

Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

Filename: ... \00\Highway\001_Title.dgn

U:\3845_Mt Auburn Ave Improvements_Auburn\Z - CAD\00\Highway\001_Title.dgn

PLAN LEGEND

Town, County, State	_____	Catch Basins	Existing	Proposed
Property Lines	-----	Manholes	Existing	Proposed
R/W Lines-Existing	-----	Proposed Underdrain	-----	
R/W Lines-Proposed	-----	Proposed Ditch	-----	
Culvert-Existing	-----	Existing Ditch	-----	
Culvert Proposed	-----	Utility Poles	Existing	Proposed
Curbing	Existing Proposed	Fire Hydrants	Existing	Proposed
Type 1	-----	Existing Water Line	-----	
Type 3	-----	Existing San. Sewer	-----	
Type 5	-----	Existing San. Sewer Manhole	Existing	Proposed
Outline of Bodies of Water	-----	Guardrail-Existing	-----	
Exposed Bedrock	-----	Guardrail-Proposed	-----	
Buildings	-----	Guardrail-Cable, Other	-----	
Trees	Conifer Deciduous	Centerline-Existing	-----	
Tree Line	-----	Centerline-Proposed	-----	
Clearing Limit Line	-----	Travelway-Existing	-----	
Railroad	-----	Travelway-Proposed	-----	
Boring	HB-XXX-###	Probe	P-#. #X	
Pavement Core	PC-#	#. # = Depth		
Test Pit	TP-XXX-###	X = W (Weathered Rock)		
		R (Refusal)		
		NR (No Refusal)		

MT. AUBURN AVENUE

AUBURN, MAINE

ANDROSCOGGIN COUNTY

ROADWAY RECONSTRUCTION

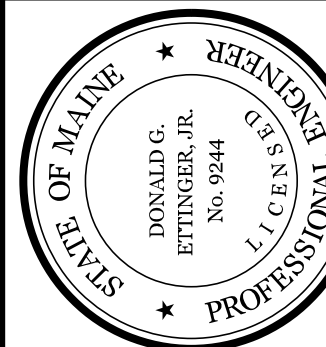
PROJECT LENGTH: 1.21 MILES

FULL DEPTH RECONSTRUCTION: 0.28 MILES
 RECLAIM AND ROADWAY REHABILITATION: 0.65 MILES
 1.5" HMA OVERLAY WITH MILL AND SHIM: 0.28 MILES

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2-3
Details Sheet	4
General Notes	5
Plan/Profile Sheets	6-15
Sideroad Profile Sheet	16
Signing and Striping Plans	17-21
Curbing Plans	22-26
Cross Sections	27-63
Mt. Auburn Ave Utility Extension Plans	Appendix A
Erosion Control Plans	Appendix B

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210



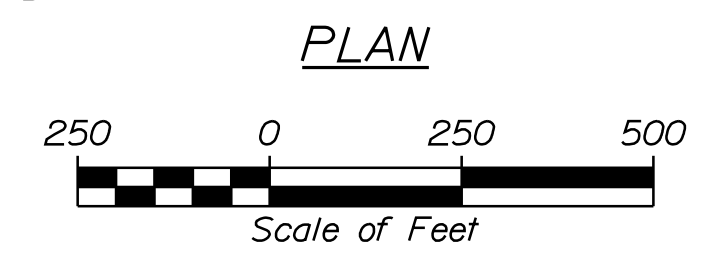
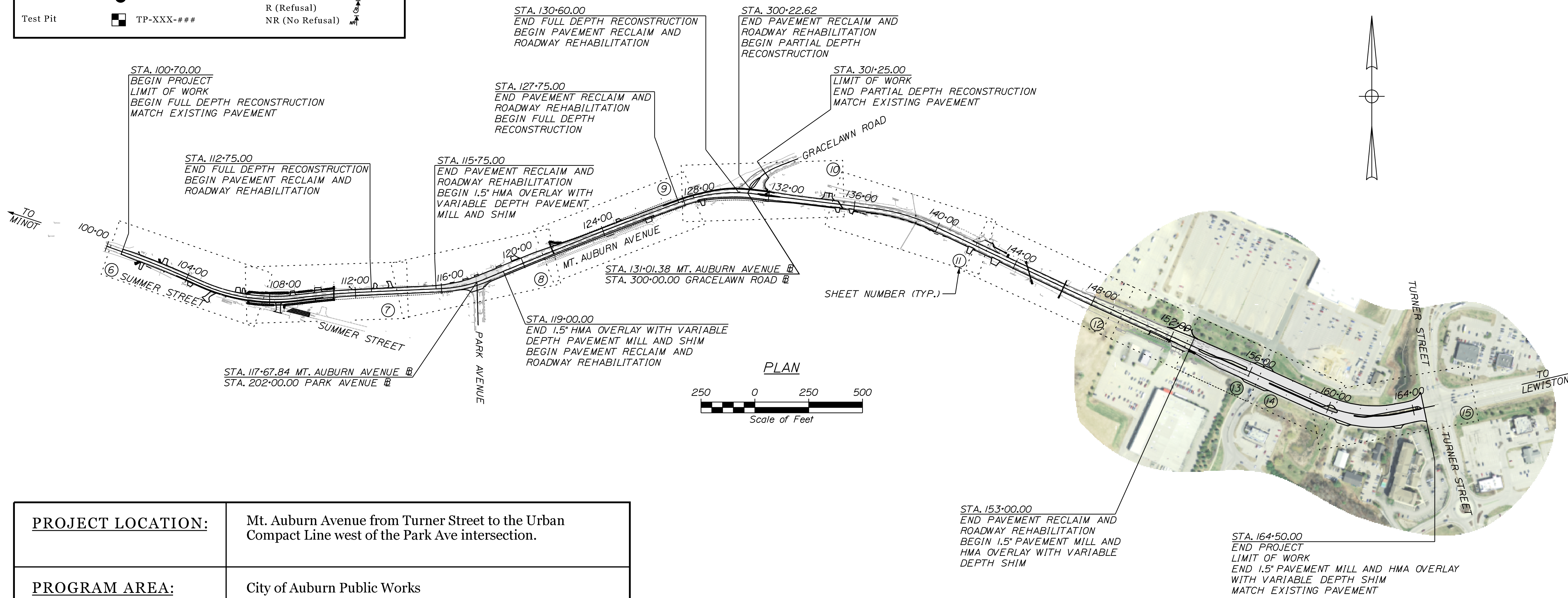
Signature: [Signature]
 Signature: 9244
 P.E. NUMBER: 05-06-2022
 DATE

PROJECT INFORMATION	
PROGRAM	PUBLIC WORKS
PROJECT MANAGER	A. BEAULIEU
DESIGNER	J. WINCHEBACH
CONSULTANT	GORRILL PALMER
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

AUBURN AVENUE
 MT. AUBURN AVENUE
 TITLE SHEET

SHEET NUMBER

1 OF 63



PROJECT LOCATION:	Mt. Auburn Avenue from Turner Street to the Urban Compact Line west of the Park Ave intersection.
PROGRAM AREA:	City of Auburn Public Works
SCOPE OF WORK:	Work assumes sections of full depth reconstruction, pavement reclaim and roadway rehabilitation, and pavement mill and overlay (see plans for specific limits). Work includes new gravels, pavement, curbing, drainage, striping, and a sidewalk on the south side of Mt. Auburn Avenue. Work also includes provisions for a left turn lane on Mt. Auburn Avenue, at the Gracelawn Road intersection.

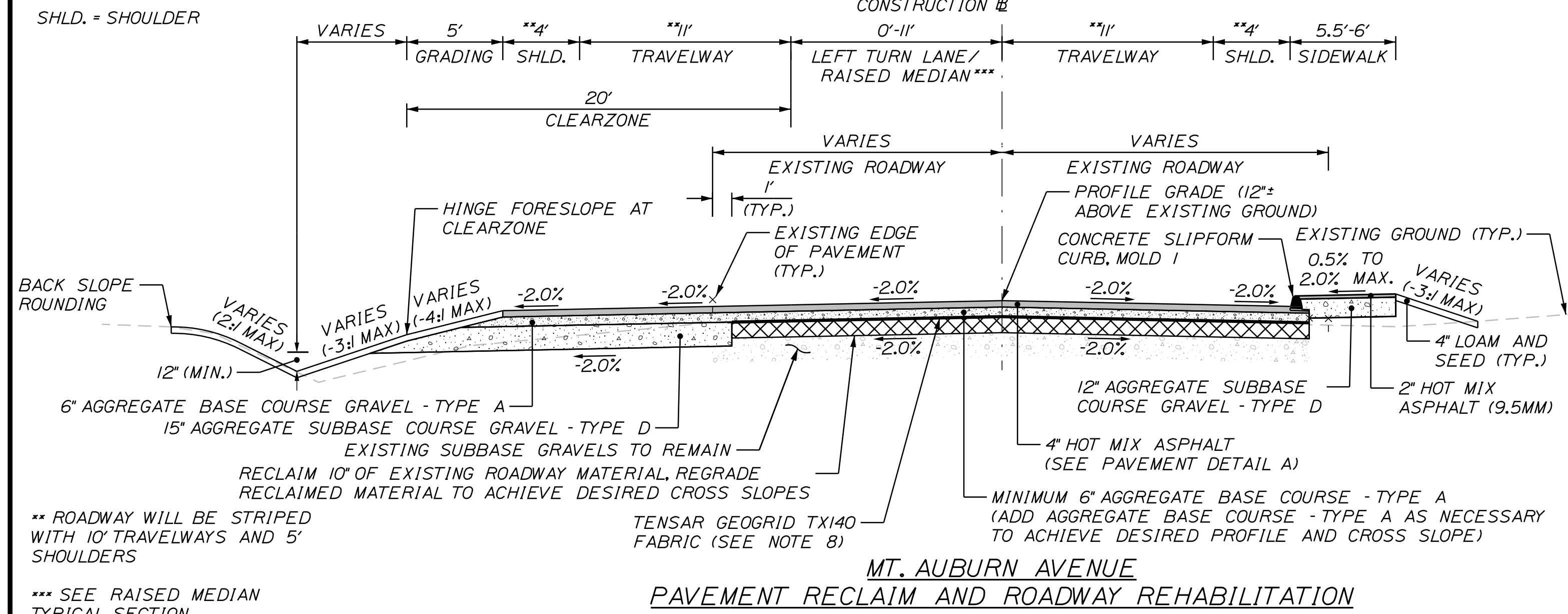
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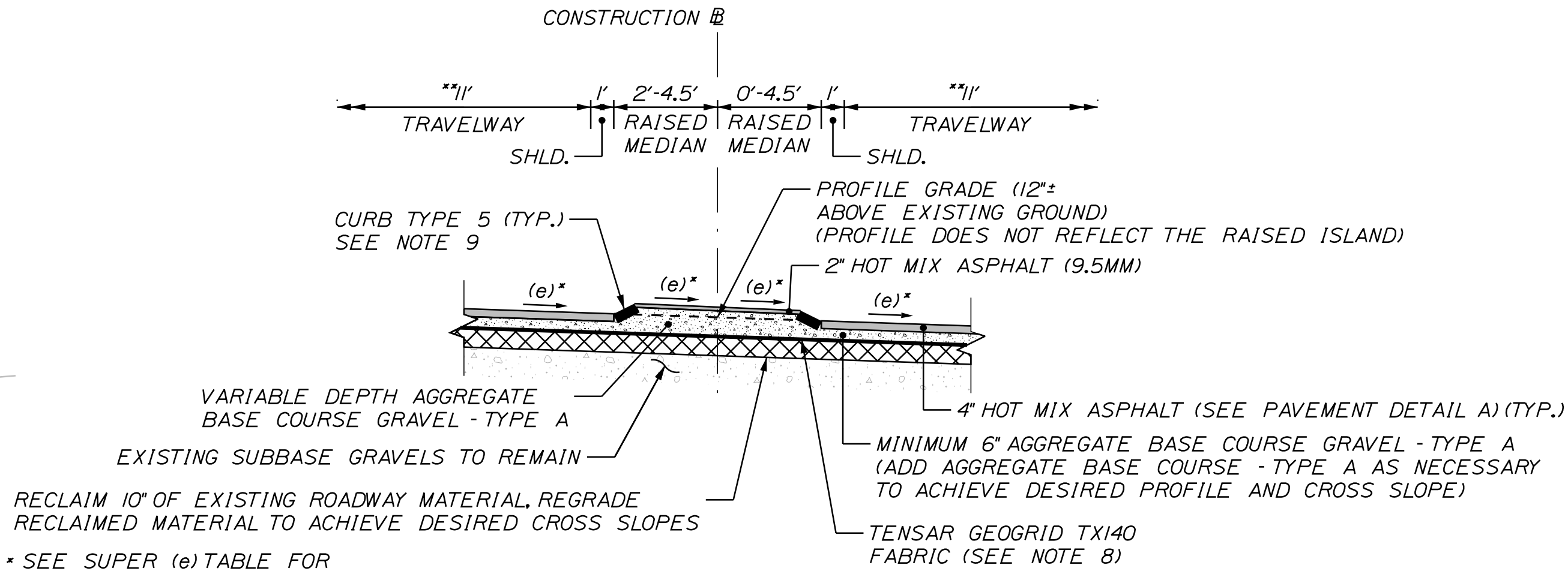
Division: HIGHWAY

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**MT. AUBURN AVENUE
PAVEMENT RECLAIM AND ROADWAY REHABILITATION
TYPICAL SECTION
NORMAL CROWN**
STA. 112+75 TO STA. 115+75
STA. 119+00 TO STA. 127+00
STA. 132+25 TO STA. 153+00



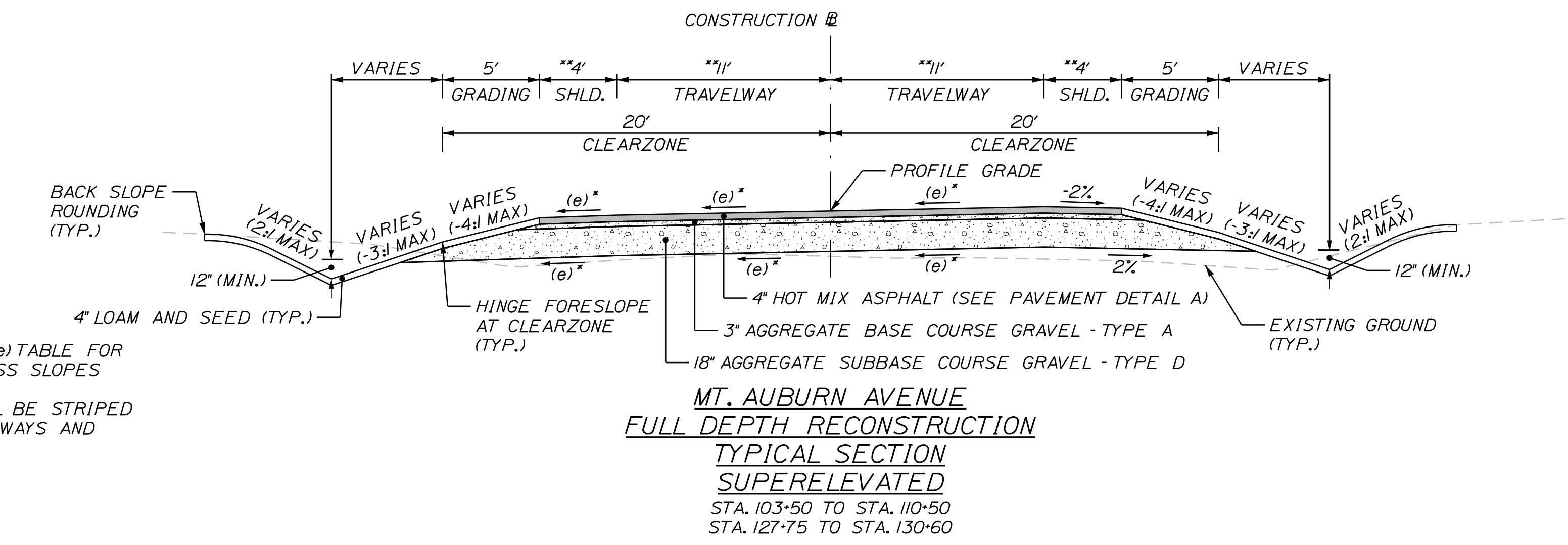
**MT. AUBURN AVENUE
RAISED MEDIAN
TYPICAL SECTION**
STA. 131+48 TO STA. 132+54

MT. AUBURN AVENUE SUPER (e) TABLE

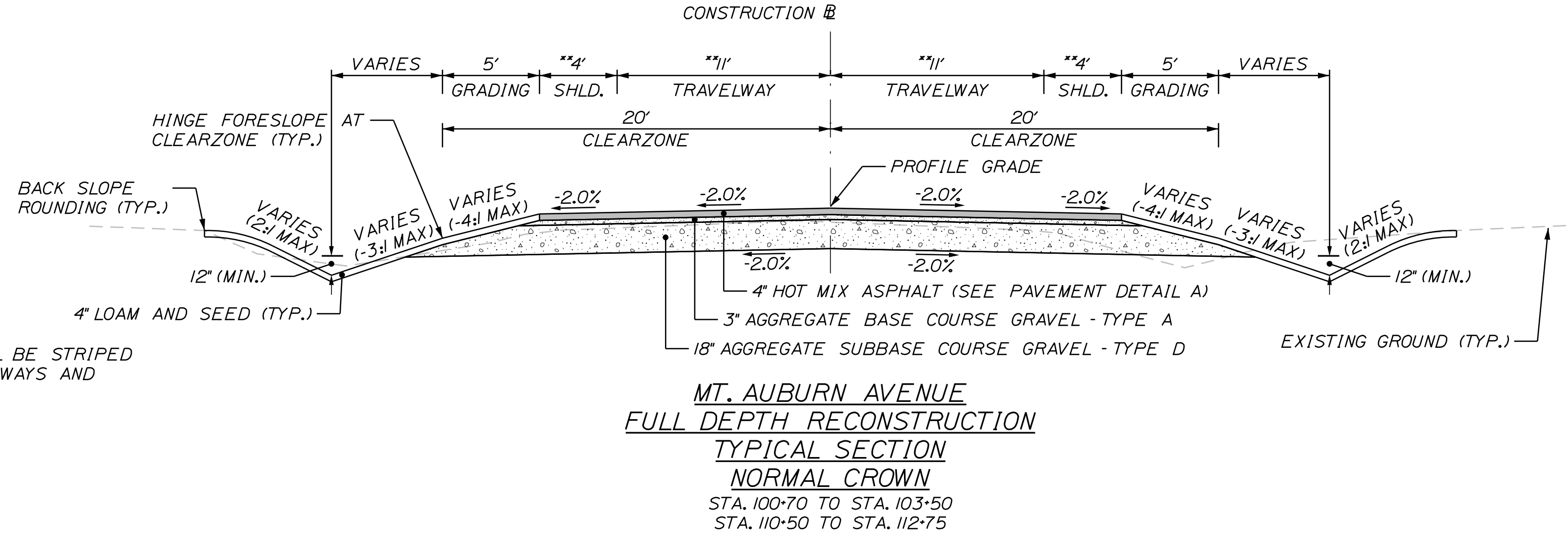
LEFT SHOULDER	LEFT TRAVELWAY	STATION	RIGHT TRAVELWAY	RIGHT SHOULDER
-2.00%	-2.00%	103+50.00	-2.00%	-2.00%
-2.00%	-2.00%	103+98.08	0.00%	-2.00%
-2.00%	-2.00%	104+00.00	0.08%	-2.00%
-2.00%	-2.00%	104+46.15	2.00%	-2.00%
-2.16%	-2.16%	104+50.00	2.16%	-2.00%
-3.20%	-3.20%	104+75.00	3.20%	-2.00%
TO				
-3.20%	-3.20%	109+25.00	3.20%	-2.00%
-2.16%	-2.16%	109+50.00	2.16%	-2.00%
-2.00%	-2.00%	109+53.85	2.00%	-2.00%
-2.00%	-2.00%	110+00.00	0.08%	-2.00%
-2.00%	-2.00%	110+01.92	0.00%	-2.00%
-2.00%	-2.00%	110+50.00	-2.00%	-2.00%
TO				
-2.00%	-2.00%	127+00.00	-2.00%	-2.00%
-2.00%	0.00%	127+50.00	-2.00%	-2.00%
-2.00%	2.00%	128+00.00	-2.00%	-2.00%
TO				
-2.00%	2.00%	131+25.00	-2.00%	-2.00%
-2.00%	1.00%	131+50.00	-2.00%	-2.00%
-2.00%	0.00%	131+75.00	-2.00%	-2.00%
-2.00%	-1.00%	132+00.00	-2.00%	-2.00%
-2.00%	-2.00%	132+25.00	-2.00%	-2.00%

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 TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
4. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
5. THE SHOULDER PAVEMENT THICKNESS SHALL BE THE SAME AS THE TRAVELWAY PAVEMENT THICKNESS FOR ALL ROADWAYS, UNLESS OTHERWISE NOTED.
6. SAWCUT LOCATIONS SHALL BE 2' INSIDE PROPOSED CURB OR EDGE OF EXISTING PAVEMENT, WHICHEVER IS CLOSEST TO THE CONSTRUCTION BASELINE. COORDINATE WORK WITH INSPECTOR.
7. BACK SLOPE ROUNDING SHALL BE ACCORDING TO MAINEDOT STANDARD DETAIL 203(103).
8. GEOGRID FABRIC TO BE USED ON THIS PROJECT SHALL BE TENSAR GEOGRID TX140. APPROVED EQUALS WILL NOT BE ALLOWED. A MINIMUM OF ONE FOOT (1') OVERLAP WILL BE REQUIRED OVER THE CENTERLINE OF THE ROAD. THE GEOGRID FABRIC SHALL BE PLACED ON THE GRADED AND COMPACTED RECLAIMED SECTION. CARE SHALL BE TAKEN TO NOT DISTURB THE FABRIC LAYER DURING GRAVEL PLACEMENT.
9. VERTICAL GRANITE CURB AND SLOPED GRANITE CURB SHALL BE SET IN CONCRETE IN ACCORDANCE WITH SPECIAL PROVISION 609. PAYMENT FOR CONCRETE WORK SHALL BE UNDER ITEM 609.50.



**MT. AUBURN AVENUE
FULL DEPTH RECONSTRUCTION
TYPICAL SECTION
SUPERELEVATED**
STA. 103+50 TO STA. 110+50
STA. 127+75 TO STA. 130+60



**MT. AUBURN AVENUE
FULL DEPTH RECONSTRUCTION
TYPICAL SECTION
NORMAL CROWN**
STA. 100+70 TO STA. 103+50
STA. 110+50 TO STA. 112+75

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	T. WARREN	DATE	05/22
DESIGN-DETAILED	J. WARREN	CHECKED-REVIEWED	J. FITZMAURICE	DATE	05/22
DESIGNS DET AILED	J. WUNDERBACH	DESIGNS DET AILED	D. ETTINGER	SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

AUBURN AVENUE
MT. AUBURN AVENUE
TYPICAL SECTIONS

SHEET NUMBER

2

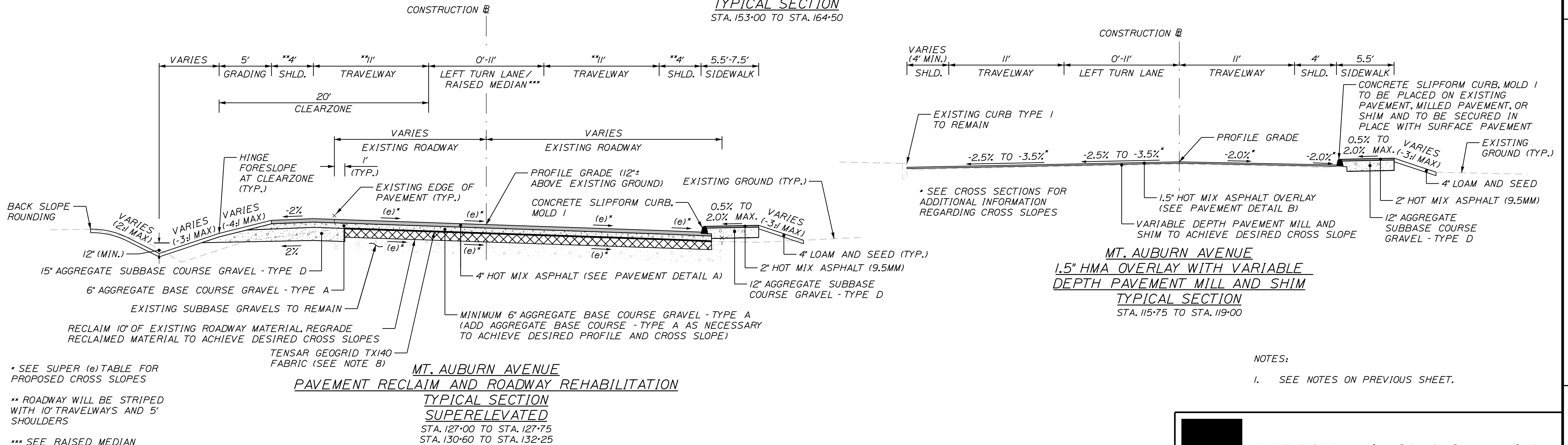
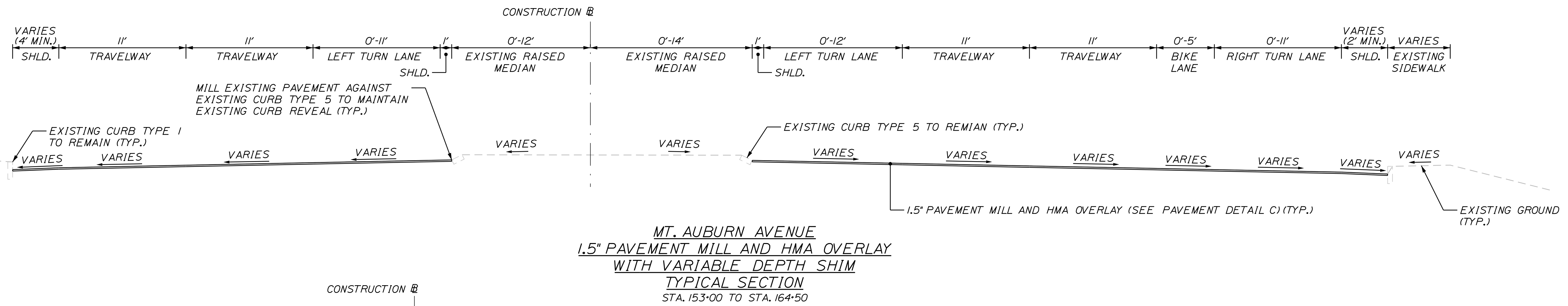
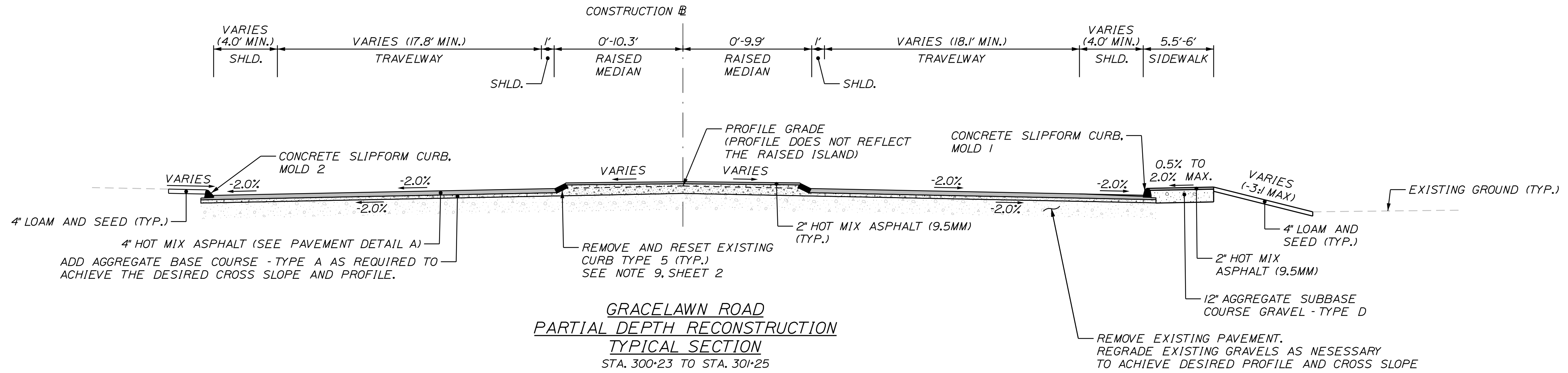
OF 63



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NOT TO SCALE

SHLD. = SHOULDER



NOTES:
1. SEE NOTES ON PREVIOUS SHEET.

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Username: Trey, Warren
Division: HIGHWAY

CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04210	
PROJ. MANAGER A. BEAULIEU	BY J. WARREN J. FITZMAURICE D. FITZINGER
CHECKED/REVIEWED J. WUNDERBACH	DATE 05/22
DESIGN/DETAILED	SIGNATURE
REVISIONS 1	P.E. NUMBER
REVISIONS 2	DATE
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	
AUBURN AVENUE MT. AUBURN AVENUE TYPICAL SECTIONS	
SHEET NUMBER 3 OF 63	

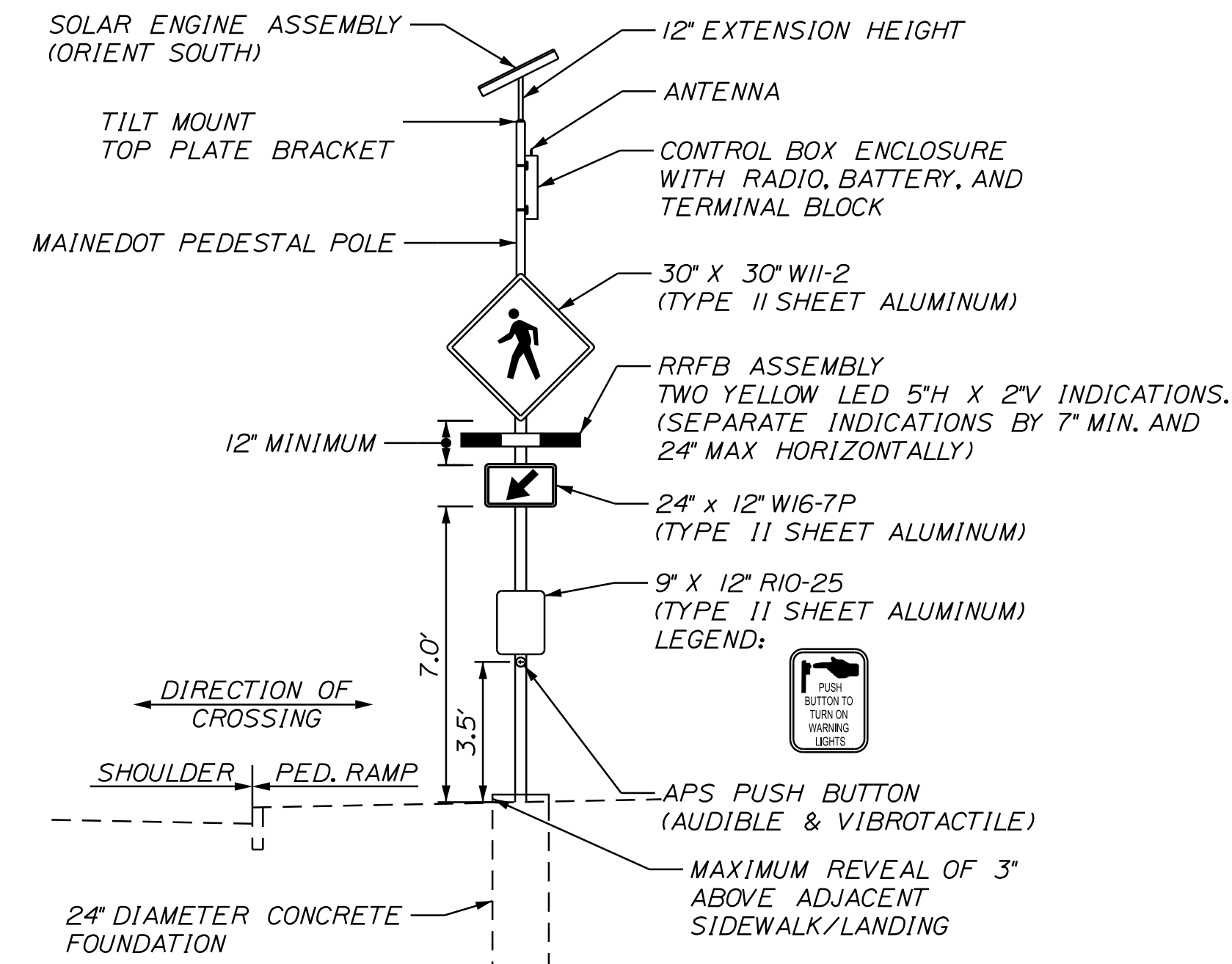
GP GORRILL PALMER

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SHLD. = SHOULDER

RECTANGULAR RAPID FLASHING BEACON NOTES:

1. RRFB GROUPINGS AT EACH CROSSWALK SHALL BE INTERCONNECTED WITH RADIO COMMUNICATIONS.
2. PEDESTRIAN PUSH BUTTONS SHALL BE ADA COMPLIANT AND BE INSTALLED AT 3.5 FEET ABOVE ADJACENT ACCESSIBLE SURFACE GRADE.
3. MAXIMUM ALLOWABLE REACH DISTANCE FOR PEDESTRIAN PUSH BUTTONS IS 10 INCHES. INSTALL EXTENSION BRACKETS IF REQUIRED. PAYMENT FOR EXTENSION BRACKETS WILL BE INCIDENTAL TO ITEM 643.62.
4. ACCESSIBLE PEDESTRIAN PUSH BUTTONS ON RRFB PEDESTAL POLES SHALL BE PROVIDED WITH A PUSH BUTTON LOCATOR TONE AND A SPEECH MESSAGE. SPEECH MESSAGES SHALL BE "MOUNT AUBURN AVENUE, YELLOW LIGHTS ARE FLASHING FOR MOUNT AUBURN AVENUE". SPEECH MESSAGES SHALL BE REPEATED AT LEAST TWICE FOR EACH PUSH BUTTON ACTIVATION.
5. LOCATIONS OF ANY EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE PRESENCE OF UNDERGROUND UTILITY FACILITIES PRIOR TO COMMENCING ANY EXCAVATION WORK OR INSTALLATION OF POLES, JUNCTION BOXES, CONDUIT, OR GROUND-MOUNTED SIGNAGE AND SHALL NOTIFY UTILITIES OF PROPOSED WORK IN ACCORDANCE WITH MRSA TITLE 23 SECTION 3360-A. MAINE "DIG SAFE" SYSTEM. CONTRACTOR SHALL CONTACT DIG SAFE AT LEAST THREE WORKING DAYS PRIOR TO THE BEGINNING OF EXCAVATION. ALL UTILITIES SHALL BE LOCATED BEFORE BEGINNING EXCAVATION.
6. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY OPERATIONS ARE CONDUCTED THAT POTENTIALLY COULD CONFLICT WITH AERIAL UTILITIES.
7. SPECIFIED RRFB ASSEMBLY LOCATIONS ARE MEASURED TO THE CENTER OF THE PEDESTAL POLE/FOUNDATION.
8. ALL FIELD WIRING SHALL BE NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS SECURELY ATTACHED TO EACH CABLE.
9. THE MAINTENANCE OF RRFB ASSEMBLIES AND FLASHING SIGNAGE SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY THE INSPECTOR.
10. THIS PROJECT REQUIRES THREE RECTANGULAR RAPID FLASHING BEACON POLE ASSEMBLIES PER MID-BLOCK CROSSING LOCATION. W11-2 AND W16-7P SIGNS AND FLASHERS SHALL BE INSTALLED IN ONE DIRECTION ON THE RRFB'S LOCATED AT THE ROADWAY EDGES AND IN BOTH DIRECTIONS ON THE RRFB LOCATED IN THE ROADWAY MEDIAN.
11. W11-2 AND W16-7P SIGNS SHALL BE FLUORESCENT YELLOW-GREEN BACKGROUND COLOR.
12. SEE SPECIAL PROVISION 643.

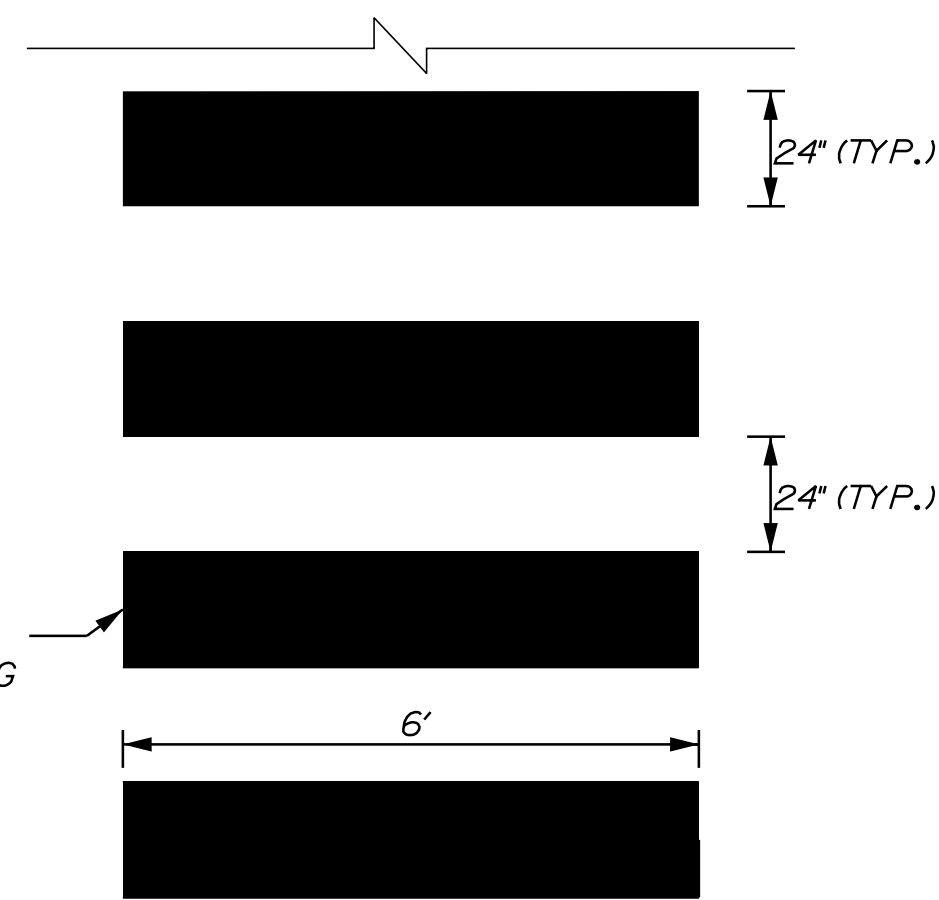


RECTANGULAR RAPID FLASHING BEACON DETAIL (SOLAR POWERED, RADIO ACTIVATED)

NOTES:

1. FLASH DURATION FOR CROSSING SHALL BE 25 SECONDS.
2. INSTALL RIO-25 SIGNAGE AND PUSH BUTTON TO ALIGN TO DIRECTION OF CROSSING.
3. ALIGN W11-2 RRFB ASSEMBLY AND W16-7P TO FACE TRAFFIC.
4. ALL LIGHTS AND PEDESTRIAN PUSH BUTTONS SHALL BE JSF TECHNOLOGIES OR EQUAL.

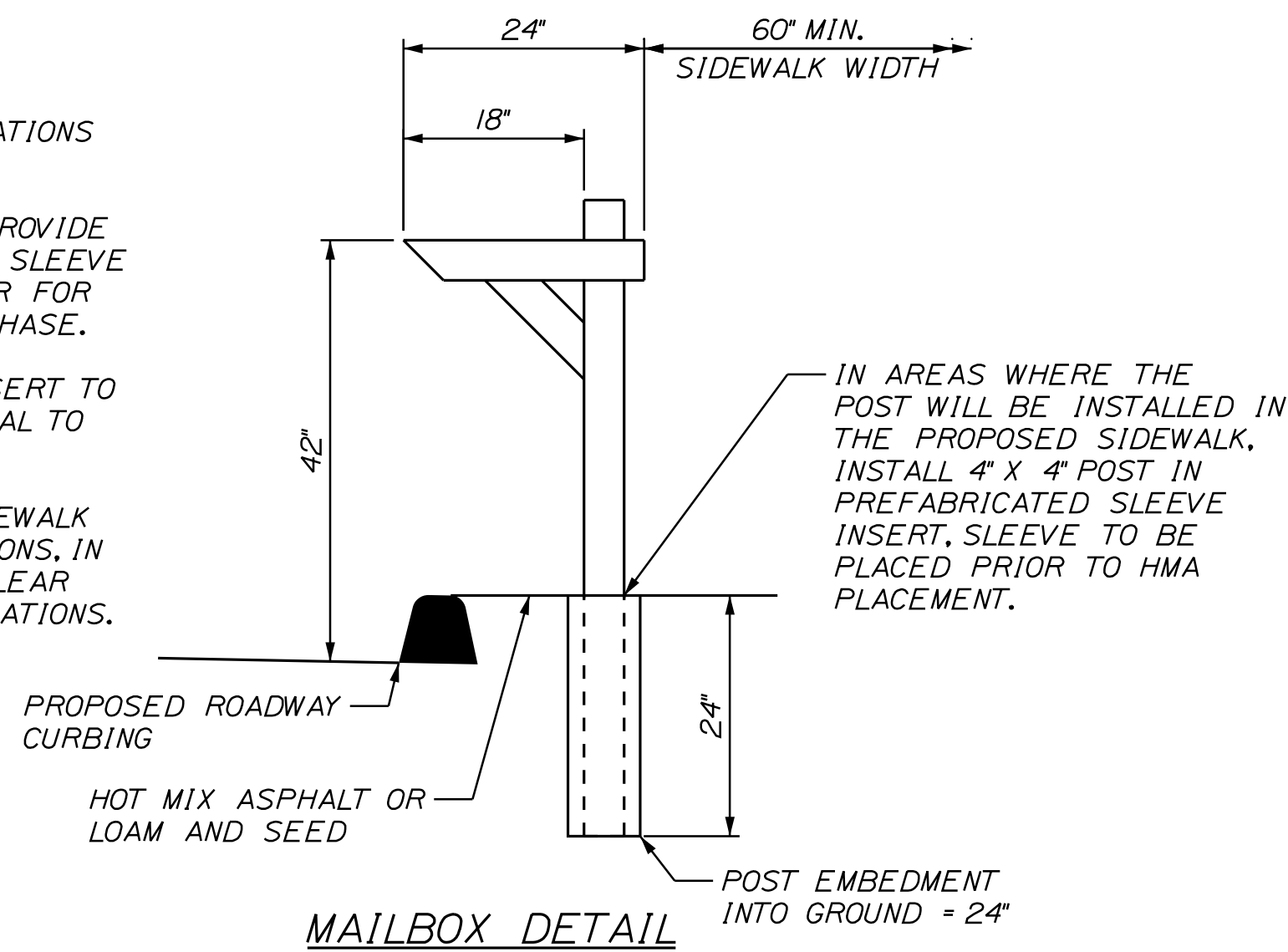
NON-SLIP WHITE CROSSWALK STRIPING REFLECTIVE PAINT



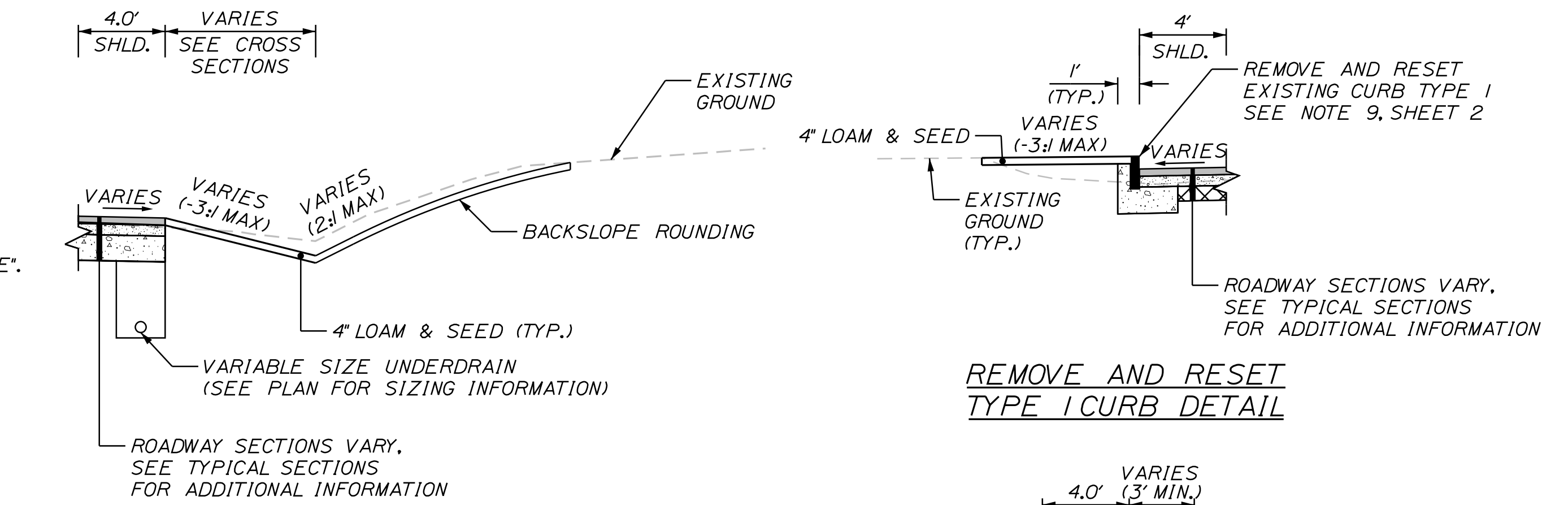
CROSSWALK STRIPING DETAIL

MAILBOX DETAIL NOTES:

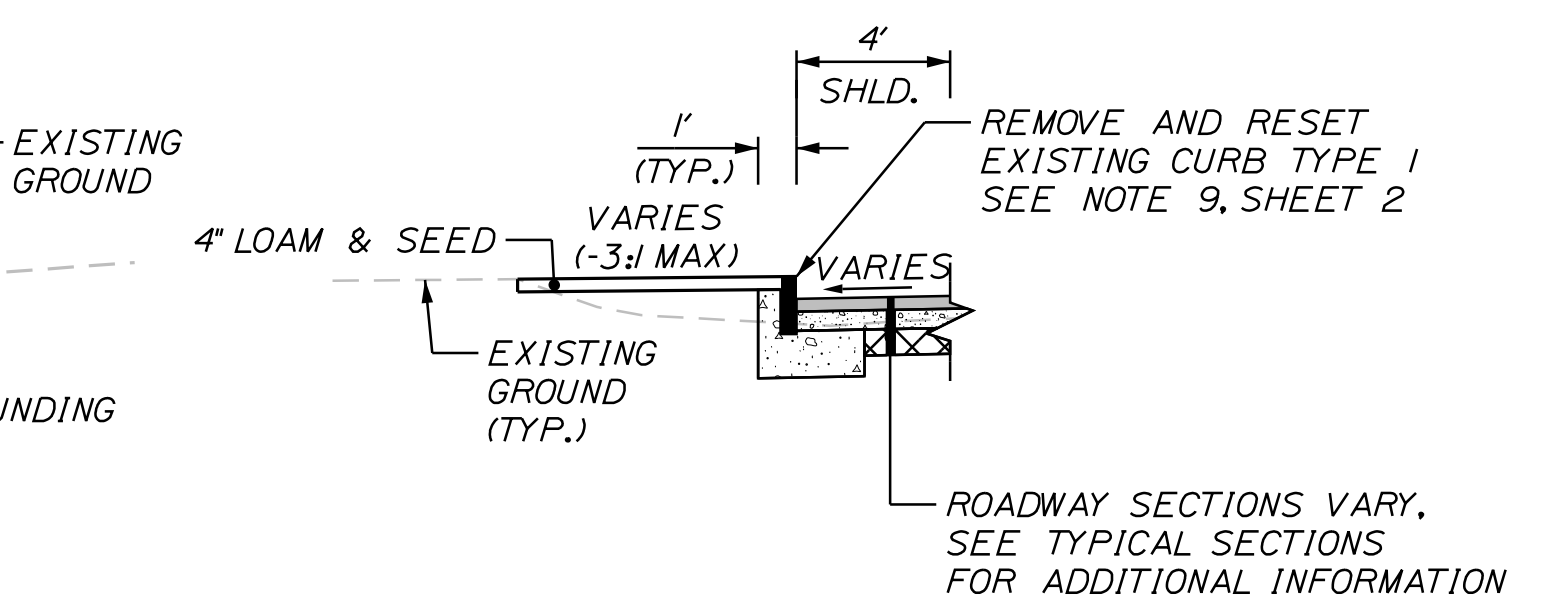
1. COORDINATE MAILBOX LOCATIONS WITH THE INSPECTOR.
2. THE CONTRACTOR SHALL PROVIDE A SHOP DRAWING OF THE SLEEVE INSERT TO THE INSPECTOR FOR APPROVAL PRIOR TO PURCHASE.
3. PAYMENT FOR SLEEVE INSERT TO BE CONSIDERED INCIDENTAL TO PAY ITEM 606.47.
4. PROVIDE 7.0' OVERALL SIDEWALK WIDTH AT MAILBOX LOCATIONS, IN ORDER TO PROVIDE 5.0' CLEAR WIDTH. SEE PLAN FOR LOCATIONS.



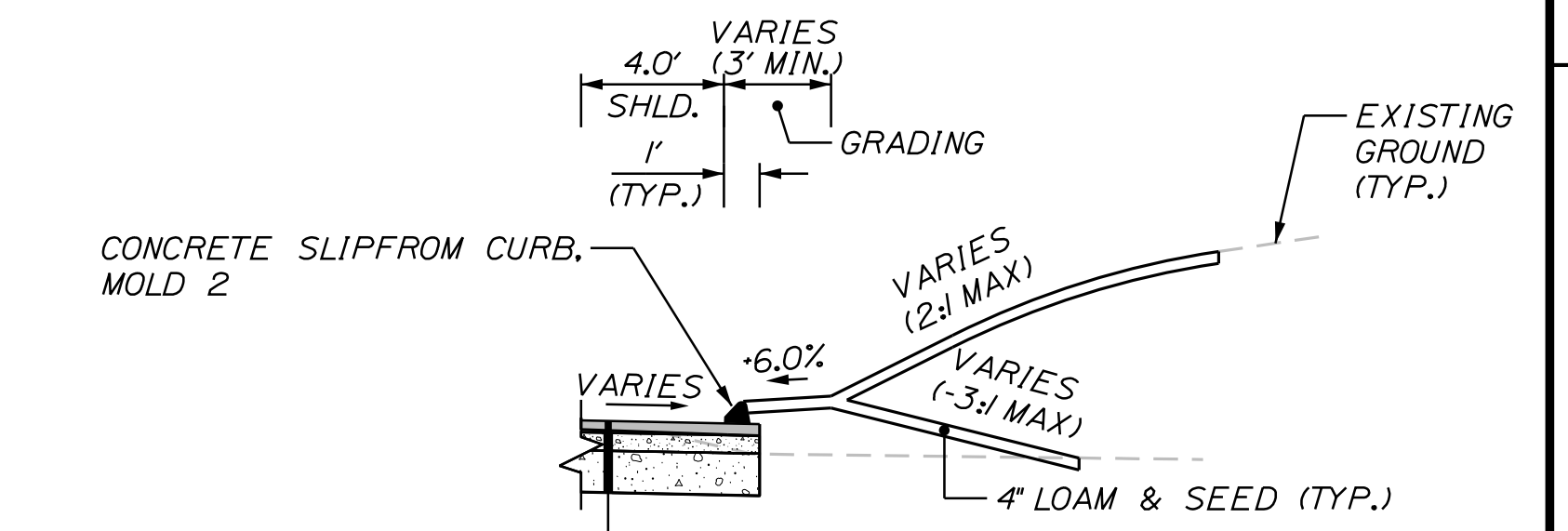
MAILBOX DETAIL



SHALLOW DITCH WITH UNDERDRAIN DETAIL

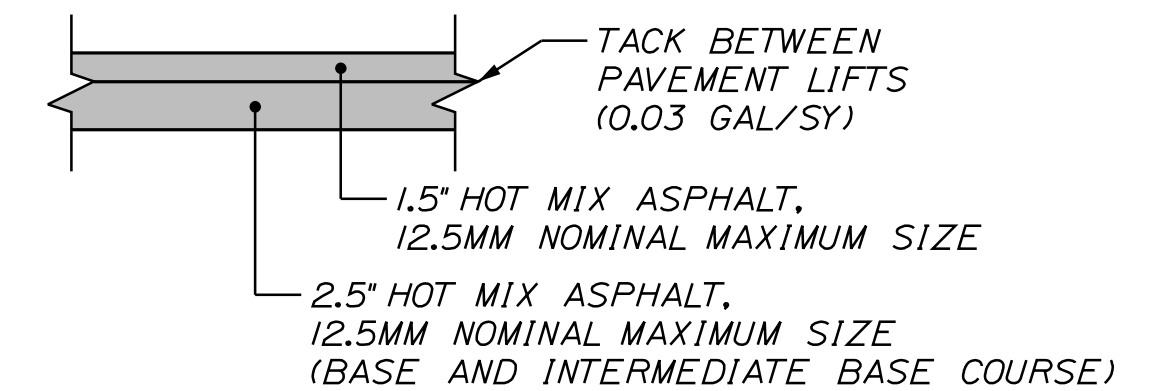


REMOVE AND RESET TYPE I CURB DETAIL

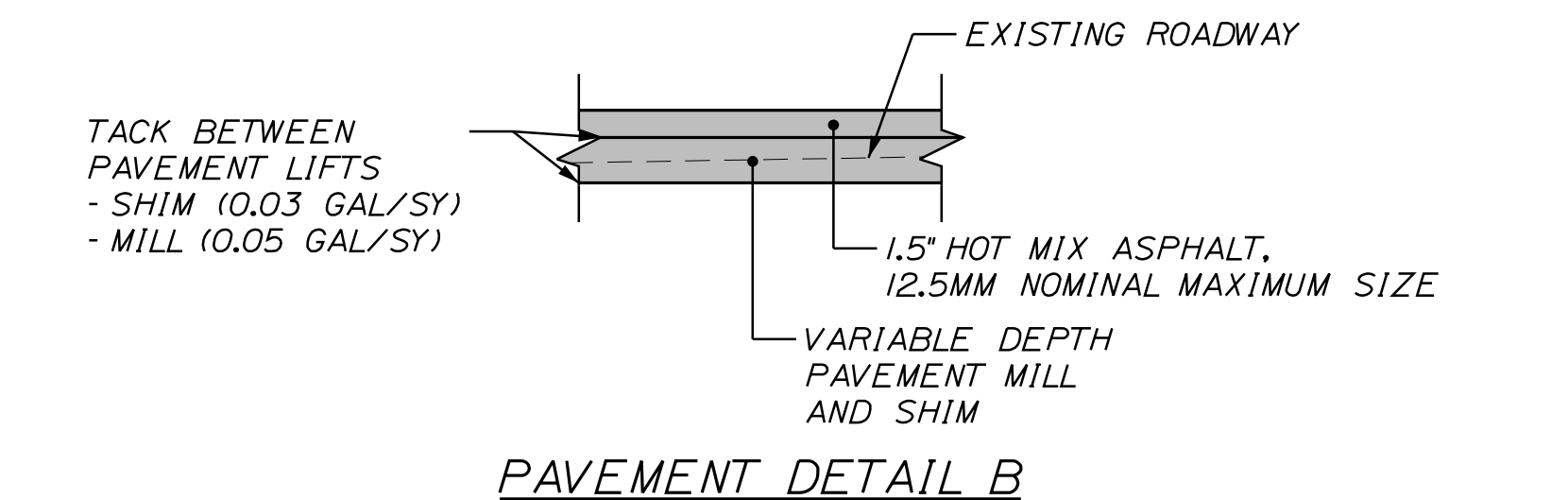


CURB DETAIL

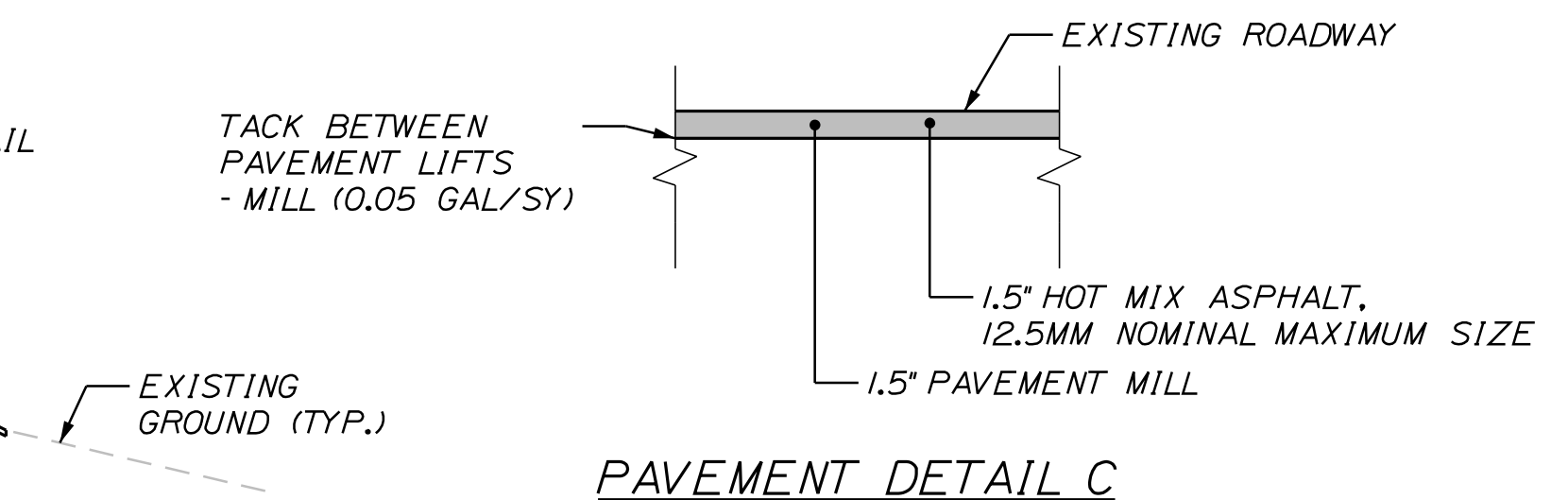
ROADWAY SECTIONS VARY, SEE TYPICAL SECTIONS FOR ADDITIONAL INFORMATION



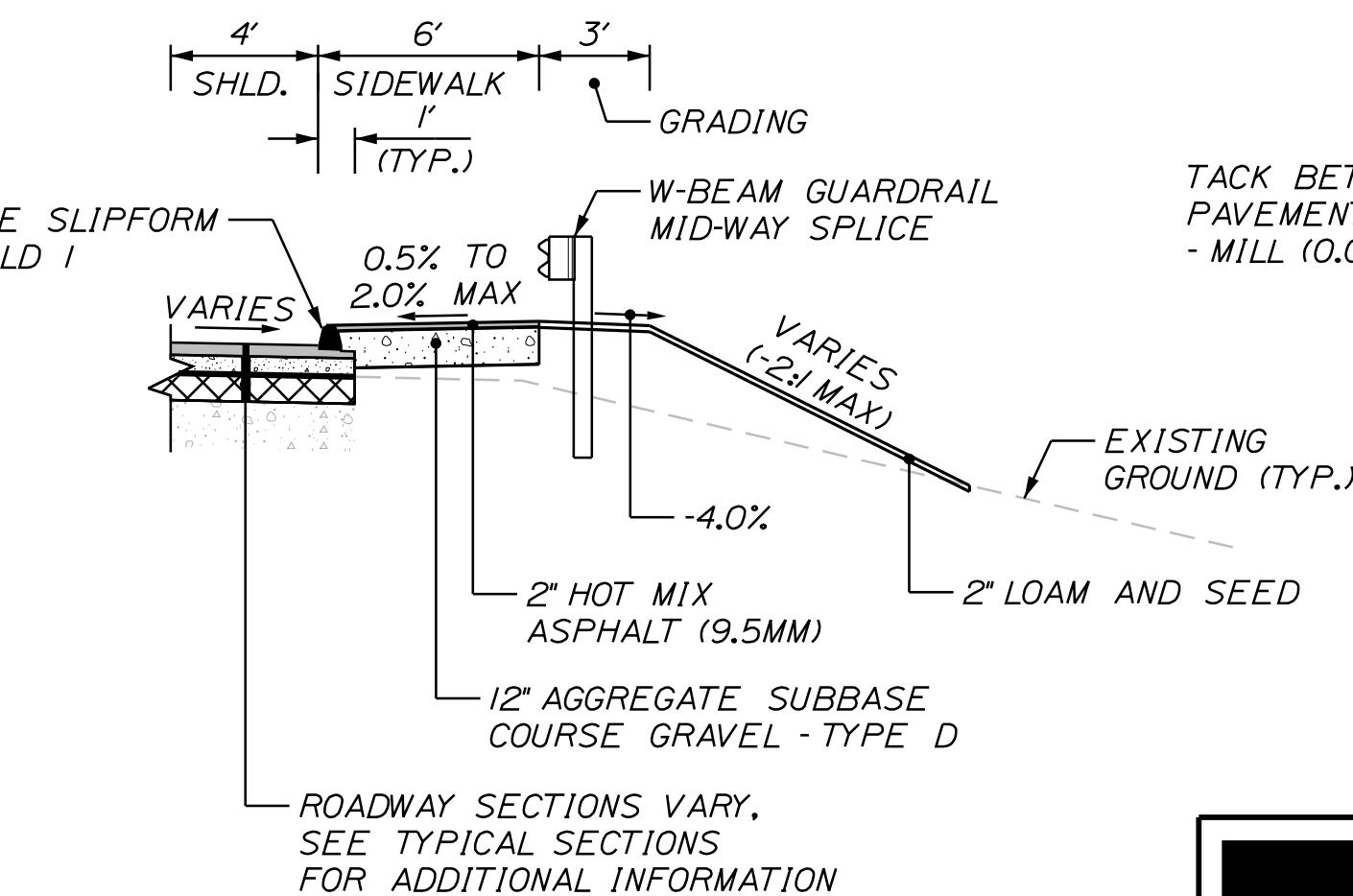
PAVEMENT DETAIL A



PAVEMENT DETAIL B



PAVEMENT DETAIL C



SIDEWALK WITH GUARDRAIL DETAIL



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60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	J. WARREN	J. FITZMAURICE	DATE	05/22	05/22	SIGNATURE
CHECKED/REVIEWED	J. WARDENBACH	D. ETTINGER						
DESIGN/DETAILS								
REVISIONS	1							
REVISIONS	2							
REVISIONS	3							
REVISIONS	4							
FIELD CHANGES								

MT. AUBURN AVENUE
DETAILS SHEET

SHEET NUMBER

4

OF 63

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Filename: ...\\00\Highway\004_Details01.dgn

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NOT TO SCALE

GENERAL NOTES:

1. THE UTILITIES INVOLVED IN THIS CONTRACT ARE NOTED IN SPECIAL PROVISION 104.
2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITY UNLESS OTHERWISE NOTED.
3. 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.
4. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE INSPECTOR.
5. GRUBBING IN FILL AREAS ARE NOT SHOWN ON THE CROSS SECTIONS. ACTUAL GRUBBING LIMITS SHALL BE FIELD DETERMINED AS DIRECTED BY THE INSPECTOR.
6. ANY NECESSARY FINE GRADING OR RECOMPACTION OF EXISTING GRAVEL SHALL NOT BE PAID FOR DIRECTLY AND SHALL BE CONSIDERED INCIDENTAL TO ITEM 304.10.
7. PAVEMENT CUT LINES SHALL BE NEAT, CLEAN AND STRAIGHT AS DIRECTED BY THE INSPECTOR. PAYMENT FOR CUTTING OF EXISTING PAVEMENT SHALL BE INCIDENTAL TO 403 ITEMS.
8. REMOVAL OF EXISTING CURBING SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 - COMMON EXCAVATION.
9. LOAM HAS BEEN ESTIMATED FOR 100% OF THE DISTURBED SLOPE AREA. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS DIRECTED BY THE INSPECTOR.
10. LOAM SHALL BE TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
11. MULCH SHALL BE APPLIED IN AREAS SEEDED.
12. ALL DITCH ELEVATIONS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISH DITCH FLOW LINE.
13. ANY DAMAGE TO EXISTING SLOPES AND PAVEMENT AREAS 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.
14. DO NOT EXCAVATE FOR AGGREGATE SUBBASE COURSE WHERE EXISTING MATERIAL IS SUITABLE AS DETERMINED BY THE INSPECTOR.
15. IN AREAS WHERE THE INSPECTOR DIRECTS THE CONTRACTOR NOT TO EXCAVATE TO THE SUBGRADE LINE SHOWN ON THE PLANS, PAYMENT FOR REMOVING EXISTING PAVEMENT, GRUBBING, SHAPING, DITCHING, AND COMPACTING THE EXISTING SUBBASE AND LAYERS OF NEW SUBBASE 6 INCHES OR LESS THICK WILL BE MADE UNDER APPROPRIATE EQUIPMENT RENTAL ITEMS.
16. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION AREAS.
17. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE INSPECTOR. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
18. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
19. 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.
20. BI-C CATCH BASINS SHALL BE SHAPE I WITH HAUNCHED CONE, AS PER MAINE DOT STANDARD DETAILS, UNLESS OTHERWISE NOTED ON THE PLANS.
21. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE INSPECTOR.
22. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6-INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL.
23. A 3 FT. X 3 FT. SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT UNDERDRAIN OUTLETS.
24. A DELINEATOR (ITEM 606.356) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.
25. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, LATEST EDITION.
26. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
27. THE CITY OF AUBURN SHALL HAVE THE RIGHT AND AUTHORITY TO DETERMINE THE ACCEPTABILITY 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.

28. ALL WORK TO CONFORM TO CURRENT MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD DETAILS, AND CITY OF AUBURN REQUIREMENTS.
29. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
30. 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. THE PLAN SHALL BE SPECIFIC TO THE PROJECT CONDITIONS.
31. 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.
32. 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., F.H.W.A., LATEST EDITION.
33. 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.
34. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE INSPECTOR.
35. STATIONS REFERENCED ARE APPROXIMATE.
36. PROPOSED SAWCUT AND BOX GRAVEL LOCATIONS ARE SUBJECT TO CHANGE AT THE DIRECTION OF THE INSPECTOR.
37. DRIVEWAY FILL SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.
38. REQUIRED STONE DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF STONE DITCH PROTECTION MAY BE ALTERED BY THE INSPECTOR.
39. 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.
40. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12" AGGREGATE SUBBASE COURSE GRAVEL.
41. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" HOT MIX ASPHALT AND 11" AGGREGATE SUBBASE COURSE GRAVEL.
42. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL OR 11" AGGREGATE SUBBASE COURSE GRAVEL AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.
43. A 3' PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR BY THE INSPECTOR.
44. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE INSPECTOR.
45. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE INSPECTOR UNDER THE APPROPRIATE PAY ITEMS.
46. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE INSPECTOR.
47. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 604.
48. ANY NECESSARY CUTTING OF CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603 OR 605.
49. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES.
50. 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.
51. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH END OF A RUN OF CONCRETE SLIPFORM CURB (NOT INCLUDING AREAS WITH SIDEWALKS).
52. 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.
53. PROPOSED POLE LOCATIONS ARE APPROXIMATE, AND NOTED IN THE CROSS SECTIONS. FINAL POLE LOCATIONS WILL BE DETERMINED BY CMP IN THE FIELD.
54. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED ON ALL PAVED ISLANDS.

55. 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.
56. THE CONTRACTOR SHALL CONTACT DIG-SAFE AND APPROPRIATE AUTHORITIES PRIOR TO ANY SUBSURFACE ACTIVITIES.
57. ALL PAVED WALKS SHALL BE CONSTRUCTED WITH 2 INCHES OF HOT MIX ASPHALT AND 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.
58. 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.
59. CONTRACTOR SHALL SUBMIT EROSION CONTROL PLANS TO DEP. COORDINATE WORK WITH INSPECTOR.
60. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE INSPECTOR.
61. 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.
62. THE CONTRACTOR SHALL PLACE SUITABLE EXISTING OR OTHER MATERIAL ACCEPTABLE TO THE INSPECTOR ON ALL PAVEMENT EDGES TO ALLOW A DROP OFF NO GREATER THAN THE SURFACE PAVEMENT THICKNESS. THE MATERIAL SHALL BE GRADED TO MATCH THE EXISTING INSLOPE OR AS DIRECTED BY THE INSPECTOR BEFORE SURFACE IS PLACED.
63. 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.
64. THE PLACEMENT OF BITUMINOUS PAVING MATERIALS SHALL BE SUBJECT TO ALL OF THE WEATHER AND SEASONAL LIMITATIONS OUTLINED IN MAINE DOT STANDARD SPECIFICATIONS.
65. CONSTRUCTION SHALL NOT COMMENCE UNTIL AUTHORIZED BY THE CITY OF AUBURN.
66. GRANITE CURBING (VERTICAL AND SLOPED) SHALL BE INSTALLED IN A CONCRETE BASE. SEE SPECIAL PROVISION 609. PAYMENT FOR CONCRETE WORK SHALL BE UNDER ITEM 609.50.
67. PAYMENT FOR PAVEMENT AND CONCRETE REMOVAL WHERE SHOWN ON PLANS SHALL BE PAID FOR UNDER ITEM 203.20, COMMON EXCAVATION.
68. REMOVAL OF EXISTING DRAINAGE, AS NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20, COMMON EXCAVATION.
69. ALL GRANITE CURBING THAT IS REMOVED AND STACKED AND NOT REUSED ON THE PROJECT SHALL BE TURNED OVER TO THE CONTRACTOR.
70. ALL PEDESTRIAN RAMPS SHALL BE 6 FT. WIDE MINIMUM OR AS SHOWN ON PLANS.
71. DETECTABLE WARNING FIELDS SHALL BE INSTALLED AT EACH CURB RAMP ADJACENT TO A MARKED CROSSWALK. ACTUAL PAYMENT FOR ITEM 608.26 SHALL INCLUDE ALL CONCRETE BORDER WORK REQUIRED BY THE DETAILS.
72. NEW SIDEWALK AND RAMPS SHALL BE ADA COMPLIANT. SIDEWALK SHALL BE BUILT WITH A CROSS SLOPE OF 0.5% - 2.0% (MINIMUM - MAXIMUM). MAXIMUM RAMP RUNNING SLOPE SHALL BE 1:12 (8.3%).
73. IT IS THE CONTRACTORS RESPONSIBILITY TO FAMILIARIZE THEMSELVES WITH THE EXISTING CONDITIONS PRIOR TO BIDDING.
74. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
75. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND WILL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.
76. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.
77. 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.

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEALLEU	BY	J. FITZWARRE	DATE	05/22
DESIGN-DETAILED	T. WARREN	CHECKED-REVIEWED	J. WINCHENBACH	SIGNATURE	
DESIGN-DETAILED		DESIGN-DETAILED	D. LETTINGER	P.E. NUMBER	
REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

AUBURN AVENUE
MT. AUBURN AVENUE
GENERAL NOTES

SHEET NUMBER
5
OF 63

Date: 5/6/2022

Username: Trey, Warren

Division: HIGHWAY

Filename: ... \00\Highway\005_GenNotes.dgn

U:\3845_Mt Auburn Ave Improvements_Auburn.V - CAD\00\Highway\005_GenNotes.dgn

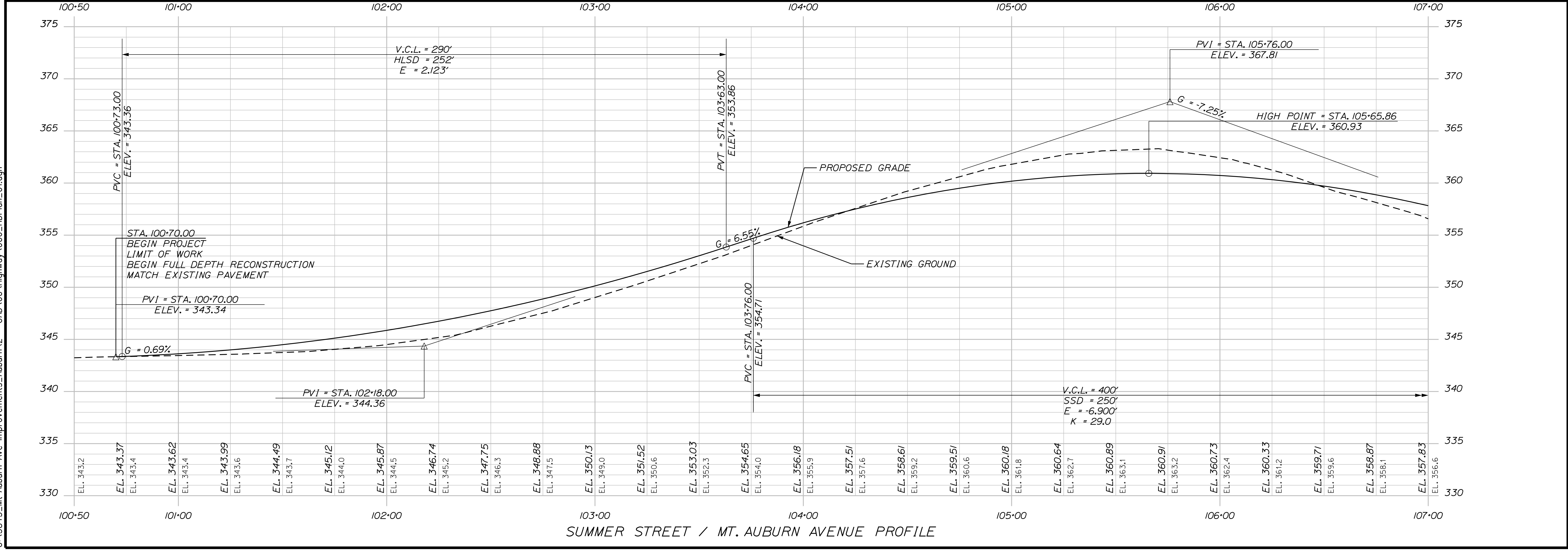
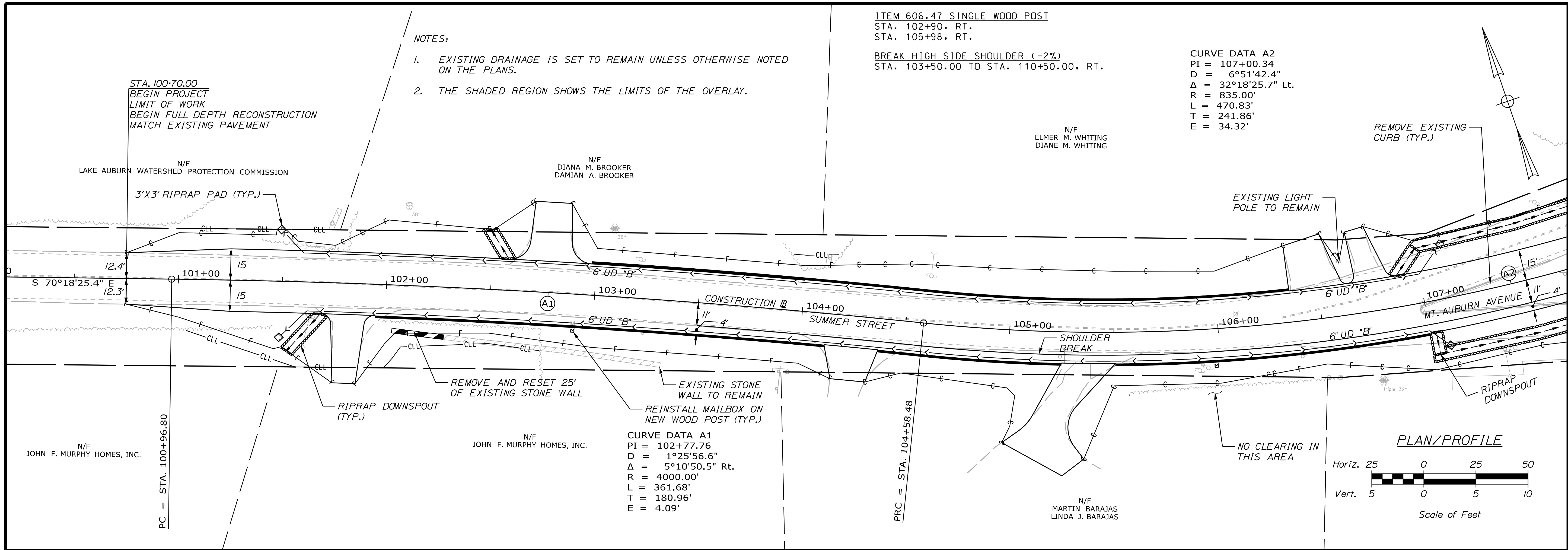
Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

Filename: ...\\00\Highway\006_HDPlan_01.dgn

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CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
 MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
6
 OF 63

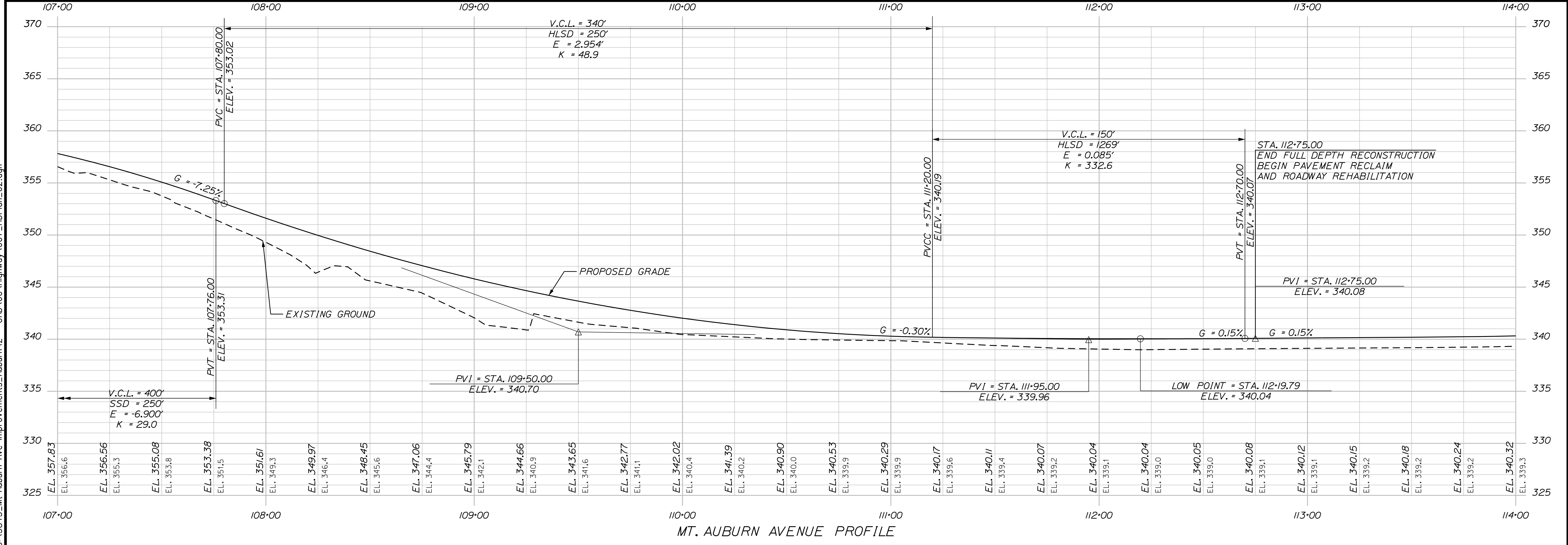
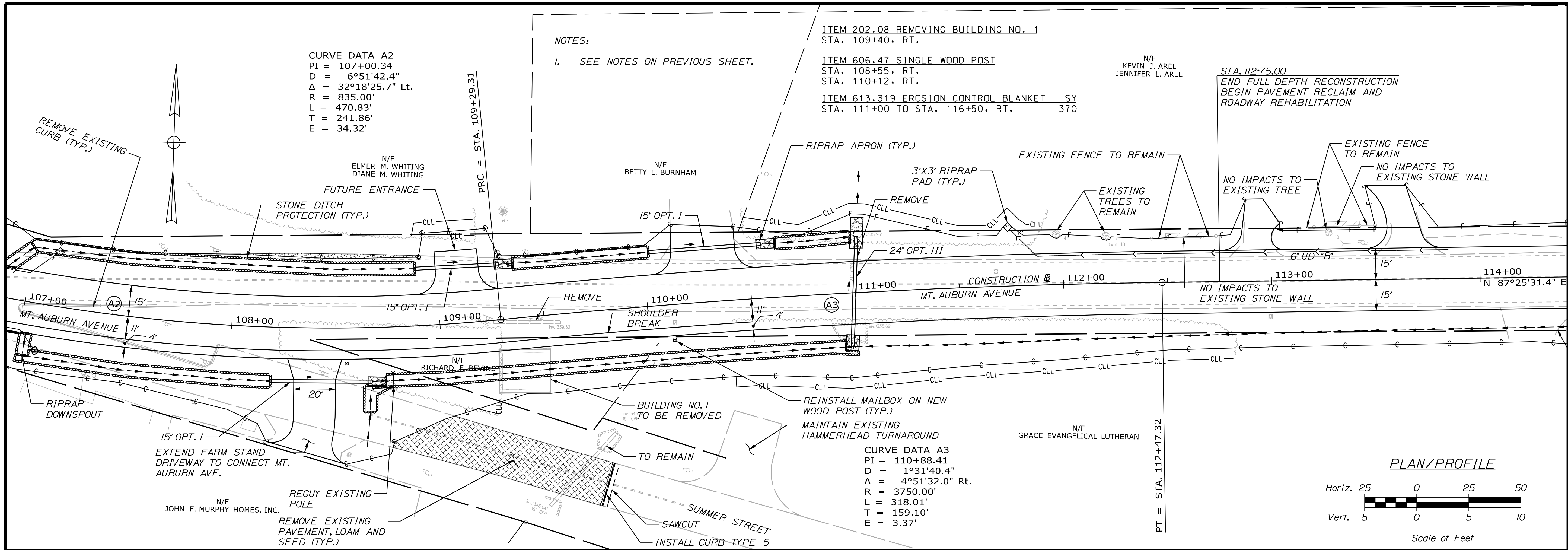
Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

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NOTES:
 I. SEE NOTES ON PREVIOUS SHEET.

ITEM 202.08 REMOVING BUILDING NO. 1
 STA. 109+40, RT.
 ITEM 606.47 SINGLE WOOD POST
 STA. 108+55, RT.
 STA. 110+12, RT.
 ITEM 613.319 EROSION CONTROL BLANKET SY
 STA. 111+00 TO STA. 116+50, RT. 370

CURVE DATA A2
 PI = 107+00.34
 D = 6°51'42.4"
 Δ = 32°18'25.7" Lt.
 R = 835.00'
 L = 470.83'
 T = 241.86'
 E = 34.32'

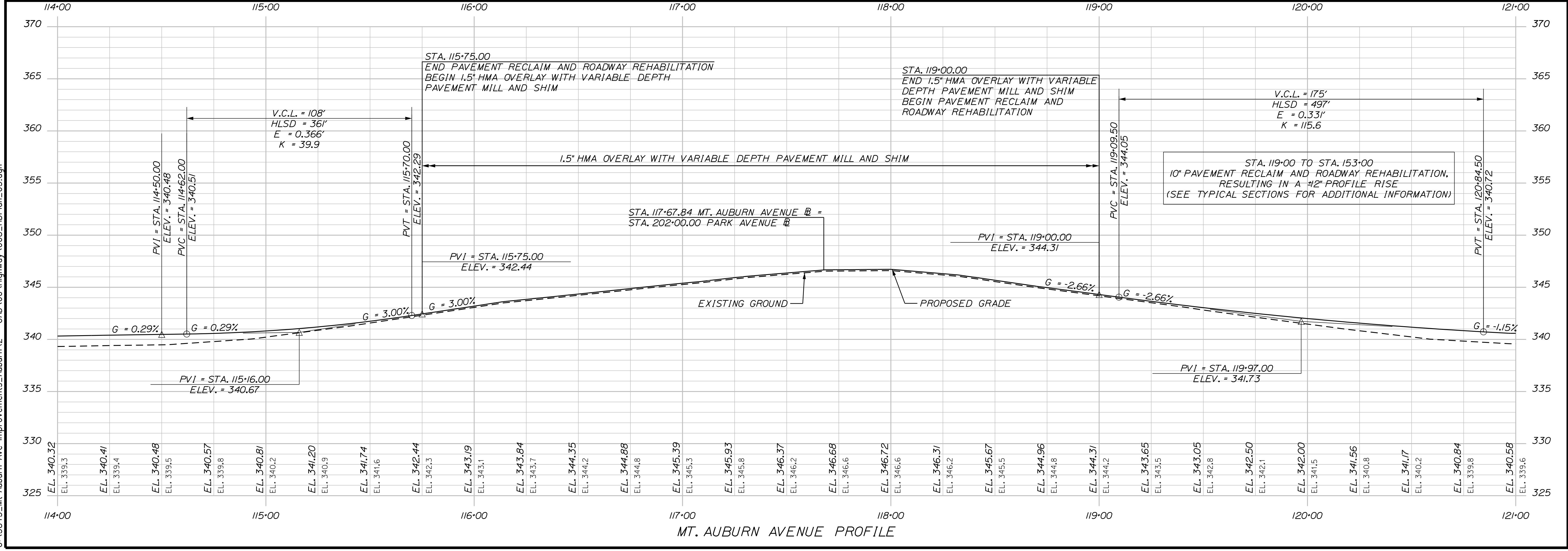
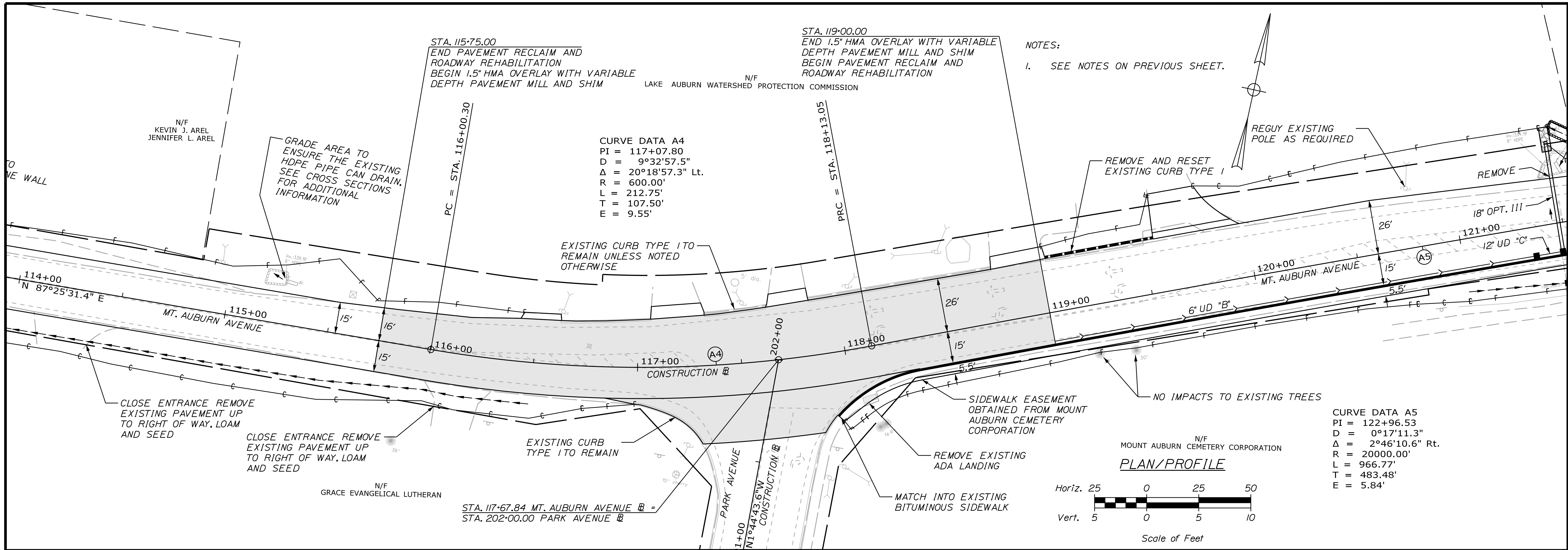
CURVE DATA A3
 PI = 110+88.41
 D = 1°31'40.4"
 Δ = 4°51'32.0" Rt.
 R = 3750.00'
 L = 318.01'
 T = 159.10'
 E = 3.37'

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22			
CHECKED-REVIEWED	J. WINDENBACH	D. ETTINGER	05/22			
DESIGN-DETAILED						
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

AUBURN AVENUE
 MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
 2
 OF 63



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

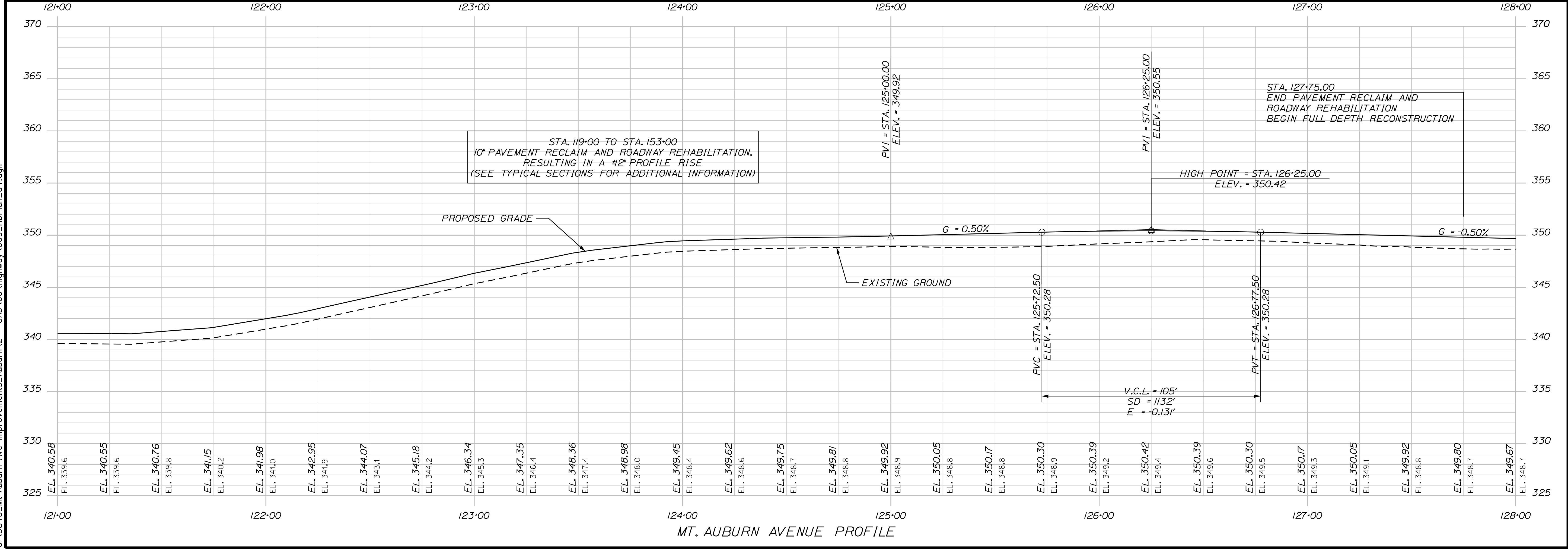
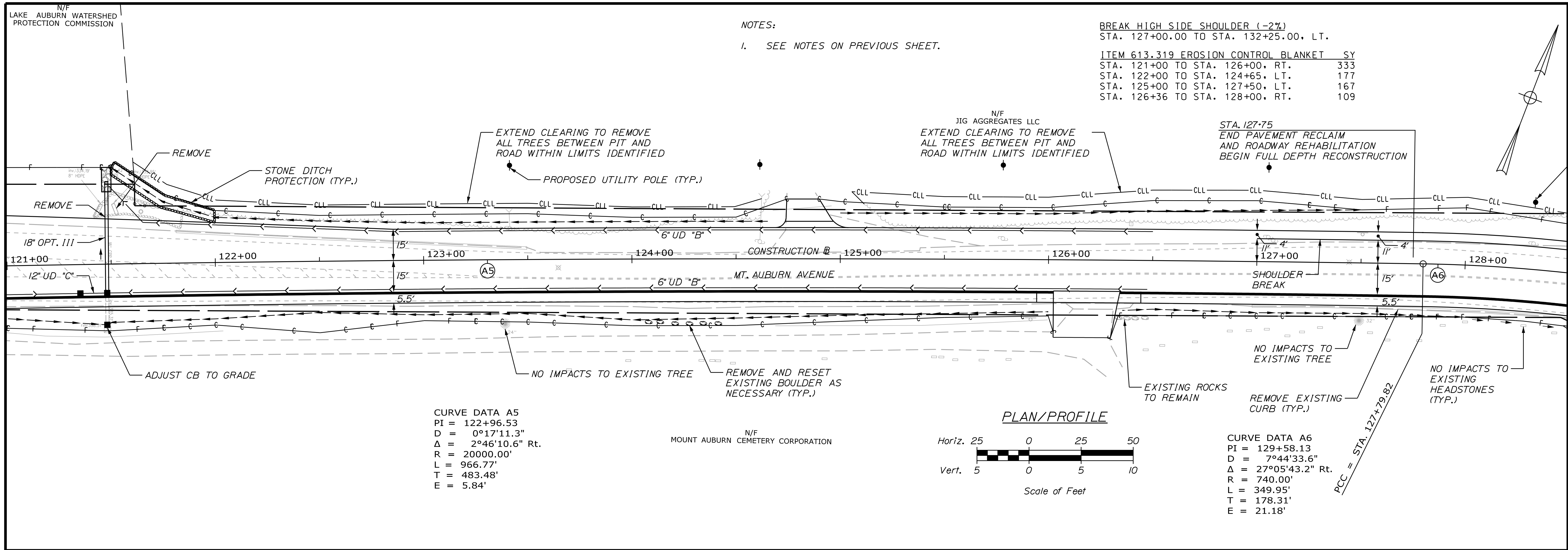
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

AUBURN AVENUE
MT. AUBURN AVENUE
PLAN/PROFILE SHEETS

SHEET NUMBER
8
 OF 63

U:\3845_Mt Auburn Ave Improvements_Auburn.V - CAD\00\Highway\009_HDPlan_04.dgn
 Division: HIGHWAY
 Username: Trey, Warren
 Date: 5/6/2022



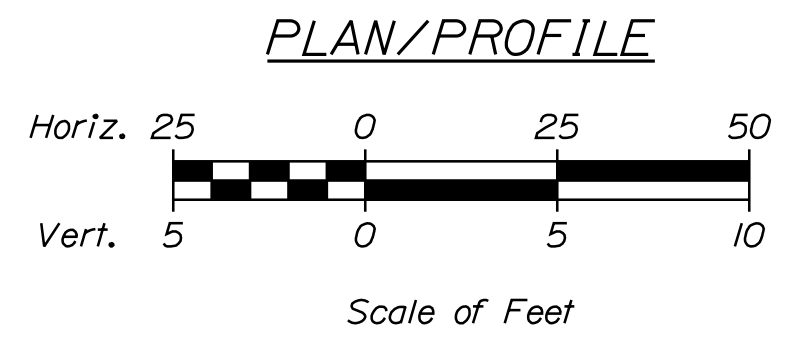
MT. AUBURN AVENUE PROFILE

NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.

BREAK HIGH SIDE SHOULDER (-2%)
 STA. 127+00.00 TO STA. 132+25.00, LT.
 ITEM 613.319 EROSION CONTROL BLANKET SY
 STA. 121+00 TO STA. 126+00, RT. 333
 STA. 122+00 TO STA. 124+65, LT. 177
 STA. 125+00 TO STA. 127+50, LT. 167
 STA. 126+36 TO STA. 128+00, RT. 109

CURVE DATA A5
 PI = 122+96.53
 D = 0°17'11.3"
 Δ = 2°46'10.6" Rt.
 R = 20000.00'
 L = 966.77'
 T = 483.48'
 E = 5.84'

CURVE DATA A6
 PI = 129+58.13
 D = 7°44'33.6"
 Δ = 27°05'43.2" Rt.
 R = 740.00'
 L = 349.95'
 T = 178.31'
 E = 21.18'



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22			
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22			
DESIGN-DETAILED						
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

AUBURN AVENUE
 MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
 9
 OF 63

Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

Filename: ...\\00\Highway\010_HDPlan_05.dgn

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ITEM 613.319 EROSION CONTROL BLANKET SY
 STA. 128+50 TO STA. 128+68, RT. 12
 STA. 129+00 TO STA. 131+75, RT. 177

ITEM 626.421 24-INCH DIAMETER FOUNDATION
 STA. 131+83.05, B
 STA. 131+91.72, RT.
 STA. 131+92.25, LT.

GRACELAWN ROAD
 CURVE DATA B1
 PI = 300+93.09
 D = 22°02'12.6"
 Δ = 39°23'51.8" Rt.
 R = 260.00'
 L = 178.78'
 T = 93.09'
 E = 16.16'

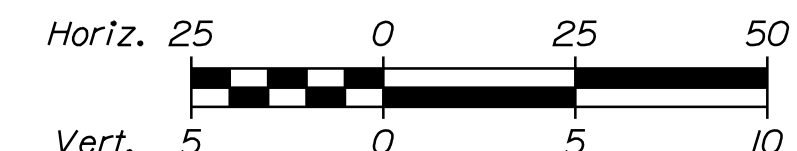
STA. 301+25.00
 LIMIT OF WORK
 END PARTIAL DEPTH RECONSTRUCTION
 MATCH EXISTING PAVEMENT

REMOVE AND RESET
 EXISTING CURB TYPE 5

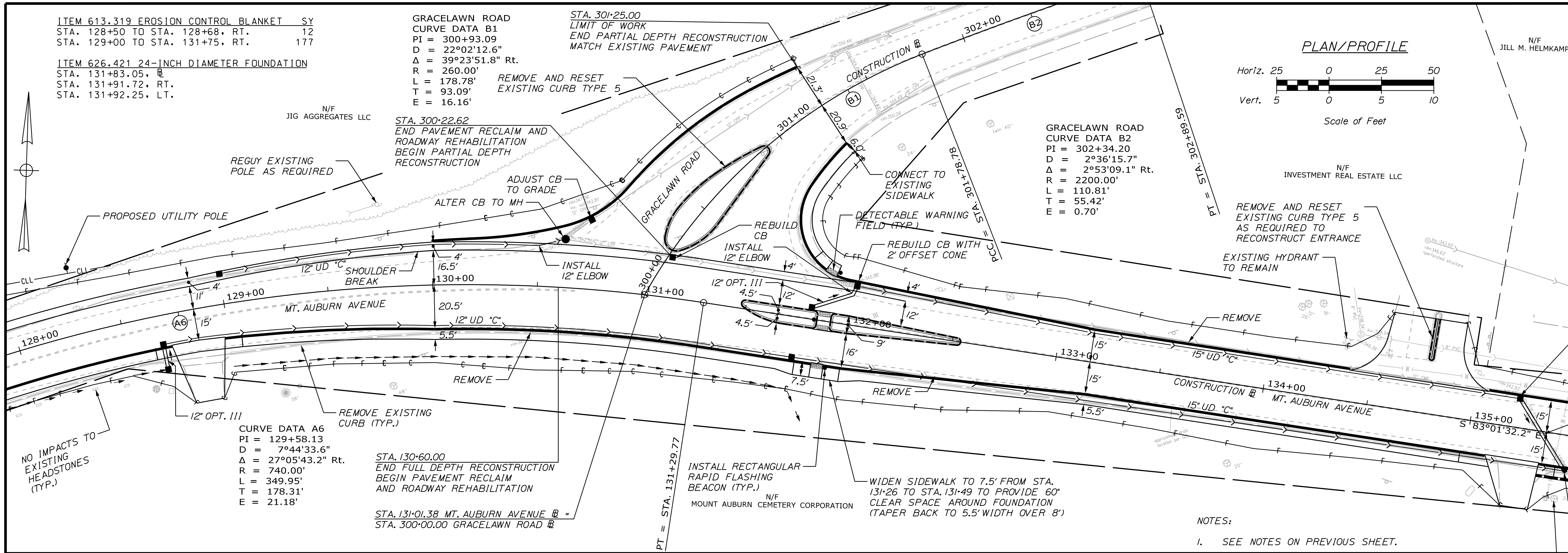
STA. 300+22.62
 END PAVEMENT RECLAIM AND
 ROADWAY REHABILITATION
 BEGIN PARTIAL DEPTH
 RECONSTRUCTION

GRACELAWN ROAD
 CURVE DATA B2
 PI = 302+34.20
 D = 2°36'15.7"
 Δ = 2°53'09.1" Rt.
 R = 2200.00'
 L = 110.81'
 T = 55.42'
 E = 0.70'

PLAN/PROFILE



Scale of Feet



CURVE DATA A6
 PI = 129+58.13
 D = 7°44'33.6"
 Δ = 27°05'43.2" Rt.
 R = 740.00'
 L = 349.95'
 T = 178.31'
 E = 21.18'

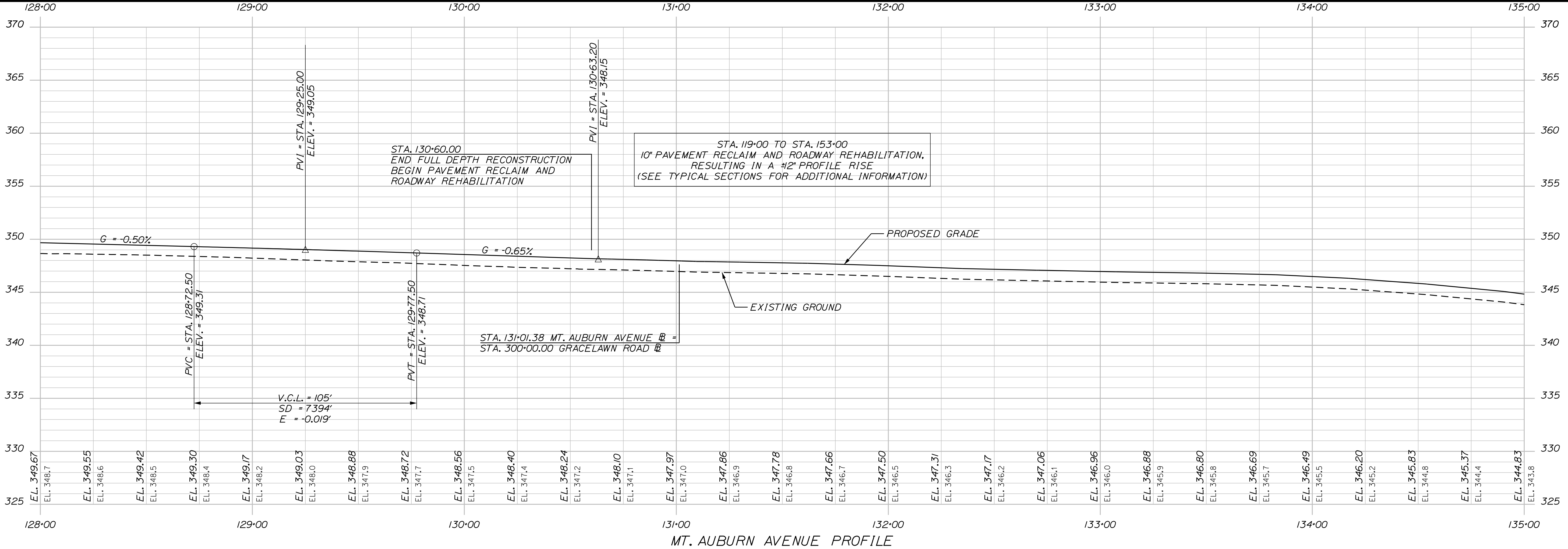
STA. 130+60.00
 END FULL DEPTH RECONSTRUCTION
 BEGIN PAVEMENT RECLAIM
 AND ROADWAY REHABILITATION

STA. 131+01.38 MT. AUBURN AVENUE B =
 STA. 300+00.00 GRACELAWN ROAD B

INSTALL RECTANGULAR
 RAPID FLASHING
 BEACON (TYP.)
 N/F
 MOUNT AUBURN CEMETERY CORPORATION

WIDEN SIDEWALK TO 7.5' FROM STA.
 131+26 TO STA. 131+49 TO PROVIDE 60'
 CLEAR SPACE AROUND FOUNDATION
 (TAPER BACK TO 5.5' WIDTH OVER 8')

NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.



STA. 119+00 TO STA. 153+00
 10" PAVEMENT RECLAIM AND ROADWAY REHABILITATION,
 RESULTING IN A 12" PROFILE RISE
 (SEE TYPICAL SECTIONS FOR ADDITIONAL INFORMATION)

STA. 131+01.38 MT. AUBURN AVENUE B =
 STA. 300+00.00 GRACELAWN ROAD B

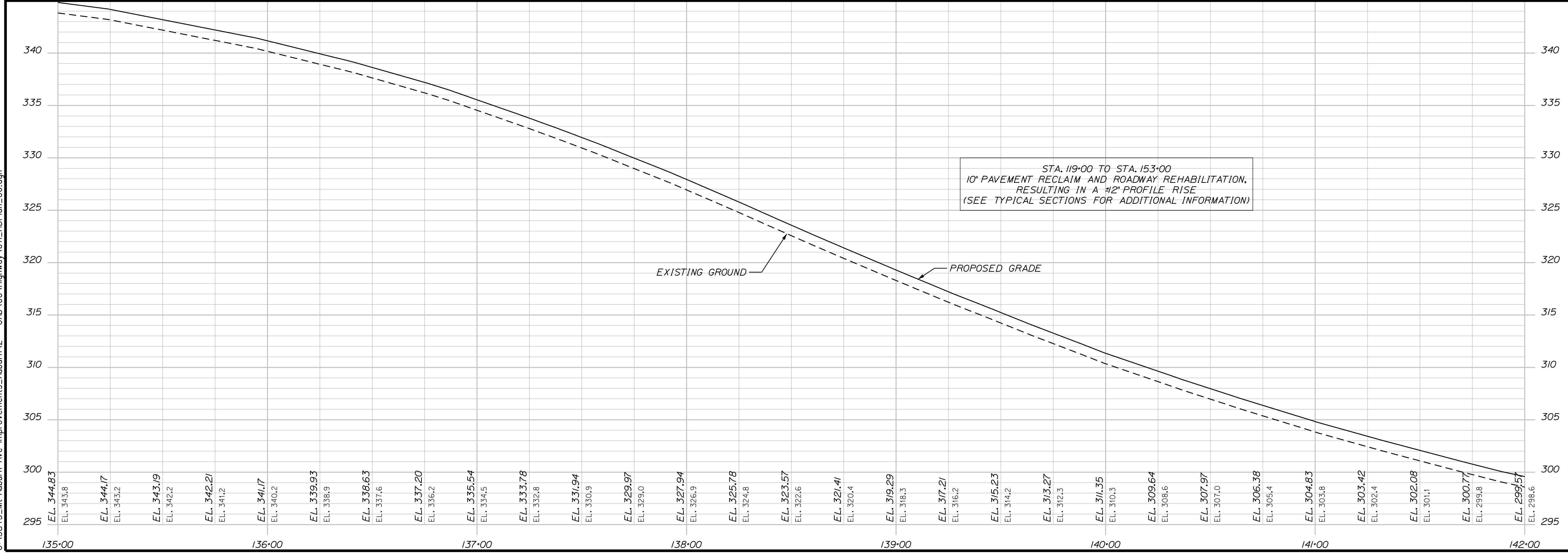
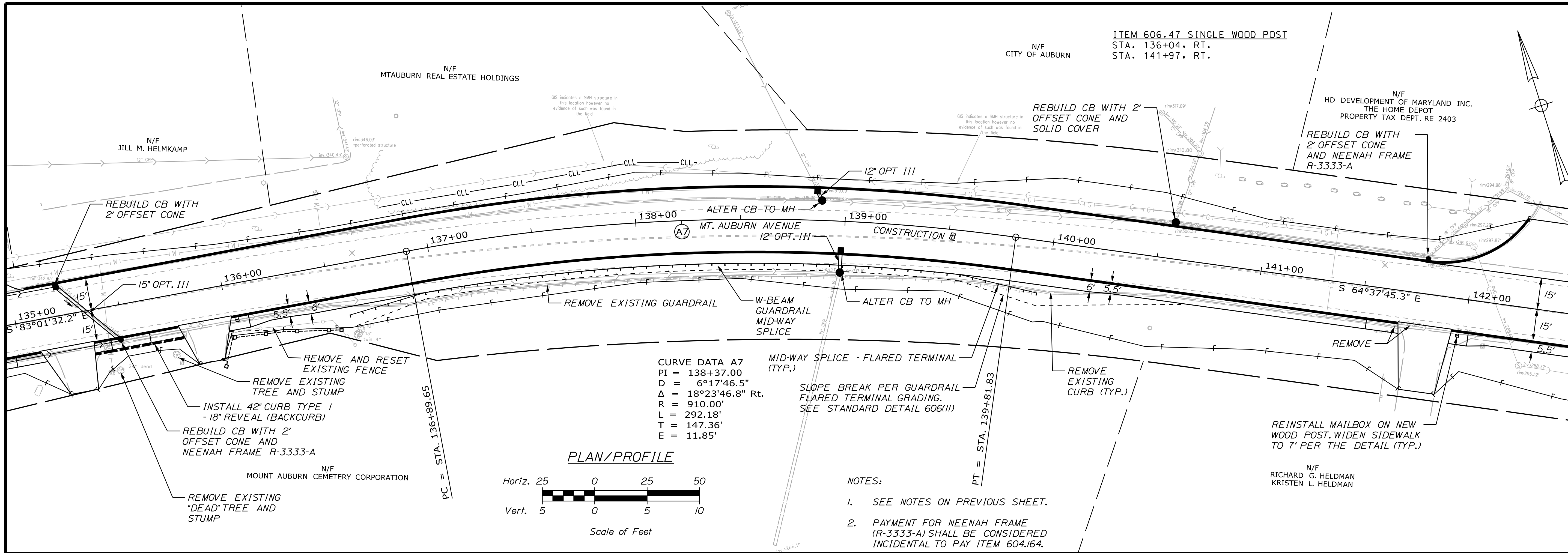
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
 MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
 10
 OF 63

Filename: ... \00\Highway\011_HDP\plan_06.dgn
 Division: HIGHWAY
 Username: Trey, Warren
 Date: 5/6/2022



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZWARRRE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
 RICHARD G. HELDMAN
 KRISTEN L. HELDMAN

P.E. NUMBER
 DATE

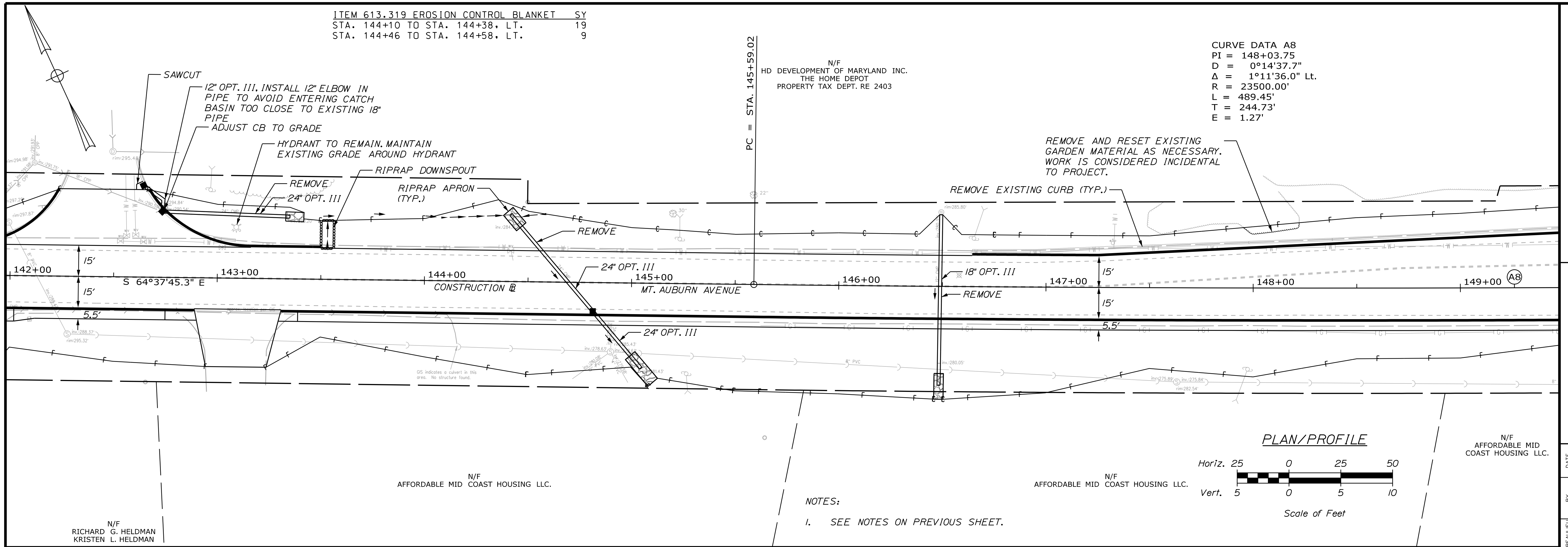
AUBURN AUBURN AVENUE
MT. AUBURN AVENUE
PLAN/PROFILE SHEETS

SHEET NUMBER
11
 OF 63

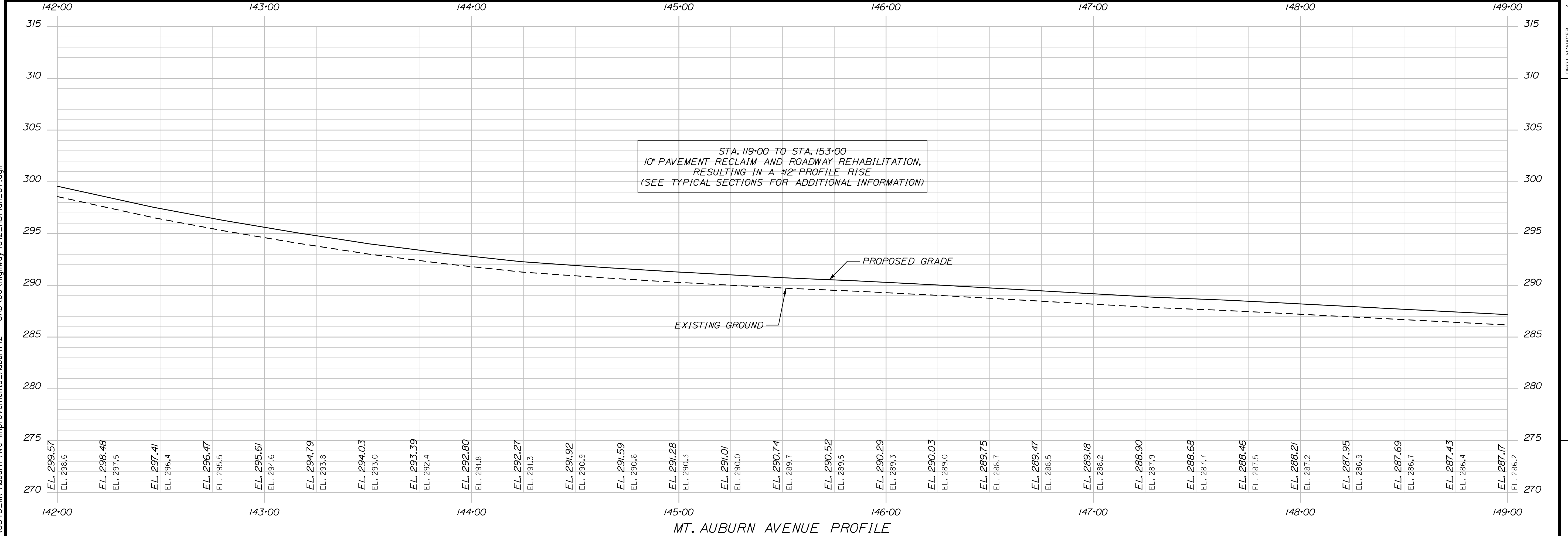
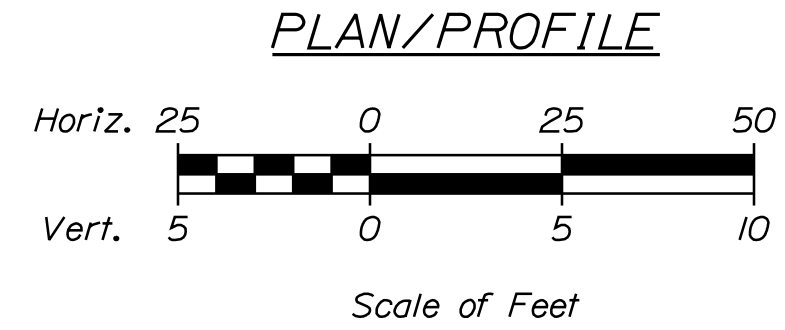
ITEM 613.319 EROSION CONTROL BLANKET SY
 STA. 144+10 TO STA. 144+38, LT. 19
 STA. 144+46 TO STA. 144+58, LT. 9

N/F
 HD DEVELOPMENT OF MARYLAND INC.
 THE HOME DEPOT
 PROPERTY TAX DEPT. RE 2403

CURVE DATA A8
 PI = 148+03.75
 D = 0°14'37.7"
 Δ = 1°11'36.0" Lt.
 R = 23500.00'
 L = 489.45'
 T = 244.73'
 E = 1.27'



NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.



MT. AUBURN AVENUE PROFILE

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22			
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22			
DESIGN-DETAILED						
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
12
 OF 63

Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

Filename: ... \00\Highway\012_HDPlan_07.dgn

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CURVE DATA A8
 PI = 148+03.75
 D = 0°14'37.7"
 Δ = 1°11'36.0" Lt.
 R = 23500.00'
 L = 489.45'
 T = 244.73'
 E = 1.27'

N/F
 HD DEVELOPMENT OF MARYLAND INC.
 THE HOME DEPOT
 PROPERTY TAX DEPT. RE 2403

NOTES:
 I. SEE NOTES ON PREVIOUS SHEET.

REMOVE AND RESET EXISTING CURB TYPE 5
 AS NECESSARY TO RECONSTRUCT ENTRANCE

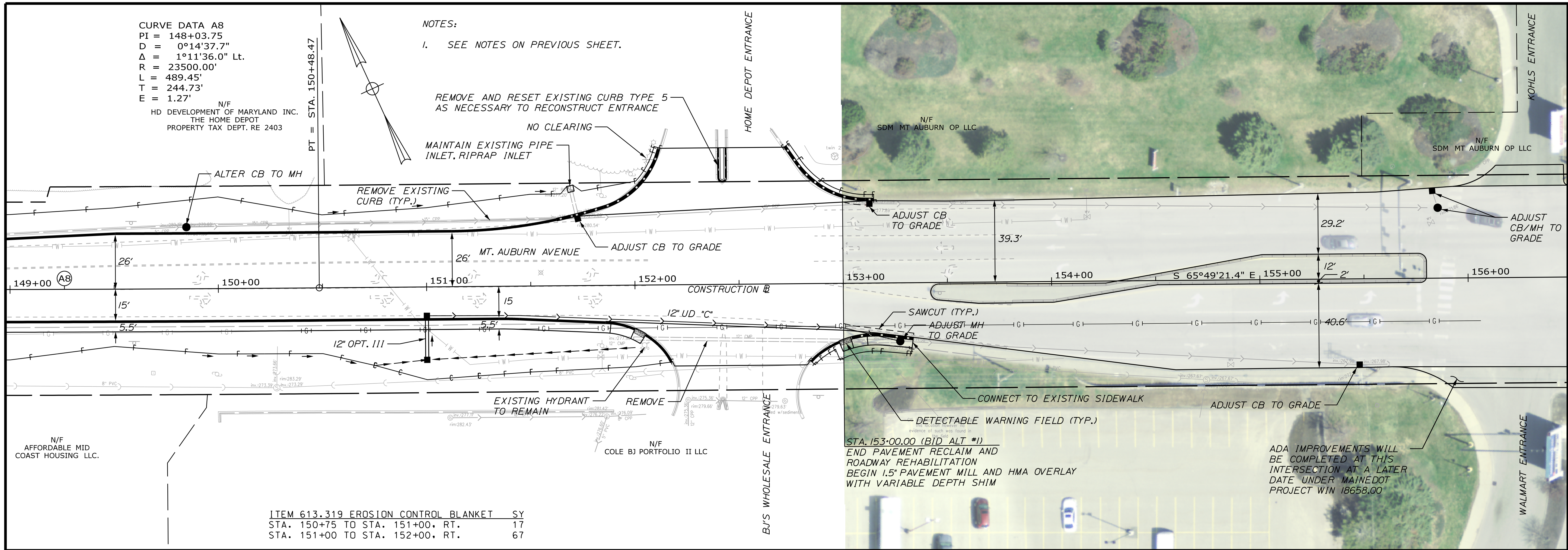
NO CLEARING
 MAINTAIN EXISTING PIPE
 INLET, RIPRAP INLET

REMOVE EXISTING
 CURB (TYP.)

ADJUST CB TO GRADE

ADJUST CB
 TO GRADE

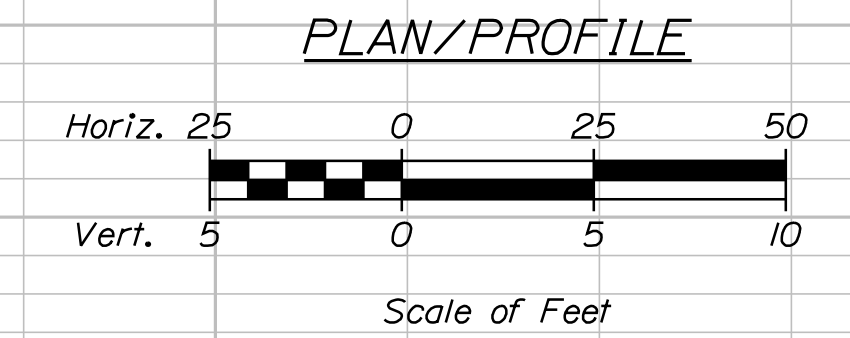
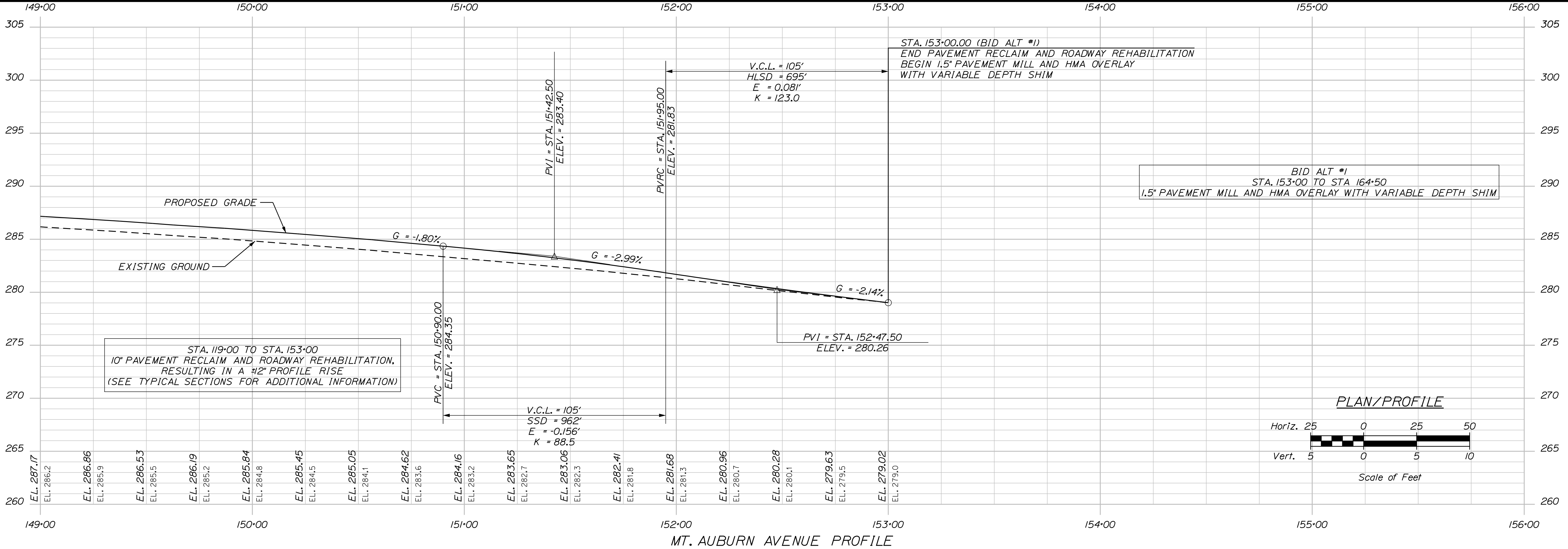
ADJUST
 CB/MH TO
 GRADE



ITEM 613.319 EROSION CONTROL BLANKET SY
 STA. 150+75 TO STA. 151+00, RT. 17
 STA. 151+00 TO STA. 152+00, RT. 67

STA. 153+00.00 (BID ALT #1)
 END PAVEMENT RECLAIM AND
 ROADWAY REHABILITATION
 BEGIN 1.5" PAVEMENT MILL AND HMA OVERLAY
 WITH VARIABLE DEPTH SHIM

ADA IMPROVEMENTS WILL
 BE COMPLETED AT THIS
 INTERSECTION AT A LATER
 DATE UNDER MAINE DOT
 PROJECT WIN 18658.00



MT. AUBURN AVENUE PROFILE

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
 MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
13
 OF 63

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

Filename: ... \00\Highway\013_HDPlan_08.dgn

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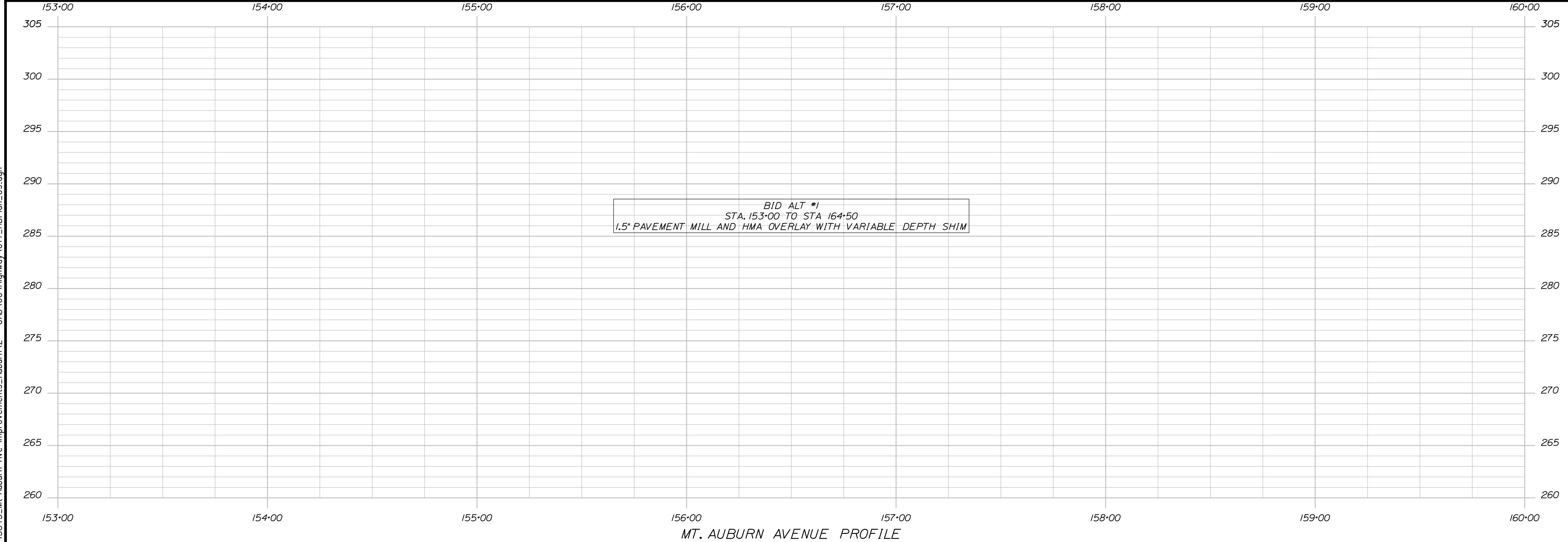
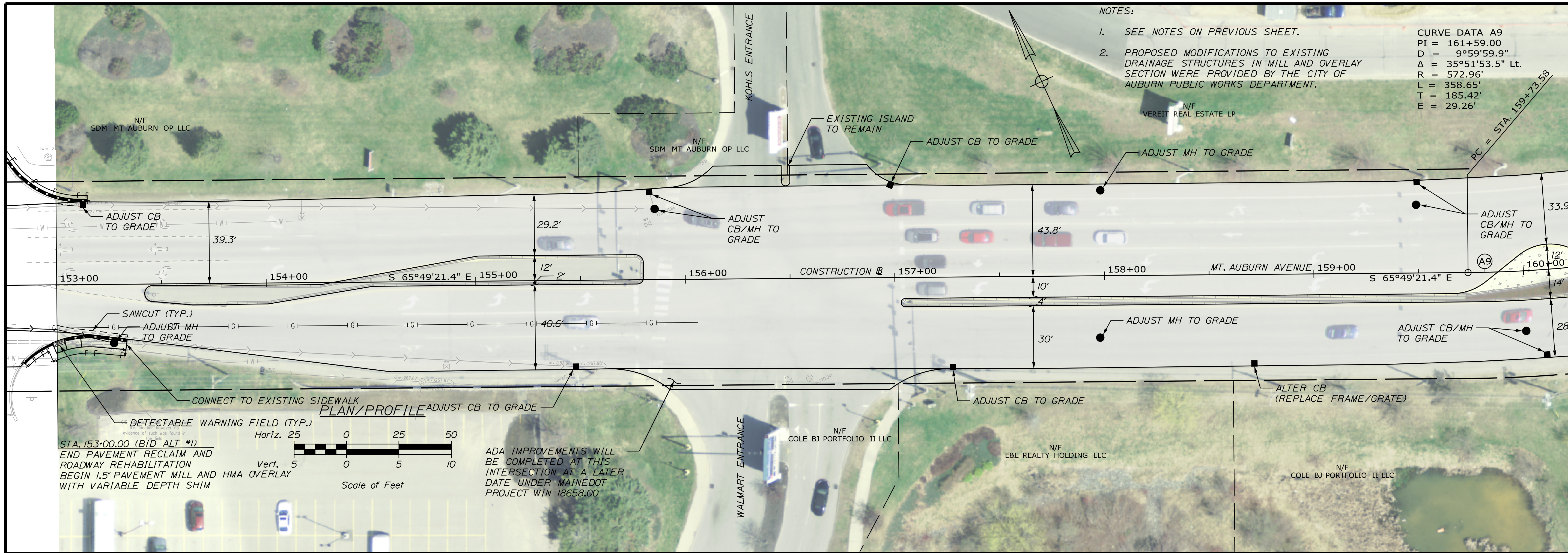
Date: 5/6/2022

Username: Trey, Warren

Division: HIGHWAY

Filename: ... \00\Highway\014_HDPlan_09.dgn

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NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.
 2. PROPOSED MODIFICATIONS TO EXISTING DRAINAGE STRUCTURES IN MILL AND OVERLAY SECTION WERE PROVIDED BY THE CITY OF AUBURN PUBLIC WORKS DEPARTMENT.

CURVE DATA A9

PI	=	161+59.00
D	=	9°59'59.9"
Δ	=	35°51'53.5" Lt.
R	=	572.96'
L	=	358.65'
T	=	185.42'
E	=	29.26'

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE	SIGNATURE
DESIGN-DETAILED	T. WARREN	J. FITZWARRRE	05/22	
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22	
DESIGN-DETAILED				
DESIGN-DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

P.E. NUMBER	DATE

MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
14
 OF 63

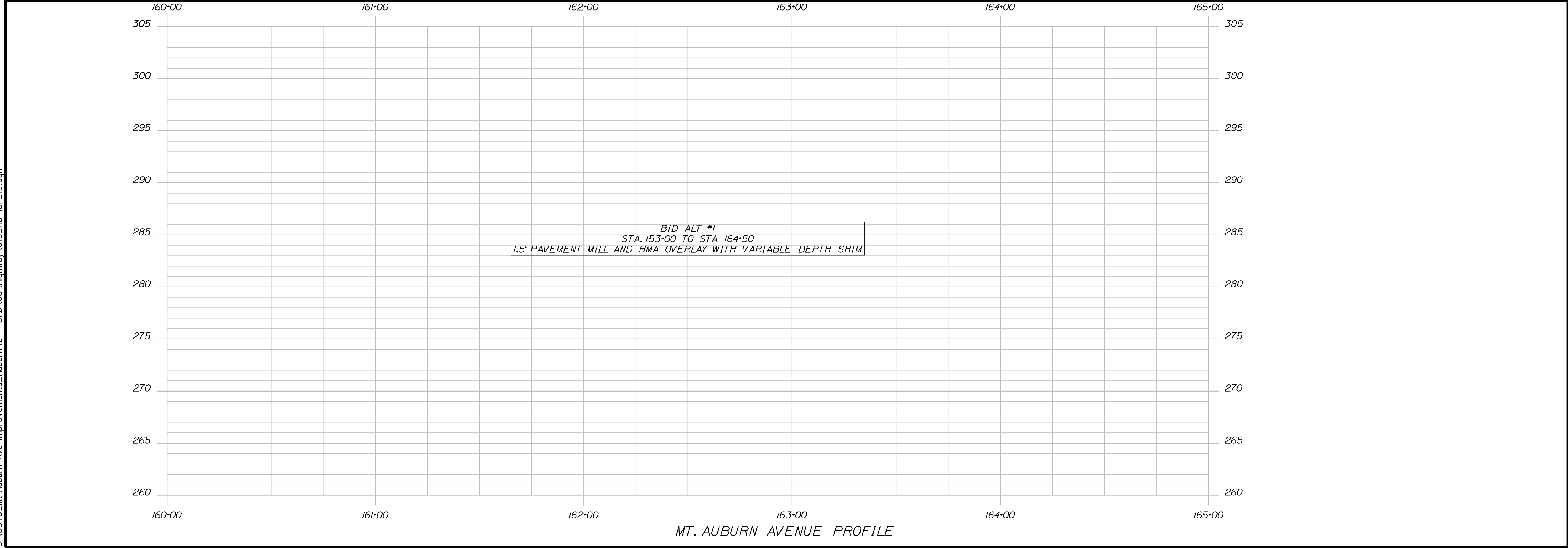
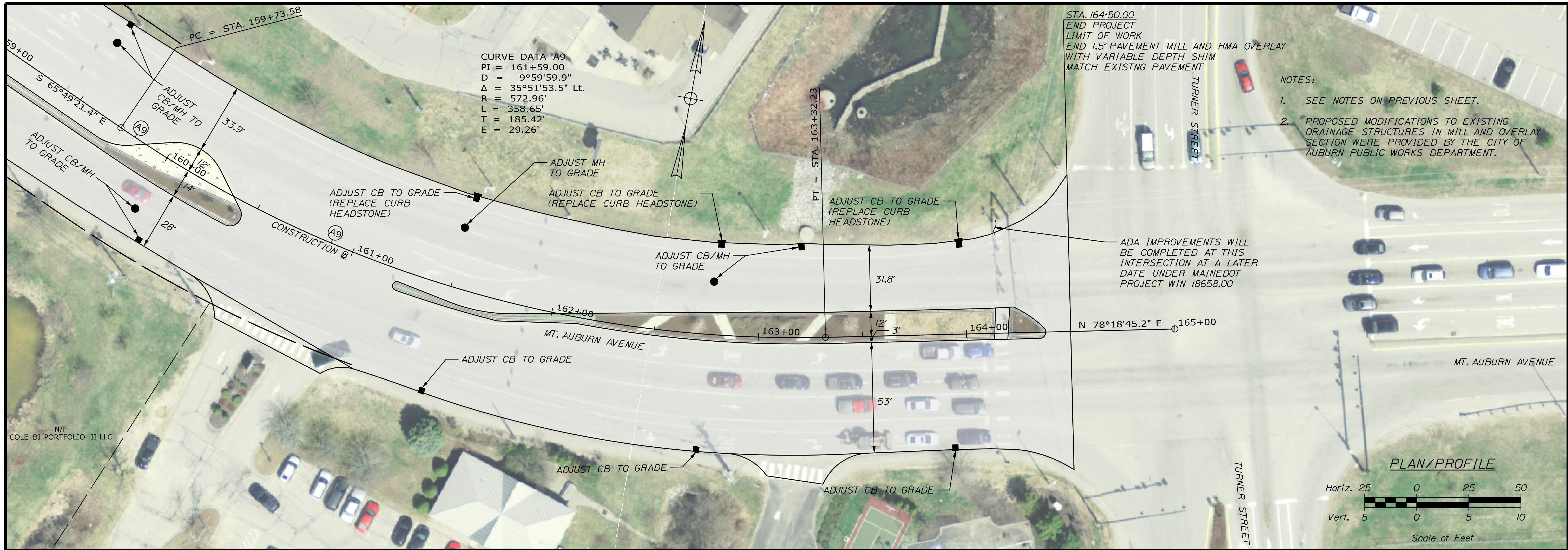
Date: 5/6/2022

Username: Trey, Warren

Division: HIGHWAY

Filename: ... \00\Highway\015_HDPlan_10.dgn

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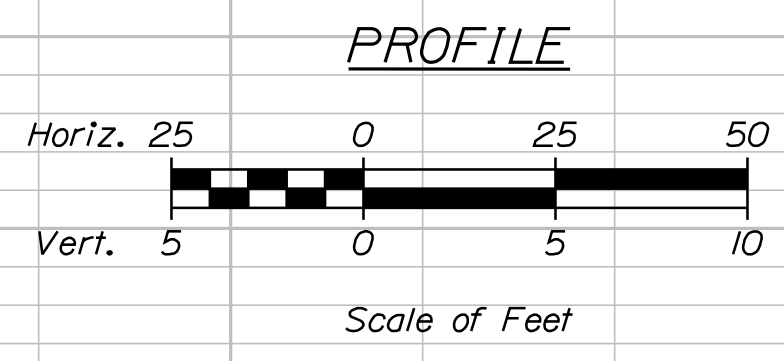
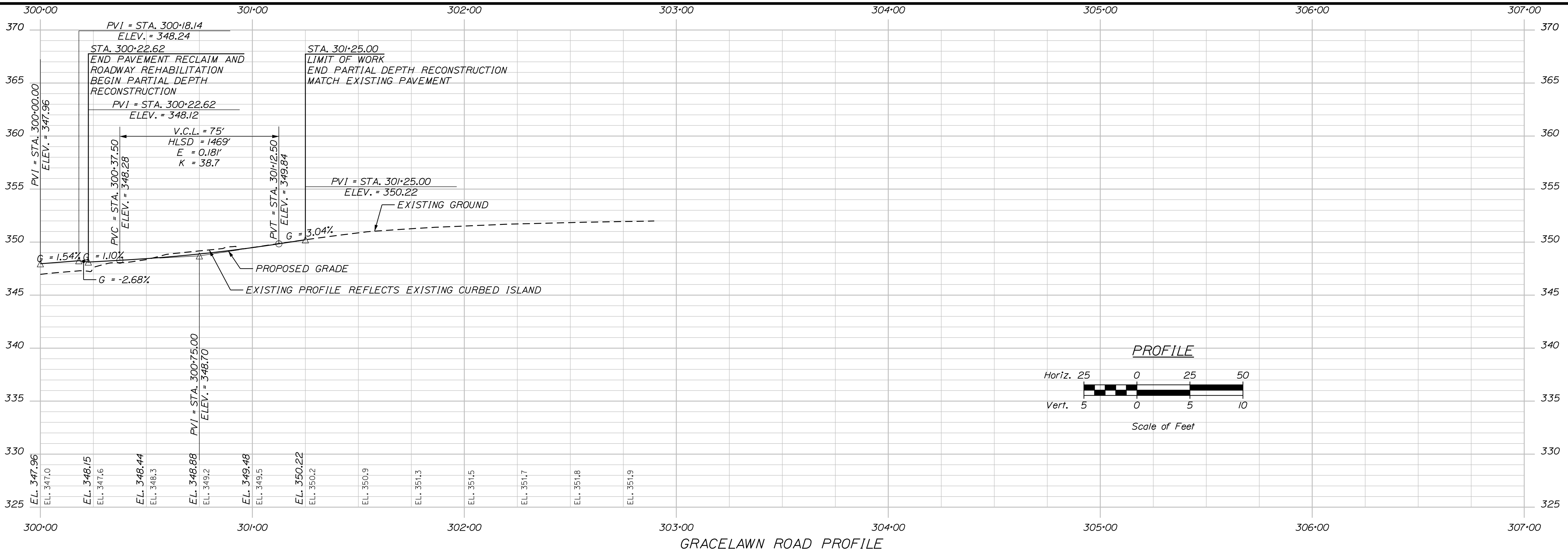
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

AUBURN AVENUE
 MT. AUBURN AVENUE
 PLAN/PROFILE SHEETS

SHEET NUMBER
15
 OF 63



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

SIGNATURE
P.E. NUMBER
DATE

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WINDENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
MT. AUBURN AVENUE
SIDEROAD PROFILE SHEET

SHEET NUMBER
16
OF 63



Relationships. Responsiveness. Results.
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Date: 5/6/2022

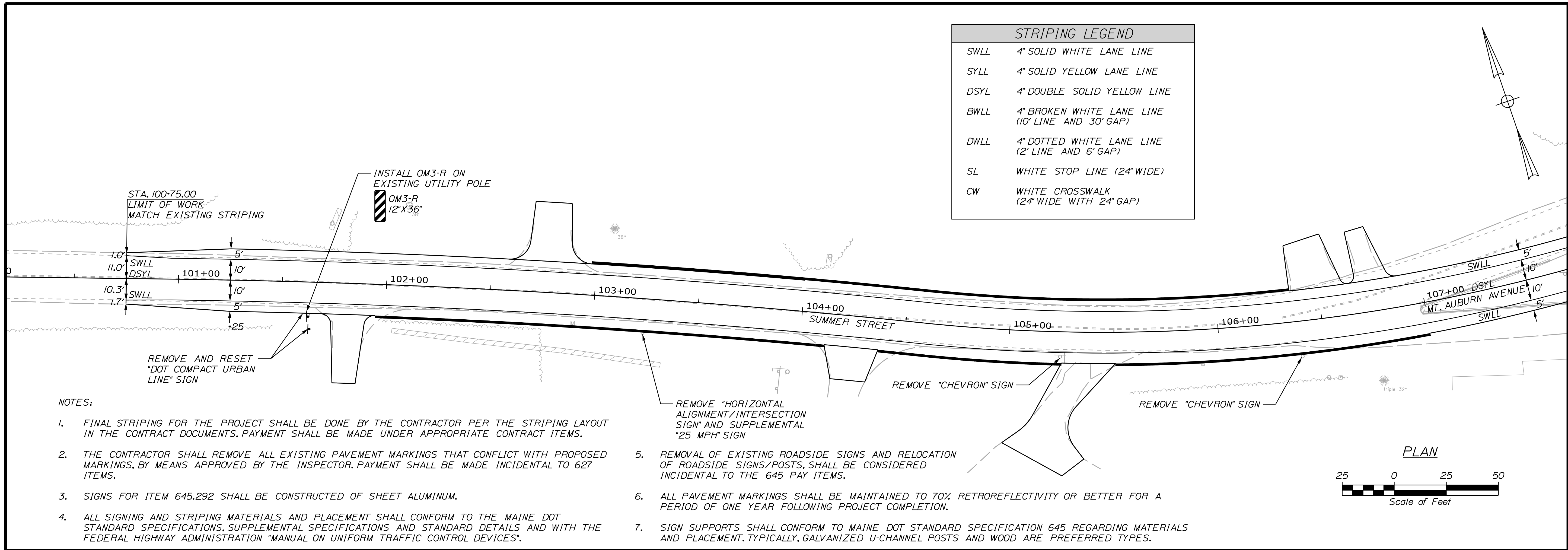
Username: Trey, Warren

Division: HIGHWAY

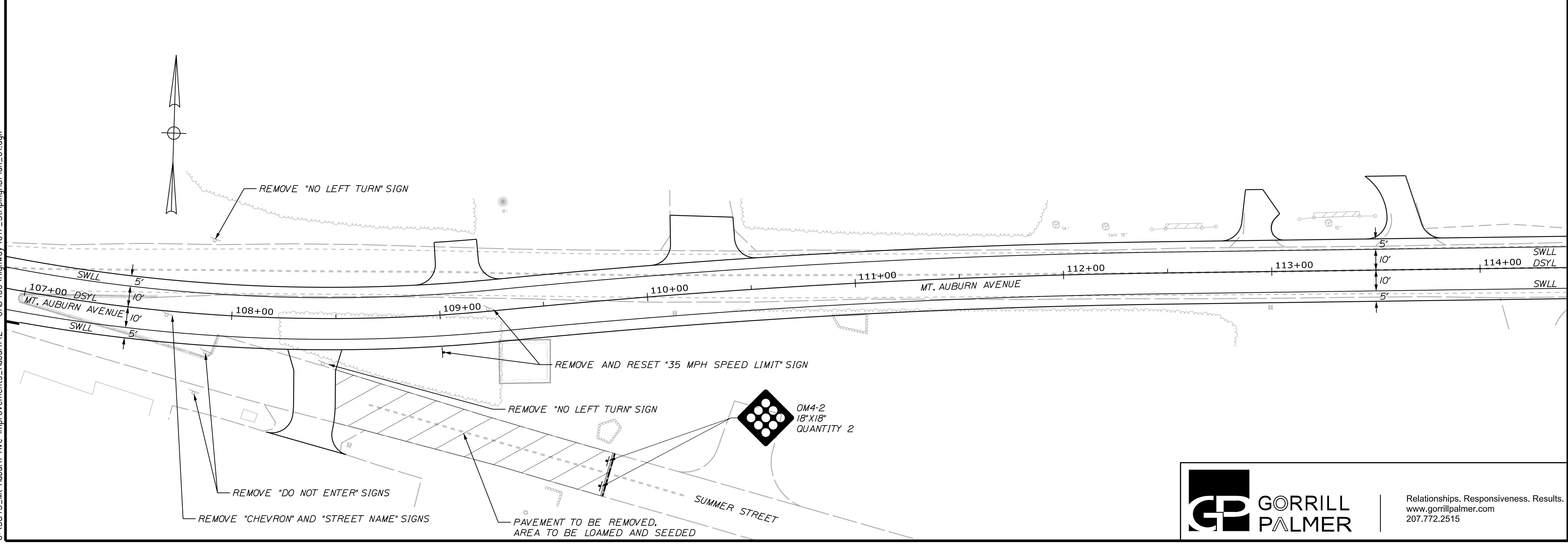
Filename: ... \017_StripingHPan_01.dgn

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STRIPING LEGEND	
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
DSYL	4" DOUBLE SOLID YELLOW LINE
BWLL	4" BROKEN WHITE LANE LINE (10' LINE AND 30' GAP)
DWLL	4" DOTTED WHITE LANE LINE (2' LINE AND 6' GAP)
SL	WHITE STOP LINE (24" WIDE)
CW	WHITE CROSSWALK (24" WIDE WITH 24" GAP)



- NOTES:
- 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.
 - 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.
 - SIGNS FOR ITEM 645.292 SHALL BE CONSTRUCTED OF SHEET ALUMINUM.
 - 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".
 - REMOVAL OF EXISTING ROADSIDE SIGNS AND RELOCATION OF ROADSIDE SIGNS/POSTS, SHALL BE CONSIDERED INCIDENTAL TO THE 645 PAY ITEMS.
 - ALL PAVEMENT MARKINGS SHALL BE MAINTAINED TO 70% RETROREFLECTIVITY OR BETTER FOR A PERIOD OF ONE YEAR FOLLOWING PROJECT COMPLETION.
 - SIGN SUPPORTS SHALL CONFORM TO MAINE DOT STANDARD SPECIFICATION 645 REGARDING MATERIALS AND PLACEMENT. TYPICALLY, GALVANIZED U-CHANNEL POSTS AND WOOD ARE PREFERRED TYPES.



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
CHECKED/REVIEWED	T. WARREN	J. FITZMAURICE	05/22
DESIGN/DETAILED	J. WACHENBACH	D. ETTINGER	05/22
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

AUBURN AVENUE
MT. AUBURN AVENUE
SIGNING AND STRIPING PLANS

SHEET NUMBER
17
OF 63

Relationships. Responsiveness. Results.
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207.772.2515

Date: 5/6/2022

Username: Trey, Warren

Division: HIGHWAY

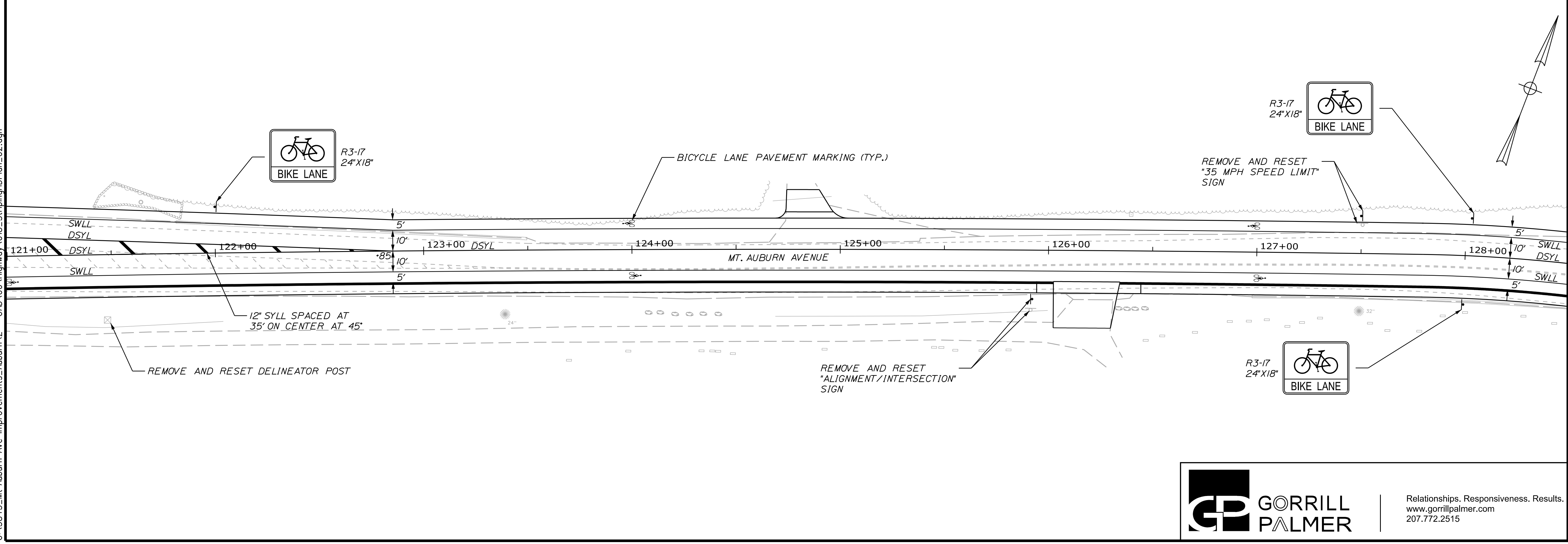
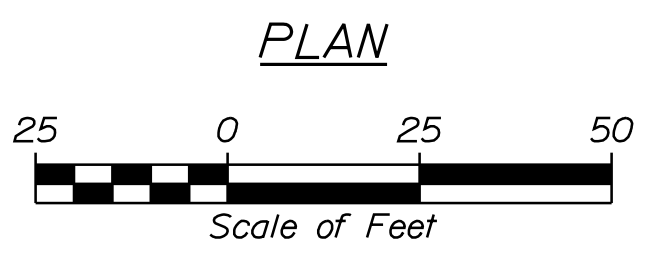
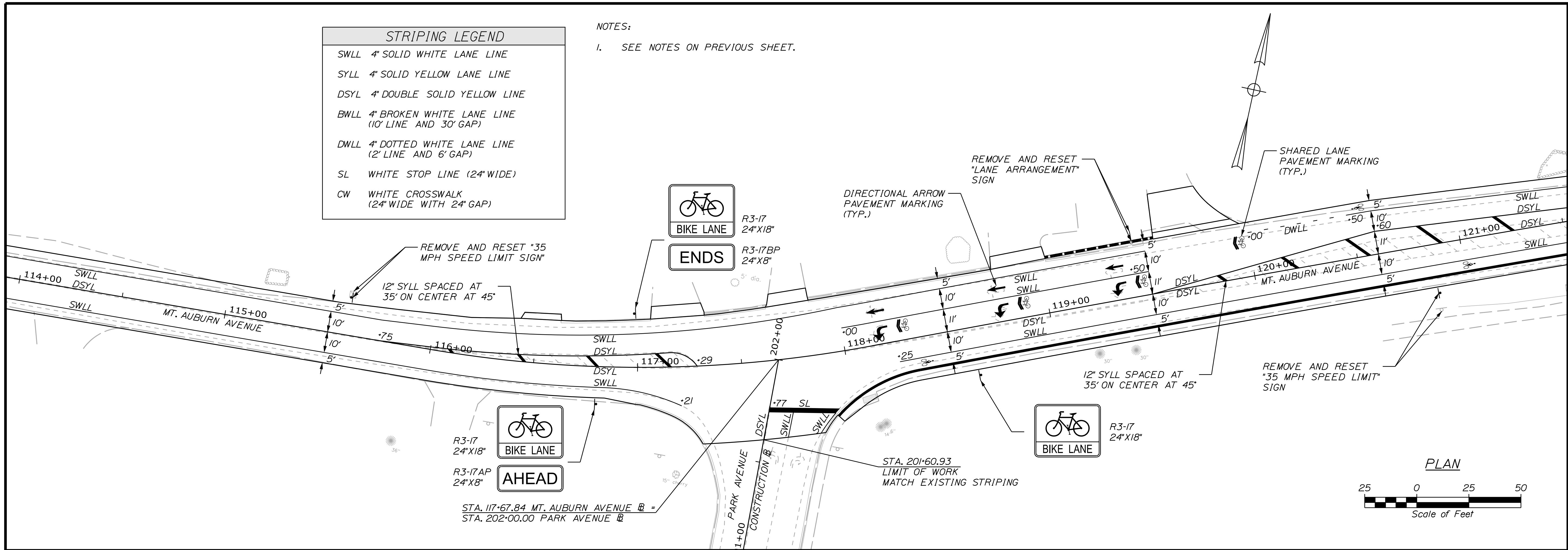
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STRIPING LEGEND	
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
DSYL	4" DOUBLE SOLID YELLOW LINE
BWLL	4" BROKEN WHITE LANE LINE (10' LINE AND 30' GAP)
DWLL	4" DOTTED WHITE LANE LINE (2' LINE AND 6' GAP)
SL	WHITE STOP LINE (24" WIDE)
CW	WHITE CROSSWALK (24" WIDE WITH 24" GAP)

NOTES:

1. SEE NOTES ON PREVIOUS SHEET.



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	T. WARREN	DATE	05/22
CHECKED/REVIEWED	J. WACHENBACH	DESIGNED	D. ETTINGER	SIGNATURE	
DESIGN/DETAILS		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 3		DATE	
REVISIONS 4		FIELD CHANGES			

AUBURN AVENUE
MT. AUBURN AVENUE
SIGNING AND STRIPING PLANS

SHEET NUMBER

18

OF 63



Relationships. Responsiveness. Results.
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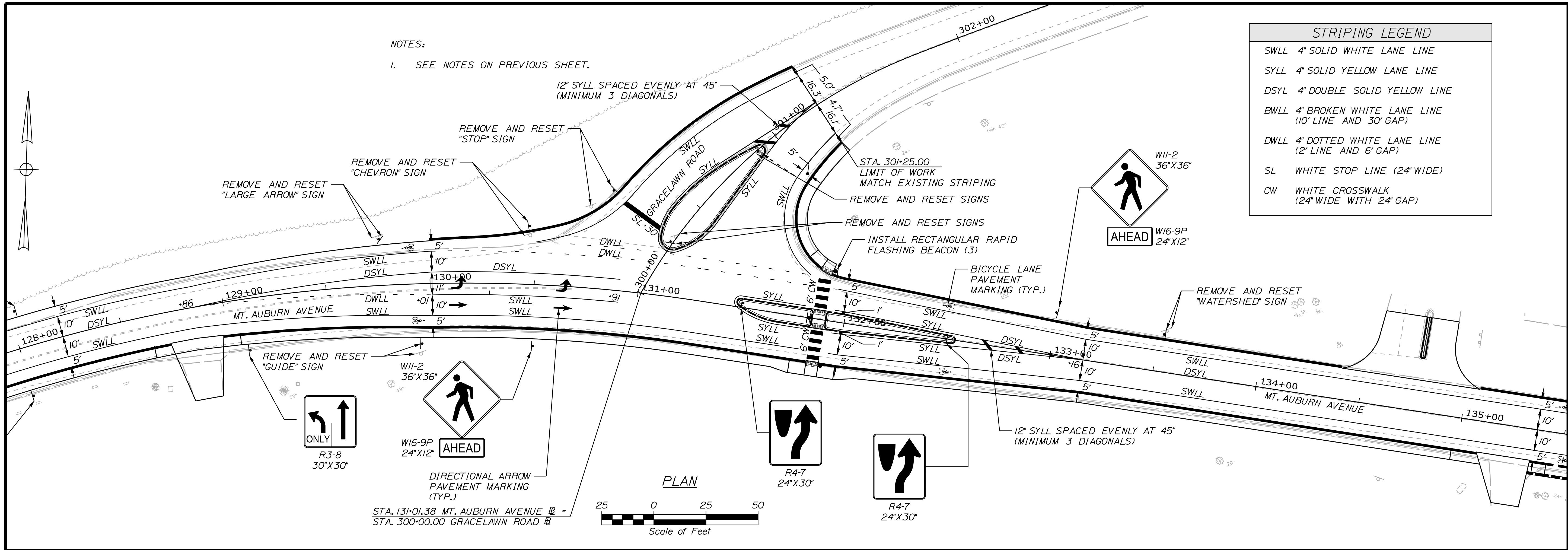
Date: 5/6/2022

Username: Trey Warren

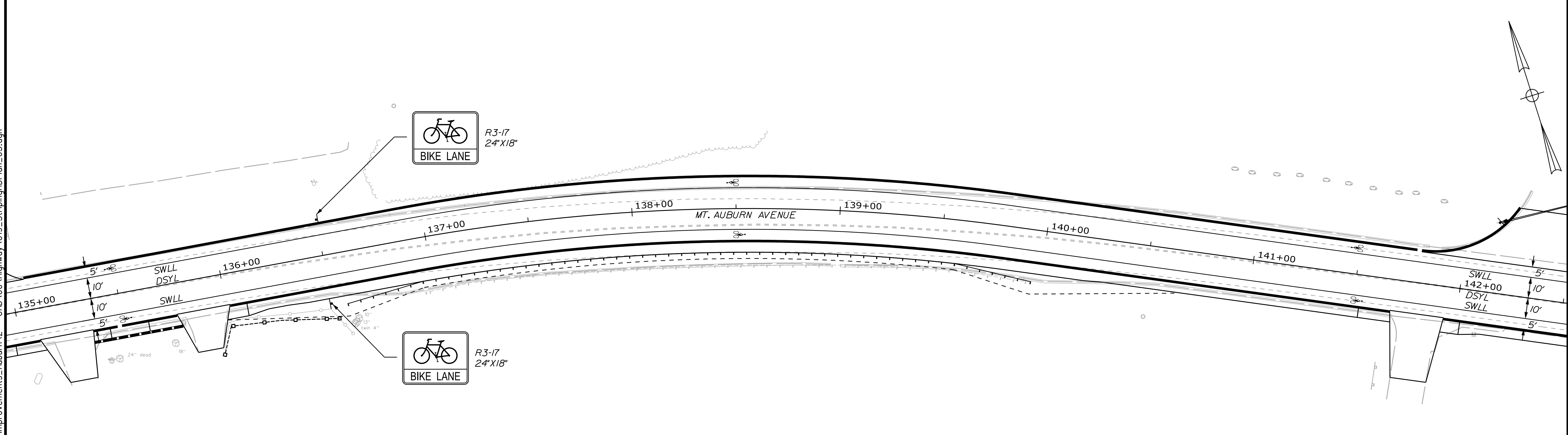
Division: HIGHWAY

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STRIPING LEGEND	
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
DSYL	4" DOUBLE SOLID YELLOW LINE
BWLL	4" BROKEN WHITE LANE LINE (10' LINE AND 30' GAP)
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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	DATE
DESIGN-DETAILED	T. WARREN	05/22
CHECKED-REVIEWED	J. FITZMAURICE	05/22
DESIGN-DETAILED	J. WACHENBACH	
DESIGN-DETAILED	D. ETTINGER	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN AVENUE
MT. AUBURN AVENUE
SIGNING AND STRIPING PLANS

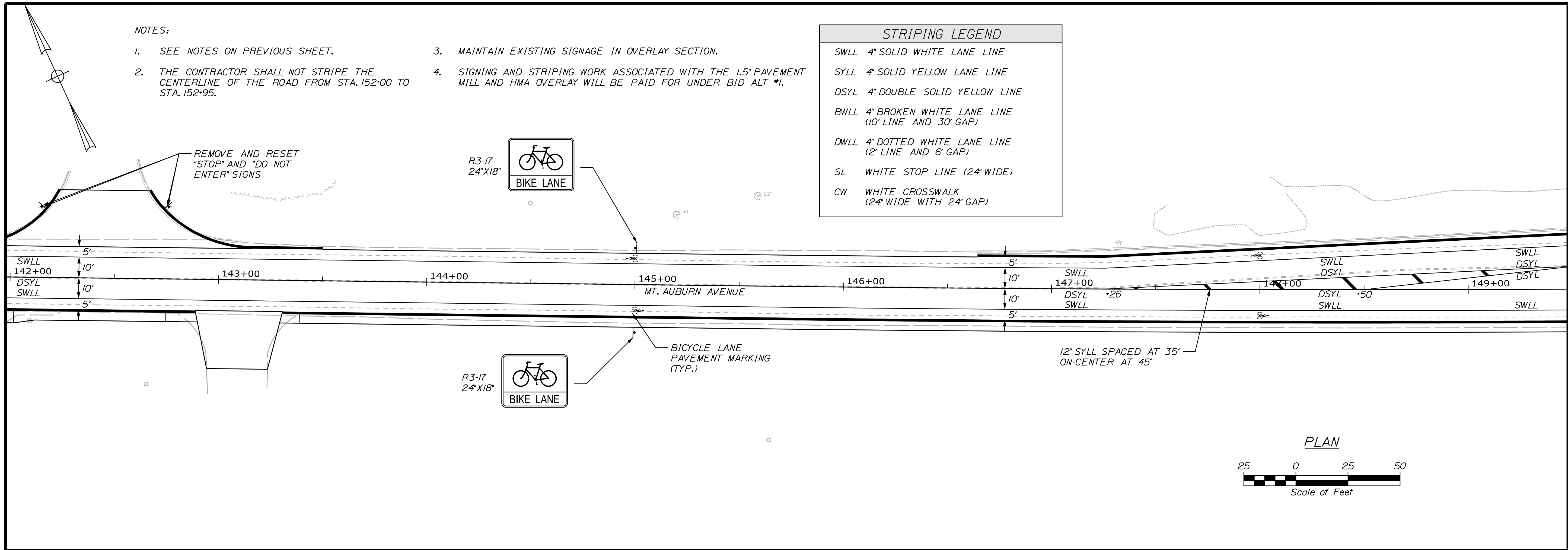
SHEET NUMBER
19
OF 63

NOTES:

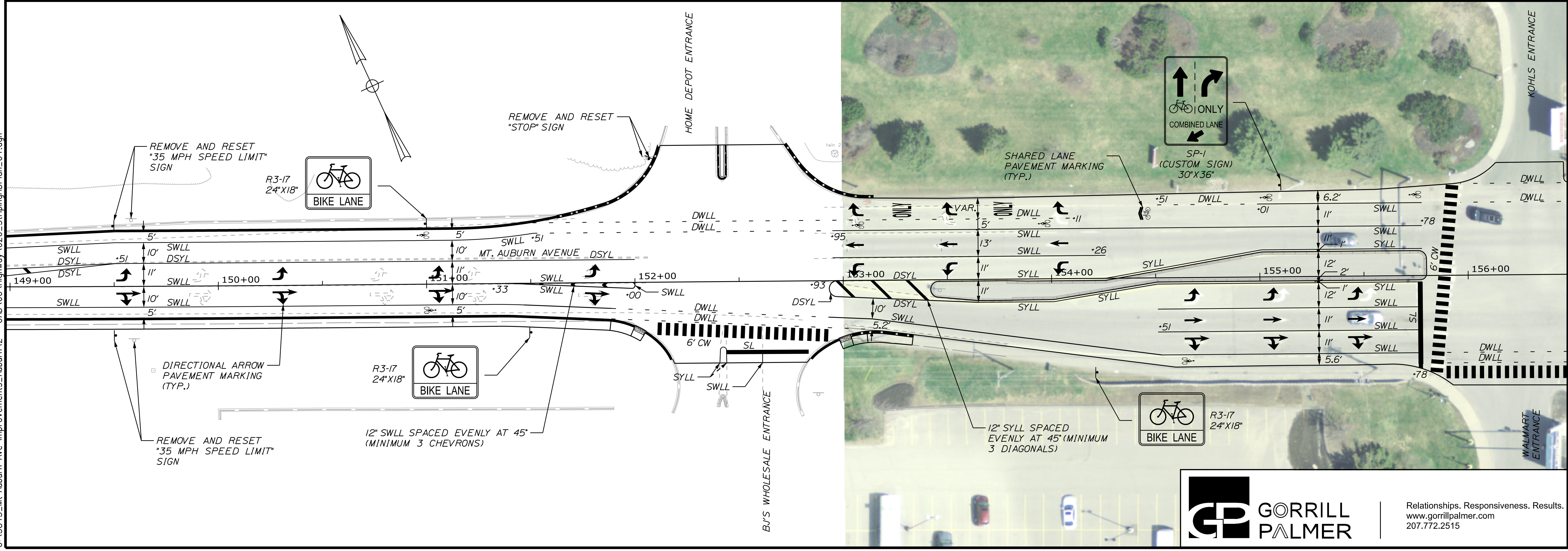
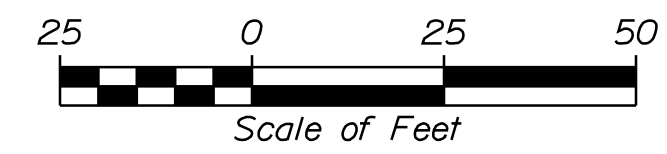
- SEE NOTES ON PREVIOUS SHEET.
- THE CONTRACTOR SHALL NOT STRIPE THE CENTERLINE OF THE ROAD FROM STA. 152+00 TO STA. 152+95.
- MAINTAIN EXISTING SIGNAGE IN OVERLAY SECTION.
- SIGNING AND STRIPING WORK ASSOCIATED WITH THE 1.5" PAVEMENT MILL AND HMA OVERLAY WILL BE PAID FOR UNDER BID ALT #1.

STRIPING LEGEND

- SWLL 4" SOLID WHITE LANE LINE
- SYLL 4" SOLID YELLOW LANE LINE
- DSYL 4" DOUBLE SOLID YELLOW LINE
- BWLL 4" BROKEN WHITE LANE LINE (10' LINE AND 30' GAP)
- DWLL 4" DOTTED WHITE LANE LINE (2' LINE AND 6' GAP)
- SL WHITE STOP LINE (24" WIDE)
- CW WHITE CROSSWALK (24" WIDE WITH 24" GAP)



PLAN



Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

Filename: ... \020_StrippingPlan_04.dgn

U:\3845_Mt Auburn Ave Improvements_Auburn.V - CAD\00\Highway\020_StrippingPlan_04.dgn

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

AUBURN AVENUE
MT. AUBURN AVENUE
SIGNING AND STRIPING PLANS

SHEET NUMBER

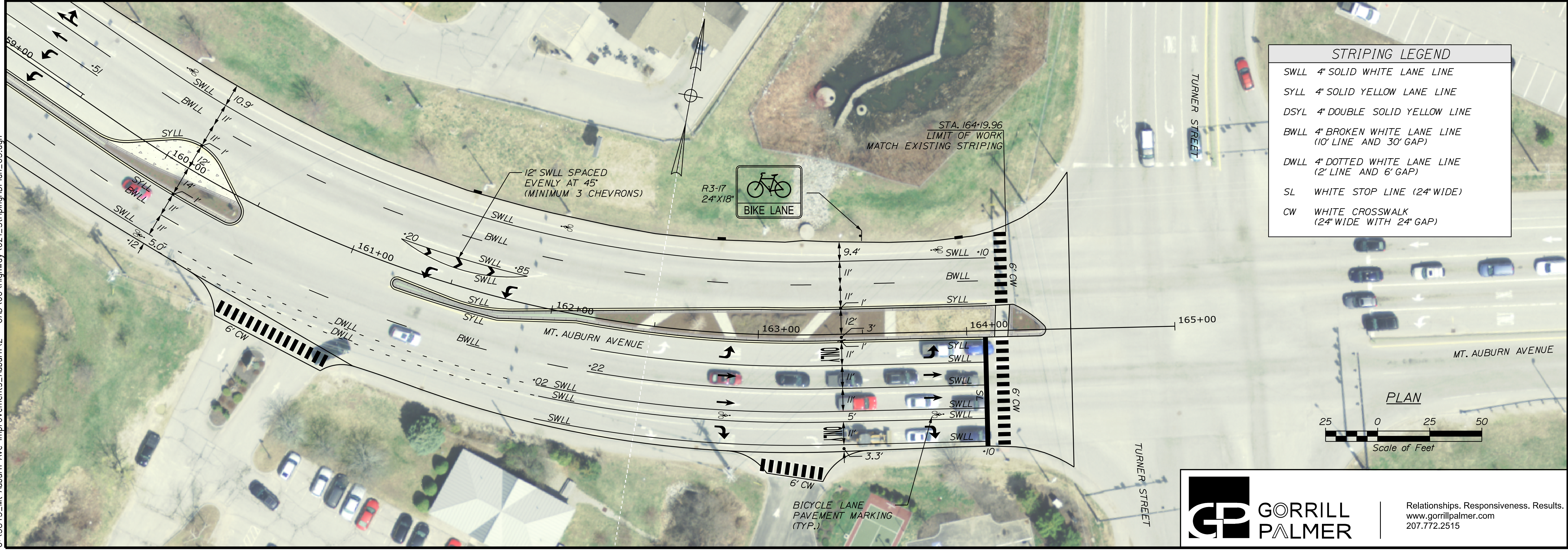
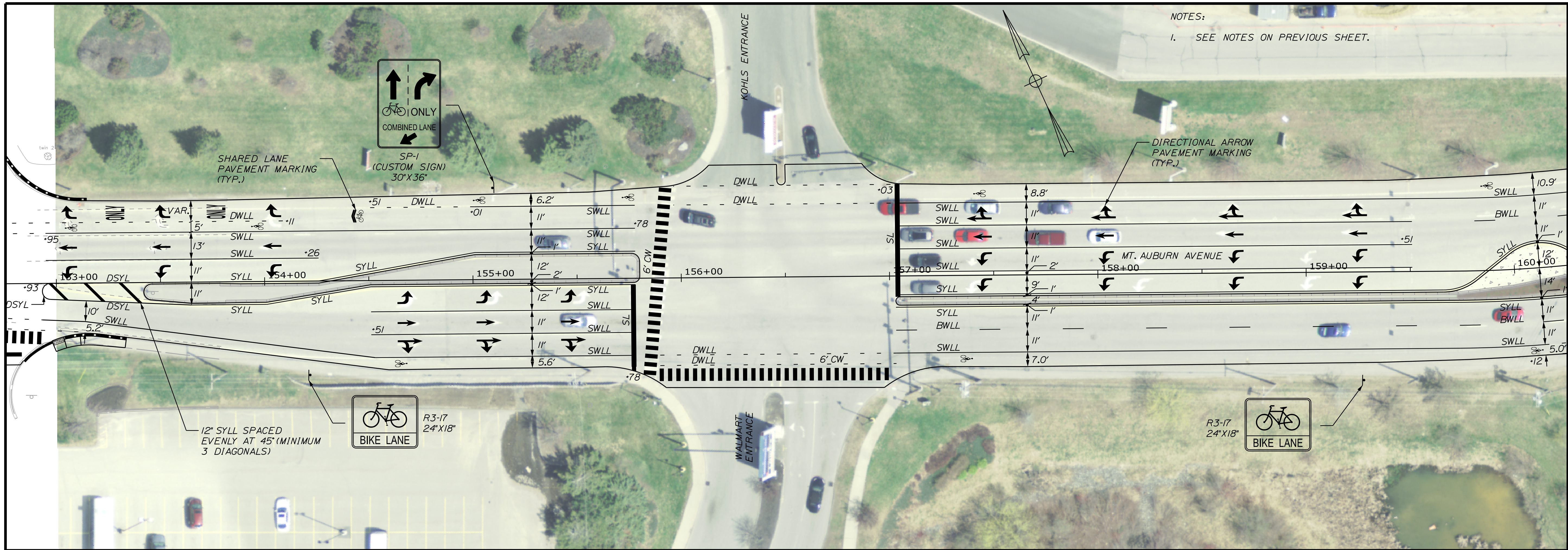
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OF 63



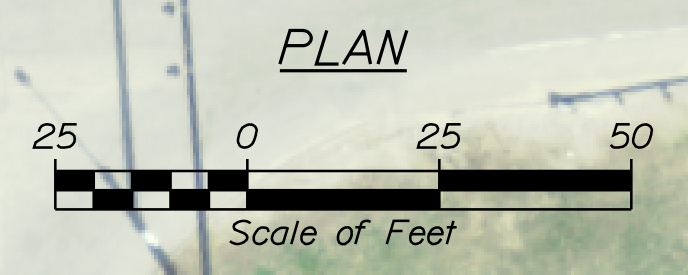
Relationships. Responsiveness. Results.
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 Division: HIGHWAY
 Username: Trey, Warren
 Date: 5/6/2022



NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.

STRIPING LEGEND	
SWLL	4" SOLID WHITE LANE LINE
SYLL	4" SOLID YELLOW LANE LINE
DSYL	4" DOUBLE SOLID YELLOW LINE
BWLL	4" BROKEN WHITE LANE LINE (10' LINE AND 30' GAP)
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SL	WHITE STOP LINE (24" WIDE)
CW	WHITE CROSSWALK (24" WIDE WITH 24" GAP)



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGNS DETAILED			
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
MT. AUBURN AVENUE
SIGNING AND STRIPING PLANS

SHEET NUMBER
21
 OF 63

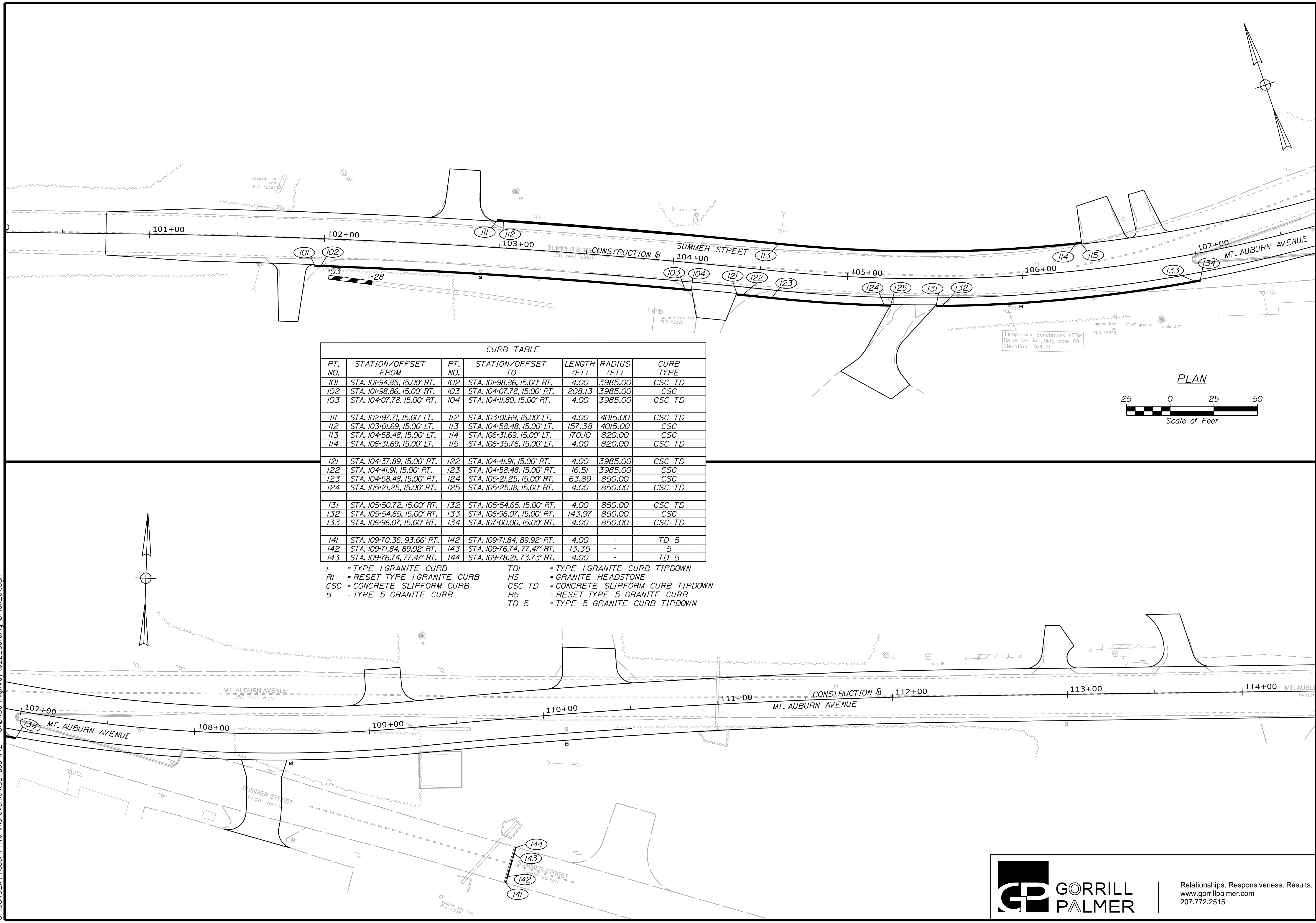
Date: 5/6/2022

Username: Trey Warren

Division: HIGHWAY

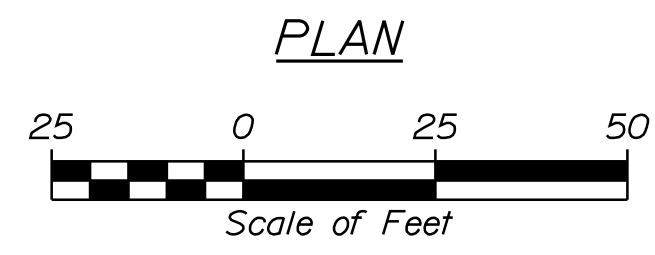
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CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
101	STA. 101+94.85, 15.00' RT.	102	STA. 101+98.86, 15.00' RT.	4.00	3985.00	CSC TD
102	STA. 101+98.86, 15.00' RT.	103	STA. 104+07.78, 15.00' RT.	208.13	3985.00	CSC
103	STA. 104+07.78, 15.00' RT.	104	STA. 104+11.80, 15.00' RT.	4.00	3985.00	CSC TD
111	STA. 102+97.71, 15.00' LT.	112	STA. 103+01.69, 15.00' LT.	4.00	4015.00	CSC TD
112	STA. 103+01.69, 15.00' LT.	113	STA. 104+58.48, 15.00' LT.	157.38	4015.00	CSC
113	STA. 104+58.48, 15.00' LT.	114	STA. 106+31.69, 15.00' LT.	170.10	820.00	CSC TD
114	STA. 106+31.69, 15.00' LT.	115	STA. 106+35.76, 15.00' LT.	4.00	820.00	CSC TD
121	STA. 104+37.89, 15.00' RT.	122	STA. 104+41.91, 15.00' RT.	4.00	3985.00	CSC TD
122	STA. 104+41.91, 15.00' RT.	123	STA. 104+58.48, 15.00' RT.	16.51	3985.00	CSC
123	STA. 104+58.48, 15.00' RT.	124	STA. 105+21.25, 15.00' RT.	63.89	850.00	CSC
124	STA. 105+21.25, 15.00' RT.	125	STA. 105+25.18, 15.00' RT.	4.00	850.00	CSC TD
131	STA. 105+50.72, 15.00' RT.	132	STA. 105+54.65, 15.00' RT.	4.00	850.00	CSC TD
132	STA. 105+54.65, 15.00' RT.	133	STA. 106+96.07, 15.00' RT.	143.97	850.00	CSC
133	STA. 106+96.07, 15.00' RT.	134	STA. 107+00.00, 15.00' RT.	4.00	850.00	CSC TD
141	STA. 109+70.36, 93.66' RT.	142	STA. 109+71.84, 89.92' RT.	4.00	-	TD 5
142	STA. 109+71.84, 89.92' RT.	143	STA. 109+76.74, 77.47' RT.	13.35	-	5
143	STA. 109+76.74, 77.47' RT.	144	STA. 109+78.21, 73.73' RT.	4.00	-	TD 5

I = TYPE I GRANITE CURB
 RI = RESET TYPE I GRANITE CURB
 CSC = CONCRETE SLIPFORM CURB
 5 = TYPE 5 GRANITE CURB
 TDI = TYPE I GRANITE CURB TIPDOWN
 HS = GRANITE HEADSTONE
 CSC TD = CONCRETE SLIPFORM CURB TIPDOWN
 R5 = RESET TYPE 5 GRANITE CURB
 TD 5 = TYPE 5 GRANITE CURB TIPDOWN



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

DESIGN: J. WARREN
 CHECKED: J. FITZMAURICE
 DESIGNED: J. WACHENBACH
 DATE: 05/22
 SIGNATURE: D. ETTINGER

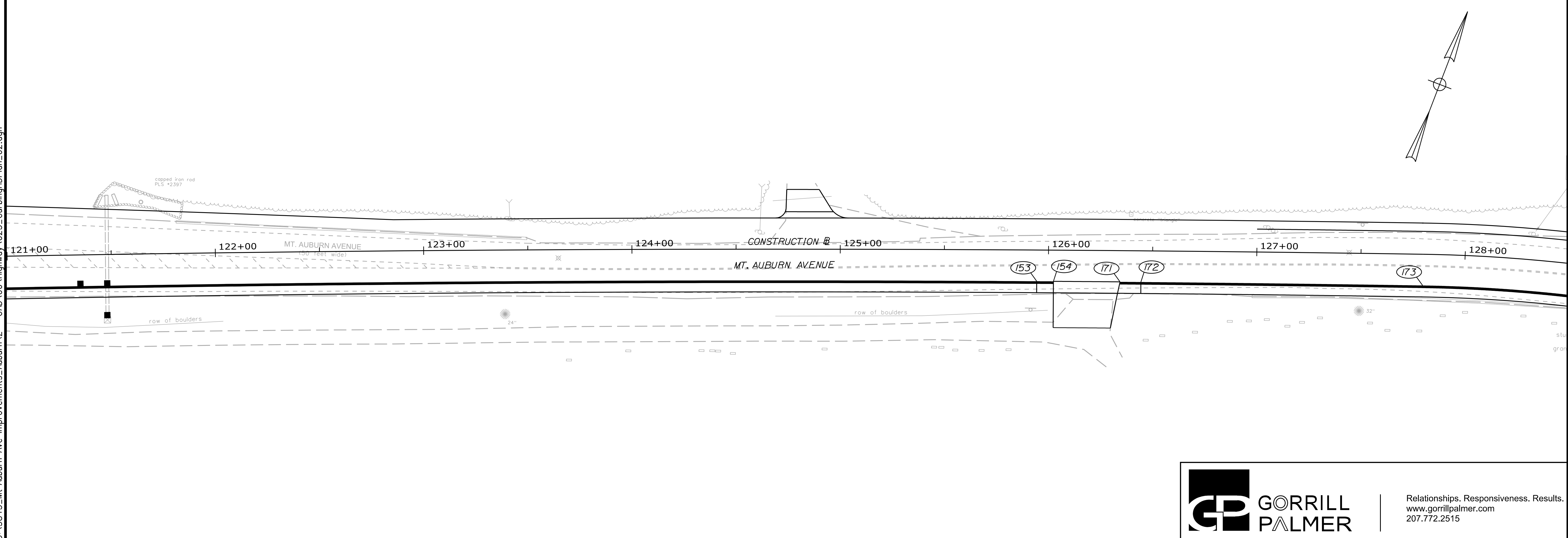
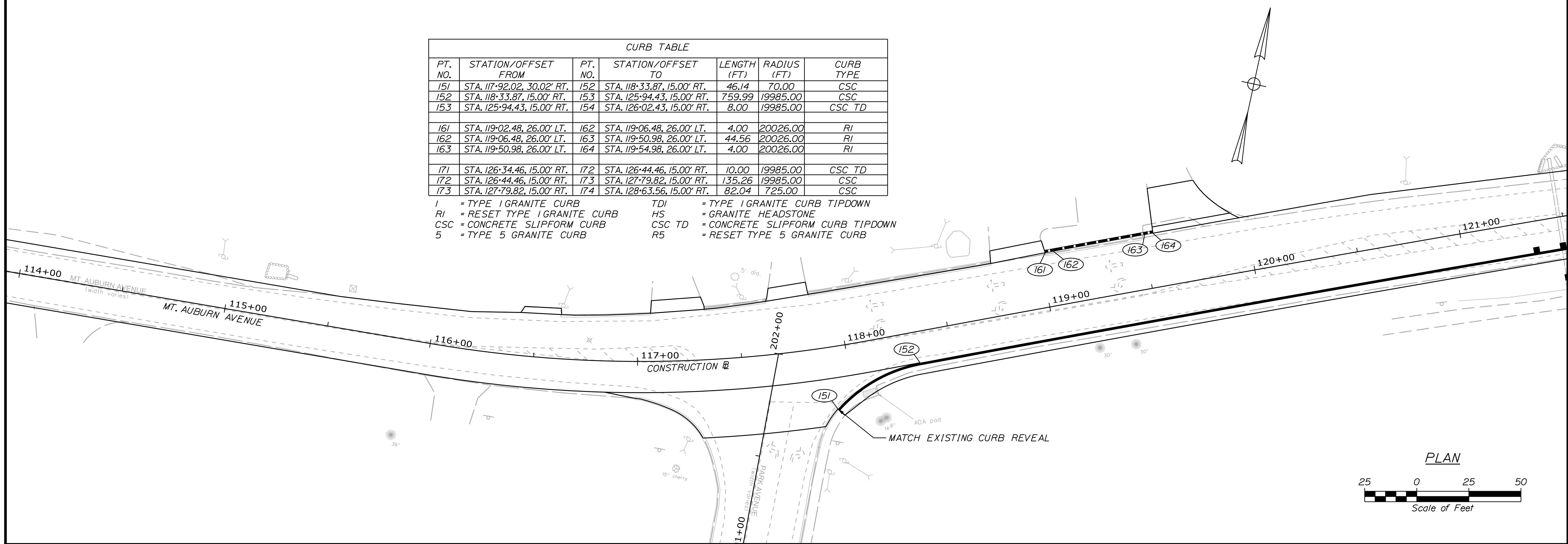
PROJ. MGR.	A. BEAULIEU	BY	DATE
DESIGN DETAILED	J. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

AUBURN AVENUE
 MT. AUBURN AVENUE
 CURBING PLANS

SHEET NUMBER
 22
 OF 63

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
151	STA. 117+92.02, 30.02' RT.	152	STA. 118+33.87, 15.00' RT.	46.14	70.00	CSC
152	STA. 118+33.87, 15.00' RT.	153	STA. 125+94.43, 15.00' RT.	759.99	19985.00	CSC
153	STA. 125+94.43, 15.00' RT.	154	STA. 126+02.43, 15.00' RT.	8.00	19985.00	CSC TD
161	STA. 119+02.48, 26.00' LT.	162	STA. 119+06.48, 26.00' LT.	4.00	20026.00	RI
162	STA. 119+06.48, 26.00' LT.	163	STA. 119+50.98, 26.00' LT.	44.56	20026.00	RI
163	STA. 119+50.98, 26.00' LT.	164	STA. 119+54.98, 26.00' LT.	4.00	20026.00	RI
171	STA. 126+34.46, 15.00' RT.	172	STA. 126+44.46, 15.00' RT.	10.00	19985.00	CSC TD
172	STA. 126+44.46, 15.00' RT.	173	STA. 127+79.82, 15.00' RT.	135.26	19985.00	CSC
173	STA. 127+79.82, 15.00' RT.	174	STA. 128+63.56, 15.00' RT.	82.04	725.00	CSC

- I = TYPE I GRANITE CURB TDI = TYPE I GRANITE CURB TIPDOWN
- RI = RESET TYPE I GRANITE CURB HS = GRANITE HEADSTONE
- CSC = CONCRETE SLIPFORM CURB CSC TD = CONCRETE SLIPFORM CURB TIPDOWN
- 5 = TYPE 5 GRANITE CURB R5 = RESET TYPE 5 GRANITE CURB



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
MT. AUBURN AVENUE
CURBING PLANS

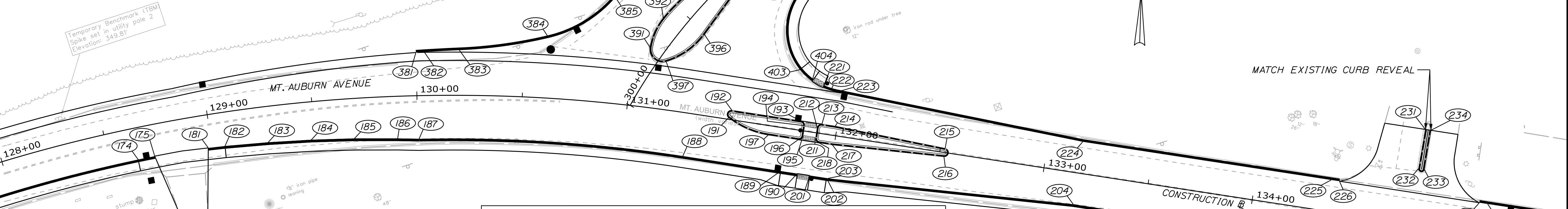
SHEET NUMBER
23
OF 63



Relationships. Responsiveness. Results.
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Date: 5/6/2022
 Username: Trey Warren
 Division: HIGHWAY
 Filename: ... \024_CurbingPlan_03.dgn
 U:\3845_Mt Auburn Ave Improvements_Auburn.V - CAD\00\Highway\024_CurbingPlan_03.dgn

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
174	STA. 128+63.56, 15.00' RT.	175	STA. 128+71.73, 15.00' RT.	8.00	725.00	CSC TD
181	STA. 128+97.99, 15.68' RT.	182	STA. 129+06.16, 16.00' RT.	8.00	-	CSC TD
182	STA. 129+06.16, 16.00' RT.	183	STA. 129+27.16, 17.00' RT.	20.56	-	CSC
183	STA. 129+27.16, 17.00' RT.	184	STA. 129+48.16, 18.00' RT.	20.53	-	CSC
184	STA. 129+48.16, 18.00' RT.	185	STA. 129+69.16, 19.00' RT.	20.50	-	CSC
185	STA. 129+69.16, 19.00' RT.	186	STA. 129+90.16, 20.00' RT.	20.47	-	CSC
186	STA. 129+90.16, 20.00' RT.	187	STA. 130+00.59, 20.50' RT.	10.16	-	CSC
187	STA. 130+00.59, 20.50' RT.	188	STA. 131+29.77, 20.50' RT.	125.60	719.50	CSC
188	STA. 131+29.77, 20.50' RT.	189	STA. 131+76.72, 20.50' RT.	46.95	-	CSC
189	STA. 131+76.72, 20.50' RT.	190	STA. 131+84.72, 20.50' RT.	8.00	-	CSC TD

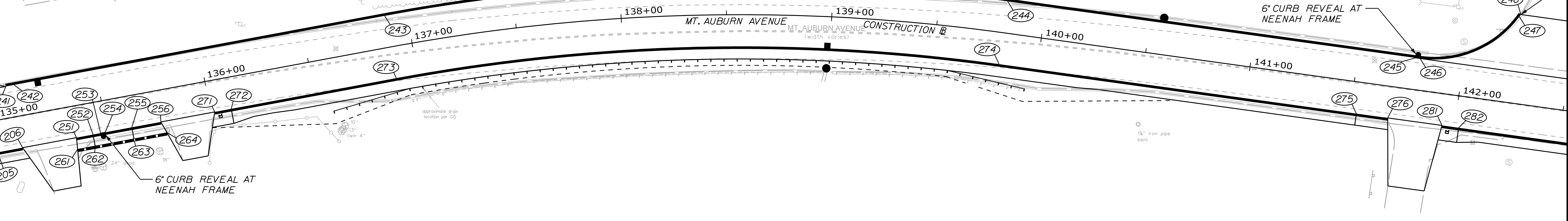


CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
191	STA. 131+48.47, 0.76' LT.	192	STA. 131+49.46, 4.50' LT.	5.25	2.00	5
192	STA. 131+49.46, 4.50' LT.	193	STA. 131+82.72, 4.50' LT.	33.25	-	5
193	STA. 131+82.72, 4.50' LT.	194	STA. 131+84.72, 2.50' LT.	3.14	2.00	5
194	STA. 131+84.72, 2.50' LT.	195	STA. 131+84.72, 2.50' RT.	5.00	-	5
195	STA. 131+84.72, 2.50' RT.	196	STA. 131+82.72, 4.50' RT.	3.14	2.00	5
196	STA. 131+82.72, 4.50' RT.	197	STA. 131+68.30, 4.50' RT.	14.41	-	5
197	STA. 131+68.30, 4.50' RT.	191	STA. 131+48.47, 0.76' LT.	20.75	40.00	5
201	STA. 131+90.72, 20.50' RT.	202	STA. 131+98.72, 20.50' RT.	8.00	-	CSC TD
202	STA. 131+98.72, 20.50' RT.	203	STA. 131+99.48, 20.50' RT.	0.77	-	CSC
203	STA. 131+99.48, 20.50' RT.	204	STA. 133+16.35, 15.00' RT.	117.00	-	CSC
204	STA. 133+16.35, 15.00' RT.	205	STA. 134+97.27, 15.00' RT.	180.92	-	CSC
205	STA. 134+97.27, 15.00' RT.	206	STA. 135+09.27, 15.00' RT.	12.00	-	CSC TD
211	STA. 131+90.72, 2.50' RT.	212	STA. 131+90.72, 2.50' LT.	5.00	-	5
212	STA. 131+90.72, 2.50' LT.	213	STA. 131+92.72, 4.50' LT.	3.14	2.00	5
213	STA. 131+92.72, 4.50' LT.	214	STA. 131+99.11, 4.50' LT.	6.39	-	5
214	STA. 131+99.11, 4.50' LT.	215	STA. 132+52.26, 2.00' LT.	53.21	-	5
215	STA. 132+52.26, 2.00' LT.	216	STA. 132+52.26, 2.00' RT.	6.10	2.00	5
216	STA. 132+52.26, 2.00' RT.	217	STA. 131+99.11, 4.50' RT.	53.21	-	5
217	STA. 131+99.11, 4.50' RT.	218	STA. 131+92.72, 4.50' RT.	6.39	-	5
218	STA. 131+92.72, 4.50' RT.	211	STA. 131+90.72, 2.50' RT.	3.14	2.00	5
221	STA. 131+90.56, 21.70' LT.	222	STA. 131+94.47, 20.87' LT.	4.00	30.00	CSC TD
222	STA. 131+94.47, 20.87' LT.	223	STA. 131+97.30, 20.60' LT.	2.85	30.00	CSC
223	STA. 131+97.30, 20.60' LT.	224	STA. 133+16.32, 15.00' RT.	119.15	-	CSC
224	STA. 133+16.32, 15.00' RT.	225	STA. 134+35.60, 15.00' RT.	119.28	-	CSC
225	STA. 134+35.60, 15.00' RT.	226	STA. 134+39.60, 15.00' RT.	4.00	-	CSC TD

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
231	STA. 134+76.17, 45.50' LT.	232	STA. 134+75.80, 26.36' LT.	18.85	-	R5
332	STA. 134+75.80, 26.36' LT.	233	STA. 134+78.56, 26.60' LT.	4.34	1.38	R5
233	STA. 134+78.56, 26.60' LT.	234	STA. 134+78.81, 45.50' LT.	18.90	-	R5
381	STA. 130+00.00, 20.47' LT.	382	STA. 130+03.89, 20.66' LT.	4.00	755.00	CSC TD
382	STA. 130+03.89, 20.66' LT.	383	STA. 130+20.07, 21.42' LT.	16.66	755.00	CSC
383	STA. 130+20.07, 21.42' LT.	384	STA. 130+60.92, 28.63' LT.	42.90	225.00	CSC
384	STA. 130+60.92, 28.63' LT.	385	STA. 300+36.60, 34.14' LT.	37.61	60.00	CSC
385	STA. 300+36.60, 34.14' LT.	386	STA. 301+03.92, 25.18' LT.	75.76	200.00	CSC
386	STA. 301+03.92, 25.18' LT.	387	STA. 301+25.00, 21.32' LT.	23.29	400.00	CSC
391	STA. 300+27.95, 6.81' LT.	392	STA. 300+42.49, 10.28' LT.	15.58	30.00	R5
392	STA. 300+42.49, 10.28' LT.	393	STA. 300+66.71, 7.59' LT.	25.28	85.00	R5
393	STA. 300+66.71, 7.59' LT.	394	STA. 300+90.36, 1.97' LT.	24.75	155.00	R5
394	STA. 300+90.36, 1.97' LT.	395	STA. 300+90.25, 3.85' RT.	7.95	3.00	R5
395	STA. 300+90.25, 3.85' RT.	396	STA. 300+48.76, 9.85' RT.	40.80	-	R5
396	STA. 300+48.76, 9.85' RT.	397	STA. 300+26.92, 3.31' RT.	22.66	35.00	R5
397	STA. 300+26.92, 3.31' RT.	391	STA. 300+27.95, 6.81' LT.	12.14	6.00	R5
401	STA. 301+25.00, 20.87' RT.	402	STA. 300+96.94, 27.20' RT.	26.26	140.00	CSC
402	STA. 300+96.94, 27.20' RT.	403	STA. 131+78.44, 28.45' LT.	38.34	30.00	CSC
403	STA. 131+78.44, 28.45' LT.	404	STA. 131+84.99, 23.89' LT.	8.00	30.00	CSC TD

I = TYPE I GRANITE CURB
 RI = RESET TYPE I GRANITE CURB
 CSC = CONCRETE SLIPFORM CURB
 5 = TYPE 5 GRANITE CURB
 I-42 = 42" GRANITE CURB TYPE I
 -18" REVEAL
 TDI = TYPE I GRANITE CURB TIPDOWN
 HS = GRANITE HEADSTONE
 CSC TD = CONCRETE SLIPFORM CURB TIPDOWN
 R5 = RESET TYPE 5 GRANITE CURB
 I-42 TD = 42" GRANITE CURB TYPE I TIPDOWN
 -6" REVEAL

CURB TABLE						
PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
241	STA. 135+06.72, 15.00' LT.	242	STA. 135+10.72, 15.00' LT.	4.00	-	CSC TD
242	STA. 135+10.72, 15.00' LT.	243	STA. 136+89.65, 15.00' LT.	178.93	-	CSC
243	STA. 136+89.65, 15.00' LT.	244	STA. 139+81.83, 15.00' LT.	297.00	925.00	CSC
244	STA. 139+81.83, 15.00' LT.	245	STA. 141+77.23, 15.00' LT.	195.40	-	CSC
245	STA. 141+77.23, 15.00' LT.	246	STA. 142+23.33, 41.13' LT.	53.65	50.00	CSC
246	STA. 142+23.33, 41.13' LT.	247	STA. 142+23.91, 42.20' LT.	1.22	-	CSC
251	STA. 135+35.27, 15.00' RT.	252	STA. 135+43.27, 15.00' RT.	8.00	-	CSC TD
252	STA. 135+43.27, 15.00' RT.	253	STA. 135+46.94, 15.00' RT.	3.67	-	CSC
253	STA. 135+46.94, 15.00' RT.	254	STA. 135+62.00, 15.00' RT.	12.89	-	CSC
254	STA. 135+62.00, 15.00' RT.	255	STA. 135+62.00, 15.00' RT.	14.00	-	CSC TD
255	STA. 135+62.00, 15.00' RT.	256	STA. 135+76.00, 15.00' RT.	14.00	-	CSC TD
261	STA. 135+34.79, 20.50' RT.	262	STA. 135+43.27, 20.50' RT.	8.48	-	I-42 TD
262	STA. 135+43.27, 20.50' RT.	263	STA. 135+62.00, 20.50' RT.	18.73	-	I-42
263	STA. 135+62.00, 20.50' RT.	264	STA. 135+77.95, 20.50' RT.	15.95	-	I-42 TD
271	STA. 136+02.00, 15.00' RT.	272	STA. 136+10.00, 15.00' RT.	8.00	-	CSC TD
272	STA. 136+10.00, 15.00' RT.	273	STA. 136+89.65, 15.00' RT.	79.65	-	CSC
273	STA. 136+89.65, 15.00' RT.	274	STA. 139+81.83, 15.00' RT.	287.36	895.00	CSC
274	STA. 139+81.83, 15.00' RT.	275	STA. 141+53.00, 15.00' RT.	171.17	-	CSC
275	STA. 141+53.00, 15.00' RT.	276	STA. 141+68.00, 15.00' RT.	15.00	-	CSC TD
281	STA. 141+94.00, 15.00' RT.	282	STA. 142+02.00, 15.00' RT.	8.00	-	CSC TD



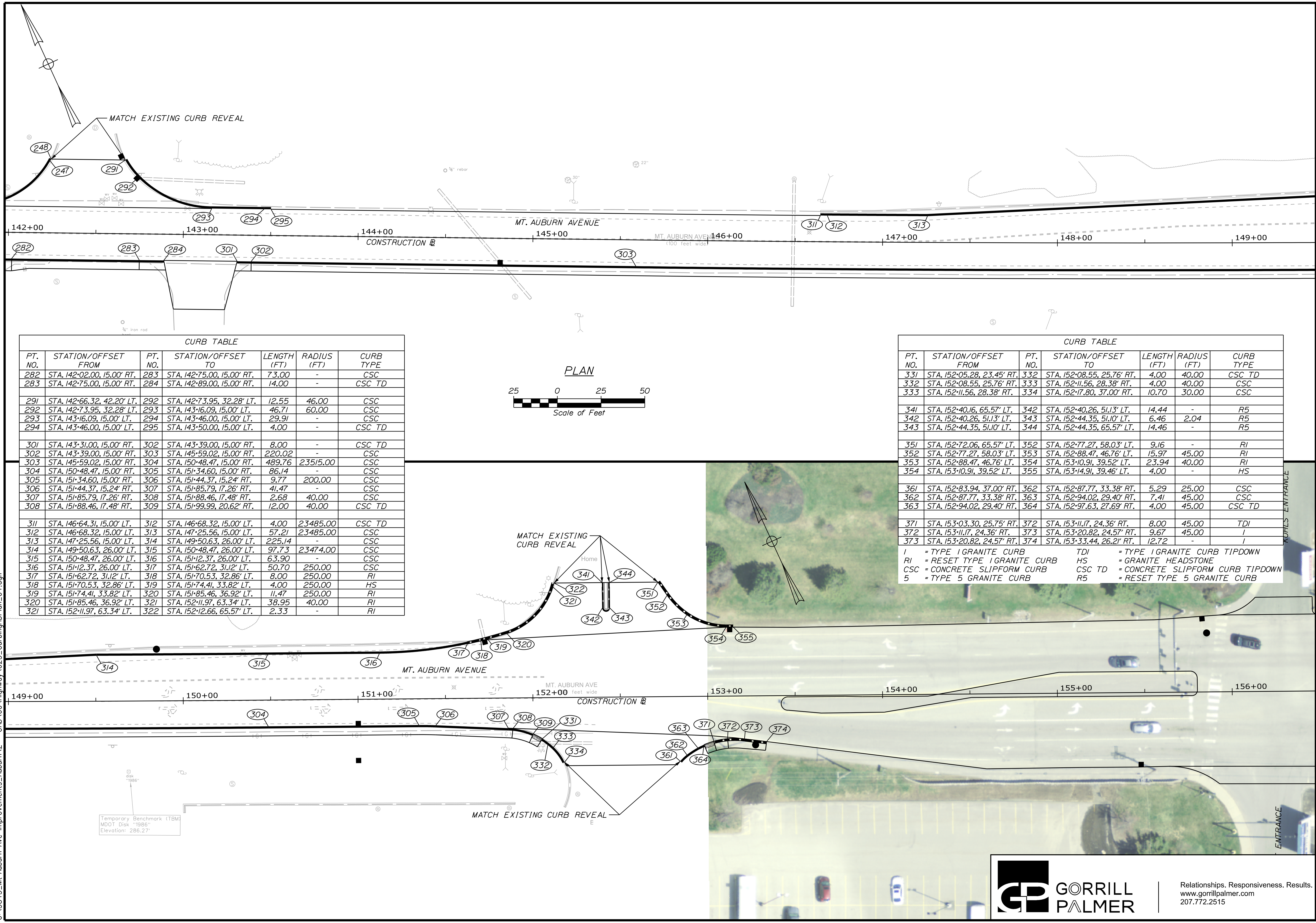
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEALLIEU	BY	T. WARREN	DATE	05/22
CHECKED/REVIEWED	J. FITZMAURICE	DESIGNED/TAILED	J. WUNDERBACH	DATE	05/22
DESIGNED/TAILED	D. EITINGER	REVISIONS 1			
REVISIONS 2		REVISIONS 3			
REVISIONS 4		FIELD CHANGES			

AUBURN AVENUE
MT. AUBURN AVENUE
CURBING PLANS

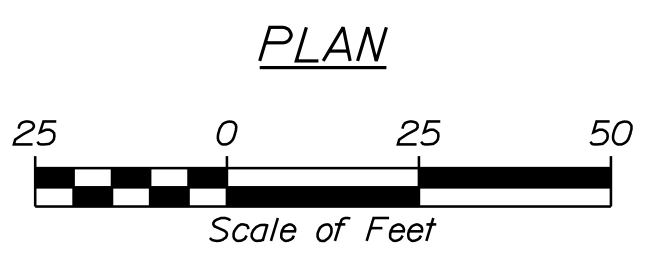
SHEET NUMBER
24
OF 63

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 Division: HIGHWAY
 Username: Trey, Warren
 Date: 5/6/2022



CURB TABLE

PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
282	STA. 142+02.00, 15.00' RT.	283	STA. 142+75.00, 15.00' RT.	73.00	-	CSC
283	STA. 142+75.00, 15.00' RT.	284	STA. 142+89.00, 15.00' RT.	14.00	-	CSC TD
291	STA. 142+66.32, 42.20' LT.	292	STA. 142+73.95, 32.28' LT.	12.55	46.00	CSC
292	STA. 142+73.95, 32.28' LT.	293	STA. 143+16.09, 15.00' LT.	46.71	60.00	CSC
293	STA. 143+16.09, 15.00' LT.	294	STA. 143+46.00, 15.00' LT.	29.91	-	CSC
294	STA. 143+46.00, 15.00' LT.	295	STA. 143+50.00, 15.00' LT.	4.00	-	CSC TD
301	STA. 143+31.00, 15.00' RT.	302	STA. 143+39.00, 15.00' RT.	8.00	-	CSC TD
302	STA. 143+39.00, 15.00' RT.	303	STA. 145+59.02, 15.00' RT.	220.02	-	CSC
303	STA. 145+59.02, 15.00' RT.	304	STA. 150+48.47, 15.00' RT.	489.76	23515.00	CSC
304	STA. 150+48.47, 15.00' RT.	305	STA. 151+34.60, 15.00' RT.	86.14	-	CSC
305	STA. 151+34.60, 15.00' RT.	306	STA. 151+44.37, 15.24' RT.	9.77	200.00	CSC
306	STA. 151+44.37, 15.24' RT.	307	STA. 151+85.79, 17.26' RT.	41.47	-	CSC
307	STA. 151+85.79, 17.26' RT.	308	STA. 151+88.46, 17.48' RT.	2.68	40.00	CSC
308	STA. 151+88.46, 17.48' RT.	309	STA. 151+99.99, 20.62' RT.	12.00	40.00	CSC TD
311	STA. 146+64.31, 15.00' LT.	312	STA. 146+68.32, 15.00' LT.	4.00	23485.00	CSC TD
312	STA. 146+68.32, 15.00' LT.	313	STA. 147+25.56, 15.00' LT.	57.21	23485.00	CSC
313	STA. 147+25.56, 15.00' LT.	314	STA. 149+50.63, 26.00' LT.	225.14	-	CSC
314	STA. 149+50.63, 26.00' LT.	315	STA. 150+48.47, 26.00' LT.	97.73	23474.00	CSC
315	STA. 150+48.47, 26.00' LT.	316	STA. 151+2.37, 26.00' LT.	63.90	-	CSC
316	STA. 151+2.37, 26.00' LT.	317	STA. 151+62.72, 31.12' LT.	50.70	250.00	CSC
317	STA. 151+62.72, 31.12' LT.	318	STA. 151+70.53, 32.86' LT.	8.00	250.00	RI
318	STA. 151+70.53, 32.86' LT.	319	STA. 151+74.41, 33.82' LT.	4.00	250.00	HS
319	STA. 151+74.41, 33.82' LT.	320	STA. 151+85.46, 36.92' LT.	11.47	250.00	RI
320	STA. 151+85.46, 36.92' LT.	321	STA. 152+11.97, 63.34' LT.	38.95	40.00	RI
321	STA. 152+11.97, 63.34' LT.	322	STA. 152+12.66, 65.57' LT.	2.33	-	RI



CURB TABLE

PT. NO.	STATION/OFFSET FROM	PT. NO.	STATION/OFFSET TO	LENGTH (FT)	RADIUS (FT)	CURB TYPE
331	STA. 152+05.28, 23.45' RT.	332	STA. 152+08.55, 25.76' RT.	4.00	40.00	CSC TD
332	STA. 152+08.55, 25.76' RT.	333	STA. 152+11.56, 28.38' RT.	4.00	40.00	CSC
333	STA. 152+11.56, 28.38' RT.	334	STA. 152+17.80, 37.00' RT.	10.70	30.00	CSC
341	STA. 152+40.16, 65.57' LT.	342	STA. 152+40.26, 51.13' LT.	14.44	-	R5
342	STA. 152+40.26, 51.13' LT.	343	STA. 152+44.35, 51.10' LT.	6.46	2.04	R5
343	STA. 152+44.35, 51.10' LT.	344	STA. 152+44.35, 65.57' LT.	14.46	-	R5
351	STA. 152+72.06, 65.57' LT.	352	STA. 152+77.27, 58.03' LT.	9.16	-	RI
352	STA. 152+77.27, 58.03' LT.	353	STA. 152+88.47, 46.76' LT.	15.97	45.00	RI
353	STA. 152+88.47, 46.76' LT.	354	STA. 153+10.91, 39.52' LT.	23.94	40.00	RI
354	STA. 153+10.91, 39.52' LT.	355	STA. 153+14.91, 39.46' LT.	4.00	-	HS
361	STA. 152+83.94, 37.00' RT.	362	STA. 152+87.77, 33.38' RT.	5.29	25.00	CSC
362	STA. 152+87.77, 33.38' RT.	363	STA. 152+94.02, 29.40' RT.	7.41	45.00	CSC
363	STA. 152+94.02, 29.40' RT.	364	STA. 152+97.63, 27.69' RT.	4.00	45.00	CSC TD
371	STA. 153+03.30, 25.75' RT.	372	STA. 153+11.17, 24.36' RT.	8.00	45.00	TDI
372	STA. 153+11.17, 24.36' RT.	373	STA. 153+20.82, 24.57' RT.	9.67	45.00	I
373	STA. 153+20.82, 24.57' RT.	374	STA. 153+33.44, 26.21' RT.	12.72	-	I

I = TYPE 1 GRANITE CURB TDI = TYPE 1 GRANITE CURB TIPDOWN
 RI = RESET TYPE 1 GRANITE CURB HS = GRANITE HEADSTONE
 CSC = CONCRETE SLIPFORM CURB CSC TD = CONCRETE SLIPFORM CURB TIPDOWN
 5 = TYPE 5 GRANITE CURB R5 = RESET TYPE 5 GRANITE CURB

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

AUBURN AVENUE
MT. AUBURN AVENUE
CURBING PLANS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
CHECKED/REVIEWED	T. WARREN	J. FITZMAURICE	05/22
DESIGNED/TAILED	J. WACHENBACH	D. FITZINGER	05/22
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE _____
 P.E. NUMBER _____
 DATE _____

SHEET NUMBER
25
 OF 63

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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

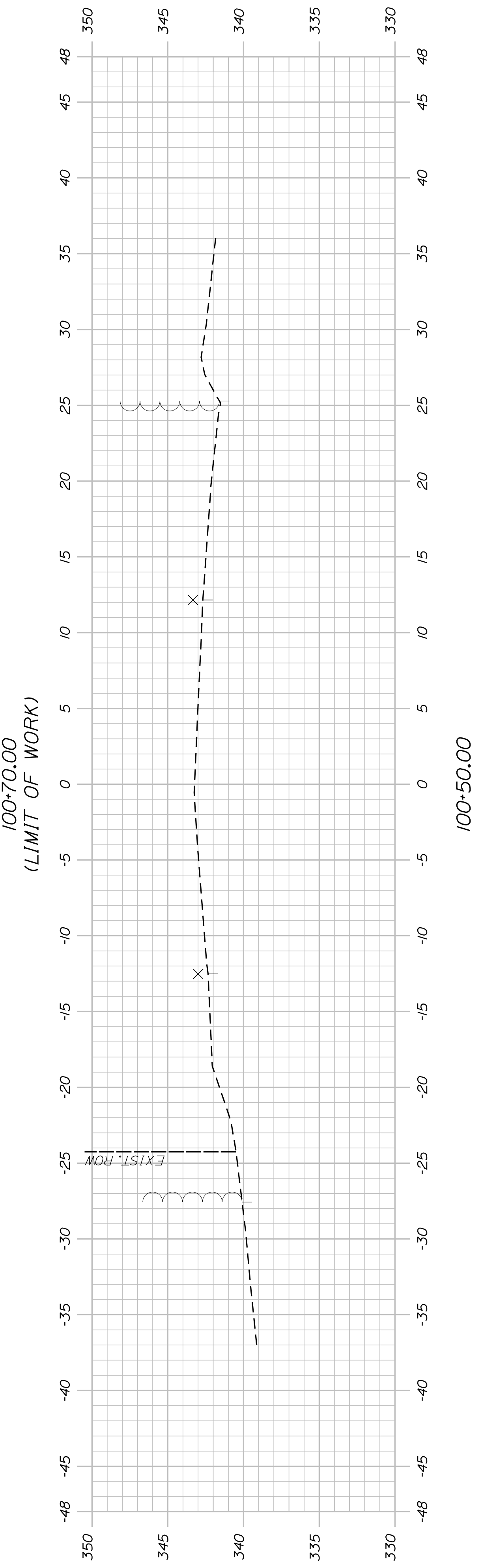
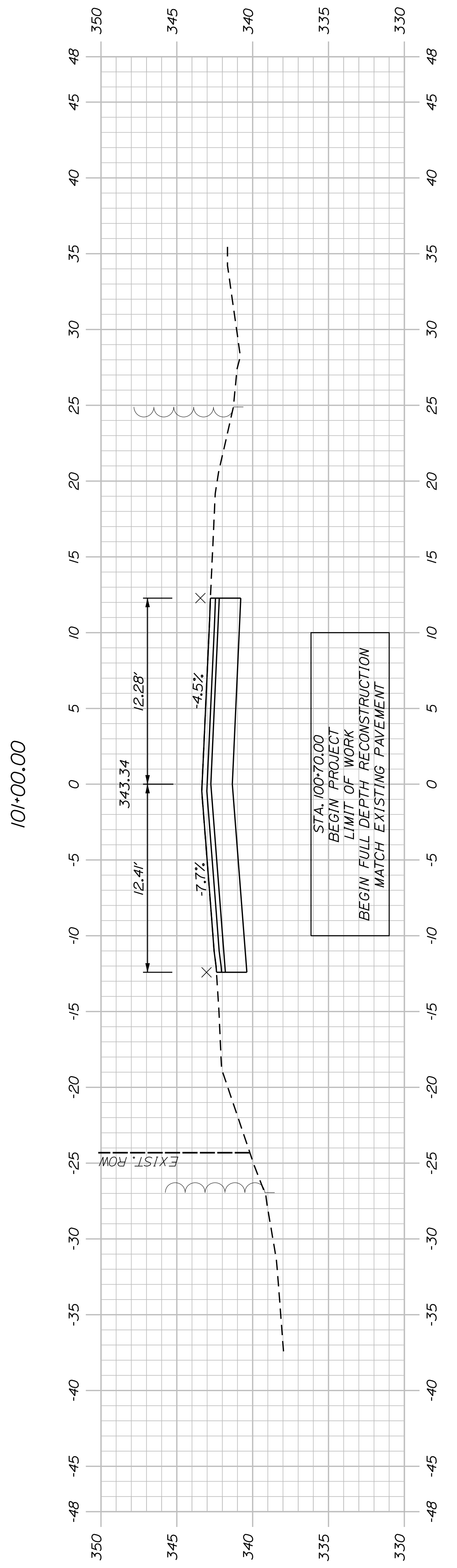
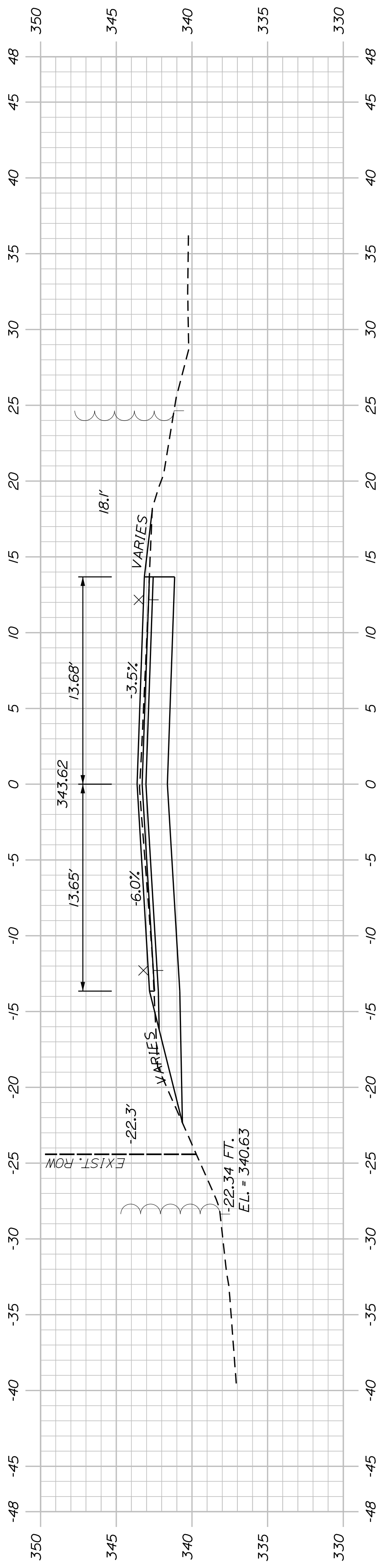
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGNS DETAILED	-	-	-
DESIGNS DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

AUBURN AVENUE
MT. AUBURN AVENUE
CURBING PLANS

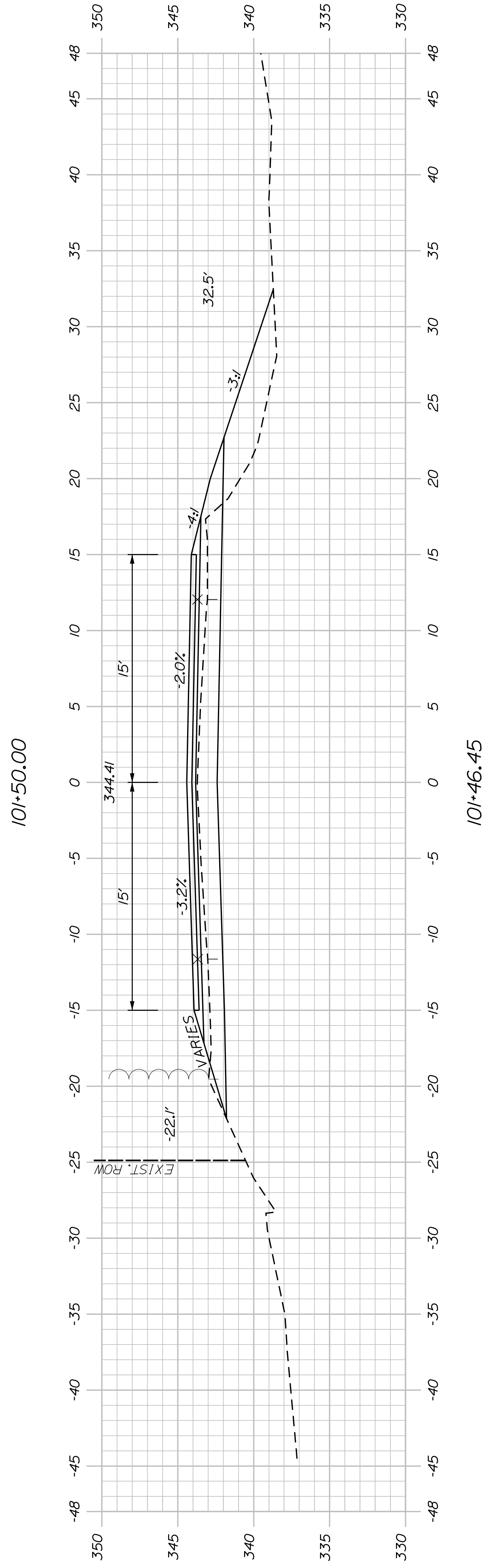
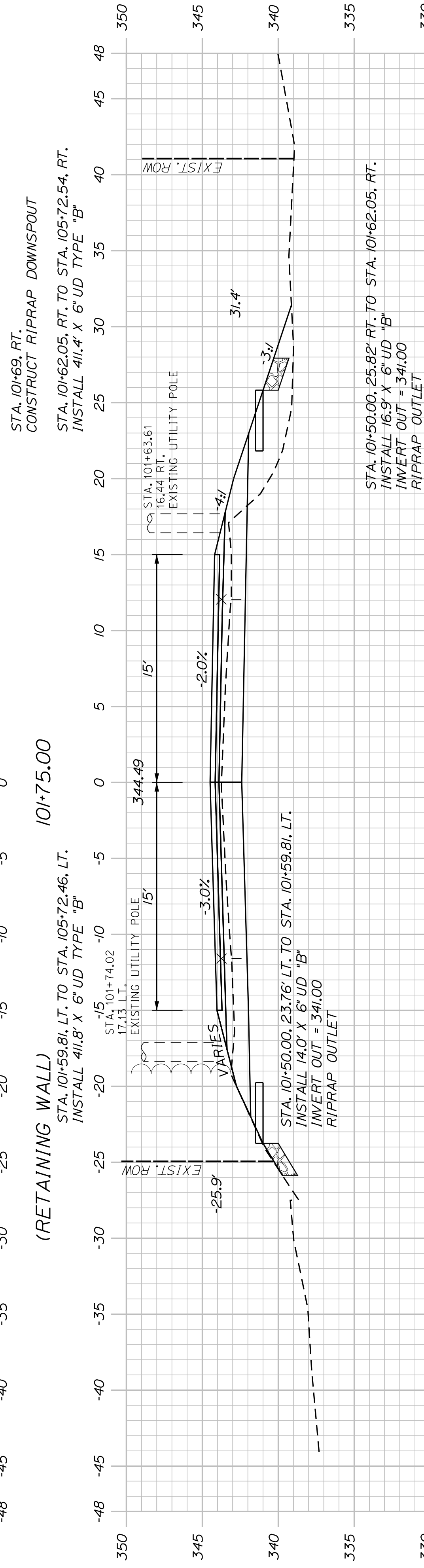
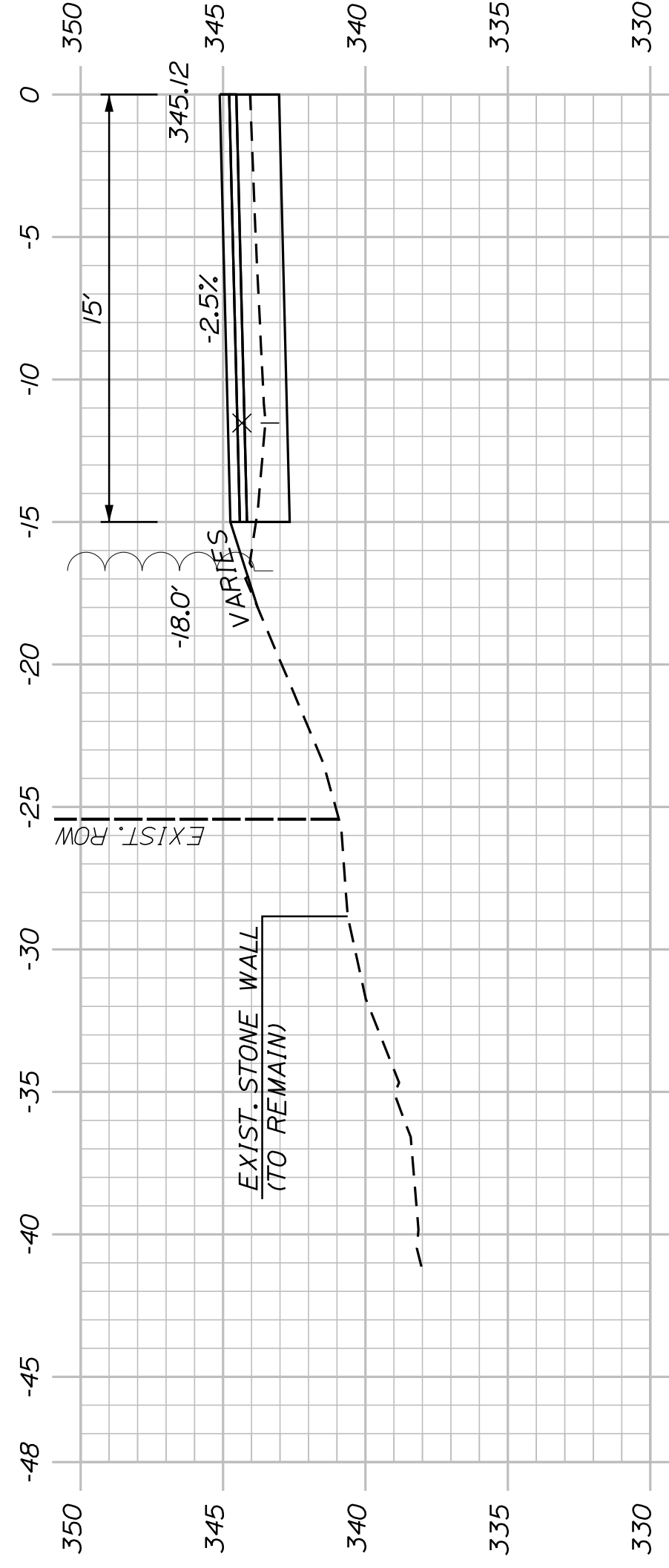
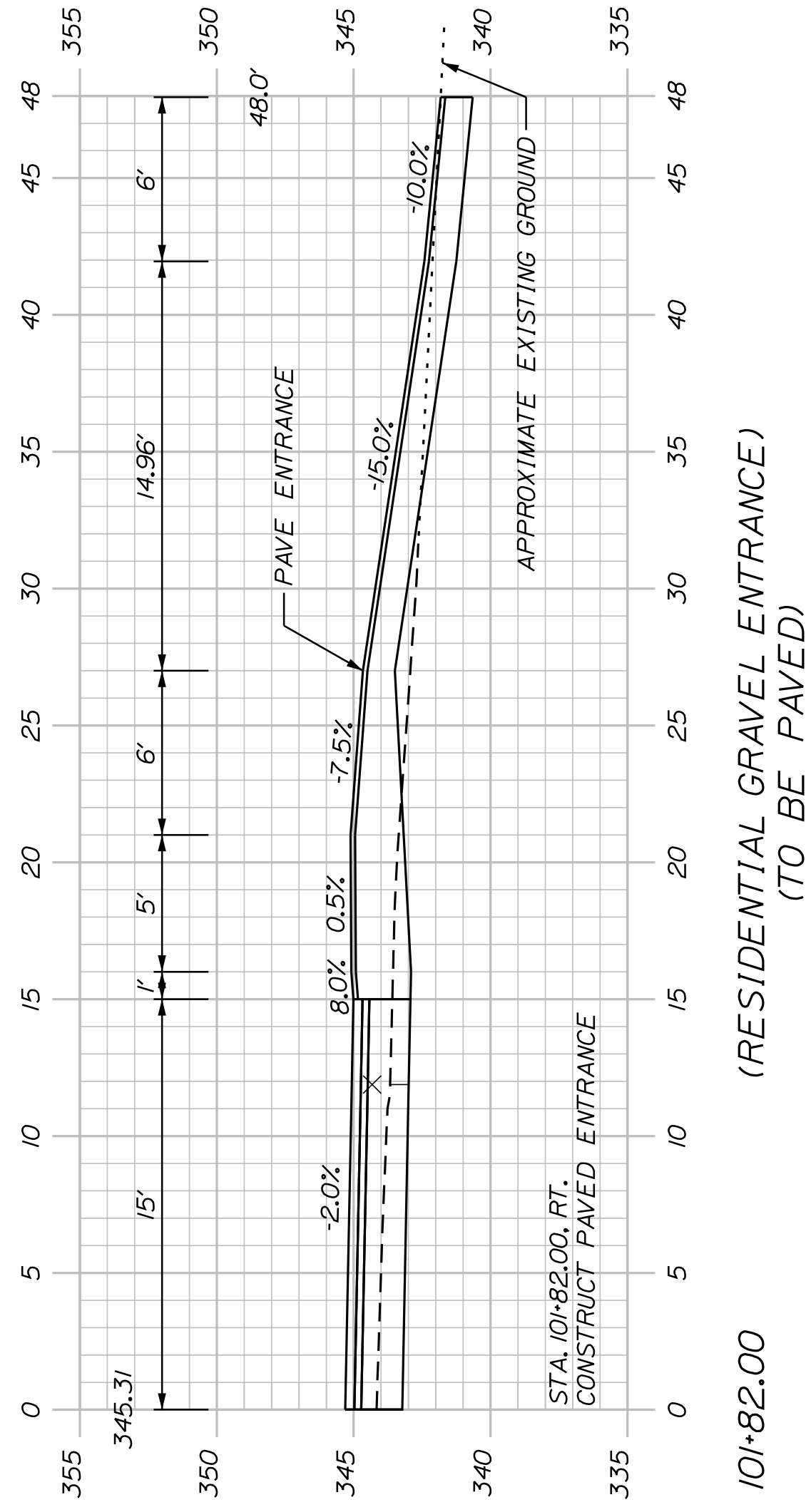
SHEET NUMBER
26
OF 63



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PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-



SHEET NUMBER

28

OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

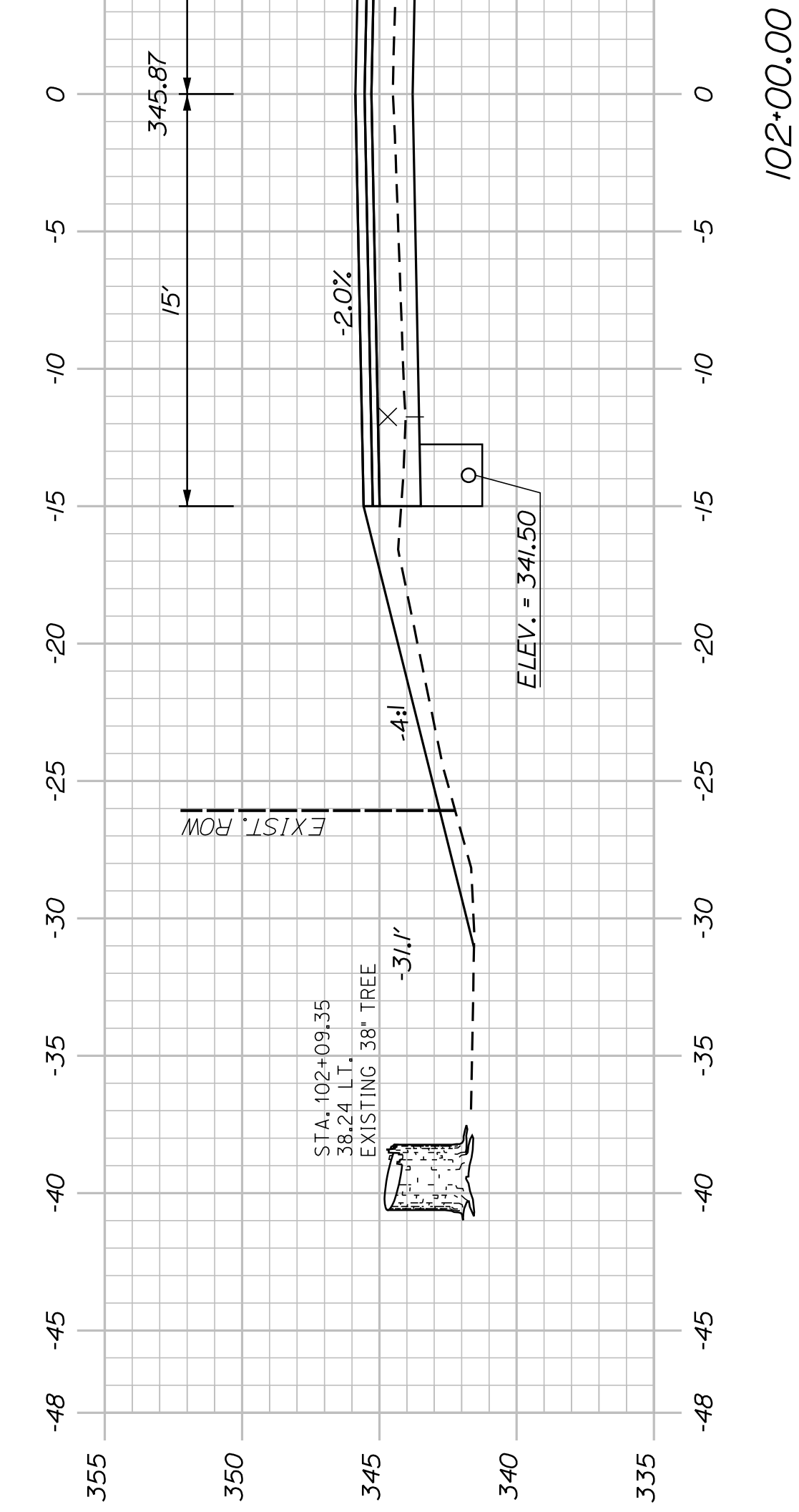
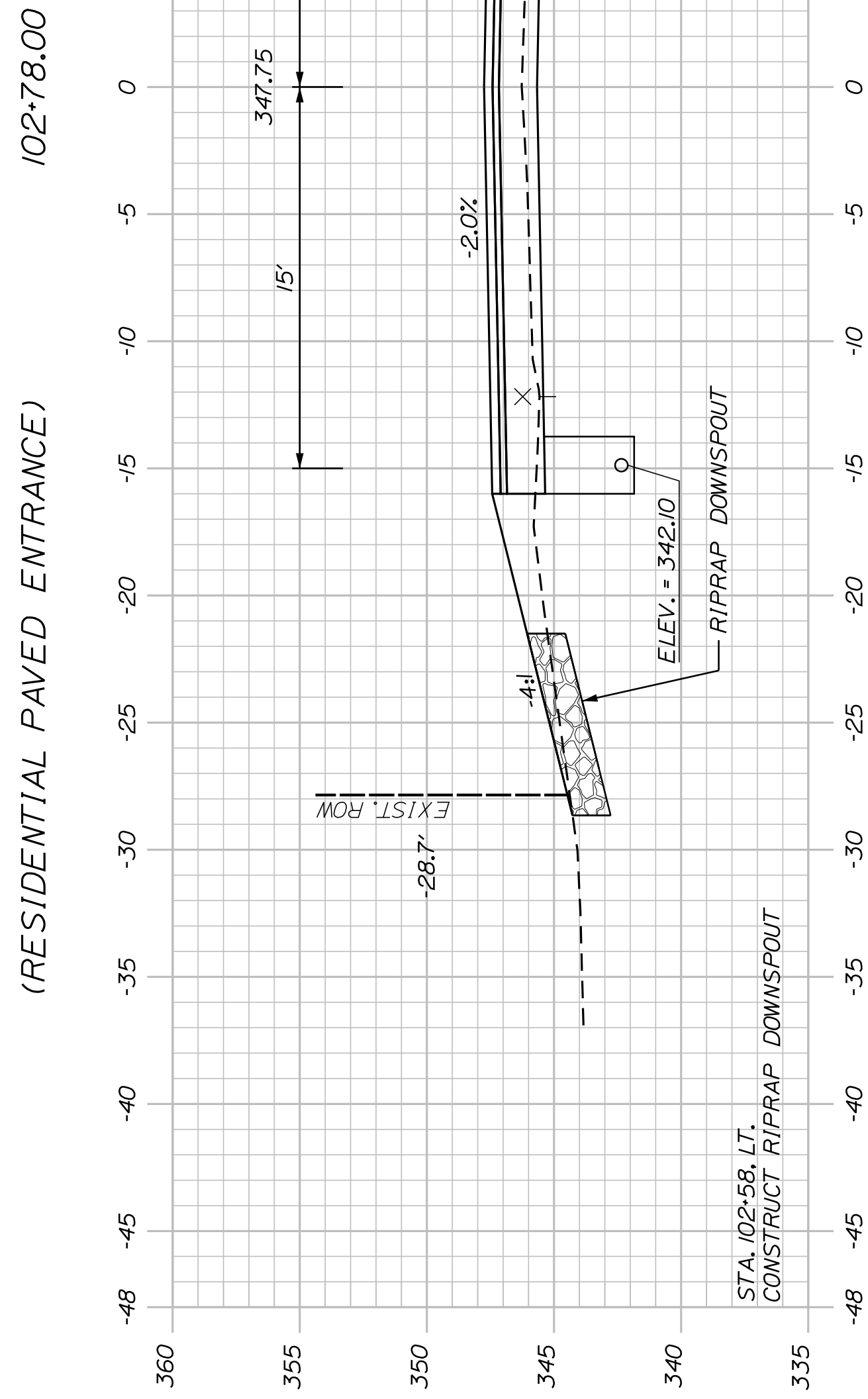
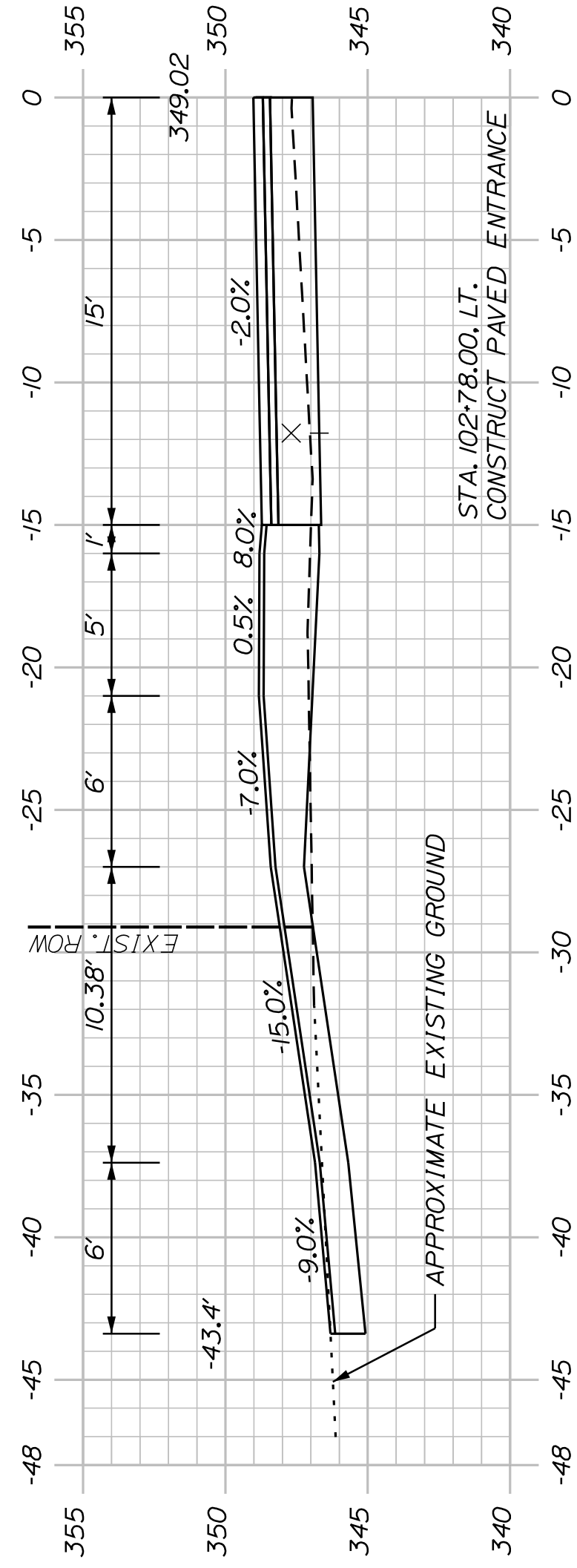
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

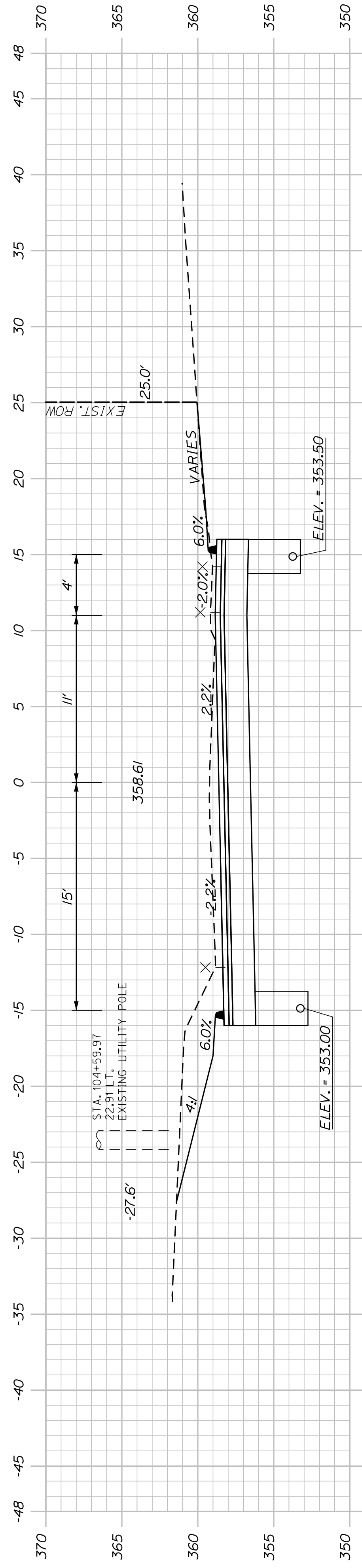
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DATE

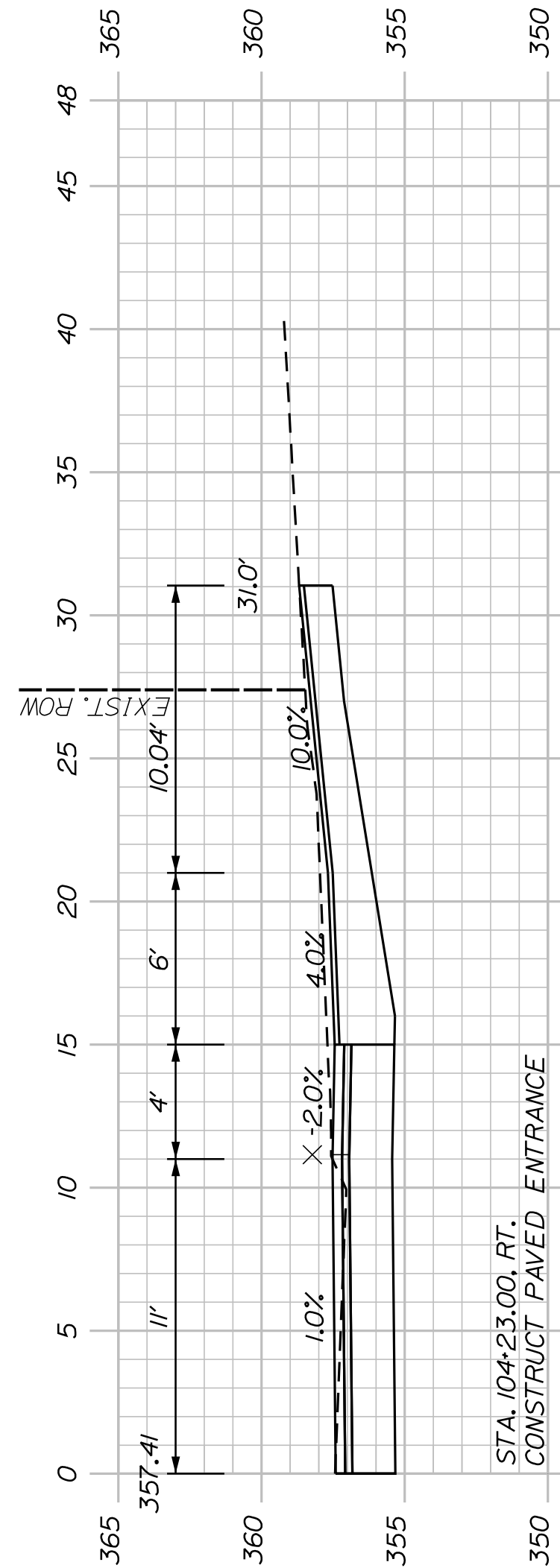
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



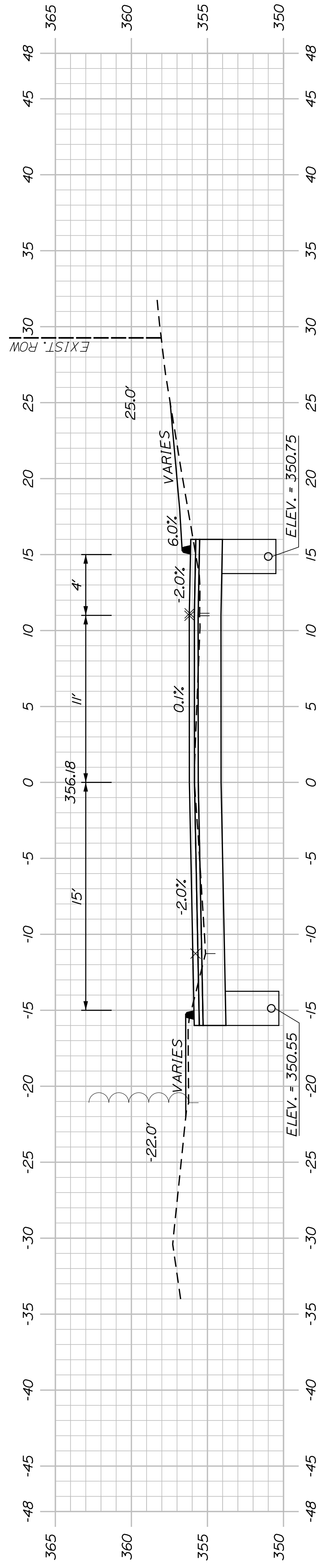
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



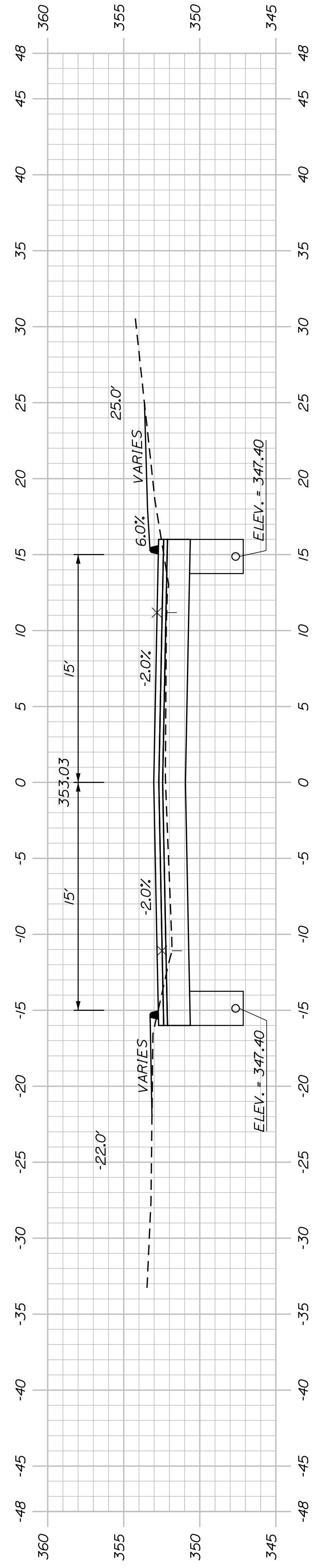
104+50.00



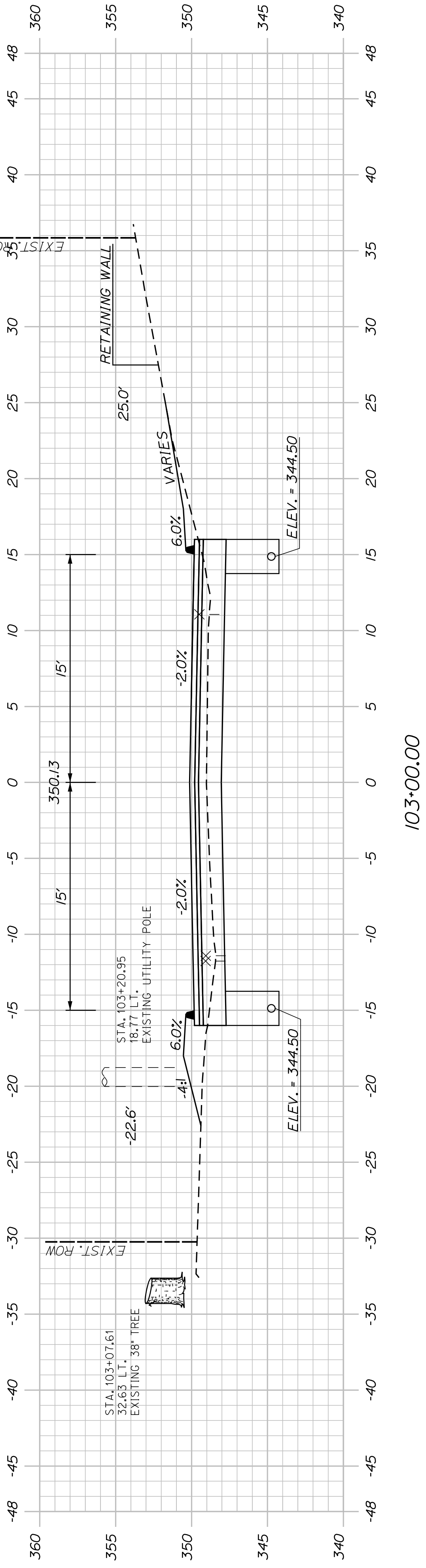
104+23.00 (RESIDENTIAL PAVED ENTRANCE)



104+00.00



103+50.00



103+00.00

SHEET NUMBER

30

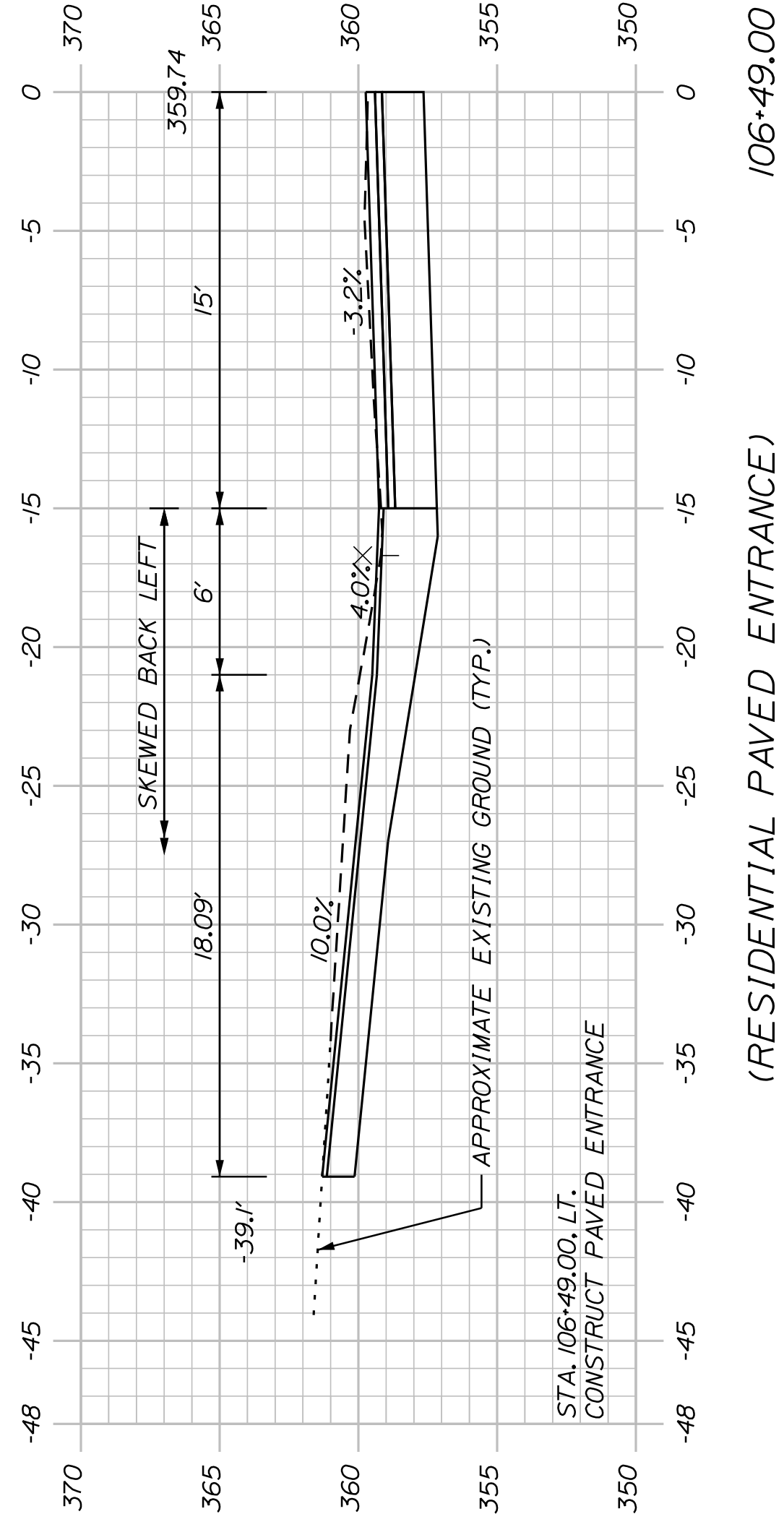
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

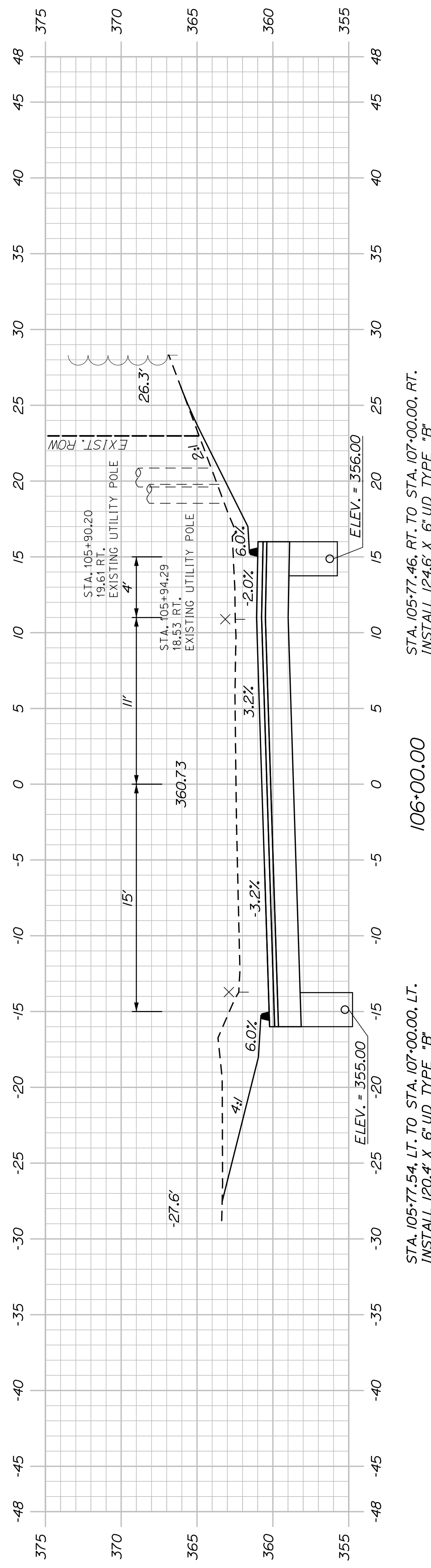
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

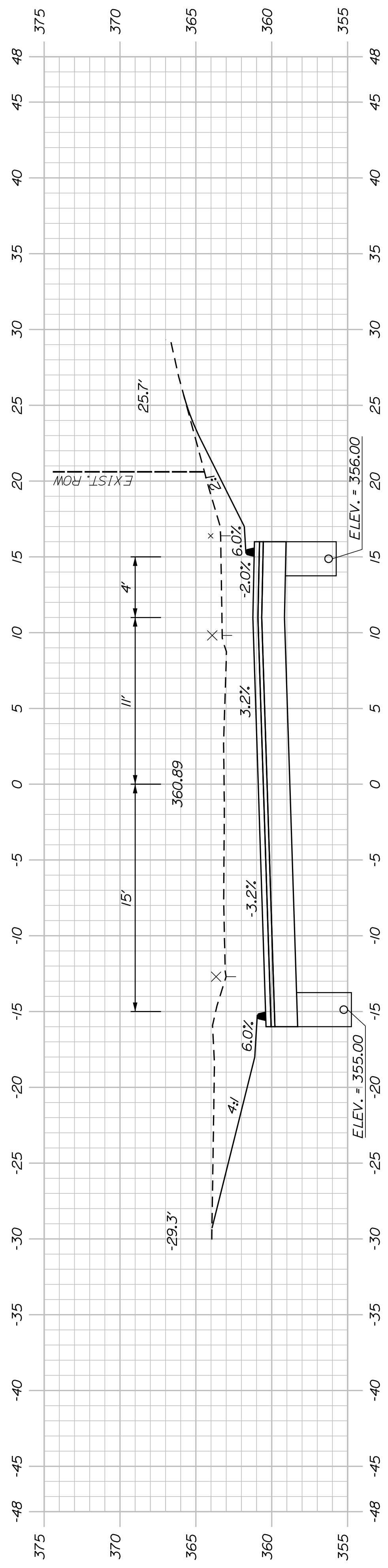
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



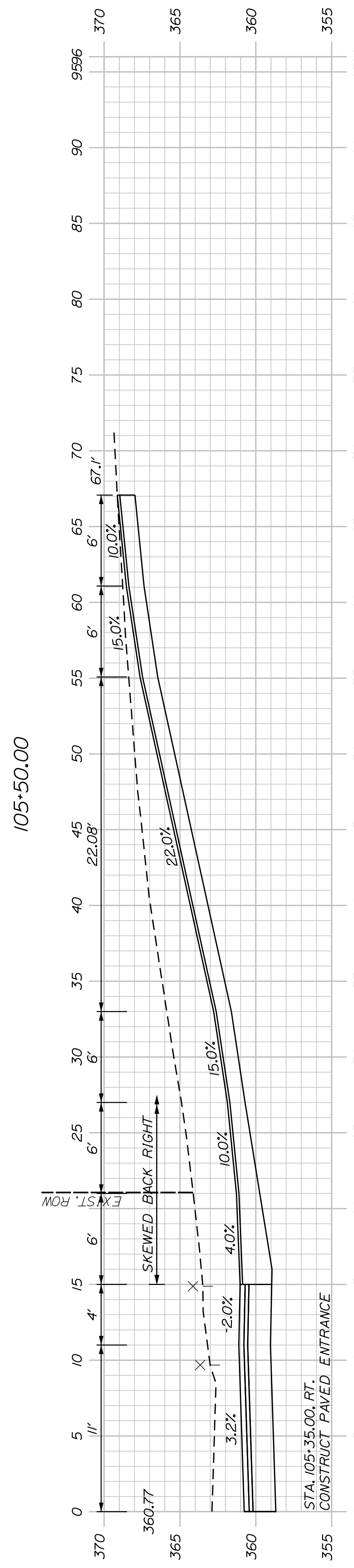
(RESIDENTIAL PAVED ENTRANCE) 106+49.00



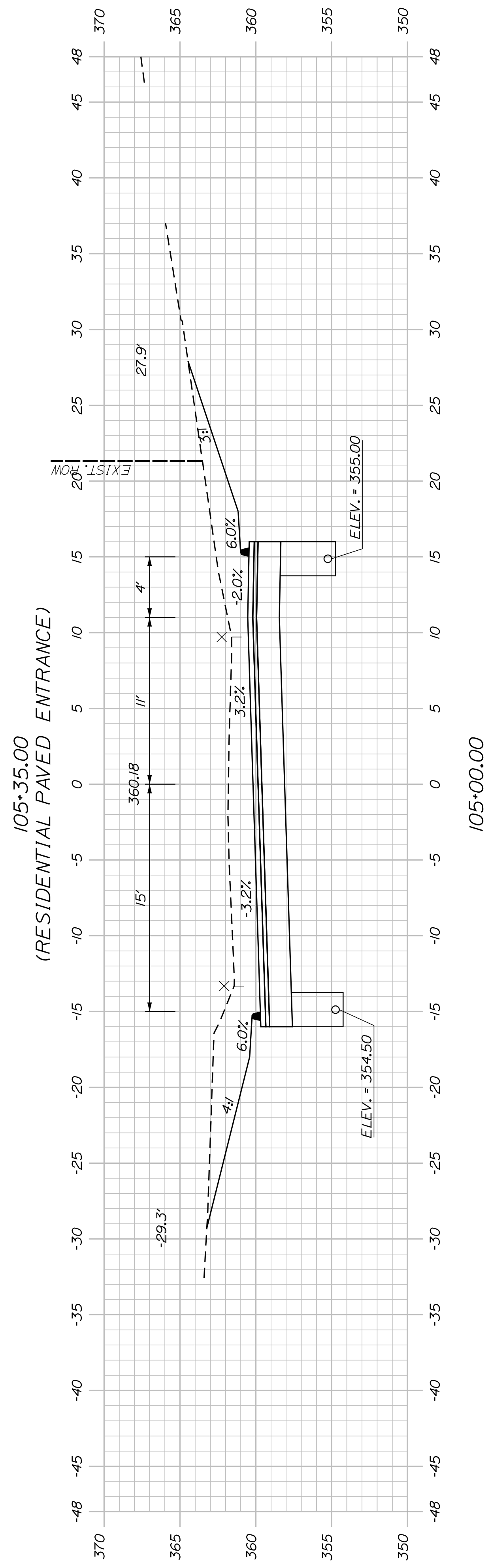
STA. 105+77.46, RT. TO STA. 107+00.00, RT. INSTALL 124.6' X 6' UD TYPE 'B'



STA. 105+77.54, LT. TO STA. 107+00.00, LT. INSTALL 120.4' X 6' UD TYPE 'B'



STA. 105+35.00, RT. CONSTRUCT PAVED ENTRANCE



(RESIDENTIAL PAVED ENTRANCE) 105+35.00

SHEET NUMBER

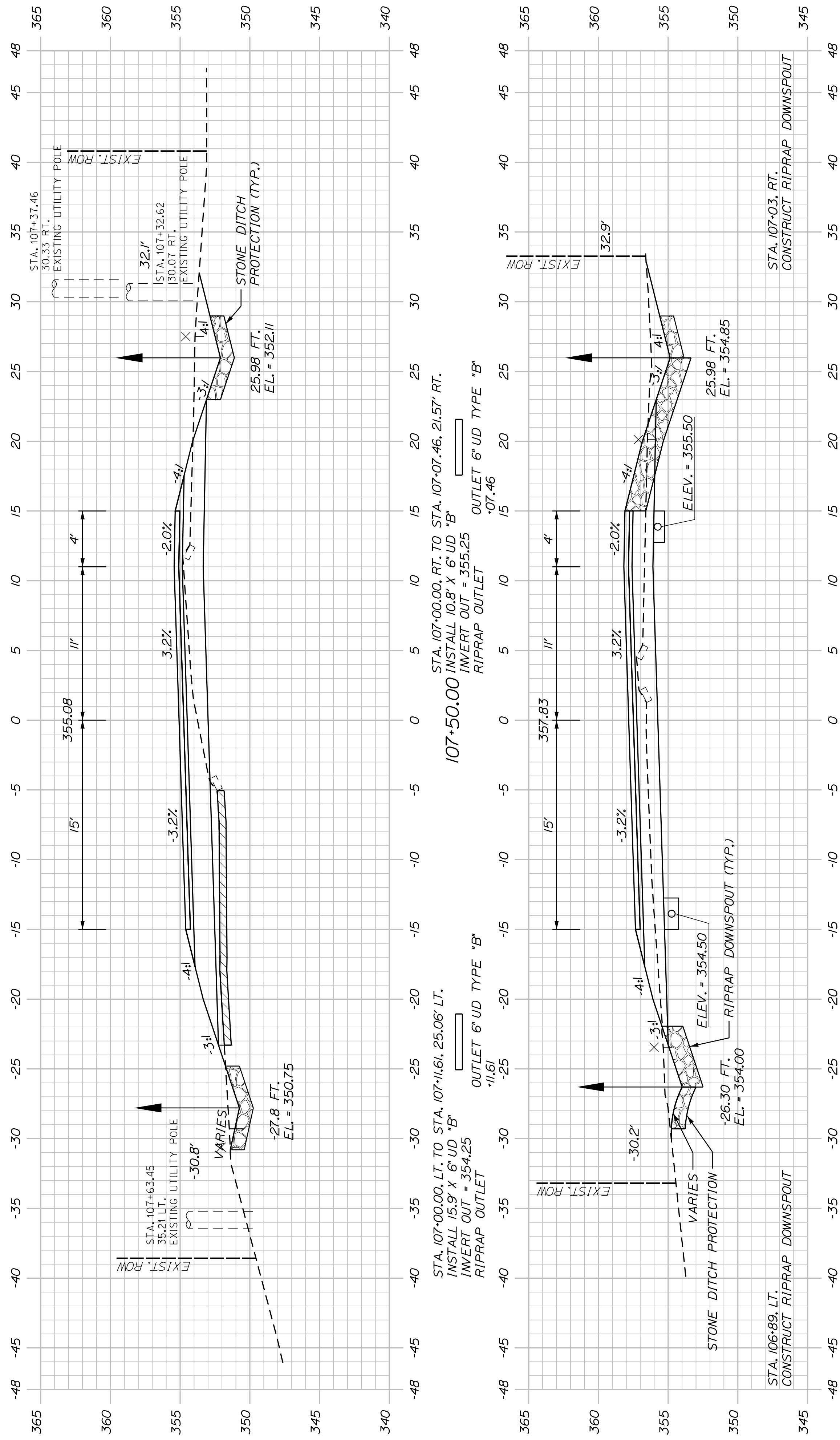
31

OF 83

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

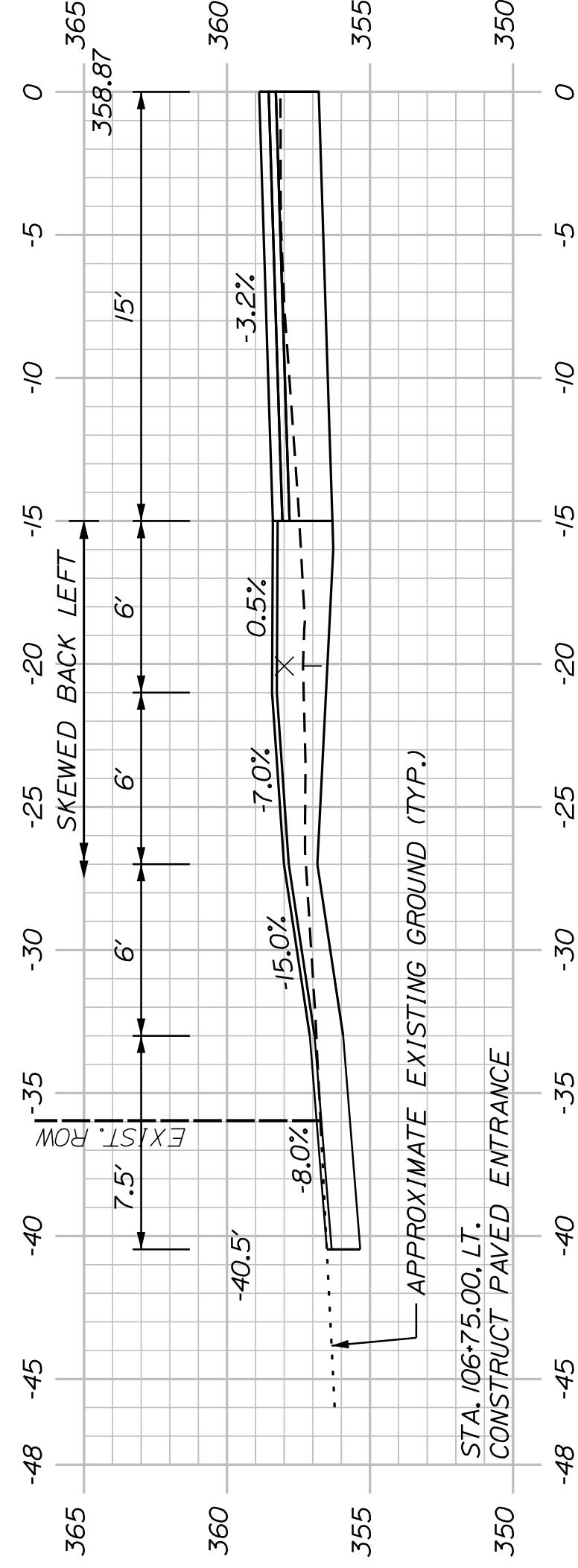
PROJ. MANAGER	A. BEAULIEU	BY	DATE
CHECKED	T. WARREN	J. FITZMAURICE	05/12/22
DESIGN DETAILED	J. WACHENBACH	D. ETTINGER	05/12/22
DESIGN DETAILED			
REVISIONS	1		
REVISIONS	2		
REVISIONS	3		
REVISIONS	4		
FIELD CHANGES			

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



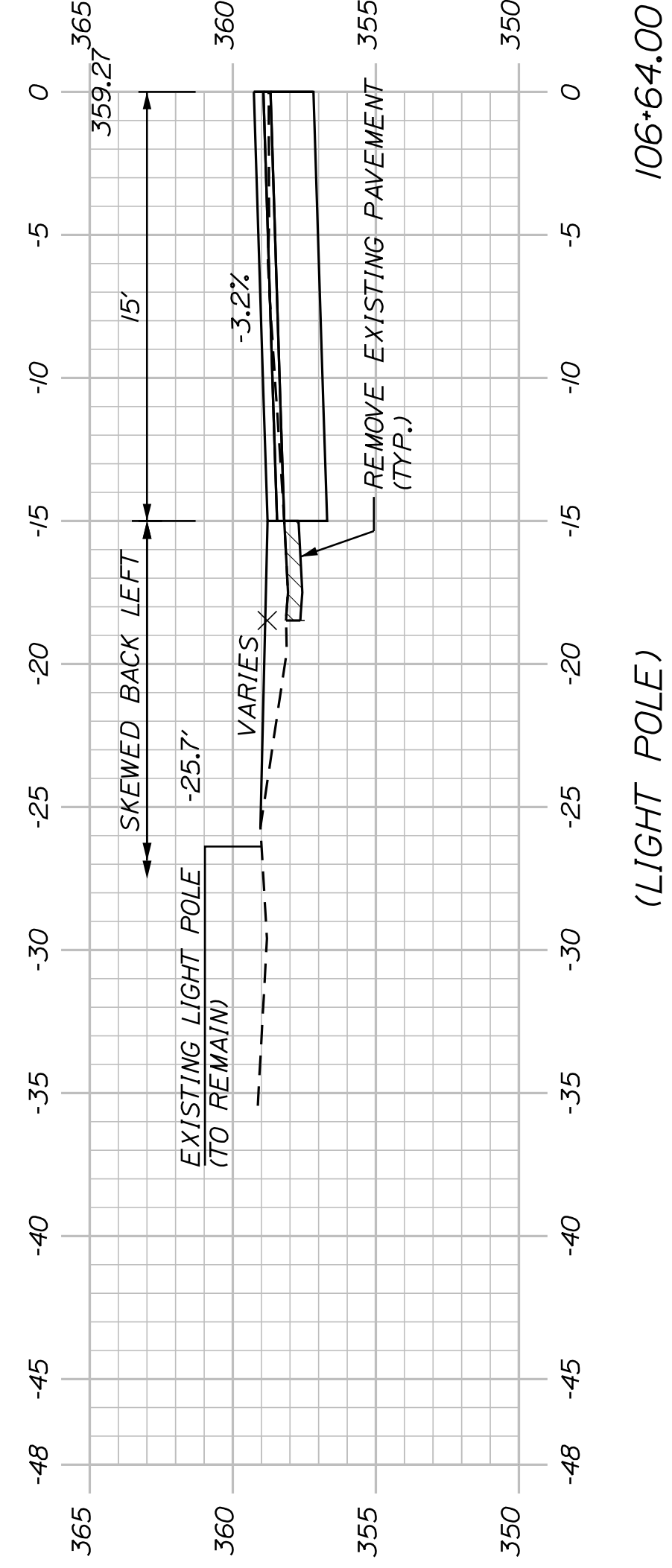
107+00.00

107+00.00 TO STA. 108+18, RT.
INSTALL STONE DITCH PROTECTION



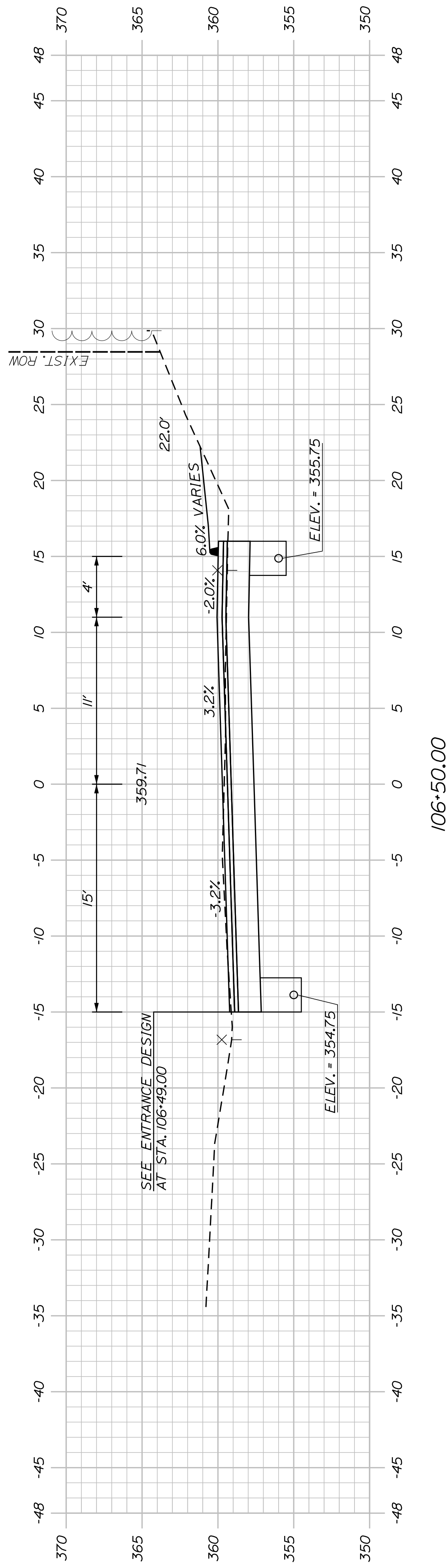
106+75.00

106+75.00 TO STA. 108+18, RT.
INSTALL STONE DITCH PROTECTION



106+64.00

106+64.00 TO STA. 108+18, RT.
INSTALL STONE DITCH PROTECTION



106+50.00

106+50.00 TO STA. 108+18, RT.
INSTALL STONE DITCH PROTECTION

SHEET NUMBER

32

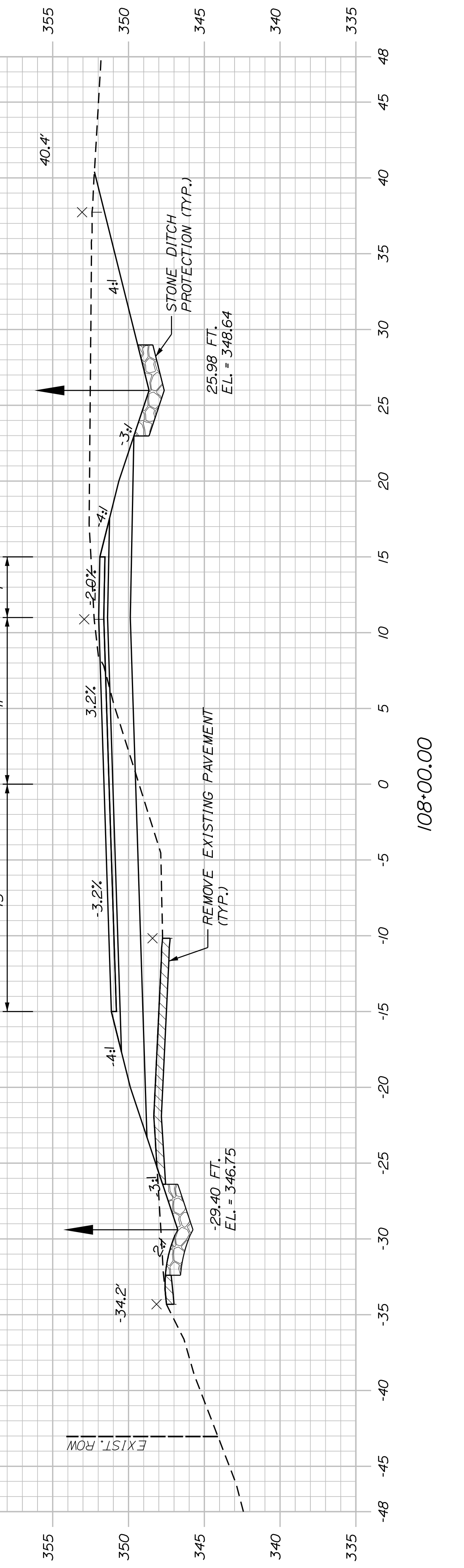
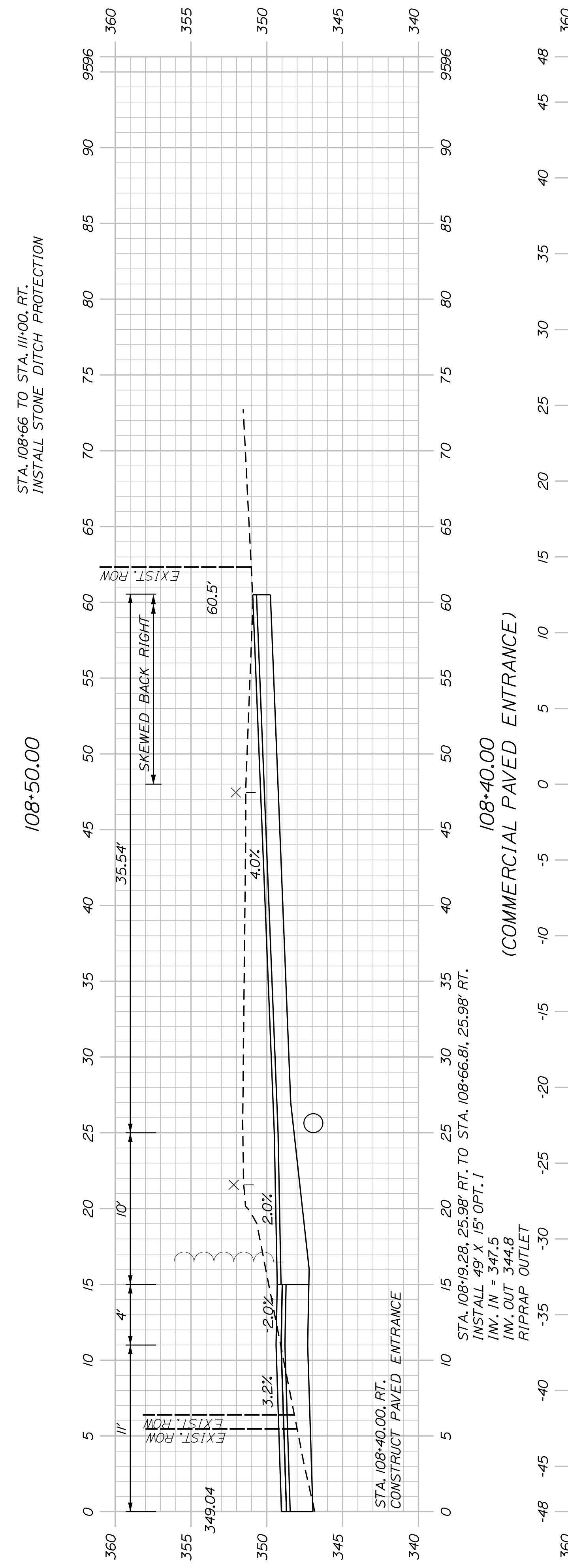
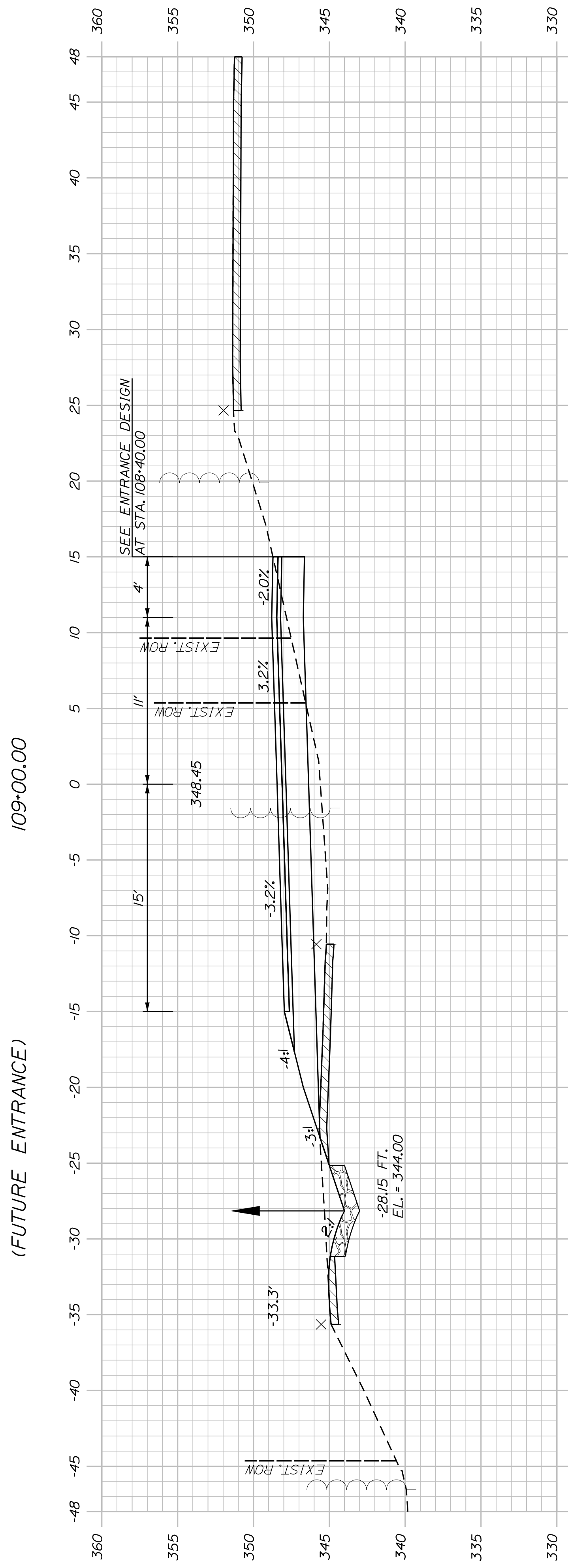
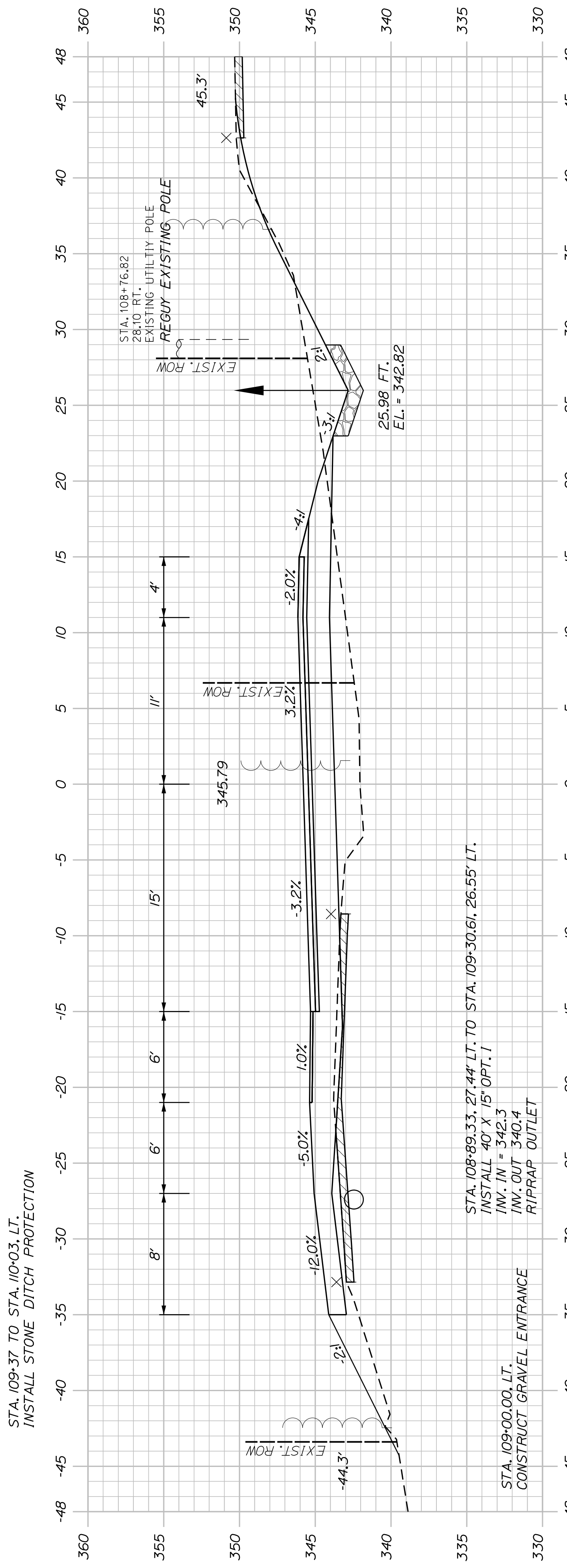
OF 83

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

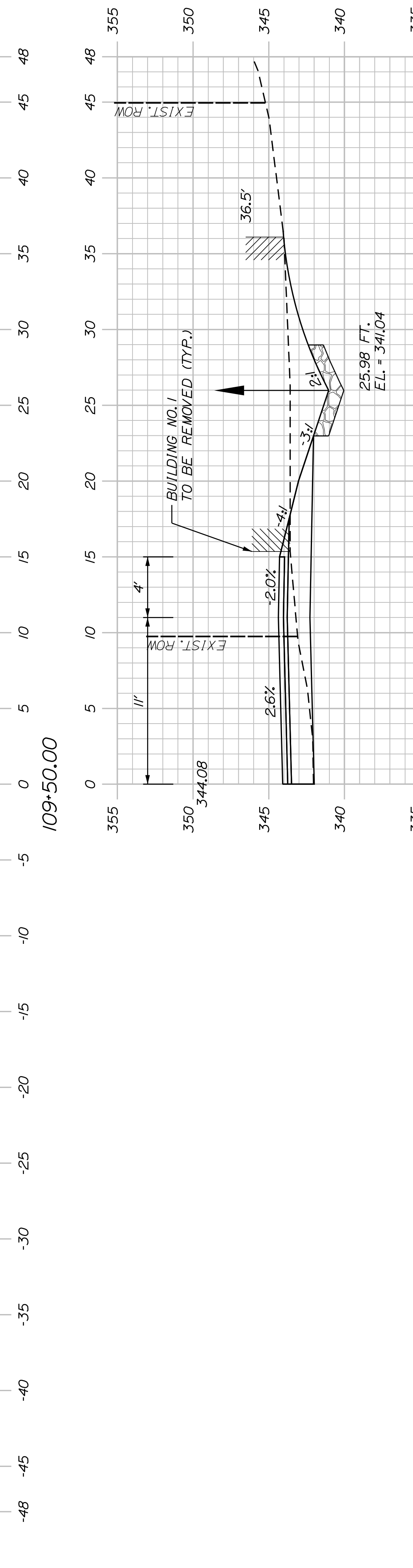
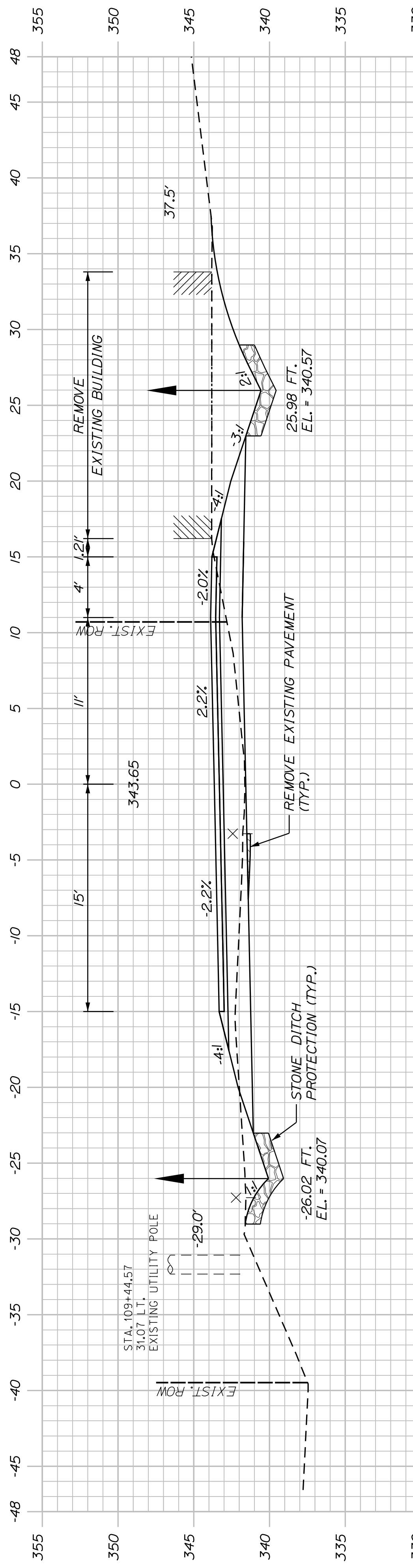
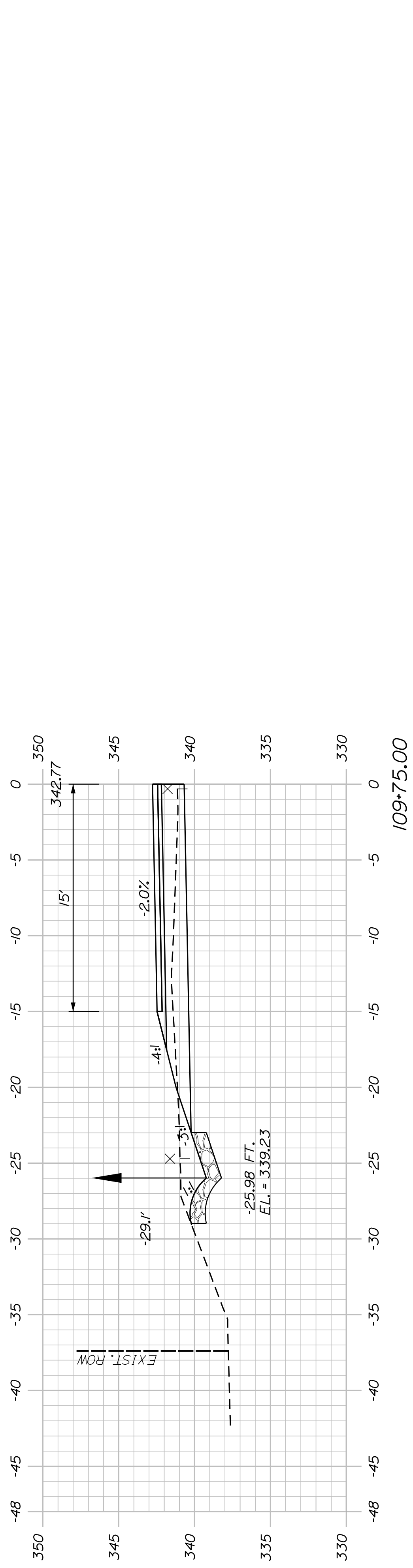
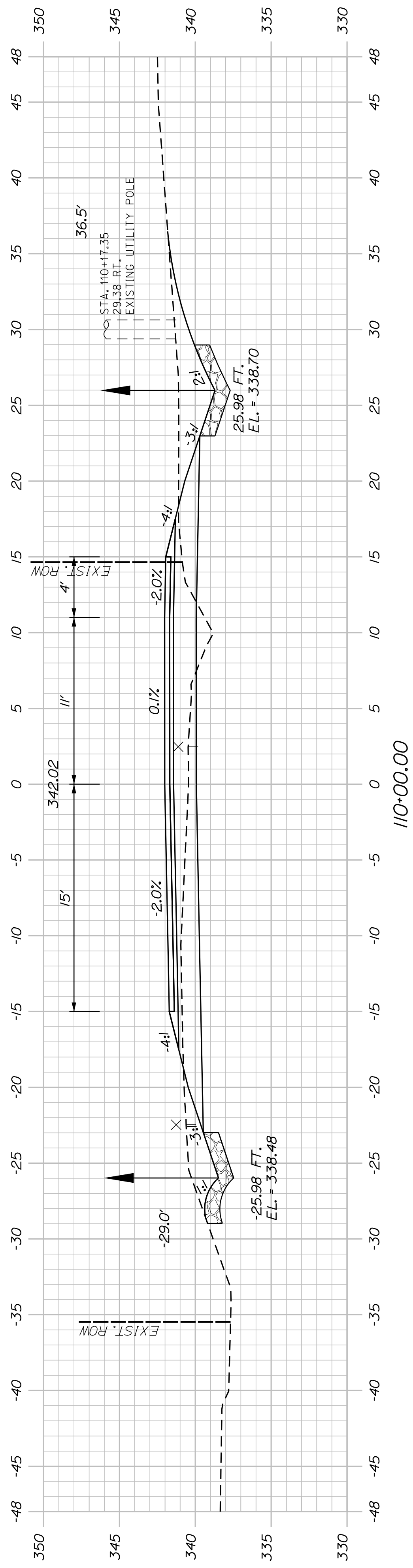
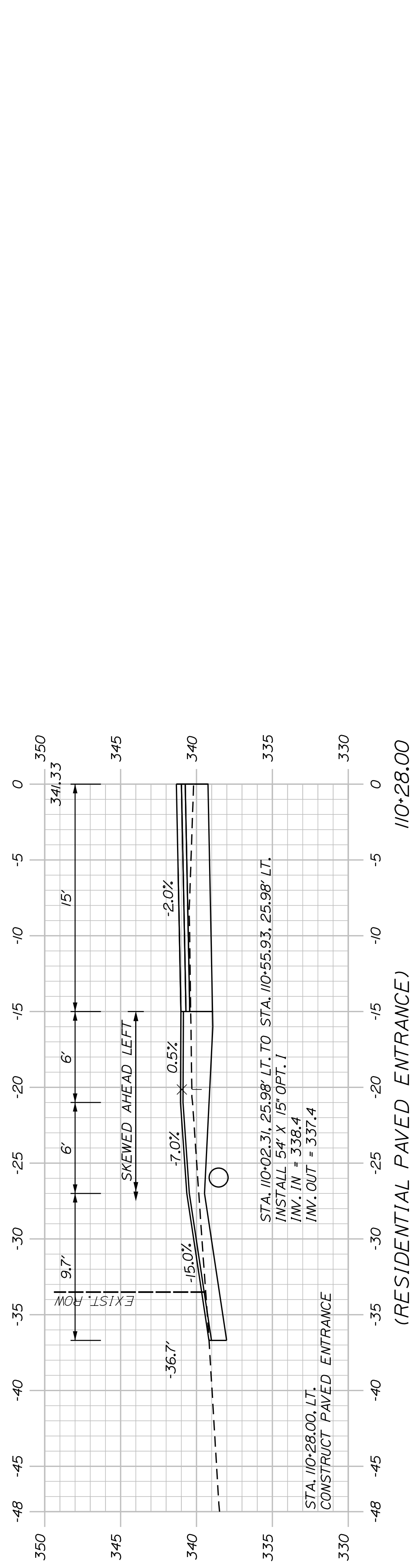


SHEET NUMBER
33
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



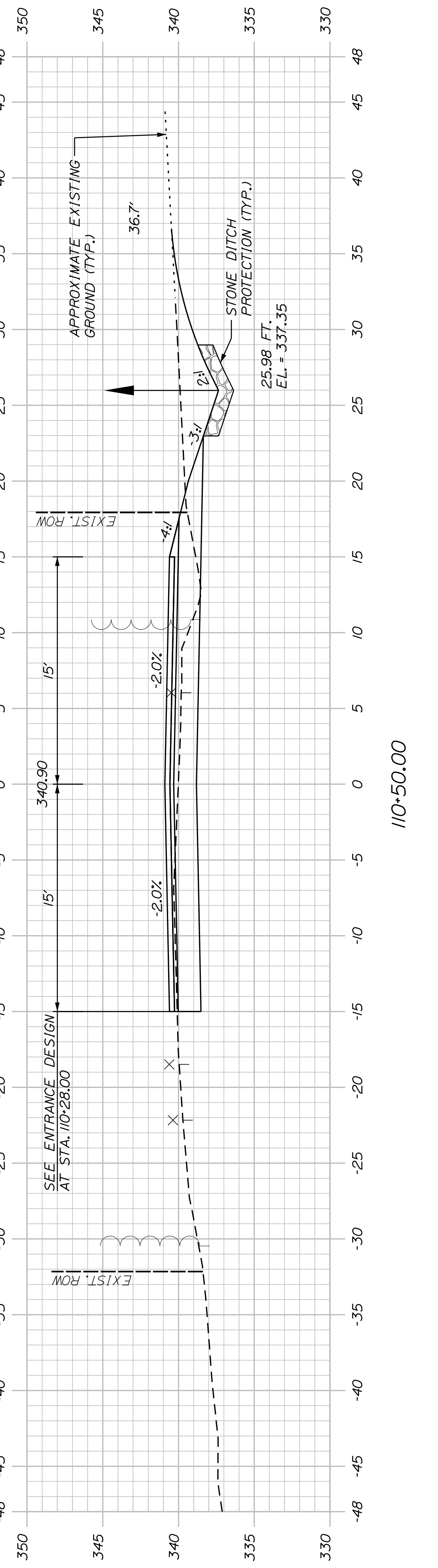
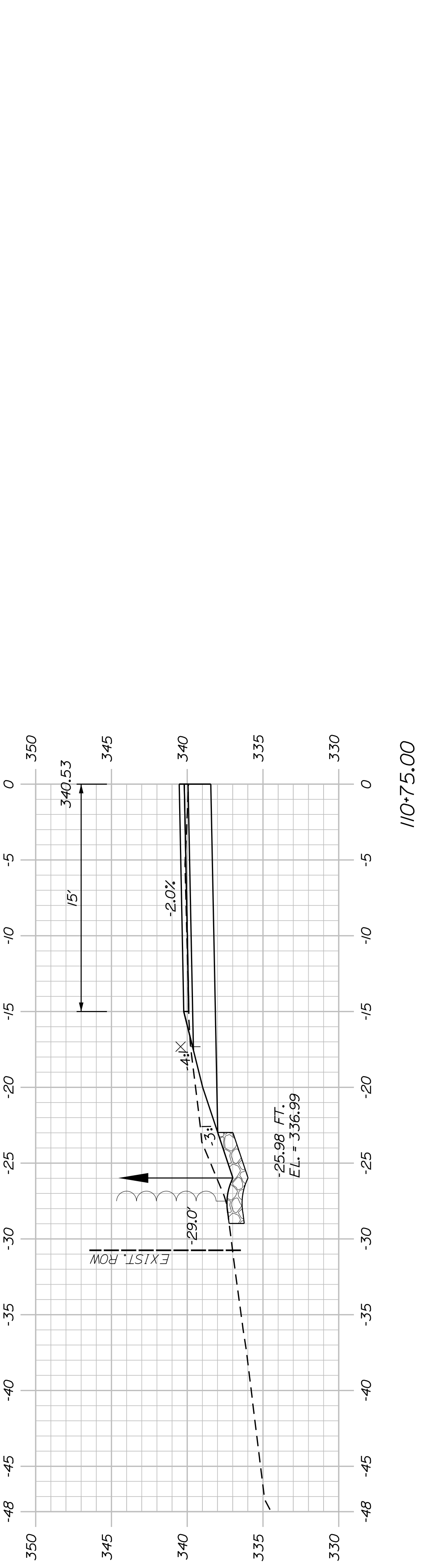
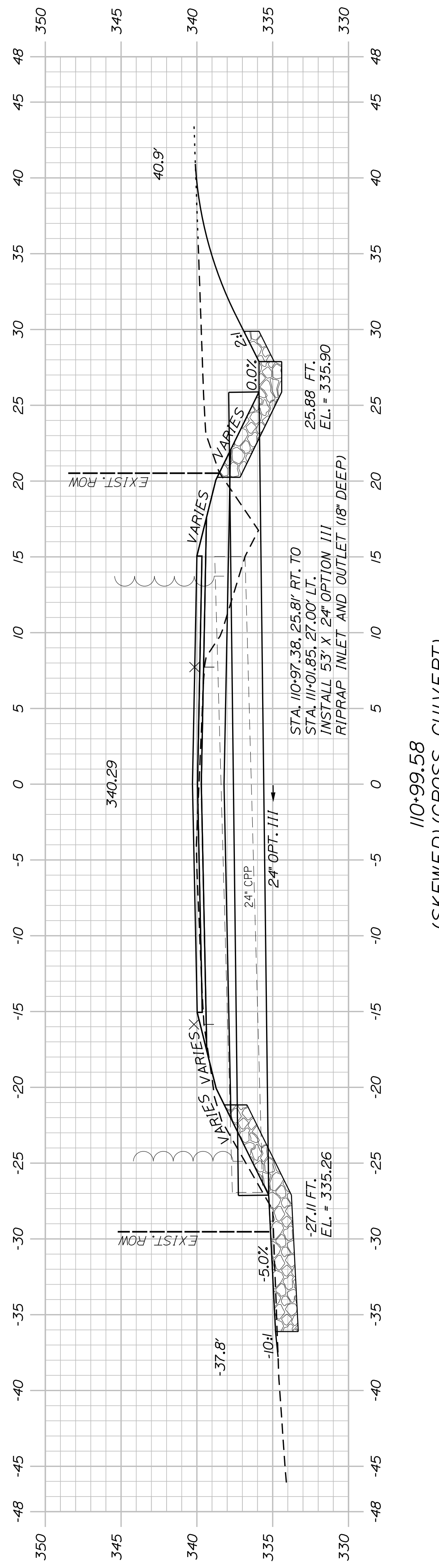
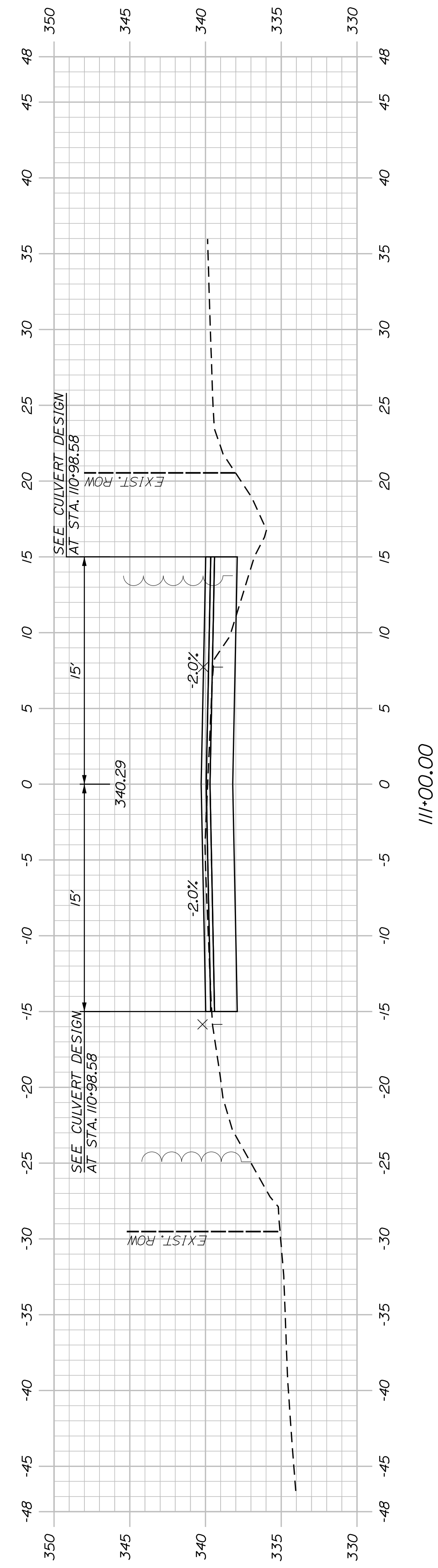
BUILDING NO. 1 (TO BE REMOVED)

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

SHEET NUMBER
34
OF 63



SHEET NUMBER
35
OF 63

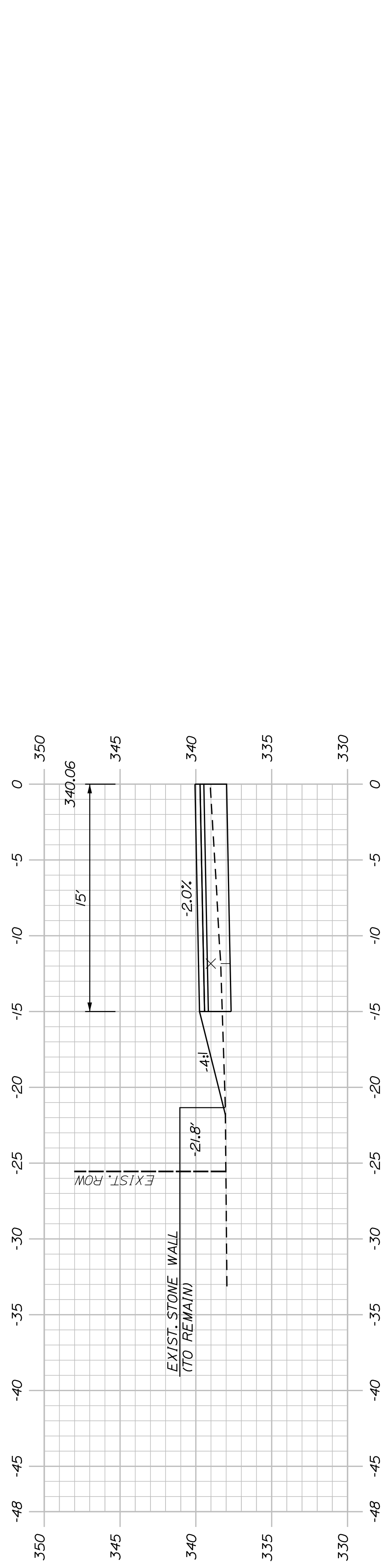
AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

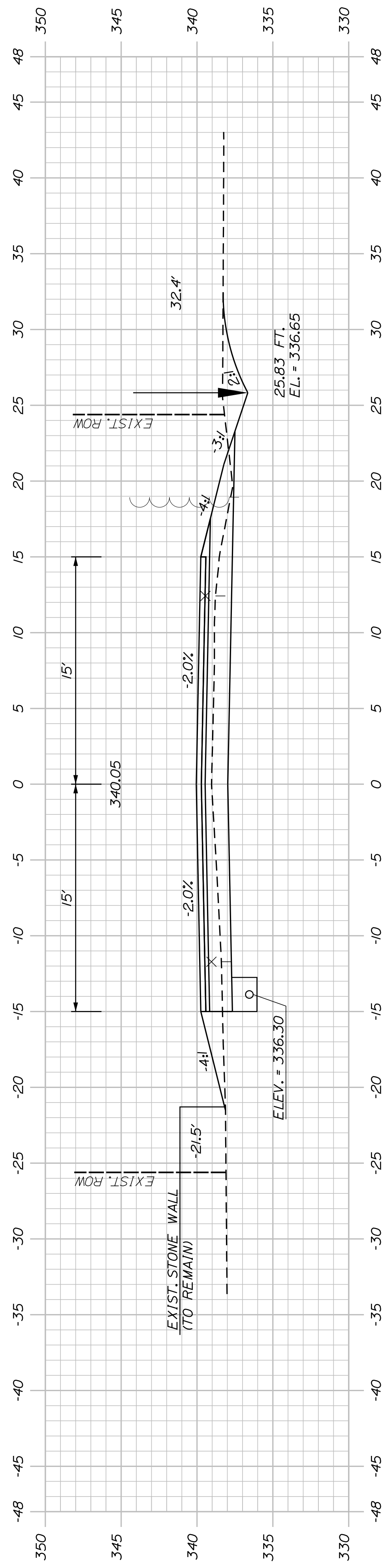
SIGNATURE
P.E. NUMBER
DATE

STA. 112+75.00
 END FULL DEPTH RECONSTRUCTION
 BEGIN PAVEMENT RECLAIM AND
 ROADWAY REHABILITATION

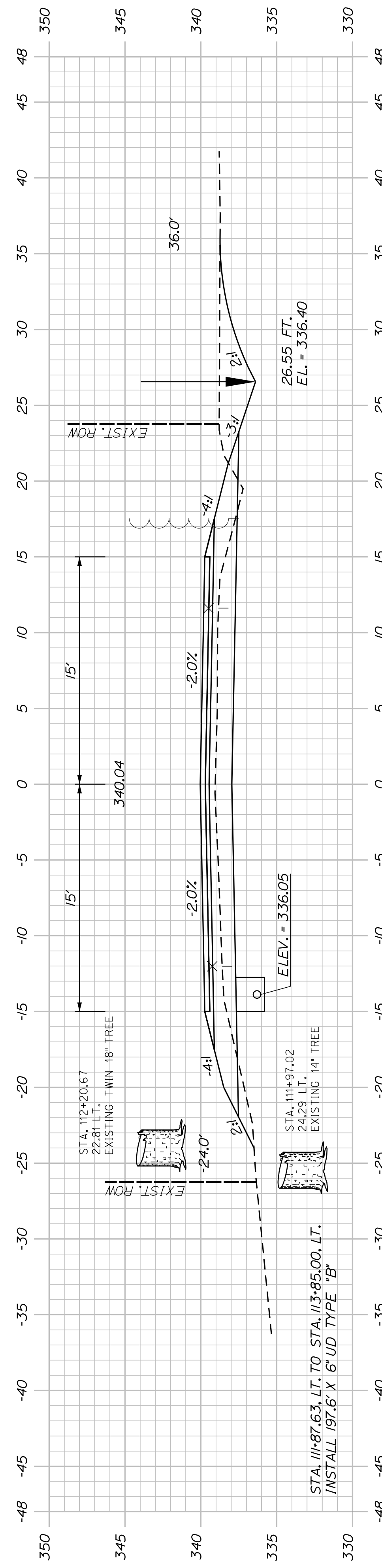


112+60.00

(STONE WALL)

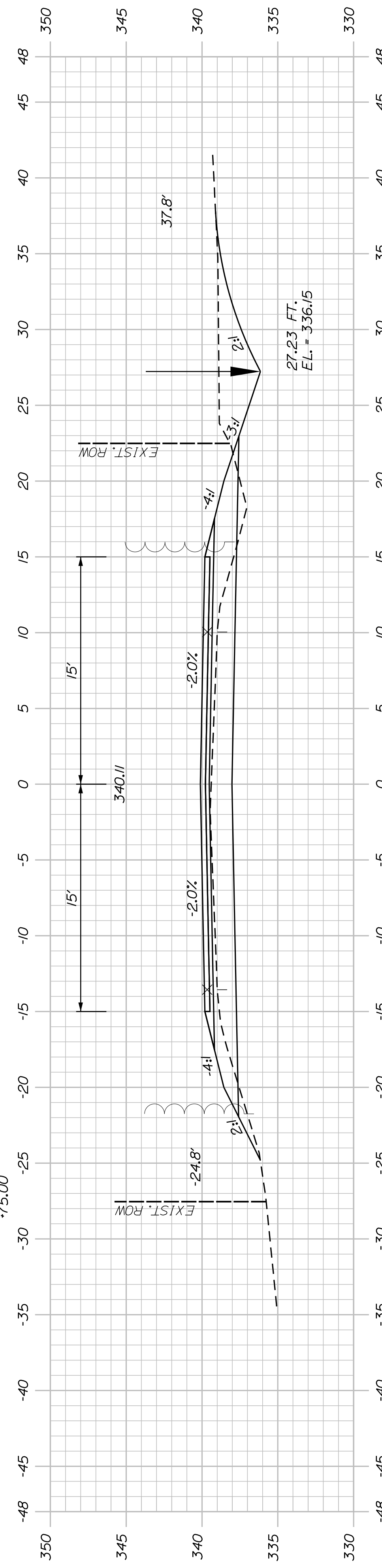


112+50.00



112+00.00

OUTLET 6' UD TYPE "B"



111+50.00

SHEET NUMBER

36

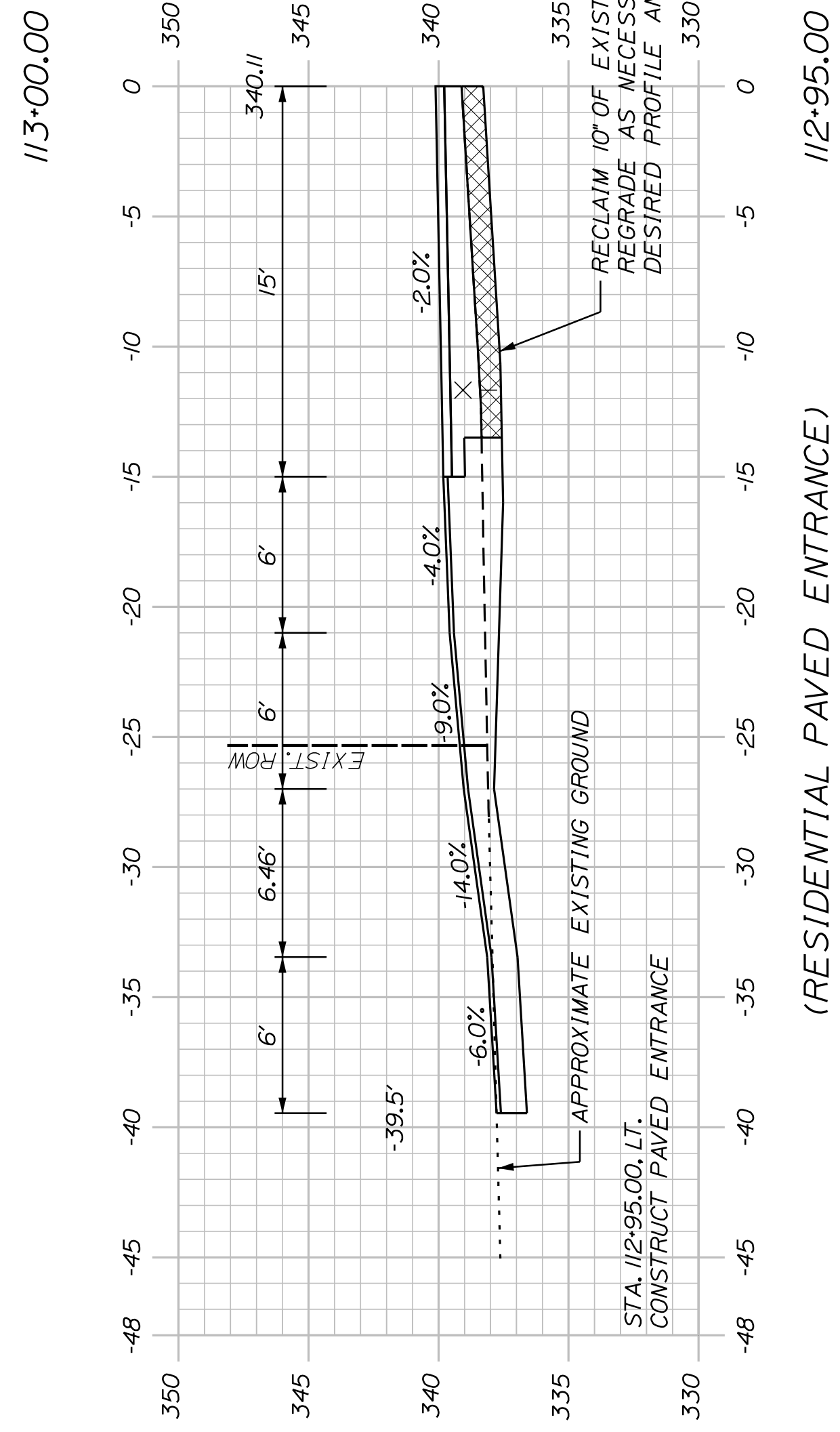
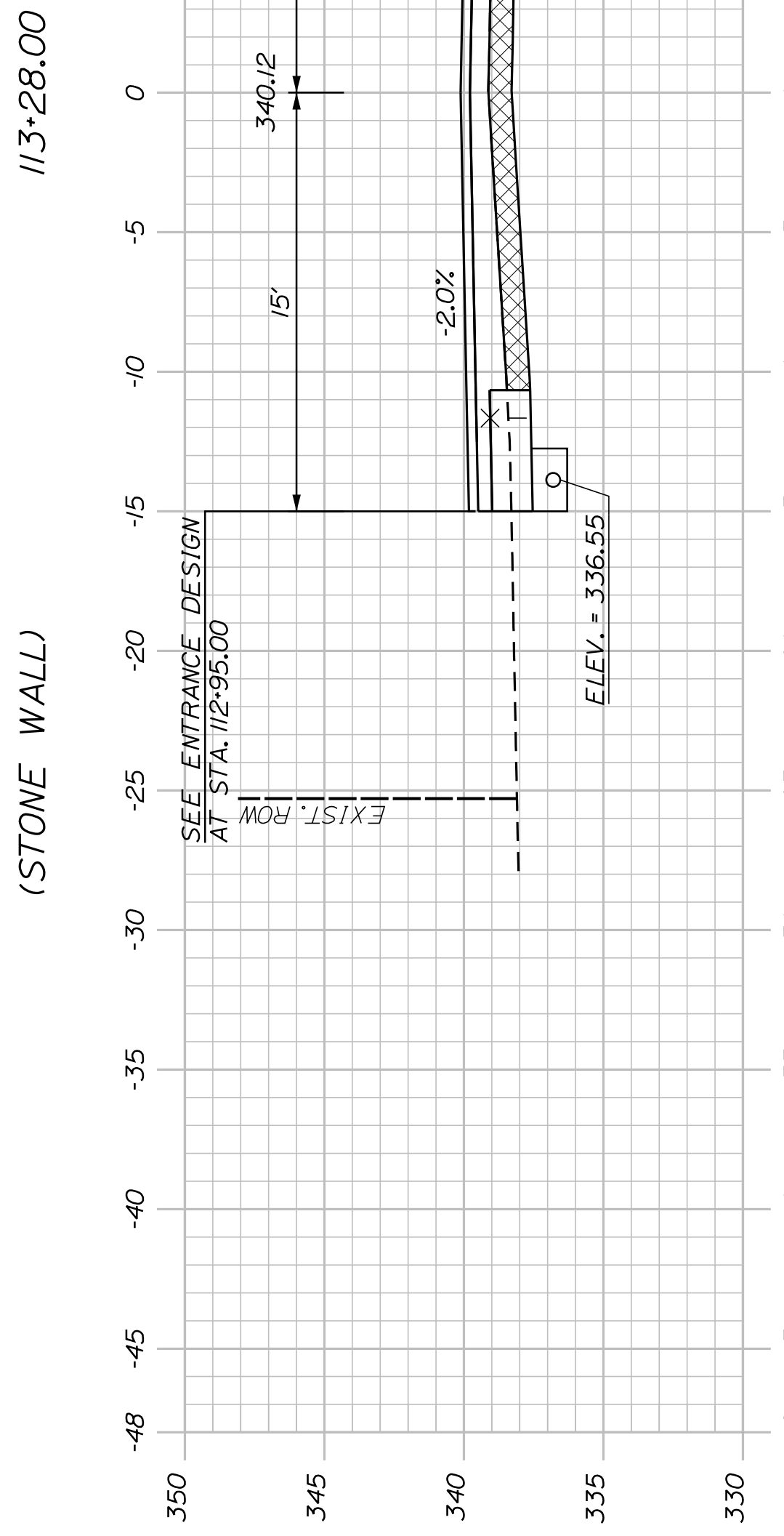
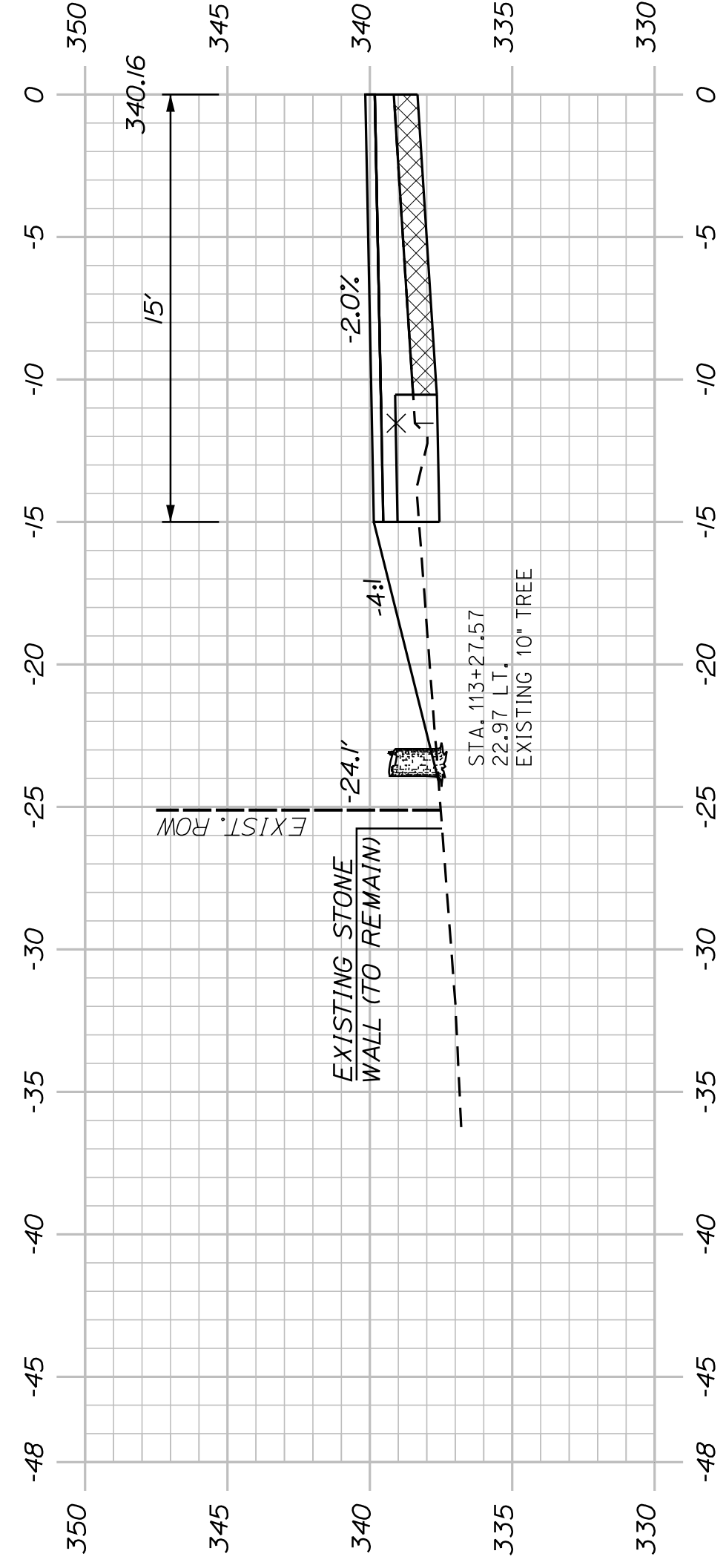
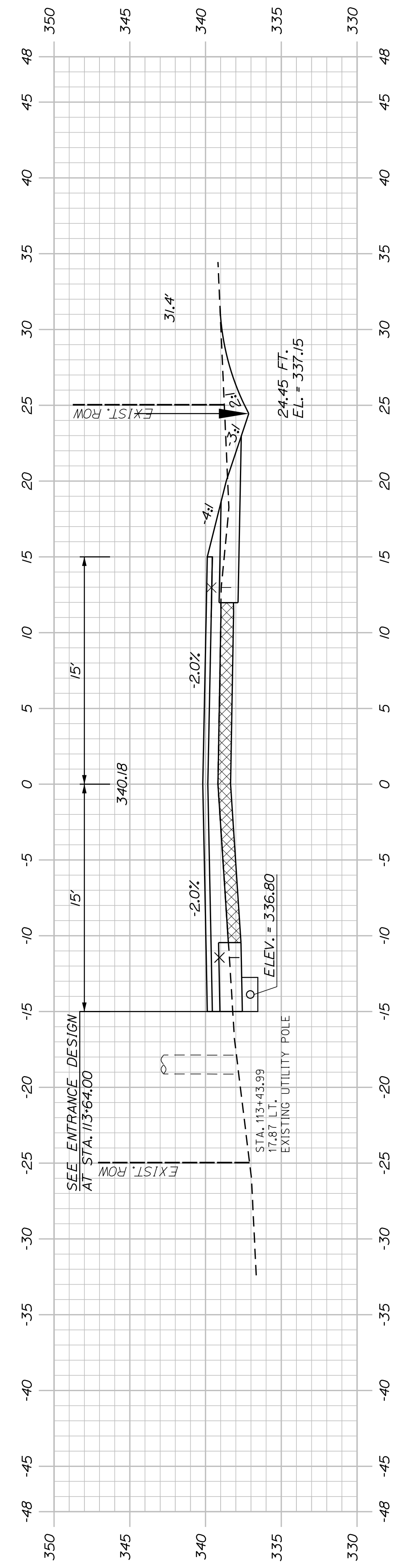
OF 63

AUBURN AVENUE
 MT. AUBURN AVENUE
 CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZWALD	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
 P.E. NUMBER
 DATE

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210



SHEET NUMBER

37

OF 83

AUBURN AVENUE
CROSS SECTIONS

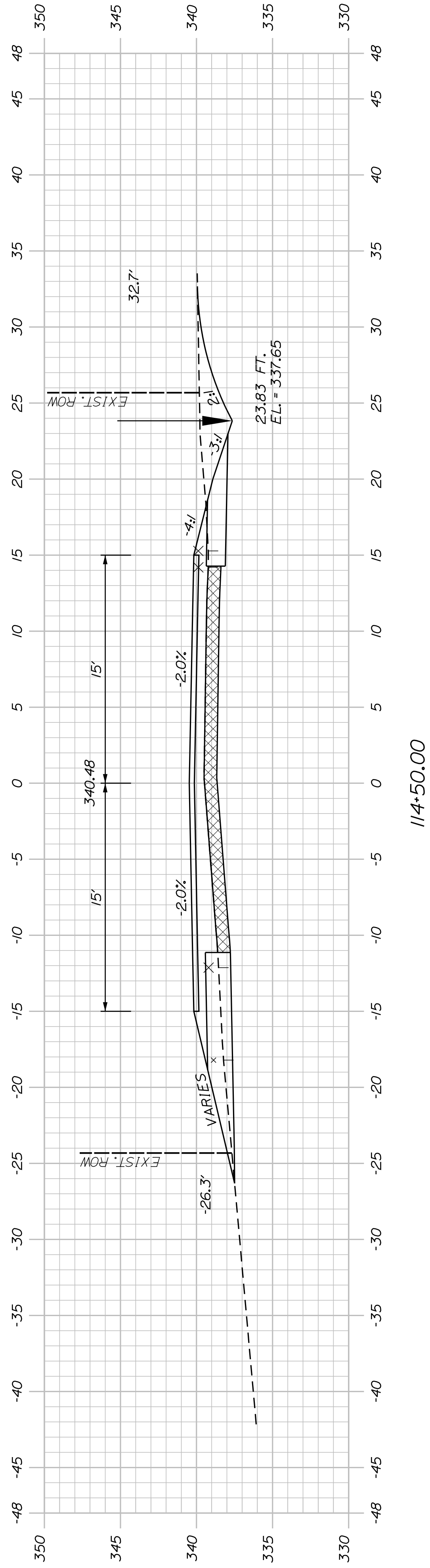
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN DETAILED			
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REVISIONS 1			
REVISIONS 2			
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE

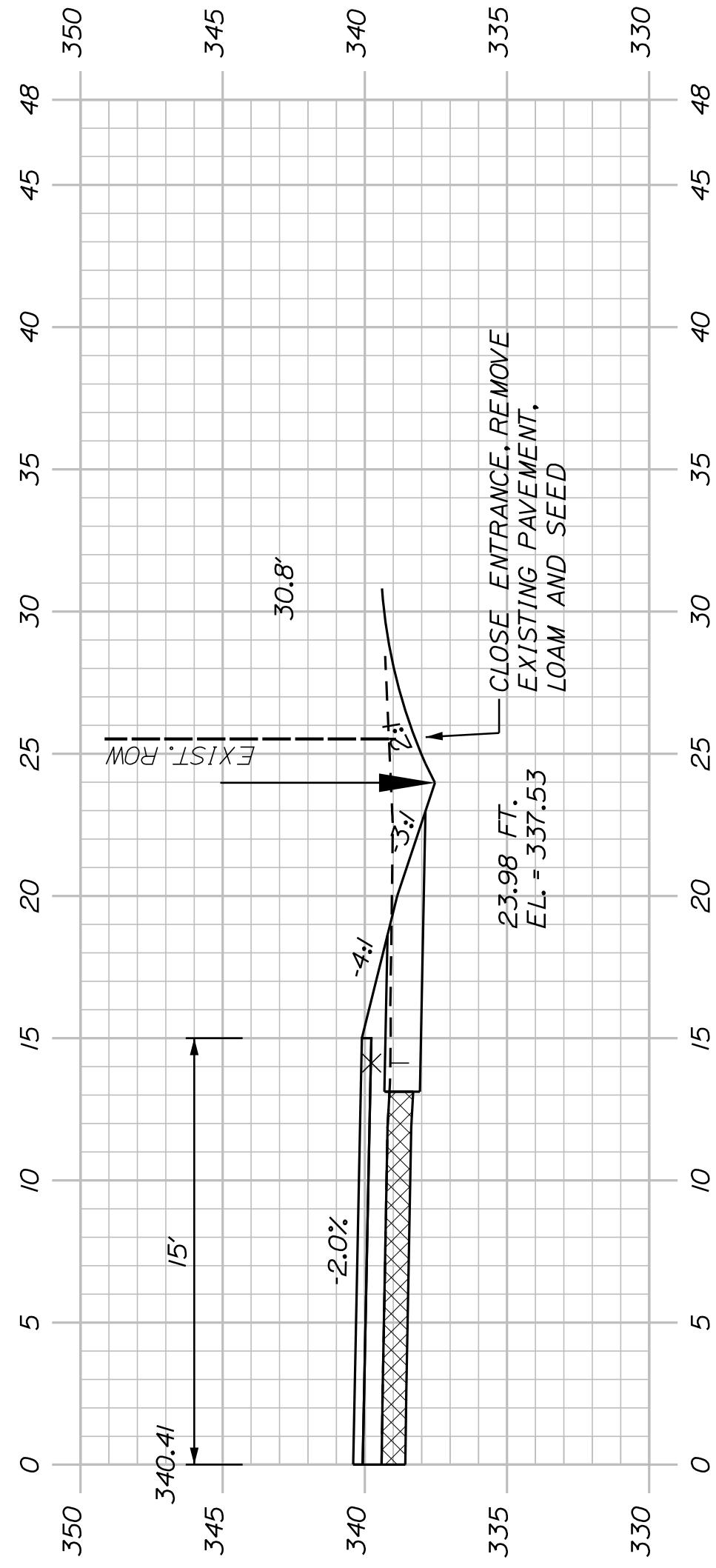
P.E. NUMBER

DATE

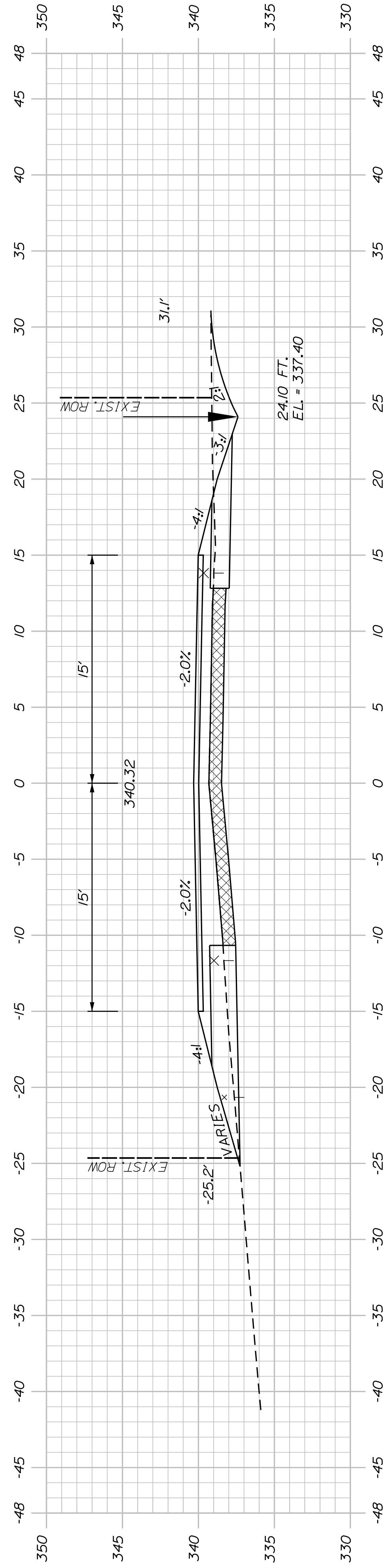
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



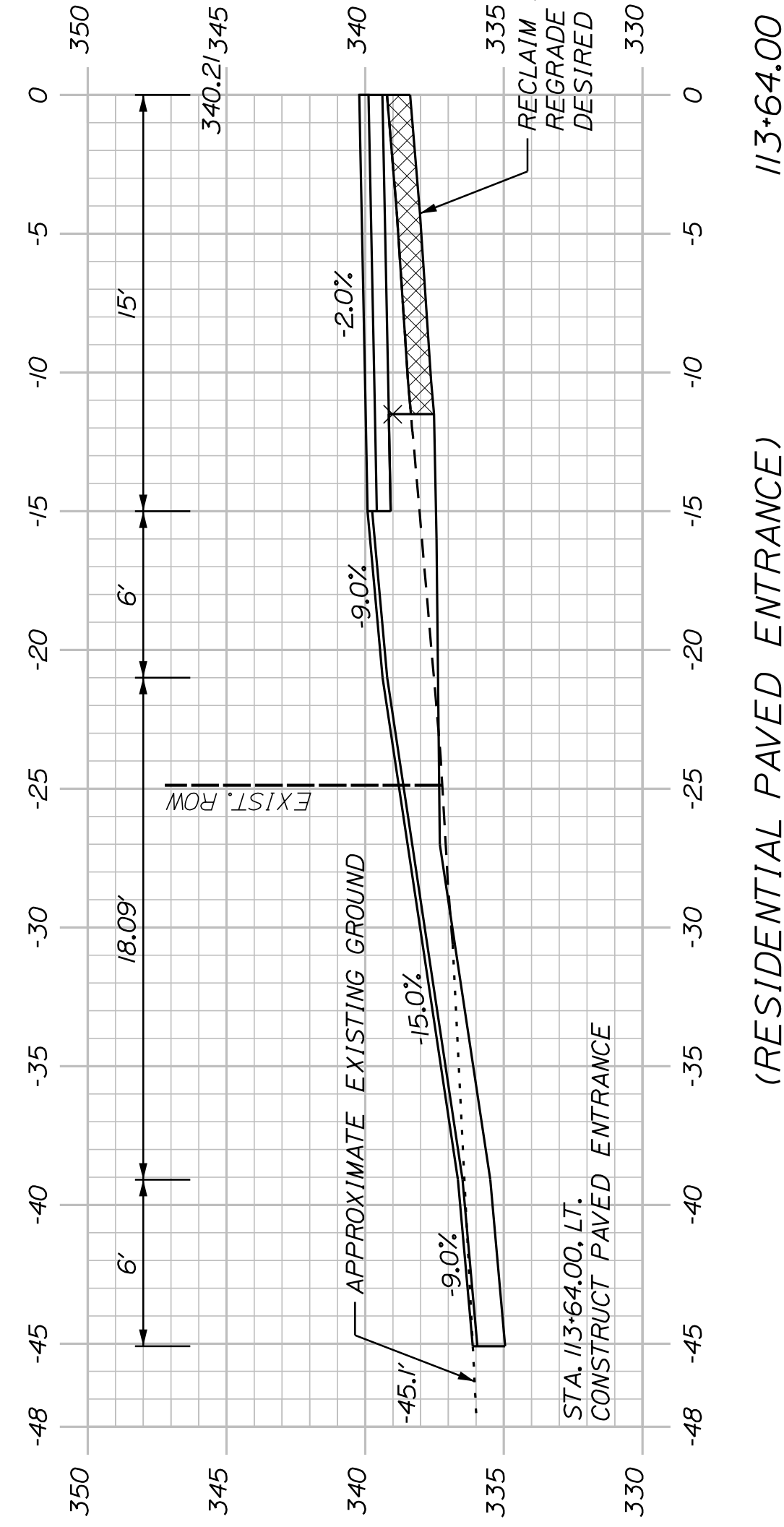
114+50.00



114+25.00 (COMMERCIAL PAVED ENTRANCE - CLOSED)



114+00.00



113+64.00 (RESIDENTIAL PAVED ENTRANCE)

SHEET NUMBER

38

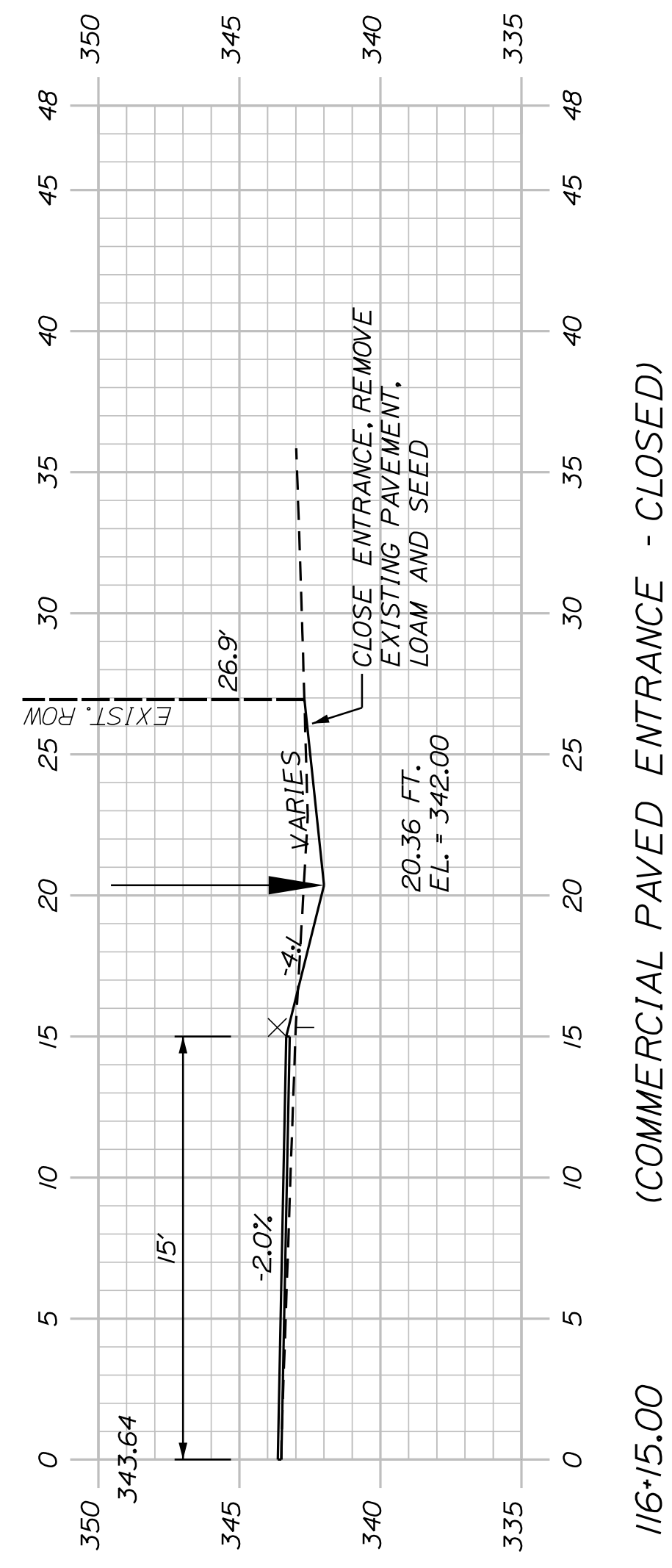
OF 83

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

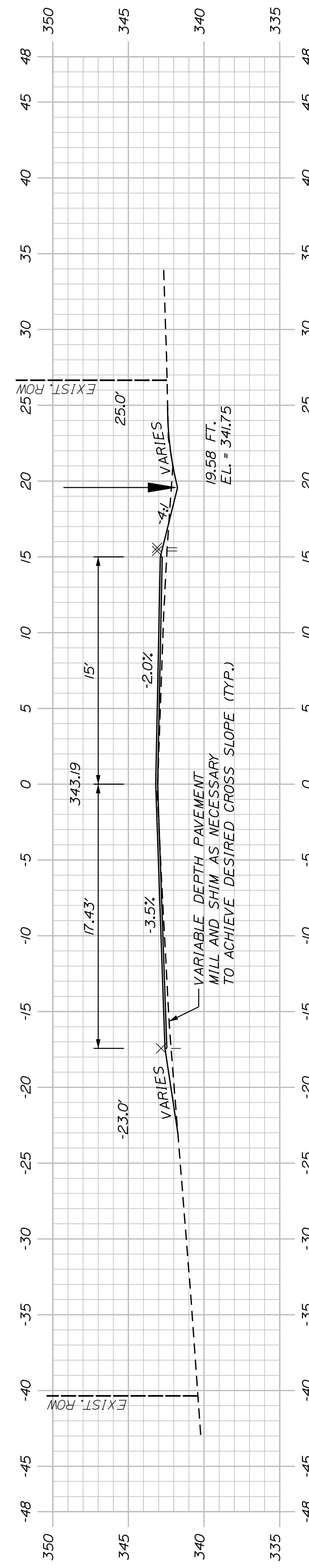
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

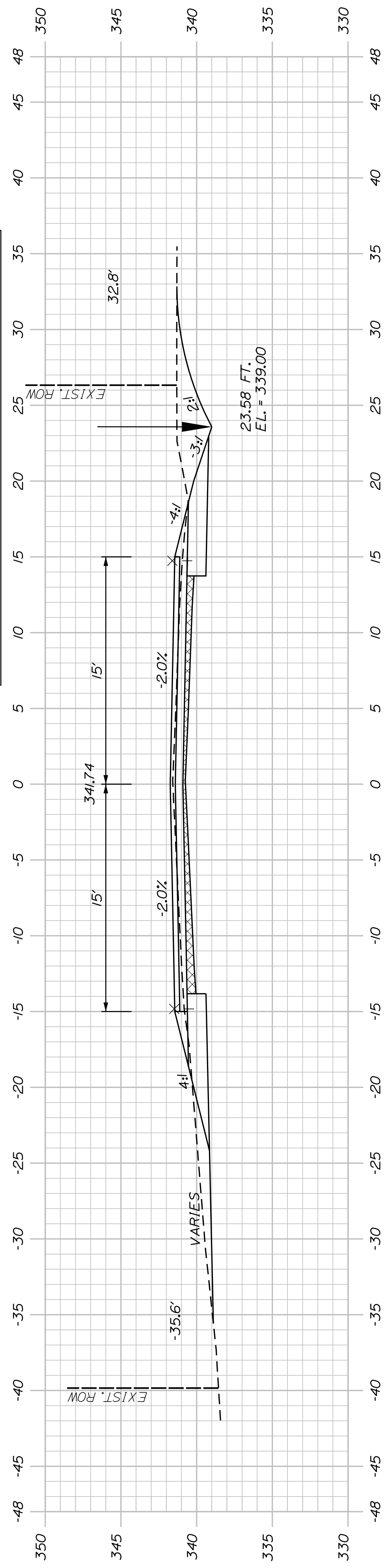


116+15.00 (COMMERCIAL PAVED ENTRANCE - CLOSED)

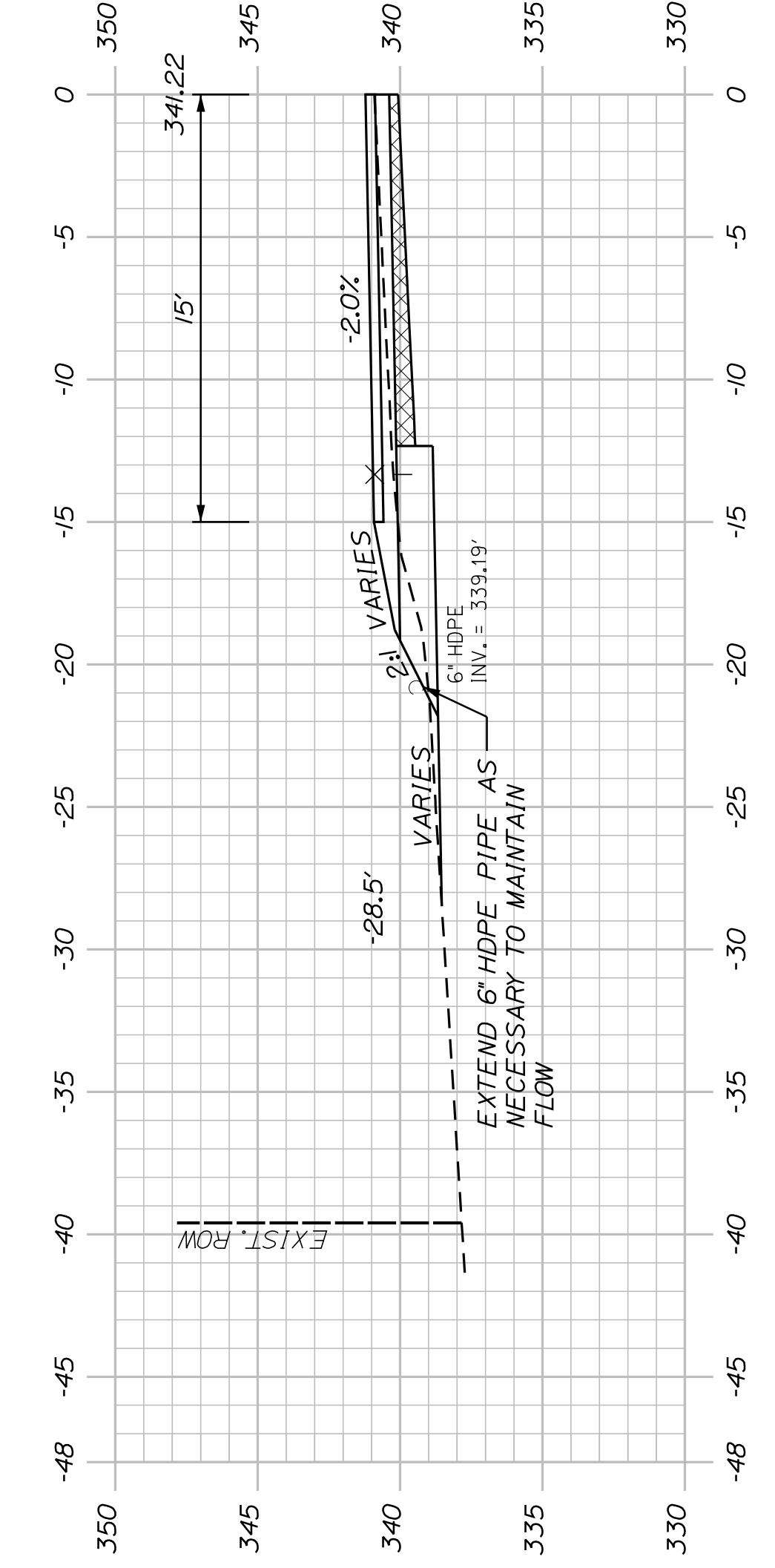


STA. 115+75.00
END PAVEMENT RECLAIM AND ROADWAY REHABILITATION
BEGIN 1.5" HMA OVERLAY WITH VARIABLE
DEPTH PAVEMENT MILL AND SHIM

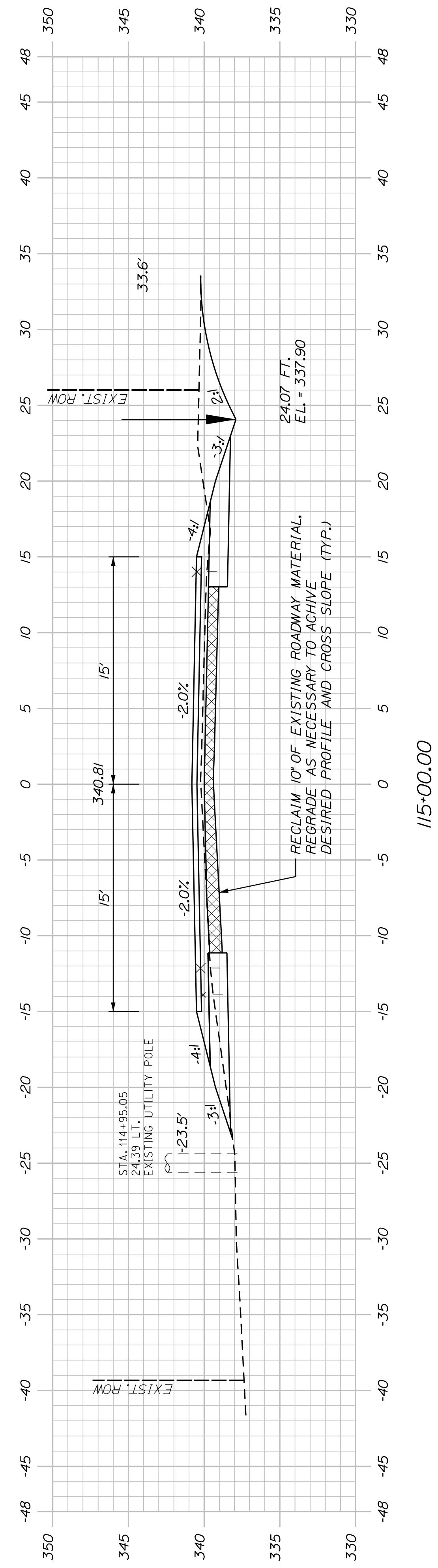
116+00.00



115+50.00



115+26.00 (PIPE OUTLET)



115+00.00

SHEET NUMBER

39

OF 83

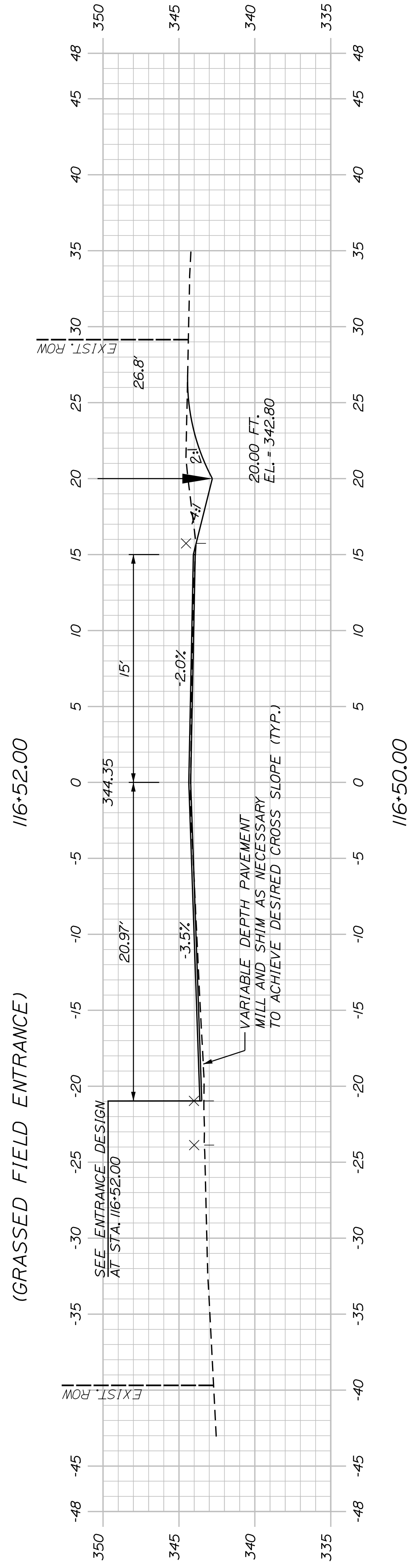
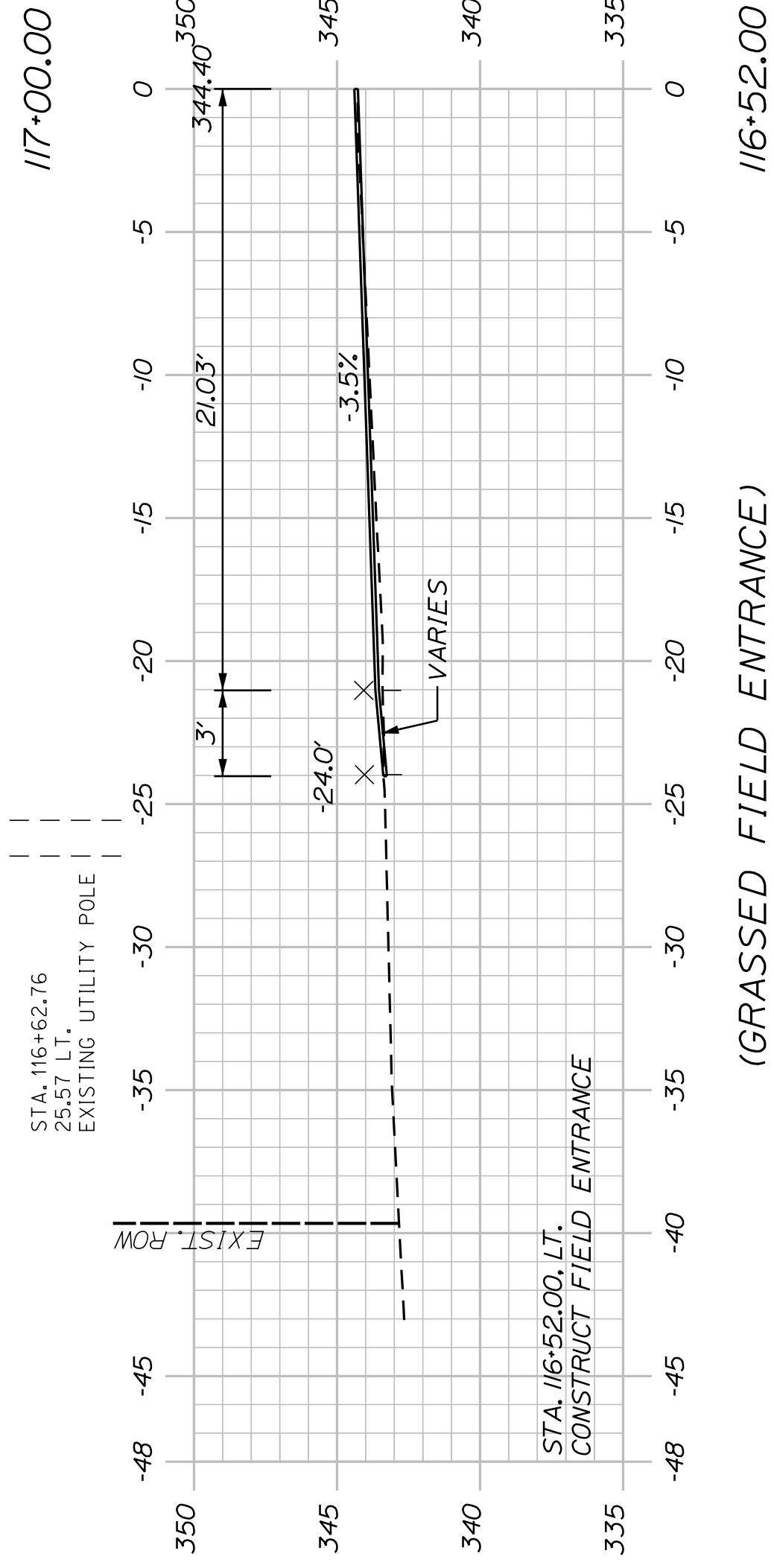
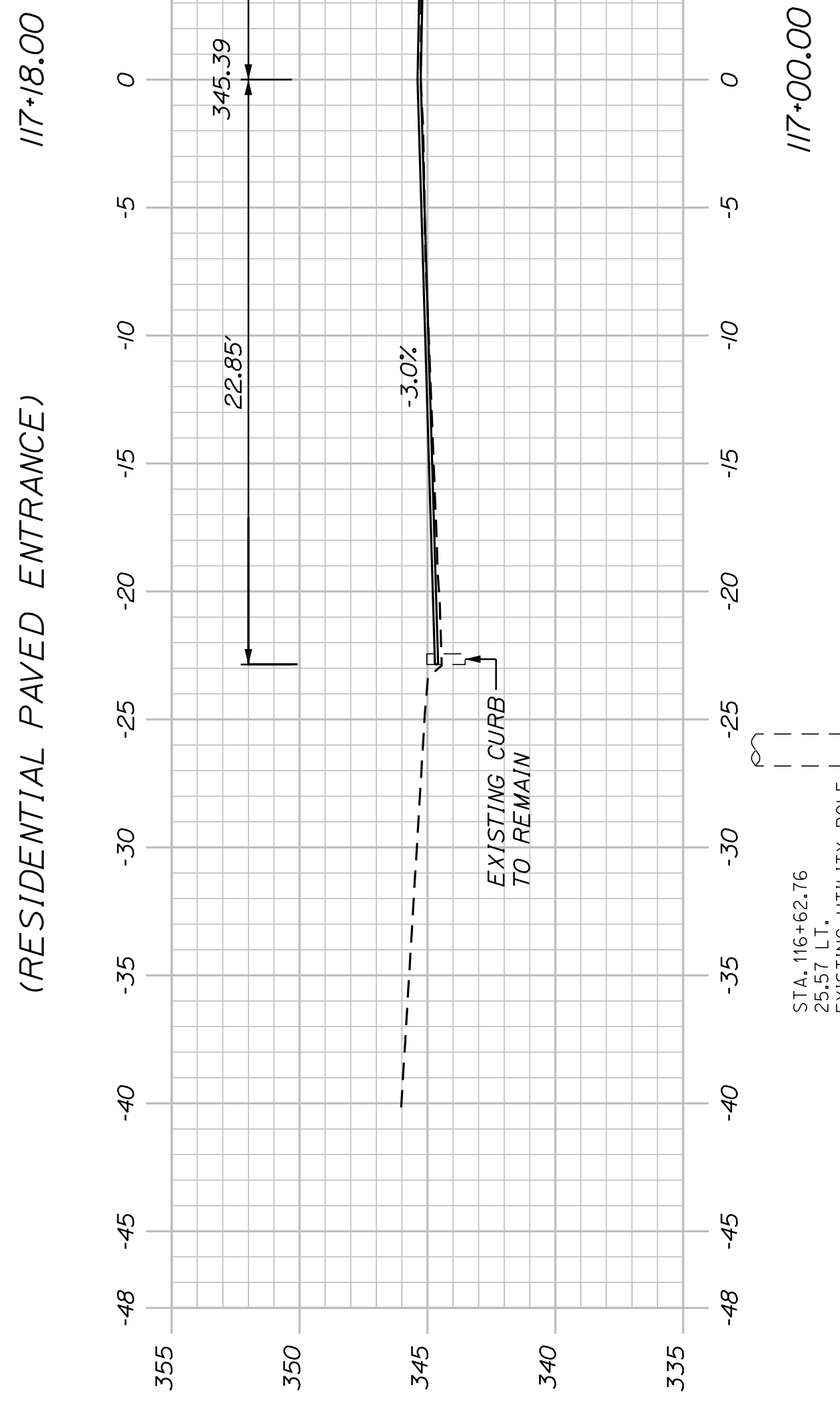
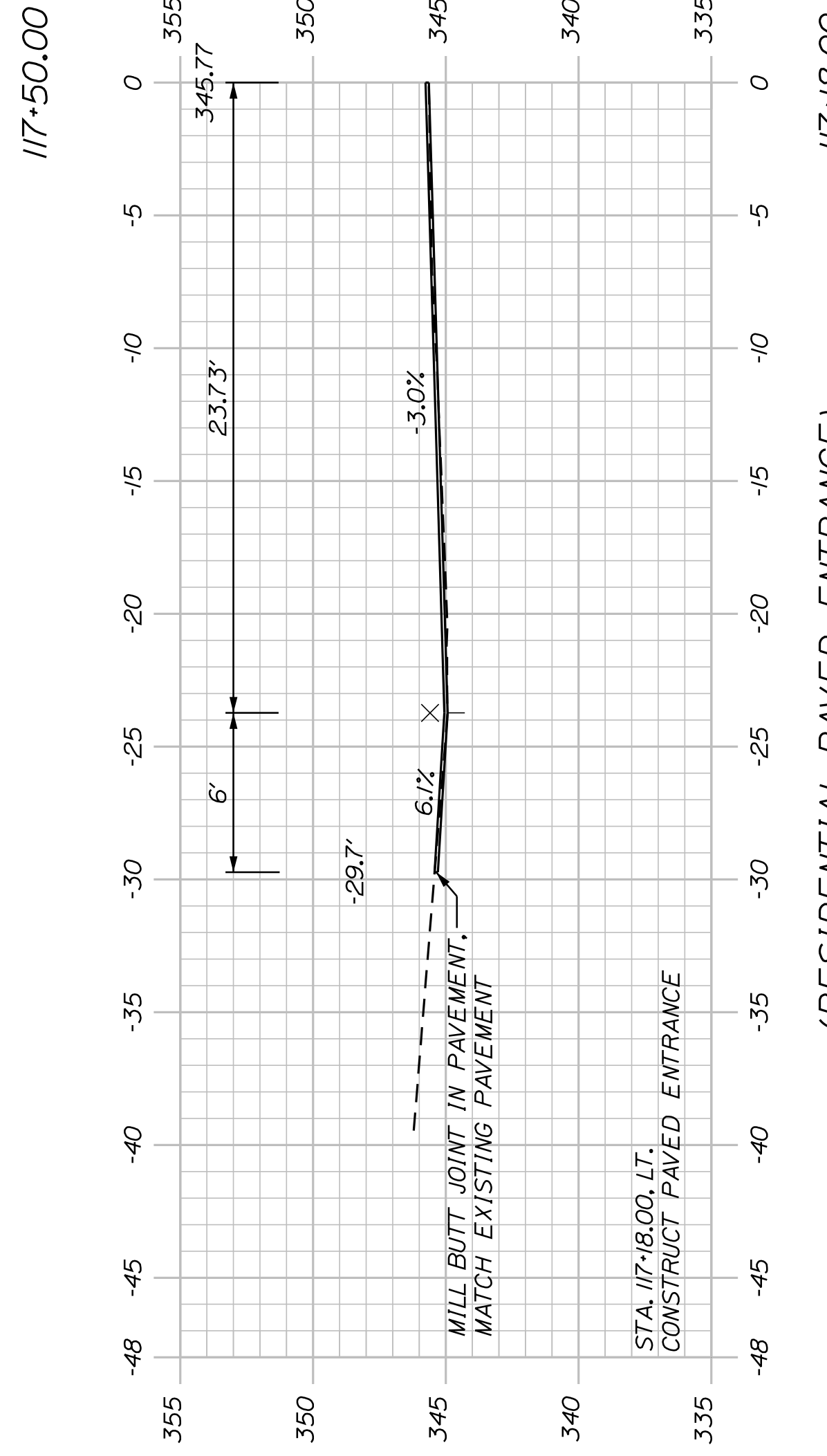
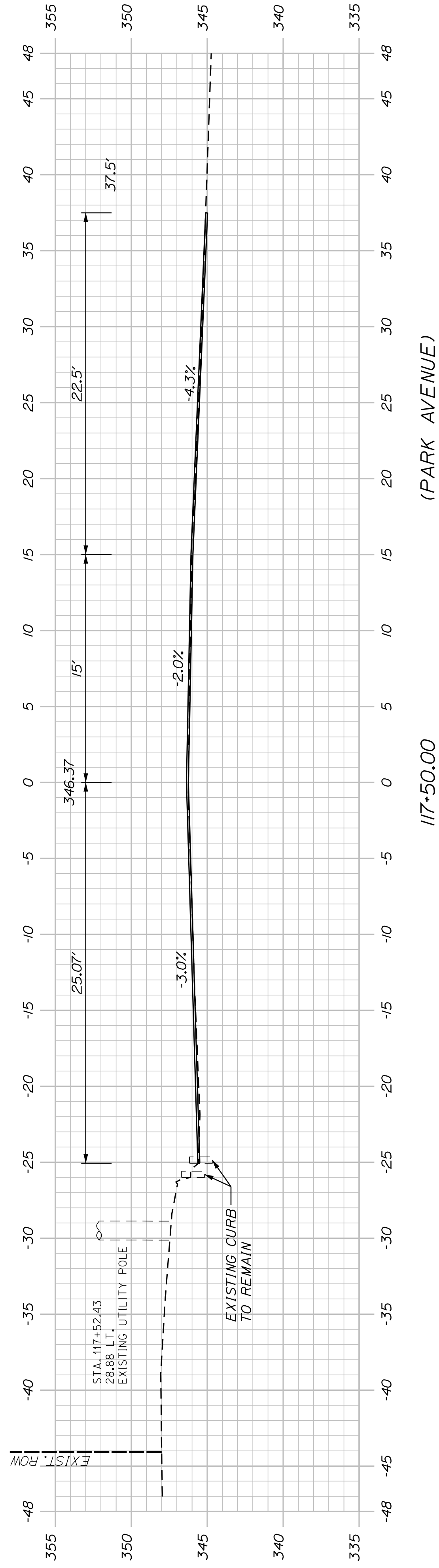
AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	
DESIGNS DETAILED			
DESIGNS DETAILED			
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. 117+67.84 MT. AUBURN AVENUE @ =
STA. 202+00.00 PARK AVENUE @



SHEET NUMBER

40

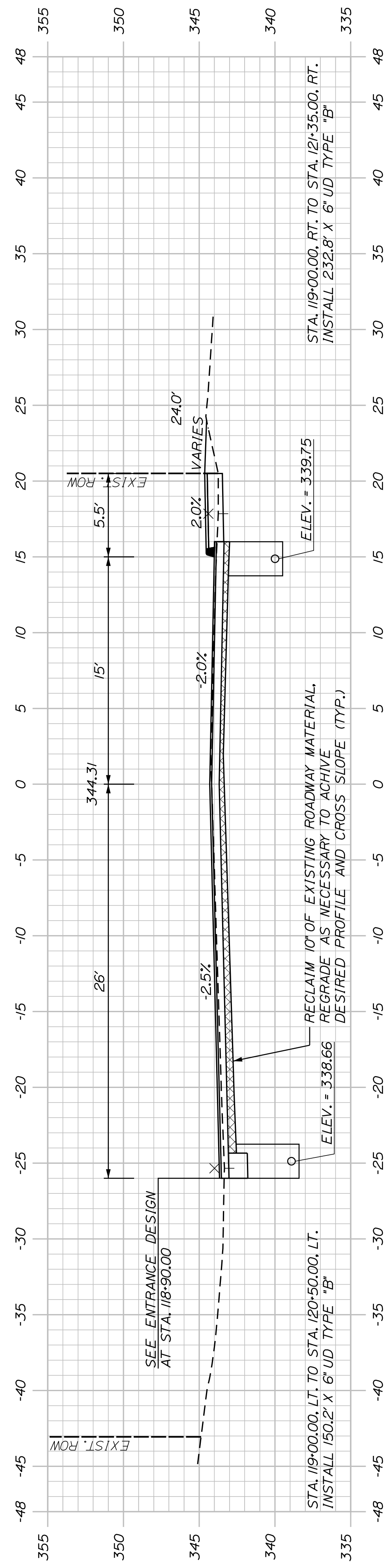
OF 63

AUBURN
MT. AUBURN AVENUE
CROSS SECTIONS

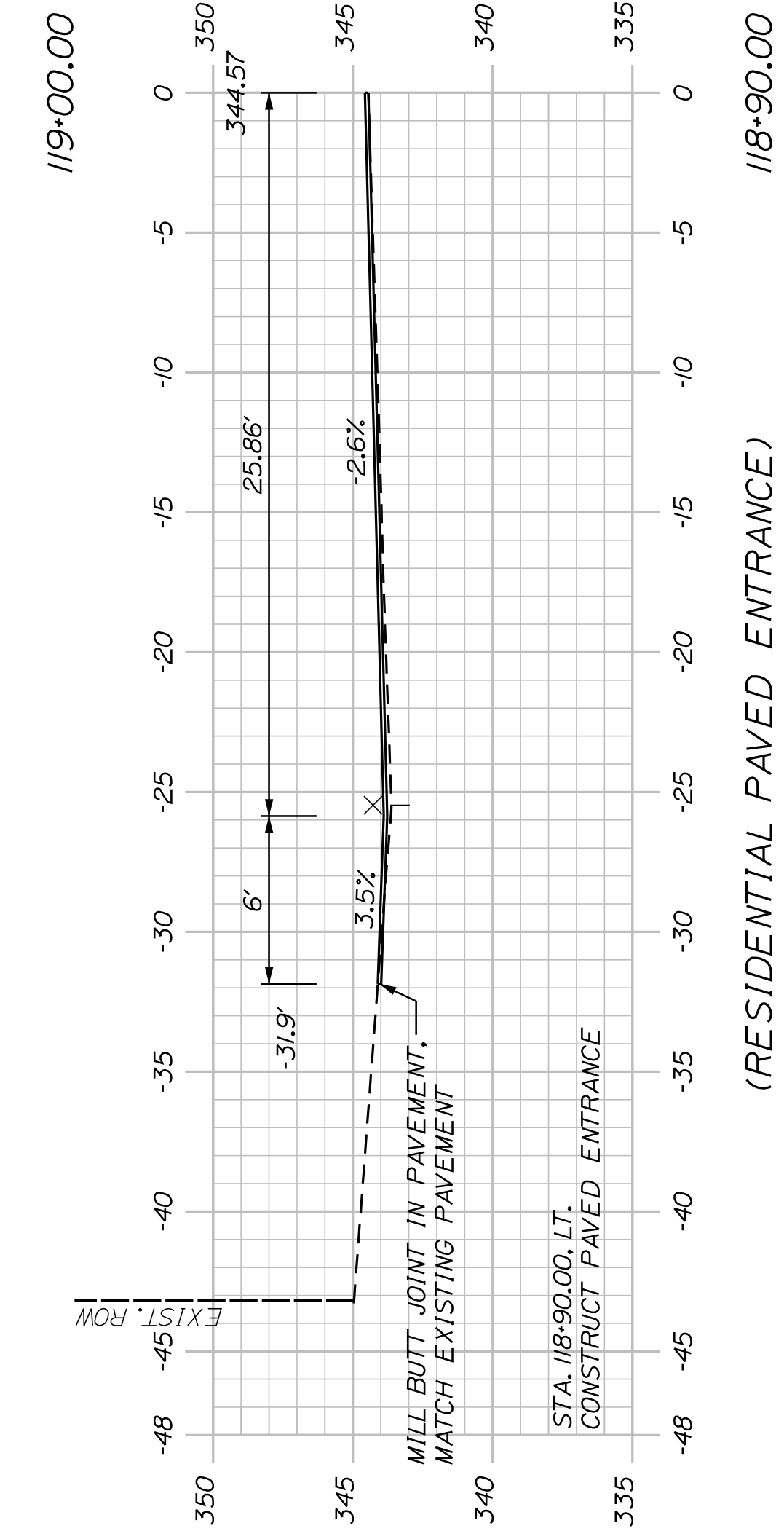
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

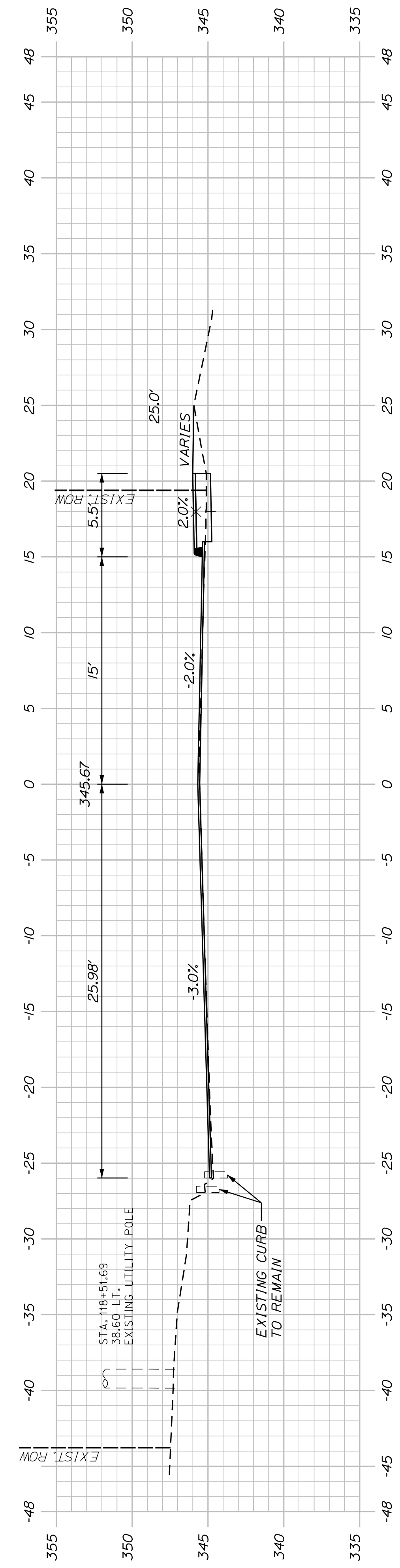
SIGNATURE	P.E. NUMBER	DATE



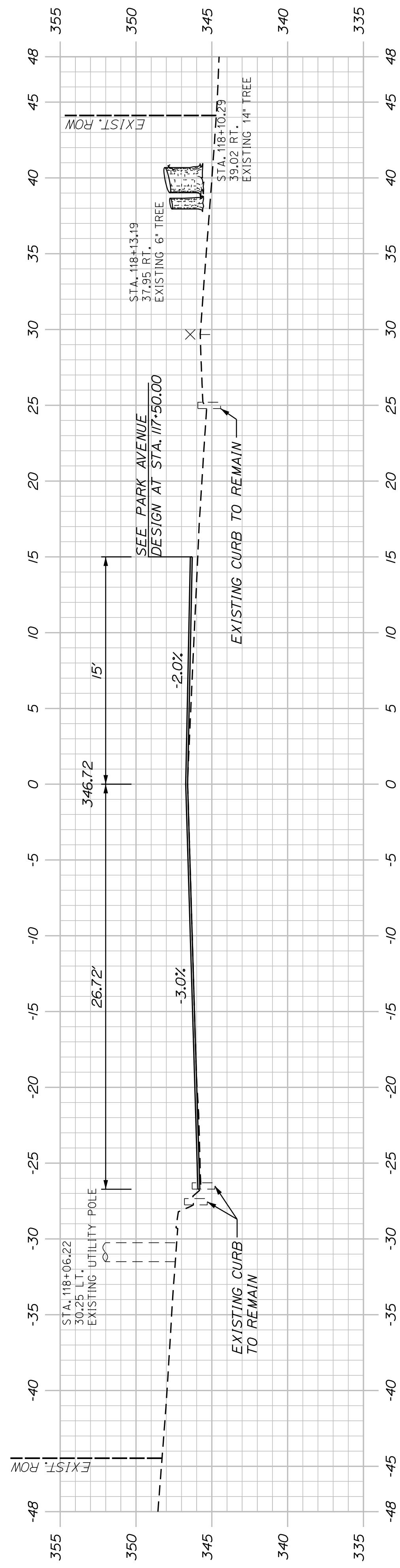
STA. 119+00.00
 END 1.5" HMA OVERLAY WITH VARIABLE DEPTH PAVEMENT MILL AND SHIM
 BEGIN PAVEMENT RECLAIM AND ROADWAY REHABILITATION



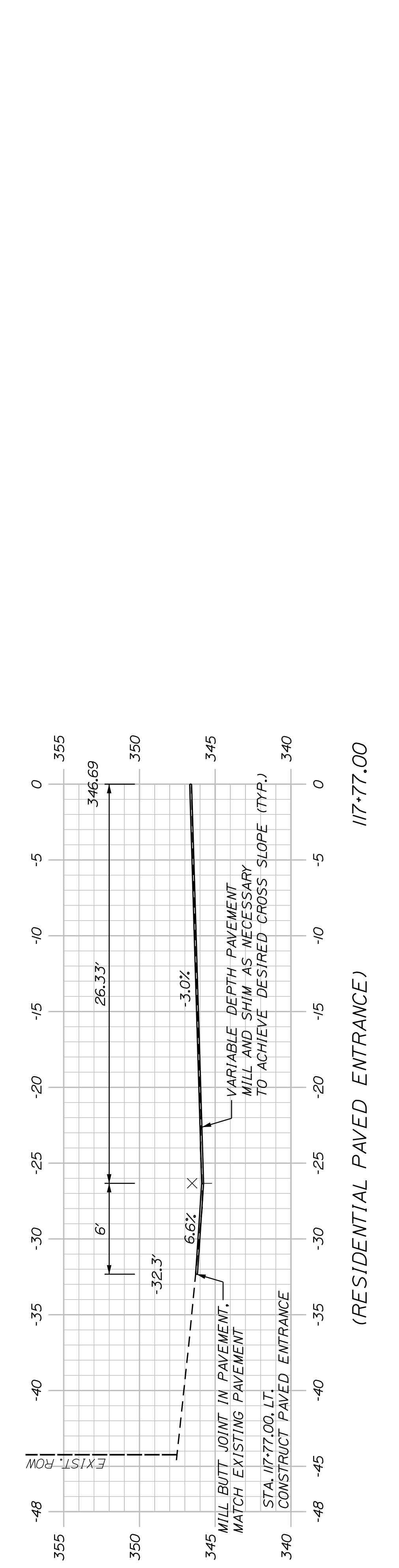
(RESIDENTIAL PAVED ENTRANCE)
 118+90.00



118+50.00



118+00.00



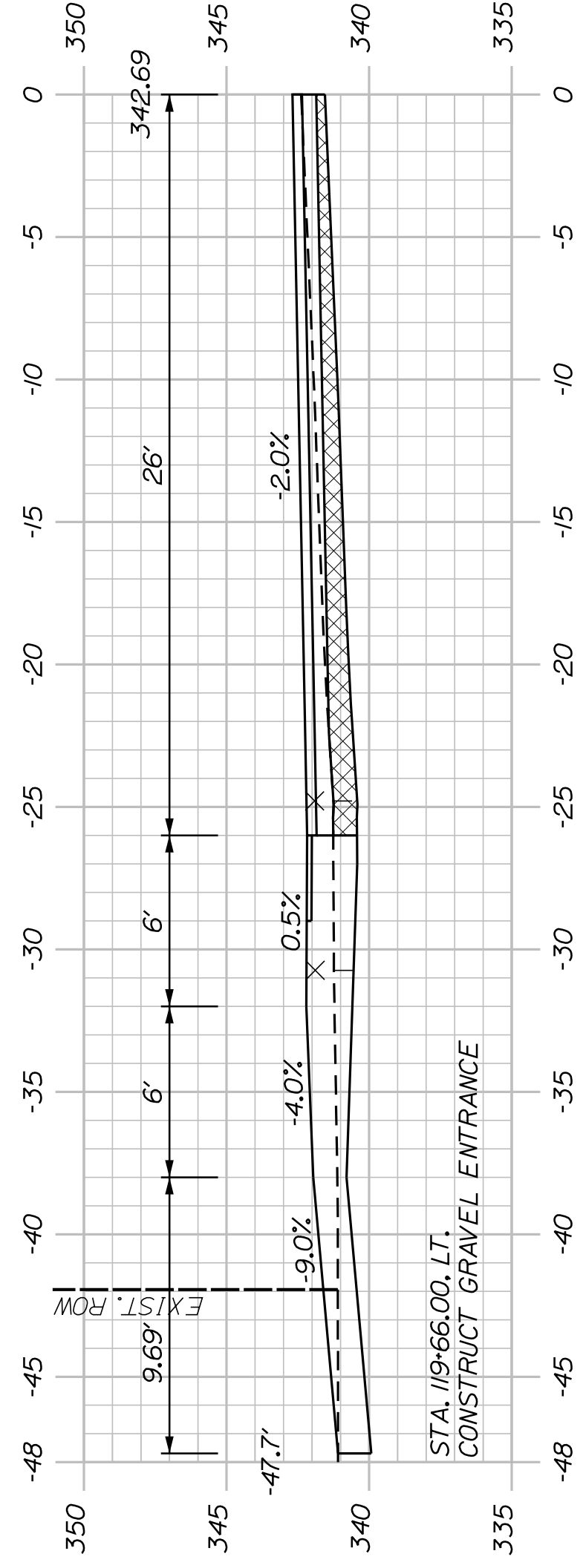
(RESIDENTIAL PAVED ENTRANCE)
 117+77.00

SHEET NUMBER
41
 OF 63

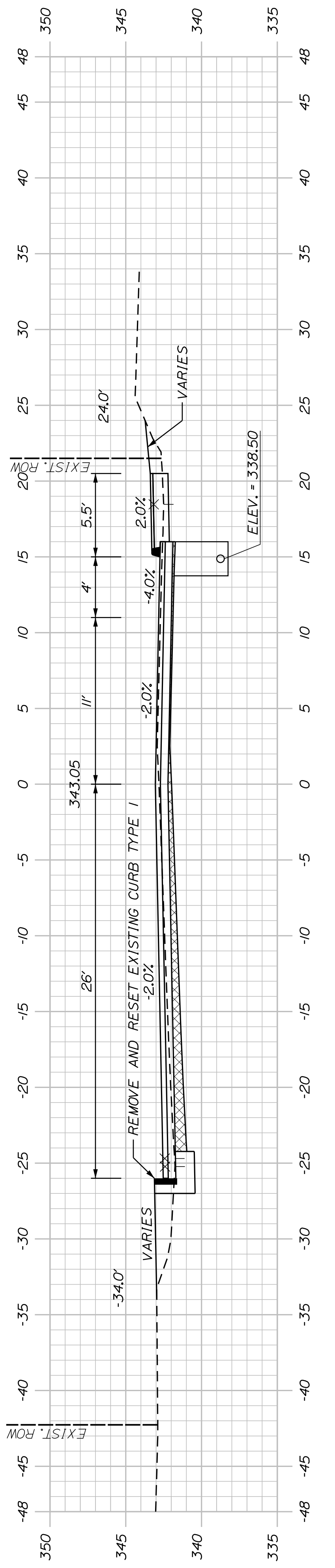
AUBURN
 MT. AUBURN AVENUE
 CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/12/22
CHECKED/REVIEWED	J. WACHENBACH	D. ETTINGER	05/12/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

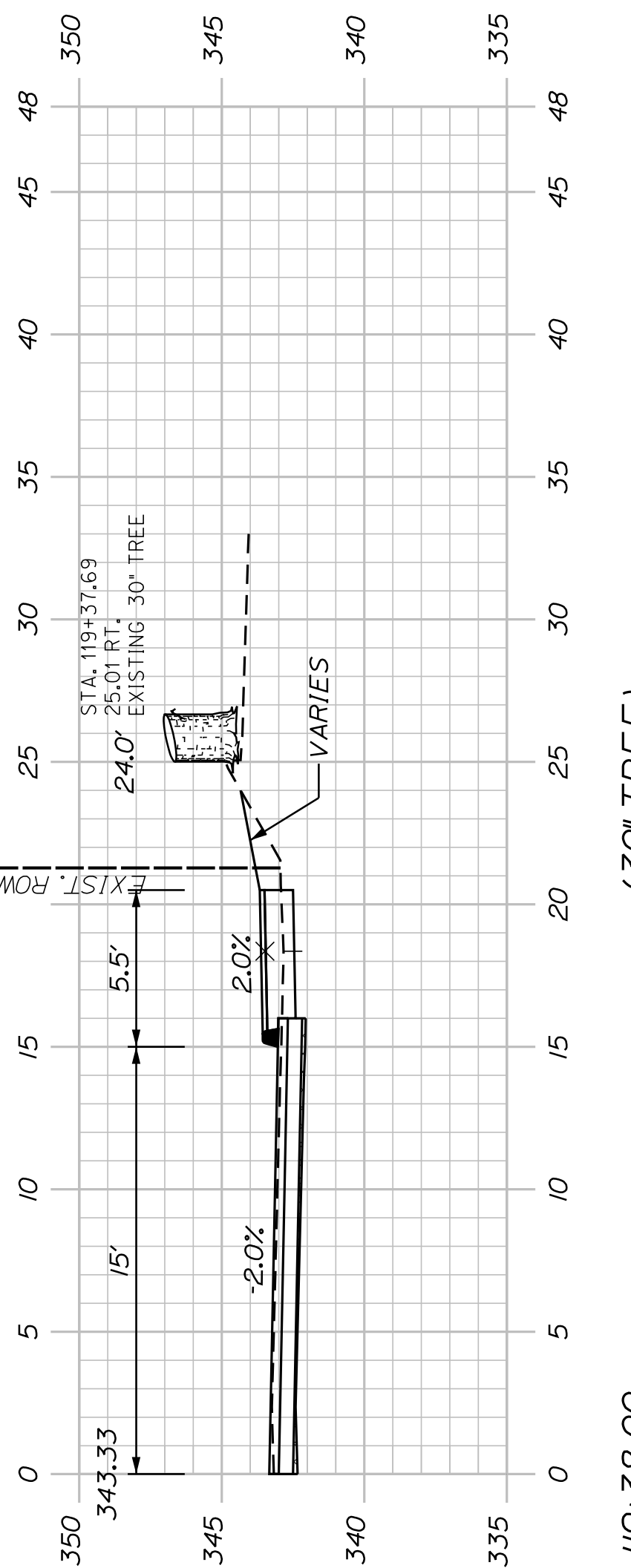
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210



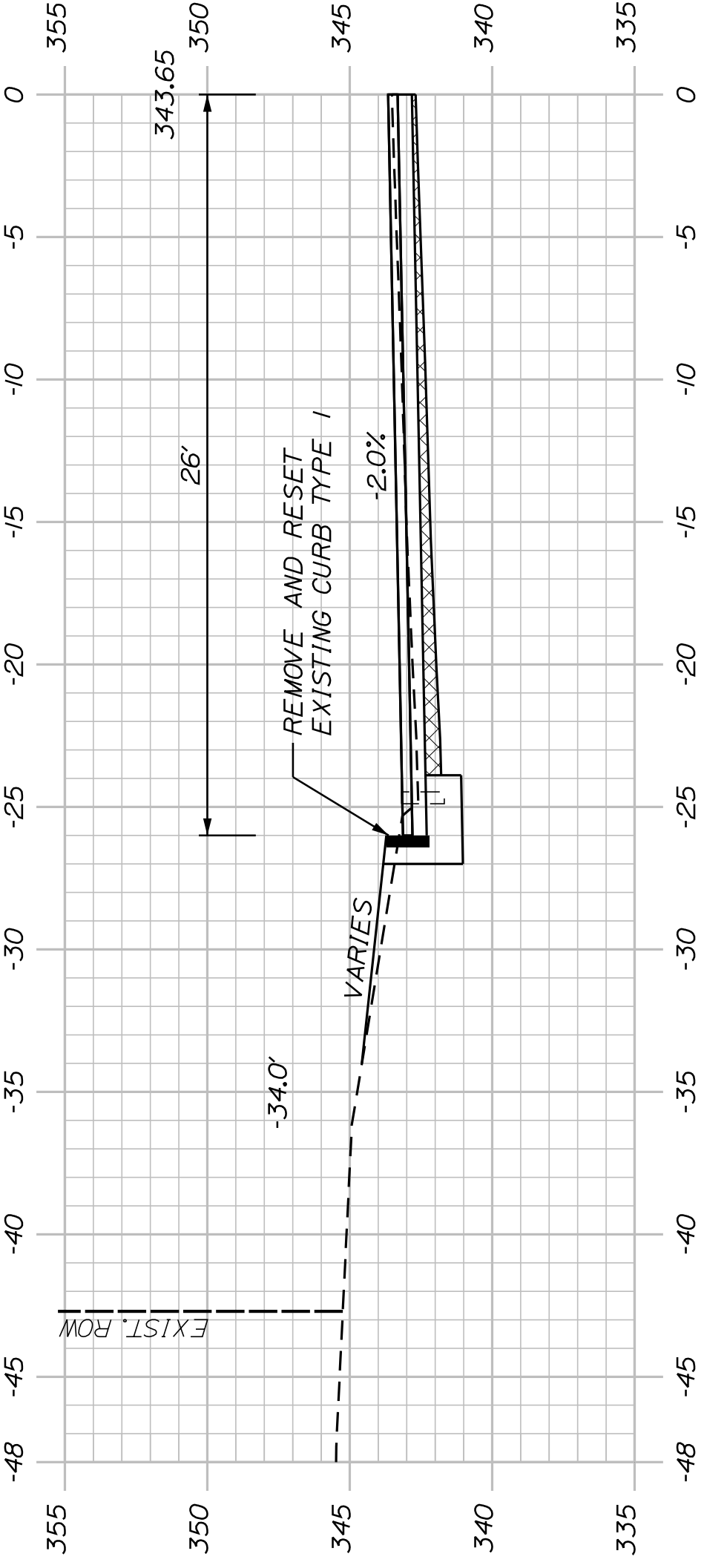
(RESIDENTIAL GRAVEL ENTRANCE) 119+66.00



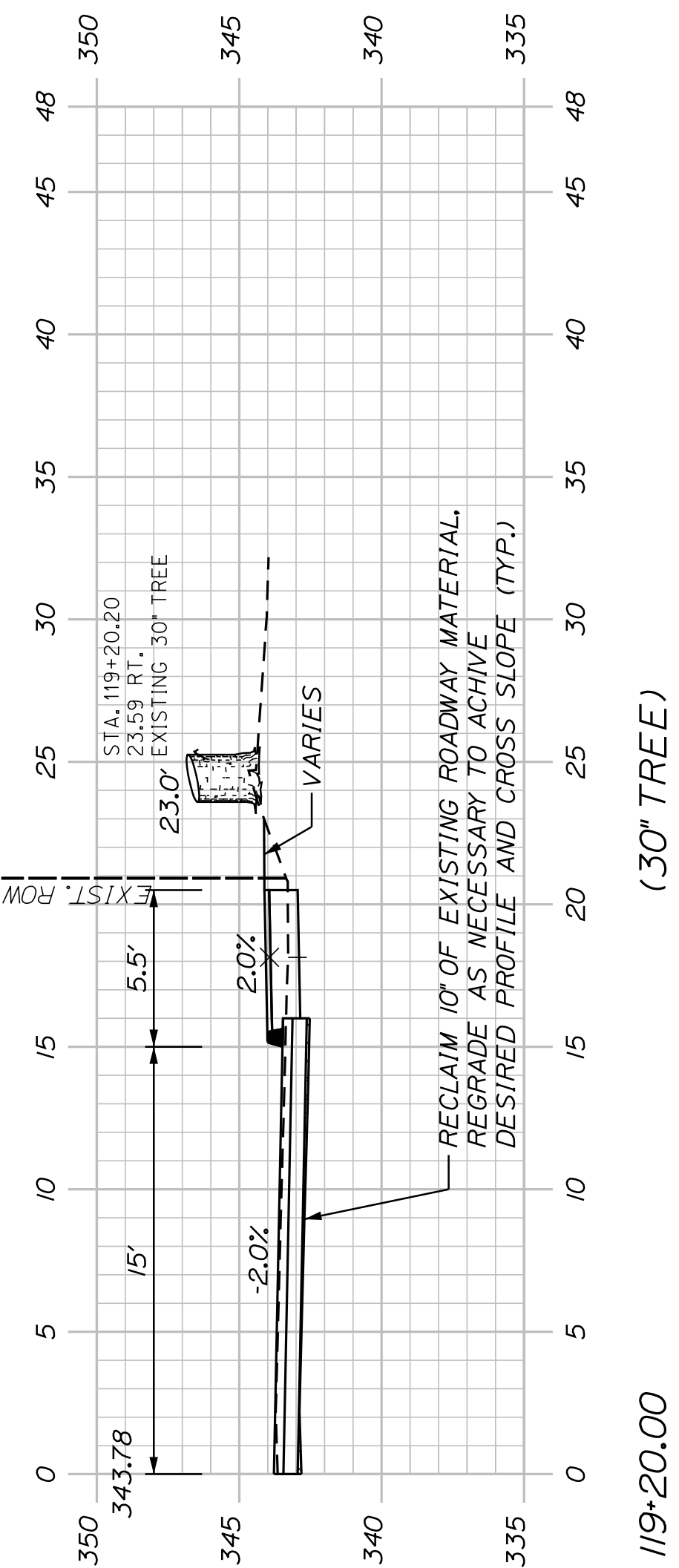
119+50.00



119+38.00 (30' TREE)



119+25.00



119+20.00 (30' TREE)

SHEET NUMBER

42

OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

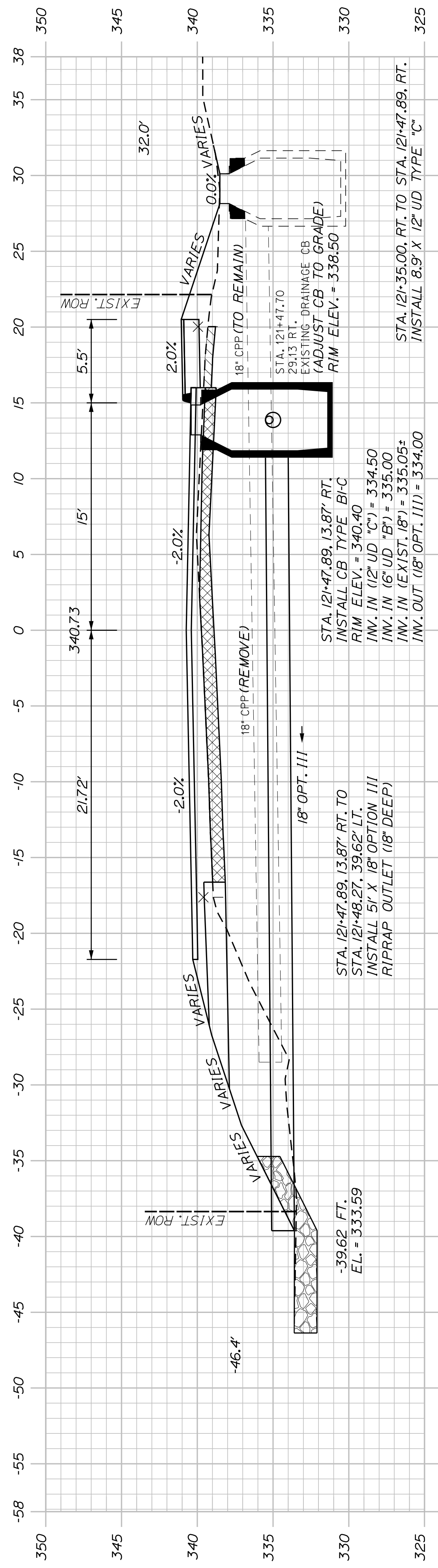
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

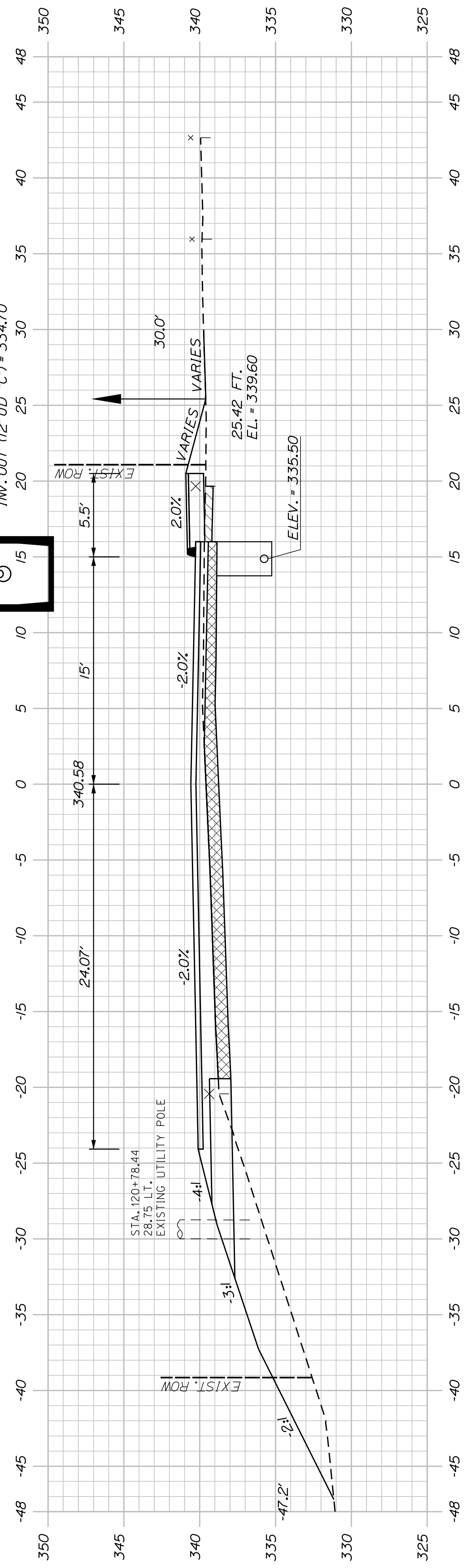
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

STA. 121+49.42, 37.50' LT. TO STA. 121+65.47, 19.61' LT.
 INSTALL 24.0' X 6" UD "B"
 INVERT OUT = 335.00
 RIPRAP OUTLET

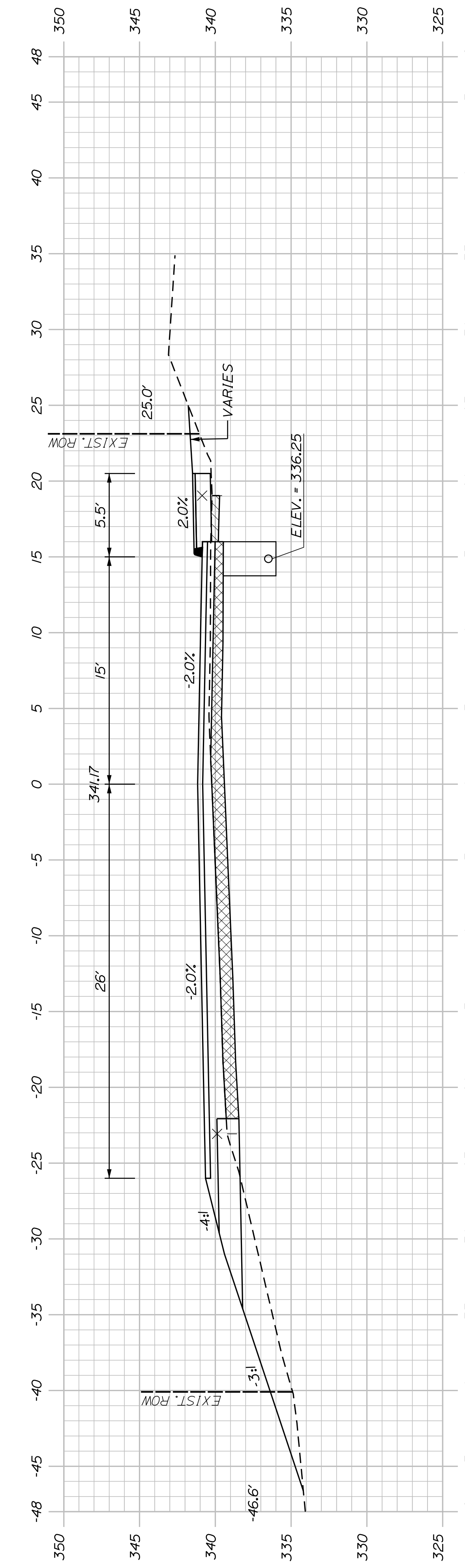
STA. 121+47.89, RT. TO STA. 126+47.50, RT.
 INSTALL 497.3' X 6" UD TYPE "B"



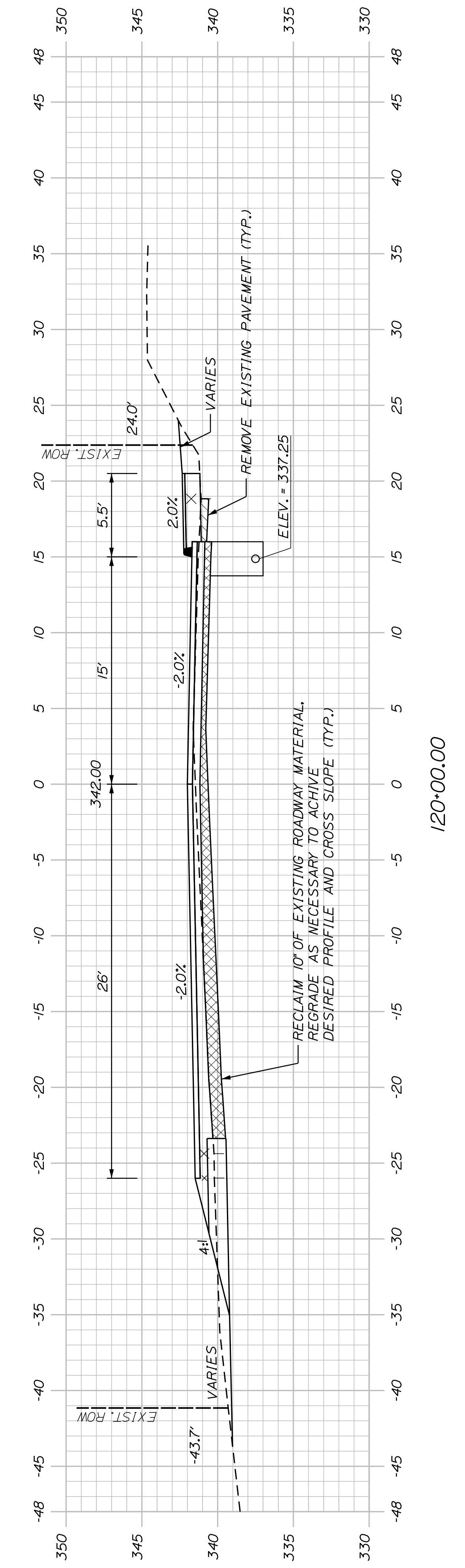
121+47.99
 (SKEWED) (CROSS CULVERT)



121+00.00



120+50.00



SHEET NUMBER

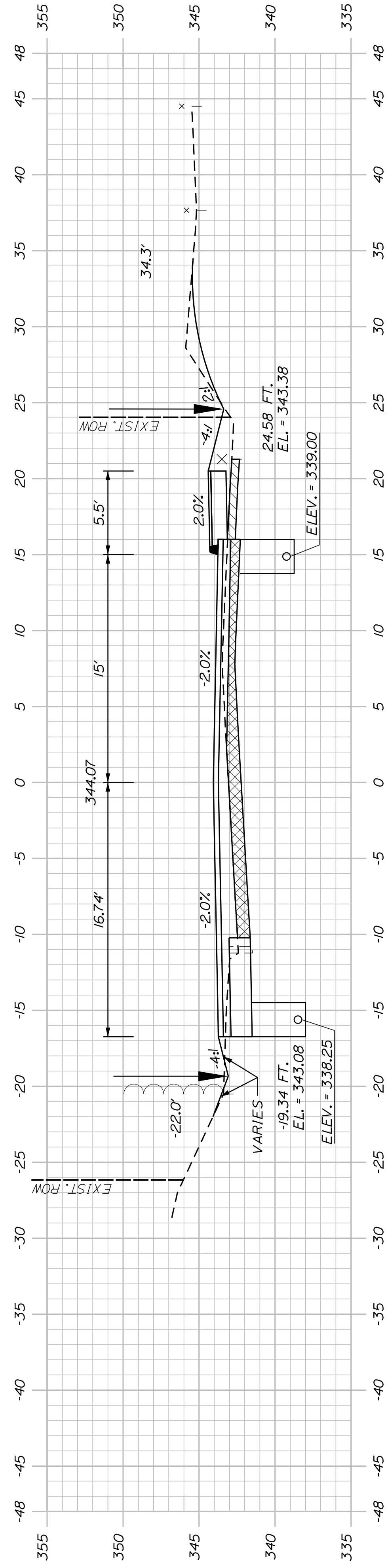
43

OF 63

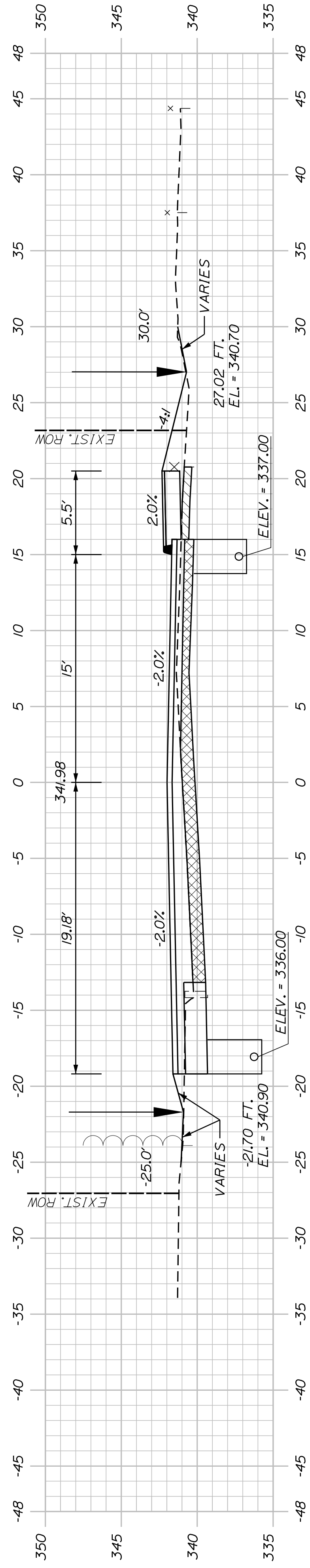
AUBURN
 MT. AUBURN AVENUE
 CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	J. FITZMAURICE	DATE	05/22
DESIGN-DETAILED	T. WARREN	CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	SIGNATURE
CHECKED-REVIEWED	J. WACHENBACH	DESIGN-DETAILED	D. EITINGER		P.E. NUMBER
DESIGN-DETAILED		DESIGN-DETAILED			DATE
REVISIONS 1		REVISIONS 1			
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

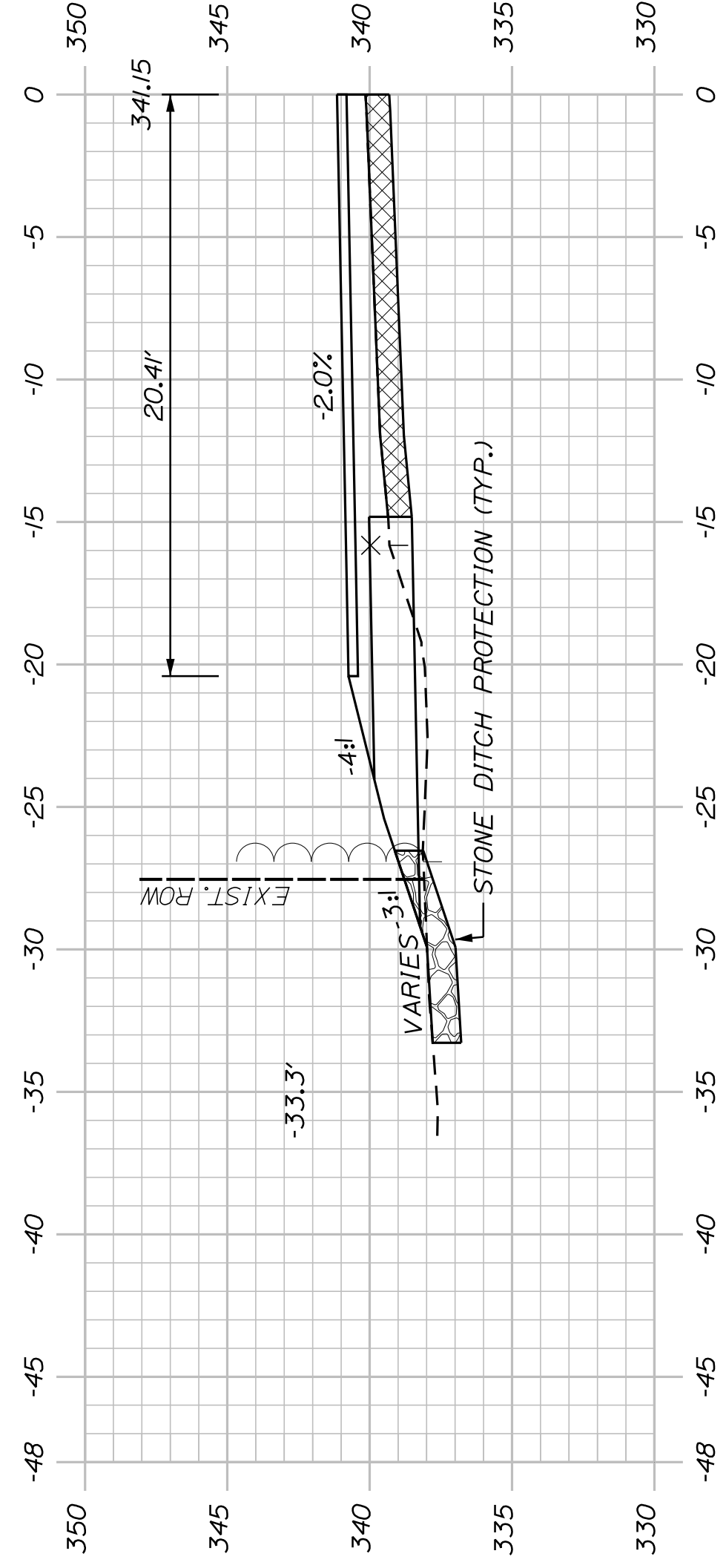
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210



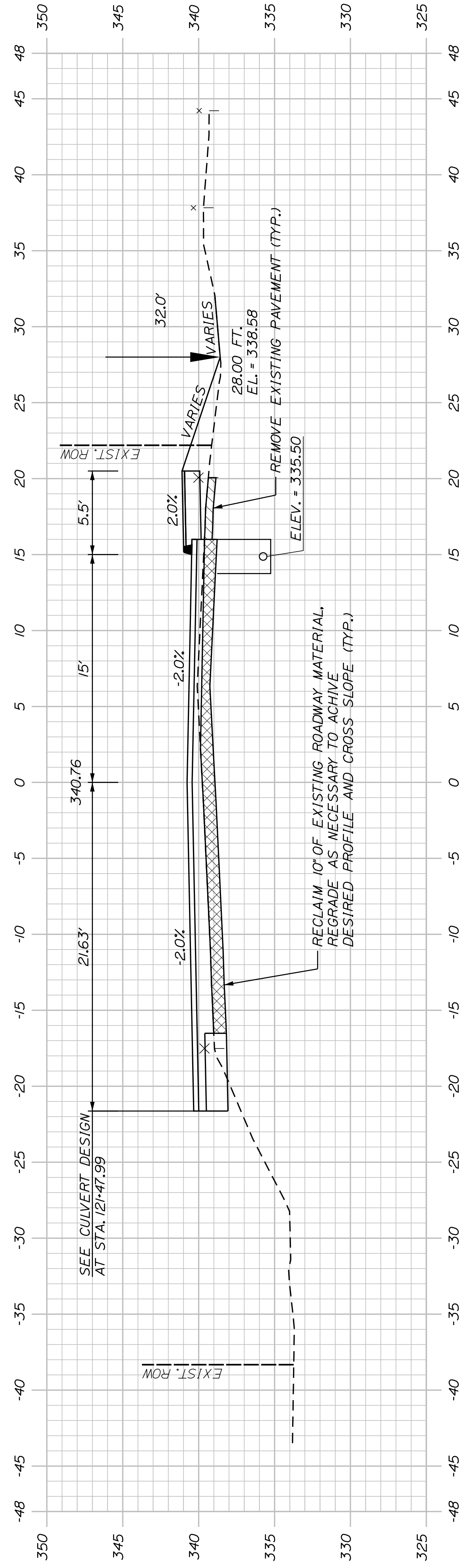
122+50.00



122+00.00



121+75.00



121+50.00

STA. 121+51 TO STA. 122+00, LT.
INSTALL STONE DITCH PROTECTION

SHEET NUMBER

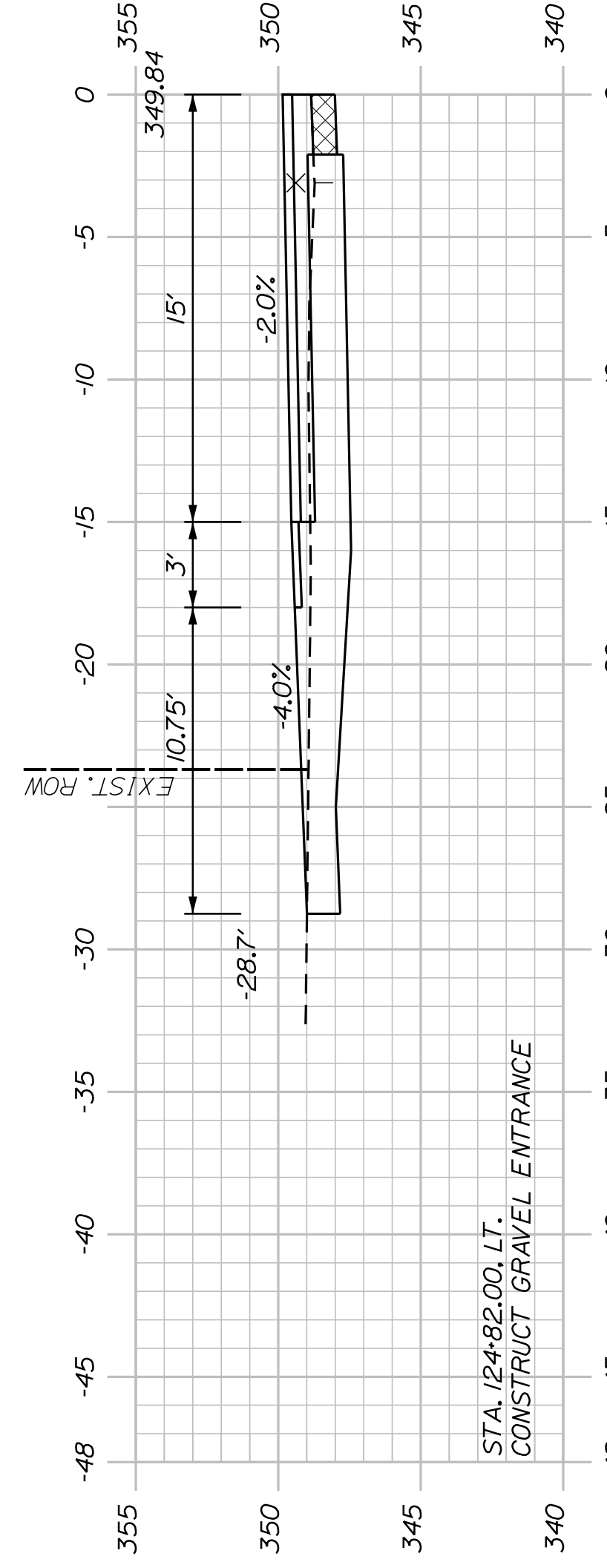
44

OF 63

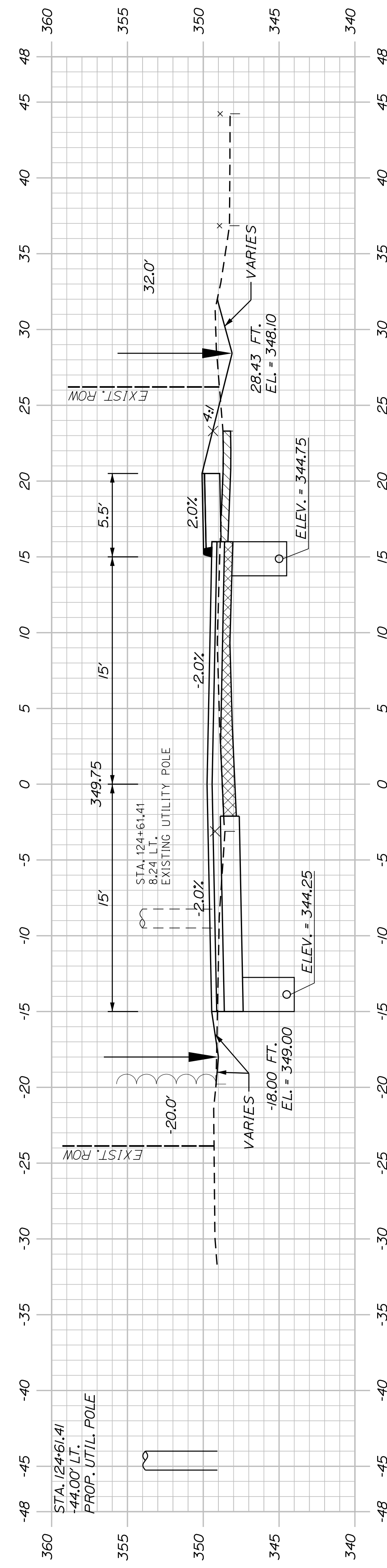
AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	J. FITZWARRE	DATE	05/22
DESIGN-DETAILED	T. WARREN	CHECKED-REVIEWED	J. WACHENBACH	DATE	05/22
DESIGN-DETAILED		DESIGN-DETAILED	D. ETTINGER	SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

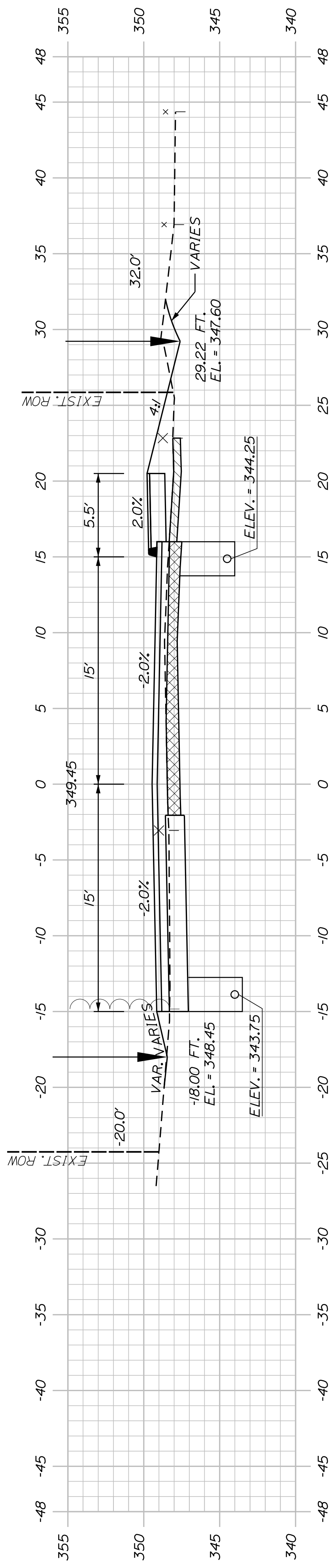
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



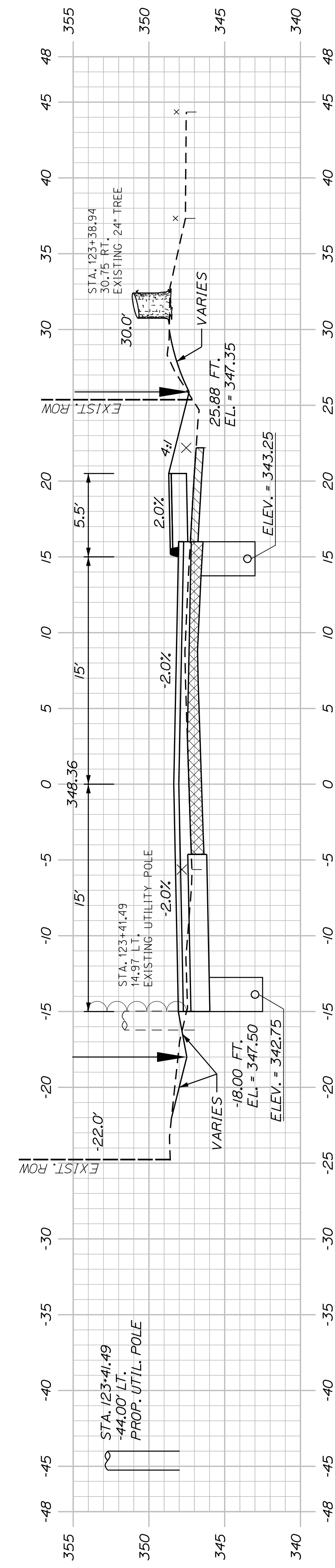
(COMMERCIAL GRAVEL ENTRANCE) 124+82.00



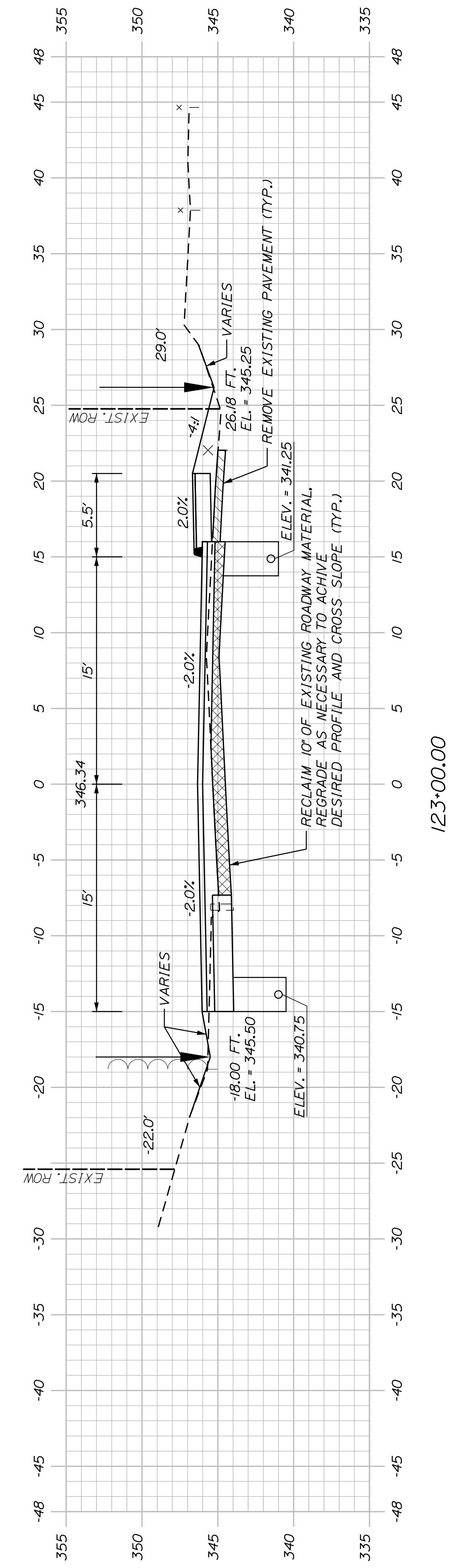
124+50.00



124+00.00



123+50.00



123+00.00

SHEET NUMBER

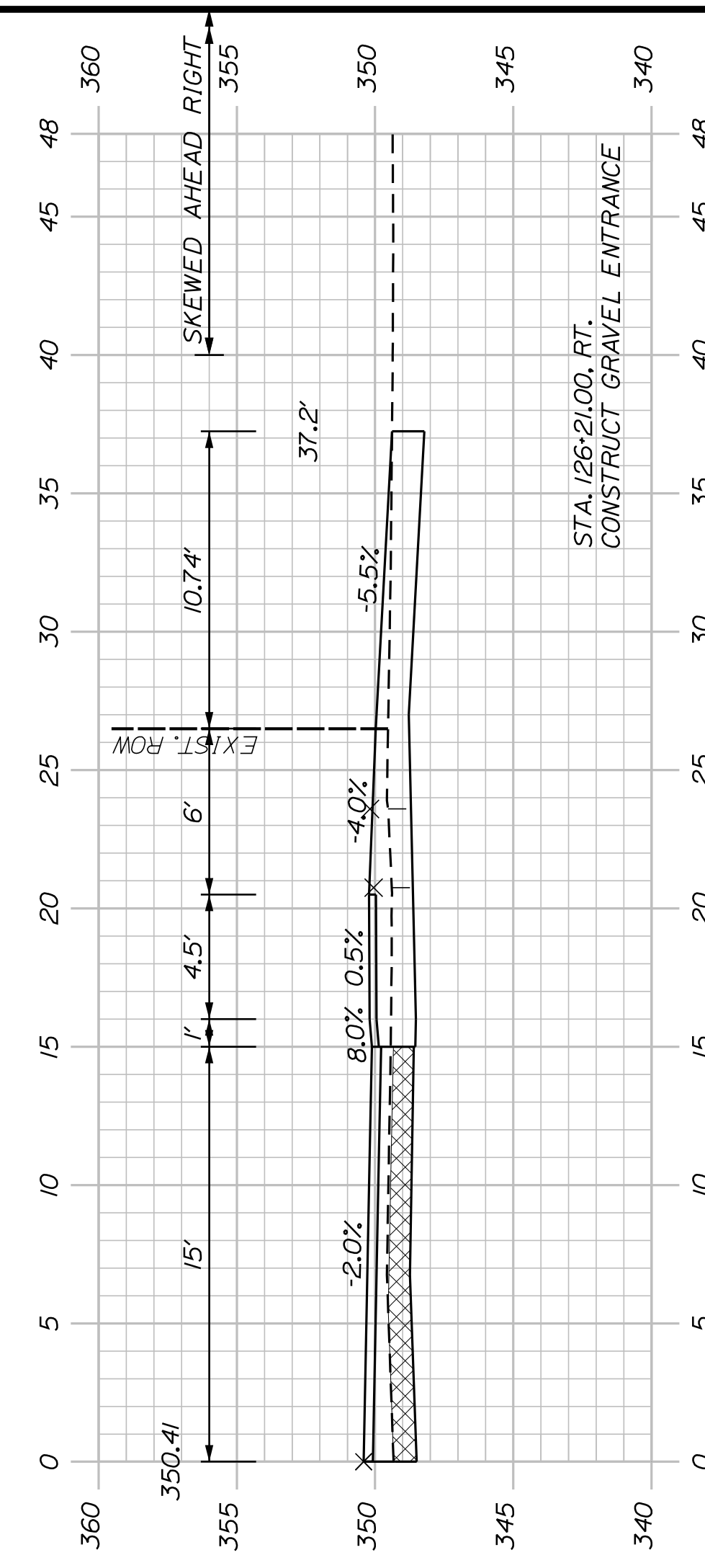
45

OF 63

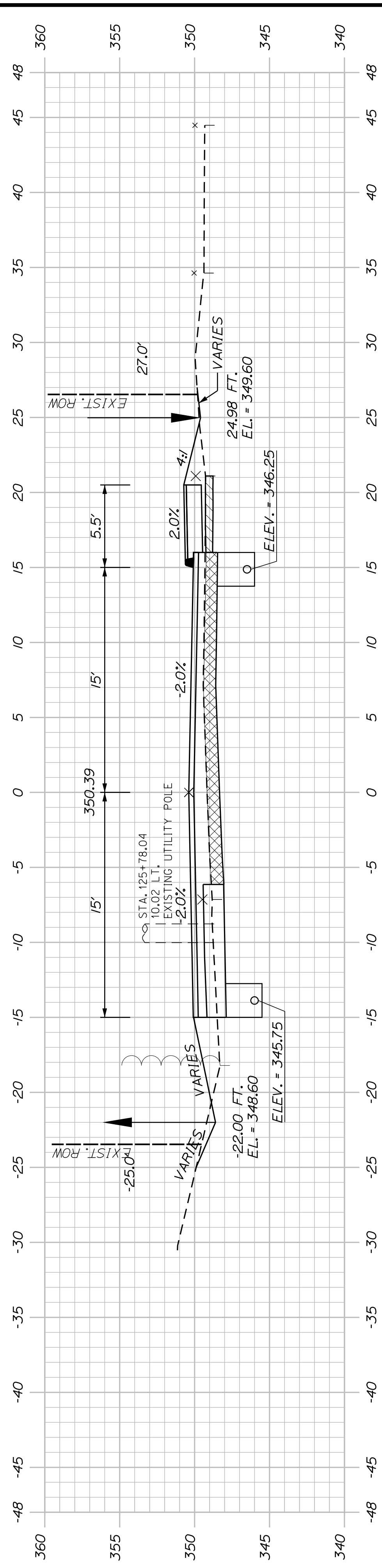
AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	J. WARREN	DATE	05/12/22
DESIGN DETAILED	J. WARREN	CHECKED/REVIEWED	J. FITZMAURICE	DATE	05/12/22
DESIGNS DETAILED	J. WACHENBACH	DESIGNS DETAILED	D. EITINGER	SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

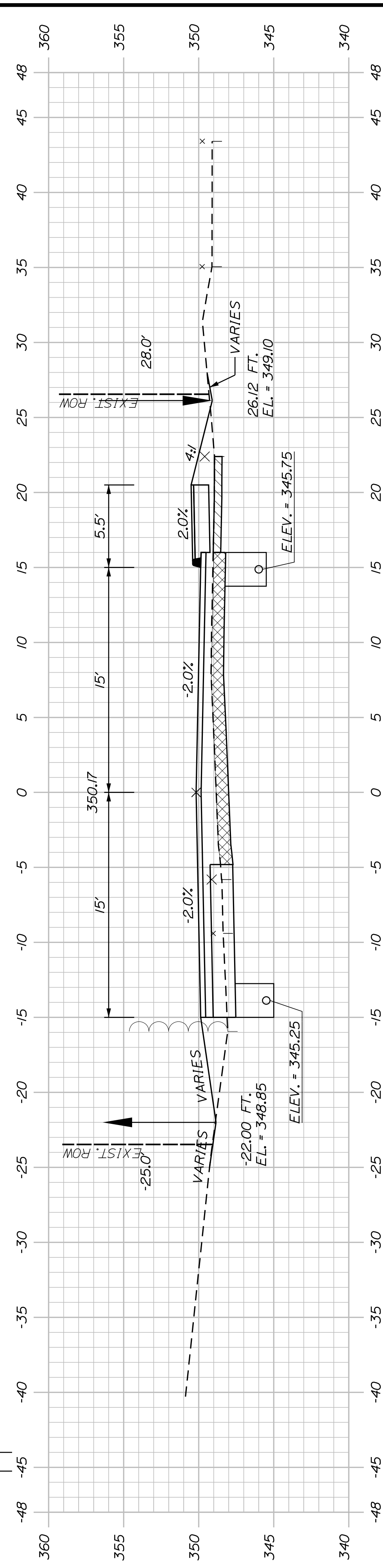
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



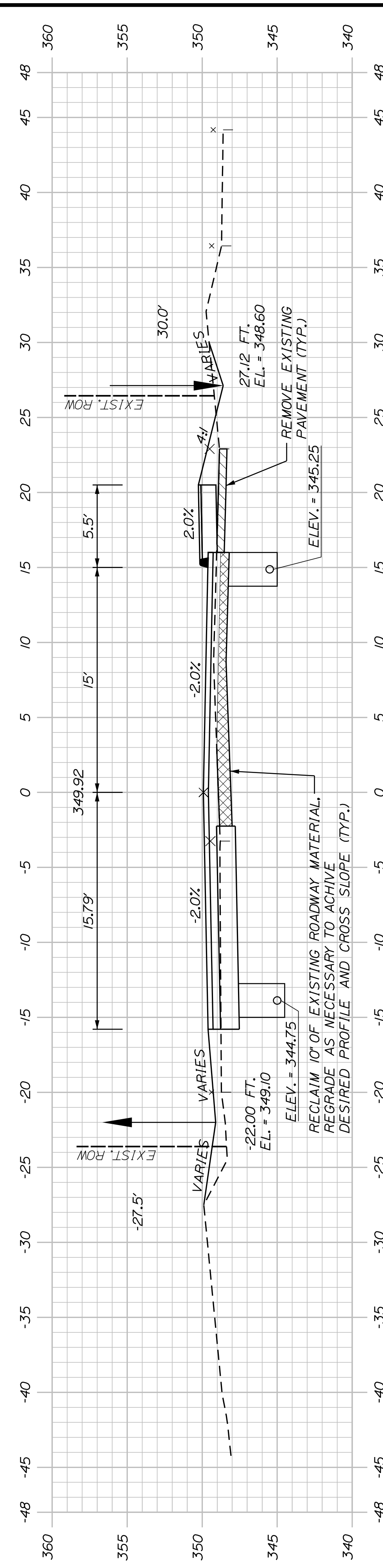
126+21.00 (COMMERCIAL GRAVEL ENTRANCE)



126+00.00



125+50.00



125+00.00

SHEET NUMBER

46

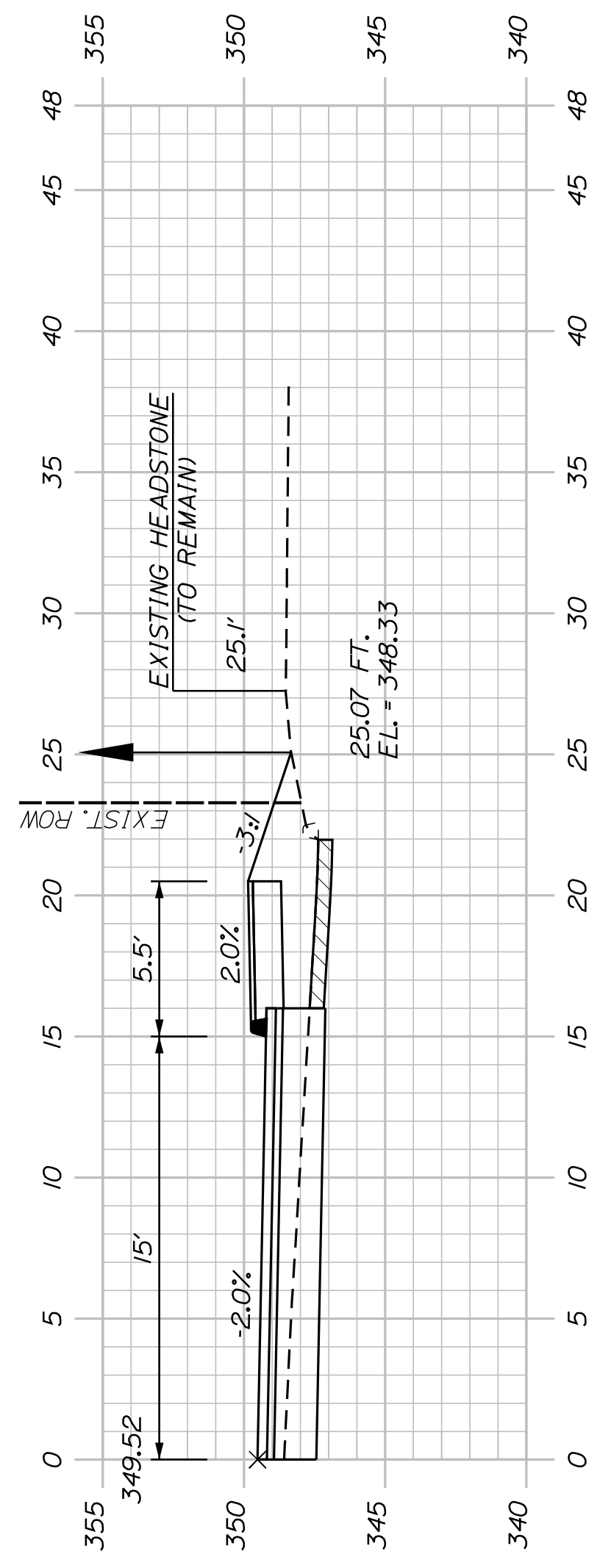
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

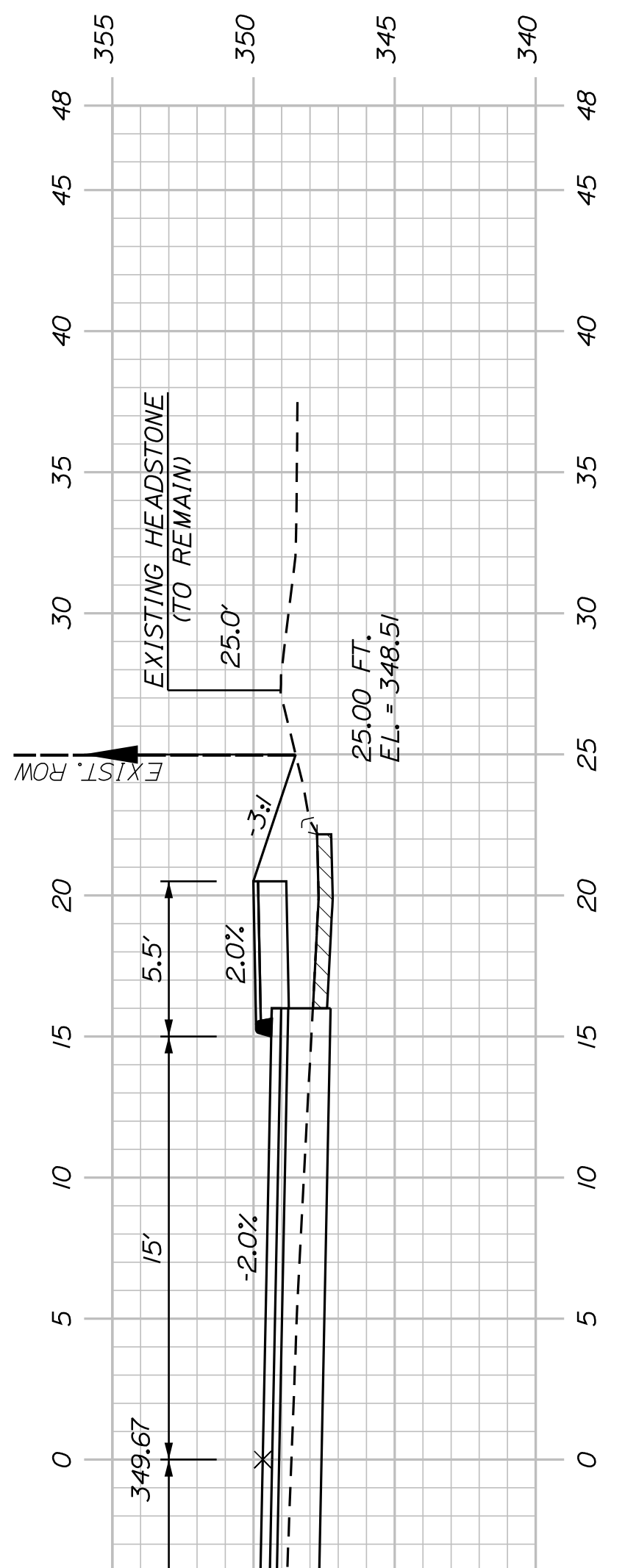
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/12/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/12/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

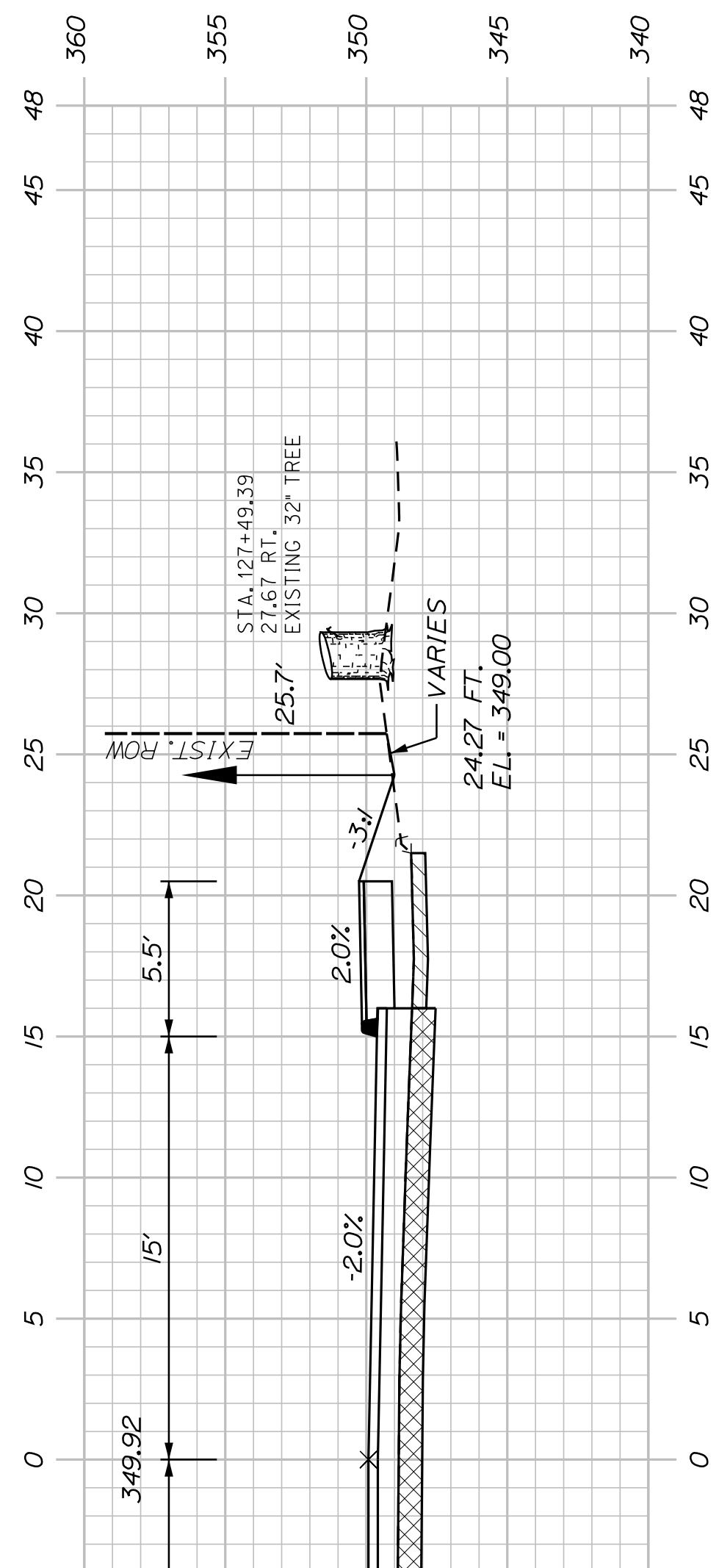


128+30.00 (HEADSTONE)

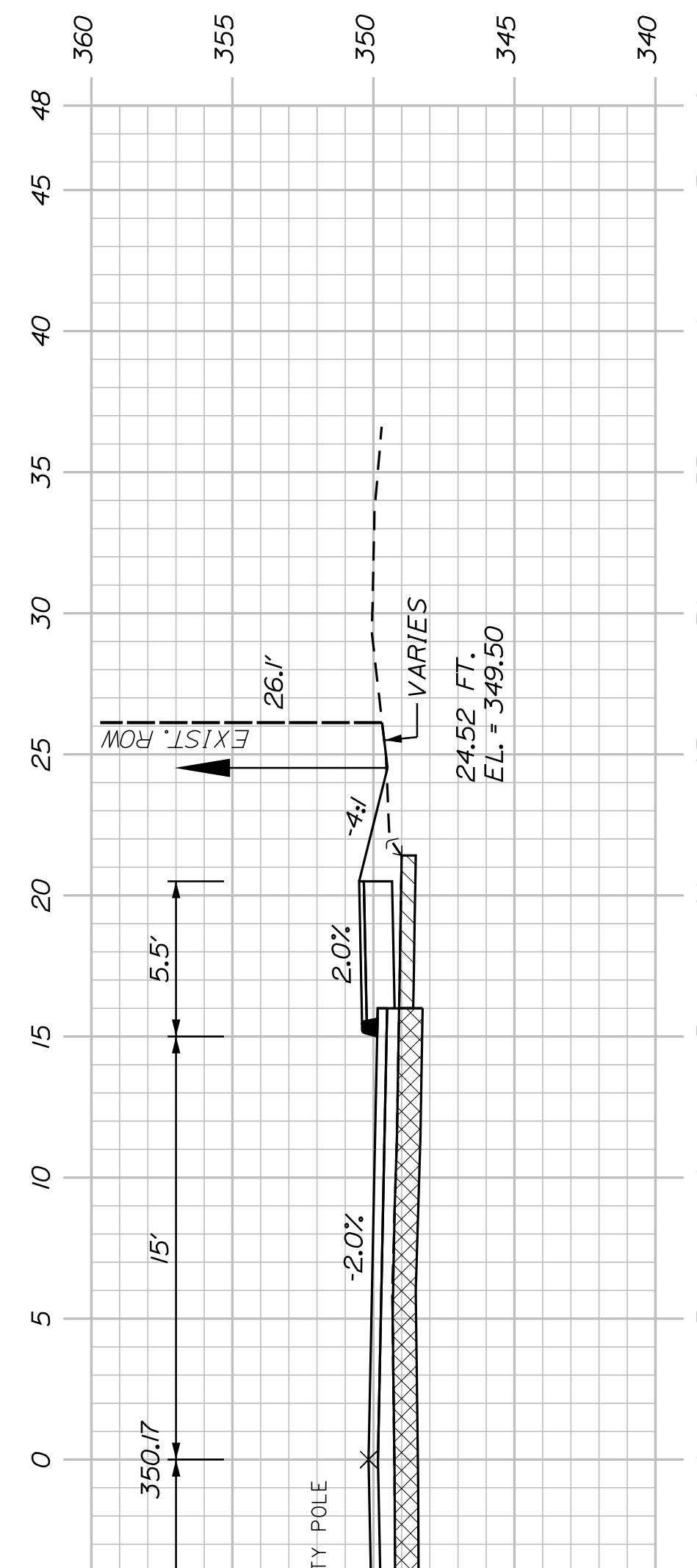


128+00.00

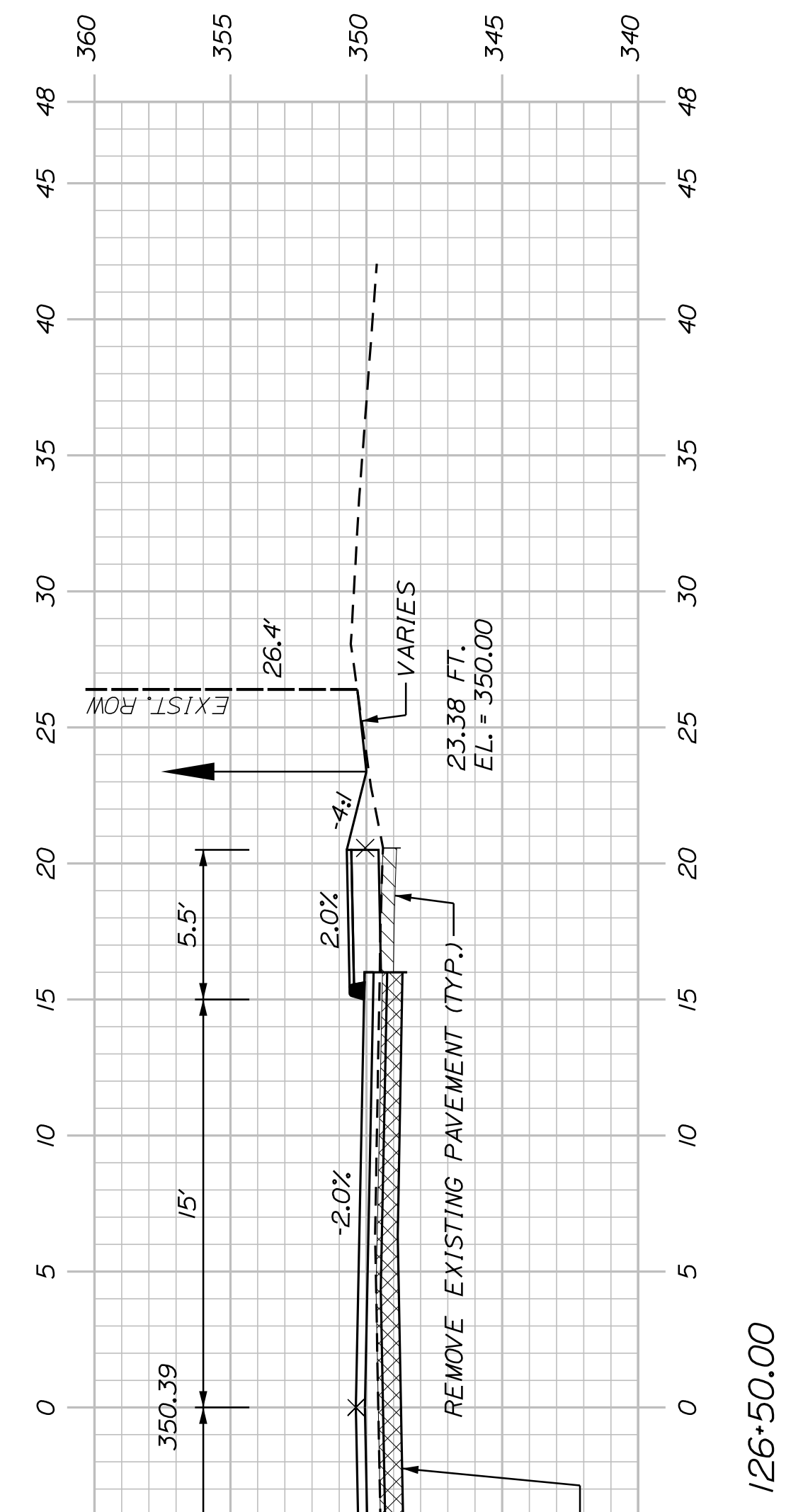
STA. 127+75
END PAVEMENT RECLAIM
AND ROADWAY REHABILITATION
BEGIN FULL DEPTH RECONSTRUCTION



127+50.00



127+00.00



126+50.00

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

SHEET NUMBER

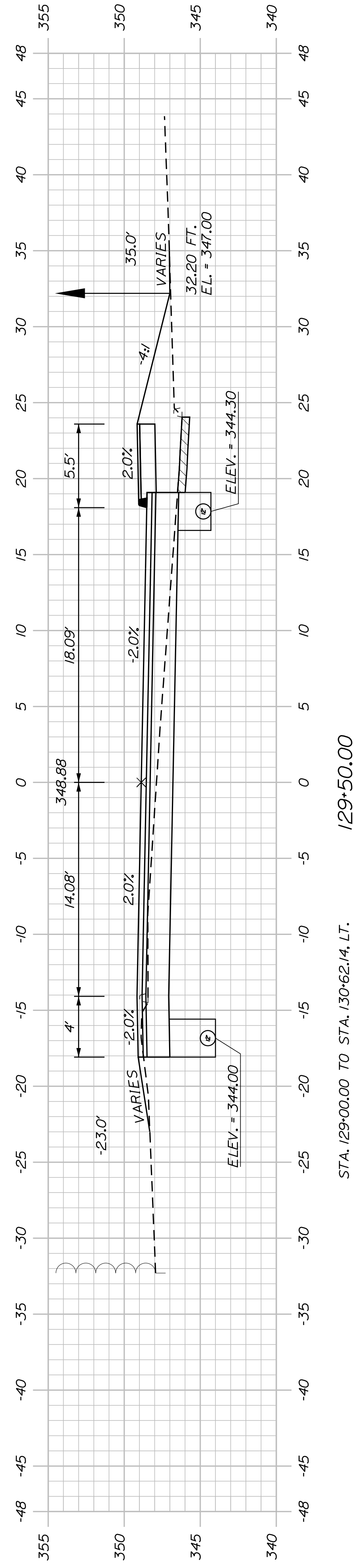
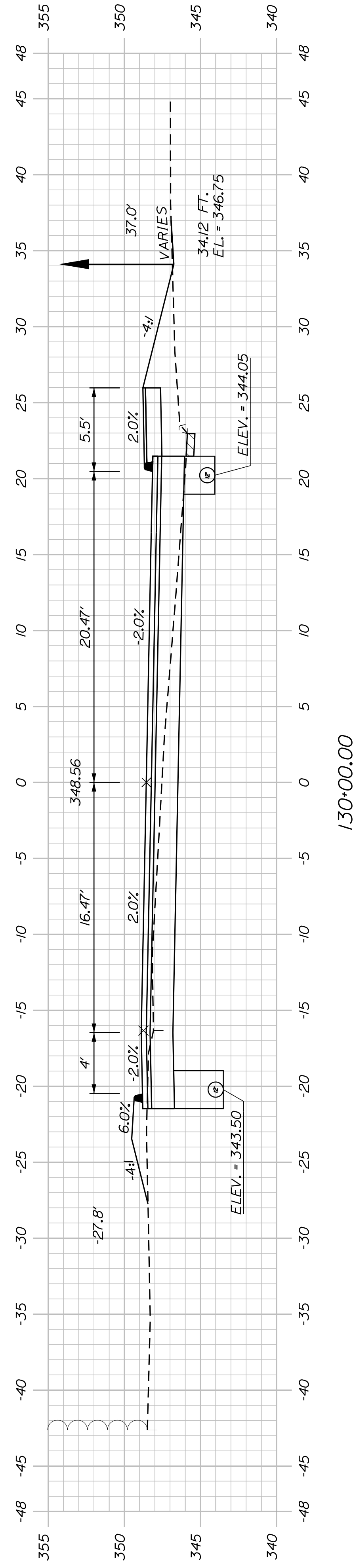
47

OF 63

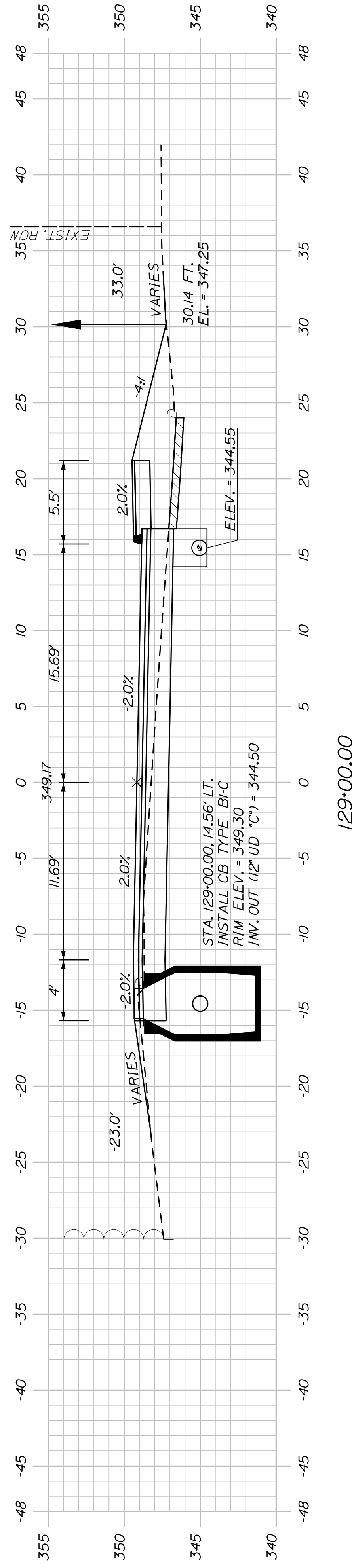
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZWALKE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGNS-DETAILED			
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

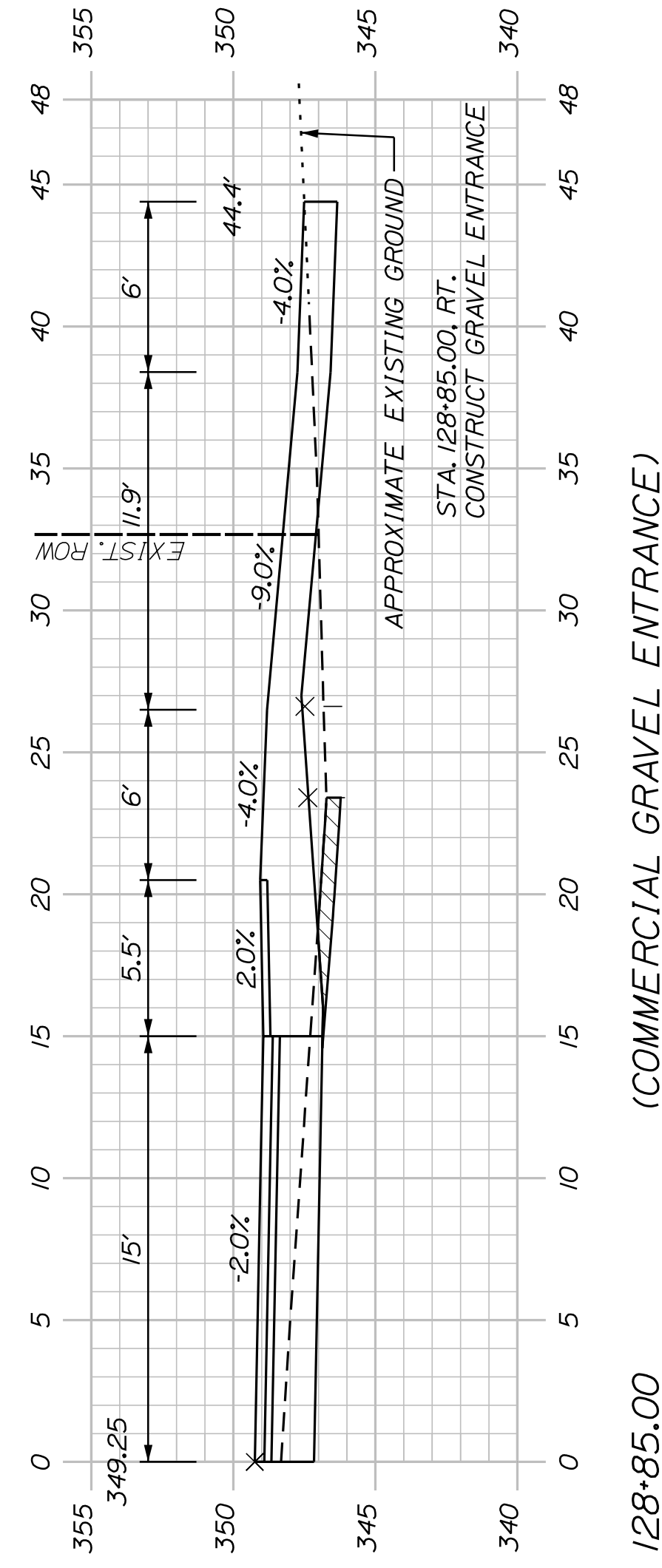
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



STA. 129+00.00 TO STA. 130+62.14 LT.
INSTALL 162.8' X 12" UD TYPE "C"

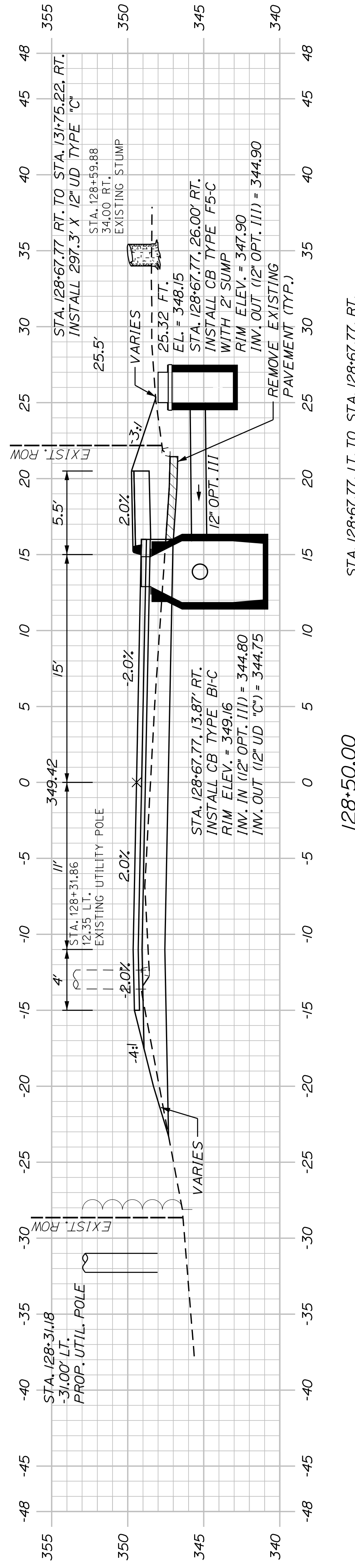


STA. 129+00.00, 14.56' LT.
INSTALL CB TYPE "B-C"
RIM ELEV. = 349.30
INV. OUT (12" UD "C") = 344.50



STA. 128+85.00 RT.
CONSTRUCT GRAVEL ENTRANCE

(COMMERCIAL GRAVEL ENTRANCE)



STA. 128+67.77 LT. TO STA. 128+67.77 RT.
INSTALL 10' X 12" OPTION III

SHEET NUMBER

48

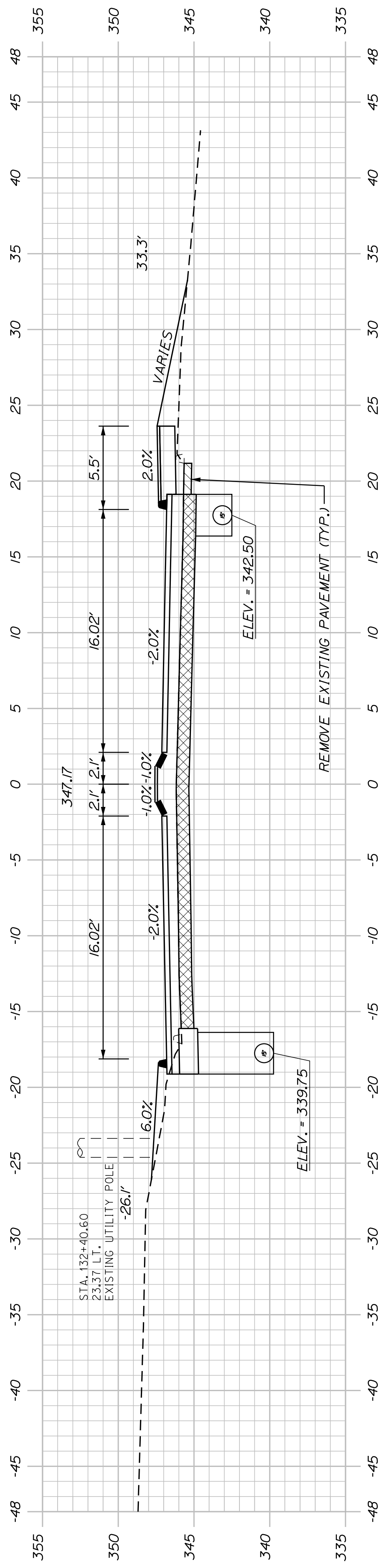
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

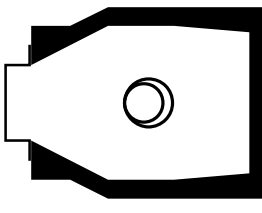
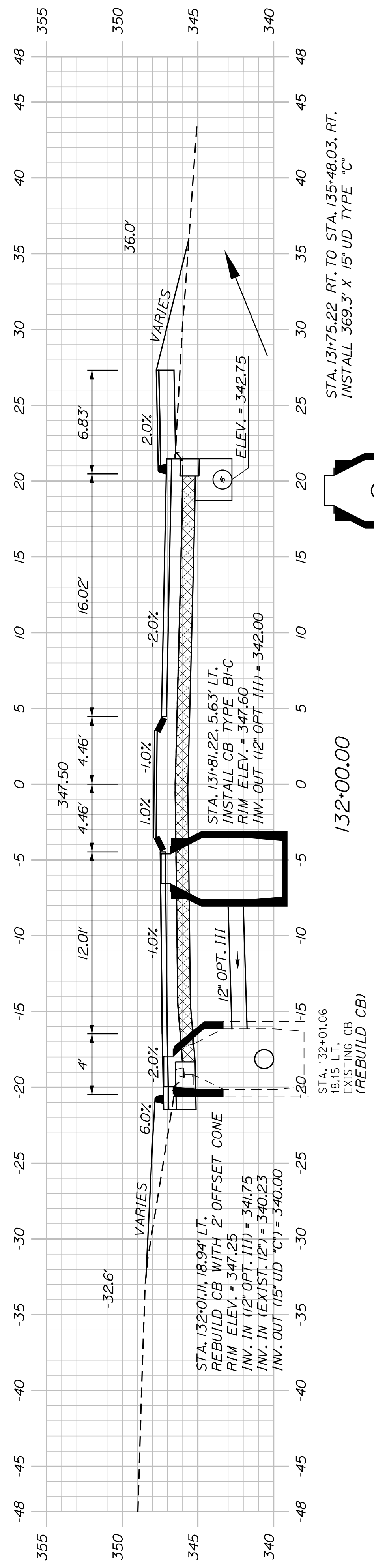
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZWALKE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGNS-DETAILED			
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

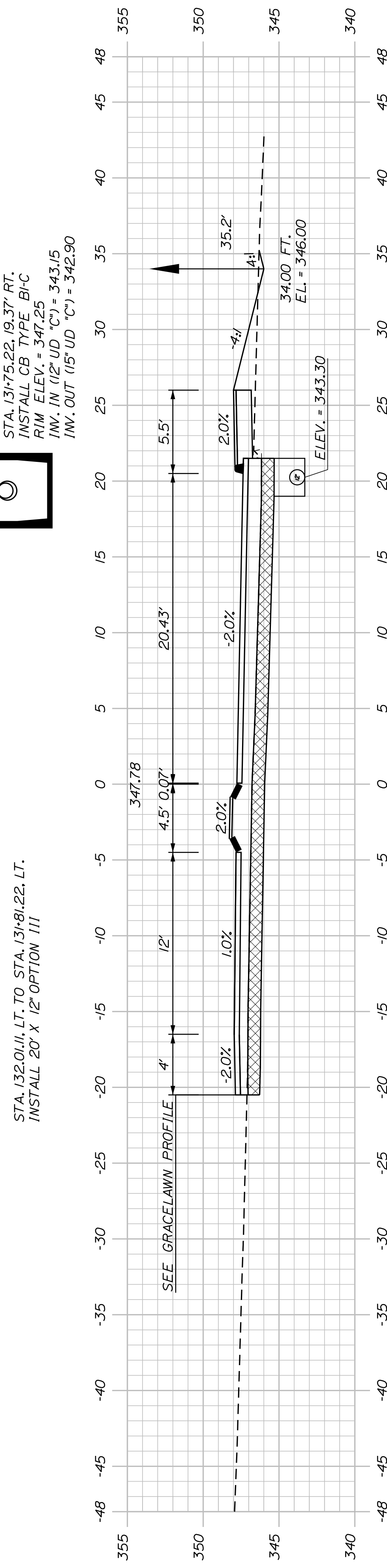
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



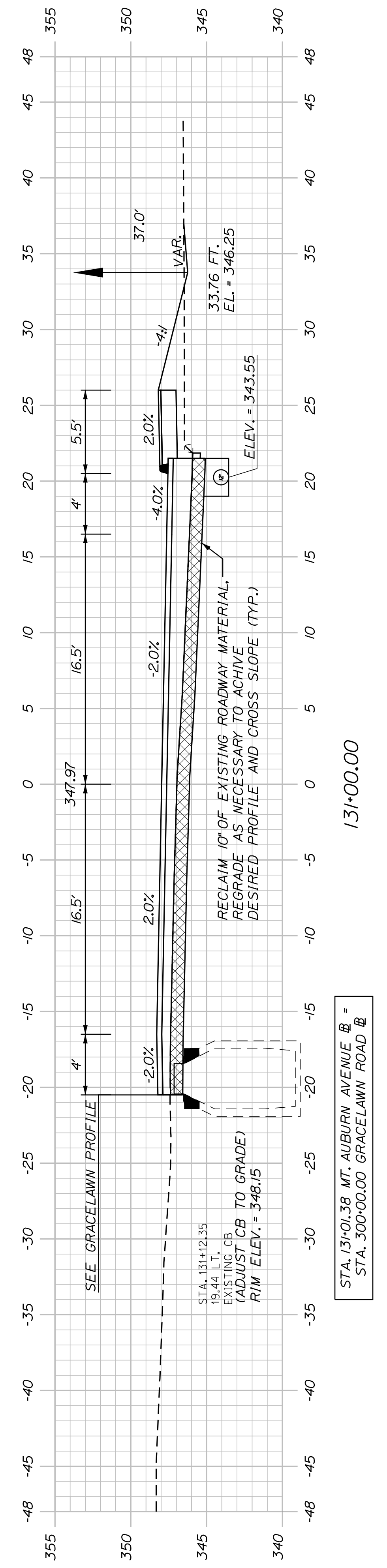
132+50.00



132+00.00

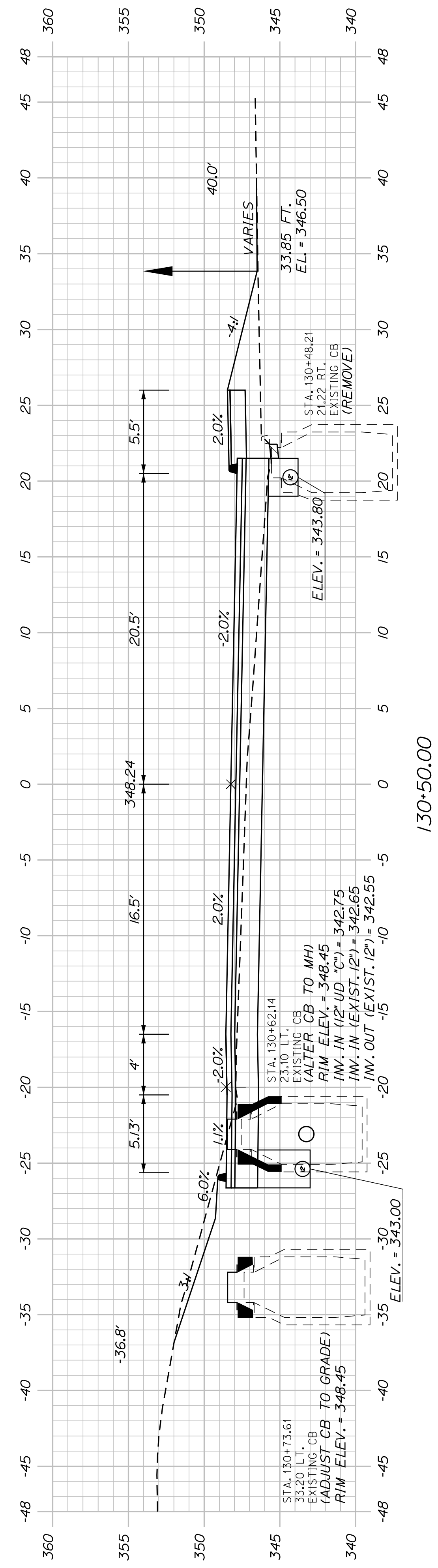


131+50.00



STA. 130+60.00
END FULL DEPTH RECONSTRUCTION BEGIN PAVEMENT RECLAIM AND ROADWAY REHABILITATION

STA. 130+60.00
END FULL DEPTH RECONSTRUCTION BEGIN PAVEMENT RECLAIM AND ROADWAY REHABILITATION



130+50.00

SHEET NUMBER

49

OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

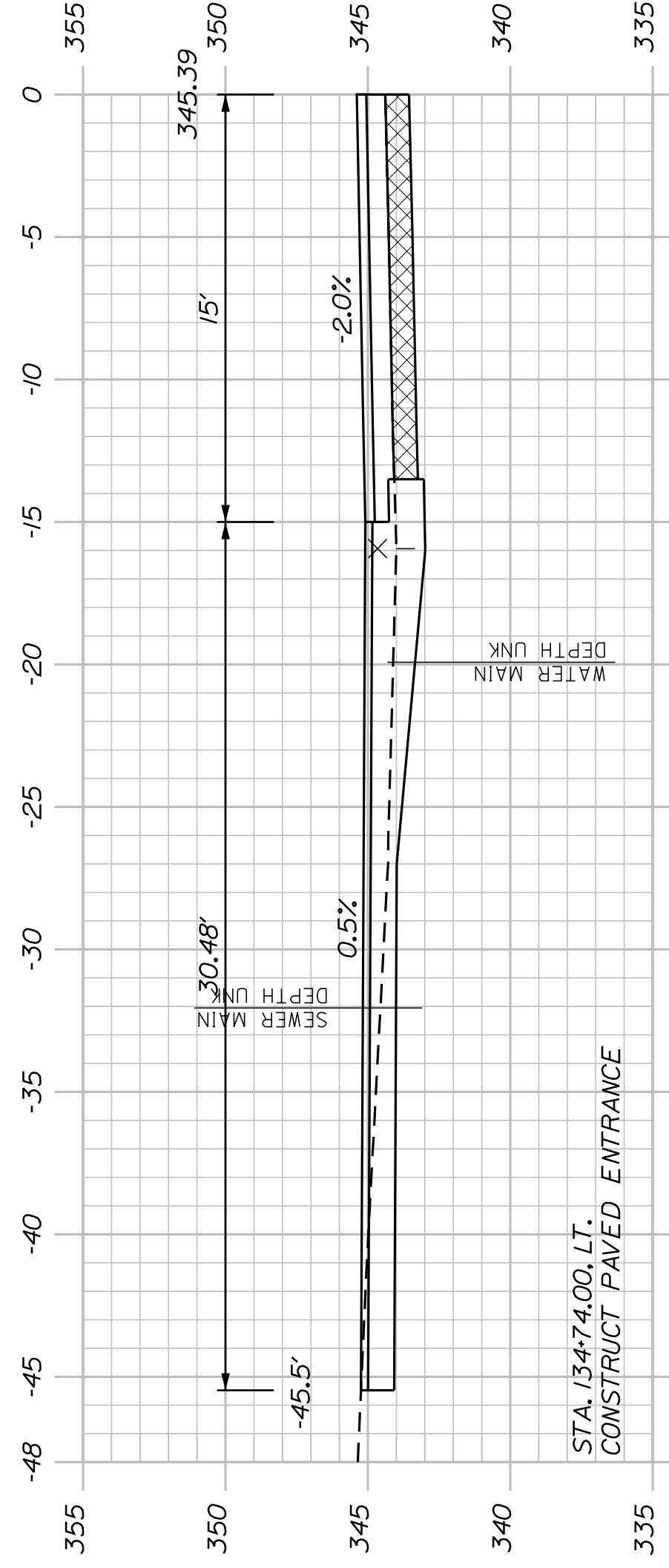
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZWARRCE	05/12
CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/12
DESIGNS DETAILED			
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

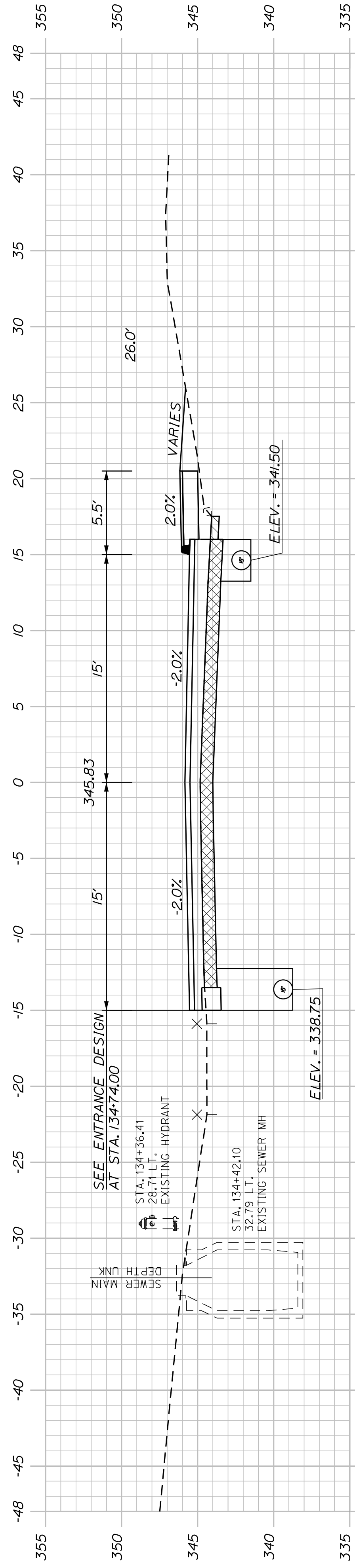
P.E. NUMBER

DATE

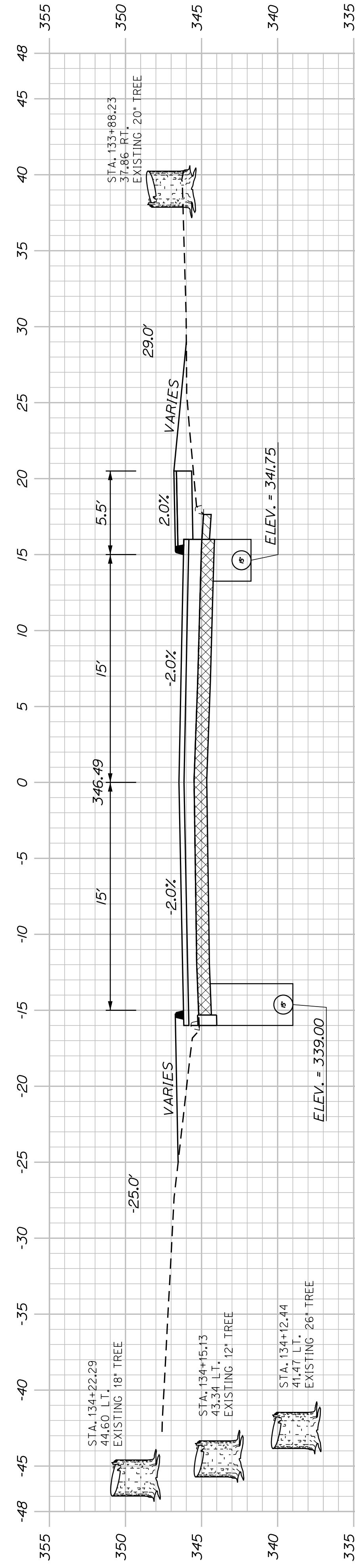
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



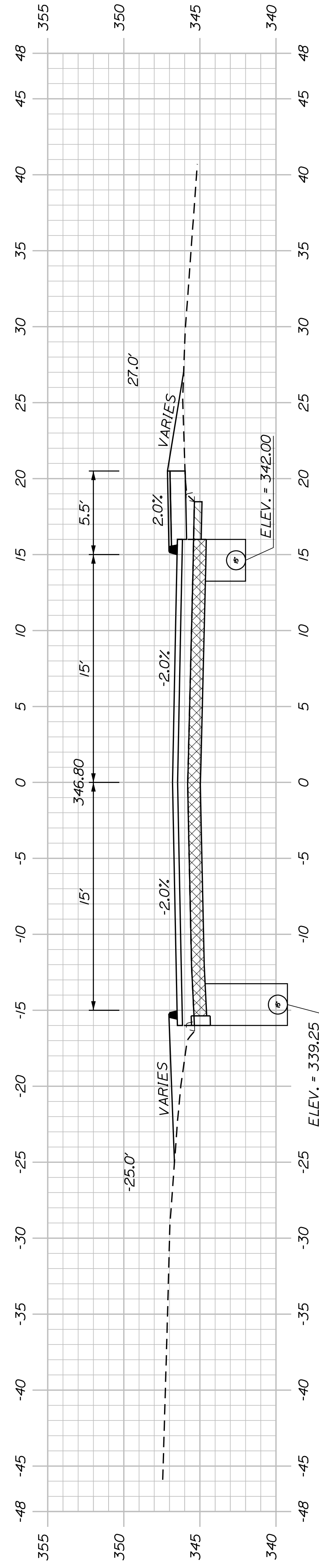
(COMMERCIAL PAVED ENTRANCE) 134+74.00



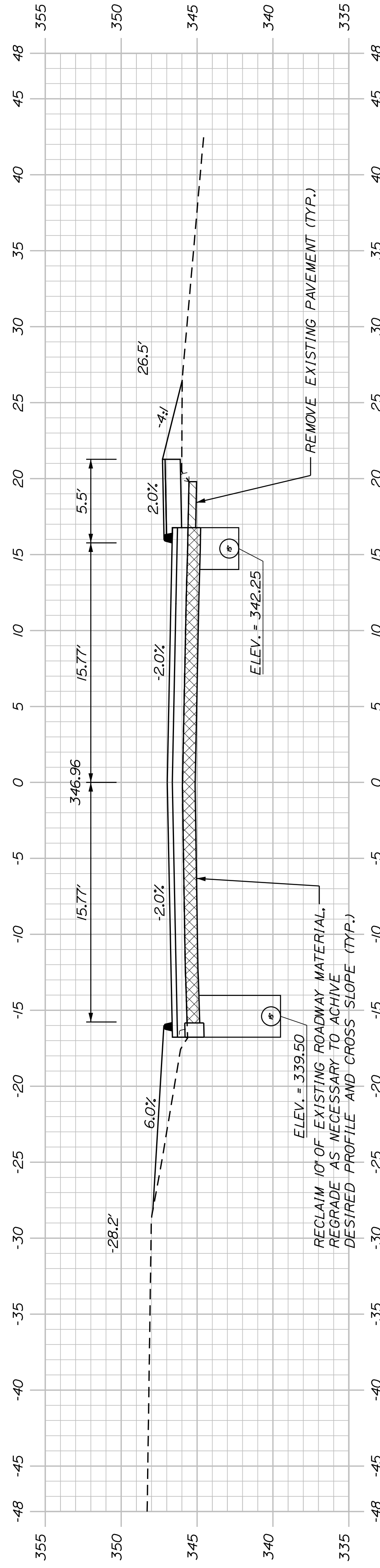
134+50.00



134+00.00



133+50.00



133+00.00

SHEET NUMBER

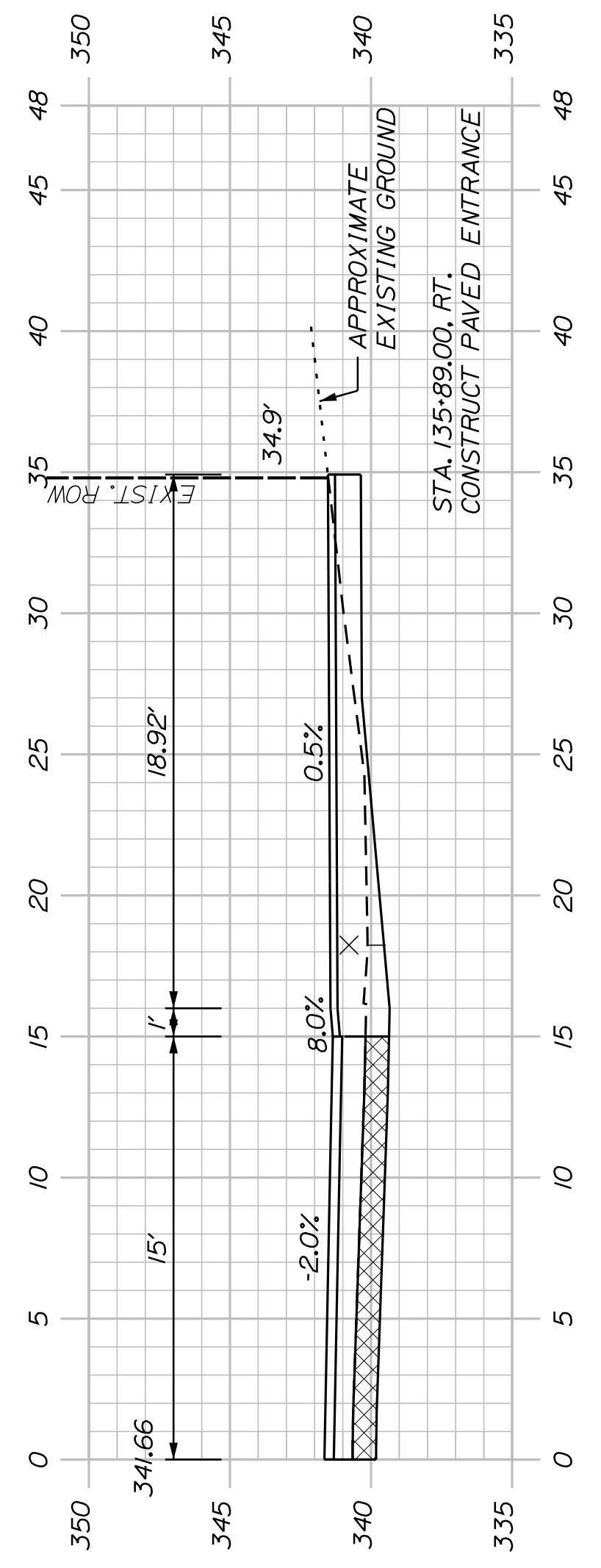
50

OF 83

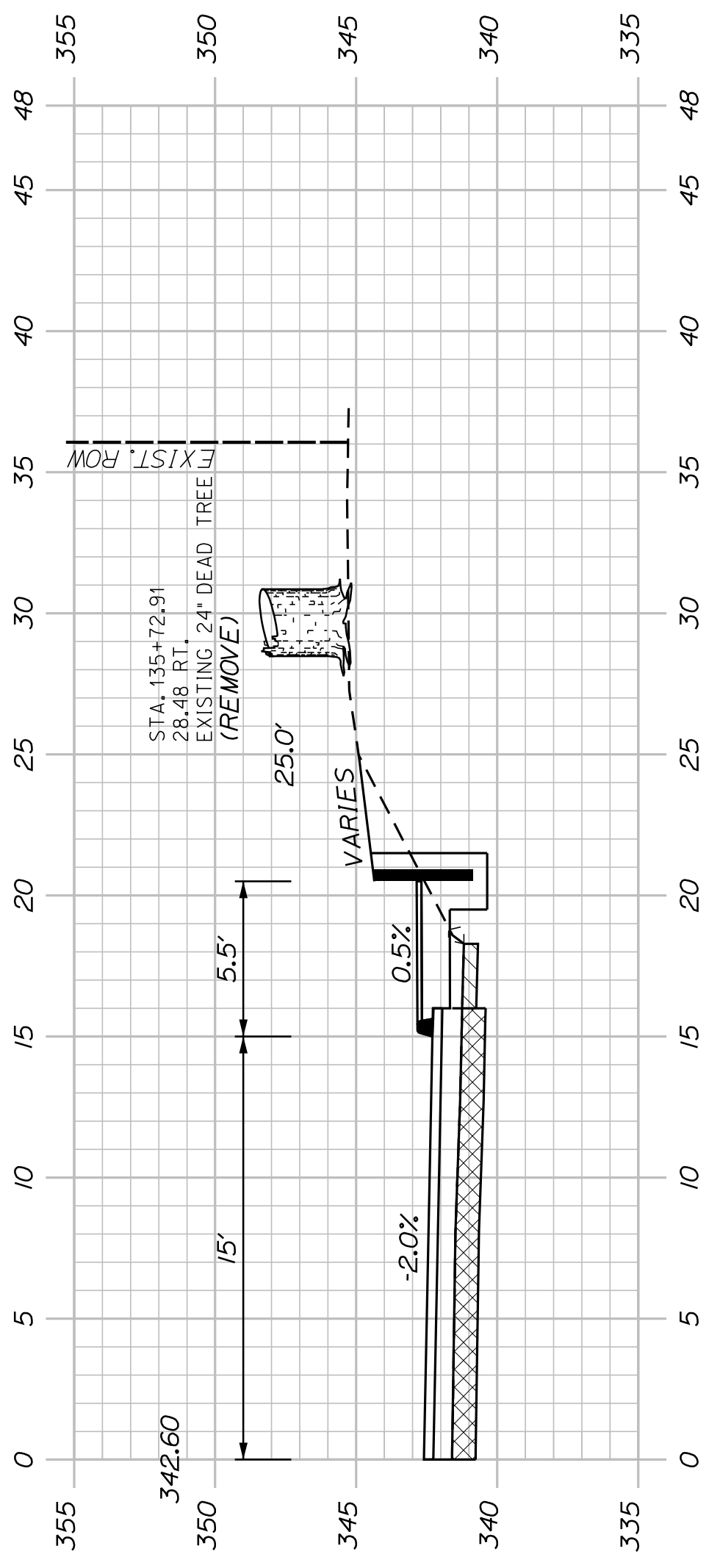
AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	J. FITZMAURICE	DATE	05/22
DESIGN DETAILED	J. WACHENBACH	CHECKED	T. WARREN	DATE	05/22
DESIGN DETAILED		DESIGN DETAILED	D. ETTINGER	SIGNATURE	
REVISIONS 1		REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					

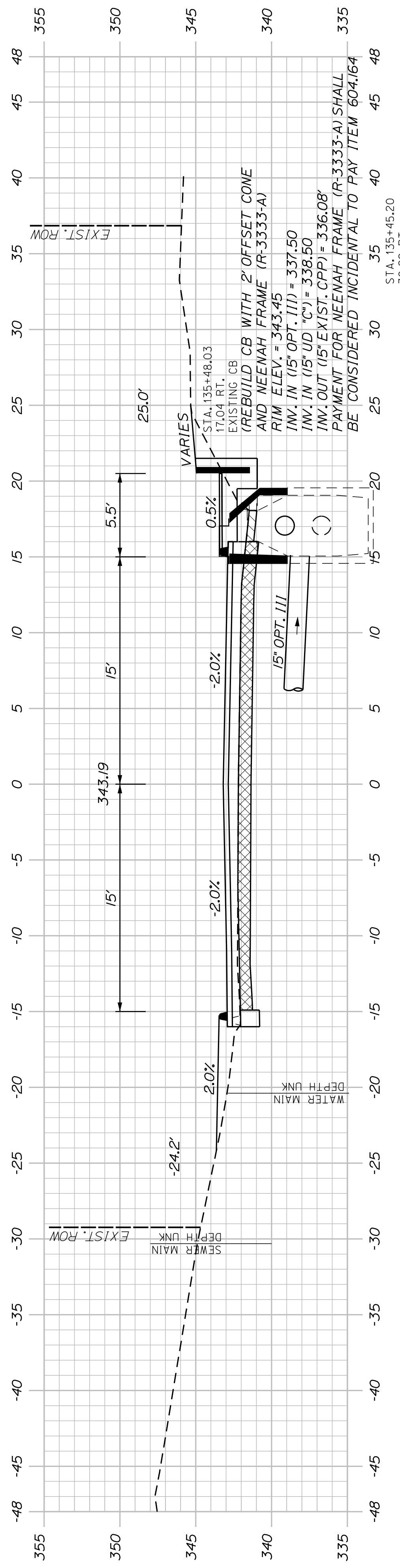
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



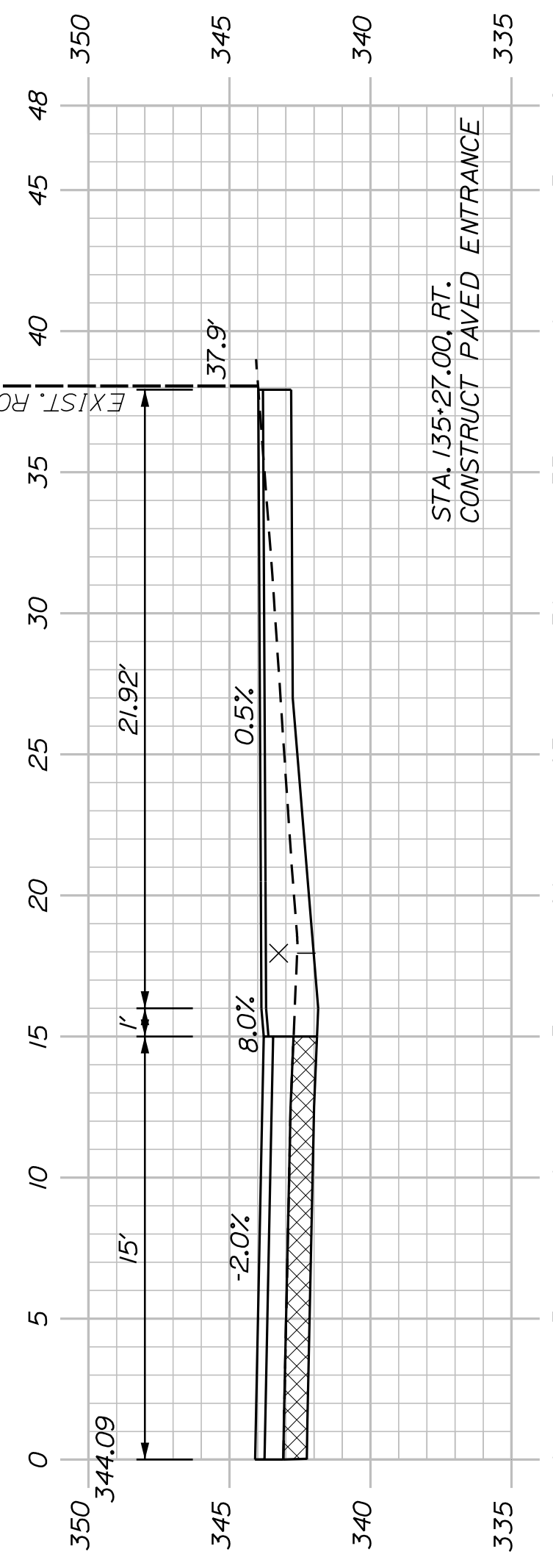
135+89.00 (RESIDENTIAL PAVED ENTRANCE)



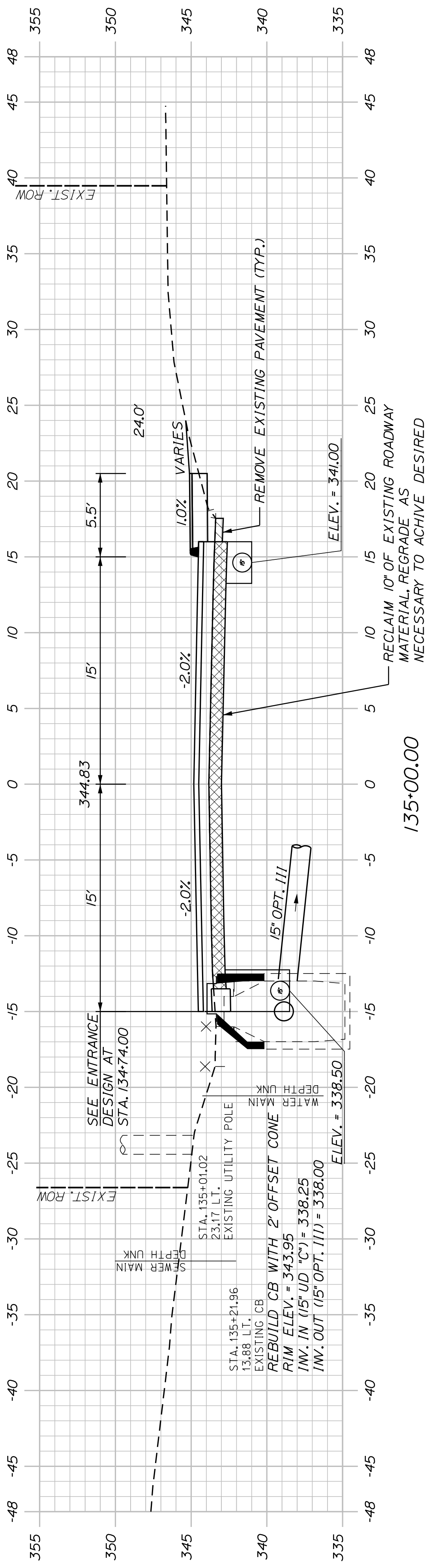
135+65.00



135+50.00

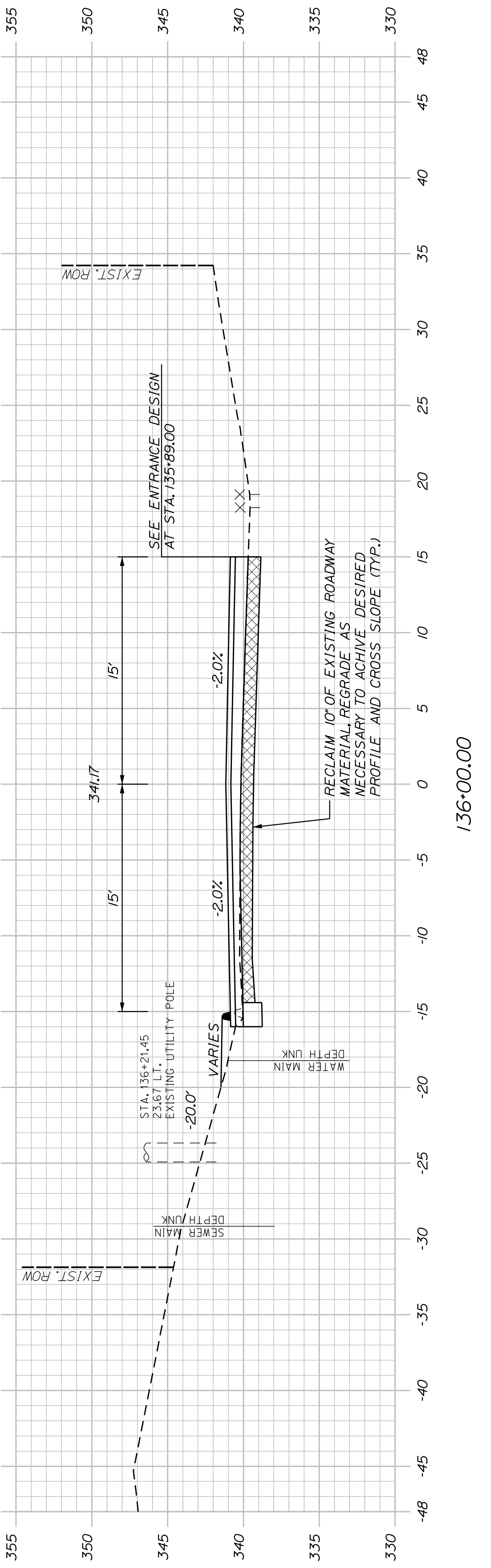
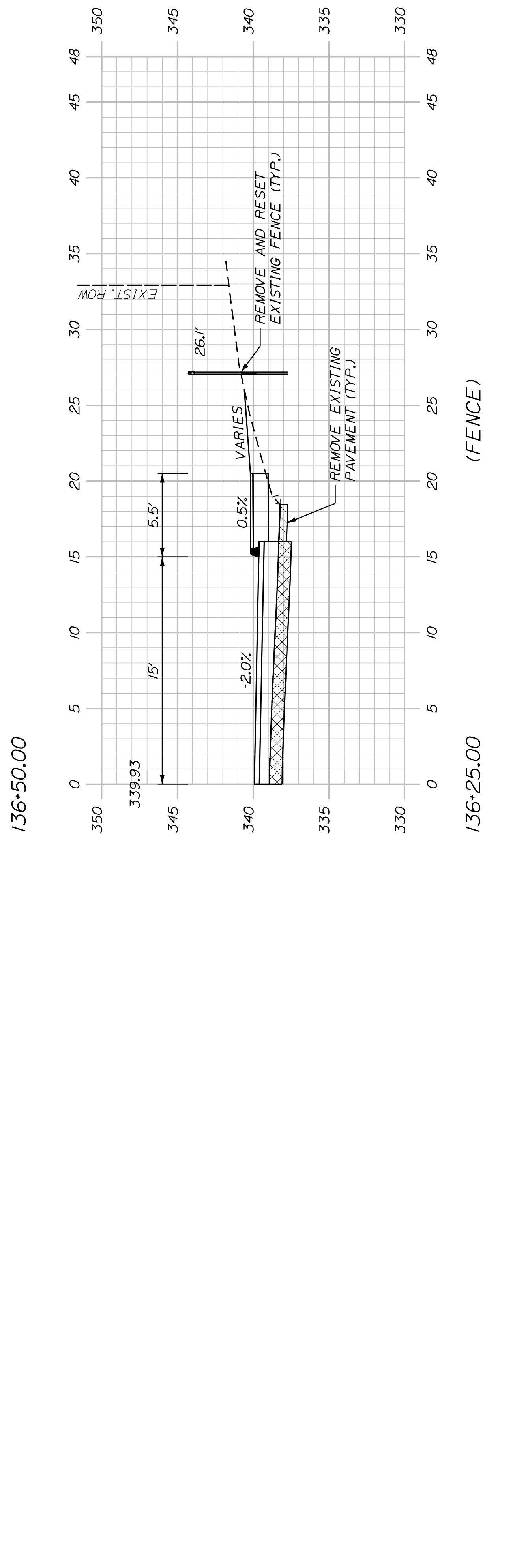
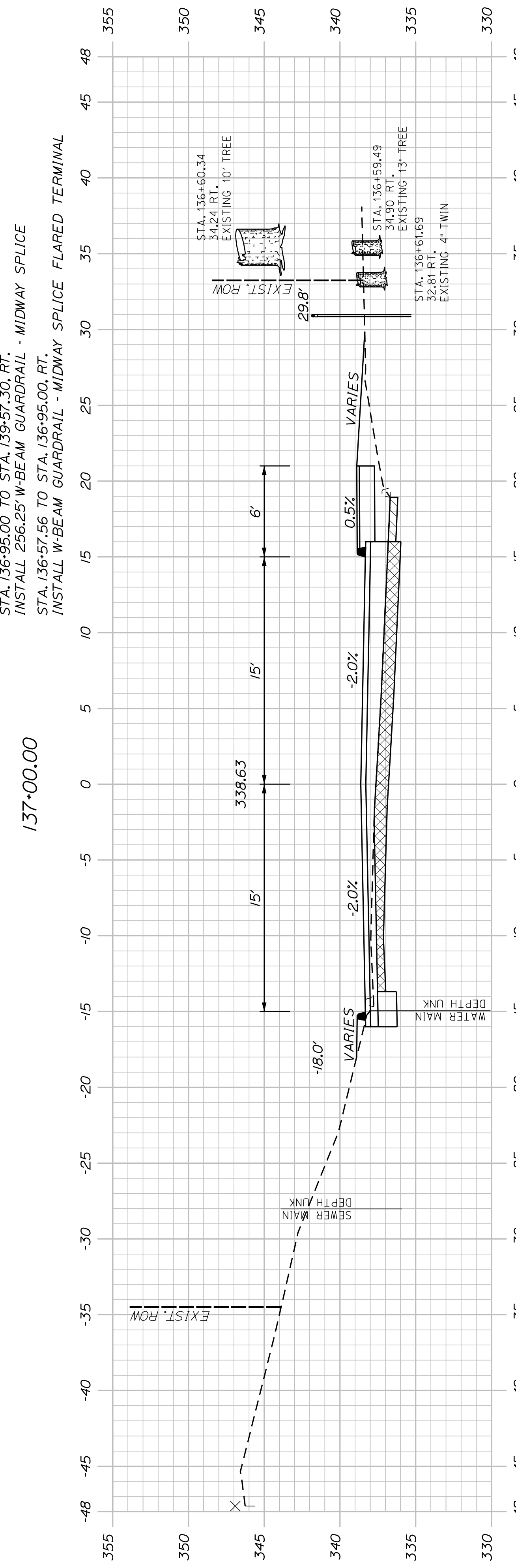
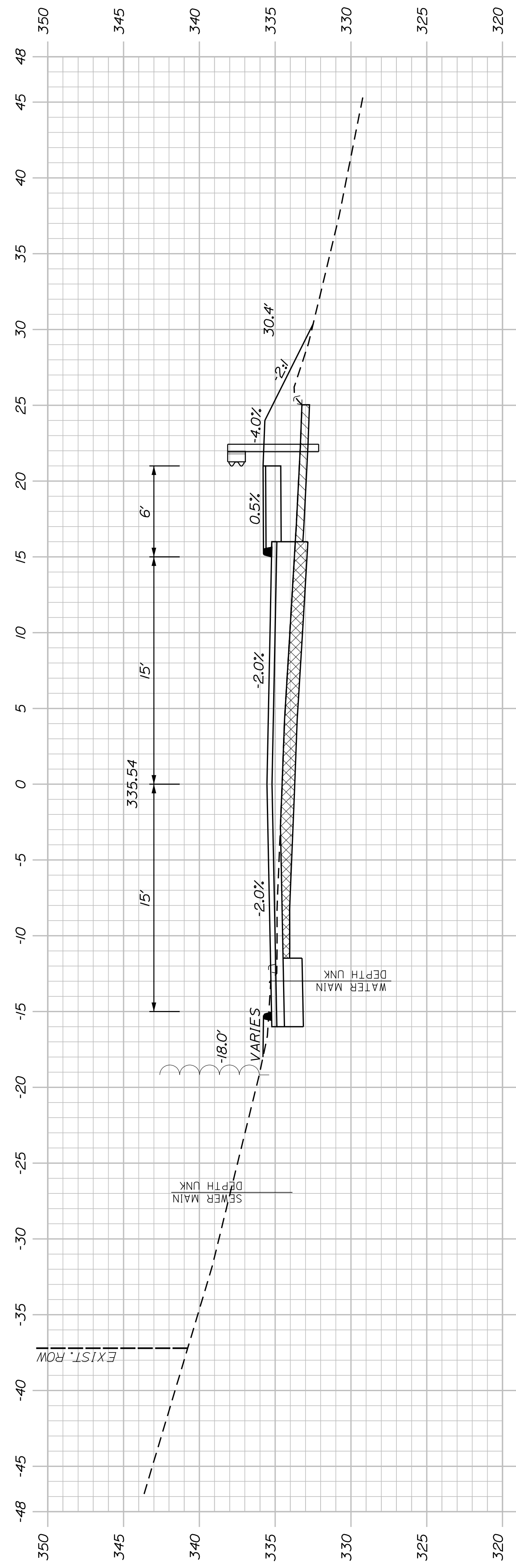


135+27.00 (RESIDENTIAL PAVED ENTRANCE)

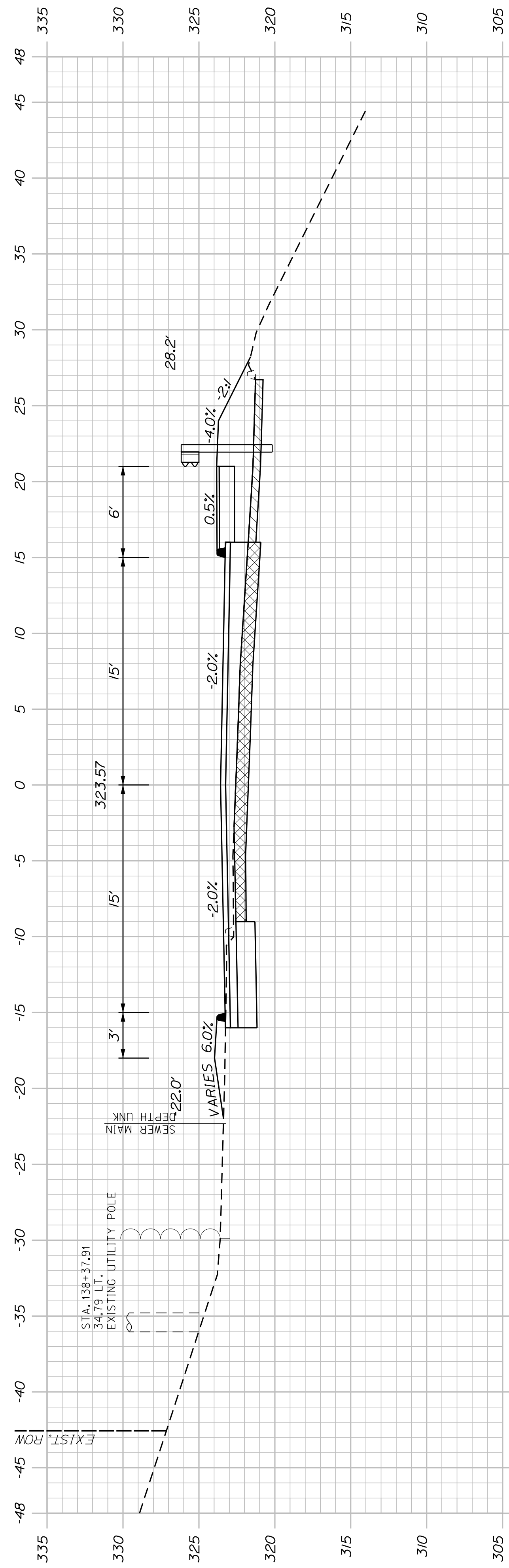


135+00.00

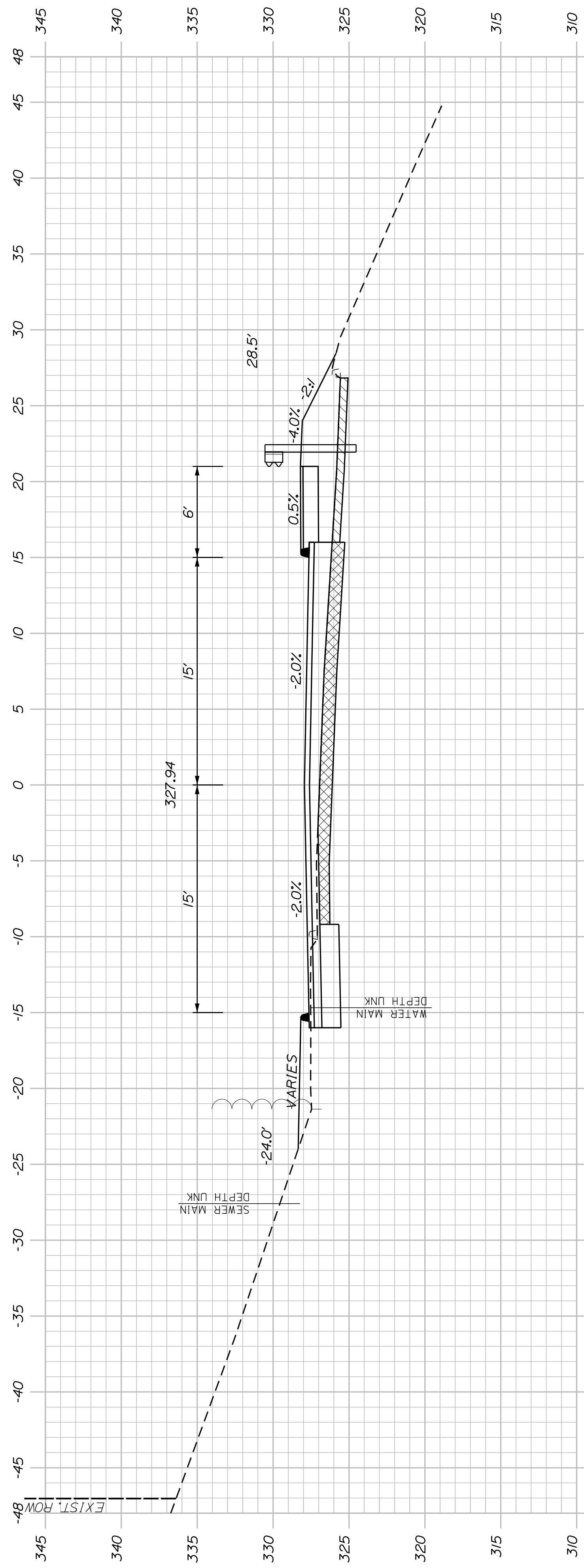
AUBURN AVENUE		CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04210																																														
MT. AUBURN AVENUE																																																
CROSS SECTIONS																																																
51	SHEET NUMBER																																															
OF 63																																																
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>PROJ. MANAGER</th> <th>A. BEAULIEU</th> <th>BY</th> <th>DATE</th> </tr> <tr> <td>DESIGN DETAILED</td> <td>T. WARREN</td> <td>J. FITZMAURICE</td> <td>05/22</td> </tr> <tr> <td>CHECKED/REVIEWED</td> <td>J. WACHENBACH</td> <td>D. EITINGER</td> <td>05/22</td> </tr> <tr> <td>DESIGNS DETAILED 0</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DESIGNS DETAILED 1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 4</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">FIELD CHANGES</td> </tr> </table>	PROJ. MANAGER	A. BEAULIEU	BY	DATE	DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22	CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/22	DESIGNS DETAILED 0				DESIGNS DETAILED 1				REVISIONS 1				REVISIONS 2				REVISIONS 3				REVISIONS 4				FIELD CHANGES				<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th>SIGNATURE</th> <th>P.E. NUMBER</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	SIGNATURE	P.E. NUMBER	DATE			
PROJ. MANAGER	A. BEAULIEU	BY	DATE																																													
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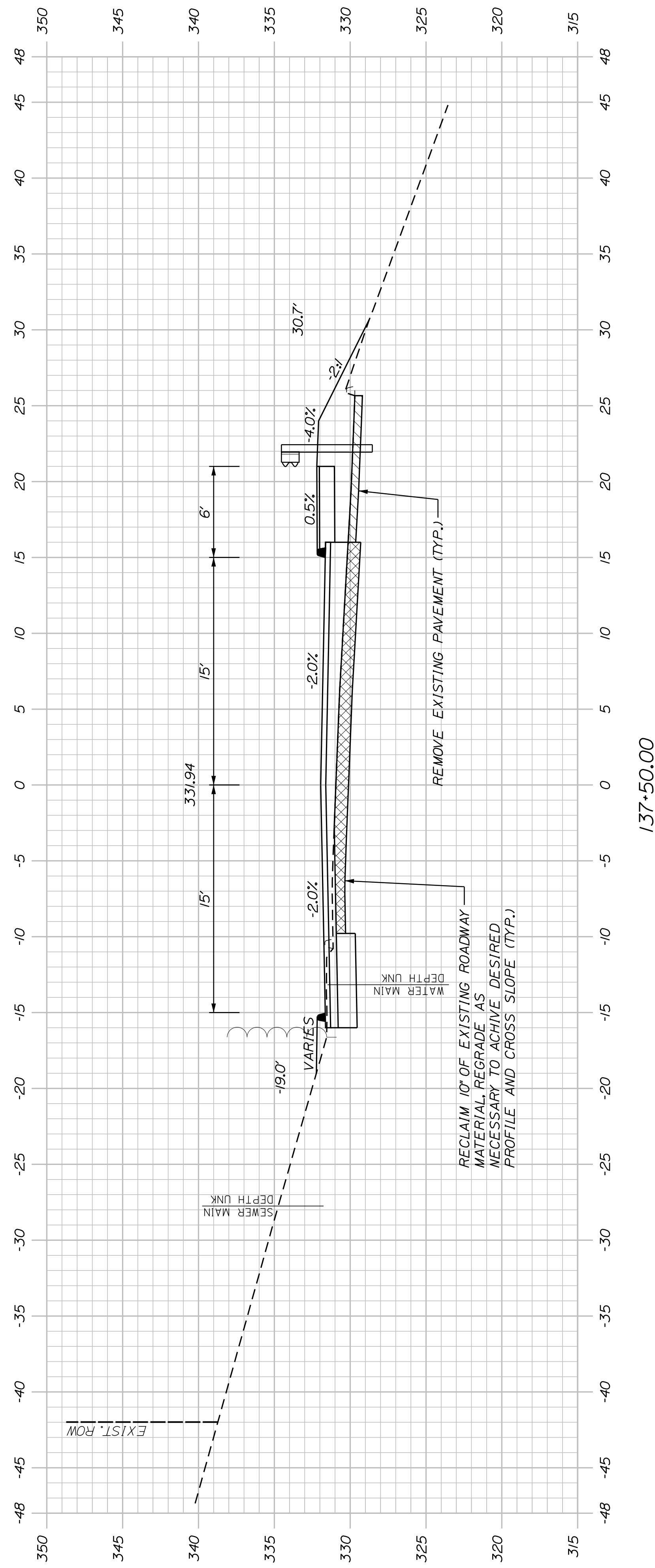
<p>AUBURN AVENUE MT. AUBURN AVENUE CROSS SECTIONS</p>		<p>CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04210</p>																																								
<p>SHEET NUMBER</p> <p style="font-size: 2em; font-weight: bold;">52</p> <p>OF 63</p>	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJ. MANAGER</th> <th>A. BEAULIEU</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DESIGN-DETAILED</td> <td>T. WARREN</td> <td>J. FITZMAURICE</td> <td>05/22</td> </tr> <tr> <td>CHECKED-REVIEWED</td> <td>J. WACHENBACH</td> <td>D. ETTINGER</td> <td>05/22</td> </tr> <tr> <td>DESIGN-DETAILED</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DESIGN-DETAILED</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 4</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">FIELD CHANGES</td> </tr> </tbody> </table>		PROJ. MANAGER	A. BEAULIEU	BY	DATE	DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22	CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22	DESIGN-DETAILED				DESIGN-DETAILED				REVISIONS 1				REVISIONS 2				REVISIONS 3				REVISIONS 4				FIELD CHANGES			
PROJ. MANAGER	A. BEAULIEU	BY	DATE																																							
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REVISIONS 3																																										
REVISIONS 4																																										
FIELD CHANGES																																										



138+50.00



138+00.00



137+50.00

SHEET NUMBER

53

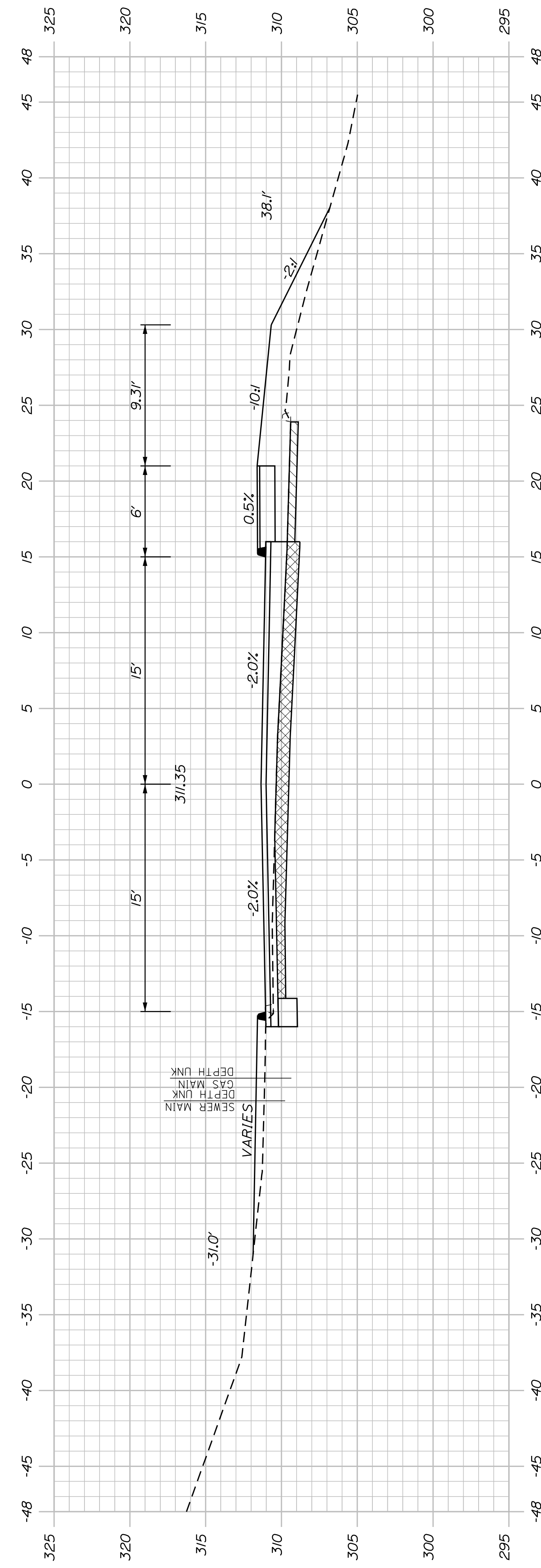
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/12/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/12/22
DESIGNS-DETAILED			
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

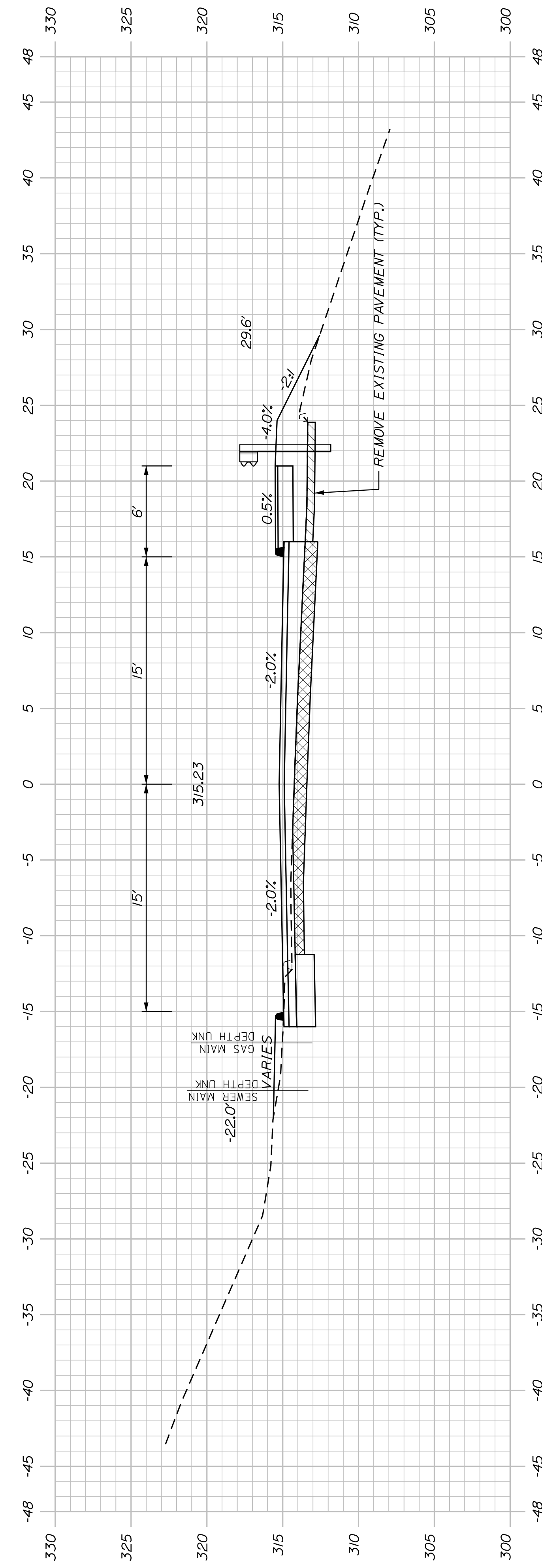
SIGNATURE	P.E. NUMBER	DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

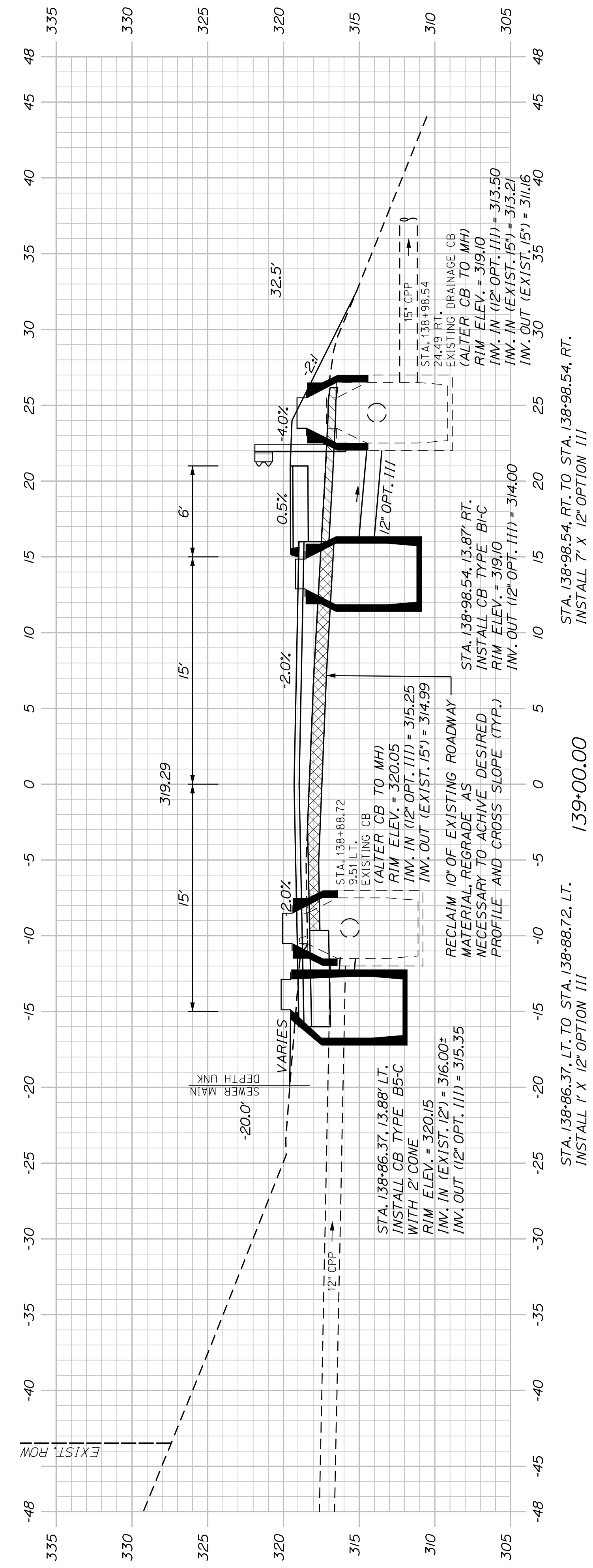


STA. 139+57.30 TO STA. 139+95.19, RT.
 INSTALL W-BEAM GUARDRAIL - MIDWAY SPLICE FLARED TERMINAL

140*00.00



139*50.00



STA. 138+86.37, LT. TO STA. 138+88.72, LT.
 INSTALL 1' X 12" OPTION III

139*00.00

STA. 138+98.54, RT. TO STA. 138+98.54, RT.
 INSTALL 7' X 12" OPTION III

SHEET NUMBER

54

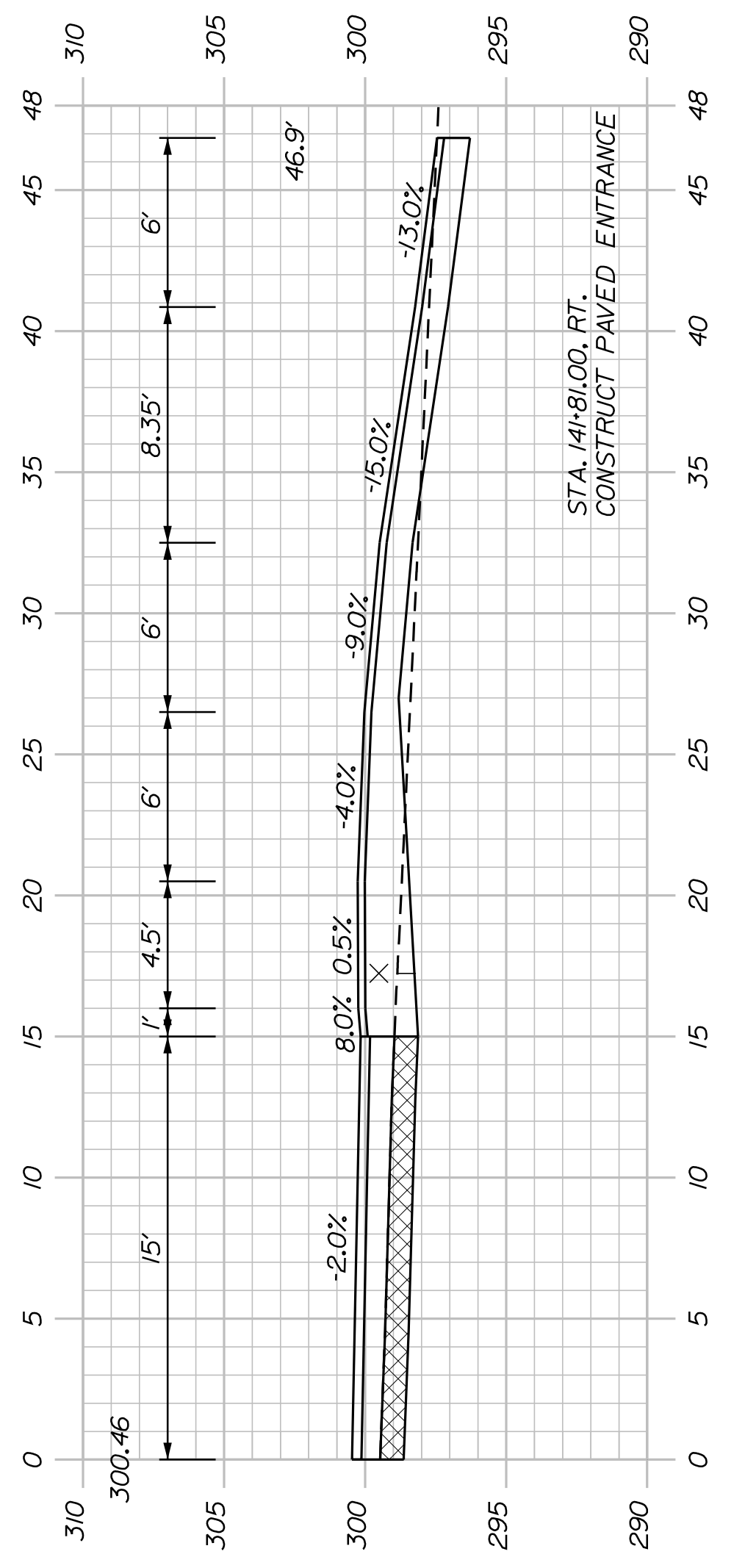
OF 63

AUBURN AVENUE
 MT. AUBURN AVENUE
 CROSS SECTIONS

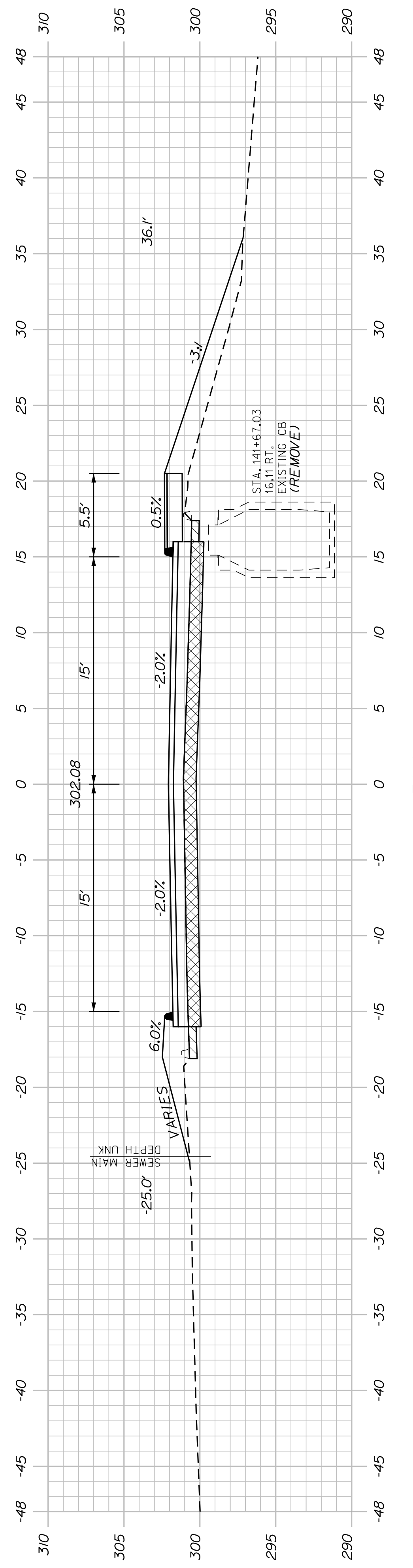
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

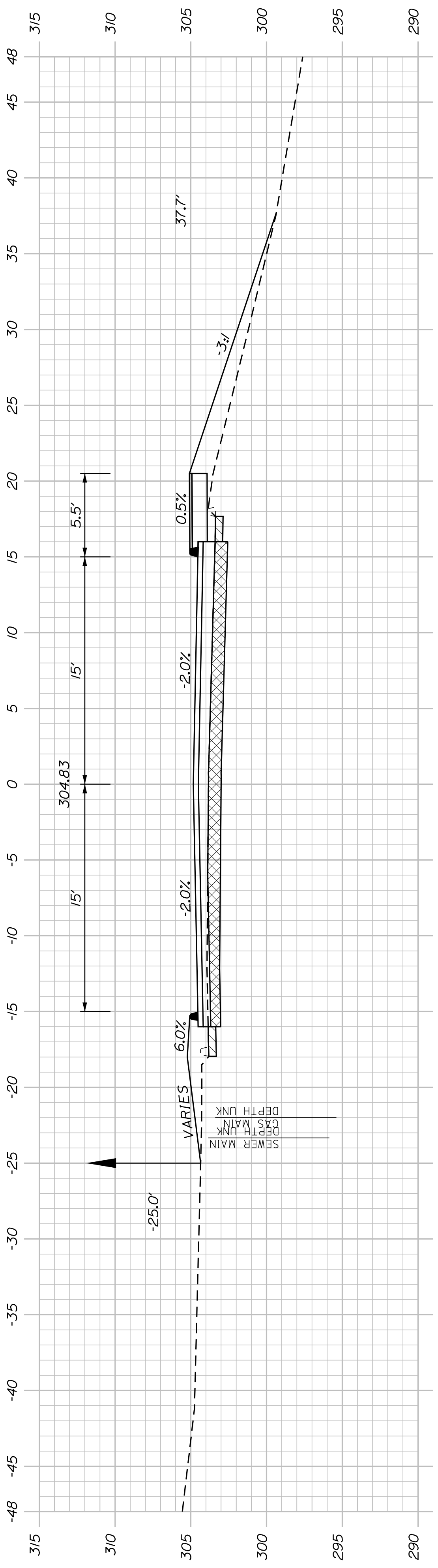
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210



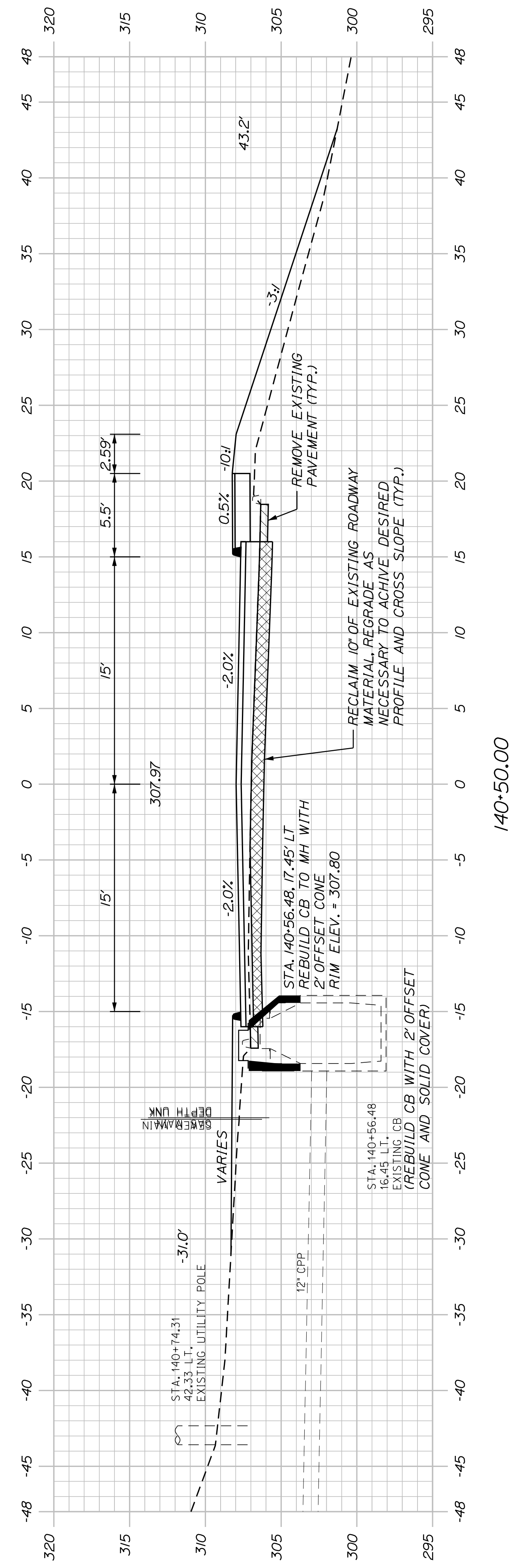
141+81.00 (COMMERCIAL PAVED ENTRANCE)



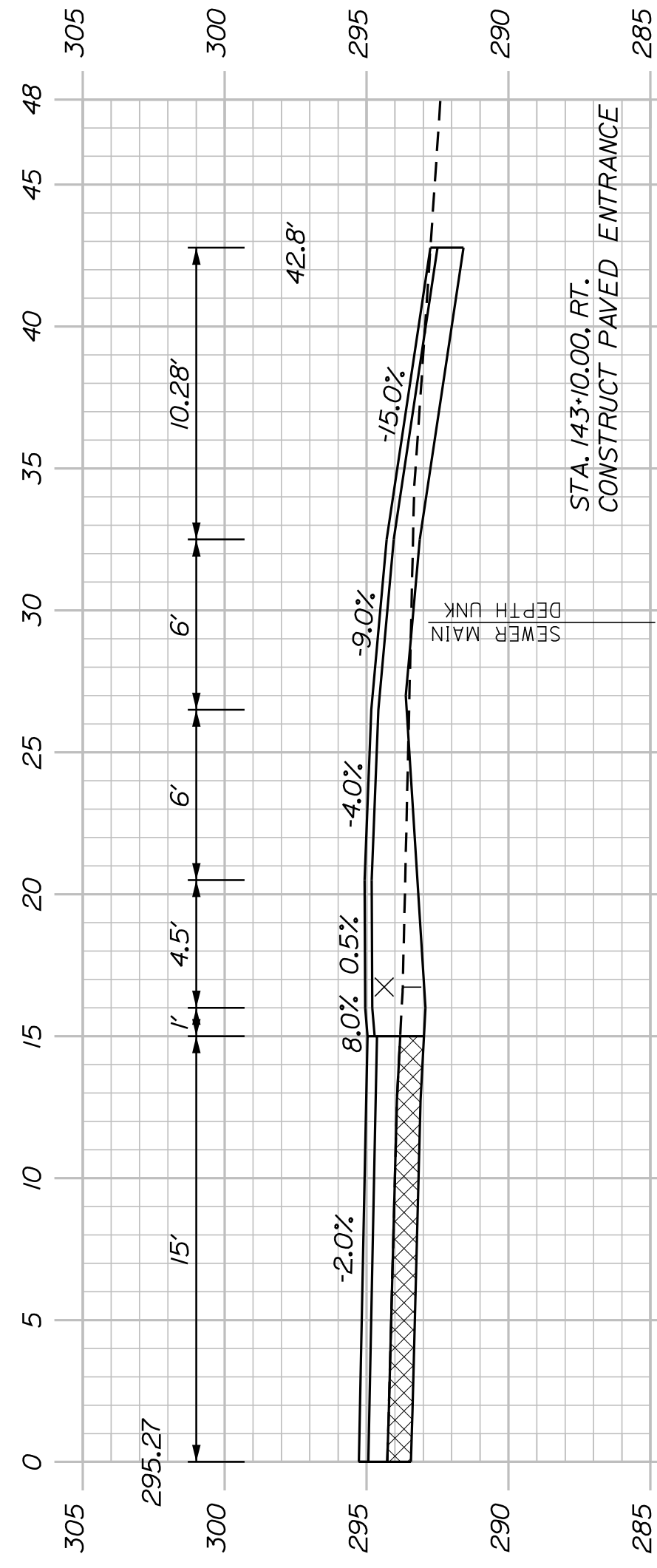
141+50.00



141+00.00

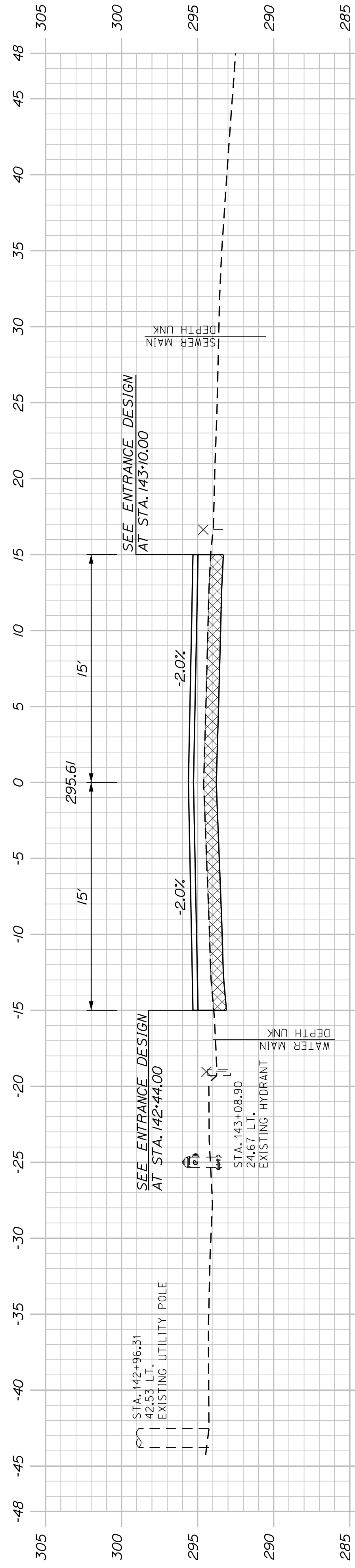


140+50.00



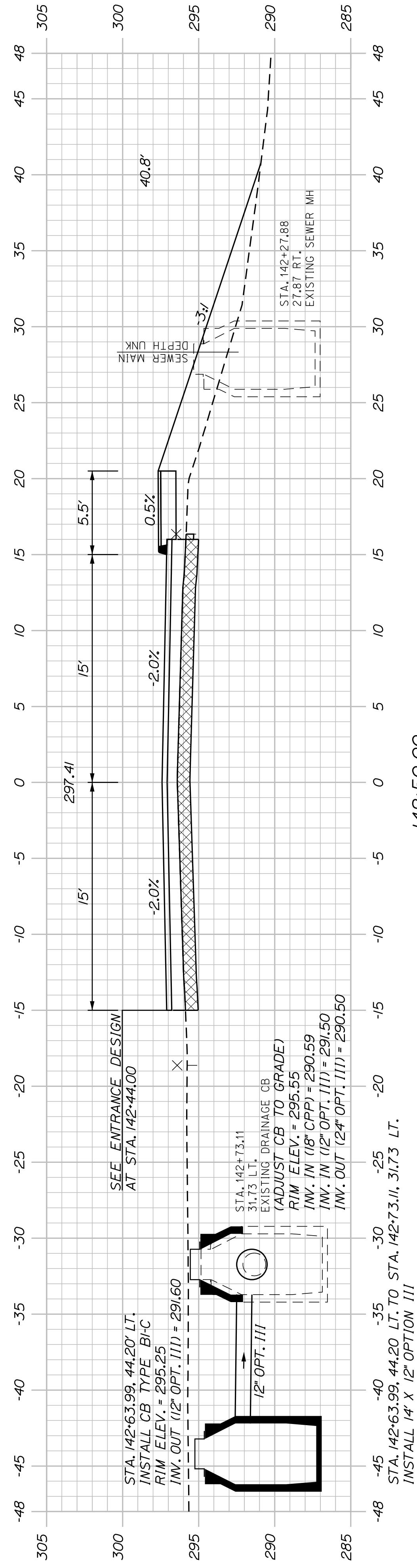
(COMMERCIAL PAVED ENTRANCE)

143+10.00



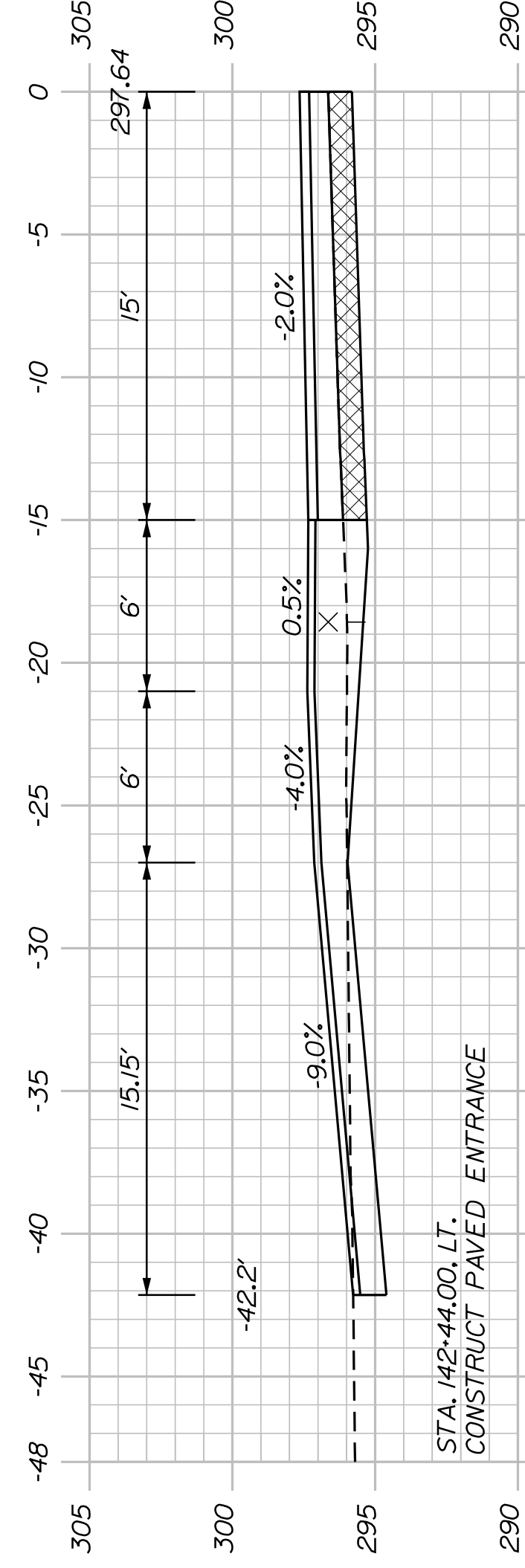
STA. 142+73.1, 31.7' LT. TO STA. 143+34.7, 30.0' LT.
INSTALL 61.6' X 24" OPTION III
RIM ELEV. = 290.50
INV. IN = 290.20

143+00.00



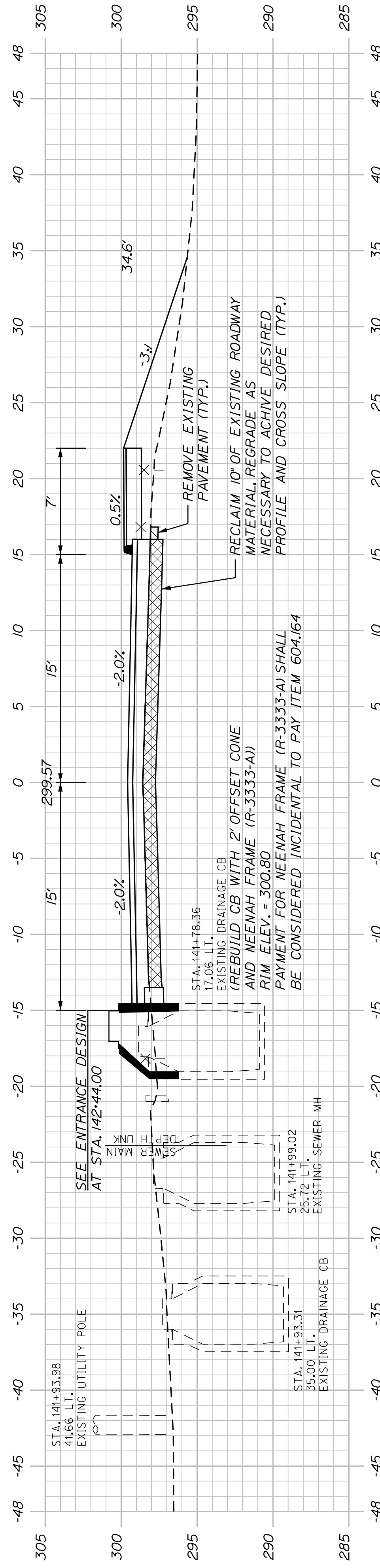
STA. 142+63.99, 44.20' LT. TO STA. 142+73.11, 31.73' LT.
INSTALL 14' X 12" OPTION III

142+50.00



(COMMERCIAL PAVED ENTRANCE)

142+44.00



142+00.00

SHEET NUMBER

56

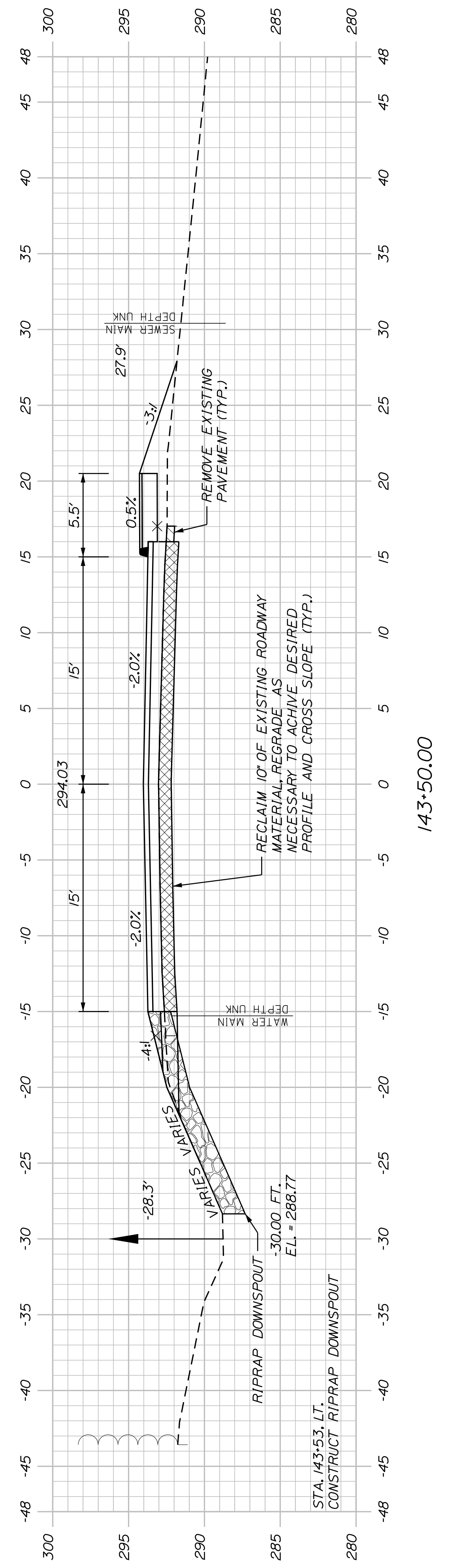
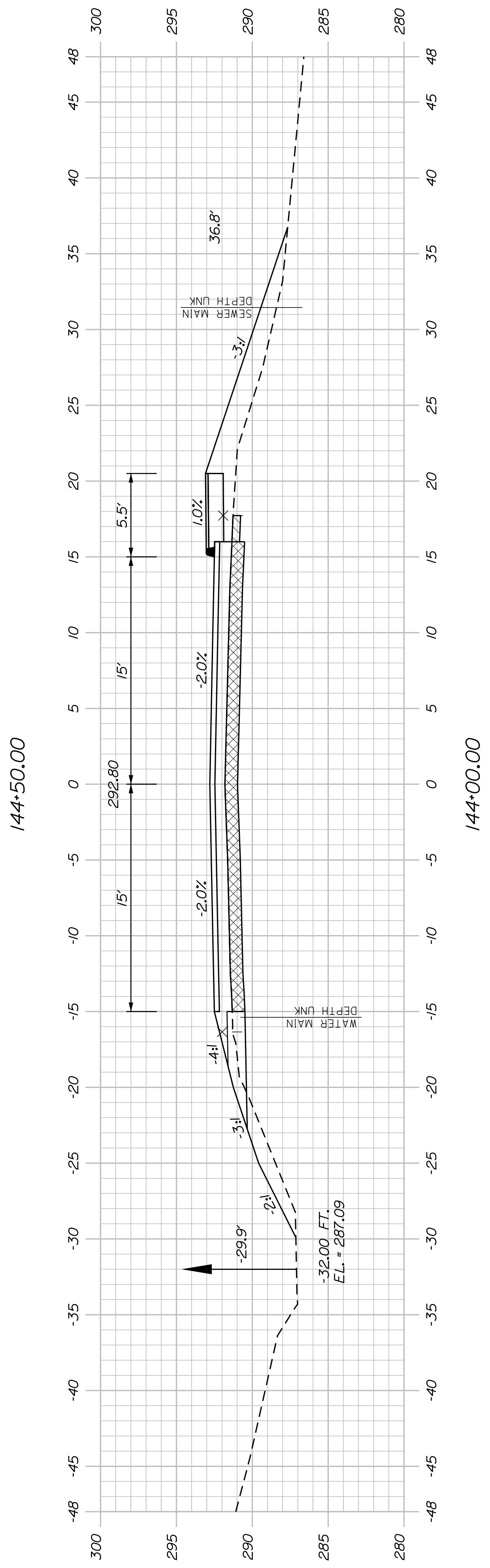
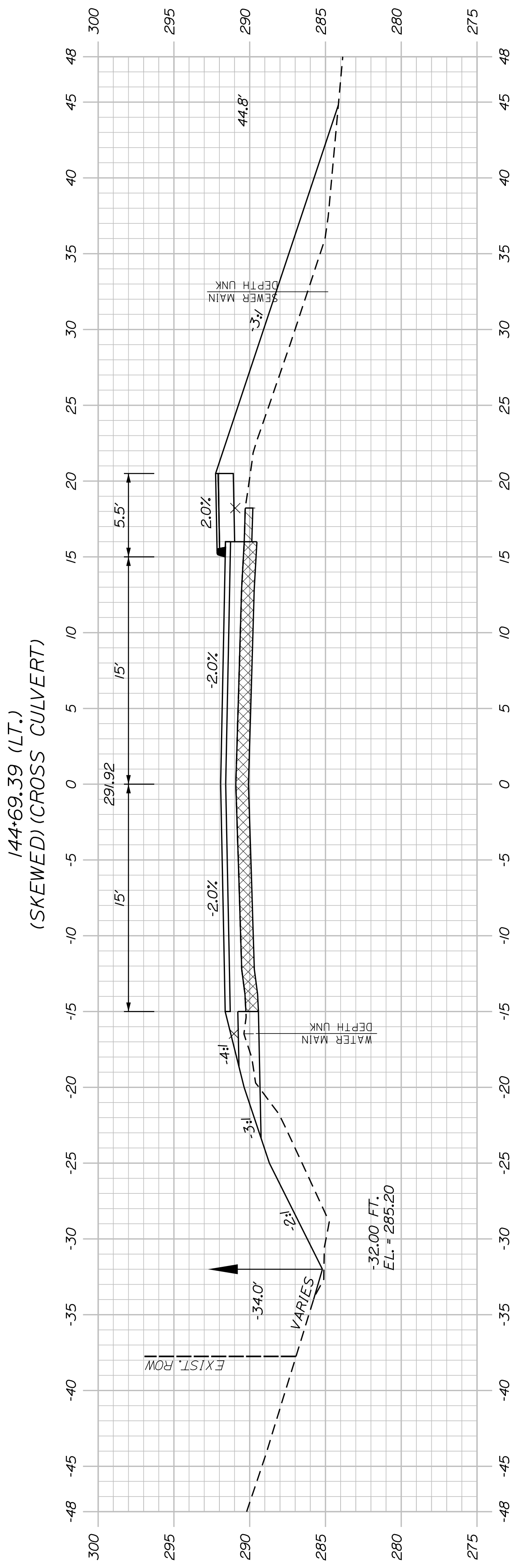
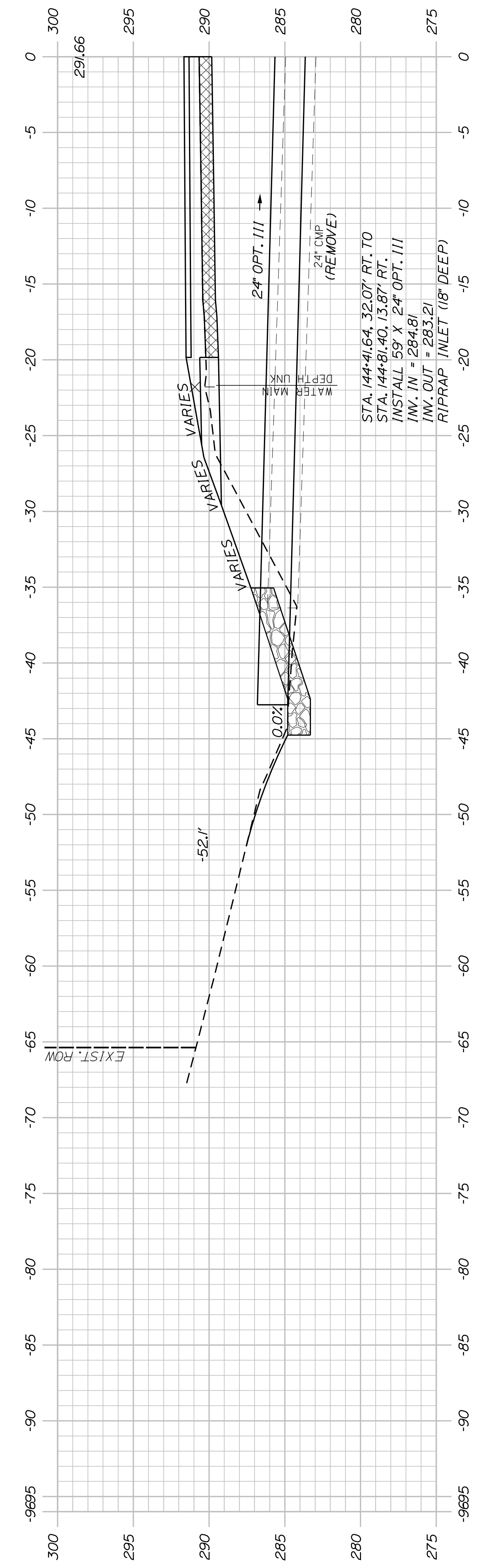
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZWALD	05/22
CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/22
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

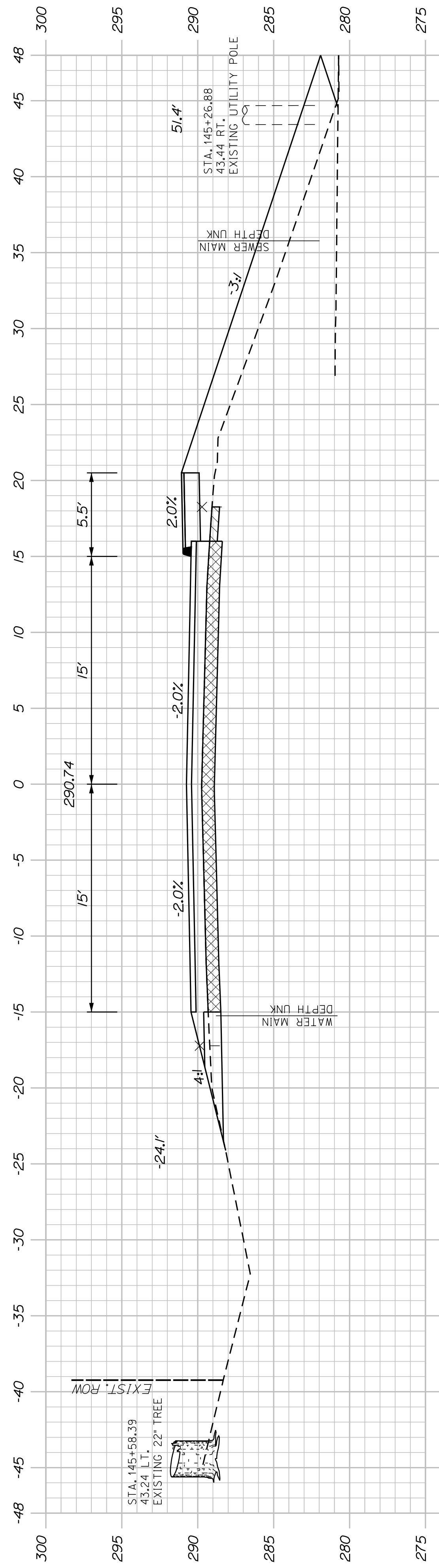
SIGNATURE	P.E. NUMBER	DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

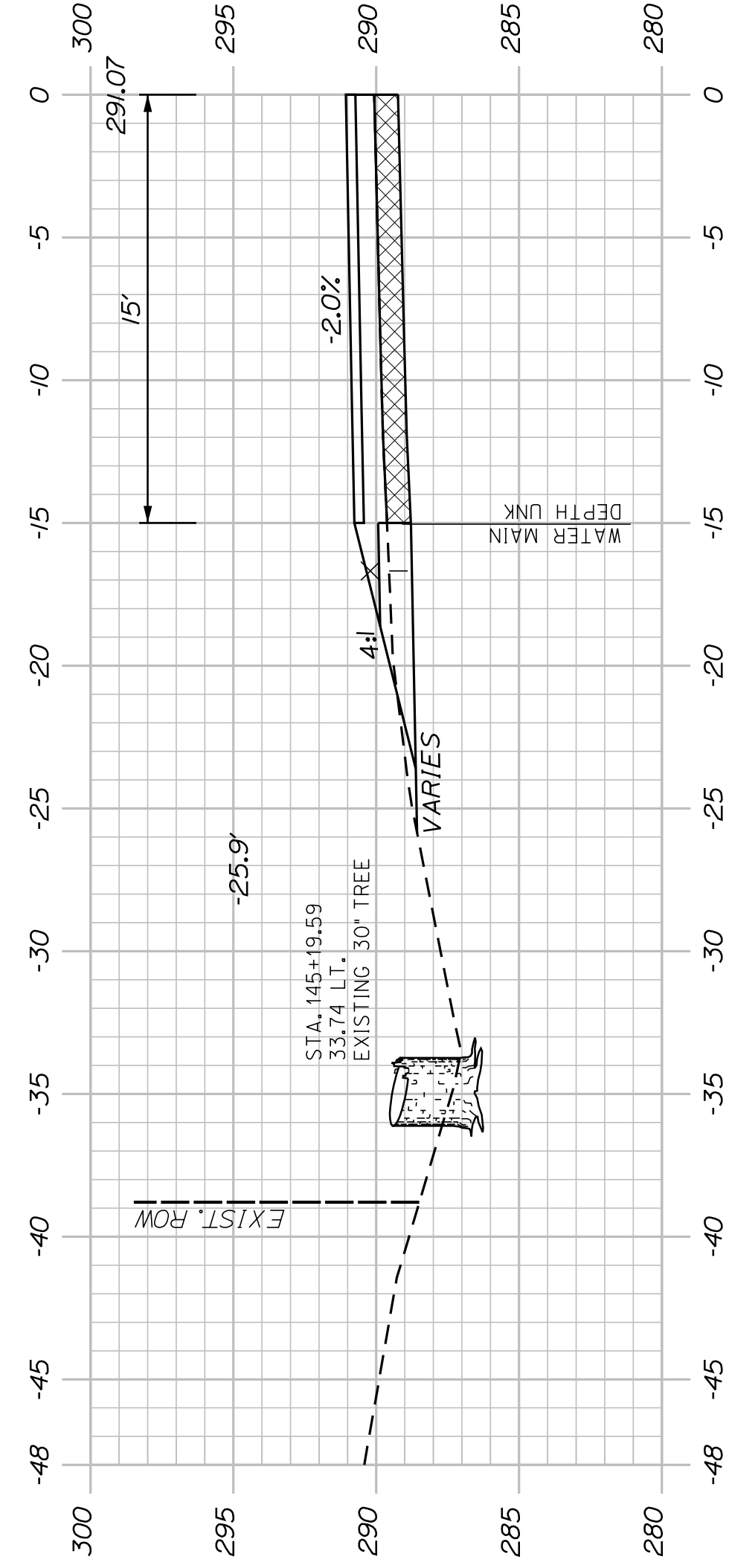


CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04210	
AUBURN AVENUE MT. AUBURN AVENUE	CROSS SECTIONS
SHEET NUMBER 57 OF 63	SIGNATURE P.E. NUMBER DATE
PROJ. MANAGER: A. BEAULIEU DESIGN-DETAILED: T. WARREN CHECKED-REVIEWED: J. FITZWALBEC DESIGNS-DETAILED: J. WINCHENBACH REVISIONS 1: _____ REVISIONS 2: _____ REVISIONS 3: _____ REVISIONS 4: _____ FIELD CHANGES: _____	DATE: 05/22 BY: D. ETTINGER DATE: 05/22 SIGNATURE: _____ P.E. NUMBER: _____ DATE: _____

U:\3845_Mt Auburn Ave Improvements_Auburn\Z - CAD\00\Highway\Xsect.dgn

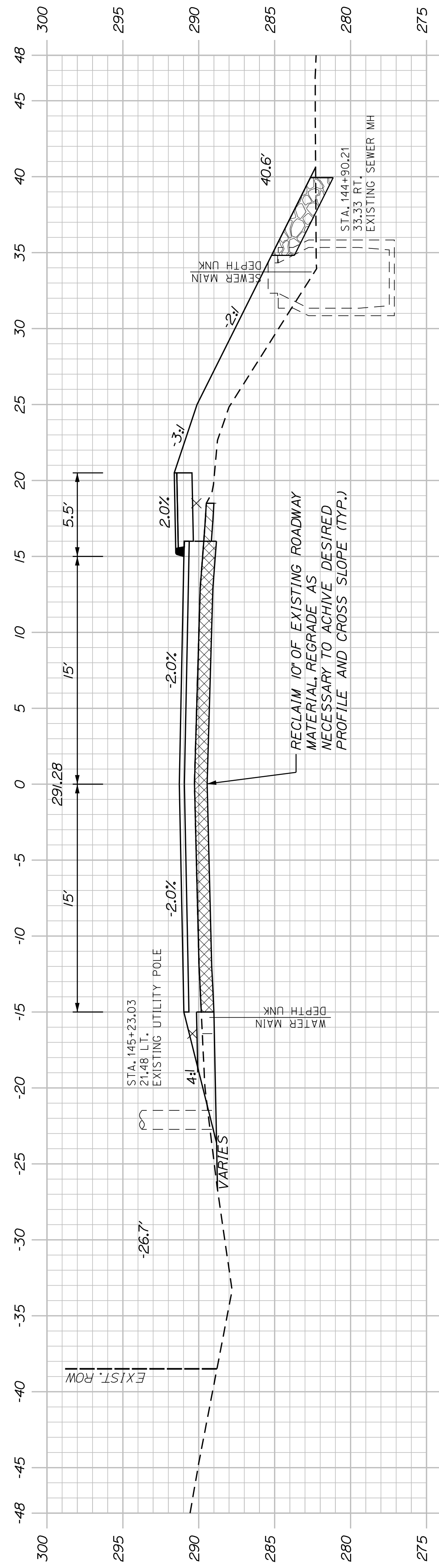


145+50.00

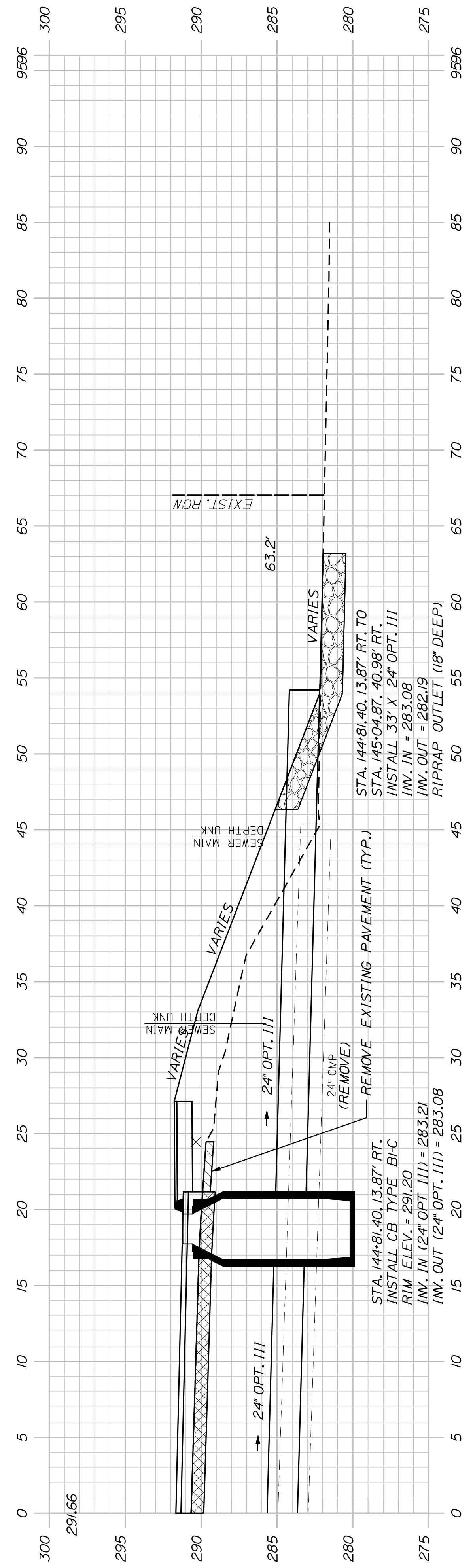


(30\"/>

145+20.00



145+00.00



144+69.39 (RT.)
(SKEWED) (CROSS CULVERT)

Sta. 144+69.39 to Sta. 145+50.00

SHEET NUMBER

58

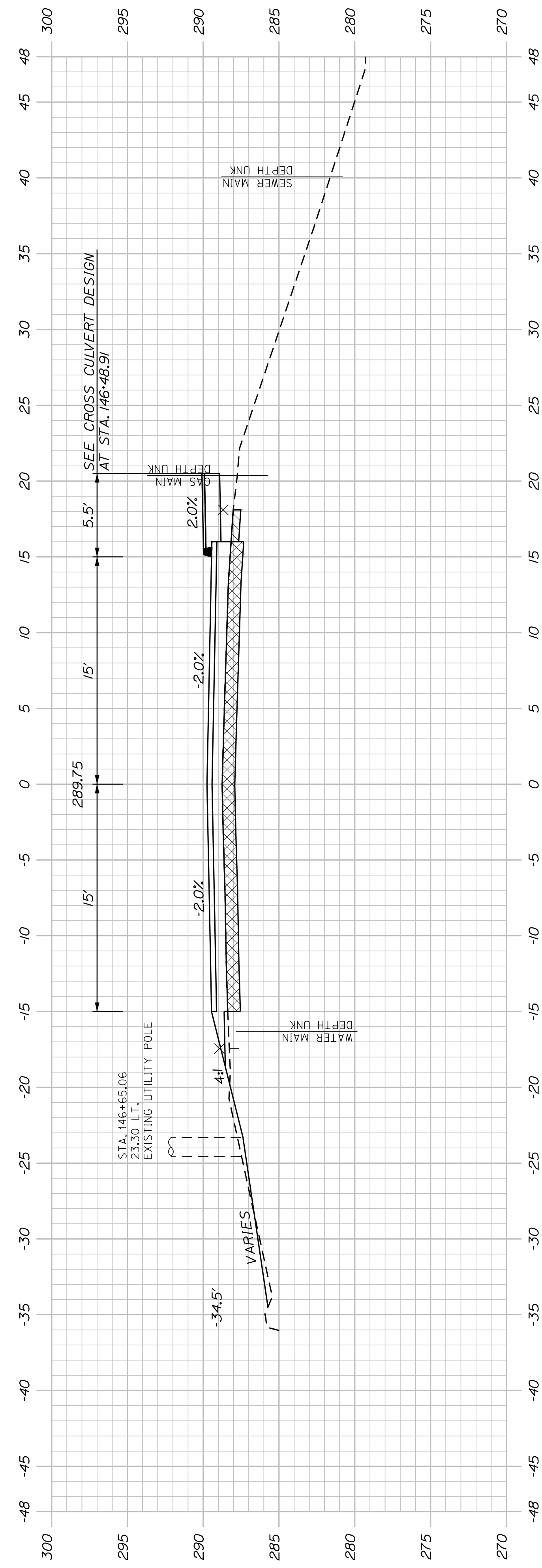
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

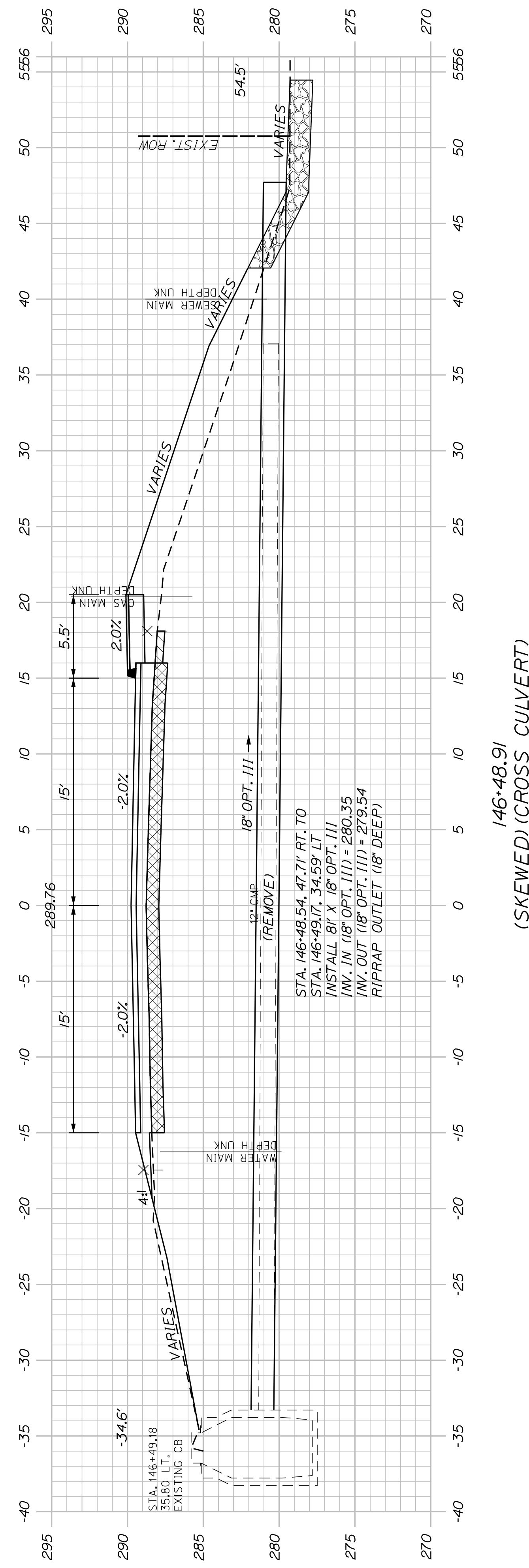
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/12/22
CHECKED/REVIEWED	J. WACHENBACH	D. EITINGER	05/12/22
DESIGNS DETAILED			
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

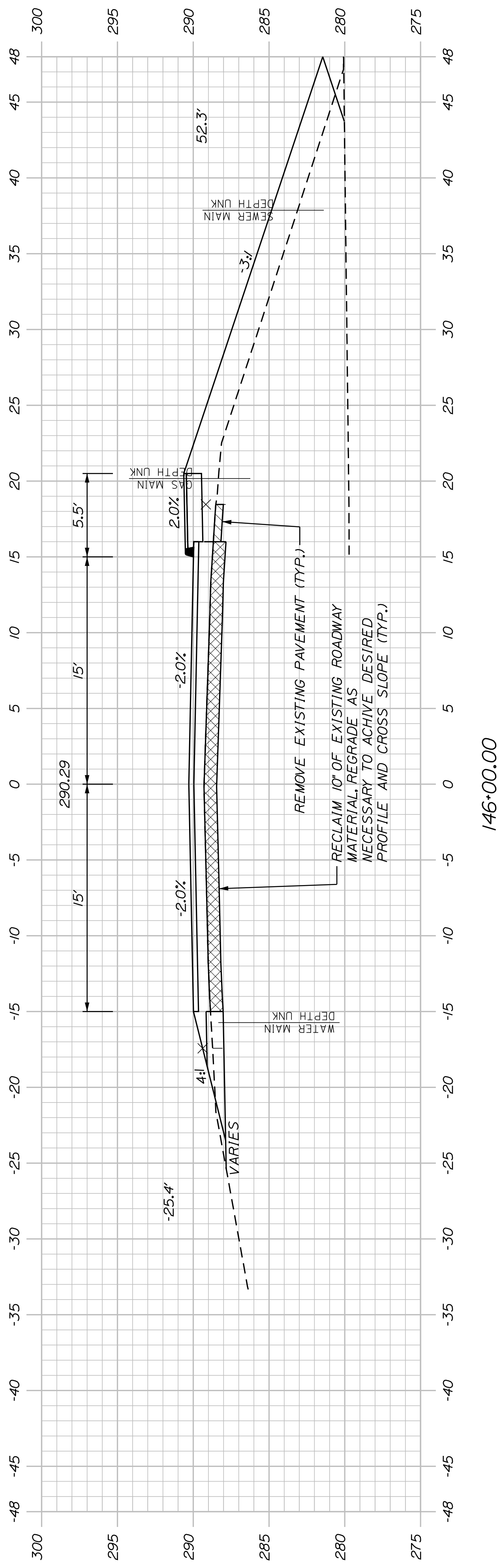
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



146+50.00

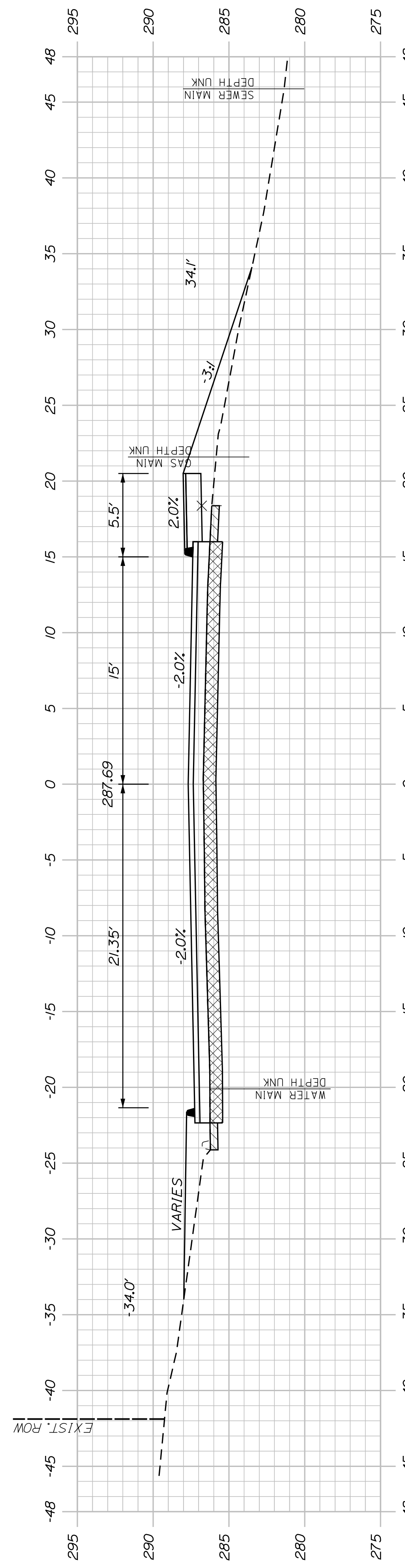


146+48.91 (SKEWED) (CROSS CULVERT)

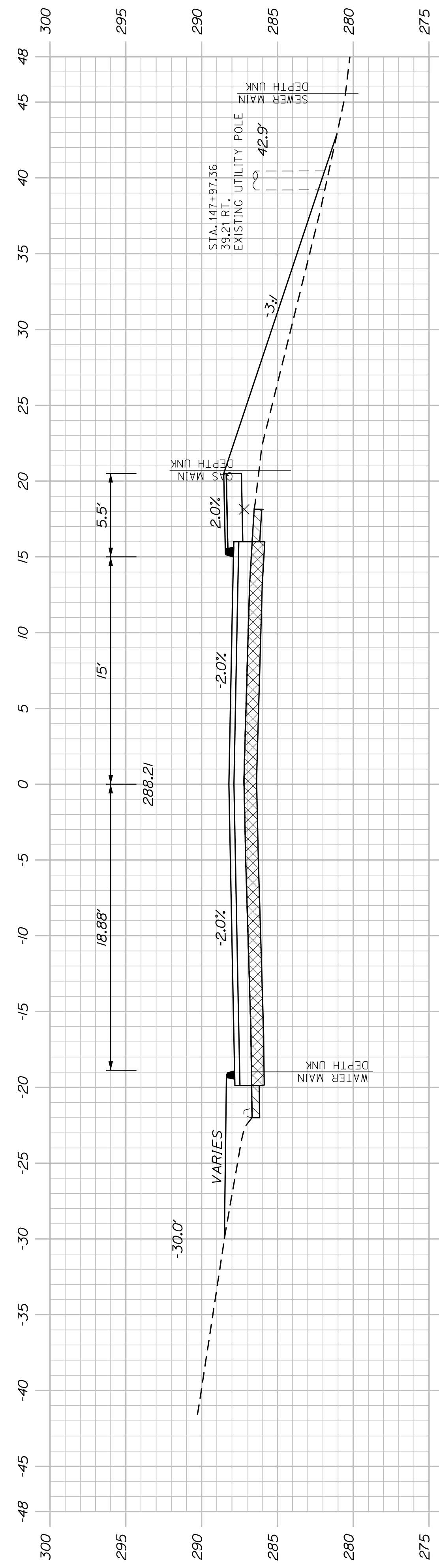


146+00.00

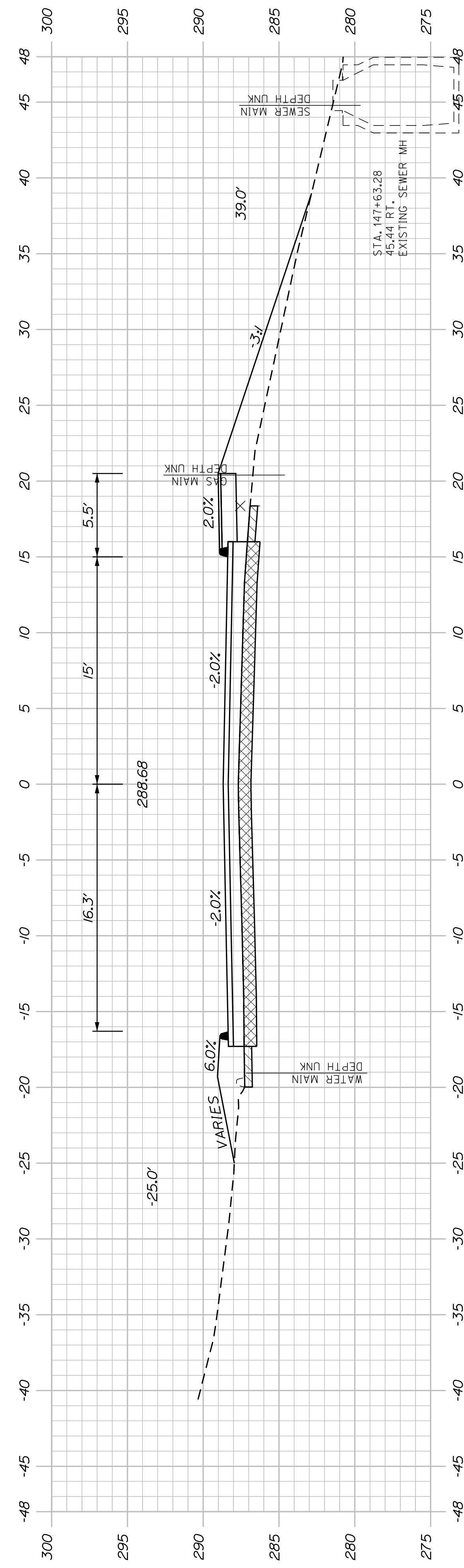
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-



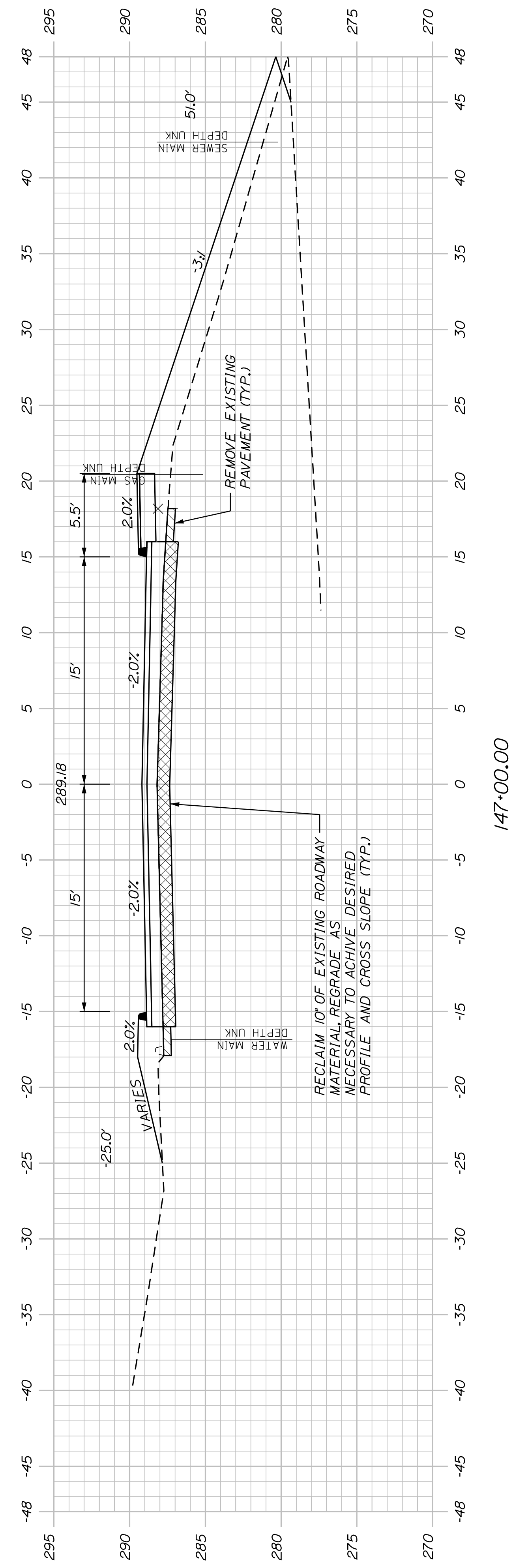
148+50.00



148+00.00



147+50.00



147+00.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

AUBURN
MT. AUBURN AVENUE
CROSS SECTIONS

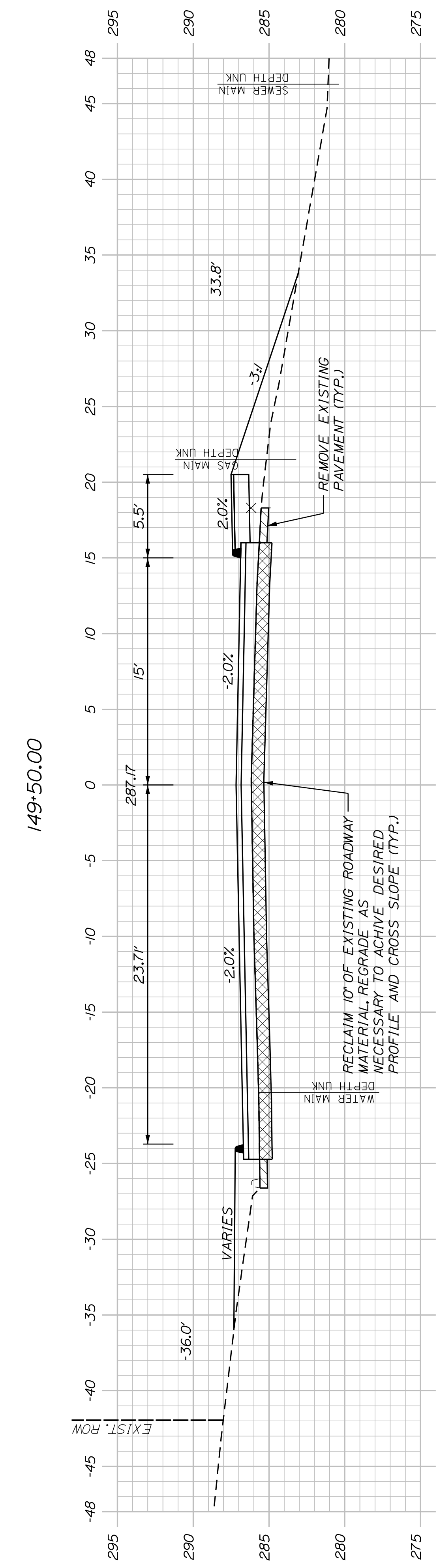
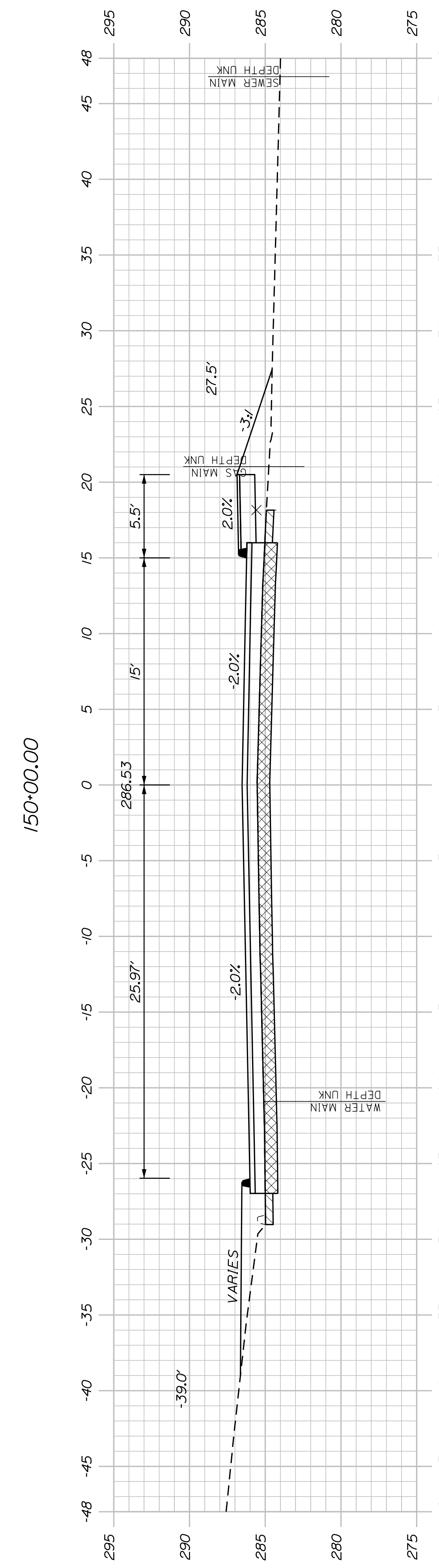
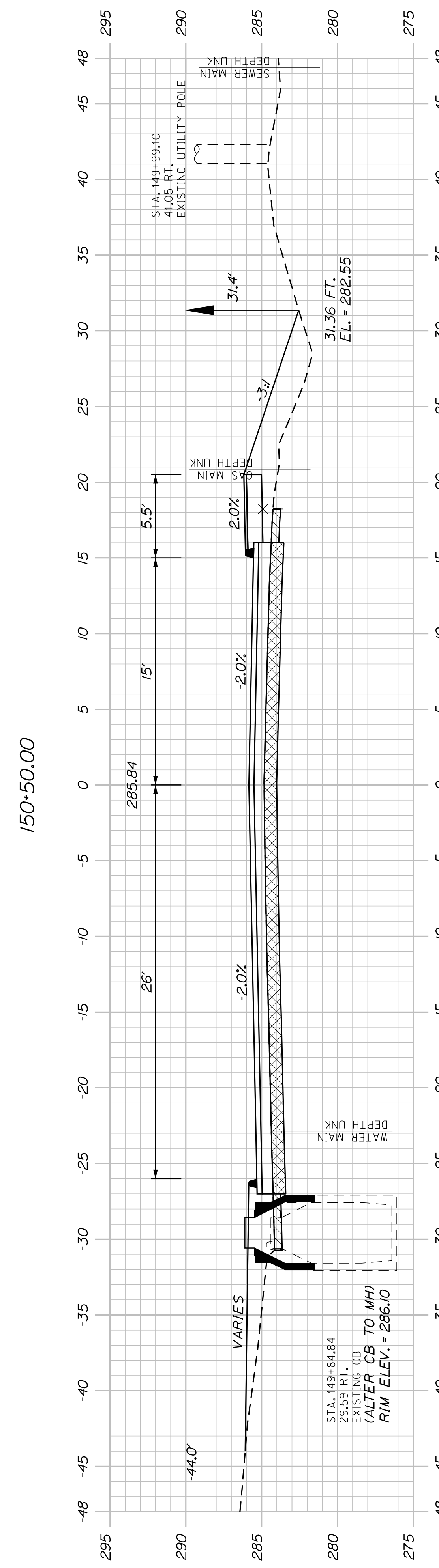
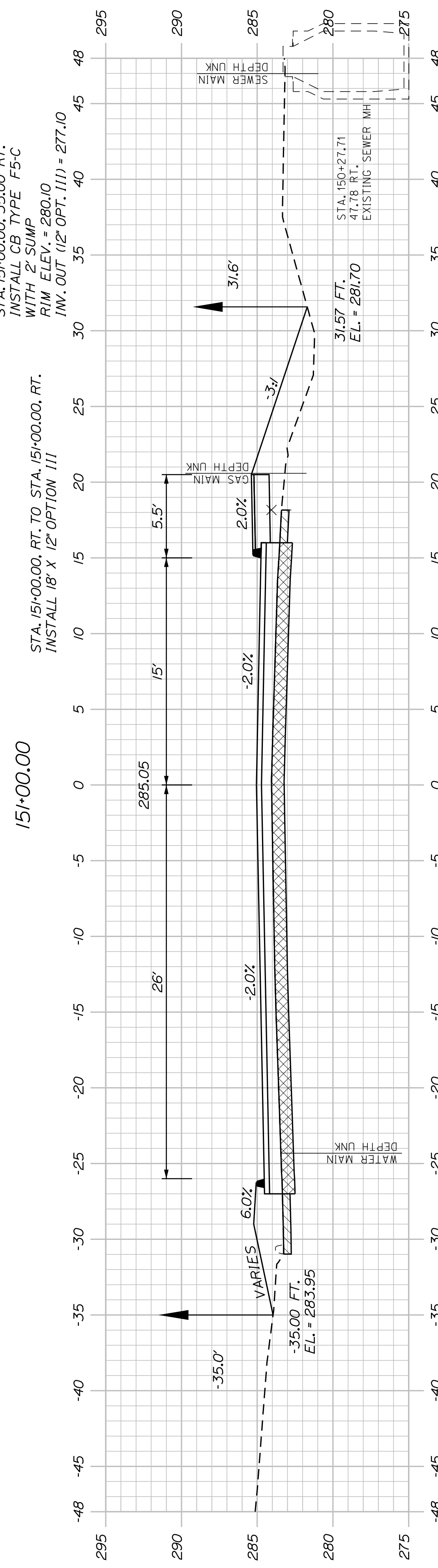
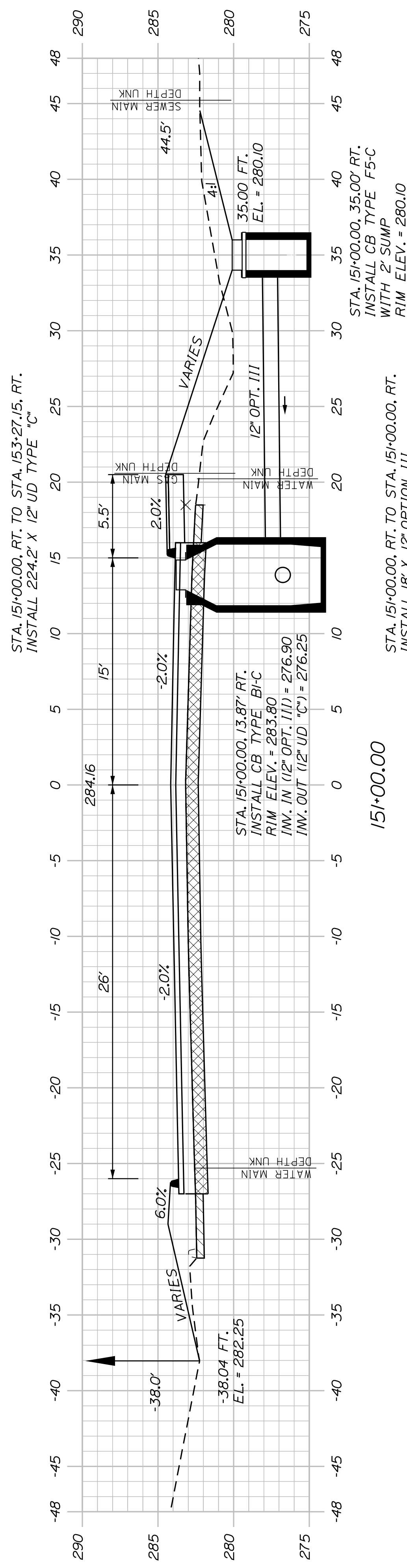
SHEET NUMBER

60

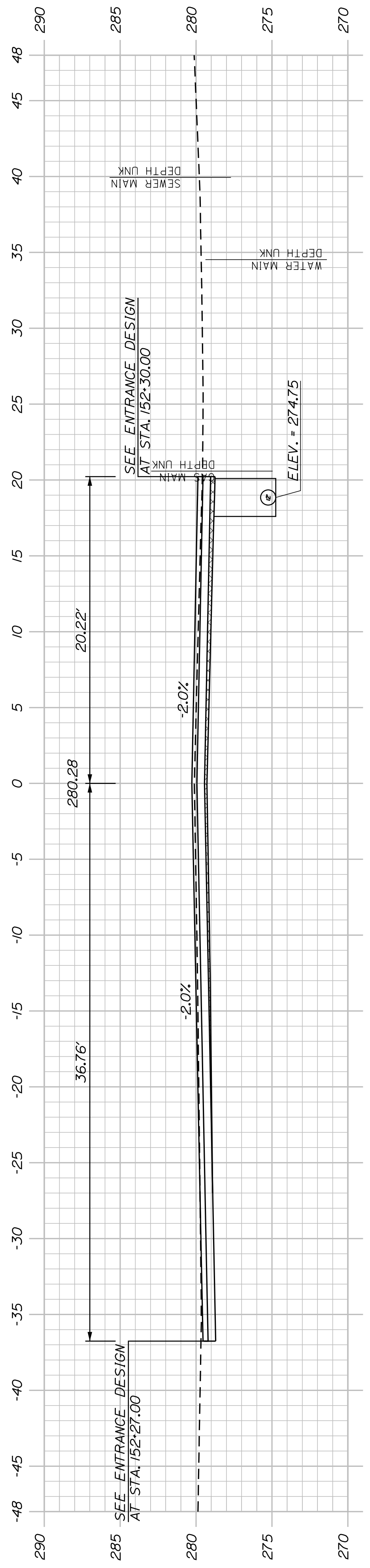
OF 63

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZWALD	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

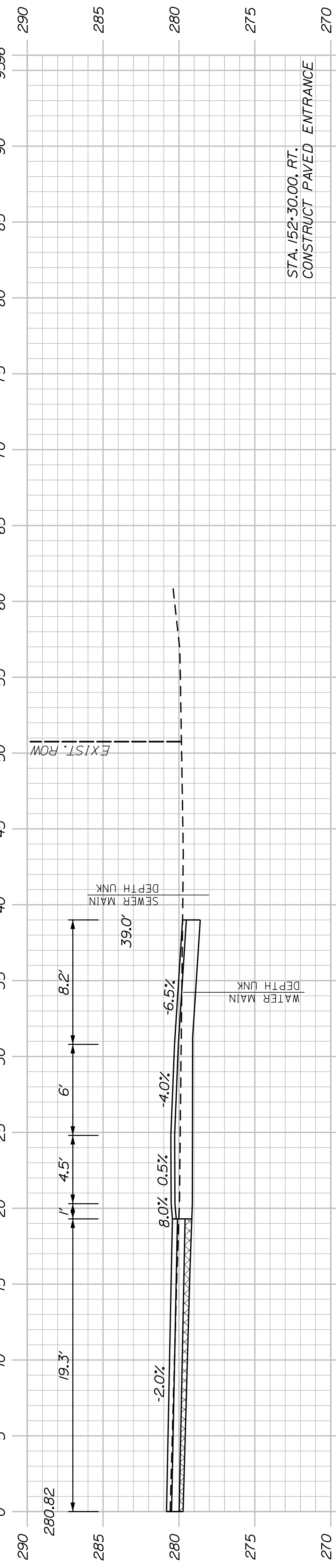
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P.E. NUMBER
DATE



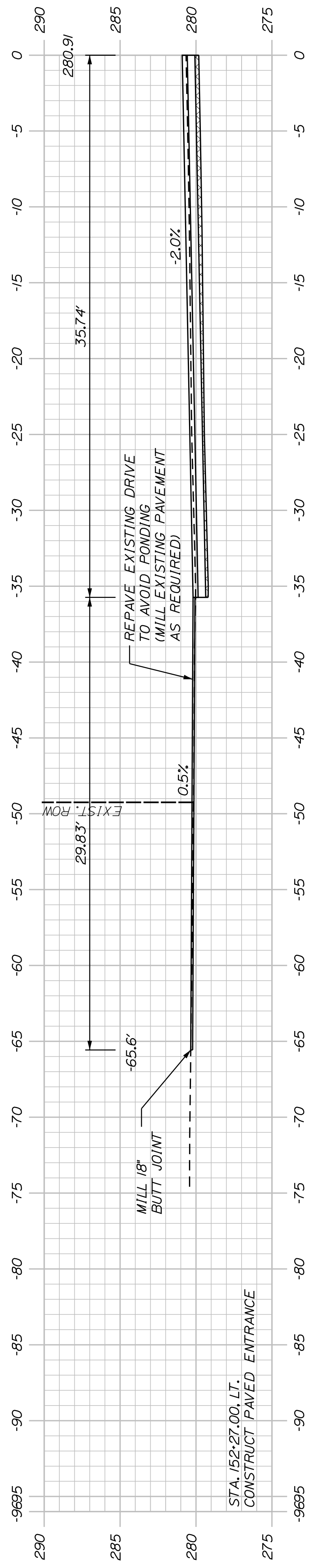
SHEET NUMBER		AUBURN AVENUE		CITY OF AUBURN	
61		MT. AUBURN AVENUE		60 COURT STREET	
OF 63		CROSS SECTIONS		AUBURN, MAINE 04210	
PROJ. MANAGER	A. BEAULIEU	BY	J. FITZWALD	DATE	05/22
DESIGN DETAILED	T. WARREN	CHECKED/REVIEWED	J. WACHENBACH	SIGNATURE	
DESIGNS DETAILED		DESIGNS DETAILED	D. EITINGER	P.E. NUMBER	
REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES					



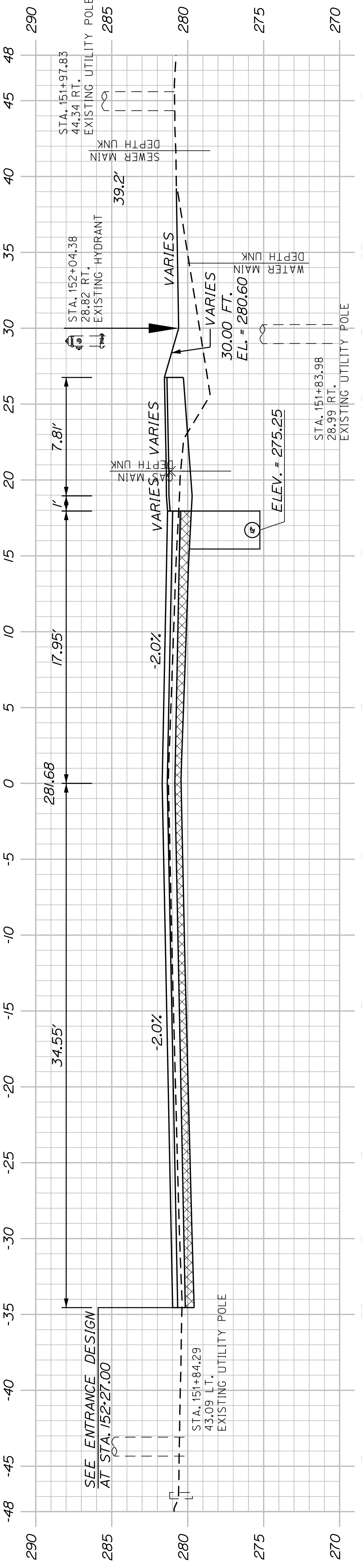
152*50.00



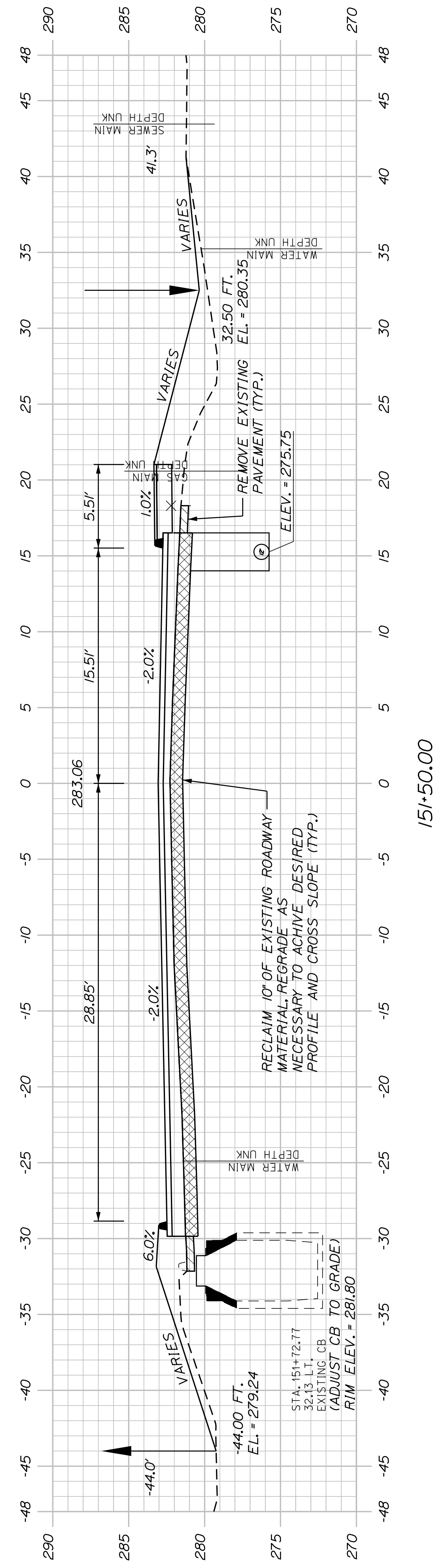
152*30.00
(COMMERCIAL PAVED ENTRANCE)



152*27.00
(COMMERCIAL PAVED ENTRANCE)



151*00.00



151*50.00

SHEET NUMBER

62

OF 83

AUBURN AVENUE MT. AUBURN AVENUE CROSS SECTIONS

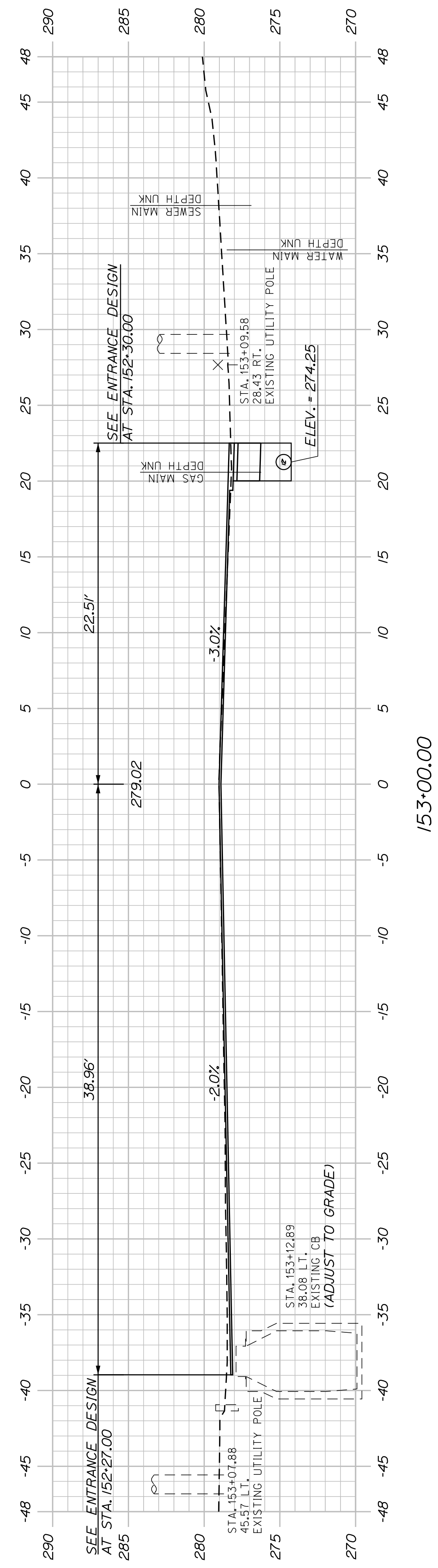
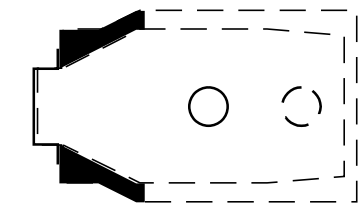
PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN-DETAILED	T. WARREN	J. FITZWALDCE	05/22
CHECKED-REVIEWED	J. WACHENBACH	D. ETTINGER	05/22
DESIGNS-DETAILED			
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
P.E. NUMBER
DATE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

END PAVEMENT RECLAIM AND ROADWAY REHABILITATION
BEGIN 1.5 MILL AND HMA OVERLAY WITH
VARIABLE DEPTH SHIM

STA. 153+27.15
28.05 RT.
EXISTING MH
(ADJUST MH TO GRADE)
RIM ELEV. = 279.05
INV. IN (12" UD "C") = 274.00
INV. OUT (EXIST. 12") = 271.58



Sta. 153+00.00 to Sta. 153+00.00

SHEET NUMBER
63
OF 63

AUBURN AVENUE
MT. AUBURN AVENUE
CROSS SECTIONS

PROJ. MANAGER	A. BEAULIEU	BY	DATE
DESIGN DETAILED	T. WARREN	J. FITZMAURICE	05/22
CHECKED/REVIEWED	J. WINDENBACH	D. EITINGER	05/22
DESIGN DETAILED 2	-	-	-
DESIGN DETAILED 3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

GENERAL NOTES

- THE CITY OF AUBURN SHALL HAVE THE RIGHT AND AUTHORITY TO DETERMINE THE ACCEPTABILITY OF WORK AND MATERIALS IN PROGRESS OR COMPLETED. THE CITY OF AUBURN SHALL HAVE THE RIGHT TO REJECT ANY WORK OR MATERIALS WHICH DO NOT CONFORM, IN ITS SOLE OPINION, TO THE PLANS OR SPECIFICATIONS.
- ALL SIGNING AND STRIPING MATERIALS AND PLACEMENT SHALL CONFORM TO THE MAINE DOT STANDARD SPECIFICATIONS, MARCH 2020 EDITION, SUPPLEMENTAL SPECIFICATIONS AND STANDARD DETAILS AND WITH THE FEDERAL HIGHWAY ADMINISTRATION "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2009 EDITION.
- ALL DISTURBED AREAS SHALL BE LOAMED AND SEEDDED. UNLESS OTHERWISE NOTED, SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS, AND SEEDING METHOD NO. 2 SHALL BE USED IN ALL OTHER LOCATIONS. LOAM SHALL BE PLACED TO A MINIMUM DEPTH OF 4" IN METHOD NO. 1 AREAS, AND 2" IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
- DISPOSITION OF SURPLUS MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. SURPLUS MATERIAL SHALL NOT BE DISPOSED OF ON THE PROJECT SITE. DISPOSITION SHALL BE MADE ONLY AT WASTE AREAS WHICH ARE LICENSED TO ACCEPT SUCH MATERIALS, UNLESS THE MATERIALS CAN BE INCORPORATED IN FILLS IN OTHER PROJECTS OF THE CONTRACTOR, ALL WASTE AREAS SHALL BE APPROVED BY THE RESIDENTS.
- EXCAVATIONS ACCOMPLISHED AS PART OF THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH SUBPART P OF 29 CRF PART 1926.650-652 (CONSTRUCTION STANDARD FOR EXCAVATIONS).
- THE CONTRACTOR SHALL CONTACT DIG-SAFE AND APPROPRIATE AUTHORITIES PRIOR TO ANY SUBSURFACE ACTIVITIES.
- ALL CLEARING AND TRIMMING WILL BE PAID AS A LUMP SUM AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING AND TRIMMING SHALL BE ESTABLISHED BY THE CONTRACTOR AND APPROVED IN THE FIELD BY THE ENGINEER.
- CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING OPENING PERMITS. CONTRACTOR SHALL BE RESPONSIBLE APPLYING FOR AND ALL COSTS ASSOCIATED WITH OBTAINING OPENING PERMITS FROM THE CITY IF REQUIRED.
- MAINTENANCE OF TRAFFIC SHALL BE PER THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES", 2009 EDITION.
- THE CONTRACTOR SHALL PROVIDE, ERECT AND MAINTAIN ALL NECESSARY BARRICADES, LIGHTS, WARNING SIGNS AND OTHER DEVICES TO SAFEGUARD TRAFFIC PROPERLY WHILE WORK IS IN PROGRESS FOR THE DURATION OF THE PROJECT.
- DRIVEWAY ACCESSES SHALL BE MAINTAINED AT ALL TIMES.
- THE CONTRACTOR SHALL SUBMIT A PLAN TO CONTROL TRAFFIC DURING THE PERIOD OF CONSTRUCTING THE IMPROVEMENTS TO THE CITY OF AUBURN FOR APPROVAL WHICH CONFORMS TO THE FEDERAL HIGHWAY ADMINISTRATION'S "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", 2009 EDITION. THE CONTRACTOR MUST MAINTAIN TWO WAY TRAFFIC WHENEVER PRACTICABLE AND MUST MAINTAIN AT LEAST ONE WAY ALTERNATING TRAFFIC FLOW AT ALL TIMES. ALL TRAFFIC SHALL BE CONTROLLED DURING THE PERIOD OF CONSTRUCTION IN ACCORDANCE WITH THE TRAFFIC CONTROL PLAN APPROVED BY THE CITY.
- THE CONTRACTOR SHALL PROVIDE THE CITY WITH A PERFORMANCE BOND, CERTIFIED CHECK OR OTHER NEGOTIABLE SECURITY ACCEPTABLE TO THE OWNER IN THE FULL AMOUNT OF THE COST TO CONSTRUCT SUCH IMPROVEMENTS WHICH CONFORMS TO THE GENERAL REQUIREMENTS FOR SUCH SURETY AS OUTLINED UNDER SECTION 110.2 IN THE STANDARD SPECIFICATIONS.
- THE CONTRACTOR SHALL PROVIDE THE CITY OF AUBURN WITH A SCHEDULE OF WORK FOR CONSTRUCTING THE IMPROVEMENTS, AND AN EMERGENCY CONTACT LIST.
- ALL IMPROVEMENTS SHALL BE CONSTRUCTED AS SHOWN ON THE FINAL PLANS IN ACCORDANCE WITH THE CITY OF AUBURN WATER & SEWERAGE DISTRICT STANDARD SPECIFICATIONS, RULES, AND REGULATIONS.
- THE CONTRACTOR SHALL ALLOW OR ARRANGE FOR THE CITY, ITS INSPECTORS, AGENTS, EMPLOYEES, CONTRACTORS OR INVITED GUESTS, TO ENTER UPON ANY LAND OWNED OR CONTROLLED BY THE CONTRACTOR OUTSIDE OF AND ADJOINING THE RIGHT-OF-WAY OF ANY HIGHWAY OR PUBLIC WAY, WHICH MAYBE USED FOR CONSTRUCTION OF THE TRAFFIC IMPROVEMENTS, AT ANY AND ALL TIMES AND FOR ANY AND ALL PURPOSES NECESSARY OR INCIDENTAL TO SUCH INSPECTION OR TESTING.
- ALL LABOR, MATERIALS AND EQUIPMENT NECESSARY TO REMOVE AND RESET POST SIGNS, MAILBOXES, AND POLES SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT BID PRICES. IF ANY DAMAGE OCCURS TO POSTS, SIGNS, MAILBOXES OR ASSOCIATED HARDWARE DURING REMOVAL, STORAGE OR RESETTING, THE DAMAGED MATERIALS SHALL BE REPLACED BY THE CONTRACTOR, TO THE SATISFACTION OF THE ENGINEER, AT NO ADDITIONAL COST TO THE OWNER.
- THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT THE LOCATION AND/OR THE ELEVATION OF THE EXISTING UTILITIES AS SHOWN ON THESE PLANS IS BASED ON RECORDS OF THE VARIOUS UTILITY COMPANIES AND WHERE POSSIBLE MEASUREMENTS TAKEN IN THE FIELD. UNDERGROUND FACILITIES INDICATED ON THE CROSS SECTIONS HAVE BEEN CARRIED OVER FROM THE PLAN VIEW DATA AND MAY ALSO INCLUDE FURTHER APPROXIMATIONS OF THE ELEVATIONS (DEPTHS) BASED UPON STRAIGHT LINE INTERPOLATION FROM THE NEAREST MANHOLES, GATE VALVES, OR TEST PITS. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE. THE CONTRACTOR MUST CALL THE APPROPRIATE UTILITY COMPANY AND DIG SAFE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK AND SCHEDULE AND THE UTILITY RELOCATION WORK WITH THE PROPER UTILITY COMPANY. UTILITY CONTACTS FOR THIS PROJECT ARE:

CENTRAL MAINE POWER ATTN: TIMOTHY LANEY 57 OLD WINTHROP ROAD AUGUSTA, ME 04330 (207) 629-9555	CONSOLIDATED COMMUNICATIONS ATTN: MARTY PEASE 5 DAVIS FARM ROAD PORTLAND, ME 04103 (207) 797-1119	UNTIL ATTN: DERICK GIROUX P.O. BOX 3566 PORTLAND, ME 04104 (207) 536-5663
AUBURN WATER & SEWERAGE DISTRICT ATTN: SID HAZELTON P.O. BOX 414 AUBURN, ME 04212-0414 (207) 784-6469	OXFORD NETWORKS ATTN: MICHAEL ELLINGWOOD 491 LISBON STREET LEWISTON, ME 04240 (207) 333-3471	SPECTRUM ATTN: MARK PELLETIER 118 JOHNSON ROAD PORTLAND, ME 04102 (207) 253-2324
- ALL MATERIAL SCHEDULES SHOWN ON THE PLANS ARE FOR GENERAL INFORMATION ONLY. THE CONTRACTOR SHALL PREPARE HIS OWN MATERIAL SCHEDULES BASED UPON HIS PLAN REVIEW. ALL SCHEDULES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR PERFORMING WORK.
- 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.
- EXISTING CONDITIONS BASED ON SURVEY COMPLETED BY TITCOMB ASSOCIATES IN MARCH 2022.
- CONSTRUCTION SHALL NOT COMMENCE UNTIL AUTHORIZED BY THE CITY.
- THE CONTRACTOR SHALL COMPLETE THE WORK WITHIN RIGHTS-OF-WAY OR EASEMENTS, AND WILL BE RESPONSIBLE IF TRESPASSING OCCURS ON PRIVATE PROPERTY.
- ALL EXISTING WATER VALVE COVERS AND ANY OTHER EXISTING UTILITIES SHALL BE ADJUSTED TO GRADE BY THE APPROPRIATE UTILITY COMPANY.
- ALL EXISTING SEWER MANHOLE INFORMATION SHALL BE FIELD VERIFIED PRIOR TO ORDERING NEW STRUCTURES.

- GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW UNDERWATER BACKFILL.
- THE FOLLOWING SHALL BE INCIDENTAL TO THE 603 ITEM(S):
 - ANY CUTTING OF EXISTING CULVERTS AND OR CONNECTORS NECESSARY TO INSTALL NEW CULVERT REPLACEMENTS OR EXTENSIONS
 - ALL PIPE EXCAVATION INCLUDING ANY CUTTING AND REMOVAL OF PAVEMENT
 - ALL DITCHING AT PIPE ENDS
 - FURNISHING, PLACING, GRADING, AND COMPACTING OF ANY NEW GRAVEL AND/OR FILL MATERIAL INCLUDING GRANULAR BORROW USED UNDER PIPES.
 - GRANULAR BORROW UNDER THE PIPE SHALL MEET THE REQUIREMENTS FOR UNDERWATER BACKFILL
 - ALL WORK NECESSARY TO CONNECT TO EXISTING PIPES AND DRAINAGE STRUCTURES
 - FLOW LINES MAY BE CHANGED BY 1.5 FT
 - ANY NECESSARY CLEARING OF BRUSH AND NON-PAY TREES AT CULVERT ENDS
 - BACKFILL
 - ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT AREAS OF PROPOSED CATCH BASINS
- NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE CITY.
- NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603.
- THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. MAILBOXES SHALL BE RELOCATED SO THAT THE POSTS ARE 1 FOOT BEHIND EDGE OF SHOULDER OR AS DIRECTED BY THE CITY. NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK; IT SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
- 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.
- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION'S BEST MANAGEMENT PRACTICES FOR EROSION CONTROL & SEDIMENT CONTROL, FEBRUARY, 2008.
- THE CONTRACTOR SHALL ANTICIPATE THAT GROUNDWATER WILL BE ENCOUNTERED DURING CONSTRUCTION AND SHALL INCLUDE SUFFICIENT COSTS WITHIN THEIR BID TO PROVIDE DEWATERING AS NECESSARY. NO SEPARATE PAYMENT SHALL BE MADE TO THE CONTRACTOR FOR DEWATERING.
- LOCATION OF WATER MAINS ARE APPROXIMATE AND BASED ON A COMPOSITE OF AS-BUILT PLANS AND SURVEYED FEATURES SUCH AS VALVES.
- COORDINATE WITH APPROPRIATE UTILITY COMPANY FOR SUPPORT OF UTILITY POLES AS NECESSARY.
- ANY DAMAGE CAUSED TO THE EXISTING UTILITIES BY THE CONTRACTORS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR AND NO SEPARATE PAYMENT SHALL BE MADE.
- AUBURN WATER AND SEWERAGE DISTRICT SHALL HAVE THE RIGHT AND AUTHORITY TO DETERMINE THE ACCEPTABILITY OF WORK AND MATERIALS IN PROGRESS OR COMPLETED. AUBURN WATER AND SEWERAGE DISTRICT SHALL HAVE THE RIGHT TO REJECT ANY WORK OR MATERIALS WHICH DO NOT CONFORM, IN ITS SOLE OPINION, TO THE PLANS AND SPECIFICATIONS.

EROSION CONTROL NOTES

- LAND DISTURBING ACTIVITIES SHALL BE ACCOMPLISHED IN A MANNER AND SEQUENCE THAT CAUSES THE LEAST PRACTICAL DISTURBANCE OF THE SITE.
- PRIOR TO BEGINNING ANY CLEARING/LAND DISTURBING ACTIVITIES, THE CONTRACTOR SHALL INSTALL THE PERIMETER SILT FENCES.
- SILTATION FENCE SHALL BE INSTALLED DOWNGRADIENT OF ANY DISTURBED AREAS TO TRAP RUNOFF- BORNE SEDIMENTS UNTIL GRASS AREAS ARE REVEGETATED. THE SILT FENCE SHALL BE INSTALLED PER THE DETAILS PROVIDED ON THIS PLAN AND INSPECTED BEFORE AND IMMEDIATELY AFTER EACH RAINFALL AND AT LEAST DAILY DURING PROLONGED RAINFALL. REPAIRS SHALL BE MADE IF THERE ARE ANY SIGNS OF EROSION OR SEDIMENTATION BELOW THE FENCE LINE. IF THERE ARE SIGNS OF UNDERCUTTING AT THE CENTER OR THE EDGES, OR IMPOUNDING OF LARGE VOLUMES OF WATER BEHIND THE FENCE, THE BARRIER SHALL BE REPLACED WITH A STONE CHECK DAM.
- 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.
- SILT REMOVED FROM AROUND INLETS AND BEHIND THE SILT FENCES SHALL BE PLACED ON A TOPSOIL STOCKPILE AND MIXED INTO IT FOR LATER USE IN LANDSCAPING OPERATIONS.
- ALL GROUND AREAS GRADED FOR CONSTRUCTION WILL BE GRADED, LOAMED AND SEEDDED AS SOON AS POSSIBLE. PERMANENT SEED MIXTURE SHALL CONFORM TO THE SEEDING PLAN CONTAINED IN THE EROSION CONTROL PLANS AND NOTES.
- ALL NON-PAVED AREAS DISTURBED DURING CONSTRUCTION SHALL BE LOAMED AND SEEDDED, UNLESS OTHERWISE SHOWN ON PLANS OR DIRECTED BY THE CITY.
- 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.
- WATER AND/OR CALCIUM CHLORIDE SHALL BE FURNISHED AND APPLIED IN ACCORDANCE WITH MDOT SPECIFICATIONS - SECTION 637 - DUST CONTROL.
- THE CONTRACTOR IS CAUTIONED THAT FAILURE TO COMPLY WITH THE SEQUENCE OF CONSTRUCTION, EROSION/SEDIMENT CONTROL PLAN, AND OTHER PERMIT REQUIREMENTS MAY RESULT IN MONETARY PENALTIES. THE CONTRACTOR SHALL BE ASSESSED ALL SUCH PENALTIES AT NO COST TO THE CITY OR PERMITTEE.

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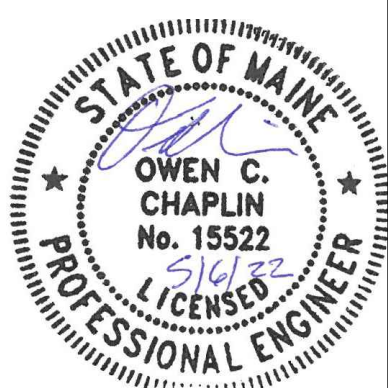
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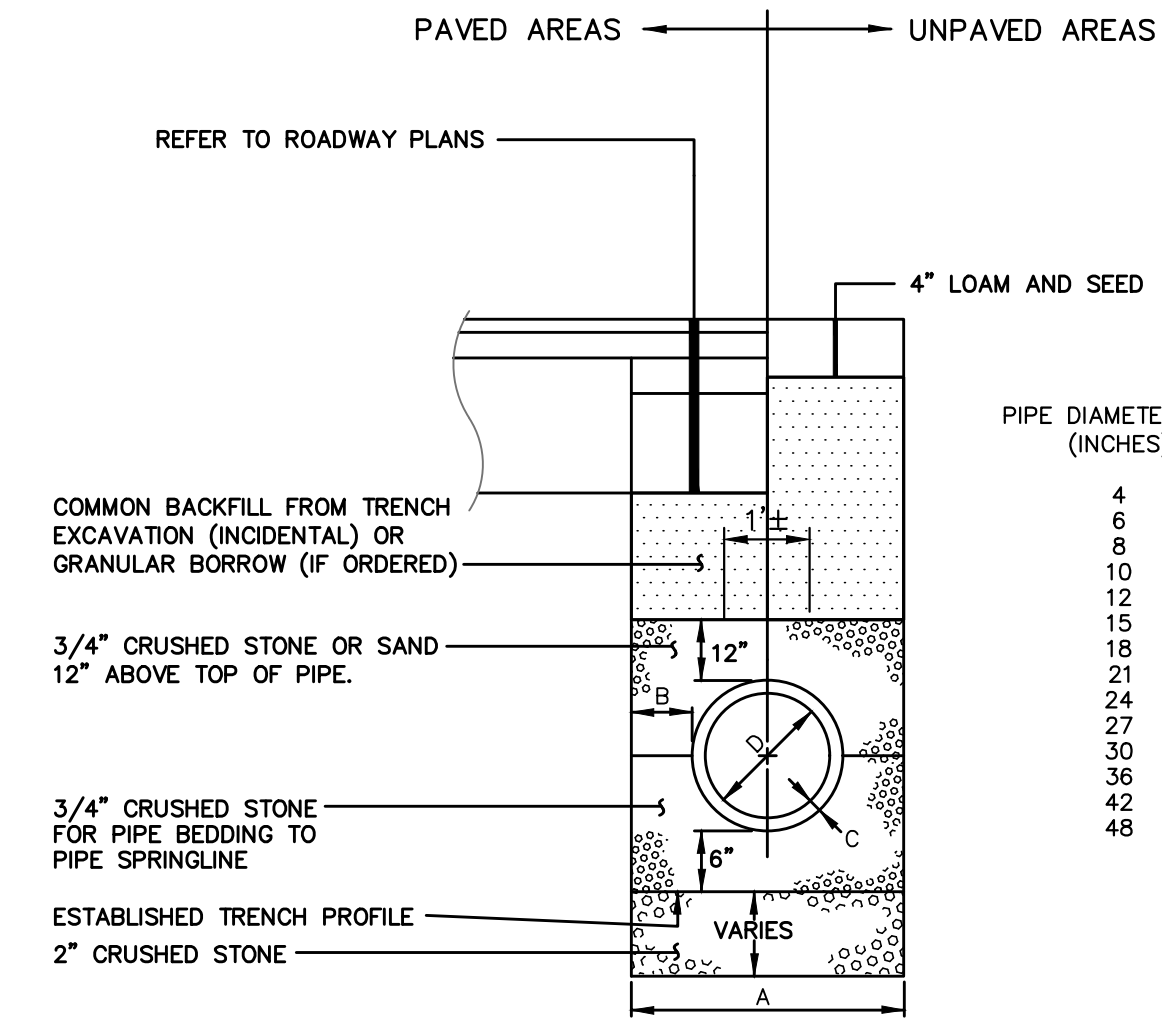
Drawing Name:	General Notes
Project:	Mt. Auburn Avenue Utility Extensions Auburn, Maine
Client:	Stoneybrook Land Use, Inc. 4846 Sun City Center Blvd. #300, Sun City Center, Florida 33573

Drawing No.	A1
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NOTES:
DEPTH OF BITUMINOUS PAVEMENT AND AGGREGATE COURSES SHALL BE DETERMINED BY STREET CLASSIFICATION.
ANY ALTERNATE TRENCHING OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY OF AUBURN, DEPARTMENT OF PUBLIC WORKS.



PIPE DIAMETER, "D" (INCHES)	MAX. TRENCH WIDTH, "A" (FEET)
4	4.0
6	4.0
8	4.0
10	4.0
12	4.0
15	4.0
18	5.0
21	5.0
24	5.5
27	6.0
30	6.0
36	7.0
42	8.0
48	8.0

SINGLE PIPE (ROADWAY OVERLAY)

NOTES

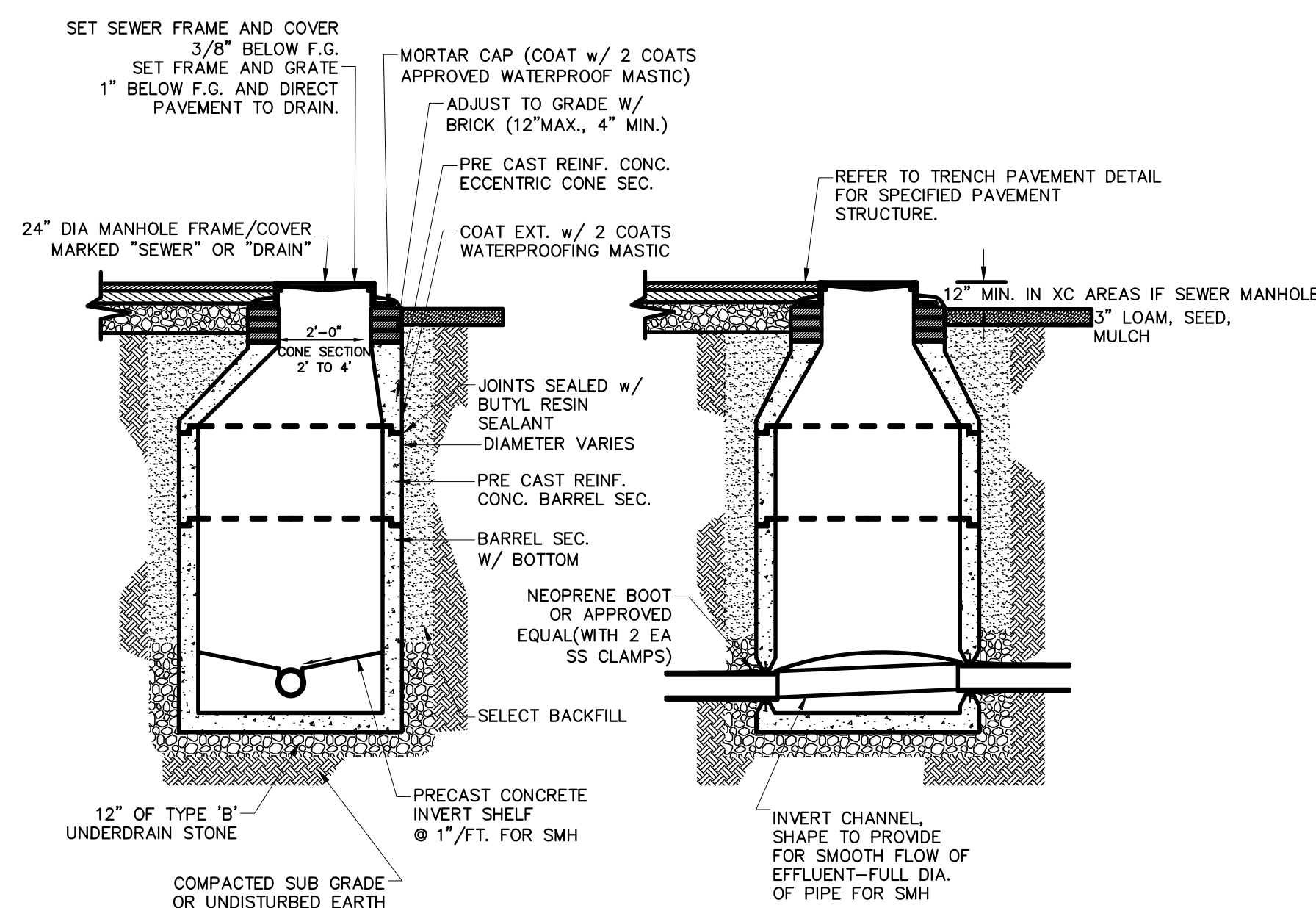
1. ALTERNATIVE CONSTRUCTION METHODS OR PAYMENT METHODS SHALL BE APPROVED IN ADVANCE BY THE CITY.
2. IN PAVED AREAS, REFER TO TYPICAL SECTIONS IN ROADWAY PLANS.
3. DIMENSION "B" SHALL BE SUFFICIENT TO ALLOW CRUSHED STONE BEDDING TO BE PLACED AND COMPACTED UNDER THE HAUNCHES OF THE PIPE; BUT IN ALL CASES "B" SHALL BE AT LEAST 9".
4. DIMENSION "A" IS THE MAXIMUM WIDTH ALLOWED FOR CALCULATING PAY QUANTITIES UNDER GRANULAR BORROW, CRUSHED STONE, STRUCTURAL EARTH EXCAVATION, AND STRUCTURAL ROCK EXCAVATION. DIMENSION "A" SHALL BE BASED ON PIPE DIAMETER "D", AS SET FORTH IN THE FOLLOWING TABLE.
5. EXCAVATION BELOW ESTABLISHED TRENCH PROFILE (IF ORDERED). PAY ITEM 206.061.
6. EXCAVATION INCIDENTAL TO PIPE PAY ITEMS (PAVED AND SEEDED AREAS).
7. NEW MAIN SHALL BE INSPECTED VIA CCTV CAMERA AFTER INSTALLATION TO INSPECT JOINTS, DEFLECTIONS, AND OTHER POTENTIAL DEFECTS. IF DEFECTS ARE IDENTIFIED, CONTRACTOR SHALL REPAIR AT NO ADDITIONAL COST.

TYPICAL PIPE TRENCH INSTALLATION

NOT TO SCALE

GENERAL NOTES FOR MANHOLES & CATCH BASINS

1. ALL CONCRETE SHALL HAVE A MINIMUM ULTIMATE COMPRESSIVE STRENGTH OF 4000 lbs. PER SQ. INCH AT THE END OF 28 DAYS, UNLESS OTHERWISE NOTED.
2. MANHOLES MAY BE CONSTRUCTED OF PRECAST REINFORCED CONCRETE, UNLESS OTHERWISE APPROVED.
3. ALL SANITARY MANHOLE COVERS SHALL HAVE "SEWER" CAST INTO THE COVER. ALL STORMWATER/DRAIN MANHOLE COVERS SHALL HAVE "DRAIN" CAST INTO THE COVER.
4. ALL MANHOLE RISERS SHALL BE 24" CLEAR OPENING OR APPROVED EQUAL.
5. SEWER BRICK SHALL CONFORM TO ASTM SPEC. DESIGNATE ON C-32-63, GRADE MA AND SA.
6. ALL SANITARY MANHOLES SHALL HAVE A WATERPROOFING COATING APPLIED TO THE EXTERIOR SURFACE.
7. CASTINGS SHALL CONFORM TO ASTM DESIGNATION A48-CLASS 35.
8. EXISTING MANHOLES, CATCH BASINS, FRAMES, AND COVERS SHALL BE SALVAGED BY THE CONTRACTOR, AND SHALL REMAIN THE PROPERTY OF THE CITY OF AUBURN.
9. ALL CATCH BASIN OUTLETS SHALL BE INSTALLED WITH A SEDIMENT HOOD.

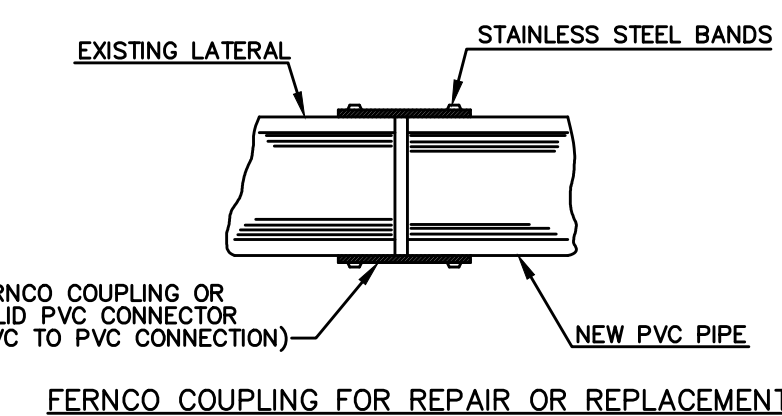


PRECAST STANDARD SANITARY SEWER OR DRAIN MANHOLE

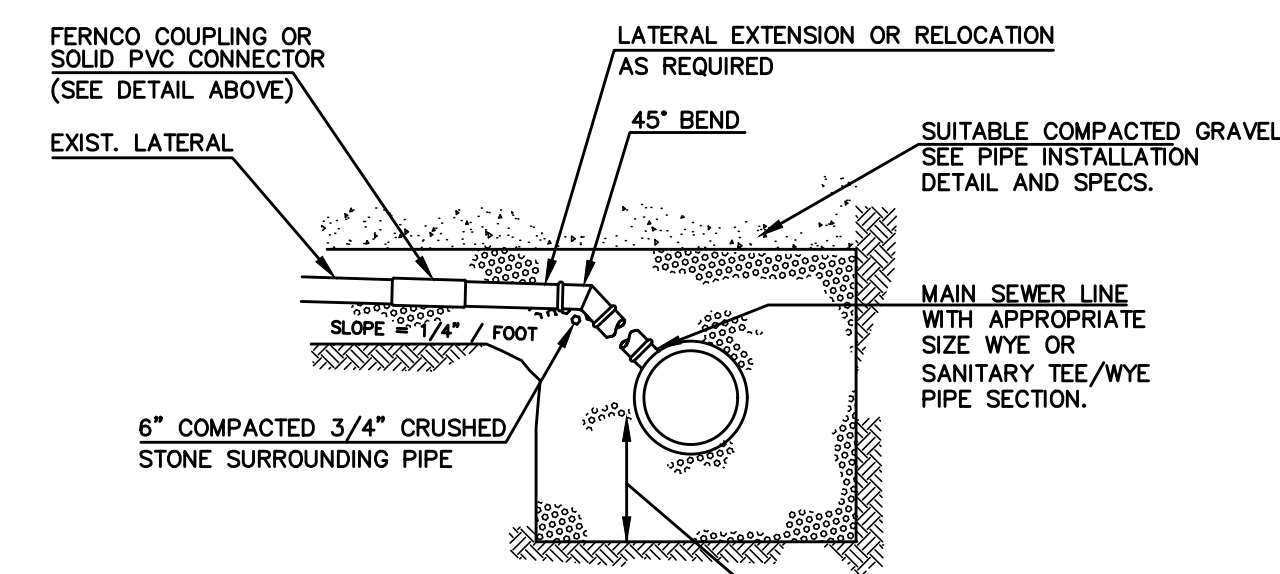
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NOTE: LOCATIONS AND ELEVATIONS OF STUBS SHOWN ON THE PLANS ARE TO BE CONSIDERED AS APPROXIMATE AND MAY BE ADJUSTED AS DIRECTED TO SUIT FIELD CONDITIONS.

HOUSE CONNECTIONS AND CATCH BASIN CONNECTIONS TO THE MAIN LINE OF THE SEWER, SHALL CONSIST OF AN APPROPRIATE "Y" BRANCH CONNECTION AS SHOWN ON THE PLANS, OR AS DIRECTED. ACTUAL "Y" LOCATIONS FOR HOUSE CONNECTIONS AND CATCH BASIN CONNECTIONS SHALL BE DETERMINED DURING CONSTRUCTION. THE CONTRACTOR SHALL KEEP A COMPLETE RECORD OF "Y" LOCATIONS WHICH SHALL BE GIVEN TO THE CITY OF AUBURN UPON COMPLETION OF THE CONTRACT. ALL PVC TO PVC COUPLING SHALL BE "SOLID PVC COUPLINGS".

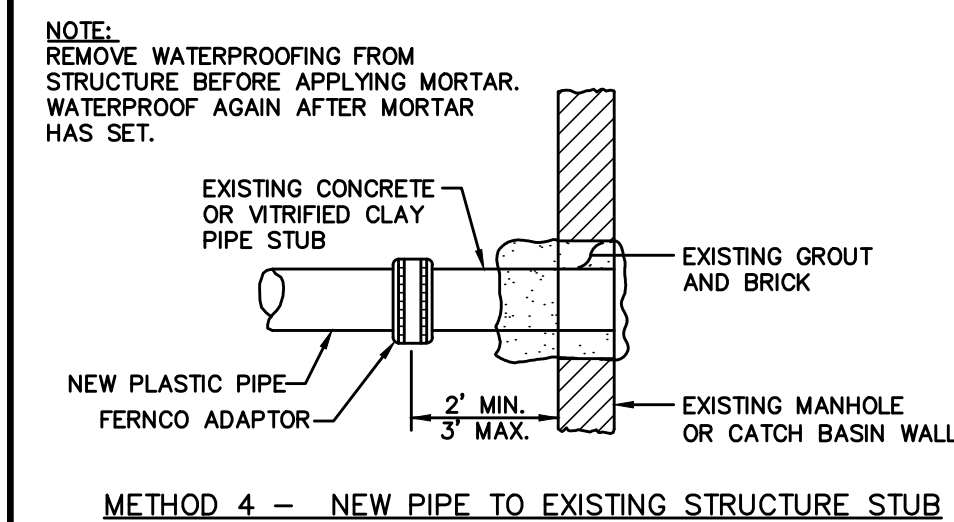


FERROU COUPLING FOR REPAIR OR REPLACEMENT



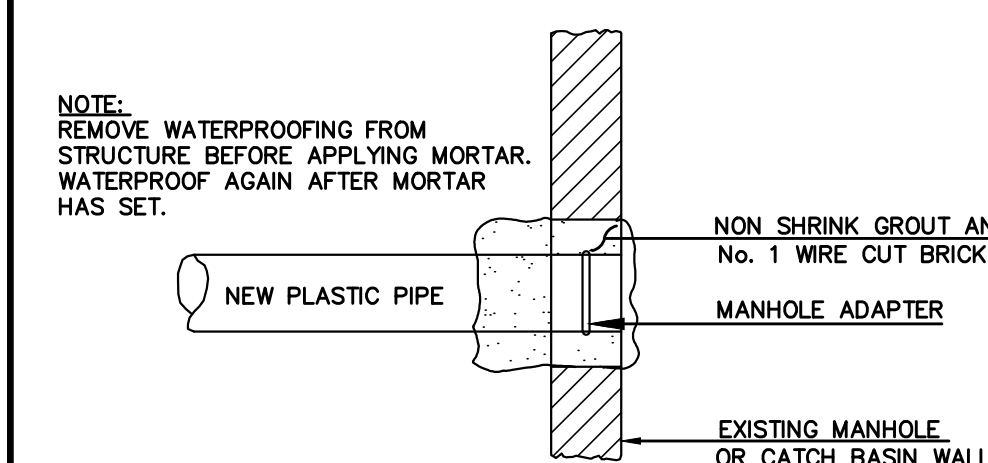
TYPICAL EXISTING LATERAL CONNECTION

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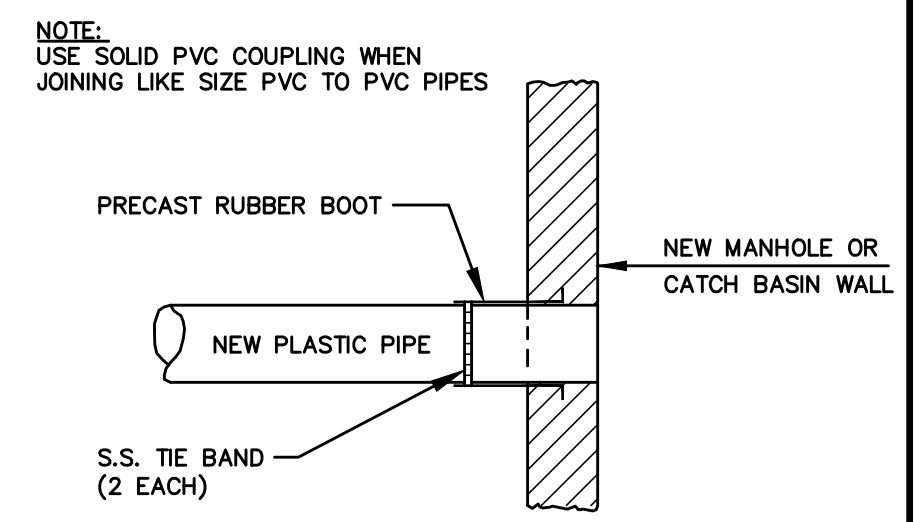


METHOD 4 - NEW PIPE TO EXISTING STRUCTURE STUB

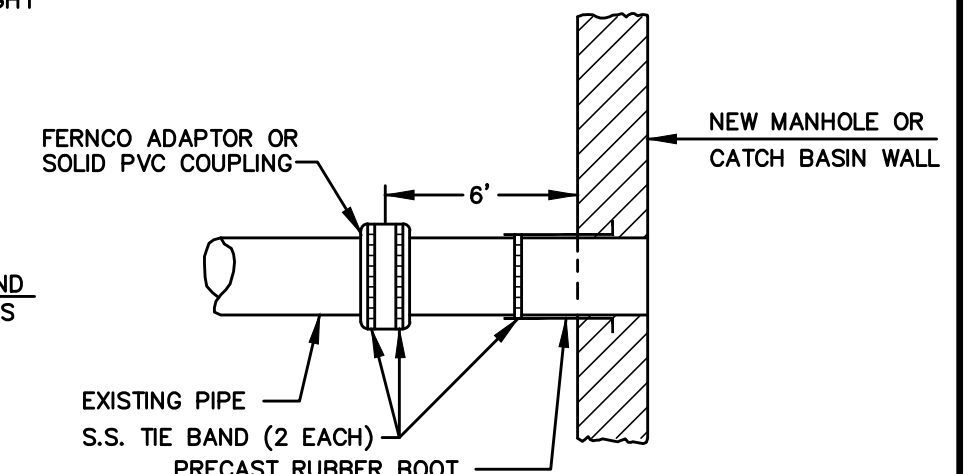
NOTE: EXISTING MANHOLE OR CATCH BASIN SHALL BE CORE DRILLED FOR PIPE INSTALLATION. IF PIPE DIAMETER IS SO LARGE THAT CORE DRILLING IS PROHIBITED, THE CONTRACTOR MAY SAW CUT THE STRUCTURE TO CREATE PIPE OPENING. THE NEW OPENING MUST THEN BE SEALED AND WATERTIGHT BOTH INSIDE AND OUTSIDE THE STRUCTURE.



METHOD 3 - NEW PIPE INTO EXISTING STRUCTURE



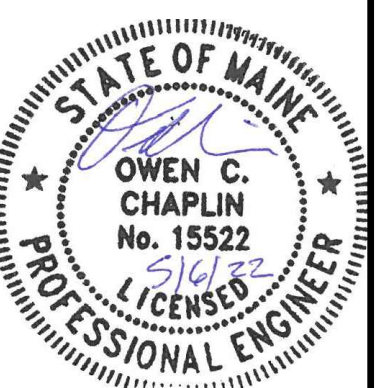
METHOD 2 - NEW CONSTRUCTION



METHOD 1 - EXISTING PIPE INTO NEW STRUCTURE

PLASTIC PIPE CONNECTIONS

NOT TO SCALE



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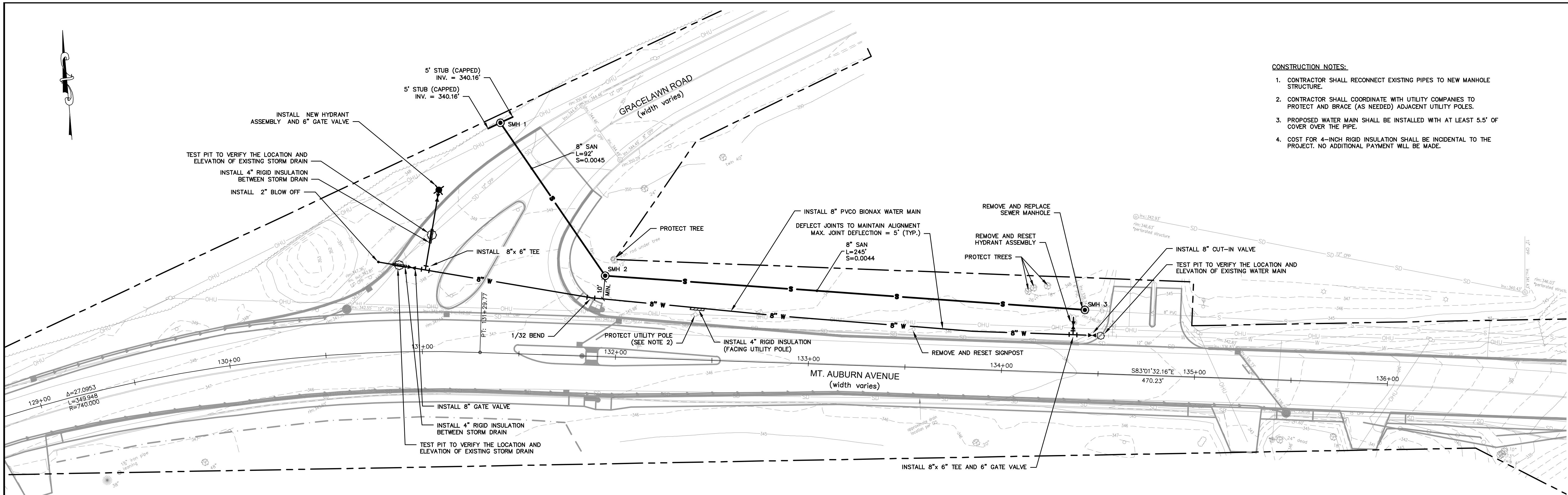
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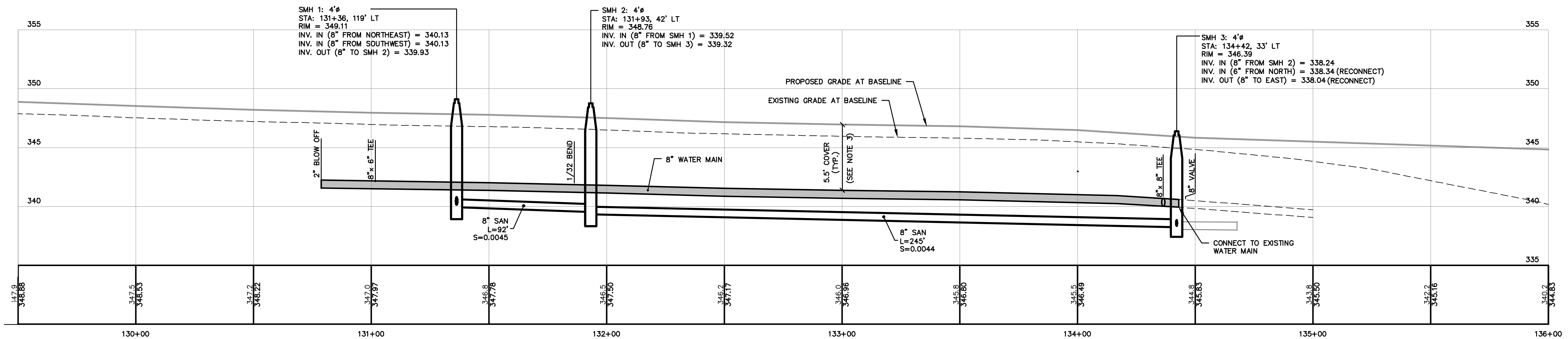
Drawing Name:	Project Details
Project:	Mt. Auburn Avenue Utility Extensions Auburn, Maine
Client:	Stoneybrook Land Use, Inc. 4846 Sun City Center Blvd. #300, Sun City Center, Florida 33573

Drawing No.	A2
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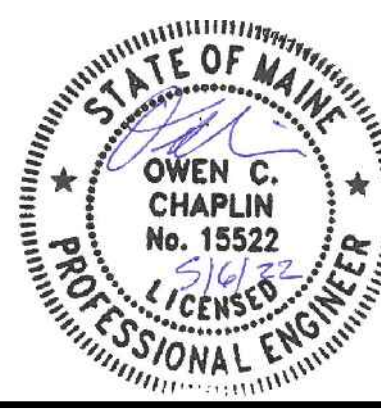
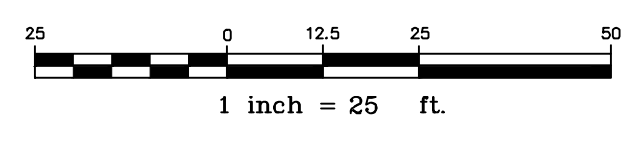


- CONSTRUCTION NOTES:**
1. CONTRACTOR SHALL RECONNECT EXISTING PIPES TO NEW MANHOLE STRUCTURE.
 2. CONTRACTOR SHALL COORDINATE WITH UTILITY COMPANIES TO PROTECT AND BRACE (AS NEEDED) ADJACENT UTILITY POLES.
 3. PROPOSED WATER MAIN SHALL BE INSTALLED WITH AT LEAST 5.5' OF COVER OVER THE PIPE.
 4. COST FOR 4-INCH RIGID INSULATION SHALL BE INCIDENTAL TO THE PROJECT. NO ADDITIONAL PAYMENT WILL BE MADE.

MT. AUBURN AVENUE PLAN
SCALE: 1"=25'



MT. AUBURN AVENUE PROFILE
SCALE: 1"=25' HORIZ.
1" = 5' VERT.



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Project:	Mt. Auburn Avenue Utility Extensions Auburn, Maine
Client:	Stoneybrook Land Use, Inc. 4846 Sun City Center Blvd. #300, Sun City Center, Florida 33573

Drawing No.
A3

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 DISTURBED 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 SURROUNDED 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 1/2 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.

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

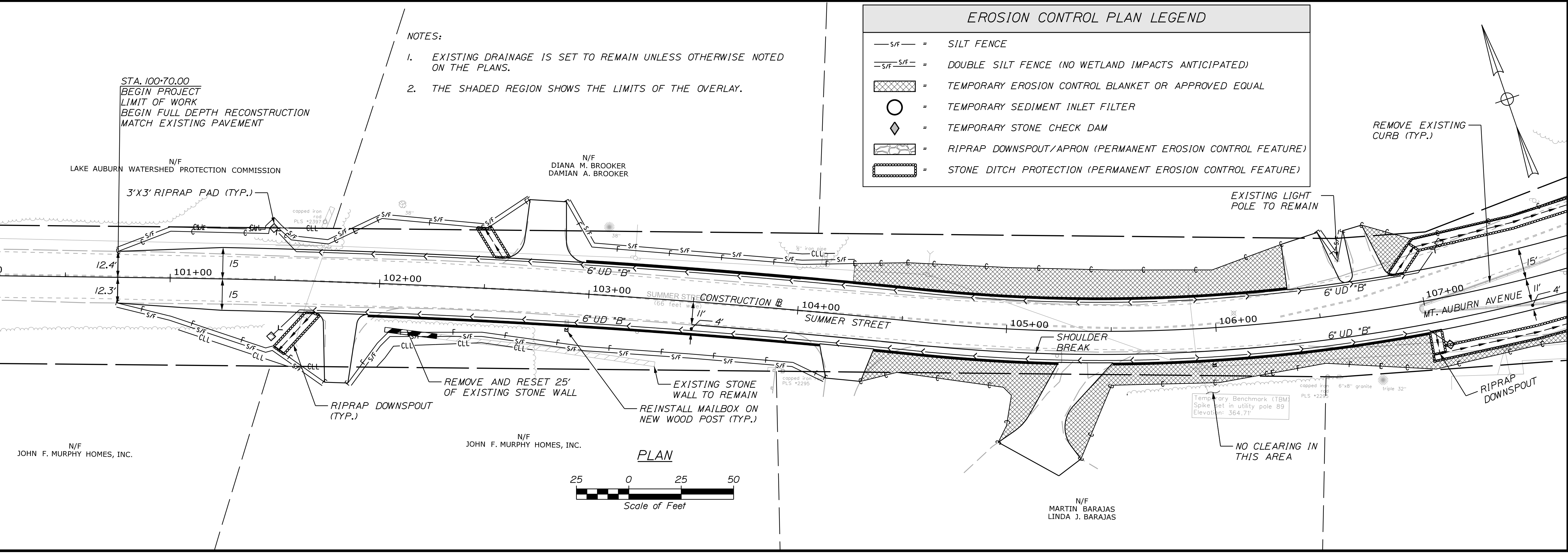
Date: 5/6/2022

Username: Trey, Warren

Division: HIGHWAY

Filename: ... \001_ECPHPlan_01.dgn

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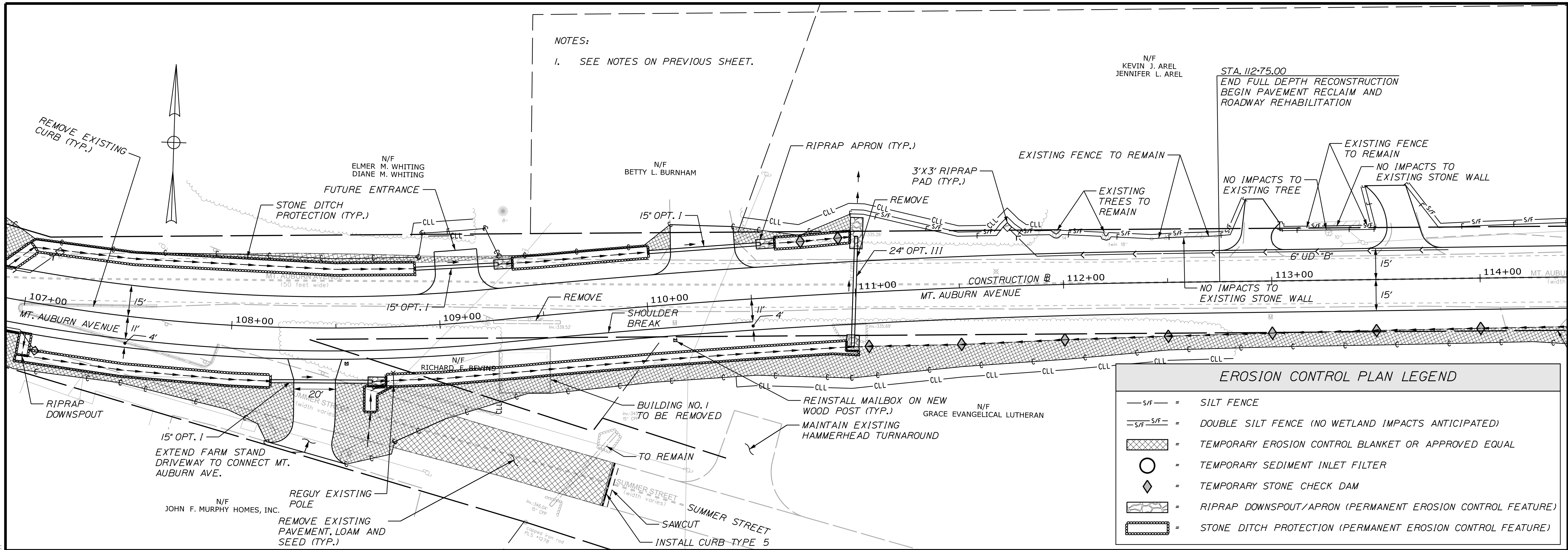


PROJ. MANAGER	A. BEAULIEU	BY	DATE
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REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
MT. AUBURN AVENUE
APPENDIX B
EROSION CONTROL PLANS

SHEET NUMBER
B1
OF 5

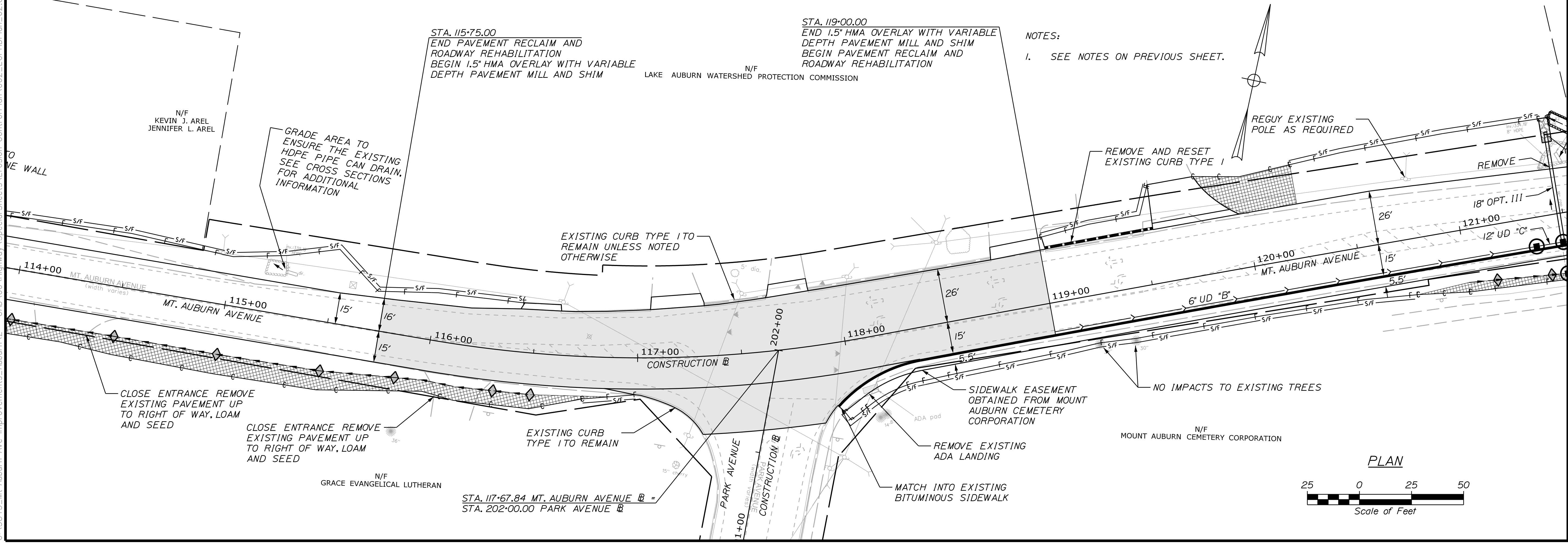
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 Division: HIGHWAY
 Username: Trey, Warren
 Date: 5/6/2022



NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.

STA. 112+75.00
 END FULL DEPTH RECONSTRUCTION
 BEGIN PAVEMENT RECLAIM AND
 ROADWAY REHABILITATION

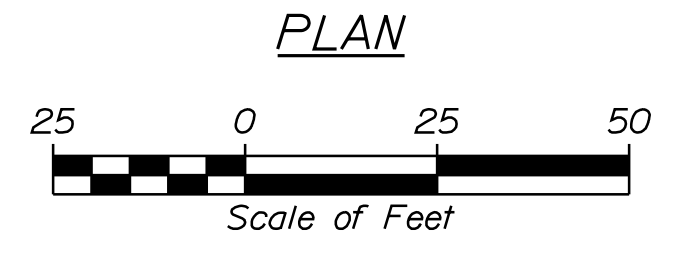
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	SILT FENCE
	DOUBLE SILT FENCE (NO WETLAND IMPACTS ANTICIPATED)
	TEMPORARY EROSION CONTROL BLANKET OR APPROVED EQUAL
	TEMPORARY SEDIMENT INLET FILTER
	TEMPORARY STONE CHECK DAM
	RIPRAP DOWNSPOUT/APRON (PERMANENT EROSION CONTROL FEATURE)
	STONE DITCH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



NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.

STA. 115+75.00
 END PAVEMENT RECLAIM AND
 ROADWAY REHABILITATION
 BEGIN 1.5" HMA OVERLAY WITH VARIABLE
 DEPTH PAVEMENT MILL AND SHIM

STA. 119+00.00
 END 1.5" HMA OVERLAY WITH VARIABLE
 DEPTH PAVEMENT MILL AND SHIM
 BEGIN PAVEMENT RECLAIM AND
 ROADWAY REHABILITATION



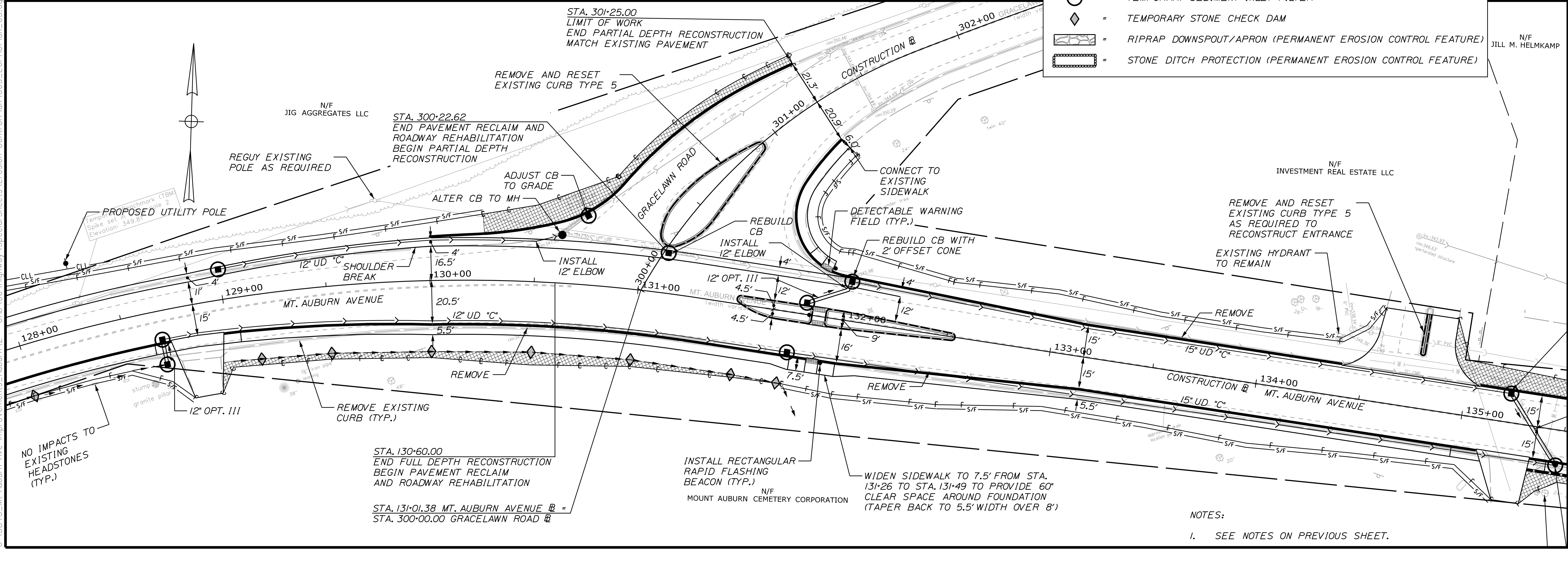
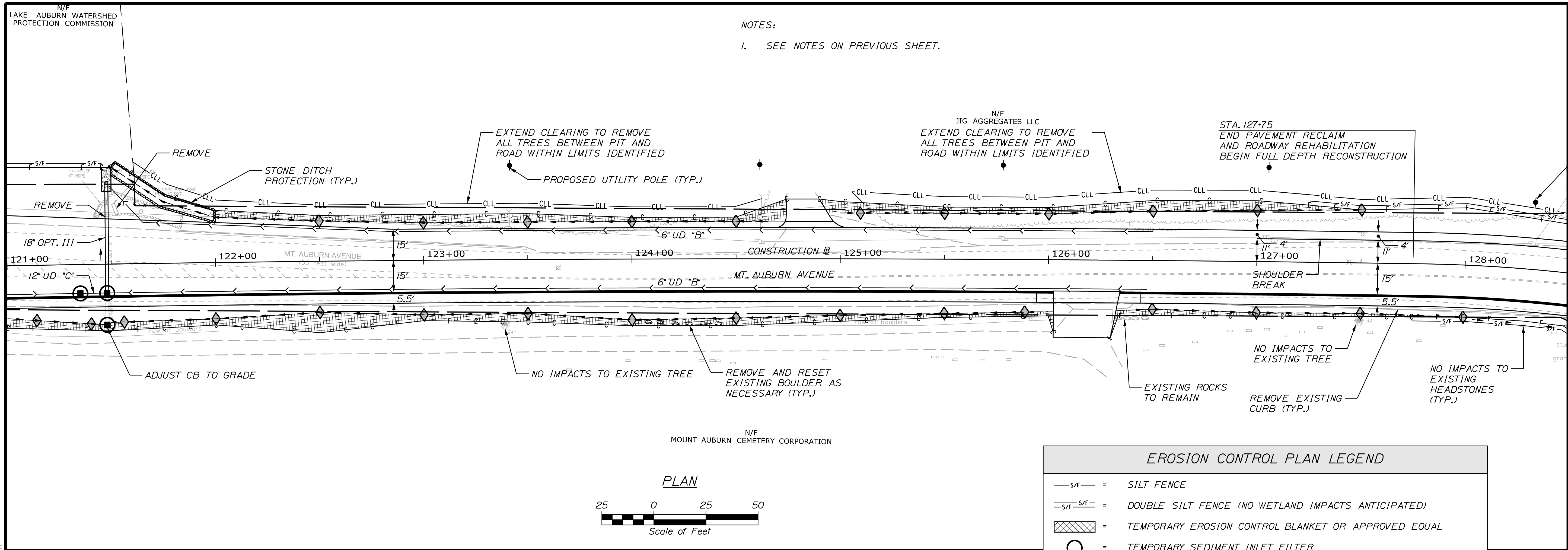
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

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REVISIONS 4			
FIELD CHANGES			

AUBURN AVENUE
 MT. AUBURN AVENUE
 APPENDIX B
 EROSION CONTROL PLANS

SHEET NUMBER
B2
 OF 5

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 Username: Trey, Warren
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NOTES:
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CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

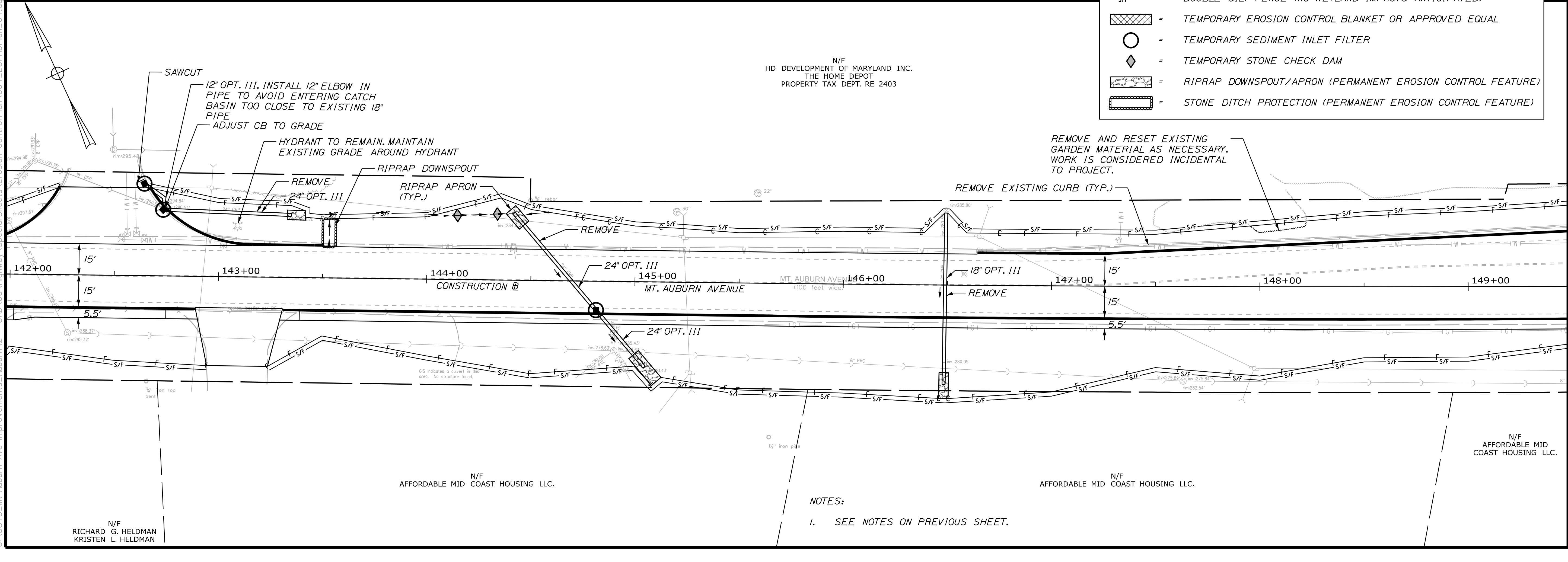
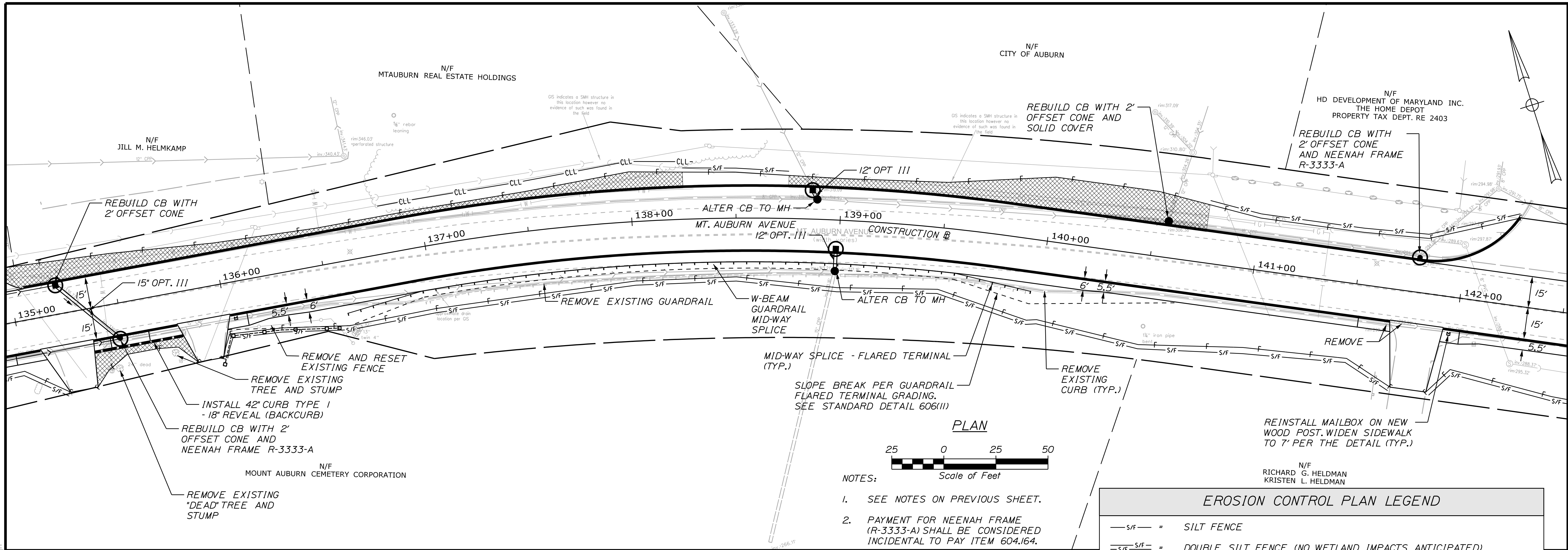
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		REVISIONS 3			
		REVISIONS 4			
		FIELD CHANGES			

AUBURN AVENUE
 MT. AUBURN AVENUE
 APPENDIX B
 EROSION CONTROL PLANS

SHEET NUMBER
B3
 OF 5

NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.

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 Division: HIGHWAY
 Username: Trey, Warren
 Date: 5/6/2022



NOTES:
 1. SEE NOTES ON PREVIOUS SHEET.
 2. PAYMENT FOR NEENAH FRAME (R-3333-A) SHALL BE CONSIDERED INCIDENTAL TO PAY ITEM 604.164.

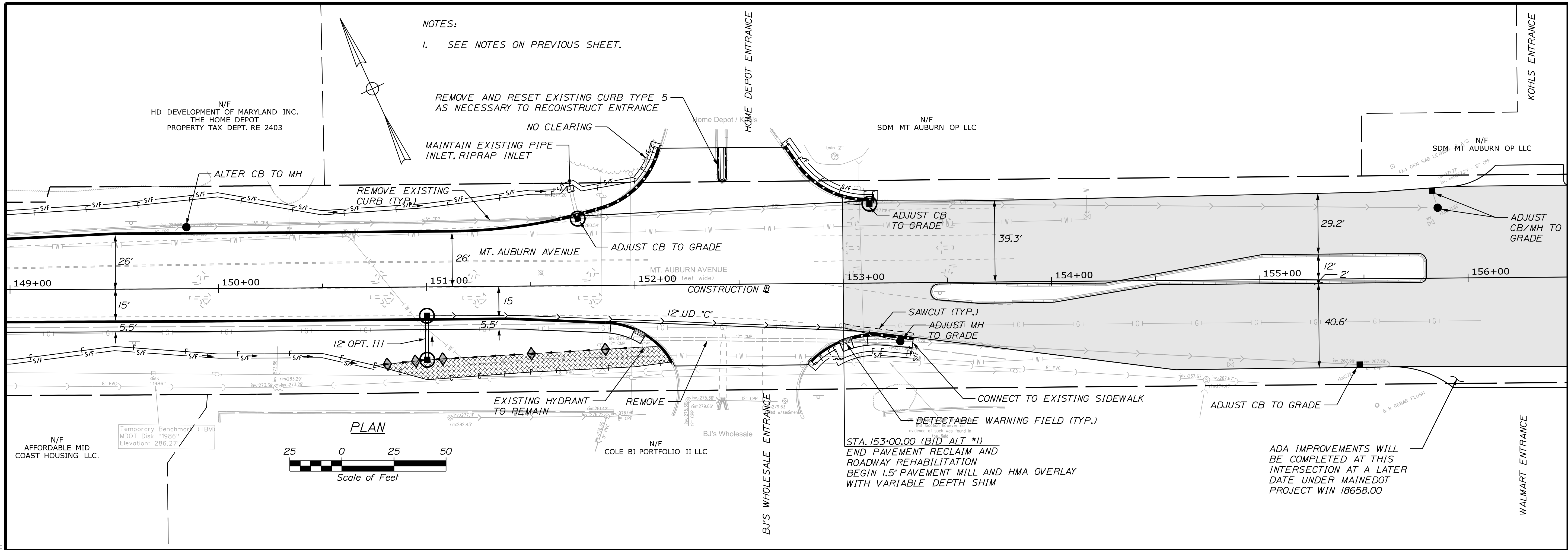
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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

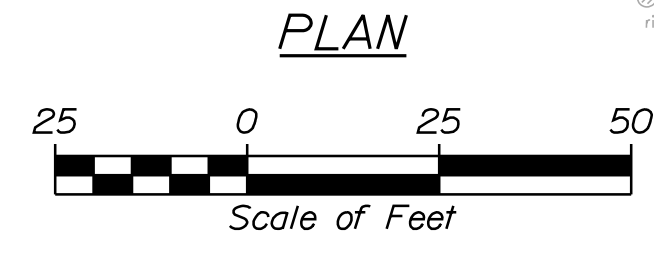
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AUBURN AVENUE
MT. AUBURN AVENUE
APPENDIX B
EROSION CONTROL PLANS

SHEET NUMBER
B4
 OF 5



NOTES:
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ADA IMPROVEMENTS WILL BE COMPLETED AT THIS INTERSECTION AT A LATER DATE UNDER MAINE DOT PROJECT WIN 18658.00

CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04210																																											
AUBURN MT. AUBURN AVENUE APPENDIX B EROSION CONTROL PLANS	SHEET NUMBER B5 OF 5																																										
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