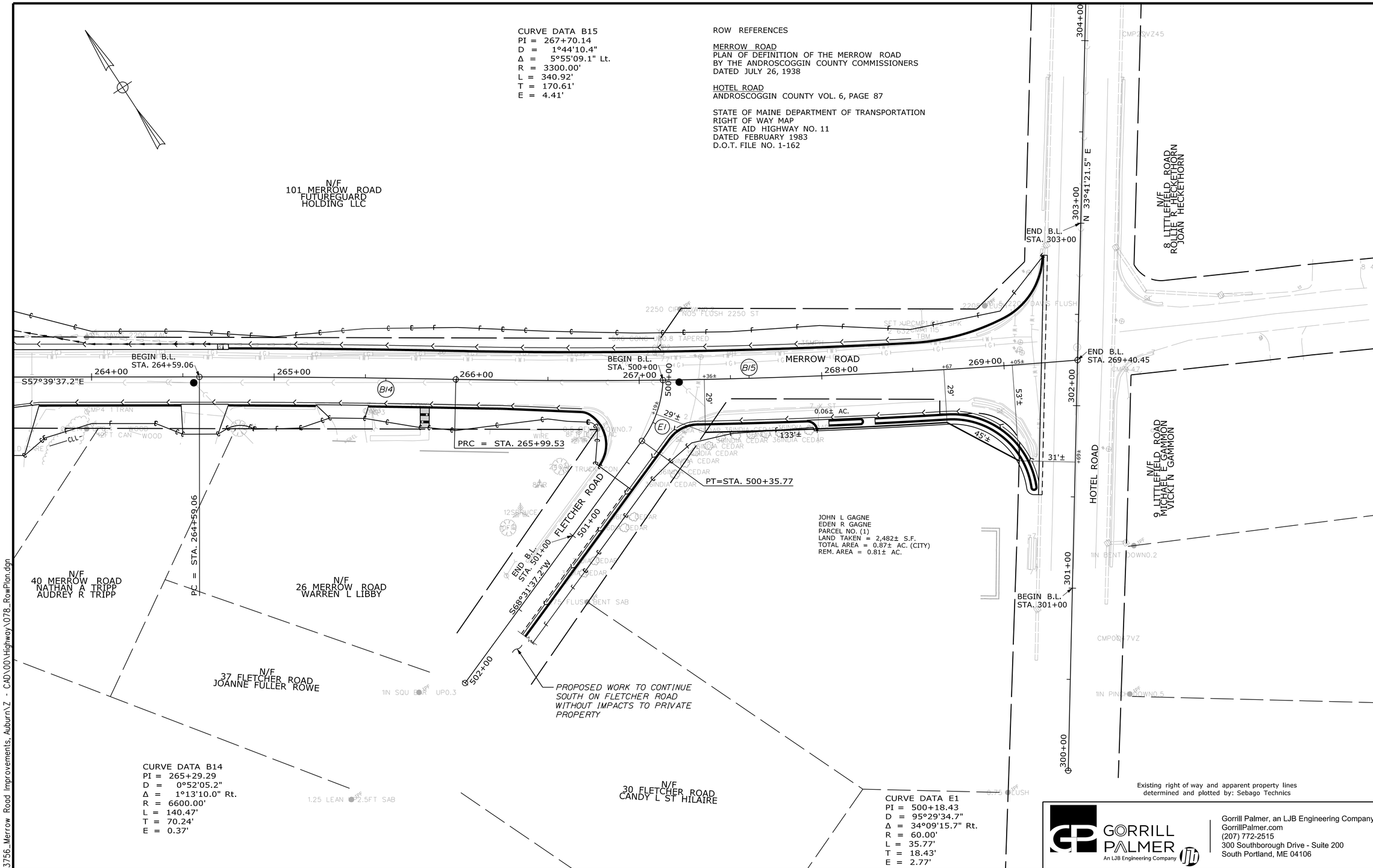
CURVE DATA B15
PI = 267+70.14
D = 1°44'10.4"
Δ = 5°55'09.1" Lt.
R = 3300.00'
L = 340.92'
T = 170.61'
E = 4.41'

ROW REFERENCES

MERROW ROAD
PLAN OF DEFINITION OF THE MERROW ROAD
BY THE ANDROSCOGGIN COUNTY COMMISSIONERS
DATED JULY 26, 1938

HOTEL ROAD
ANDROSCOGGIN COUNTY VOL. 6, PAGE 87

STATE OF MAINE DEPARTMENT OF TRANSPORTATION
RIGHT OF WAY MAP
STATE AID HIGHWAY NO. 11
DATED FEBRUARY 1983
D.O.T. FILE NO. 1-162



CURVE DATA B14
PI = 265+29.29
D = 0°52'05.2"
Δ = 1°13'10.0" Rt.
R = 6600.00'
L = 140.47'
T = 70.24'
E = 0.37'

CURVE DATA E1
PI = 500+18.43
D = 95°29'34.7"
Δ = 34°09'15.7" Rt.
R = 60.00'
L = 35.77'
T = 18.43'
E = 2.77'

Existing right of way and apparent property lines determined and plotted by: Sebago Technics

GORRILL PALMER
An LJB Engineering Company

Gorrill Palmer, an LJB Engineering Company
GorrillPalmer.com
(207) 772-2515
300 Southborough Drive - Suite 200
South Portland, ME 04106

SYMBOLS
- IP or IPF (IRON PIPE or PIN FOUND)
- S.T. (SEPTIC TANK)
- (ROW MONUMENT)
- BM (TRAVERSE POINT)
- (WELL)
- GRADING LIMIT LINE
- CONSTRUCTION LIMIT LINE
- PROPERTY LINE
- LIMITS OF PROPERTY PORTION (LOVLP)
- EXISTING RIGHT OF WAY
- NEW RIGHT OF WAY
- NEW ROW WITHIN EXIST. ROW
- CONTROL OF ACCESS
- WATER LINE
- GAS LINE
- ELECTRIC LINE
- TELEPHONE LINE
- SEWER LINE

ITEM	TECH	CHECKED
BASE MAP	ST	ST
EXIST. R/W	ST	ST
PROP. LINES	MC	JW
AREAS	MC	JW

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK		PAGE	COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	

MERROW ROAD

AUBURN ANDROSCOGGIN COUNTY

FEBRUARY 2025 | RIGHT-OF-WAY MAP
SCALE 1" = 25' | SHEET 1 OF 1

SHEET NUMBER
78
OF 78

Filename: ...\00\Highway\078_RowPlan.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\078_RowPlan.dgn

TEMPORARY EROSION CONTROL NOTES:

1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.

2. THE CONTRACTOR WILL BE RESPONSIBLE FOR LOCATING A LAYDOWN AREA AND CONSTRUCTING A STABILIZED CONSTRUCTION ENTRANCE. ALL WORK SHALL BE APPROVED BY THE INSPECTOR.

3. MAINTENANCE MEASURES SHALL BE APPLIED AS NEEDED DURING THE ENTIRE CONSTRUCTION SEASON. AFTER EACH RAINFALL, SNOW STORM OR PERIOD OF THAWING AND RUNOFF, THE CONTRACTOR SHALL PERFORM A VISUAL INSPECTION OF ALL INSTALLED EROSION CONTROL MEASURES AND PERFORM REPAIRS AS NEEDED TO ENSURE THEIR CONTINUOUS FUNCTION.

4. SILTATION FENCE OR WOOD WASTE COMPOST BERMS SHALL BE INSTALLED DOWNSTREAM OF ANY DISTURBED AREAS TO TRAP RUNOFF BOURNE SEDIMENTS UNTIL GRASS AREAS ARE REVEGETATED. THE SILT FENCE OR WOOD WASTE COMPOST BERMS SHALL BE INSPECTED AT LEAST ONCE A WEEK AND BEFORE AND IMMEDIATELY AFTER A STORM EVENT OF 0.5 INCHES OR GREATER, AND AT LEAST ONCE DAILY DURING PROLONGED RAINFALL.

5. IN AREAS ADJACENT TO EXISTING WETLANDS, A DOUBLE ROW OF SILTATION FENCE SHALL BE USED. WOOD WASTE COMPOST BERMS ARE NOT TO BE USED ADJACENT TO WETLAND AREAS.

6. STRAW OR HAY MULCH INCLUDING HYDROSEEDING IS INTENDED TO PROVIDE COVER FOR DENUDED OR SEEDED AREAS UNTIL REVEGETATION IS ESTABLISHED. MULCH PLACED BETWEEN APRIL 15TH AND OCTOBER 15TH ON SLOPES OF LESS THEN 15 PERCENT SHALL BE ANCHORED BY APPLYING WATER; MULCH PLACED ON SLOPES EQUAL TO OR STEEPER THAN 15 PERCENT SHALL BE COVERED BY A FABRIC NETTING AND ANCHORED WITH STAPLES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION. FABRIC NETTING AND STAPLES SHALL BE USED ON DISTURED AREAS WITHIN 50' OF WETLANDS REGARDLESS OF THE UPSTREAM SLOPE. MULCH PLACED BETWEEN OCTOBER 15TH AND APRIL 15TH ON SLOPES EQUAL TO OR STEEPER THAN 8 PERCENT SHALL BE COVERED WITH A FABRIC NETTING AND ANCHORED WITH STAPLES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS. SLOPES STEEPER THAN 3:1 AND EQUAL TO OR FLATTER THAN 2:1, WHICH ARE TO BE REVEGETATED, SHALL RECEIVE CURLEX BLANKETS BY AMERICAN EXCELSIOR OR EQUAL. MULCH SHALL NOT BE PLACED OVER SNOW.

7. TEMPORARY STOCKPILES OF STUMPS, GRUBBINGS, OR COMMON EXCAVATION WILL BE PROTECTED AS FOLLOWS:

   A) TEMPORARY STOCKPILES SHALL NOT BE LOCATED WITHIN 100 FEET OF ANY WETLANDS WHICH WILL NOT BE DISTURBED AND SHALL BE LOCATED AWAY FROM DRAINAGE SWALES.

   B) STOCKPILES SHALL BE STABILIZED WITHIN 7 DAYS BY EITHER TEMPORARILY SEEDING THE STOCKPILE BY A HYDROSEED METHOD CONTAINING AN EMULSIFIED MULCH TACKIFIER OR BY COVERING THE STOCKPILE WITH MULCH, SUCH AS HAY, STRAW, OR EROSION CONTROL MIX.

   C) STOCKPILES SHALL BE SUROUNDED BY SEDIMENTATION BARRIER AT THE TIME OF FORMATION.

8. ALL DENUDED AREAS THAT ARE WITHIN 100 FEET OF AN UNDISTURBED WETLAND, WHICH HAVE BEEN ROUGH GRADED AND ARE NOT LOCATED WITHIN A PARKING AREA, ACCESS DRIVE OR ROADWAY SUBBASE AREA, SHALL RECEIVE MULCH OR EROSION CONTROL MESH FABRIC WITHIN 48 HOURS OF INITIAL DISTURBANCE OF SOIL. ALL AREAS WITHIN 100 FEET OF AN UNDISTURBED WETLAND SHALL BE MULCHED PRIOR TO ANY PREDICTED RAIN EVENT REGARDLESS OF THE 48 HOUR WINDOW. IN OTHER AREAS, THE TIME PERIOD MAY BE EXTENDED TO 7 DAYS.

9. FOR WORK, WHICH IS CONDUCTED BETWEEN OCTOBER 15TH AND APRIL 15TH OF ANY CALENDAR YEAR, ALL DENUDED AREAS, SHALL BE COVERED WITH HAY MULCH OR EROSION CONTROL MIX, APPLIED AT TWICE THE NORMAL APPLICATION RATE AND ANCHORED WITH A FABRIC NETTING. THE TIME PERIOD FOR APPLYING MULCH SHALL BE LIMITED TO 2 DAYS FOR ALL AREAS.

10. DURING GRUBBING OPERATIONS STONE CHECK DAMS SHALL BE INSTALLED AT ANY EVIDENT CONCENTRATED FLOW DISCHARGE POINTS AND AS DIRECTED ON THE EROSION CONTROL PLANS.

11. SILT FENCING WITH A MINIMUM STAKE SPACING OF 6 FEET SHALL BE USED, UNLESS THE FENCE IS SUPPORTED BY WIRE FENCE REINFORCEMENT OF MINIMUM 14 GAUGE AND WITH A MAXIMUM MESH SPACING OF 6 INCHES, IN WHICH CASE STAKES MAY BE SPACED A MAXIMUM OF 10 FEET APART. THE BOTTOM OF THE FENCE SHALL BE ANCHORED.

12. WOOD WASTE COMPOST/BARK BERMS MAY BE USED IN LIEU OF SILTATION FENCING. BERMS SHALL BE REMOVED AND SPREAD IN A LAYER NOT TO EXCEED 3" THICK ONCE UPSTREAM AREAS ARE COMPLETED AND 90% CATCH OF VEGETATION IS ATTAINED.

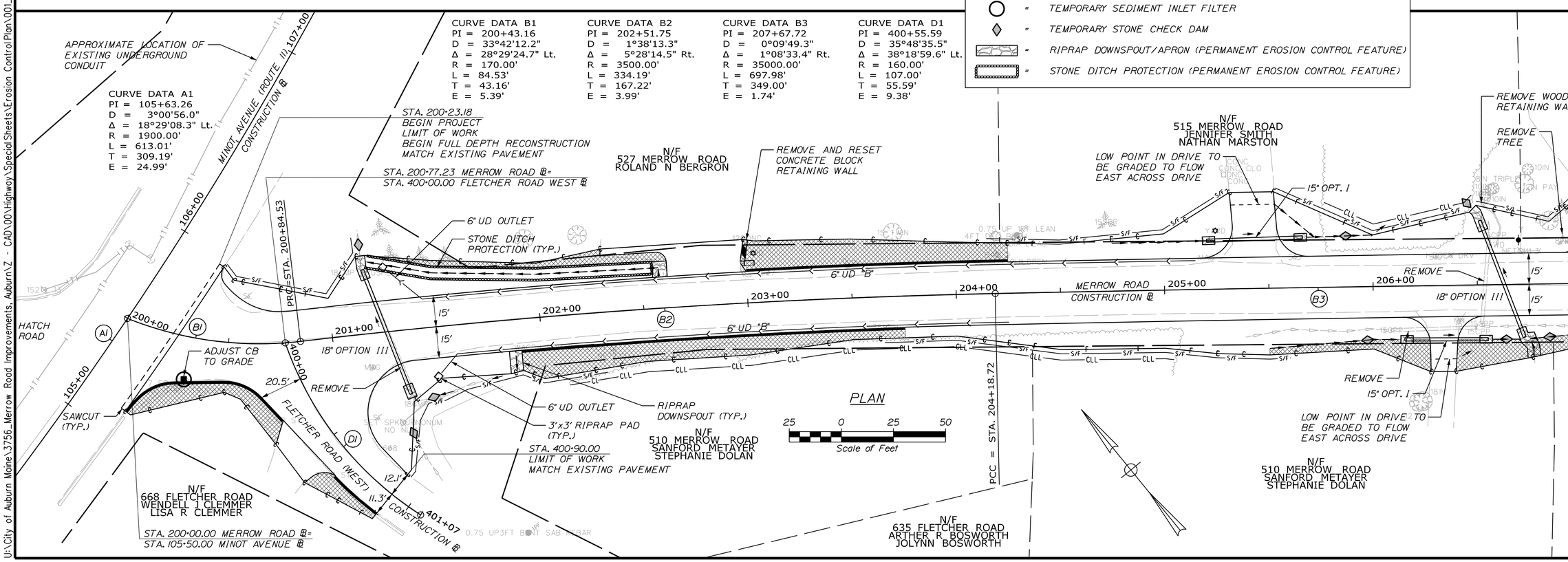
13. STORM DRAIN CATCH BASIN INLET PROTECTION SHALL BE PROVIDED THROUGH THE USE OF STONE SEDIMENT BARRIERS OR APPROVED SEDIMENT BAGS (SUCH AS SILT SACK). THE BARRIERS SHALL BE INSPECTED AFTER EACH RAINFALL AND REPAIRS MADE AS NECESSARY. SEDIMENT SHALL BE REMOVED AND THE BARRIER RESTORED TO ITS ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ½ THE DESIGN DEPTH OF THE BARRIER. THE BARRIER SHALL BE REMOVED WHEN THE TRIBUTARY DRAINAGE AREA HAS BEEN STABILIZED.

14. WATER AND/OR CALCIUM CHLORIDE SHALL BE FURNISHED AND APPLIED IN ACCORDANCE WITH MAINE DEPARTMENT OF TRANSPORTATION SPECIFICATIONS - SECTION - DUST CONTROL.

15. LOAM AND SEED IS INTENDED TO SERVE, AS THE PRIMARY PERMANENT REVEGETATIVE MEASURE FOR ALL DENUDED AREAS NOT PROVIDED WITH OTHER EROSION CONTROL MEASURES, SUCH AS RIPRAP OR STONE DITCH PROTECTION. SEEDING SHALL NOT OCCUR OVER SNOW.

EROSION CONTROL PLAN LEGEND

—S/F—	=	SILT FENCE
—S/F—S/F—	=	DOUBLE SILT FENCE (NO WETLAND IMPACTS ANTICIPATED)
	=	TEMPORARY EROSION CONTROL BLANKET OR APPROVED EQUAL
	=	TEMPORARY SEDIMENT INLET FILTER
	=	TEMPORARY STONE CHECK DAM
	=	RIPRAP DOWNSPOUT/APRON (PERMANENT EROSION CONTROL FEATURE)
	=	STONE DITCH PROTECTION (PERMANENT EROSION CONTROL FEATURE)



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

			BY	DATE
PROJ. MANAGER	K. BENNETT			
DESIGN-DETAILED	T. WARREN	E. ROBINSON	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	D. ETTINGER	02\25
DESIGN2-DETAILED2				
DESIGN3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

SIGNATURE

P.E. NUMBER

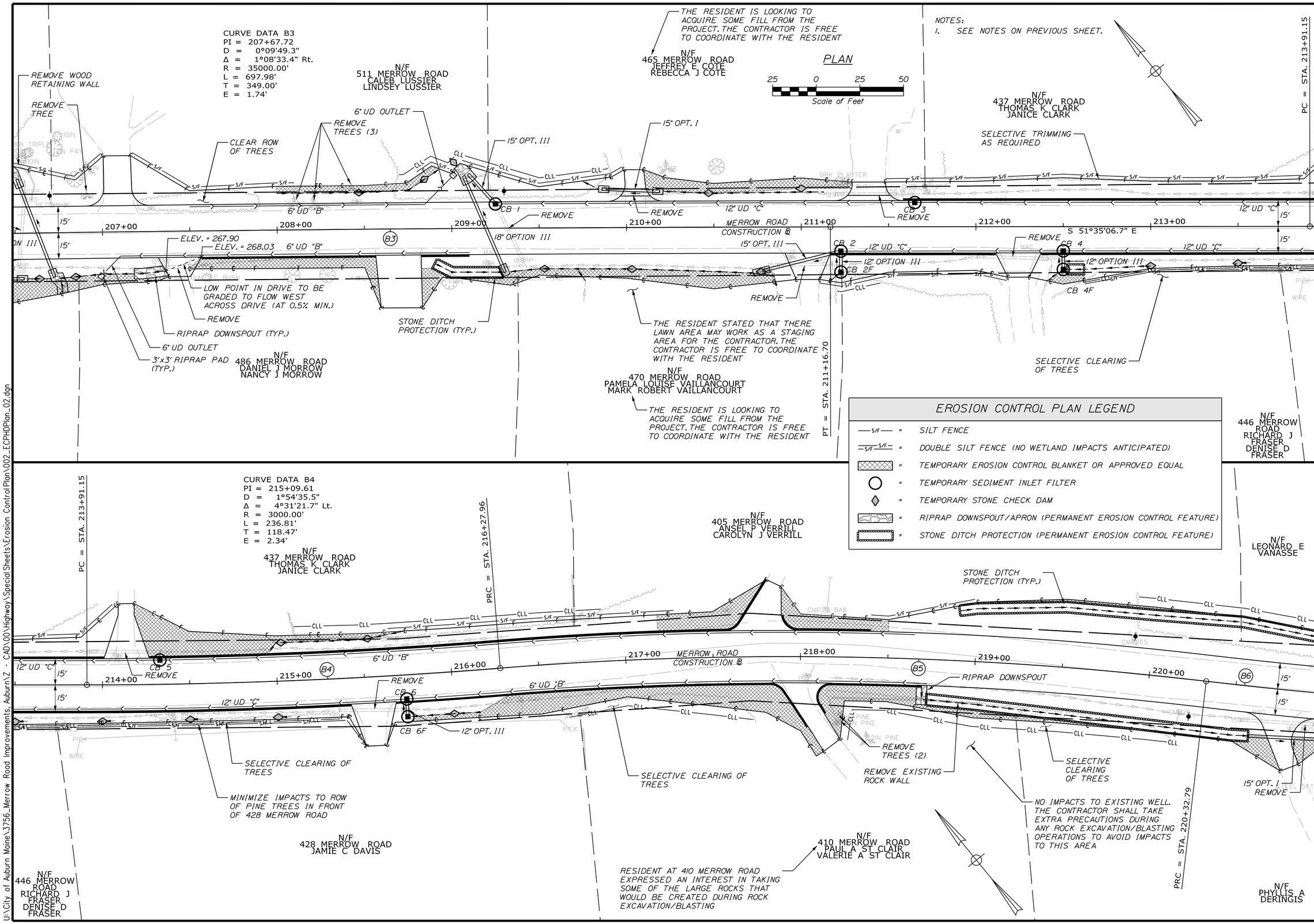
DATE

AUBURN MERROW ROAD
APPENDIX A EROSION CONTROL PLANS

SHEET NUMBER

A1

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\Special Sheets\Erosion Control Plan\001_ECPHDPlan_01.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025 Filename: ...\001_ECPHDPlan_01.dgn



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

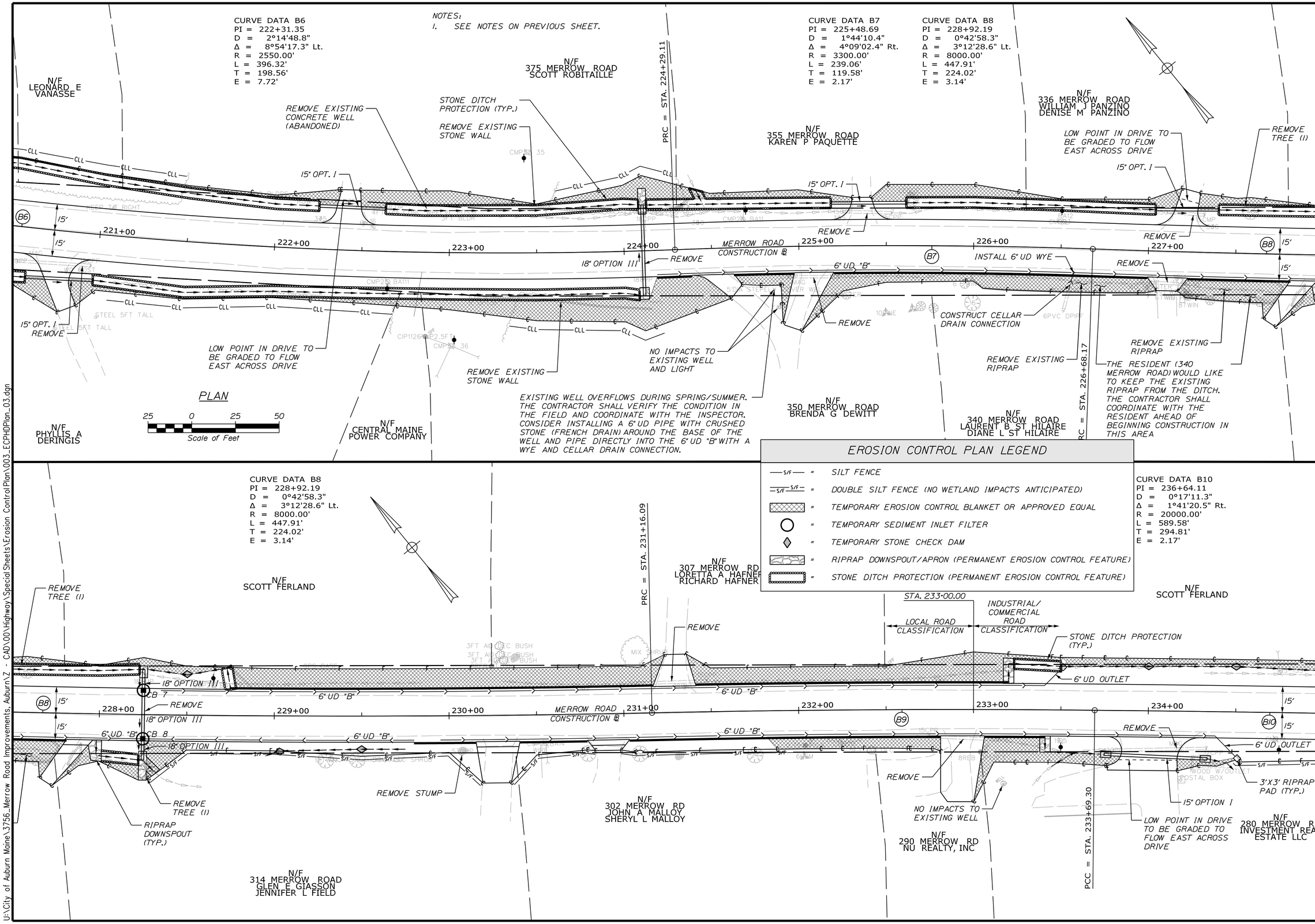
PROJ. MANAGER	K. BENNETT			
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25	
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25	
DESIGN2-DETAILED2				
DESIGN3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

SIGNATURE
P.E. NUMBER
DATE

AUBURN MERROW ROAD
APPENDIX A EROSION CONTROL PLANS

SHEET NUMBER
A2

Filename: ...\002_ECPHDPlan_02.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\Special Sheets\Erosion Control Plan\002_ECPHDPlan_02.dgn



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\X25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\X25
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD

APPENDIX A
EROSION CONTROL PLANS

SHEET NUMBER
A3

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\Special Sheets\Erosion Control Plan\003_ECPHDPlan_03.dgn
Filename: ...\003_ECPHDPlan_03.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SPI04 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.

CURVE DATA B10
PI = 236+64.11
D = 0°17'11.3"
Δ = 1°41'20.5" Rt.
R = 20000.00'
L = 589.58'
T = 294.81'
E = 2.17'

CURVE DATA B11
PI = 241+01.13
D = 1°19'56.9"
Δ = 3°47'21.9" Lt.
R = 4300.00'
L = 284.39'
T = 142.25'
E = 2.35'

N/F
SCOTT FERLAND

N/F
249 MERROW RD
TY PROPERTIES LLC

N/F
227 MERROW RD
NU REALITY INC

N/F
227 MERROW RD
NU REALITY INC

N/F
280 MERROW RD
INVESTMENT REAL ESTATE LLC

N/F
264 MERROW RD
LAPOINTE PROPERTIES LLC

N/F
230 MERROW RD
SEA SUITES DEVEPOLMENT, LLC

6" UD OUTLET
RIPRAP DOWNSPOUT (TYP.)
PROPOSED UNDERDRAIN FROM STA. 241+00 TO STA. 242+94, LT. SHALL BE PLACED AT 18.0' OFFSET FROM THE CONSTRUCTION ℄
15'
235+00
REMOVE
18" OPTION III
236+00
6" UD "B"
237+00
238+00
MERROW ROAD CONSTRUCTION ℄
239+00
240+00
241+00
18'
B10
B11
6" UD OUTLET
3'X3' RIPRAP PAD (TYP.)
STONE DITCH PROTECTION (TYP.)
STA. 239+58.88
KASSBOHRER WAY

EROSION CONTROL PLAN LEGEND

—s/f—	=	SILT FENCE
—s/f—s/f—	=	DOUBLE SILT FENCE (NO WETLAND IMPACTS ANTICIPATED)
	=	TEMPORARY EROSION CONTROL BLANKET OR APPROVED EQUAL
	=	TEMPORARY SEDIMENT INLET FILTER
	=	TEMPORARY STONE CHECK DAM
	=	RIPRAP DOWNSPOUT/APRON (PERMANENT EROSION CONTROL FEATURE)
	=	STONE DITCH PROTECTION (PERMANENT EROSION CONTROL FEATURE)

CURVE DATA B11
PI = 241+01.13
D = 1°19'56.9"
Δ = 3°47'21.9" Lt.
R = 4300.00'
L = 284.39'
T = 142.25'
E = 2.35'

NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SPI04 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.

PROPOSED UNDERDRAIN FROM STA. 241+00 TO STA. 242+94, LT. SHALL BE PLACED AT 18.0' OFFSET FROM THE CONSTRUCTION ℄

STONE DITCH PROTECTION

N/F
227 MERROW RD
NU REALITY INC

N/F
191 MERROW ROAD
BOTTLING GROUP LLC

PRC = STA. 242+43.27

RIPRAP DOWNSPOUT (TYP.)

REMOVE

EXISTING HYDRANT TO REMAIN

REMOVE

24" OPTION I
6" UD "B"
18'
15'
B11
242+00
243+00
244+00
MERROW ROAD CONSTRUCTION ℄
245+00
246+00
247+00
248+00
B12
6" UD "B"

N/F
194 MERROW RD
MGM, LLC
C/O HARRY E NASON INC

N/F
126 MERROW ROAD
ADVANTAGE PAYROLL SERVICES INC

PRC = STA. 248+63.68

PLAN

25 0 25 50
Scale of Feet

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

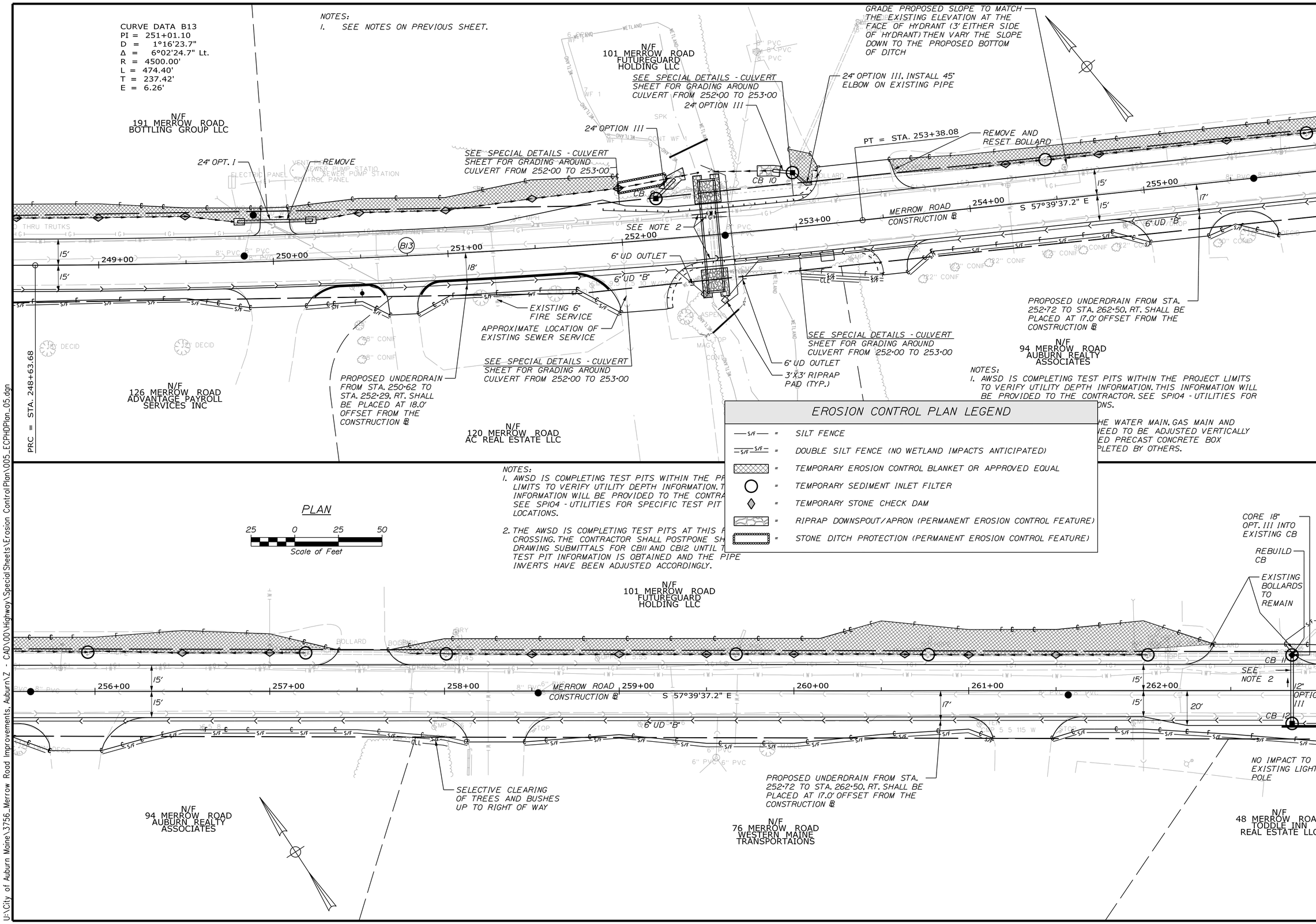
		BY	DATE
PROJ. MANAGER	K. BENNETT		
DESIGN-DETAILED	T. WARREN	E. ROBINSON	02\25
CHECKED-REVIEWED	J. WINCHENBACH	D. ETTINGER	02\25
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD
APPENDIX A
EROSION CONTROL PLANS

SHEET NUMBER
A4

Filename: ...\004_ECPHDPlan_04.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\Special Sheets\Erosion Control Plan\004_ECPHDPlan_04.dgn



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

		BY	DATE
PROJ. MANAGER	K. BENNETT		
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DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MERROW ROAD
APPENDIX A
EROSION CONTROL PLANS

SHEET NUMBER
A5

U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\Special Sheets\Erosion ControlPlan\005_ECPHDPlan_05.dgn
Filename: ...\005_ECPHDPlan_05.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025

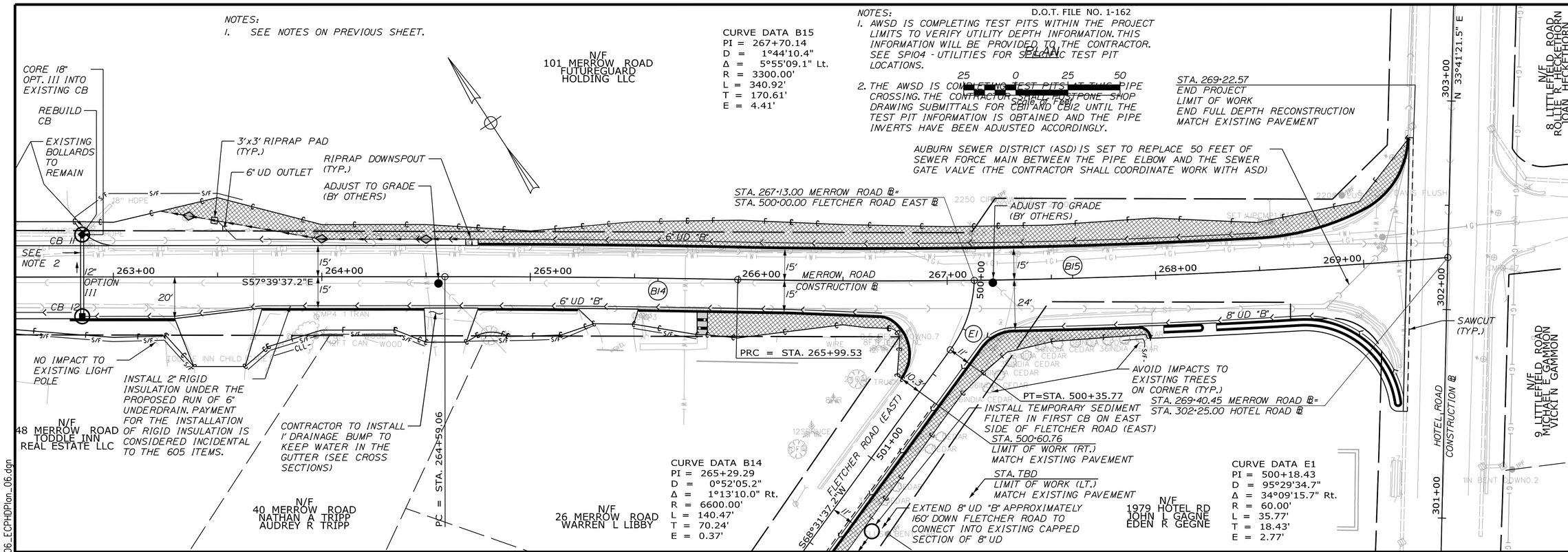
NOTES:
1. SEE NOTES ON PREVIOUS SHEET.

D.O.T. FILE NO. 1-162

NOTES:
1. AWSD IS COMPLETING TEST PITS WITHIN THE PROJECT LIMITS TO VERIFY UTILITY DEPTH INFORMATION. THIS INFORMATION WILL BE PROVIDED TO THE CONTRACTOR. SEE SP104 - UTILITIES FOR SPECIFIC TEST PIT LOCATIONS.
2. THE AWSD IS COMPLETING TEST PITS AT TWO PIPE CROSSING. THE CONTRACTOR SHALL POSTPONE SHOP DRAWING SUBMITTALS FOR CB11 AND CB12 UNTIL THE TEST PIT INFORMATION IS OBTAINED AND THE PIPE INVERTS HAVE BEEN ADJUSTED ACCORDINGLY.

25 0 25 50
SCALE IN FEET

CURVE DATA B15
PI = 267+70.14
D = 1°44'10.4"
Δ = 5°55'09.1" Lt.
R = 3300.00'
L = 340.92'
T = 170.61'
E = 4.41'



CURVE DATA B14
PI = 265+29.29
D = 0°52'05.2"
Δ = 1°13'10.0" Rt.
R = 6600.00'
L = 140.47'
T = 70.24'
E = 0.37'

CURVE DATA E1
PI = 500+18.43
D = 95°29'34.7"
Δ = 34°09'15.7" Rt.
R = 60.00'
L = 35.77'
T = 18.43'
E = 2.77'

EROSION CONTROL PLAN LEGEND

—s/f—	=	SILT FENCE
—s/f—s/f—	=	DOUBLE SILT FENCE (NO WETLAND IMPACTS ANTICIPATED)
	=	TEMPORARY EROSION CONTROL BLANKET OR APPROVED EQUAL
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	=	TEMPORARY STONE CHECK DAM
	=	RIPRAP DOWNSPOUT/APRON (PERMANENT EROSION CONTROL FEATURE)
	=	STONE DITCH PROTECTION (PERMANENT EROSION CONTROL FEATURE)

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

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DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE
P.E. NUMBER
DATE

AUBURN
MERROW ROAD

APPENDIX A
EROSION CONTROL PLANS

SHEET NUMBER
A6

Filename: ...\006_ECPHDPlan_06.dgn Division: HIGHWAY Username: Jared.Winchenbach Date:2/28/2025
U:\City of Auburn Maine\3756_Merrow Road Improvements, Auburn\Z - CAD\00\Highway\Special Sheets\Erosion Control Plan\006_ECPHDPlan_06.dgn