

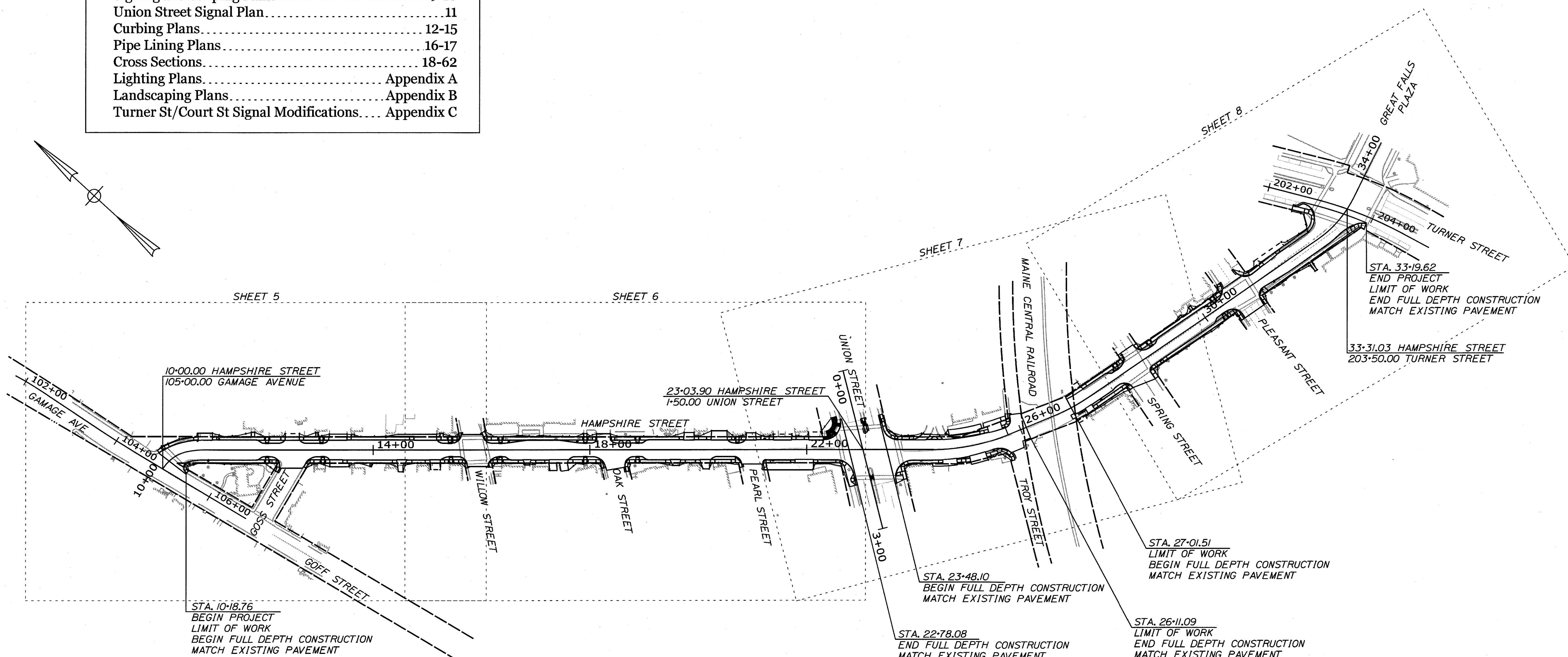
CITY OF AUBURN HAMPSHIRE STREET IMPROVEMENTS AUBURN, MAINE

ANDROSCOGGIN COUNTY
PROJECT LENGTH: 0.44 MILES
BID NUMBER: 2017-019

INDEX OF SHEETS

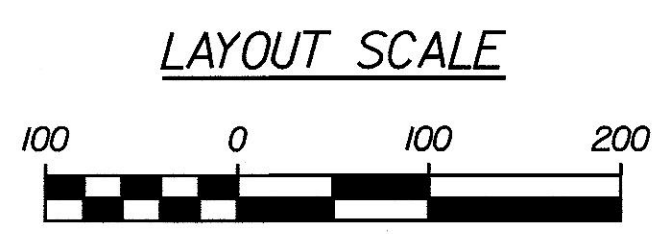
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Filename: ... \00\Highway\001_Title.dgn
 Division: HIGHWAY
 User: jared.winchenbach
 Date: 1/25/2017



NOTE:
ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL BE GOVERNED BY AND BE IN CONFORMITY WITH THE MAINE DOT STANDARD SPECIFICATIONS (NOVEMBER 2014 EDITION), AND THE MAINE DOT STANDARD DETAILS (NOVEMBER 2014), EXCEPT AS MODIFIED BY THE PLANS OR SPECIAL PROVISIONS AND ANY AND ALL CORRECTIONS, REVISIONS, OR ADDITIONS ISSUED BY MAINE DOT.

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



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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



Donald G. Ettinger, Jr.
SIGNATURE
9-2-17
P.E. NUMBER
1-26-17
DATE

PROJECT INFORMATION	
CITY DEPARTMENT	PUBLIC SERVICES
PROJECT MANAGER	ANTHONY BEAUJEU
DESIGNER	DONALD G. ETTINGER
CONSULTANT	GORRILL PALMER
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

AUBURN
HAMPSHIRE STREET
TITLE SHEET

SHEET NUMBER
1
OF 62

GENERAL NOTES

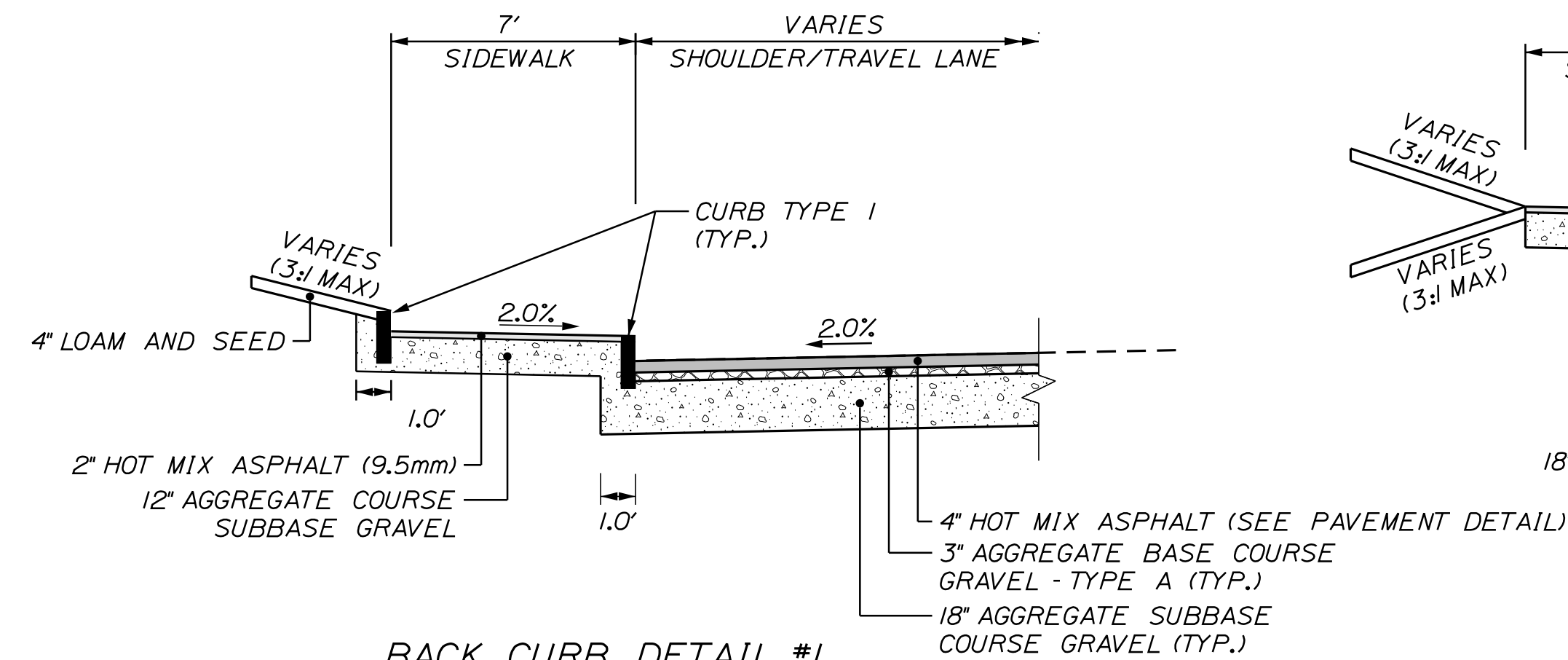
1. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS OTHERWISE NOTED.
2. ALL WORK CONTEMPLATED UNDER THIS CONTRACT SHALL BE GOVERNED BY AND BE IN CONFORMITY WITH THE MAINE DOT STANDARD SPECIFICATIONS (REVISION OF NOVEMBER 2014), AND THE STANDARD DETAILS (REVISION OF NOVEMBER 2014) EXCEPT PROVISIONS AND ANY AND ALL CORRECTIONS, REVISIONS OR ADDITIONS ISSUED BY MAINE DOT.
3. ANY DAMAGE TO EXISTING LAWNS AND DRIVEWAYS 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.
4. CLEARING LIMITS SHALL BE 5' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE INSPECTOR.
5. 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.
6. LOCATION OF UNDERGROUND UTILITIES ARE APPROXIMATE. CONTRACTOR SHALL VERIFY LOCATIONS PRIOR TO COMMENCING OPERATIONS.
7. 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.
8. 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.
9. DRIVEWAY ACCESS SHALL BE MAINTAINED AT ALL TIMES.
10. 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.
11. 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.
12. THE PLACEMENT OF BITUMINOUS PAVING MATERIALS SHALL BE SUBJECT TO ALL OF THE WEATHER AND SEASONAL LIMITATIONS OUTLINED IN MAINE DOT STANDARD SPECIFICATIONS.
13. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE SAWCUT AND VERTICAL. IF ANY EXISTING PAVEMENT IS REQUIRED TO BE REMOVED, PAYMENT FOR SAWCUTTING AND REMOVAL WILL BE INCIDENTAL TO PAVING ITEMS.
14. 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.
15. CONSTRUCTION SHALL NOT COMMENCE UNTIL AUTHORIZED BY THE CITY OF AUBURN.
16. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH LINED PIPES.
17. 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.
18. A1-C AND B1-C CATCH BASINS SHALL BE SHAPE 1 WITH HAUNCHED CONE, AS PER MAINE DOT STANDARD DETAILS. UNLESS OTHERWISE NOTED ON THE PLANS.
19. ALL CATCH BASINS TYPE A PLACED ON CIRCULAR CURB TYPE 1 SHALL HAVE THE CURB INLET CUT AT THE SAME RADIUS AS ADJACENT CIRCULAR CURB. PAYMENT SHALL BE INCIDENTAL TO ITEM 604.
20. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6-INCH TYPE B UNDERDRAIN.
21. 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.
22. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 603 OR 605.
23. EXISTING CULVERTS AND CATCH BASINS TO REMAIN WILL BE CLEANED AS DIRECTED BY THE INSPECTOR. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).
24. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE INSPECTOR.
25. RESIDENTIAL ENTRANCES SHALL BE CONSTRUCTED WITH:
PAVED: 3" HOT MIX ASPHALT-GRADING 9.5mm
1" AGGREGATE SUBBASE COURSE-GRAVEL

CONCRETE: 6" CONCRETE SLAB
8" AGGREGATE SUBBASE

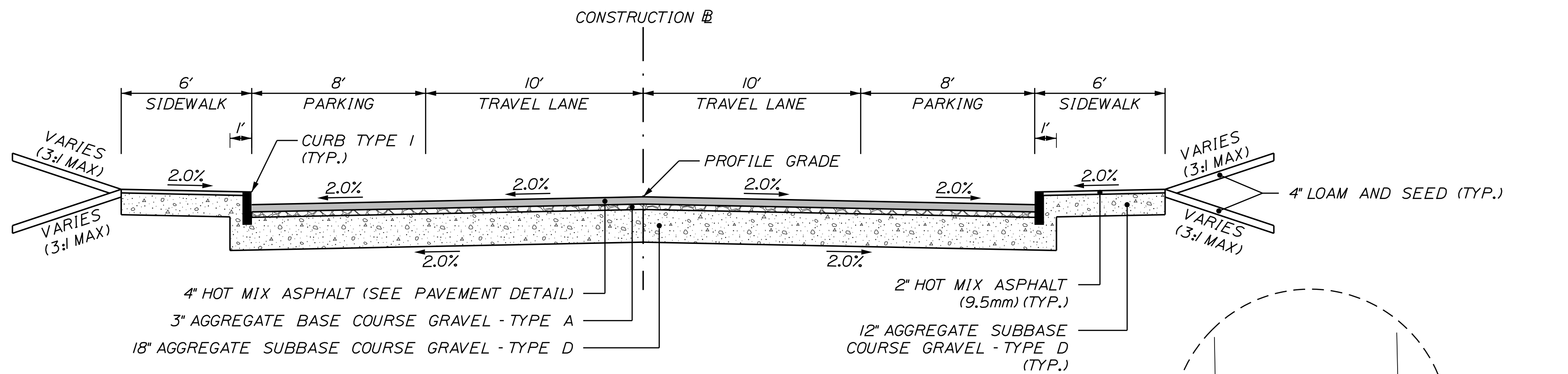
UNPAVED: 14" AGGREGATE SUBBASE COURSE-GRAVEL
26. COMMERCIAL ENTRANCES SHALL BE CONSTRUCTED WITH:
PAVED: 3" HOT MIX ASPHALT-GRADING 9.5mm
1" AGGREGATE SUBBASE COURSE-GRAVEL
27. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE-GRAVEL AND 2" HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.
28. THE CONTRACTOR SHALL COMPLETE THE WORK WITHIN THE RIGHT-OF-WAY, AND WILL BE RESPONSIBLE IF THEY TRESPASS ON PRIVATE PROPERTY.
29. NO SEPARATE PAYMENT FOR SUPERINTENDANT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT BEING PAID UNDER THE EQUIPMENT RENTAL ITEMS.
30. LOAM HAS BEEN ESTIMATED FOR 100% OF THE DISTURBED SLOPE AREA. ACTUAL PLACEMENT OF THE LOAM USED SHALL BE AS DESIGNATED BY THE INSPECTOR.
31. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES UNLESS OTHERWISE NOTED OR DIRECTED.
32. ALL DISTURBED SLOPE AREAS SHALL BE LOAMED AND SEEDED. UNLESS OTHERWISE NOTED, SEEDING METHOD NO. 1 SHALL BE UTILIZED.
33. MULCH SHALL BE APPLIED IN AREAS SEEDED.
34. EXISTING CISTERN AT STATION 18+40 IS TO BE REMOVED. SEE SHEET 4 FOR SPECIFIC DETAILS. PAYMENT WILL BE MADE UNDER 203.20 COMMON EXCAVATION.
35. THE EXISTING DRAINAGE TRUNKLINE WILL BE CLEANED AND LINED BY OTHERS. PIPE LINING PLANS SHOWN FOR INFORMATIONAL PURPOSES ONLY.
36. PROPOSED POLE LOCATIONS ARE APPROXIMATE, AND NOTED IN THE CROSS SECTIONS. FINAL POLE LOCATIONS WILL BE DETERMINED BY CMP IN THE FIELD.
37. GRANITE CURBING (VERTICAL AND SLOPED) SHALL BE INSTALLED IN A CONCRETE FOUNDATION. SEE SPECIAL PROVISION 609. PAYMENT FOR CONCRETE WORK SHALL BE UNDER ITEM 609.50.
38. DO NOT EXCAVATE FOR AGGREGATE SUBBASE COURSE GRAVEL WHERE EXISTING MATERIAL IS SUITABLE AS DETERMINED BY THE INSPECTOR.
39. 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, AND COMPACTING THE EXISTING SUBBASE AND LAYERS OF NEW SUBBASE 6 INCHES OR LESS THICK WILL BE MADE UNDER APPROPRIATE EQUIPMENT RENTAL ITEMS.
40. A 3' PAVED LIP SHALL BE PLACED AT ALL GRAVEL ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE INSPECTOR.
41. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING SHALL BE INCIDENTAL TO THE RELATED PAVING ITEMS.
42. PAYMENT FOR PAVEMENT AND CONCRETE REMOVAL WHERE SHOWN ON PLANS SHALL BE PAID FOR UNDER ITEM 203.20, COMMON EXCAVATION.
43. REMOVAL OF EXISTING DRAINAGE, AS NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20, COMMON EXCAVATION.
44. REMOVAL OF EXISTING CURBING SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 - COMMON EXCAVATION.
45. ALL GRANITE CURBING THAT IS REMOVED AND STACKED AND NOT REUSED ON THE PROJECT SHALL BE TURNED OVER TO THE CONTRACTOR.
46. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED ON ALL PAVED ISLANDS.
47. ALL PEDESTRIAN RAMPS SHALL BE 6 FT. WIDE MINIMUM OR AS SHOWN ON PLANS.
48. 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 AND WORK REQUIRED BY THE DETAILS.
49. ALL RECONSTRUCTED RAMPS SHALL BE ADA COMPLIANT.
50. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING AND MAINTAINING ALL APPROPRIATE EROSION CONTROL MEASURES, IN ACCORDANCE WITH THE MAINE DOT BEST MANAGEMENT PRACTICES (BMP'S).
51. THE CONTRACTOR SHALL CONTACT DIG-SAFE AND APPROPRIATE AUTHORITIES PRIOR TO ANY SUBSURFACE ACTIVITIES.
52. UNDERGROUND POWER IS PRESENT ALONG HAMPSHIRE STREET FROM TURNER STREET TO PEARL STREET. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING WITH CMP PRIOR TO ANY EXCAVATION WORK.
53. CONTRACTOR SHALL COORDINATE WITH CITY AND PROPERTY OWNER TO DETERMINE FINAL CURB LAYOUT AND DRIVE OPENING AT GOWELL'S MARKET (STA. 14+50 LT) PRIOR TO ANY WORK IN THIS AREA. ADJUSTMENTS IN THE FIELD MAY BE REQUIRED.
54. SEE LIGHTING AND LANDSCAPING PLANS FOR SPECIFICS ON LIGHTING AND LANDSCAPING REQUIREMENTS.
55. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE INSPECTOR.
56. STATIONS REFERENCED ARE APPROXIMATE.
57. THE CONTRACTOR SHALL REPLACE NUMEROUS WATER SERVICE LINES AS PART OF THIS PROJECT. SEE SUPPLEMENTAL SPECIFICATION SECTION 830 FOR SPECIFICS ON WATER SERVICE LINE WORK REQUIREMENTS.
58. CONTRACTOR SHALL NOTE THAT CDBG FUNDS HAVE BEEN ALLOCATED TO THIS PROJECT AND SHALL BE USED FOR THE SIDEWALK IMPROVEMENTS. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
59. 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. THIS INFORMATION IS NOT TO BE RELIED UPON 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. THE ENGINEER HAS COORDINATED THE PROPOSED WORK WITH THE AFFECTED UTILITY COMPANIES TO ARRANGE FOR REQUIRED RELOCATION OF KNOWN FACILITIES. 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:

<p>AT&T ATTN: ALICE COUGHLAN 45 FOREST AVENUE PORTLAND, ME 04101 (207)879-5050 acoughlan@att.com</p> <p>AUBURN WATER & SEWERAGE DISTRICT ATTN: SID HAZELTON P.O. BOX 414 AUBURN, ME 04212-0414 (207)784-6469 shazelton@awasd.org</p> <p>BUCKEYE PARTNERS ATTN: STEVEN WING (207)741-2404 swing@buckeye.com</p> <p>BROOKFIELD RENEWABLE ENERGY PARTNERS, L.P. ATTN: JOEL RANCOURT 28 WESTON STREET SKOWHEGAN, ME 04976 joel.rancourt@brookfieldrenewable.com</p> <p>CITY OF AUBURN ATTN: DENIS D'AUDEUIL 60 COURT STREET AUBURN, ME 04210 (207)333-6601 ddaudeuil@auburnmaine.gov</p> <p>CENTRAL MAINE POWER COMPANY ATTN: SKIP MCKAY 57 OLD WINTHROP ROAD AUGUSTA, ME 04330 (207)626-9445 maurice.mckay@cmppo.com</p> <p>FAIRPOINT COMMUNICATIONS ATTN: JIM MCLEAN 5 DAVIS FARM ROAD PORTLAND, ME 04103 (207)797-1745 mdot_requests@fairpoint.com</p> <p>MAINE CENTRAL RAILROAD COMPANY ATTN: TED KRUG 1700 IRON HORSE PARK NORTH BILLERICA, MA 01862-1681 (978)663-1108 tkrug@panam.com</p>	<p>OTT COMMUNICATIONS ATTN: JIM TAPLIN 56 CAMPUS DRIVE NEW GLOUCESTER, ME 04260 (207)688-8824 jim.taplin@ottcommunications.com</p> <p>OXFORD NETWORKS ATTN: MICHAEL ELLINGWOOD 491 LISBON STREET LEWISTON, ME 04240 (207)333-3471 mellingwood@oxfordnetworks.com</p> <p>REVOLUTION NETWORKS (NECAP) ATTN: MICHAEL ELLINGWOOD 491 LISBON STREET LEWISTON, ME 04240 (207)333-3471 mellingwood@oxfordnetworks.com</p> <p>TIME WARNER CABLE ATTN: PAUL OUELLETTE 37 ALFRED PLOURDE PARKWAY LEWISTON, ME 04240 (207)783-9902 paul.ouellette@twcable.com</p> <p>UNITIL CORP. ATTN: JOE RENDA 376 RIVERSIDE INDUSTRIAL PARKWAY PORTLAND, ME 04103 (207)541-2568 renda.j@unitil.com</p>
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<p>CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04210</p>	<p>AUBURN HAMPSHIRE STREET GENERAL NOTES</p>
<p>SHEET NUMBER</p> <p style="font-size: 2em; font-weight: bold;">2</p> <p>OF 62</p>	<p>RELATIONSHIPS. RESPONSIVENESS. RESULTS. www.gorrillpalmer.com 207.772.2515</p>

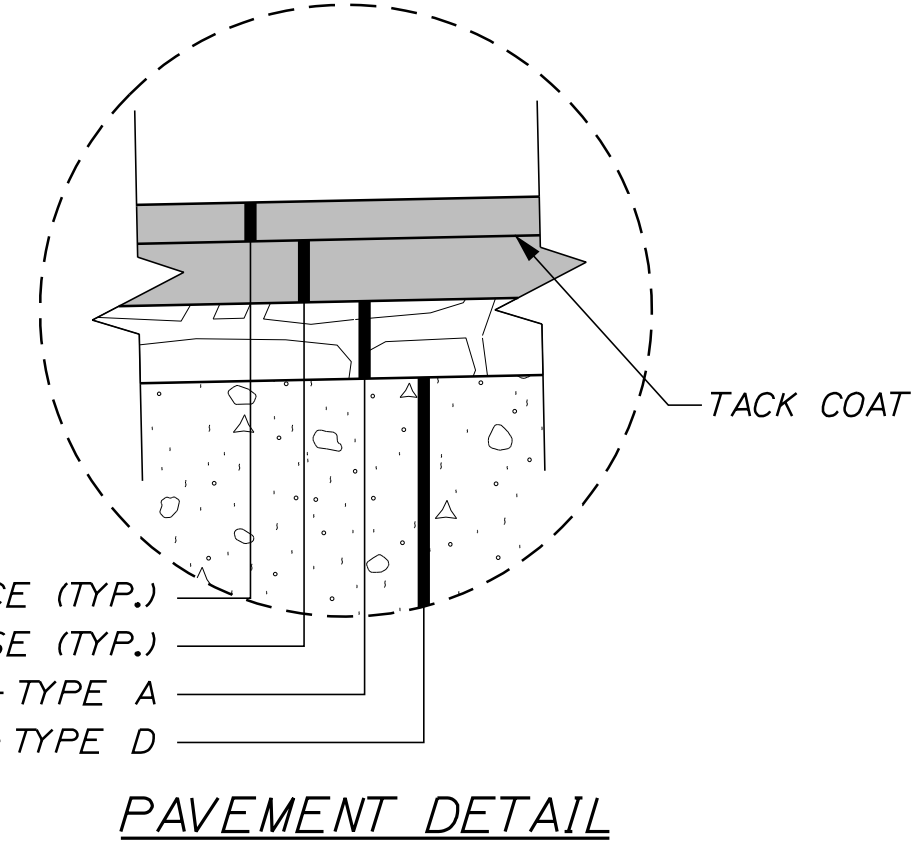


BACK CURB DETAIL #1
STA. 31+50 TO STA. 32+53

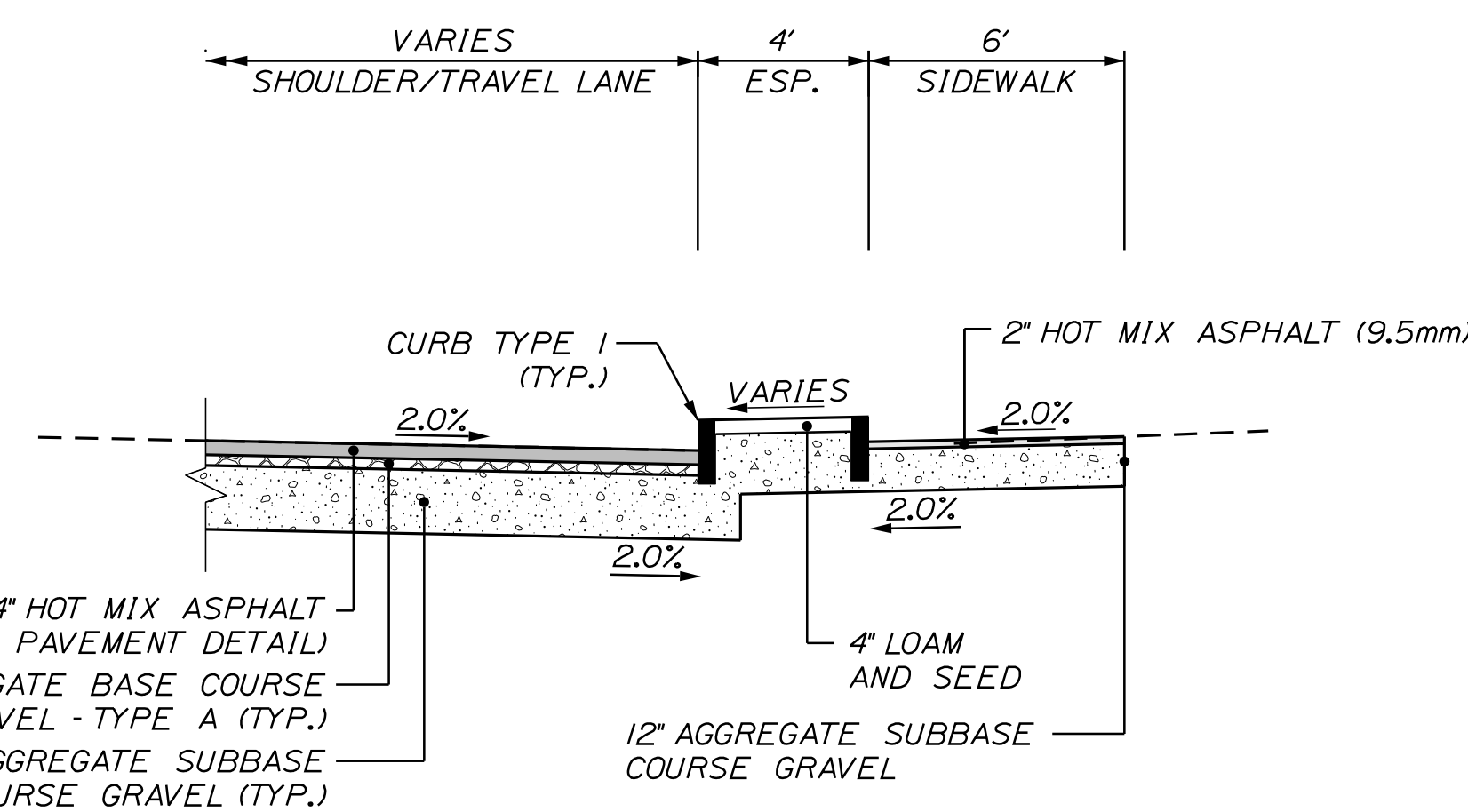


TYPICAL SECTION WITH ON-STREET PARKING

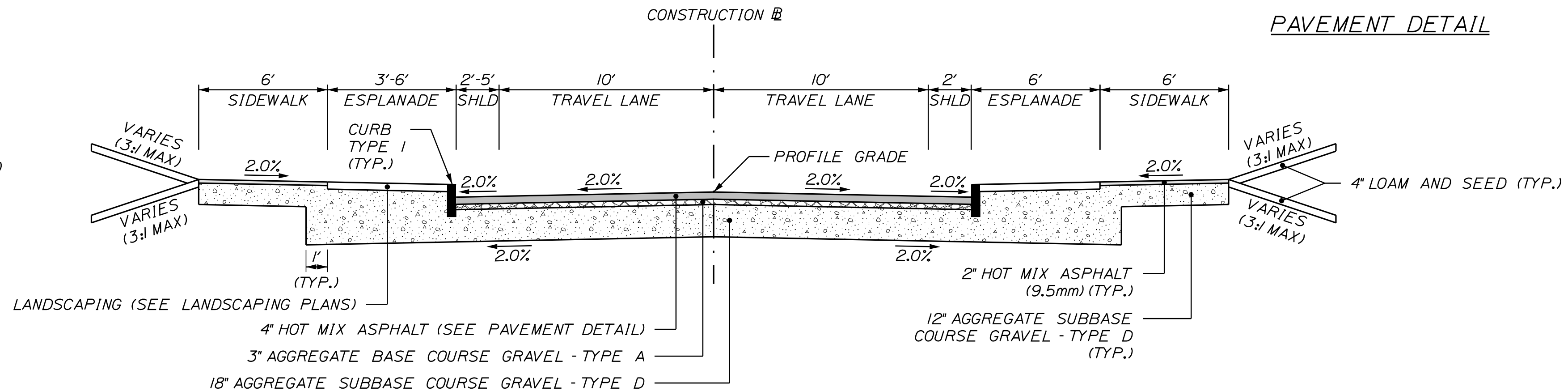
STA. 10+18 TO STA. 11+86
STA. 13+17 TO STA. 15+17
STA. 16+48 TO STA. 17+77
STA. 19+03 TO STA. 20+56
STA. 27+10 TO STA. 27+90
STA. 29+07 TO STA. 30+10



PAVEMENT DETAIL

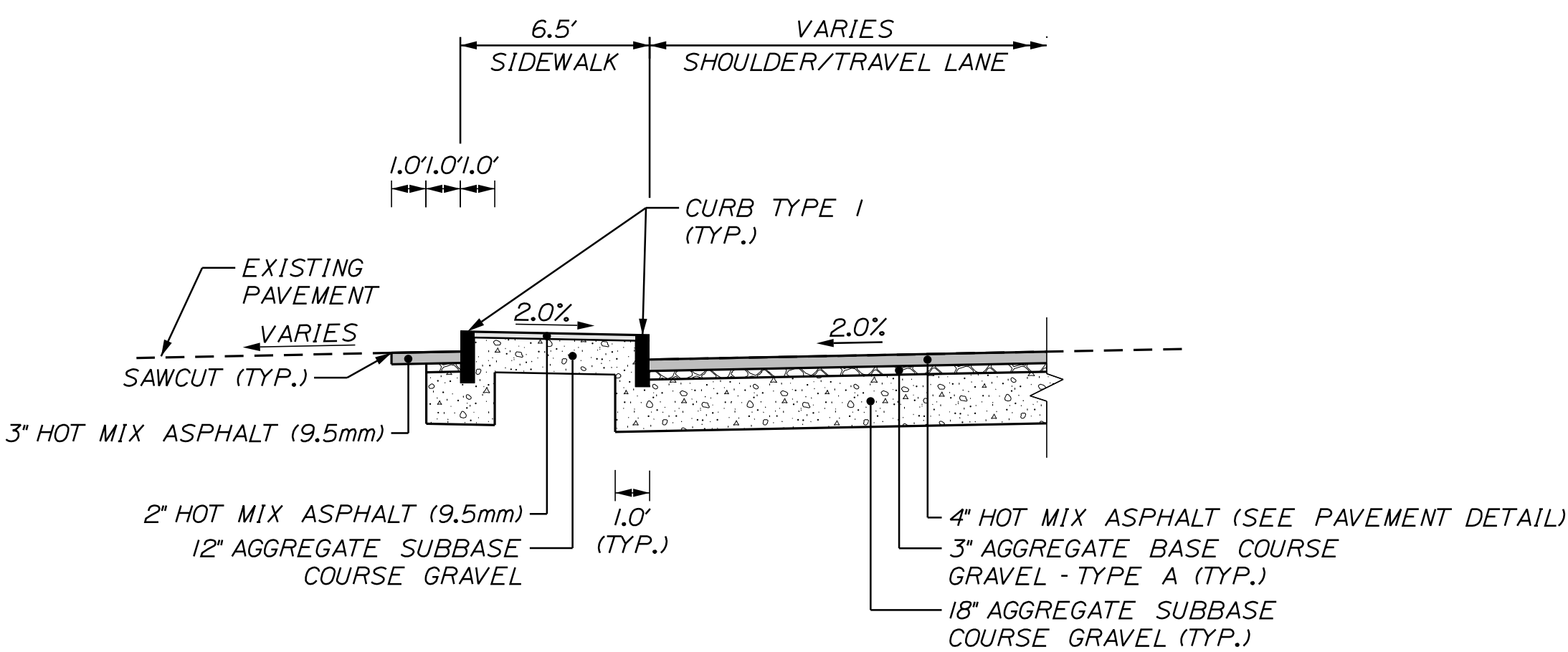


BACK CURB DETAIL #2
STA. 27+10 TO STA. 27+30

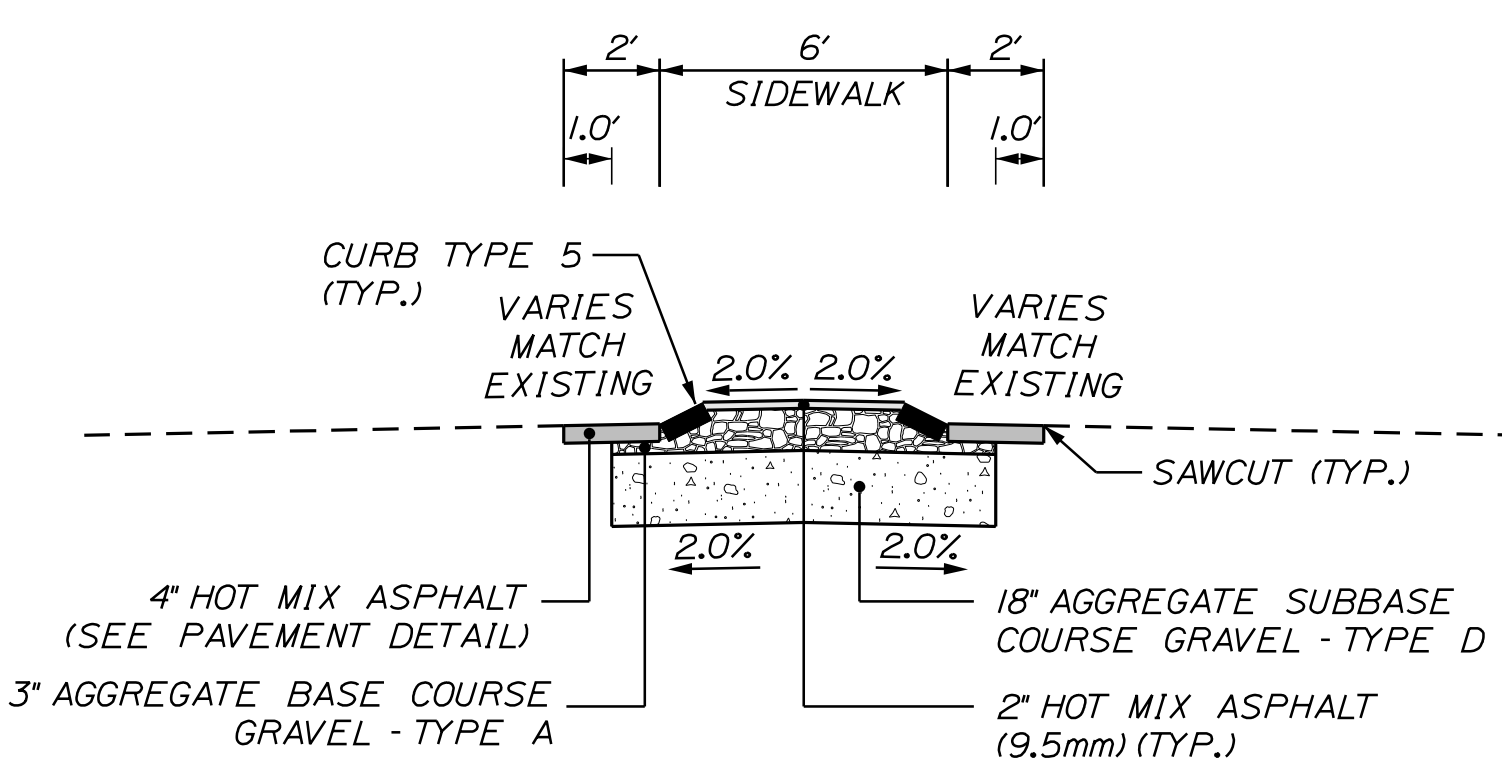


TYPICAL SECTION WITH CURB EXTENSIONS

STA. 11+86 TO STA. 13+17
STA. 15+17 TO STA. 16+48
STA. 17+77 TO STA. 19+03
STA. 26+05 TO STA. 26+11
STA. 27+02 TO STA. 29+07
STA. 30+10 TO STA. 31+14



BACK CURB DETAIL #3
STA. 24+30 TO STA. 24+50



REFUGEE ISLAND DETAIL
STA. 0+93 TO STA. 1+22

- 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. THE VERTICAL GRANITE CURB SHALL BE SET IN CONCRETE IN ACCORDANCE WITH SPECIAL PROVISION 609. PAYMENT FOR CONCRETE WORK SHALL BE UNDER ITEM 609.50.
 7. SIDEWALK AND ROADWAY CROSS SLOPES MAY VARY IN AREAS TO MINIMIZE PROPERTY IMPACTS. SEE CROSS SECTIONS FOR CROSS SLOPE REQUIREMENTS.
 8. CURB REVEAL MAY VARY IN AREAS TO MINIMIZE PROPERTY IMPACTS. SEE CROSS SECTIONS FOR LOCATIONS AND NOTES.

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED			
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
TYPICAL SECTIONS

SHEET NUMBER

3

OF 62

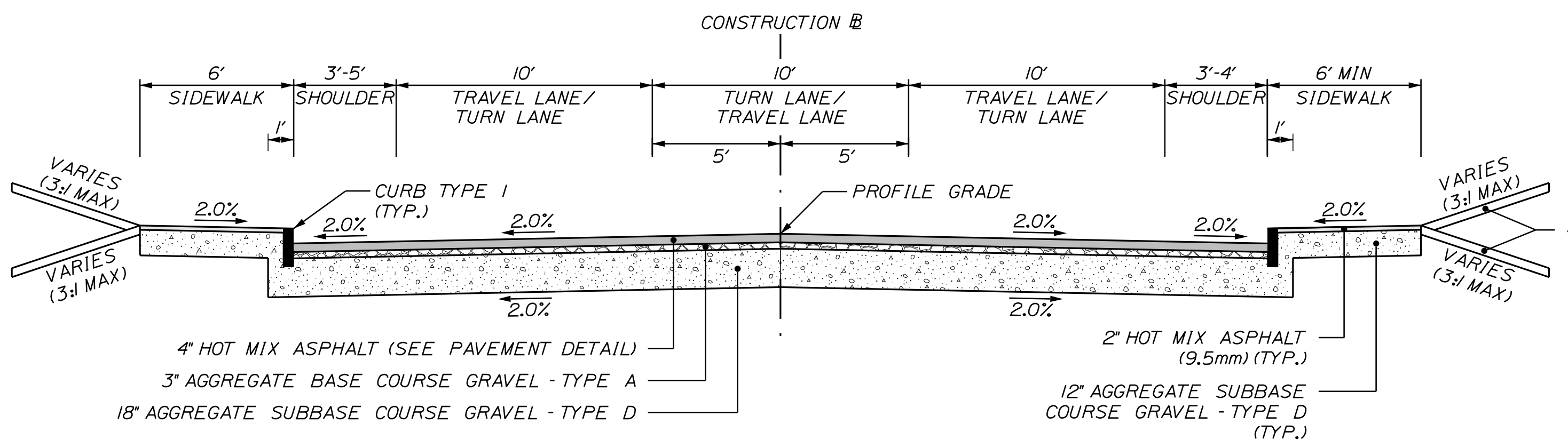
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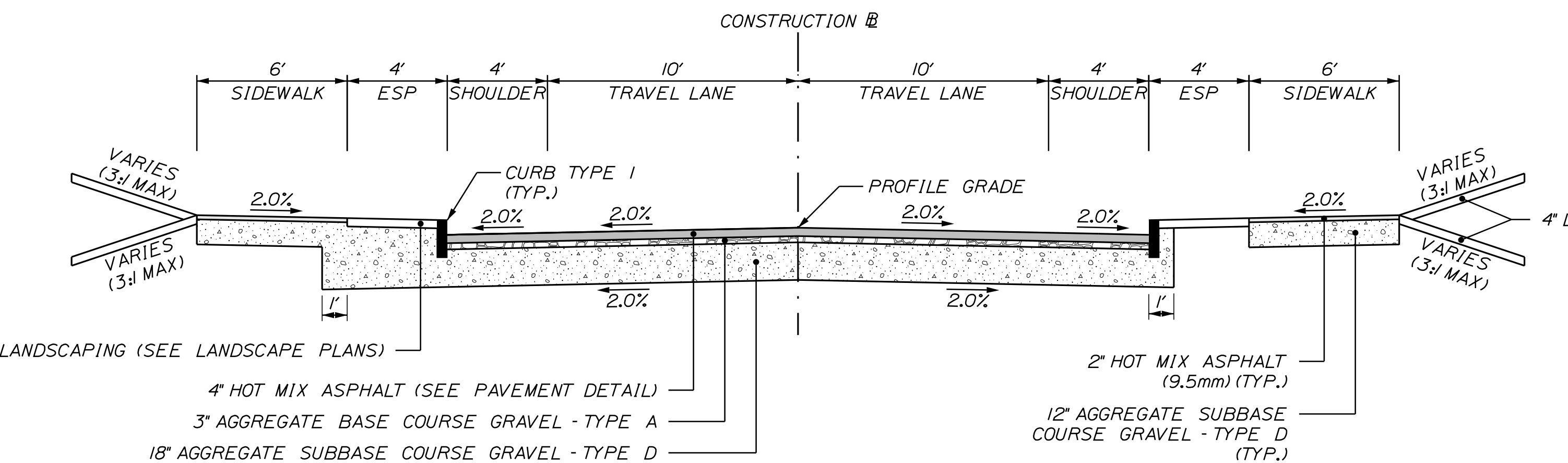
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Username: jared.winchenboch
Date: 2/2/2017

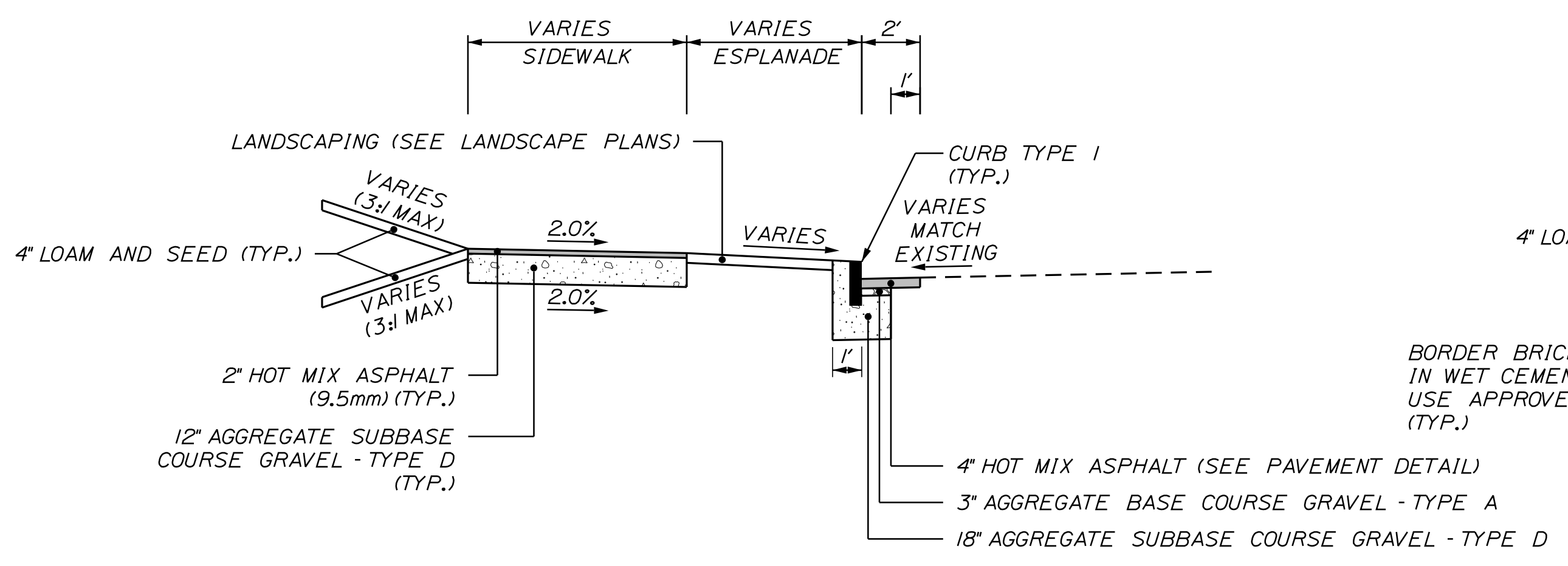
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 Username: jared.winchenbach
 Date: 2/2/2017



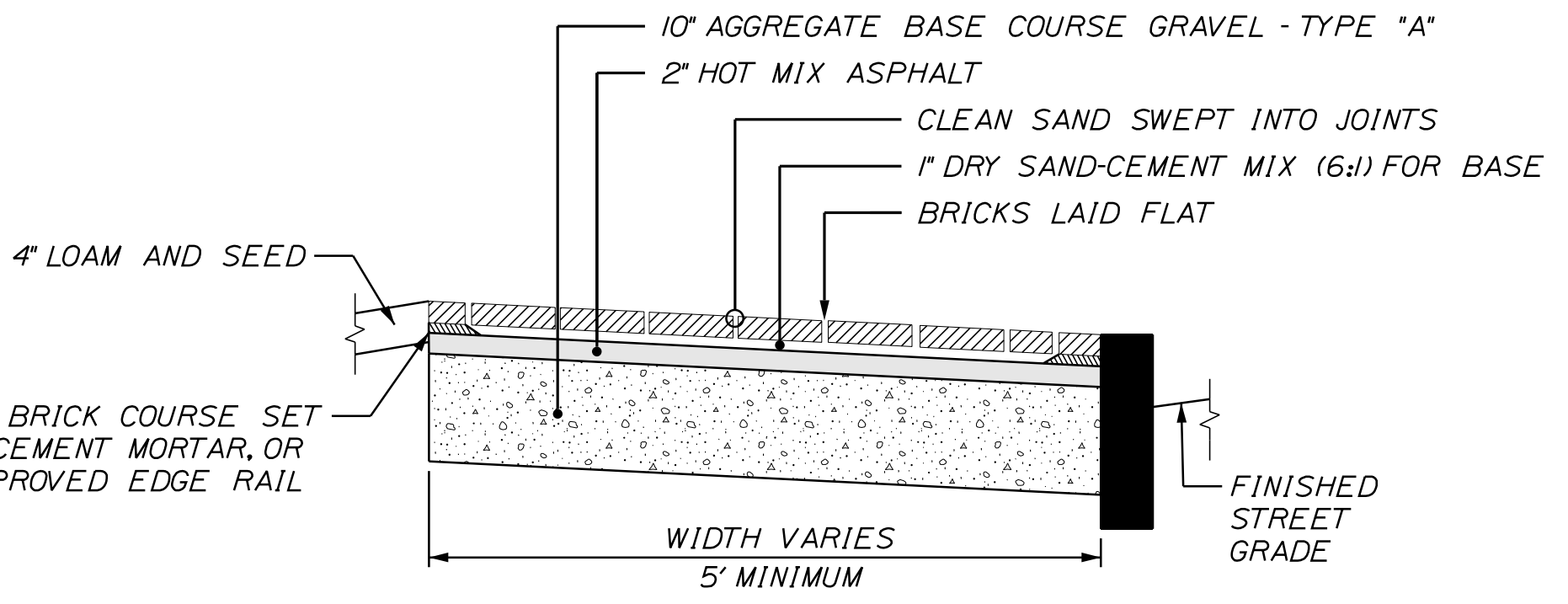
TYPICAL SECTION WITH TURN LANES
 STA. 20+56 TO STA. 22+78
 STA. 23+48 TO STA. 26+05
 STA. 31+14 TO STA. 33+19



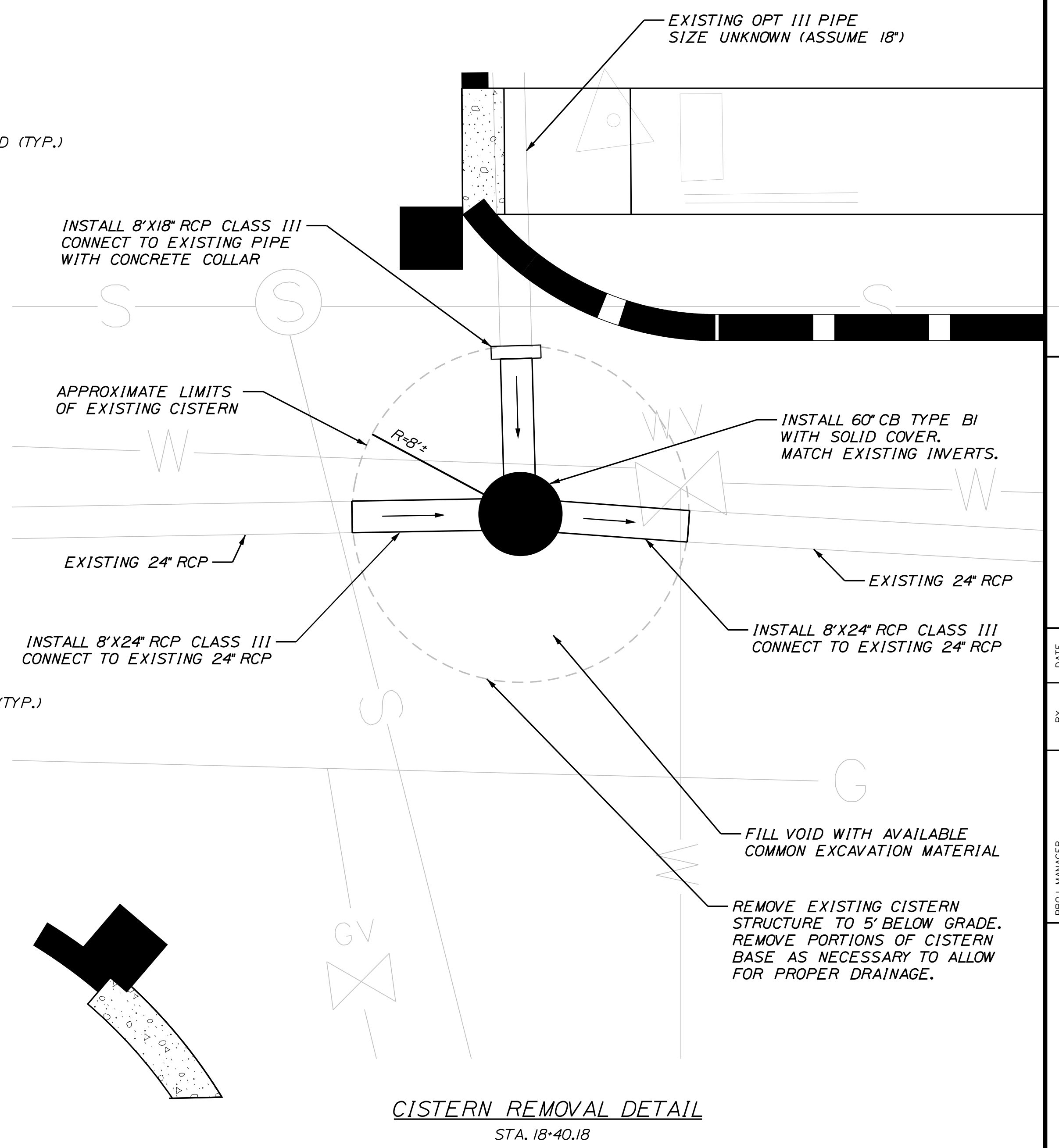
TYPICAL SECTION AT RAILROAD CROSSING
 STA. 26+05 TO STA. 27+10
 (FUTURE DESIGN)
 (SEE PLAN FOR LIMITS OF WORK)



BUMP OUT DETAIL AT TURNER STREET



BRICK SIDEWALK WITH BITUMINOUS BASE DETAIL
 STA. 22+32 TO STA. 22+63



NOTES:
 1. SEE PREVIOUS SHEET FOR NOTES

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
	JSW	12/16									
	DGE	12/16									

AUBURN
 HAMPSHIRE STREET
 TYPICAL SECTIONS

SHEET NUMBER

4

OF 62

NOT TO SCALE



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CURVE DATA #1
 PI = 10+29.99
 D = 81°51'04.0"
 Δ = 46°23'21.3" Rt.
 R = 70.00'
 L = 56.68'
 T = 29.99'
 E = 6.16'

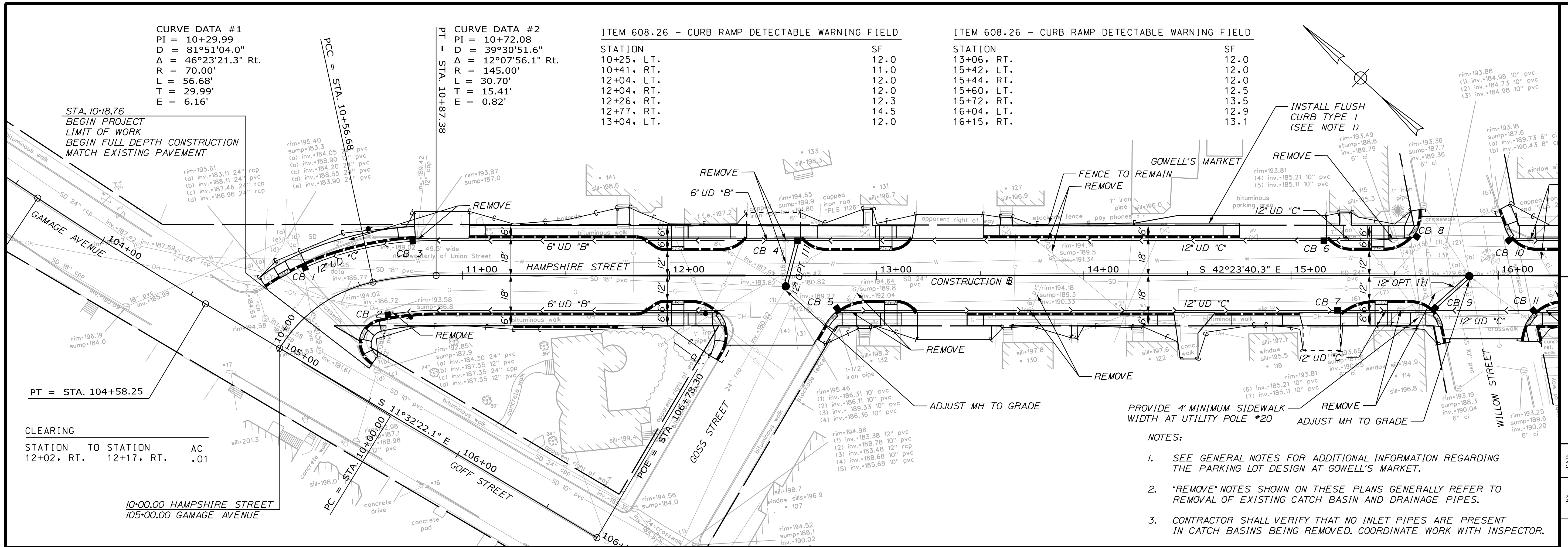
CURVE DATA #2
 PI = 10+72.08
 D = 39°30'51.6"
 Δ = 12°07'56.1" Rt.
 R = 145.00'
 L = 30.70'
 T = 15.41'
 E = 0.82'

ITEM 608.26 - CURB RAMP DETECTABLE WARNING FIELD

STATION	SF
10+25, LT.	12.0
10+41, RT.	11.0
12+04, LT.	12.0
12+04, RT.	12.0
12+26, RT.	12.3
12+77, RT.	14.5
13+04, LT.	12.0

ITEM 608.26 - CURB RAMP DETECTABLE WARNING FIELD

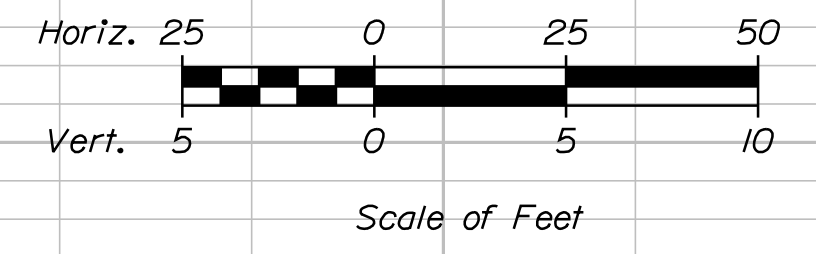
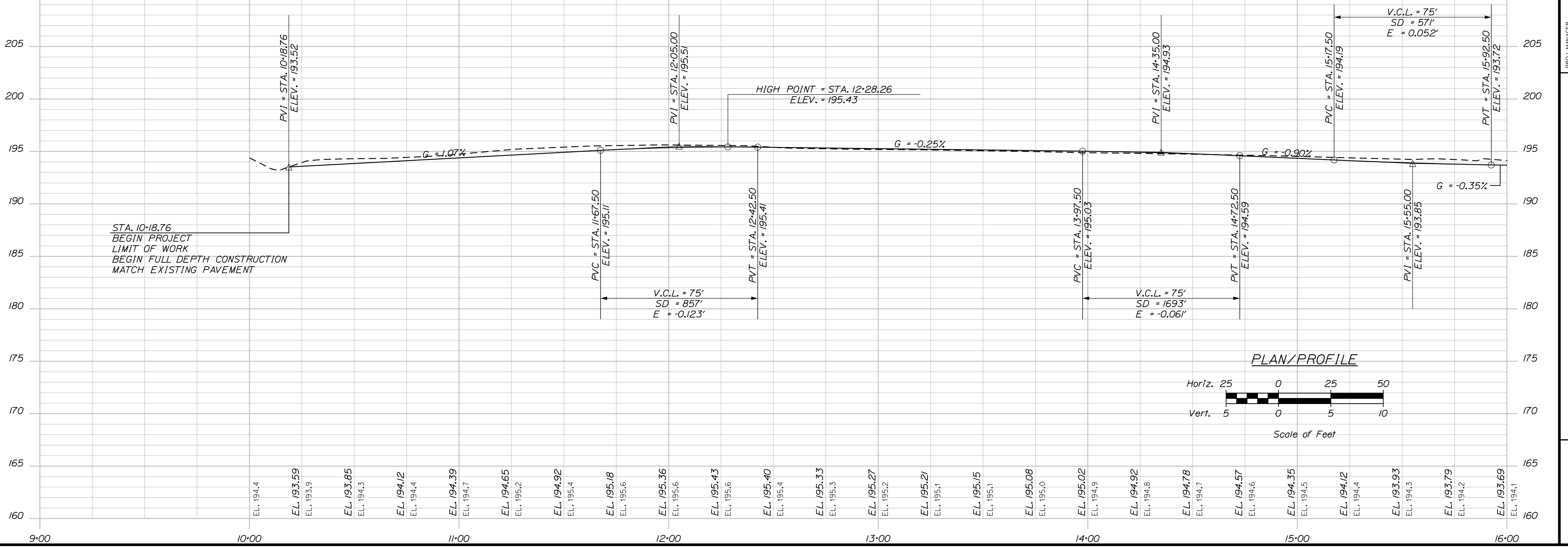
STATION	SF
13+06, RT.	12.0
15+42, LT.	12.0
15+44, RT.	12.0
15+60, LT.	12.5
15+72, RT.	13.5
16+04, LT.	12.9
16+15, RT.	13.1



CLEARING

STATION TO STATION	AC
12+02, RT. 12+17, RT.	.01

- NOTES:**
- SEE GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING THE PARKING LOT DESIGN AT GOWELL'S MARKET.
 - "REMOVE" NOTES SHOWN ON THESE PLANS GENERALLY REFER TO REMOVAL OF EXISTING CATCH BASIN AND DRAINAGE PIPES.
 - CONTRACTOR SHALL VERIFY THAT NO INLET PIPES ARE PRESENT IN CATCH BASINS BEING REMOVED. COORDINATE WORK WITH INSPECTOR.



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN DETAILED	12/16	JSW	12/16			
CHECKED-REVIEWED						
DESIGN DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

AUBURN HAMPSHIRE STREET

PLAN & PROFILE

SHEET NUMBER

5

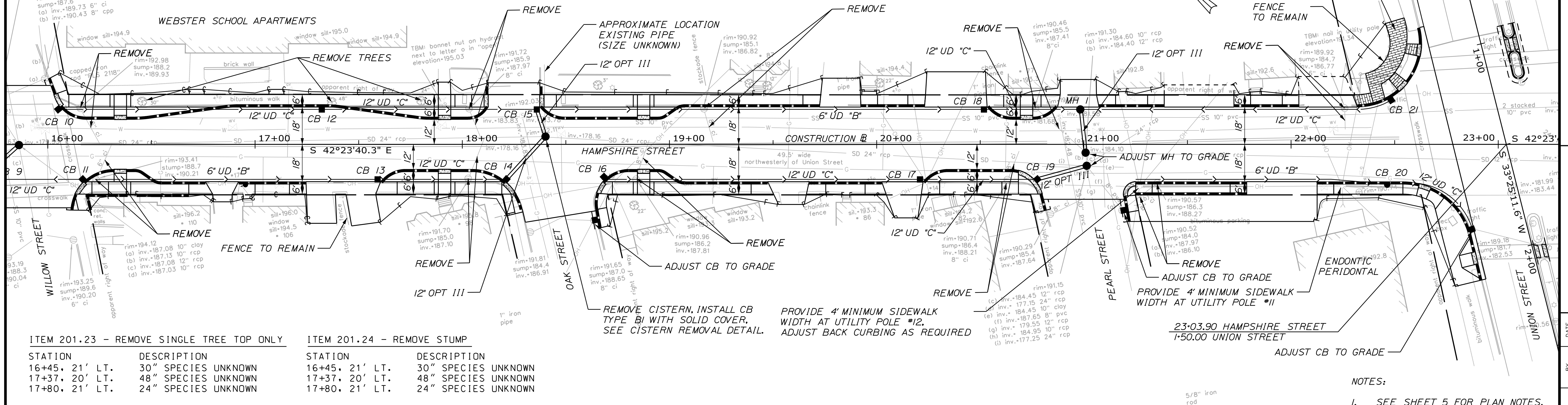
OF 62

ITEM 608.26 - CURB RAMP DETECTABLE WARNING FIELD

STATION	SF
16+35, RT.	12.0
16+35, LT.	12.0
17+91, LT.	12.0
17+91, RT.	12.0
18+13, LT.	12.0
18+37, LT.	12.0
18+24, RT.	13.9
18+66, RT.	11.5

STATION	SF
18+88, RT.	12.0
18+88, LT.	12.0
20+72, LT.	12.0
20+76, RT.	30.9
21+20, RT.	17.3
22+54, LT.	11.6
22+65, RT.	11.6
0+96, RT.	11.6

STATION	SF
1+04, LT.	12.0
1+04, RT.	12.0
2+00, RT.	12.0
2+04, LT.	12.4
2+05, LT.	12.4



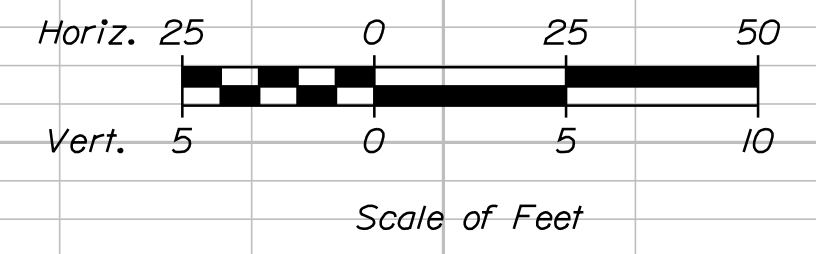
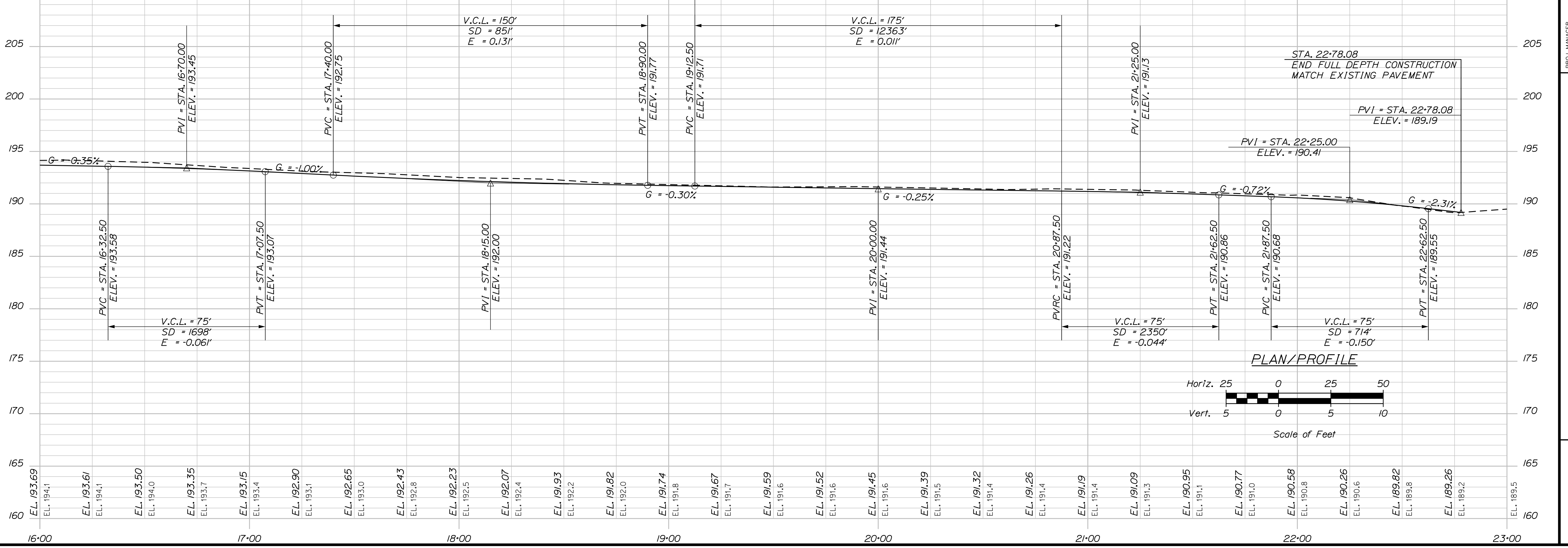
ITEM 201.23 - REMOVE SINGLE TREE TOP ONLY

STATION	DESCRIPTION
16+45, 21' LT.	30" SPECIES UNKNOWN
17+37, 20' LT.	48" SPECIES UNKNOWN
17+80, 21' LT.	24" SPECIES UNKNOWN

ITEM 201.24 - REMOVE STUMP

STATION	DESCRIPTION
16+45, 21' LT.	30" SPECIES UNKNOWN
17+37, 20' LT.	48" SPECIES UNKNOWN
17+80, 21' LT.	24" SPECIES UNKNOWN

NOTES:
1. SEE SHEET 5 FOR PLAN NOTES.

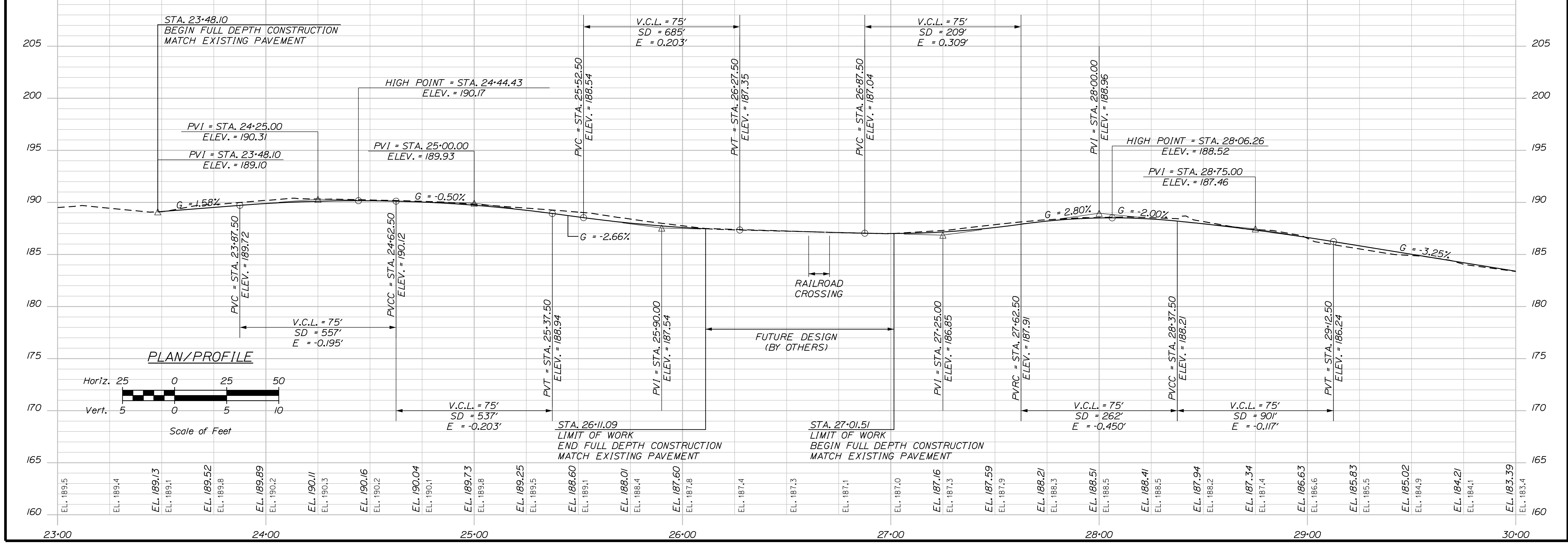
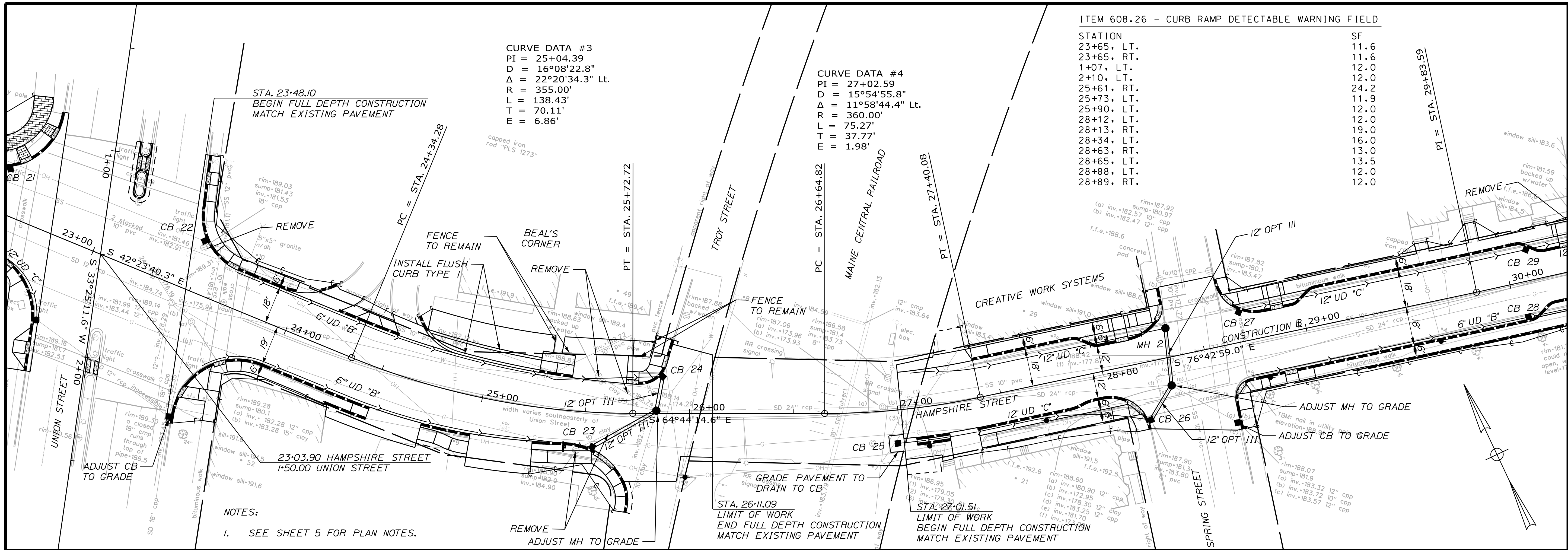


CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

AUBURN HAMPSHIRE STREET
PLAN & PROFILE

PROJ. MANAGER	DATE	BY	DATE	DESIGN CHECKED	DATE	DESIGNED	DATE	REVISIONS	DATE	FIELD CHANGES
JSW	12/16	JSW	12/16	DGE				1		
								2		
								3		
								4		

SHEET NUMBER
6
OF 62



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED	DGE		
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN HAMPSHIRE STREET
PLAN & PROFILE

SHEET NUMBER **7**

OF 62

ITEM 608.26 - CURB RAMP DETECTABLE WARNING FIELD

STATION	SF
30+30 LT.	12.0
30+31. RT.	12.0
30+52. LT.	14.3
30+56. RT.	13.4
31+05. LT.	23.0
31+08. RT.	22.0
33+12. RT.	15.8
202+91. RT.	23.0

CURVE DATA #5
 PI = 33+05.31
 D = 28°38'52.4"
 Δ = 28°52'41.7" Lt.
 R = 200.00'
 L = 100.80'
 T = 51.50'
 E = 6.52'

CB 36 - STA. 202+53.53, 20.57' RT
 INSTALL CB TYPE AI-C
 RIM ELEV. = 158.30
 INV. IN = UNKNOWN (EXIST. 12" CMP)
 INV. OUT = 150.11 (12" OPT III)

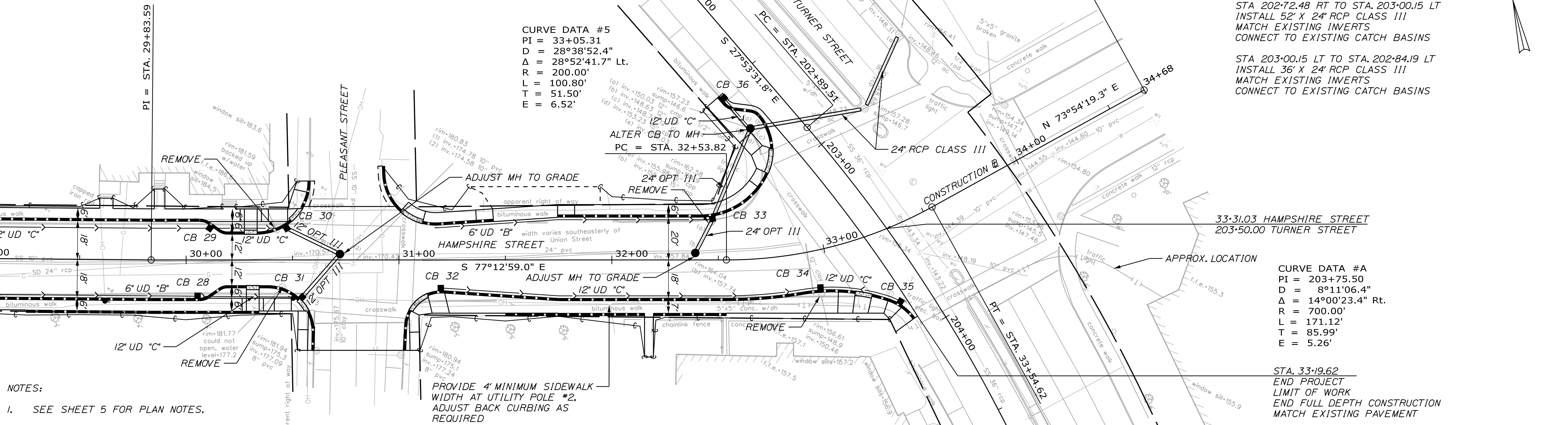
STA. 202+53.53 RT TO STA. 202+72.48 RT
 INSTALL 15' X 12" UD "C"

STA 202+72.48 RT TO STA. 203+00.15 LT
 INSTALL 52' X 24" RCP CLASS III
 MATCH EXISTING INVERTS
 CONNECT TO EXISTING CATCH BASINS

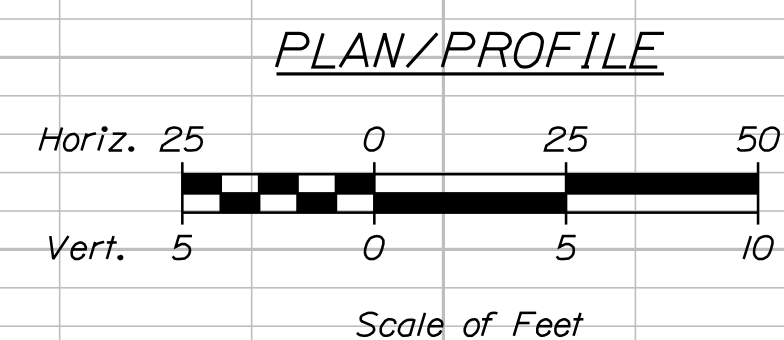
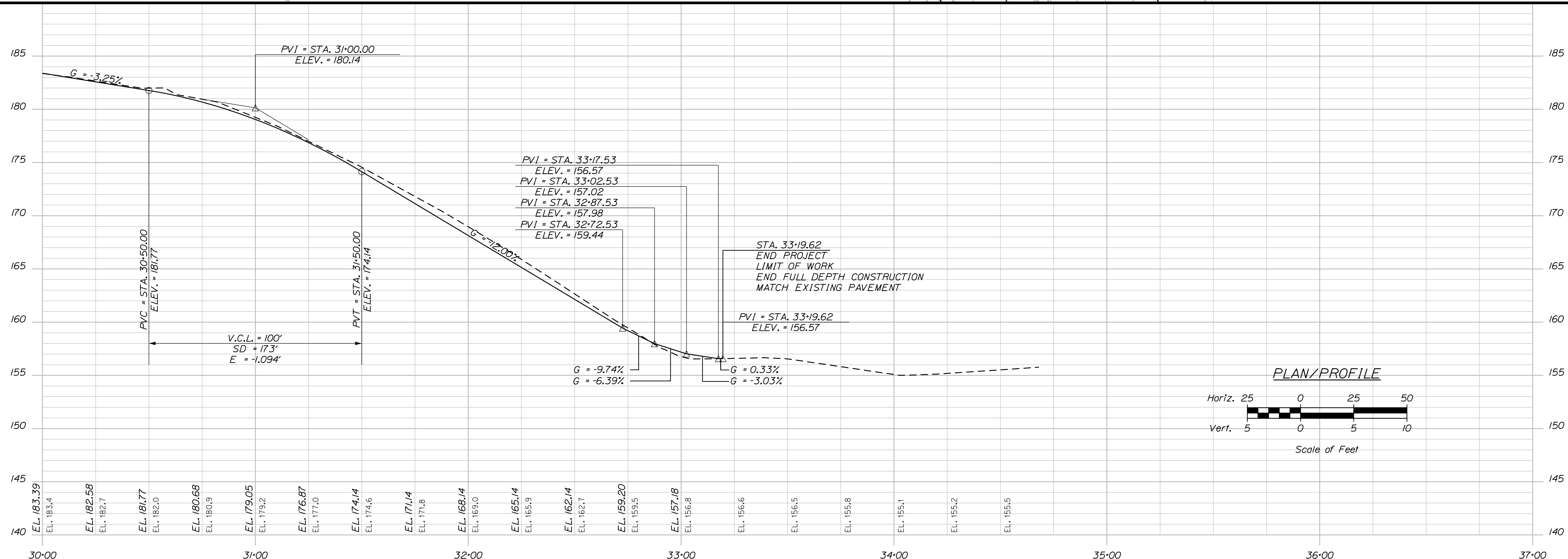
STA 203+00.15 LT TO STA. 202+84.19 LT
 INSTALL 36' X 24" RCP CLASS III
 MATCH EXISTING INVERTS
 CONNECT TO EXISTING CATCH BASINS

CURVE DATA #A
 PI = 203+75.50
 D = 8°11'06.4"
 Δ = 14°00'23.4" Rt.
 R = 700.00'
 L = 171.12'
 T = 85.99'
 E = 5.26'

STA. 33+19.62
 END PROJECT
 LIMIT OF WORK
 END FULL DEPTH CONSTRUCTION
 MATCH EXISTING PAVEMENT



NOTES:
 1. SEE SHEET 5 FOR PLAN NOTES.



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

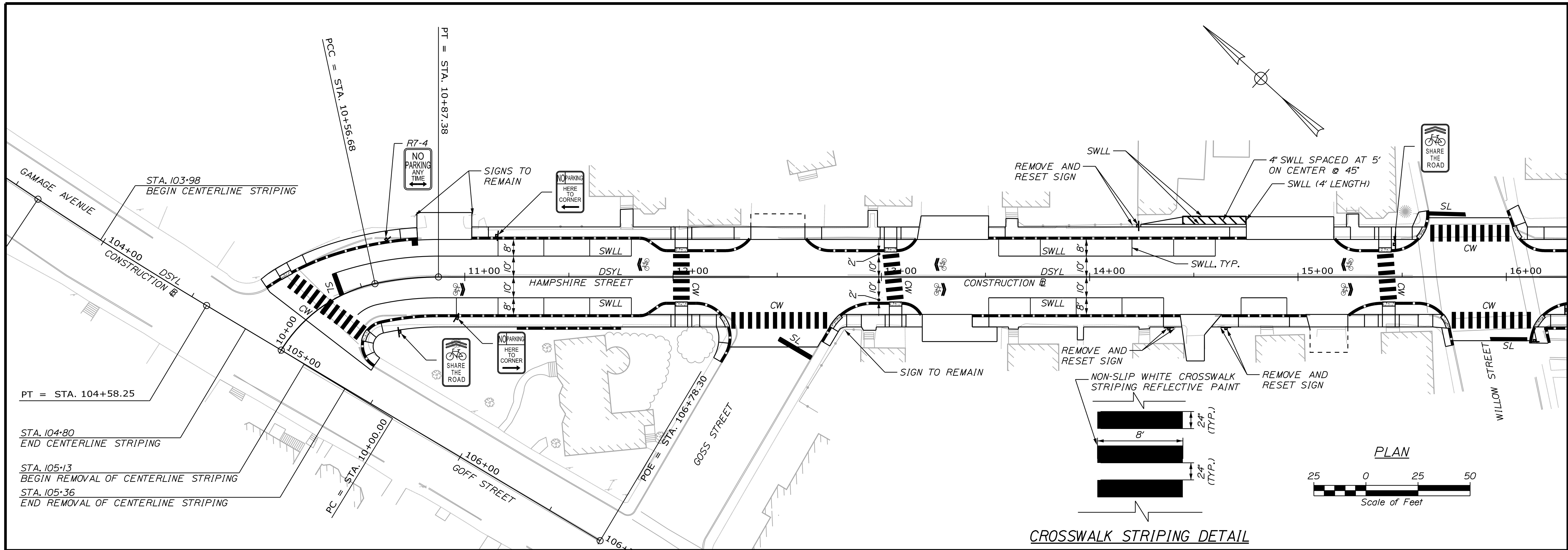
PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED	DGE		
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
 HAMPSHIRE STREET
 PLAN & PROFILE

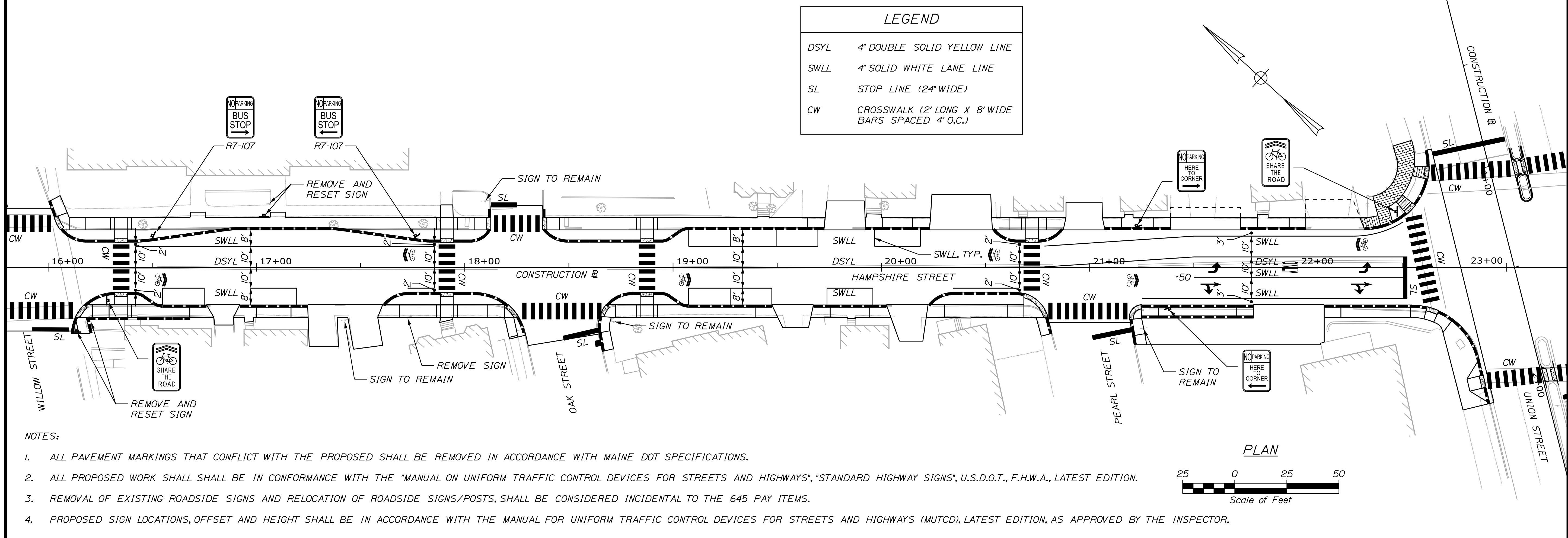
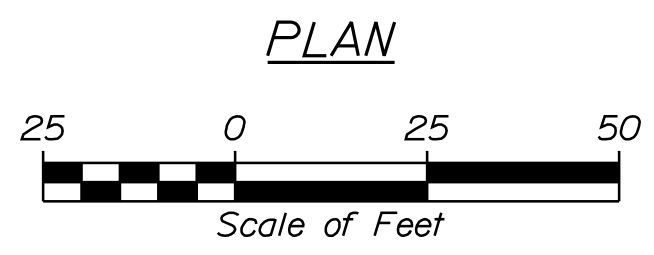
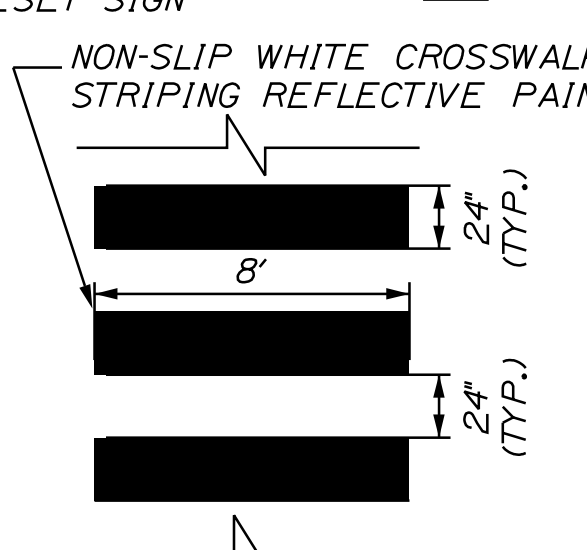
SHEET NUMBER
 8
 OF 62

Username: jared.winchenbach Date: 2/2/2017
 Division: HIGHWAY
 Filename: ... \000\Highway\008_HDPlan4.dgn

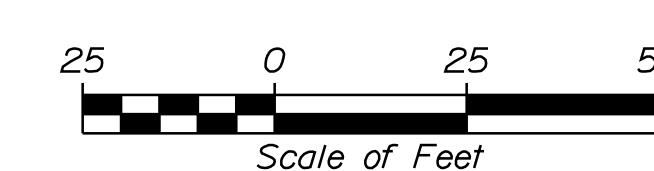
Filename: ...:\00\Highway\009_SHDP\01.dgn Division: HIGHWAY Username: jared.winchenboch Date: 1/25/2017



CROSSWALK STRIPING DETAIL



LEGEND	
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SL	STOP LINE (24" WIDE)
CW	CROSSWALK (2' LONG X 8' WIDE BARS SPACED 4' O.C.)



NOTES:

- ALL PAVEMENT MARKINGS THAT CONFLICT WITH THE PROPOSED SHALL BE REMOVED IN ACCORDANCE WITH MAINE DOT SPECIFICATIONS.
- 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.
- REMOVAL OF EXISTING ROADSIDE SIGNS AND RELOCATION OF ROADSIDE SIGNS/POSTS, SHALL BE CONSIDERED INCIDENTAL TO THE 645 PAY ITEMS.
- PROPOSED SIGN LOCATIONS, OFFSET AND HEIGHT SHALL BE IN ACCORDANCE WITH THE MANUAL FOR UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS (MUTCD), LATEST EDITION, AS APPROVED BY THE INSPECTOR.

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

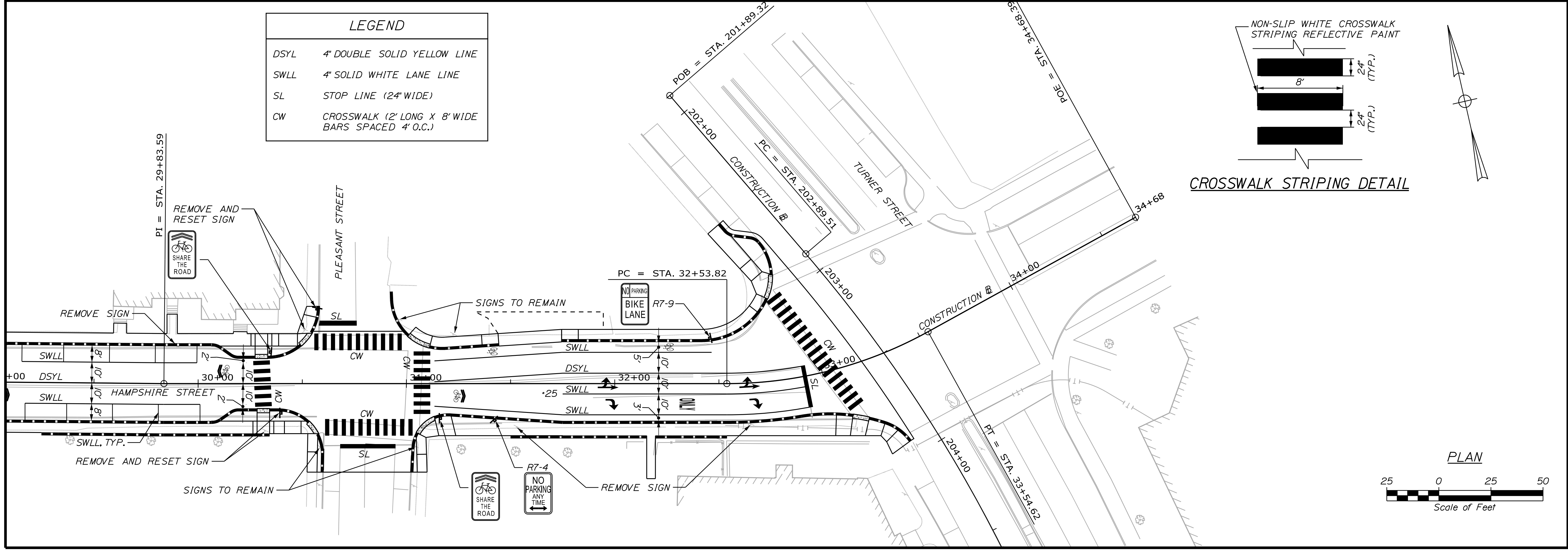
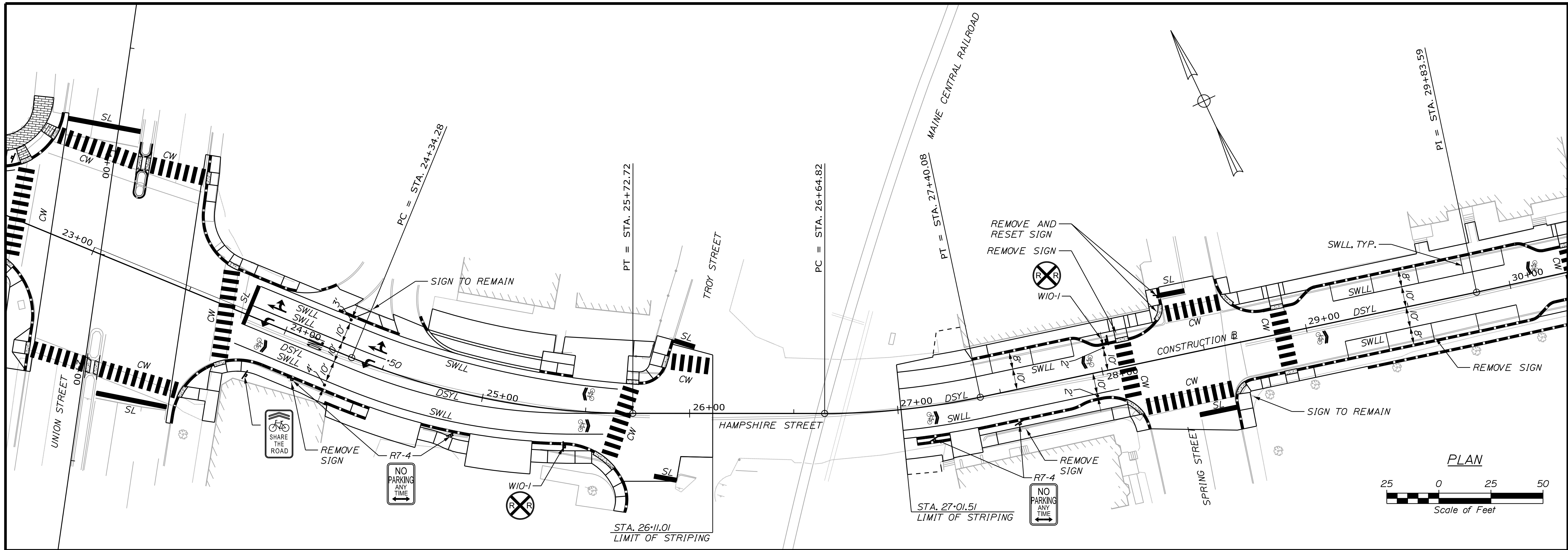
PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED JSW	12/16	JSW	12/16
CHECKED-REVIEWED DGE			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
SIGNING AND STRIPING PLAN

SHEET NUMBER

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OF 62



LEGEND	
DSYL	4" DOUBLE SOLID YELLOW LINE
SWLL	4" SOLID WHITE LANE LINE
SL	STOP LINE (24" WIDE)
CW	CROSSWALK (12' LONG X 8' WIDE BARS SPACED 4' O.C.)

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED JSW	12/16	JSW	12/16
CHECKED-REVIEWED DJE			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
SIGNING AND STRIPING PLAN

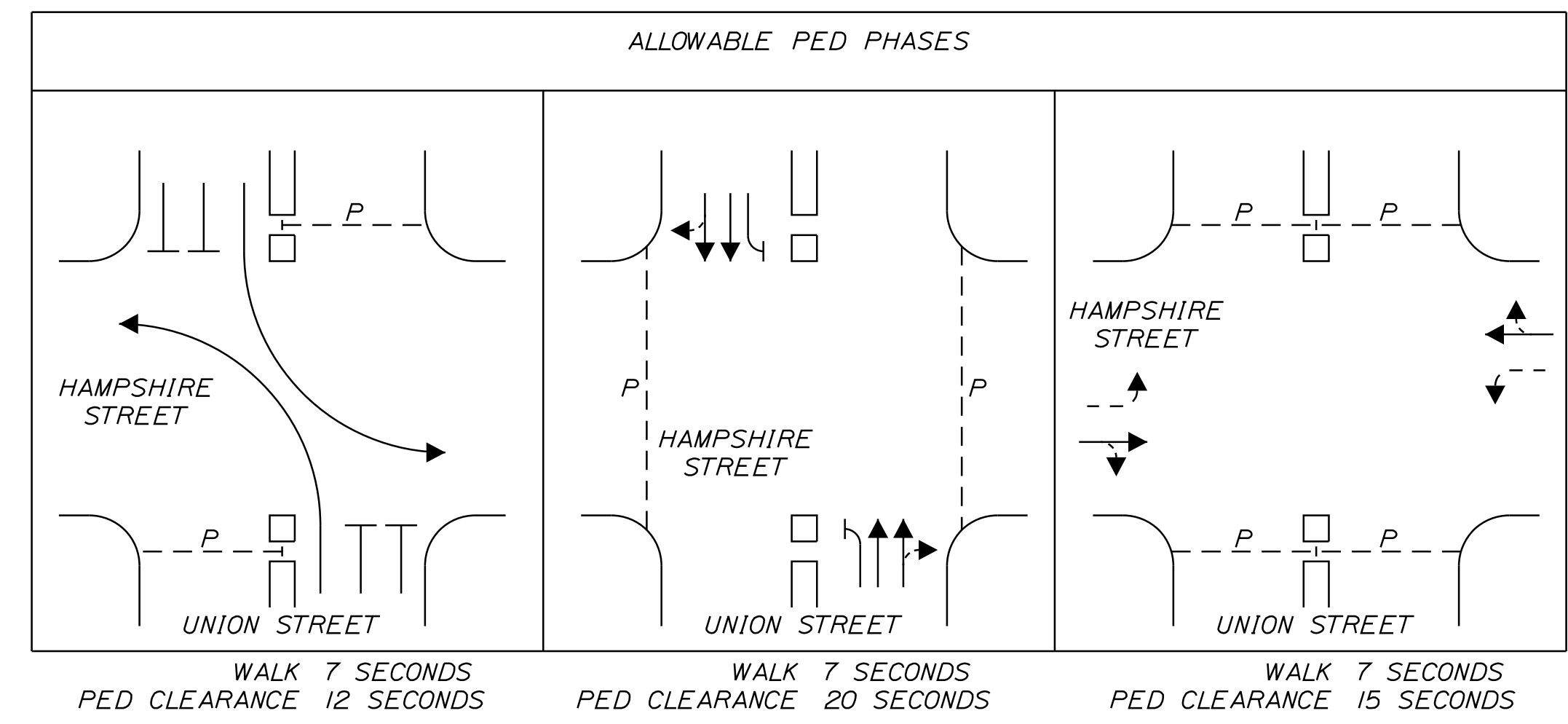
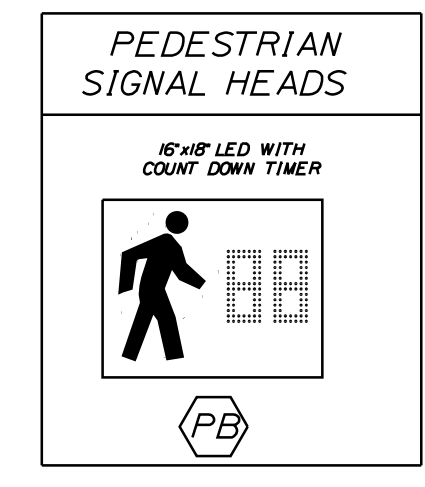
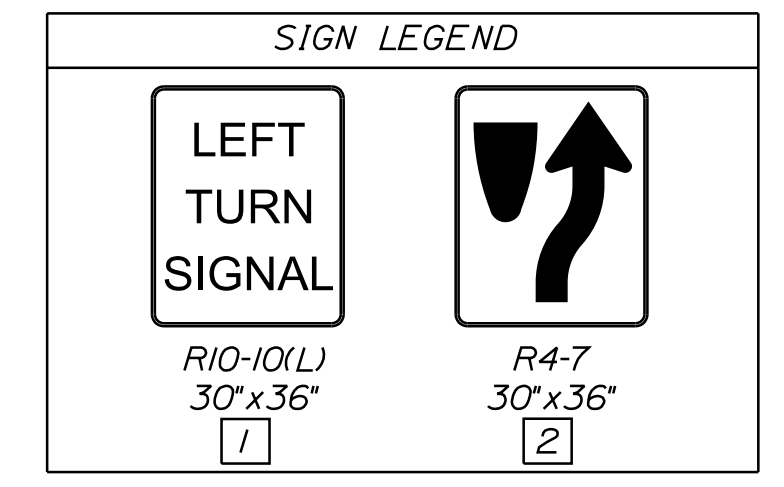
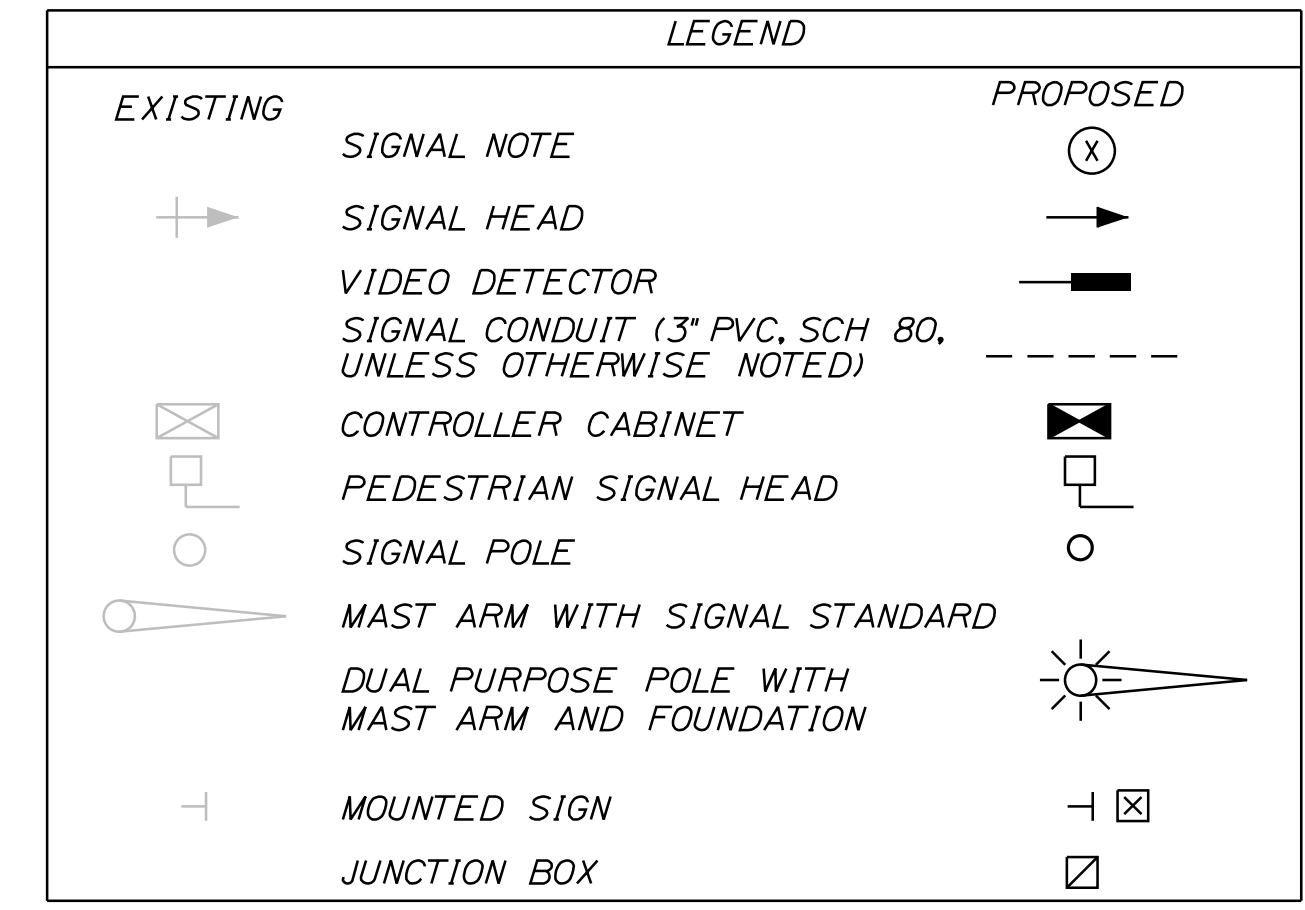
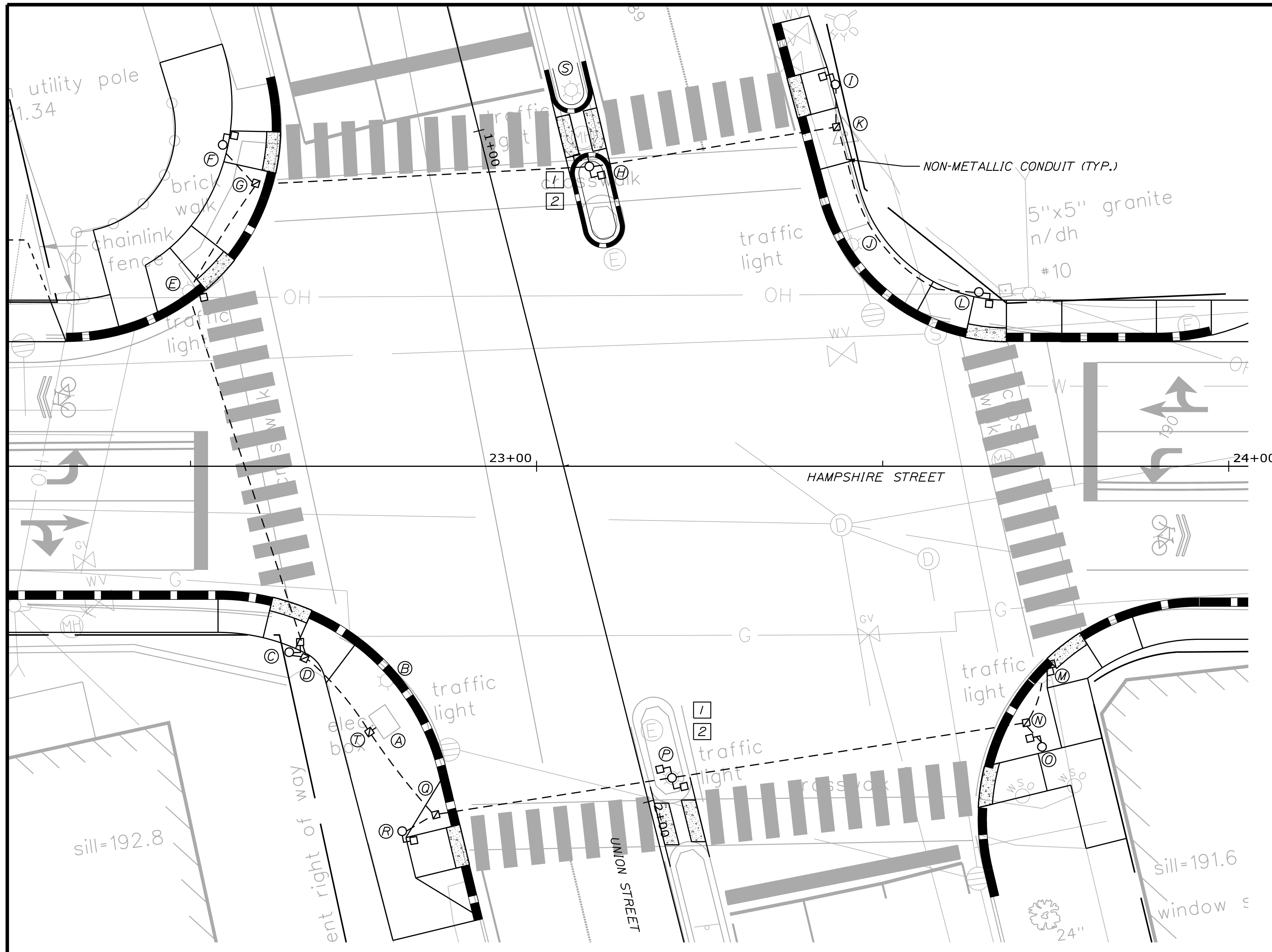
SHEET NUMBER
10
OF 62

Date: 1/10/2017

Username: jwinchenbach

Division: HIGHWAY

Filename: ...\\000\Highway\011_SignalPlan1.dgn

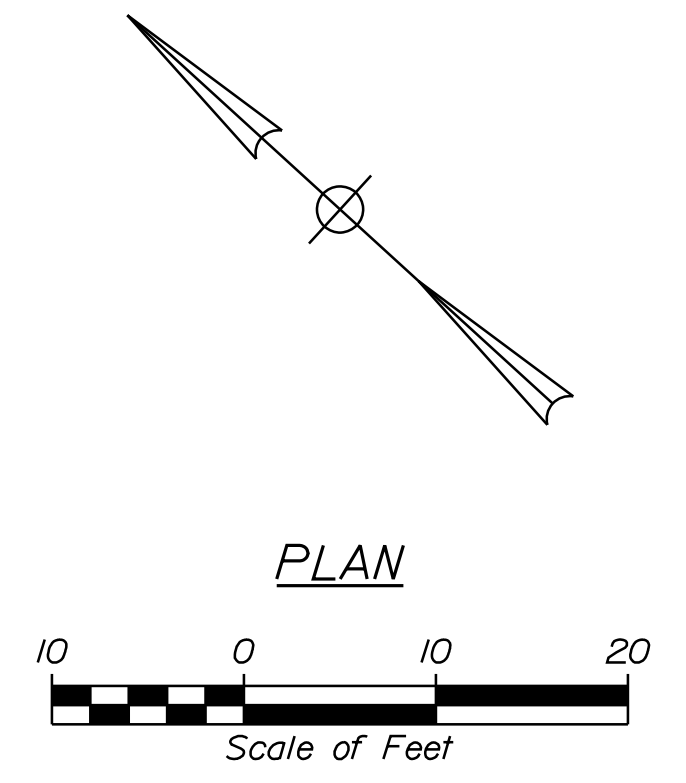


NOTE: OVERALL VEHICULAR TIMING/PHASING SHALL REMAIN UNCHANGED.

EQUIPMENT SCHEDULE			
DESIGNATION	ITEM	DESCRIPTION	LOCATION *
A	EXISTING CONTROLLER CABINET		22+78.0, 36.9' RT.
B, J	EXISTING MAST ARM	REMOVE EXISTING PEDESTRIAN COUNT DOWN HEAD, PUSH BUTTON AND SIGN	22+78.4, 30.9' RT., 23+45.6, 32.0' LT.
C, F, I, L, O, R	PEDESTAL POLE	PEDESTRIAN COUNT DOWN HEAD, PUSH BUTTON AND SIGN, PEDESTAL POLE, CONCRETE FOUNDATION	22+64.3, 26.9' RT., 0+92.9, 36.4' RT., 1+06.1, 51.6' LT., 23+63.9, 25.2' LT., 2+06.3, 57.1' LT., 1+95.4, 35.5' RT.
D, G, K, N, Q, T	JUNCTION BOX	PRECAST CONCRETE	LOCATIONS ON PLAN ARE APPROXIMATE
E, M	EXISTING MAST ARM	REMOVE EXISTING PEDESTRIAN COUNT DOWN HEAD, PUSH BUTTON AND SIGN. INSTALL NEW PEDESTRIAN COUNT DOWN HEAD, PUSH BUTTON AND SIGN	22+49.8, 25.3' LT., 23+72.9, 30.4' RT.
H	PEDESTAL POLE WITH TWO PEDESTRIAN COUNT DOWN HEADS	INSTALL NEW SIGNAL HEAD, TRAFFIC SIGNS, TWO PEDESTRIAN COUNT DOWN HEADS, PUSH BUTTONS AND SIGNS, PEDESTAL POLE ON NEW CONCRETE FOUNDATION. EACH DIRECTION SHALL HAVE ITS OWN PUSH BUTTON WITH VERBAL QUEUE AS TO WHAT DIRECTION IS ALLOWED TO WALK.	1+08.9, 14.2' LT.
P	PEDESTAL POLE WITH TWO PEDESTRIAN COUNT DOWN HEADS	INSTALL NEW SIGNAL HEAD, TRAFFIC SIGNS, TWO PEDESTRIAN COUNT DOWN HEADS, PUSH BUTTONS AND SIGNS, PEDESTAL POLE ON EXISTING CONCRETE FOUNDATION. EACH DIRECTION SHALL HAVE ITS OWN PUSH BUTTON WITH VERBAL QUEUE AS TO WHAT DIRECTION IS ALLOWED TO WALK.	1+97.5, 4.2' LT.
S	EXISTING SIGNAL POLE	REMOVE EXISTING SIGNAL POLE	0+97.5, 14.4' LT.

* STATION AND OFFSET INFORMATION IS APPROXIMATE. EQUIPMENT LOCATION TO BE FIELD ADJUSTED BY RESIDENT, MAINEDOT, OR CITY AS DIRECTED.

NOTE: ADJUST ALL VEHICLE DETECTION ZONES AS NEEDED.



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN DETAILED JSW	12/16	JSW	12/16			
CHECKED/REVIEWED DJE						
DESIGN DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

AUBURN
HAMPSHIRE STREET
UNION STREET SIGNAL PLAN

SHEET NUMBER

11

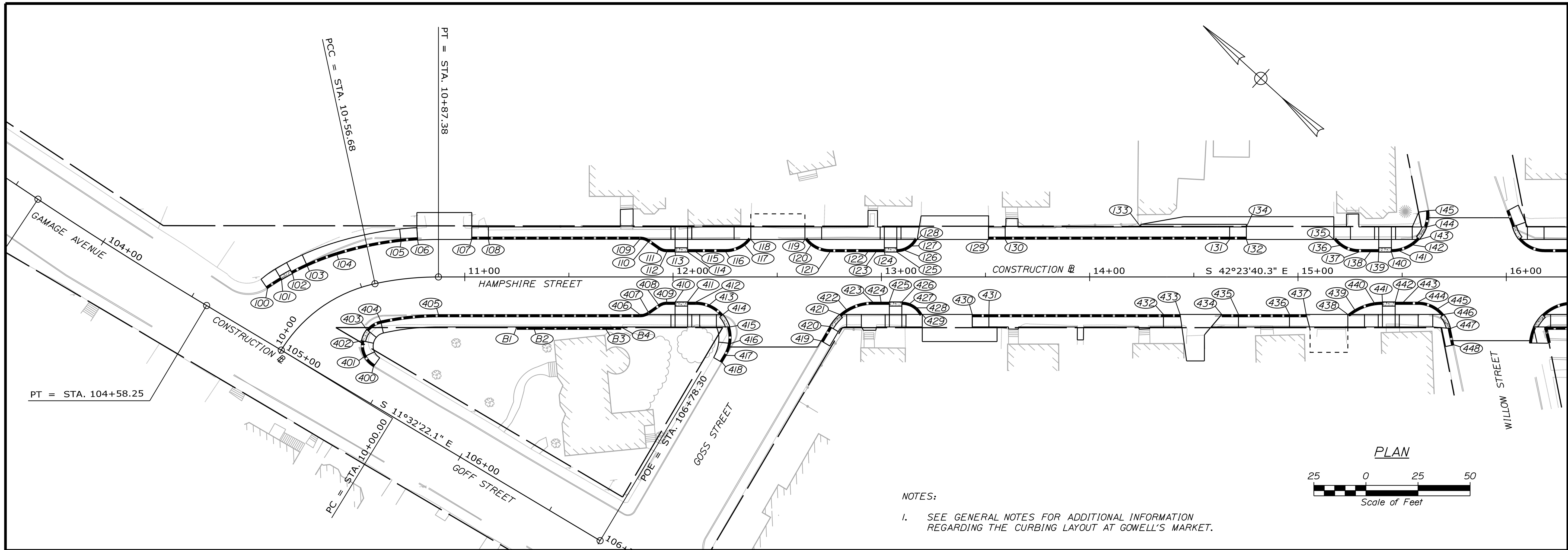
OF 62

Date: 1/10/2017

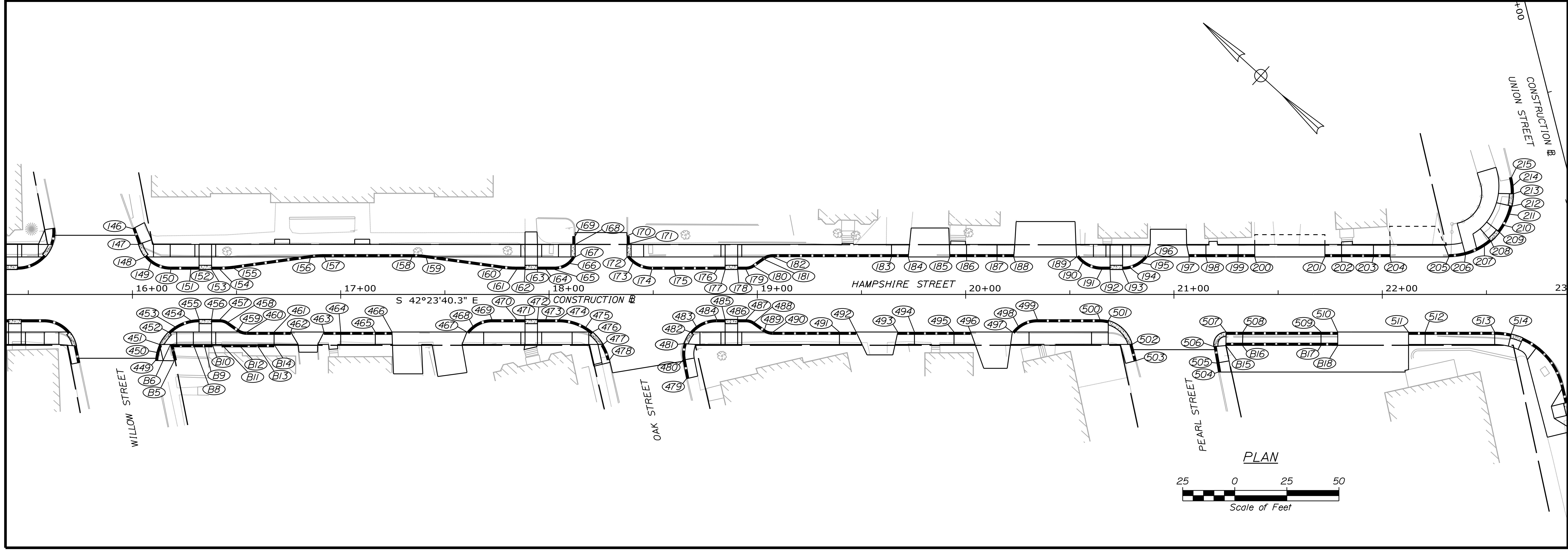
Username: jwinchenbach

Division: HIGHWAY

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



NOTES:
 1. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION REGARDING THE CURBING LAYOUT AT GOWELL'S MARKET.

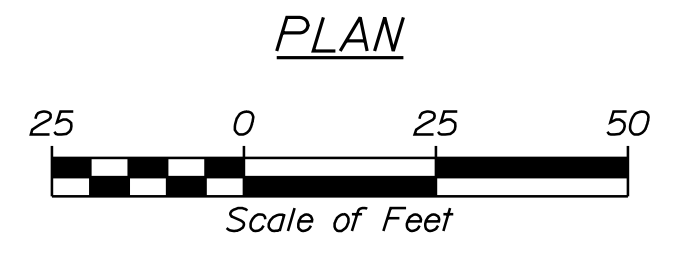
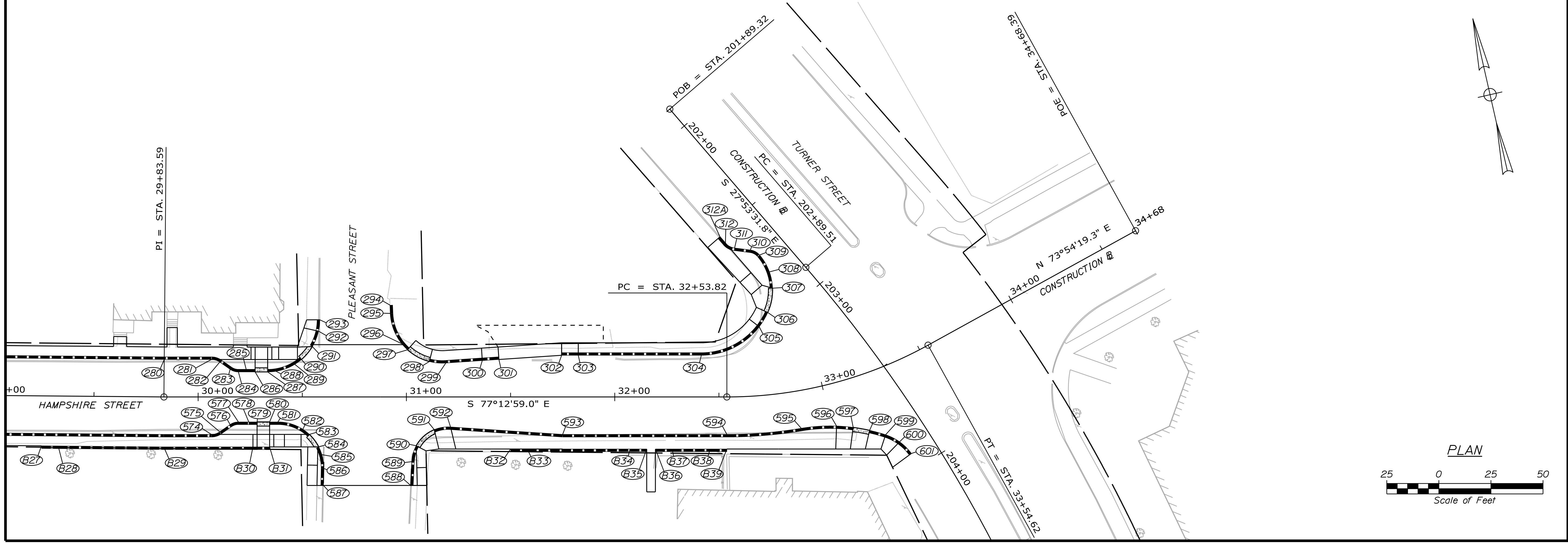
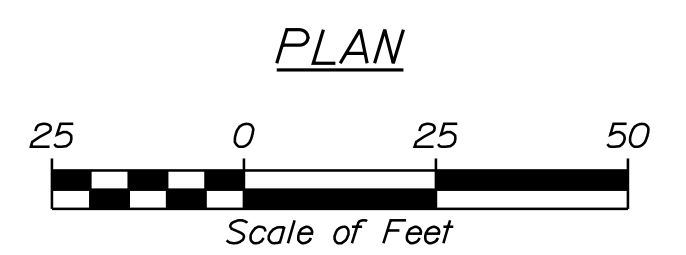
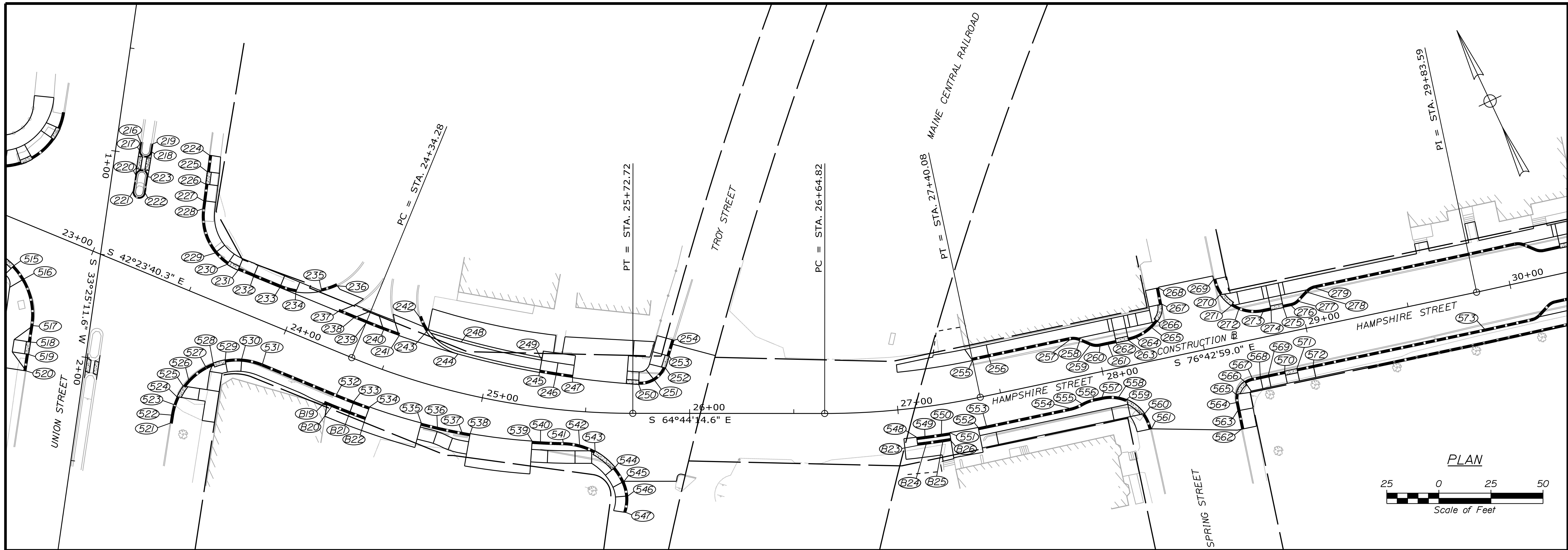


CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
 HAMPSHIRE STREET
 CURBING PLAN

SHEET NUMBER
12
 OF 62



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	DATE
DESIGN-DETAILED	12/16
CHECKED-REVIEWED	12/16
DESIGN-DETAILED	
DESIGN-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

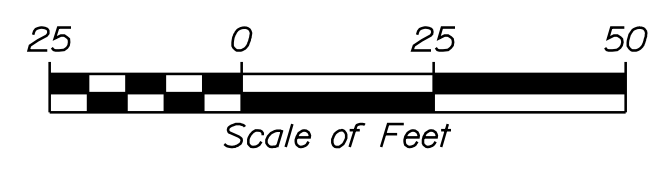
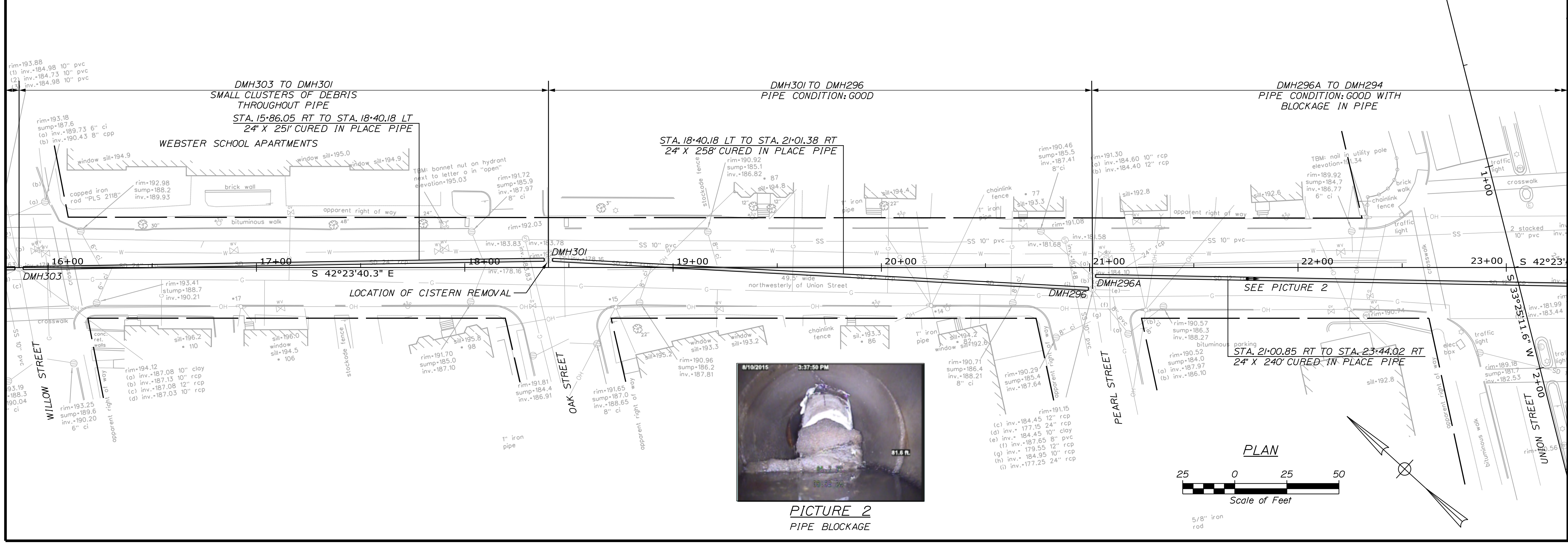
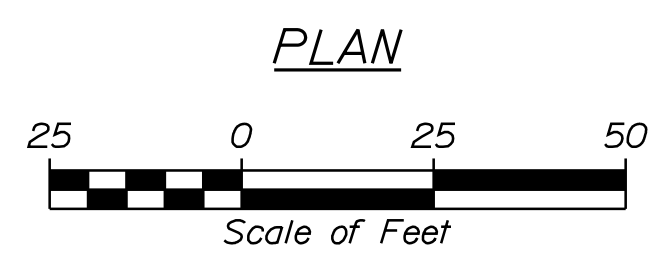
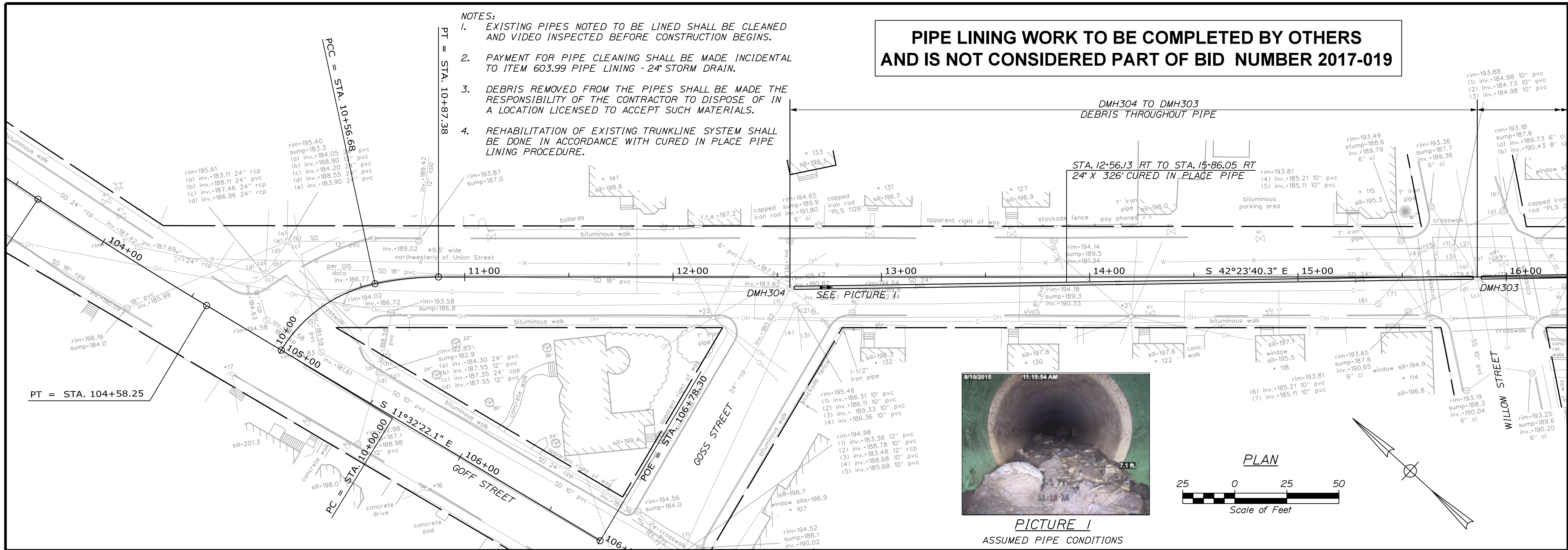
AUBURN
 HAMPSHIRE STREET
 CURBING PLAN

SHEET NUMBER
13
 OF 62

Filename: ... \016_PipeLiningPlans.dgn
 Division: HIGHWAY
 Username: jared.winchenbach Date: 2/2/2017

**PIPE LINING WORK TO BE COMPLETED BY OTHERS
 AND IS NOT CONSIDERED PART OF BID NUMBER 2017-019**

- NOTES:
- EXISTING PIPES NOTED TO BE LINED SHALL BE CLEANED AND VIDEO INSPECTED BEFORE CONSTRUCTION BEGINS.
 - PAYMENT FOR PIPE CLEANING SHALL BE MADE INCIDENTAL TO ITEM 603.99 PIPE LINING - 24" STORM DRAIN.
 - DEBRIS REMOVED FROM THE PIPES SHALL BE MADE THE RESPONSIBILITY OF THE CONTRACTOR TO DISPOSE OF IN A LOCATION LICENSED TO ACCEPT SUCH MATERIALS.
 - REHABILITATION OF EXISTING TRUNKLINE SYSTEM SHALL BE DONE IN ACCORDANCE WITH CURED IN PLACE PIPE LINING PROCEDURE.



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED			
DESIGN REVIEWED			
DESIGN DET AIA/D			
DESIGN DET AIA/D			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
 HAMPSHIRE STREET
 PIPE LINING PLAN

SHEET NUMBER
16
 OF 62

Username: jared.winchenbach Date: 2/2/2017

Division: HIGHWAY

Filename: ... \017_PipeliningPlans2.dgn

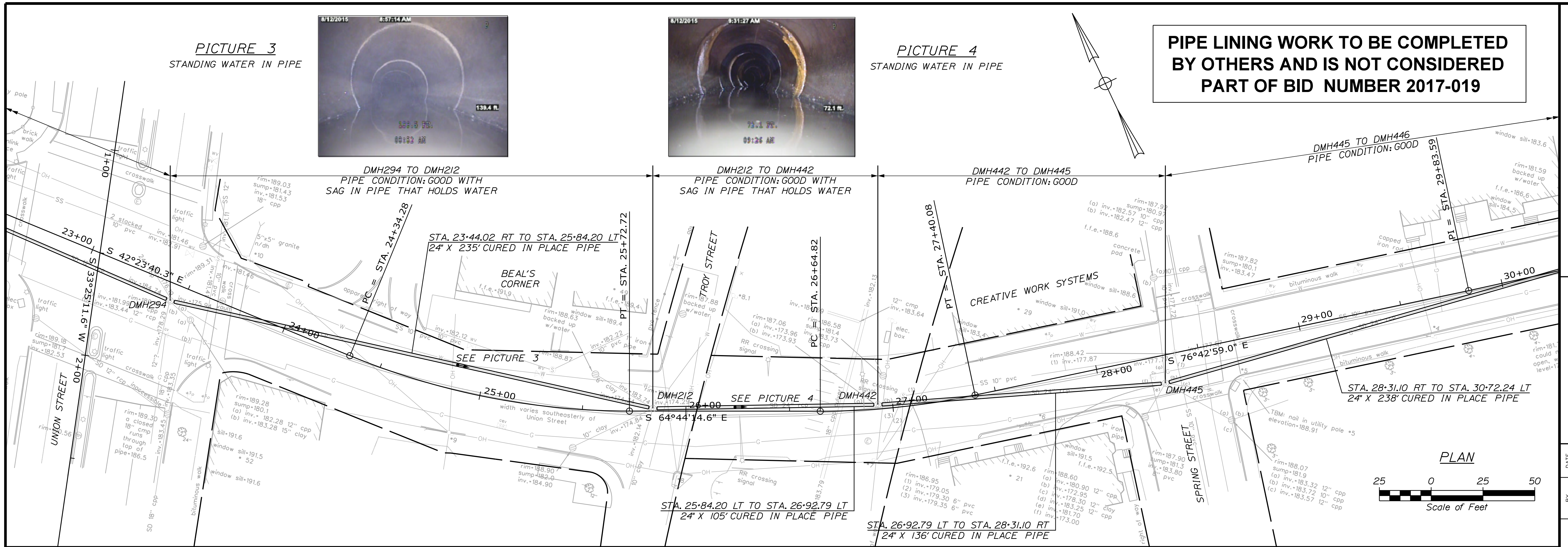
PICTURE 3
STANDING WATER IN PIPE



PICTURE 4
STANDING WATER IN PIPE



PIPE LINING WORK TO BE COMPLETED BY OTHERS AND IS NOT CONSIDERED PART OF BID NUMBER 2017-019



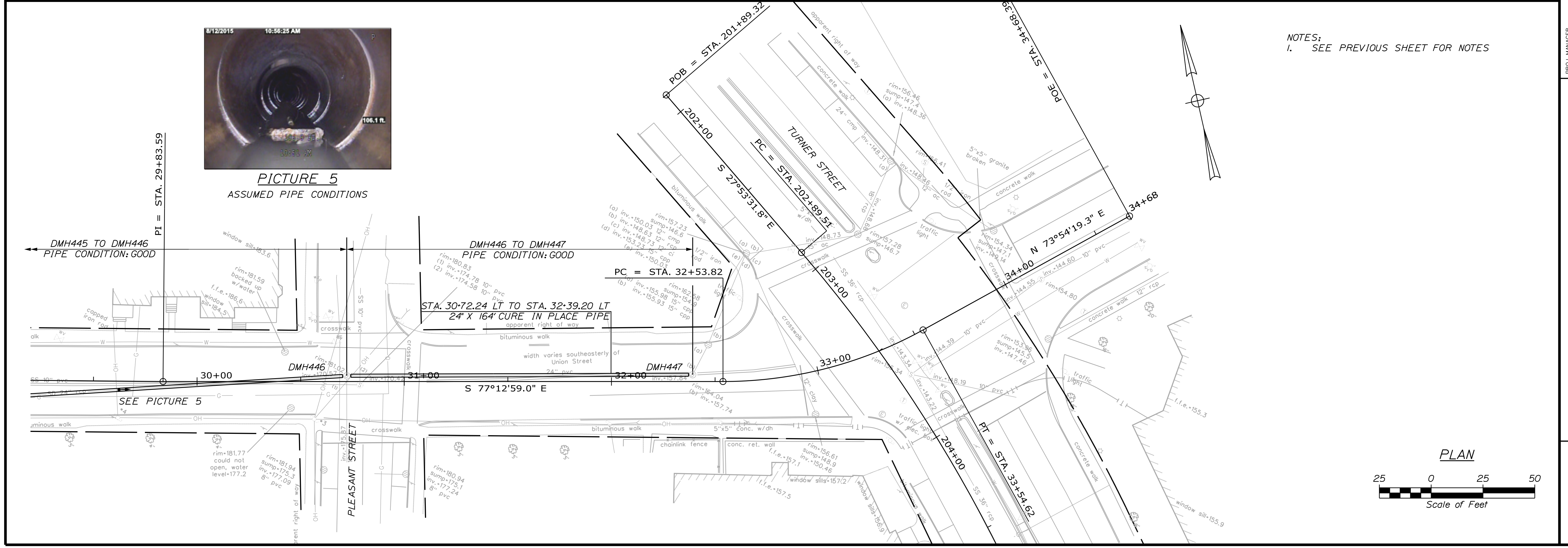
**CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210**

PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED		DGE	
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



PICTURE 5
ASSUMED PIPE CONDITIONS

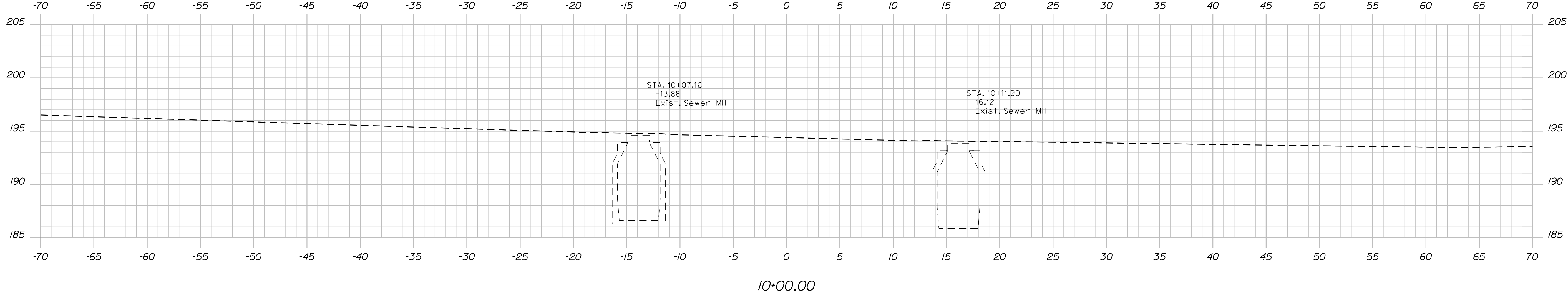
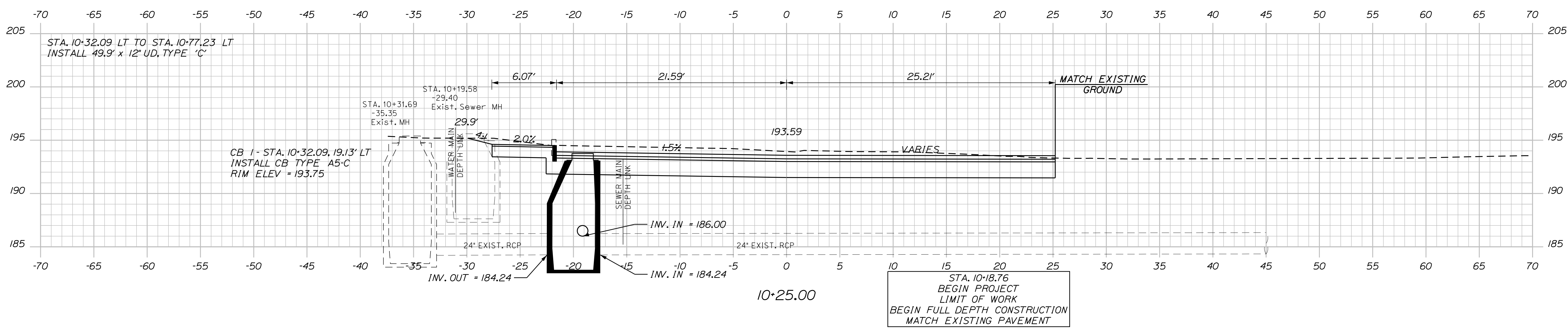
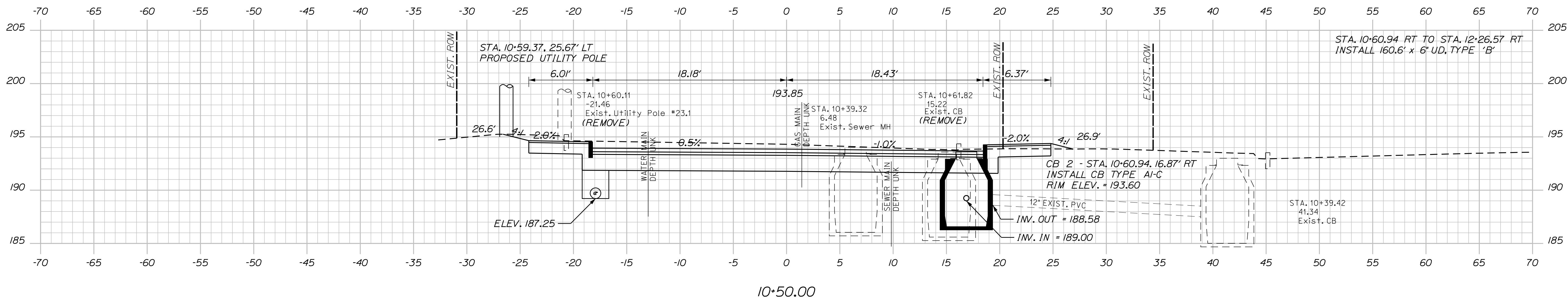
NOTES:
1. SEE PREVIOUS SHEET FOR NOTES



**AUBURN
HAMPSHIRE STREET
PIPE LINING PLAN**

SHEET NUMBER
17
OF 62

Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.winchenbach
 Date: 1/25/2017



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	JSW	12/16
CHECKED/REVIEWED	DGE	12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

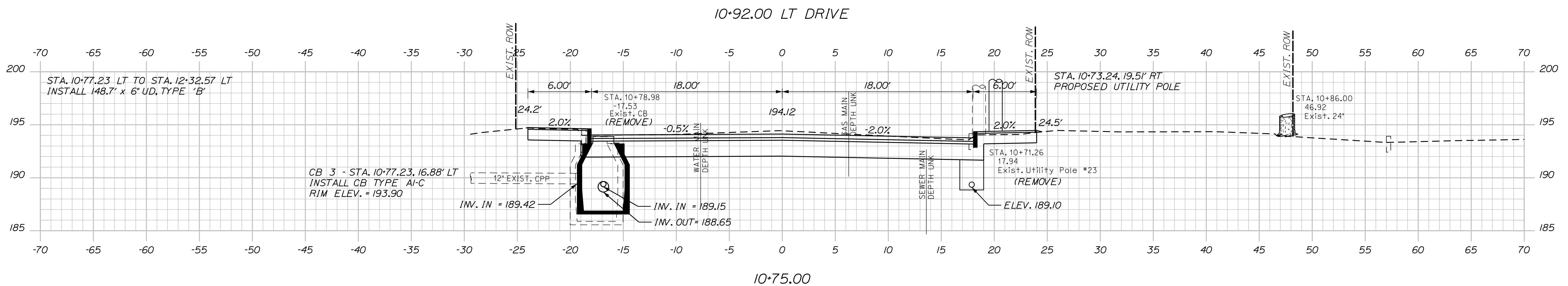
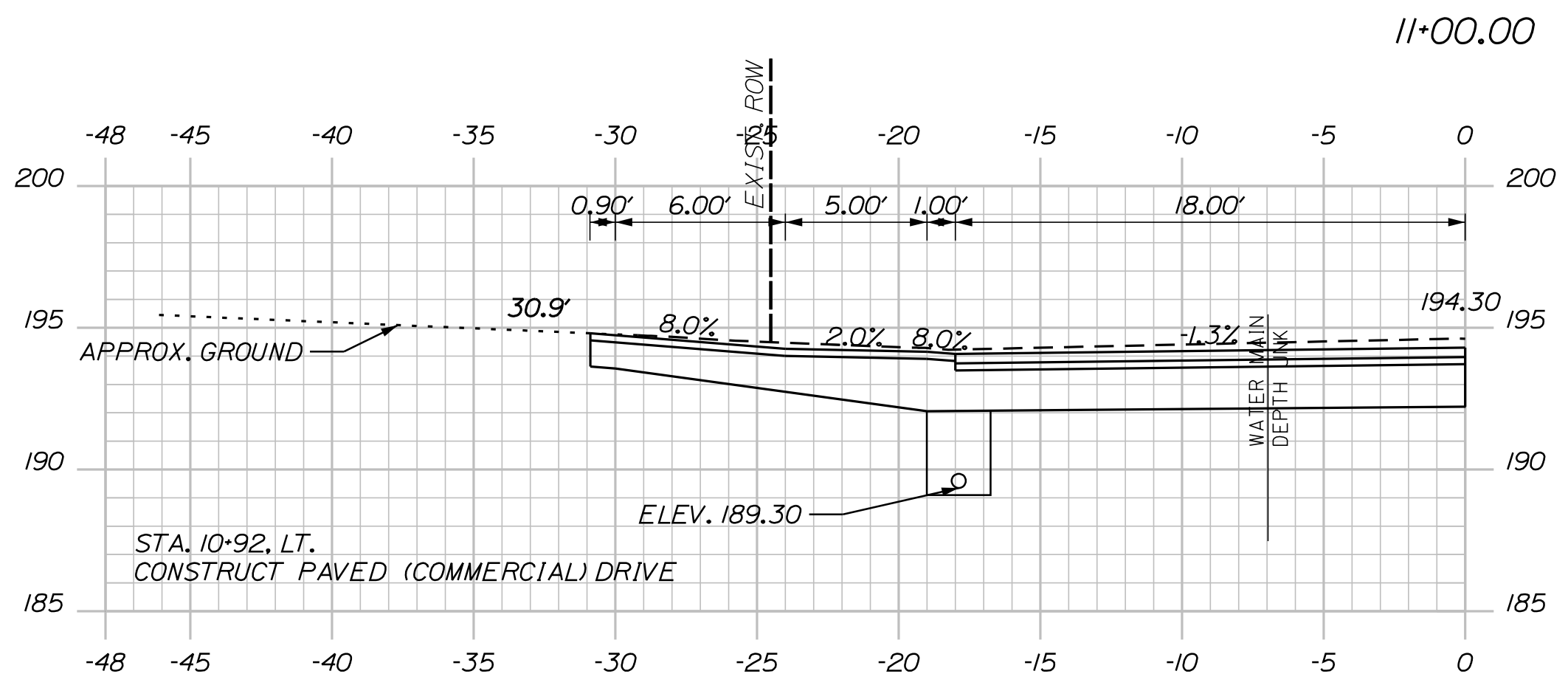
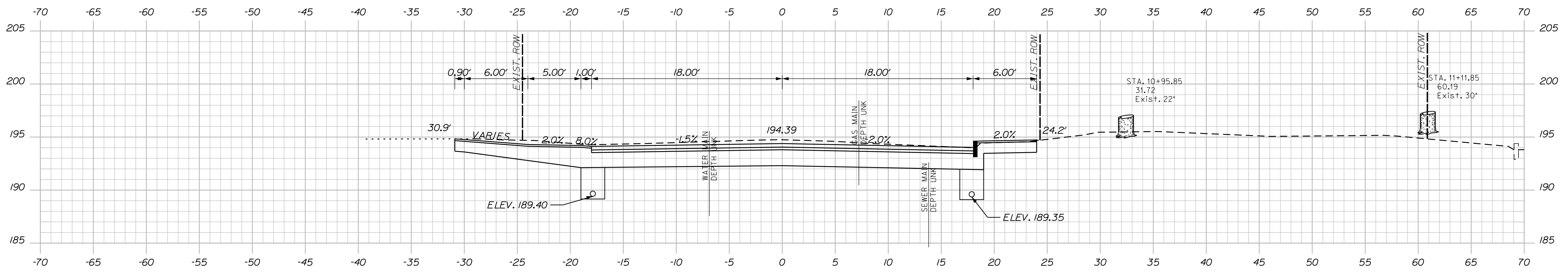
SHEET NUMBER
18
 OF 62

Username: jored.winchenbach Date: 1/25/2017

Division: HIGHWAY

Filename: ...AZ - CAD\00\highway\Xsec.dgn

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

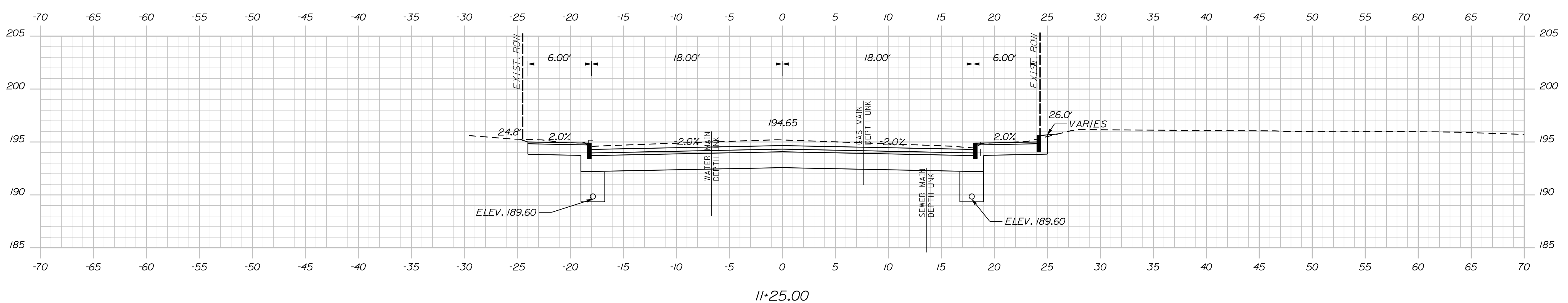
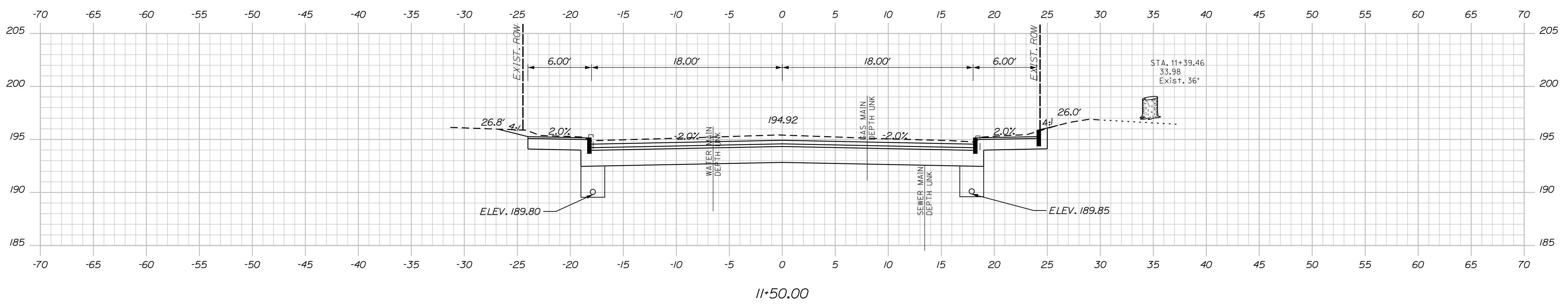
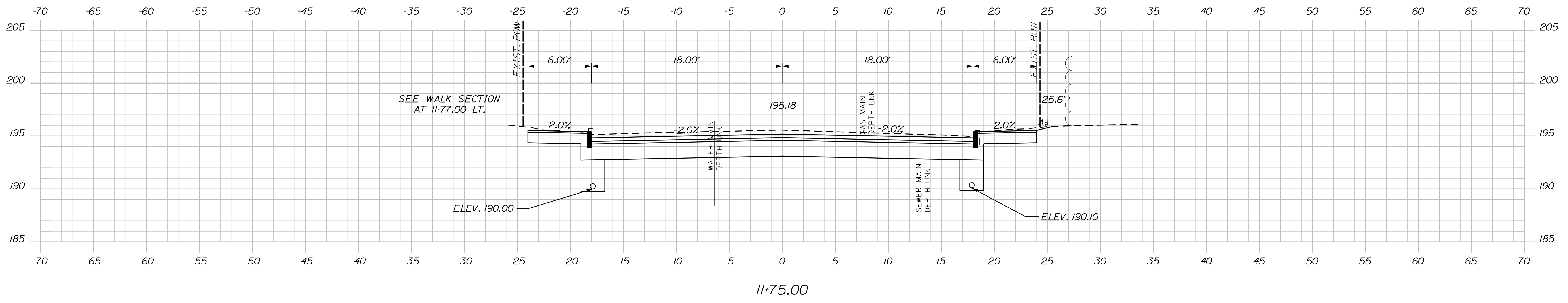


PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED JSW	JSW	12/16	
CHECKED-REVIEWED DJE		12/16	
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER
19
OF 62

Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.wirnenboch
 Date: 1/25/2017



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED JSW	12/16	JSW	12/16
CHECKED-REVIEWED DJE			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

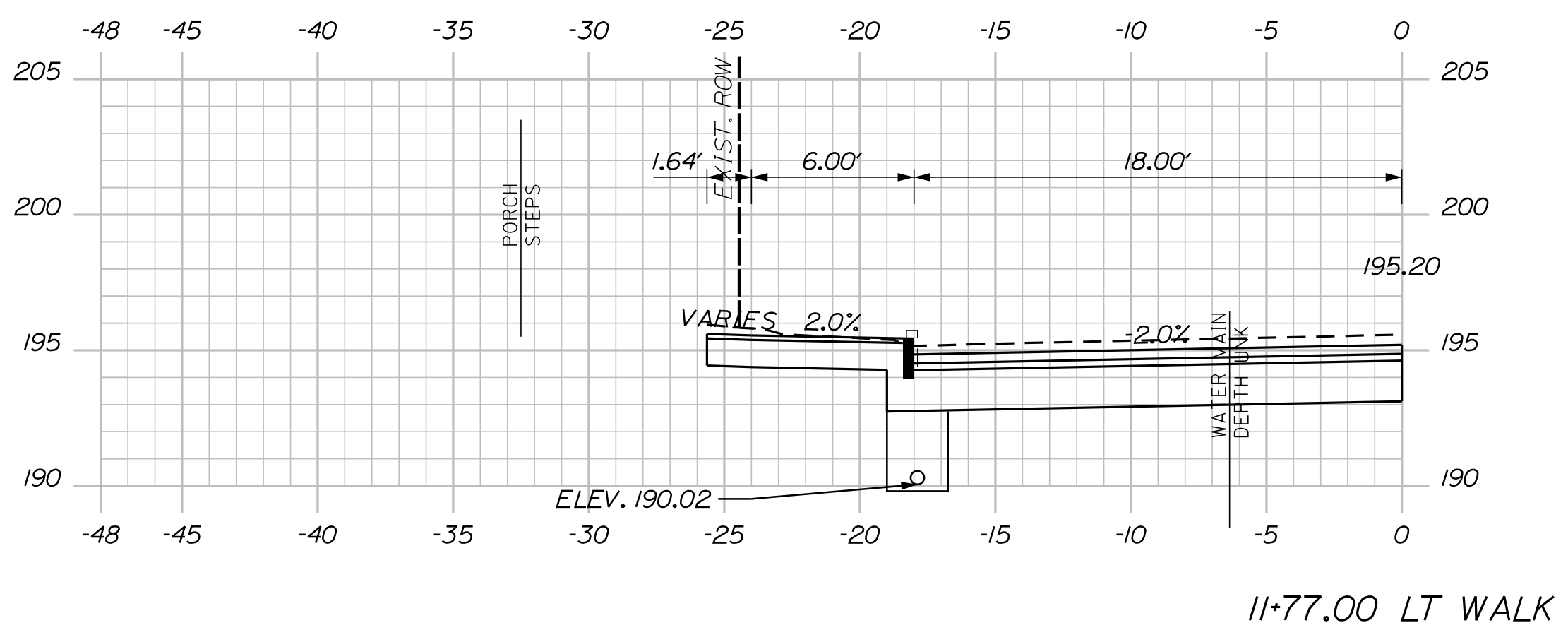
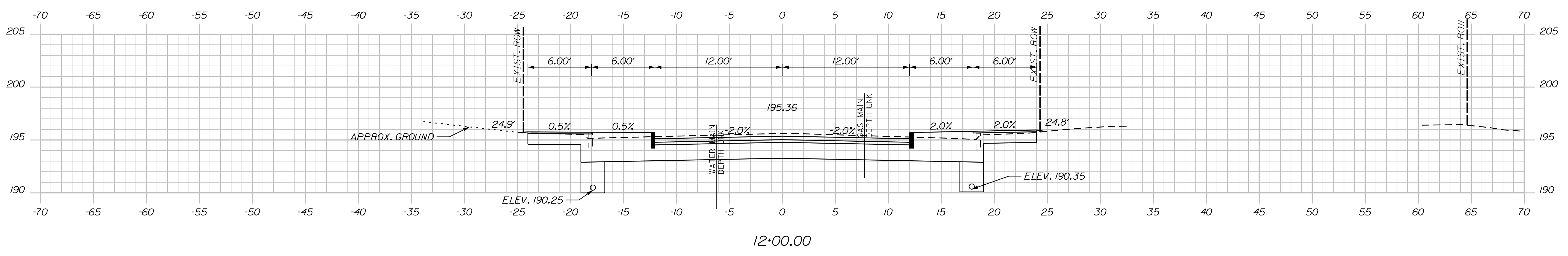
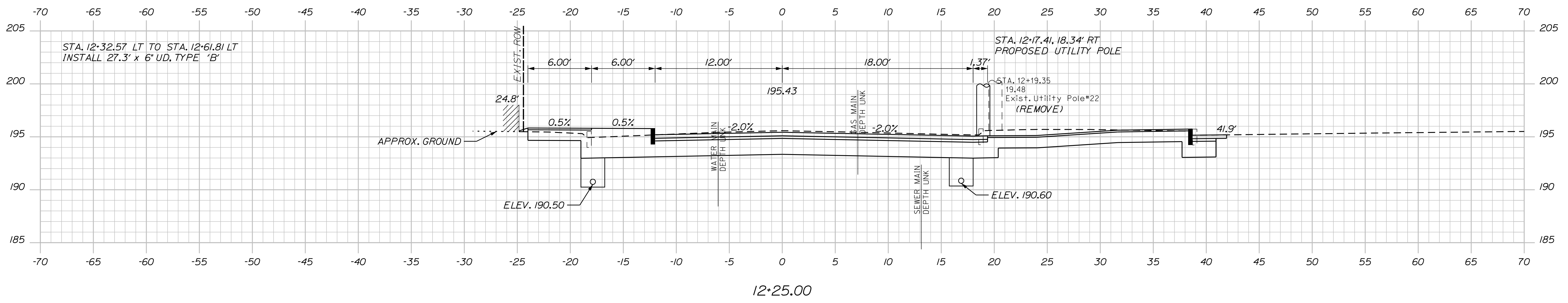
SHEET NUMBER
20
 OF 62

Username: jared.winchenbach Date:1/25/2017

Division: HIGHWAY

Filename: ...AZ - CAD\00\highway\Xsec.dgn

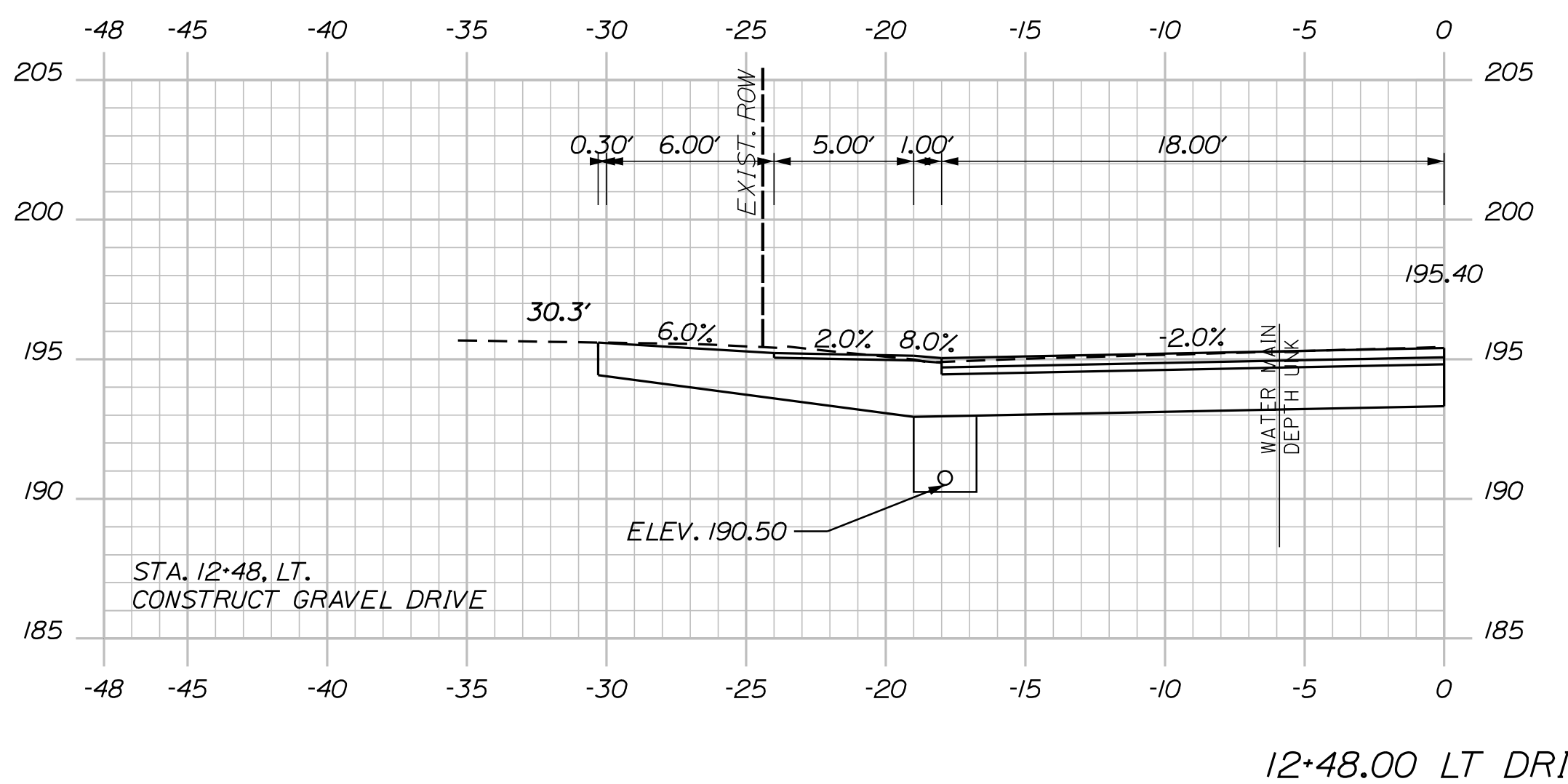
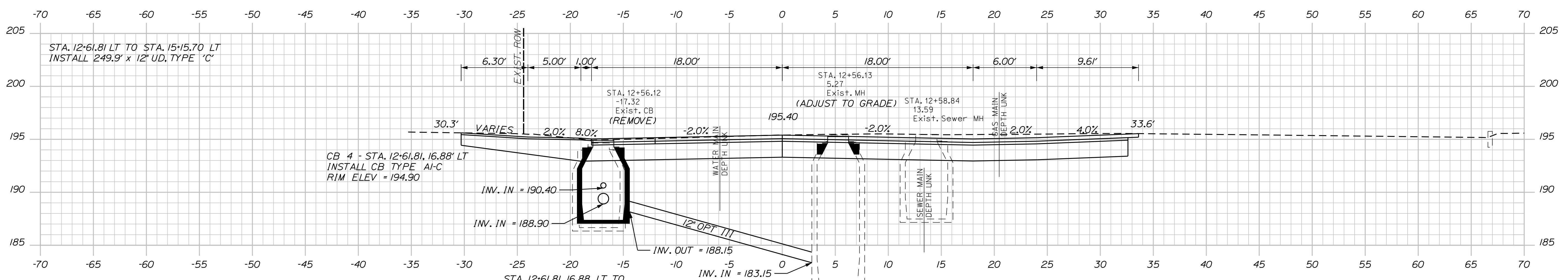
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER
21
OF 62



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	JSW	12/16
CHECKED-REVIEWED	DGE	12/16
DESIGN DETAILED		
REVISIONS 1		
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

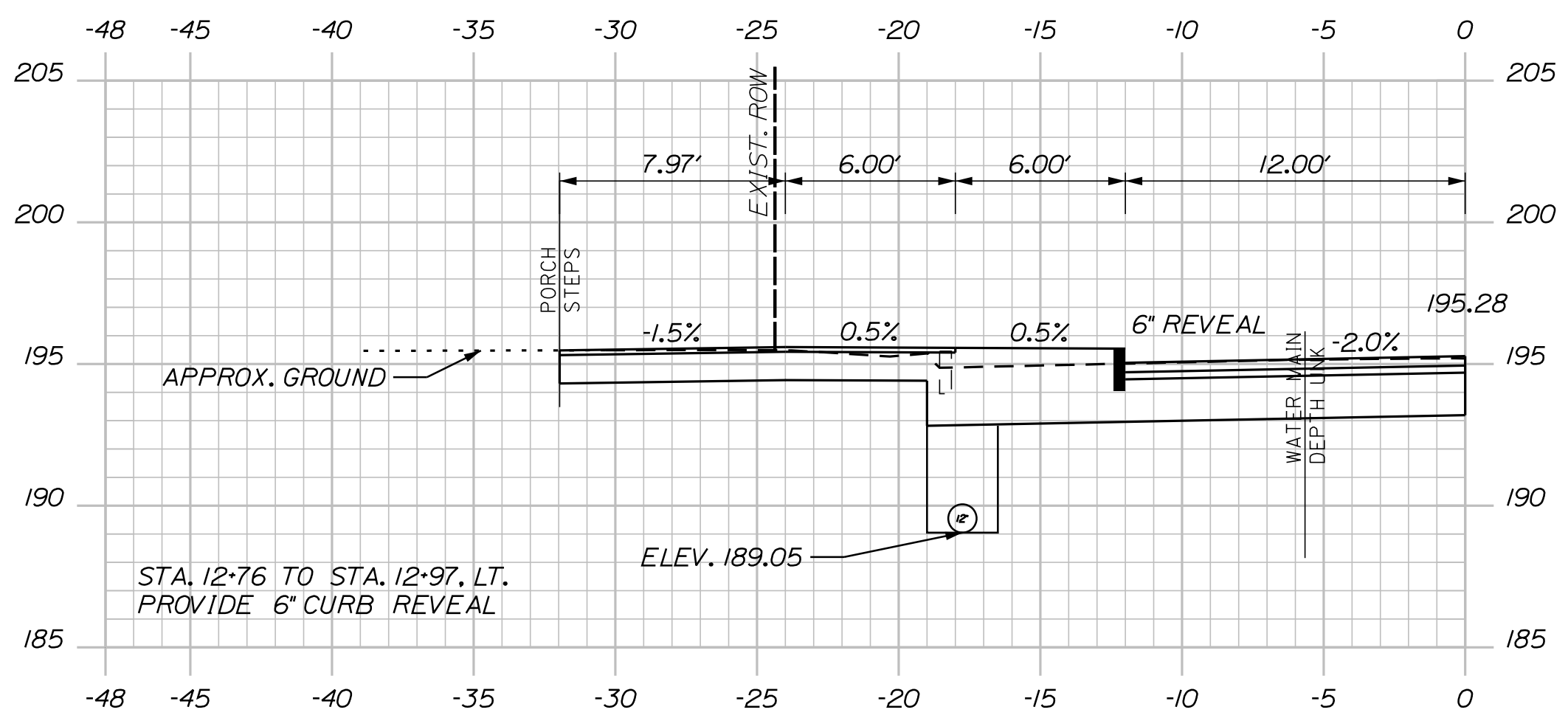
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AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

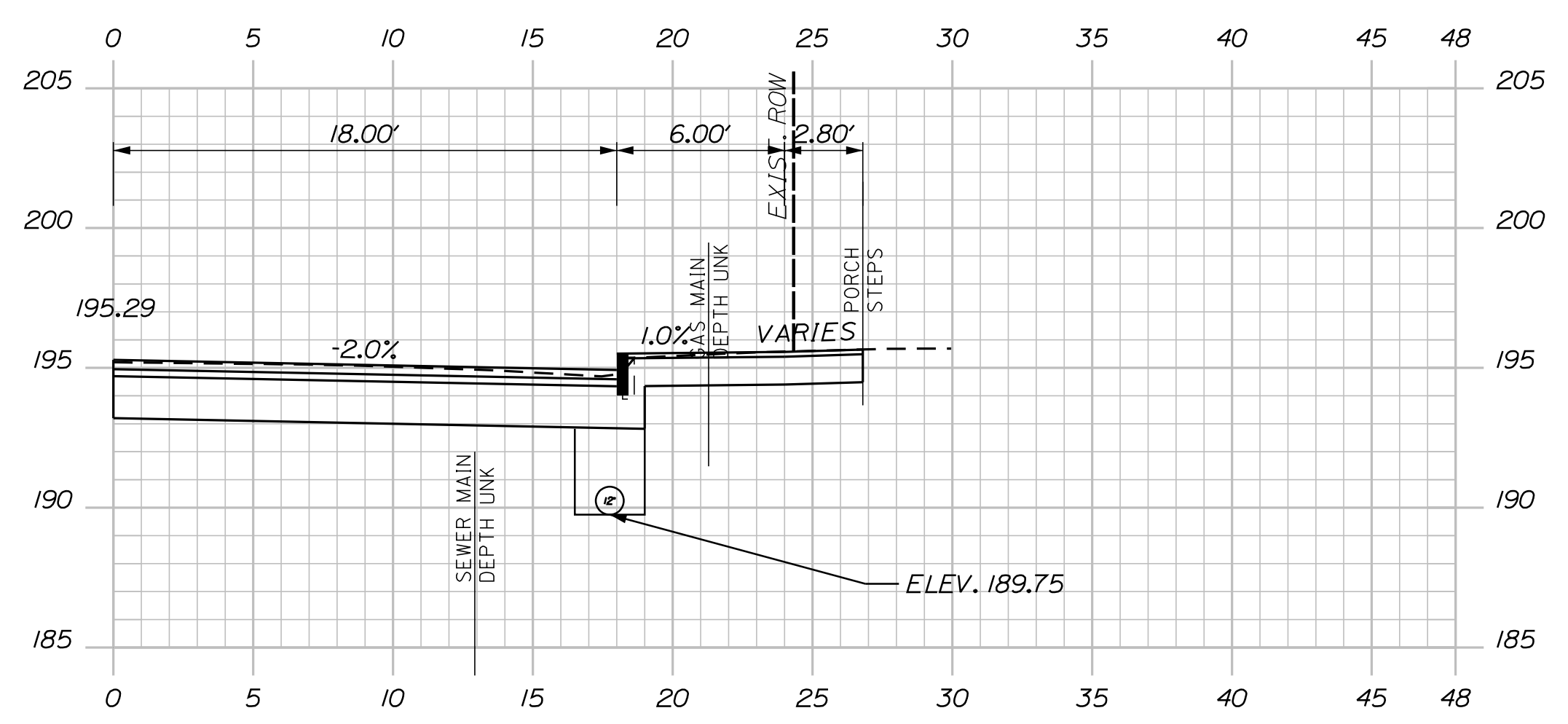
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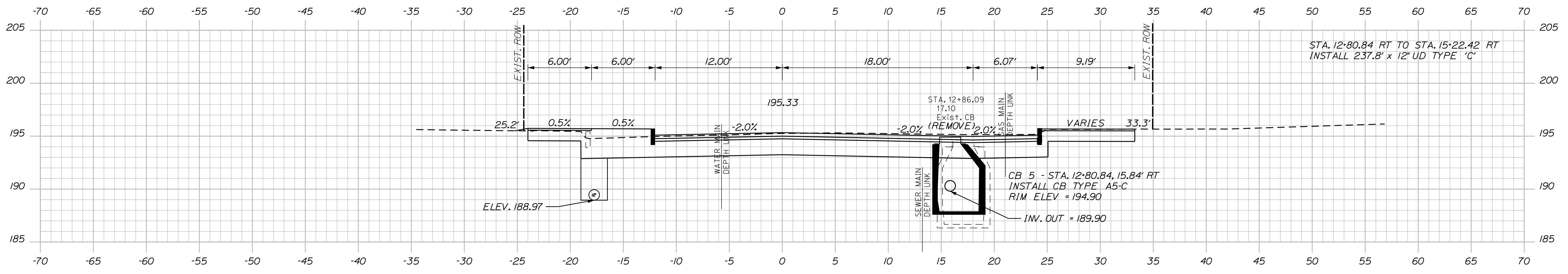
OF 62



12+96.00 LT WALK



12+94.00 RT WALK



12+75.00

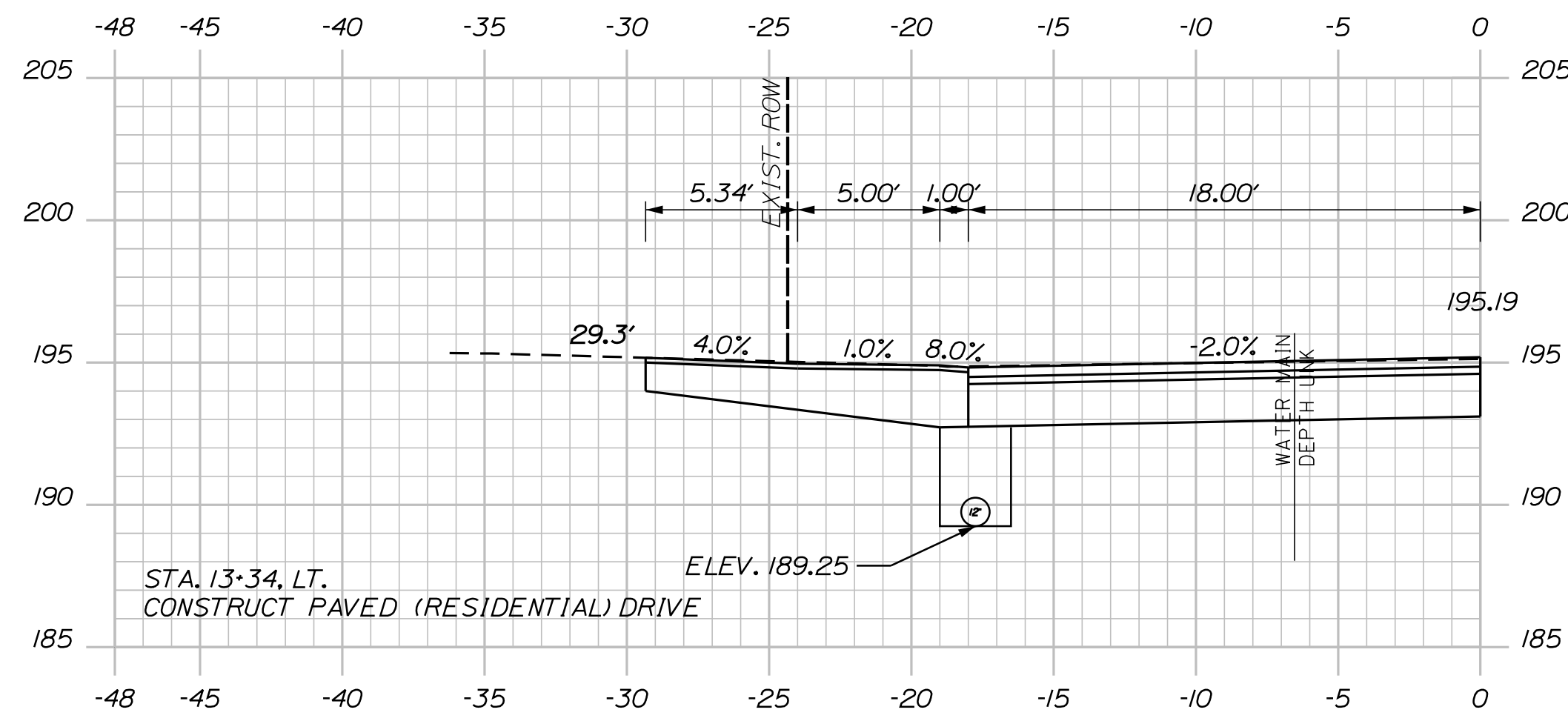
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
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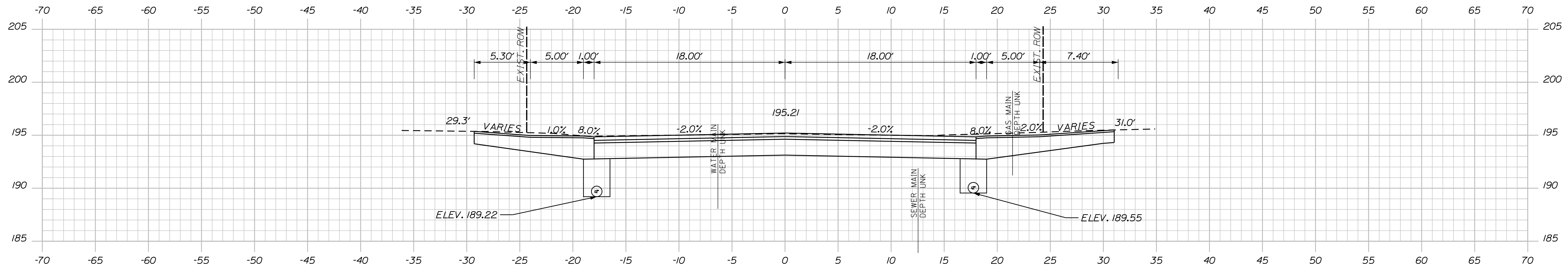
SIGNATURE	P.E. NUMBER	DATE

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

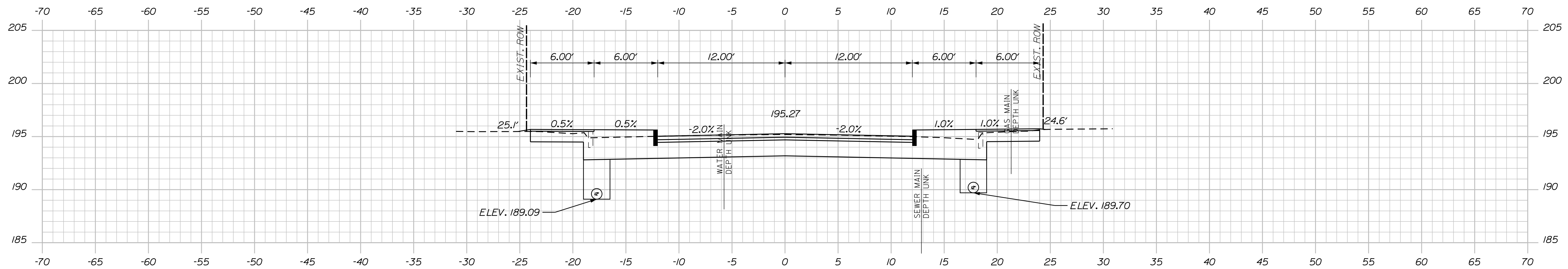
SHEET NUMBER
23
OF 62



13+34.00 LT DRIVE



13+25.00



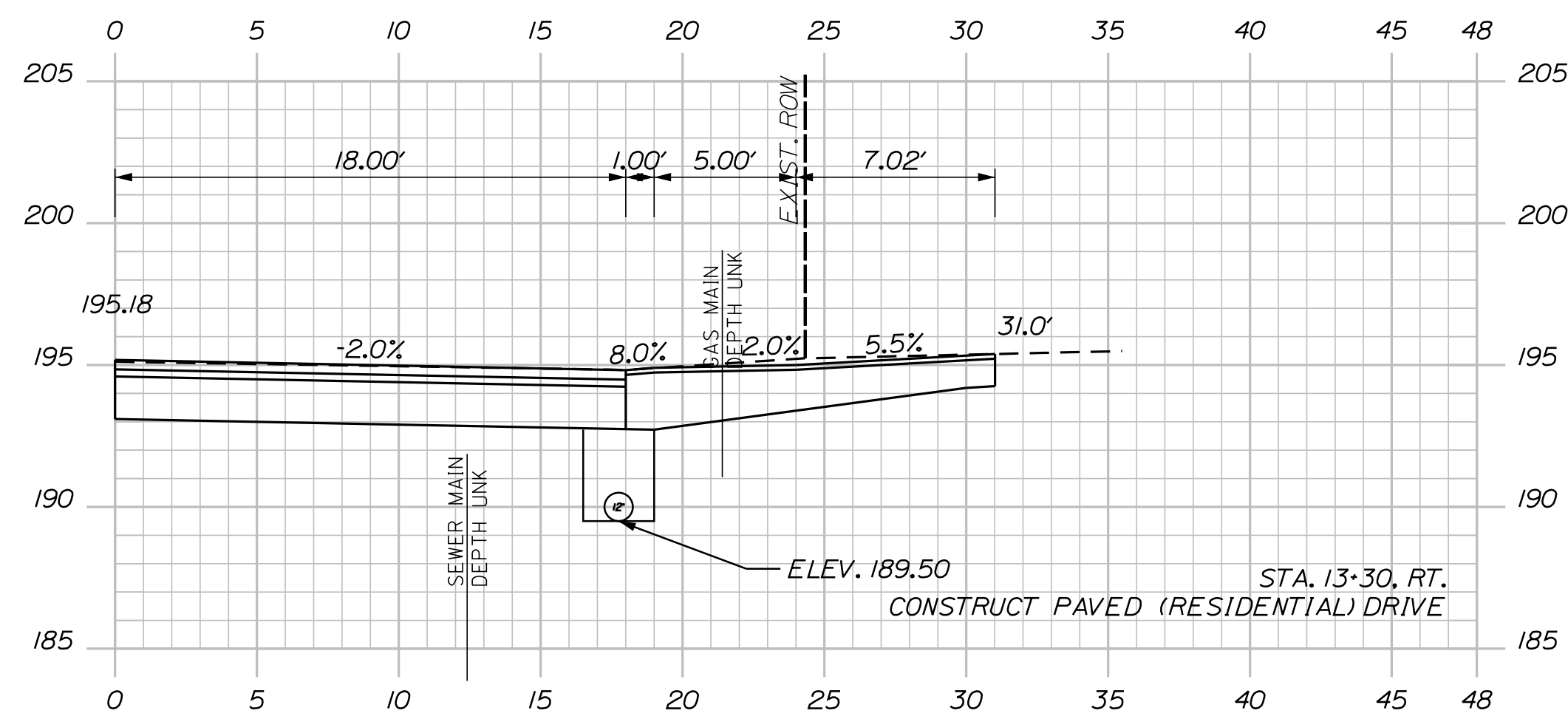
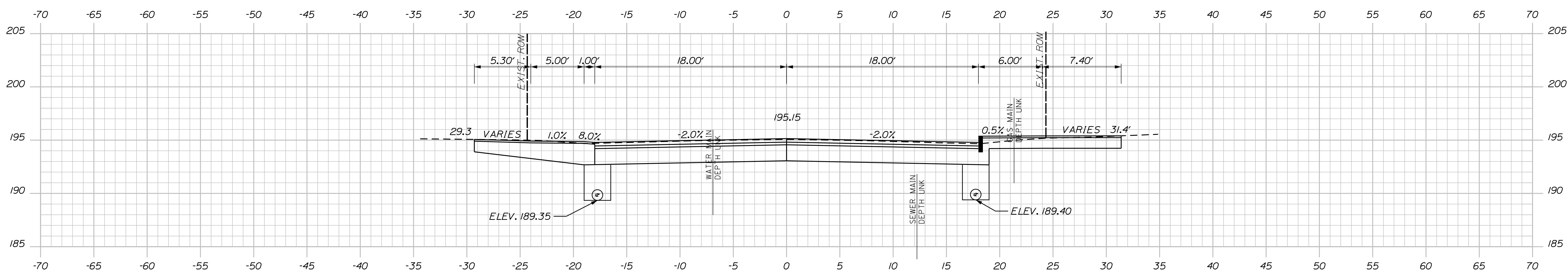
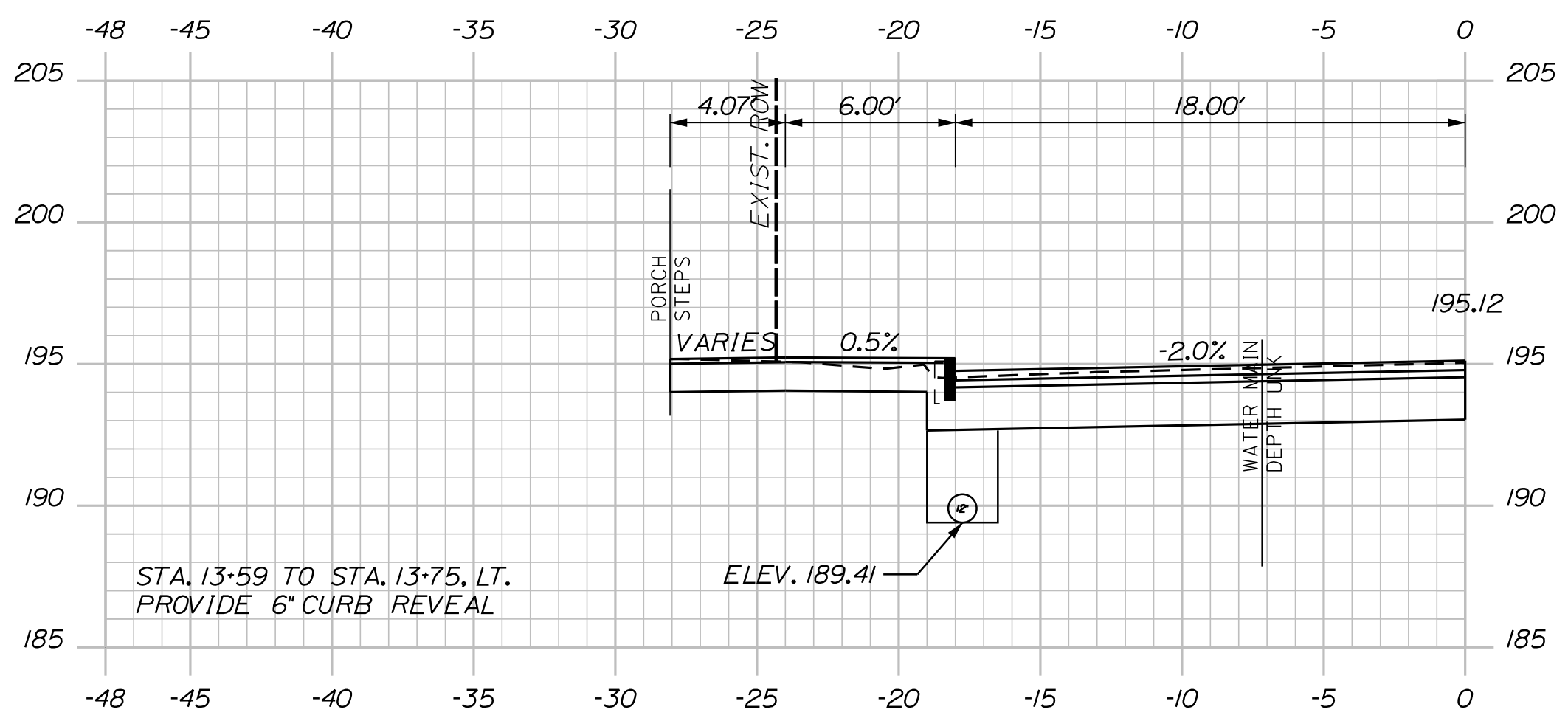
13+00.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS



Filename: ...AZ - CAD\00\highway\Xsec.dgn Division: HIGHWAY Username: jared.winchenbach Date: 1/25/2017

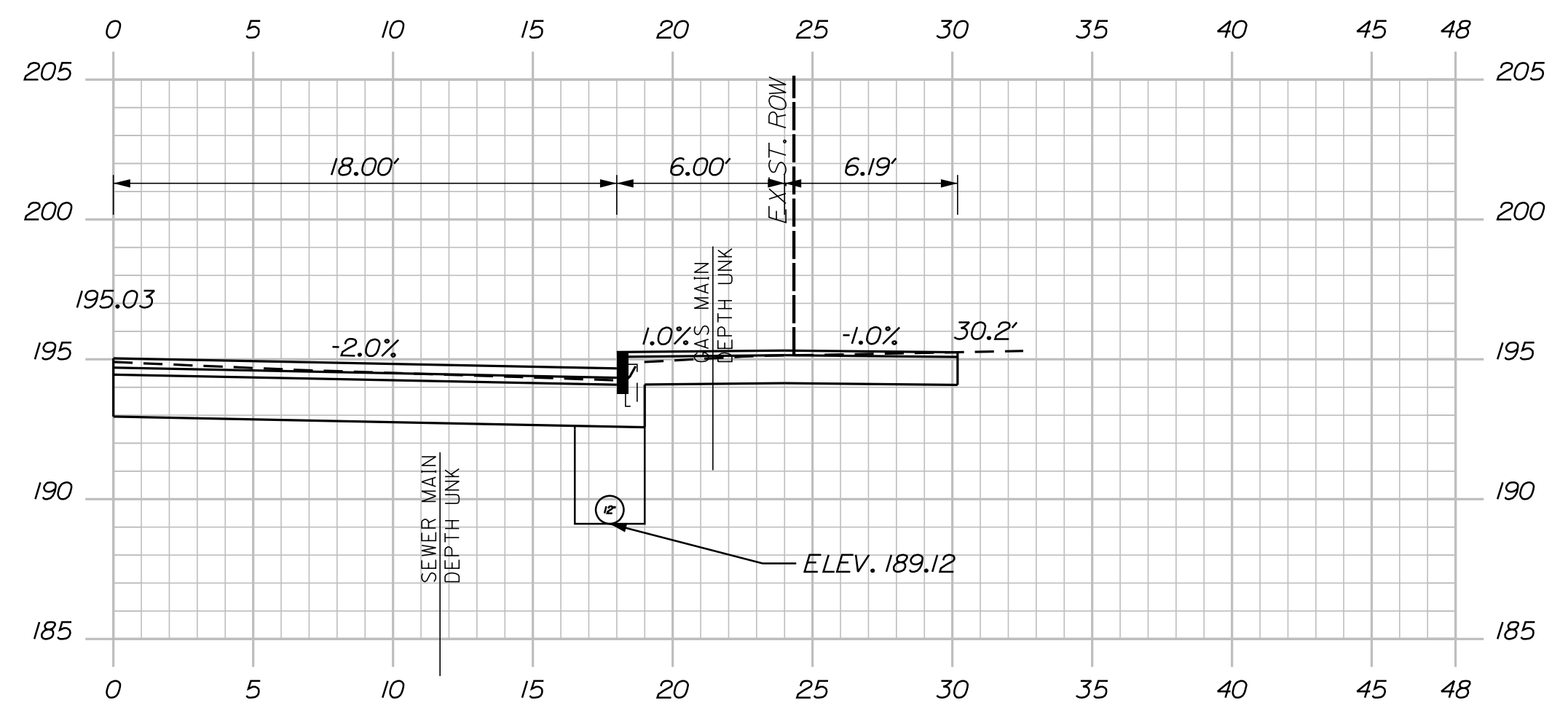
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
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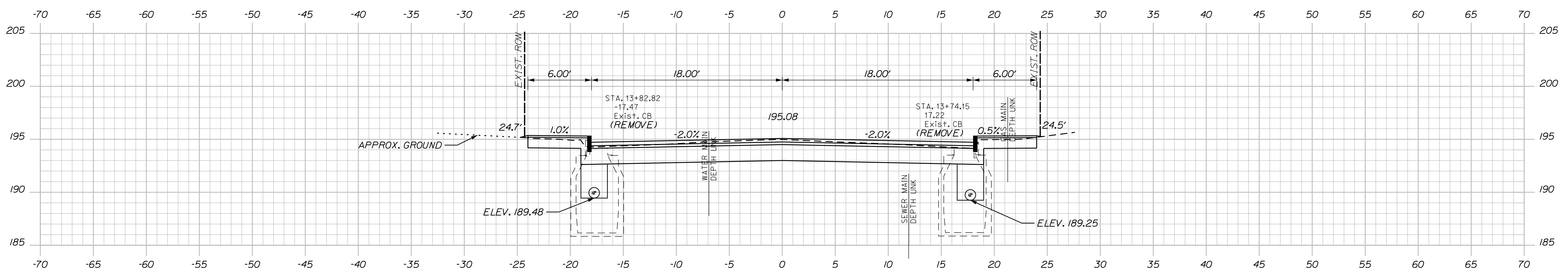
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AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

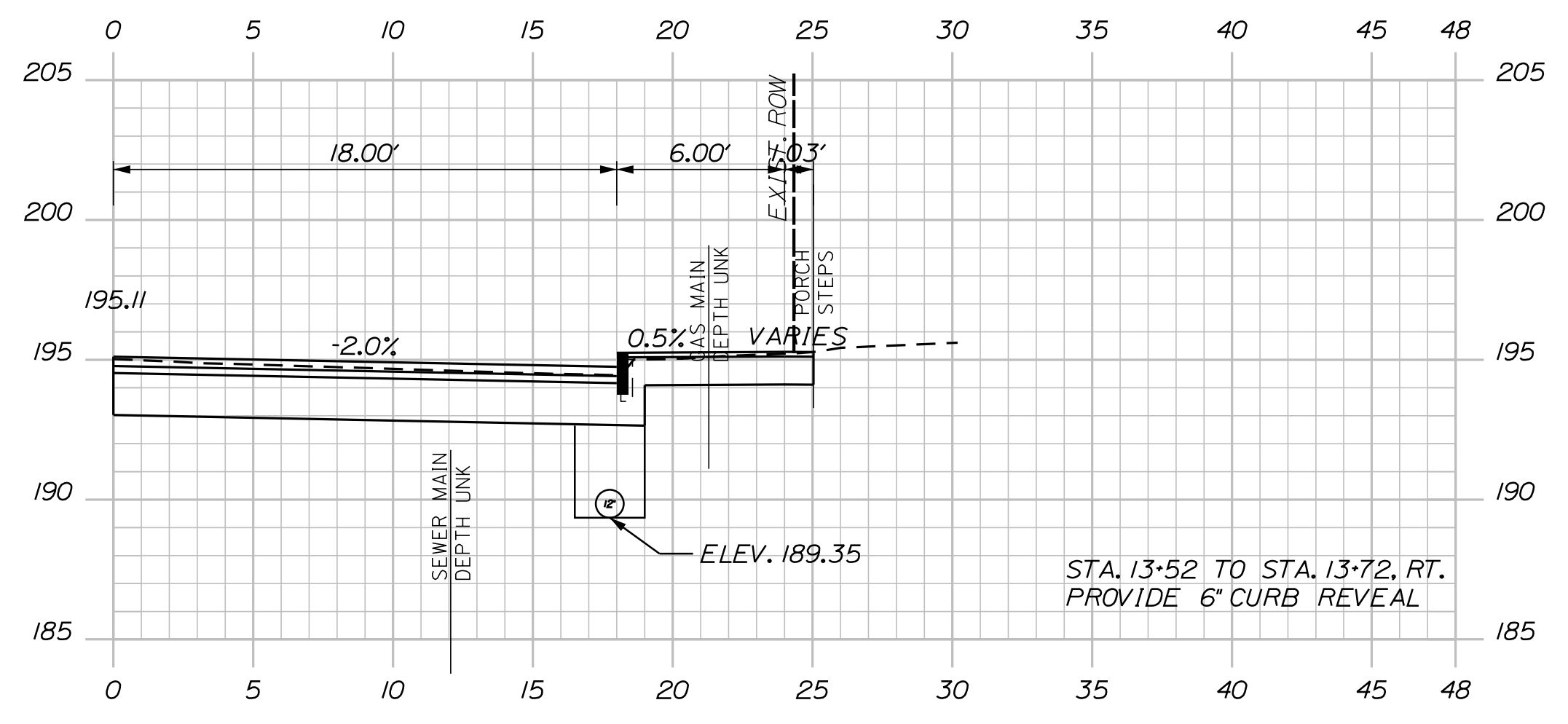
SHEET NUMBER
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OF 62



13+95.00 RT WALK



13+75.00



13+64.00 RT WALK

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

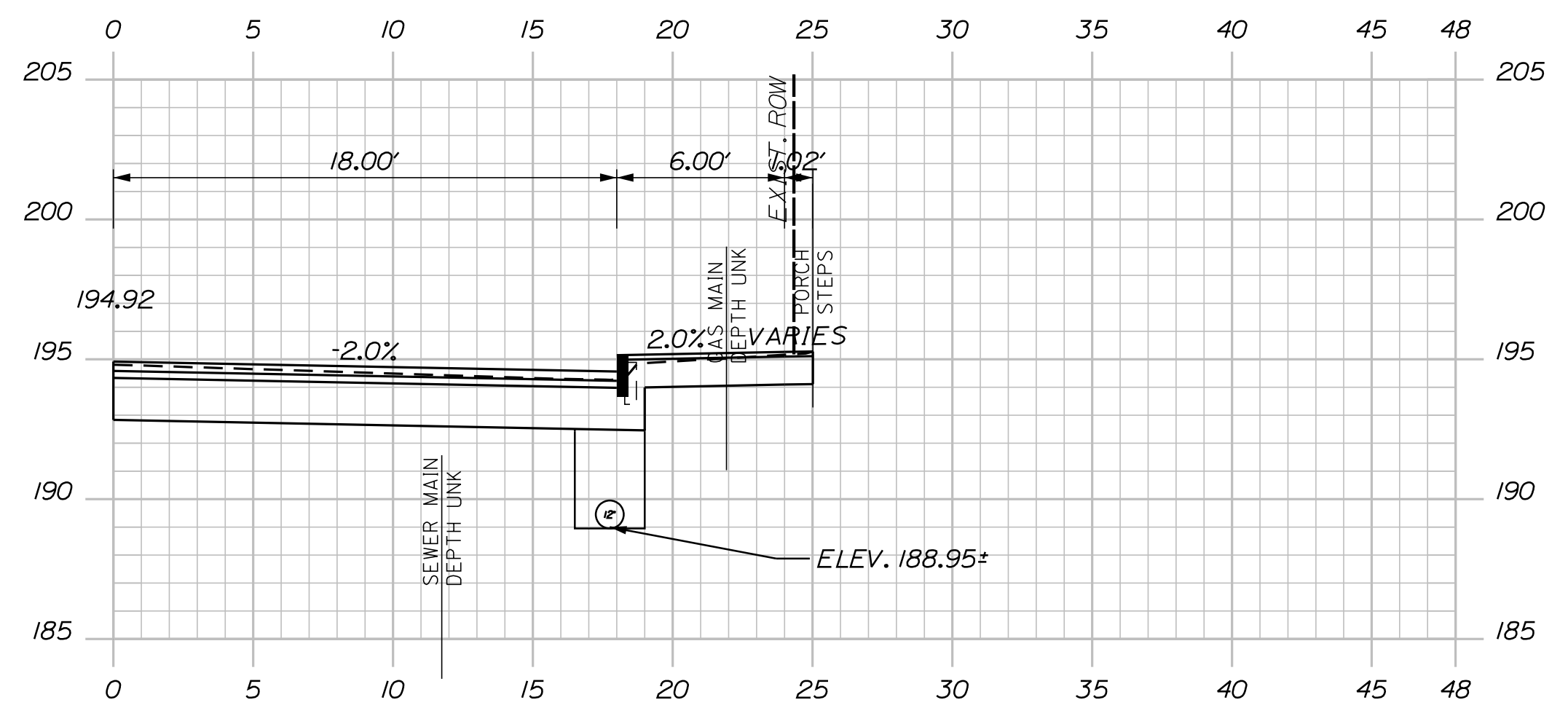
PROJ. MANAGER	BY	DATE
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CHECKED-REVIEWED DJE		12/16
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FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

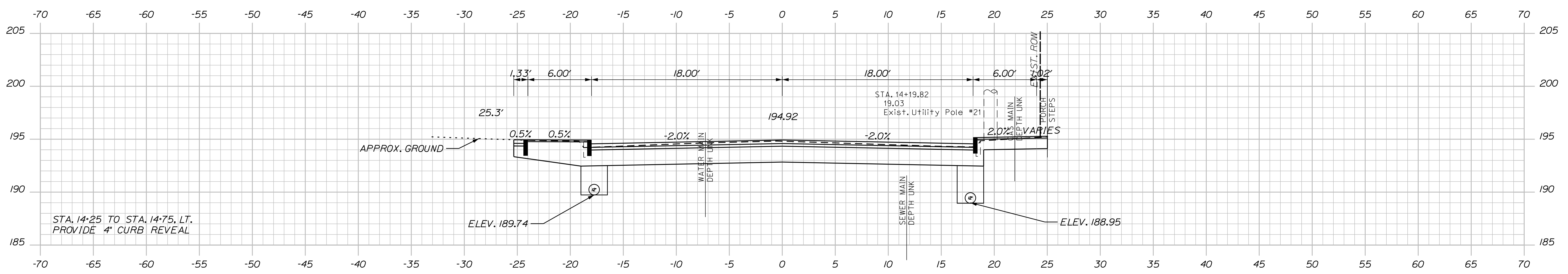
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 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
26
 OF 62

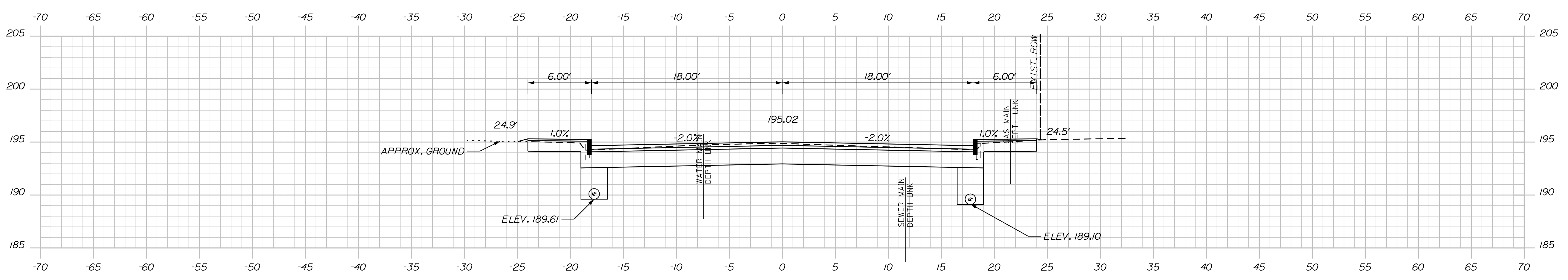
Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.wirchenbach
 Date: 1/25/2017



14+26.00 RT WALK



14+25.00



14+00.00

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

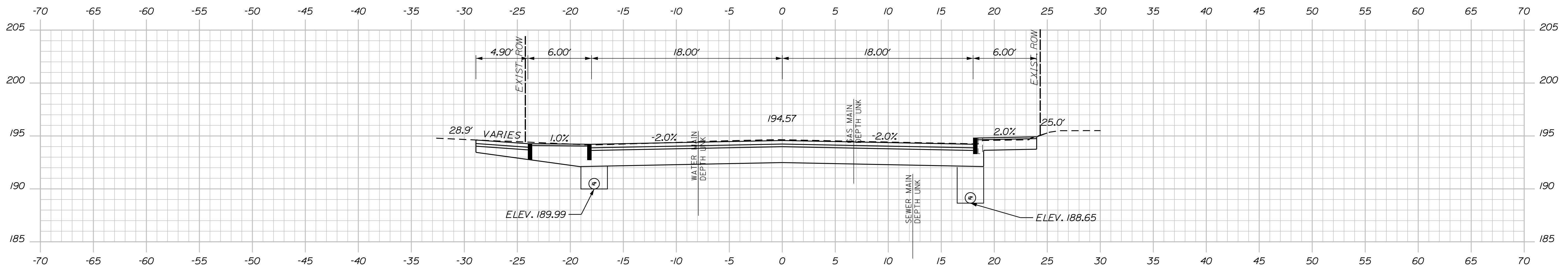
PROJ. MANAGER	BY	DATE
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CHECKED-REVIEWED DGE		12/16
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SIGNATURE	P.E. NUMBER	DATE

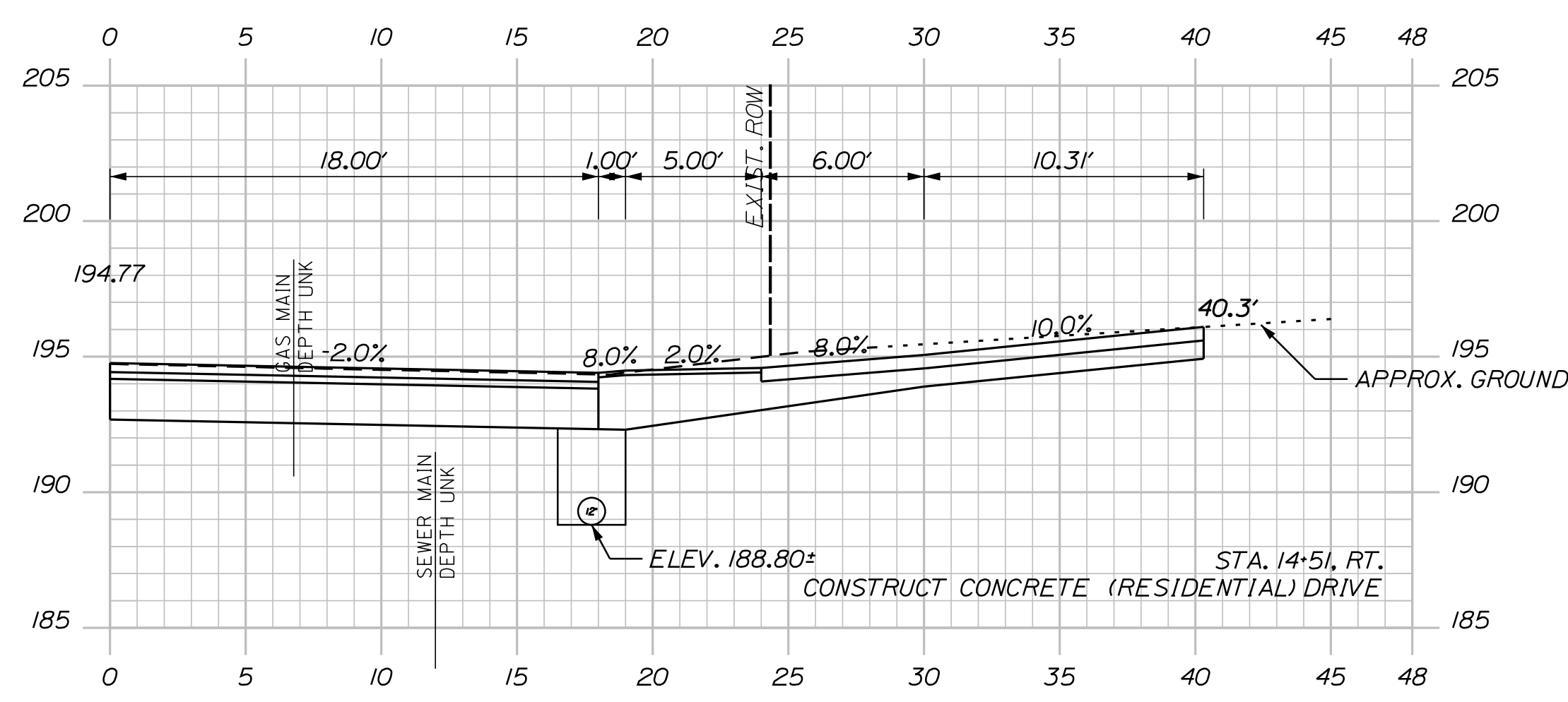
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 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
 27
 OF 62

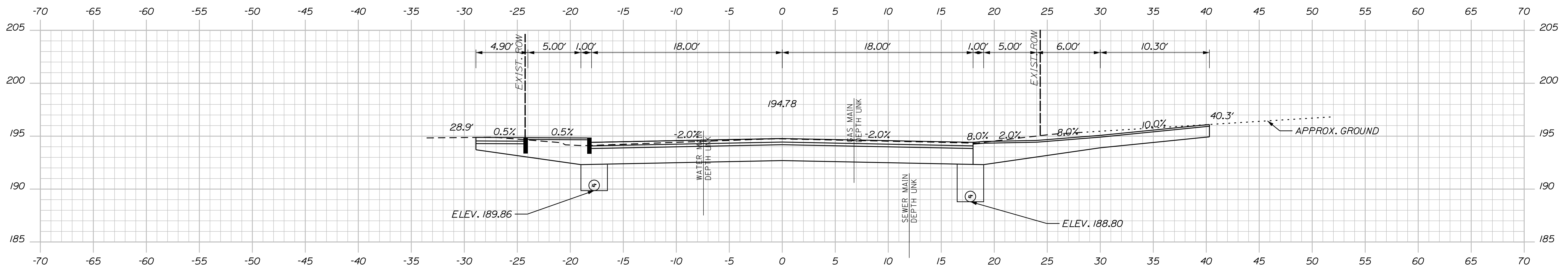
Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jored.wirchenboch
 Date: 1/25/2017



14+75.00



14+51.00 RT DRIVE



14+50.00

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
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FIELD CHANGES		

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER

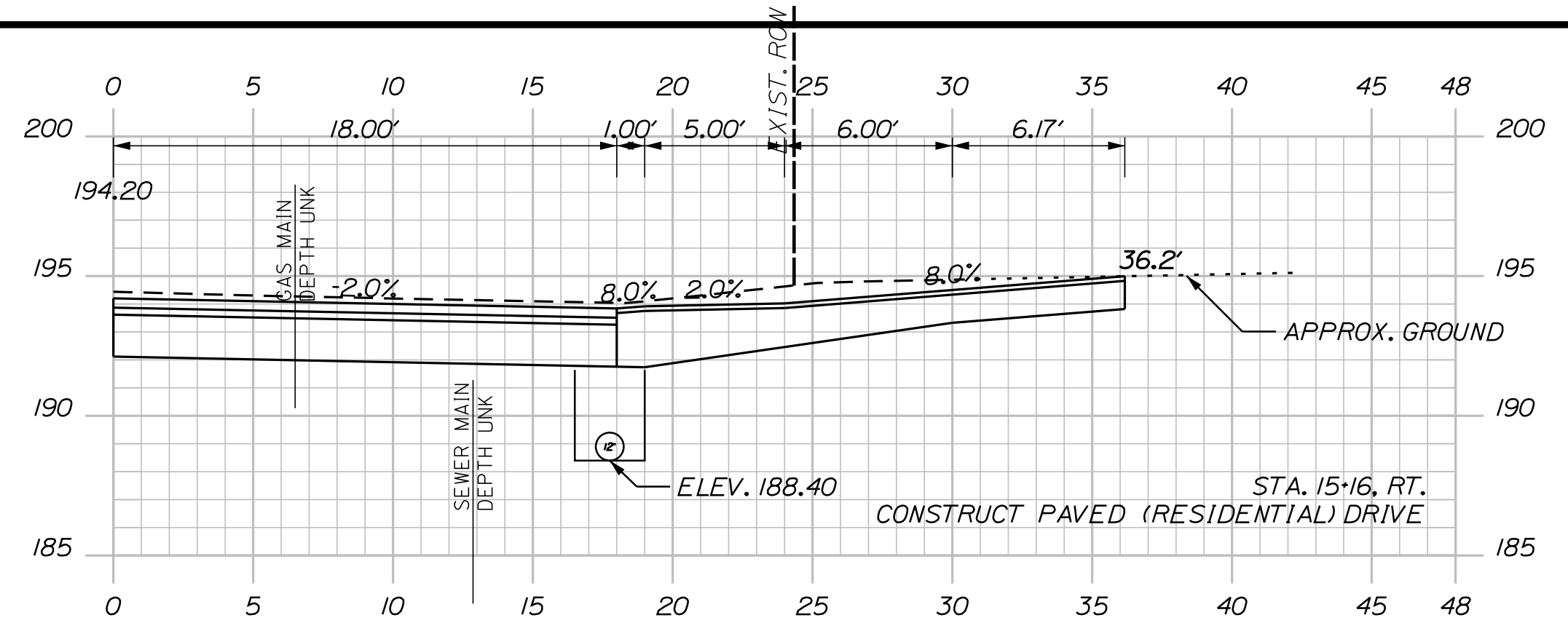
28

OF 62

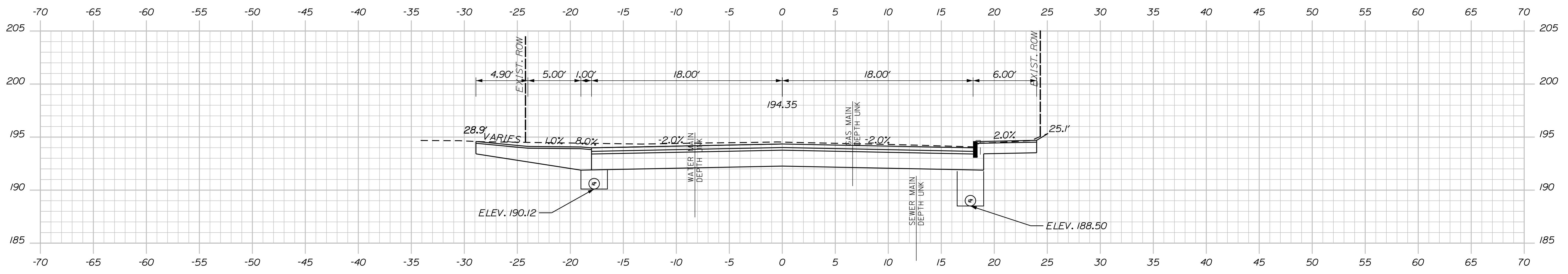
Username: jored.winchenboch Date: 1/25/2017

Division: HIGHWAY

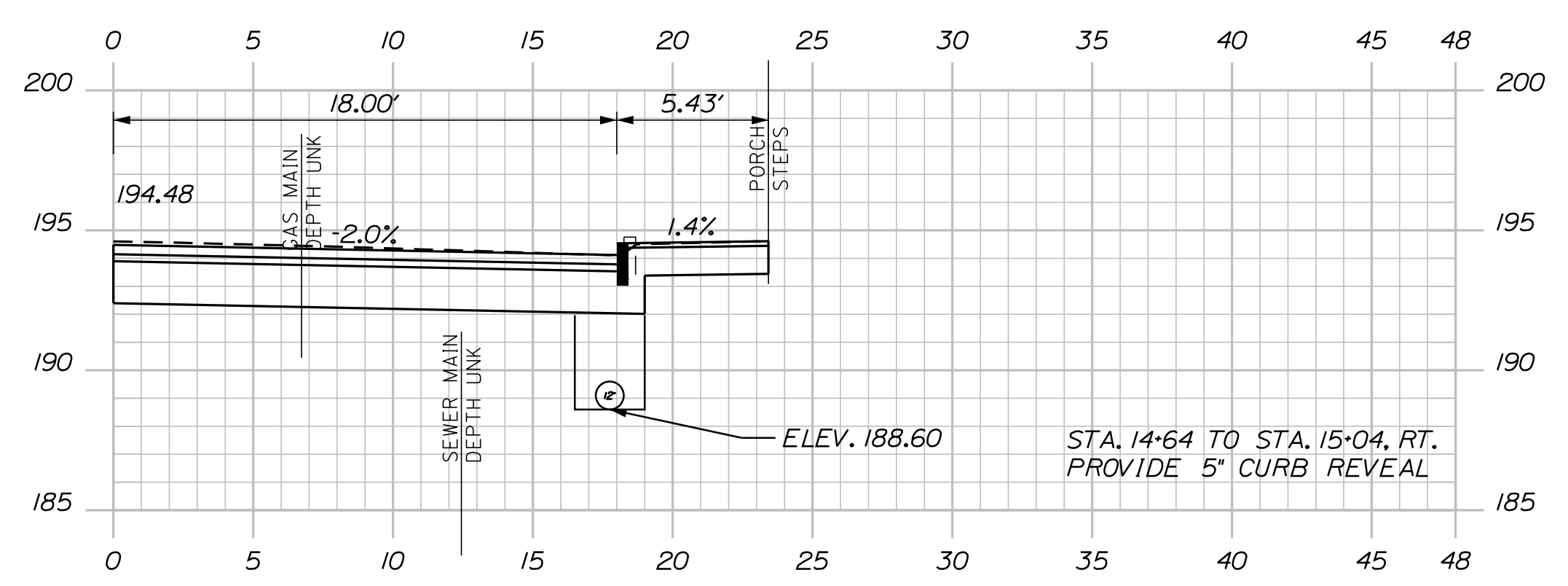
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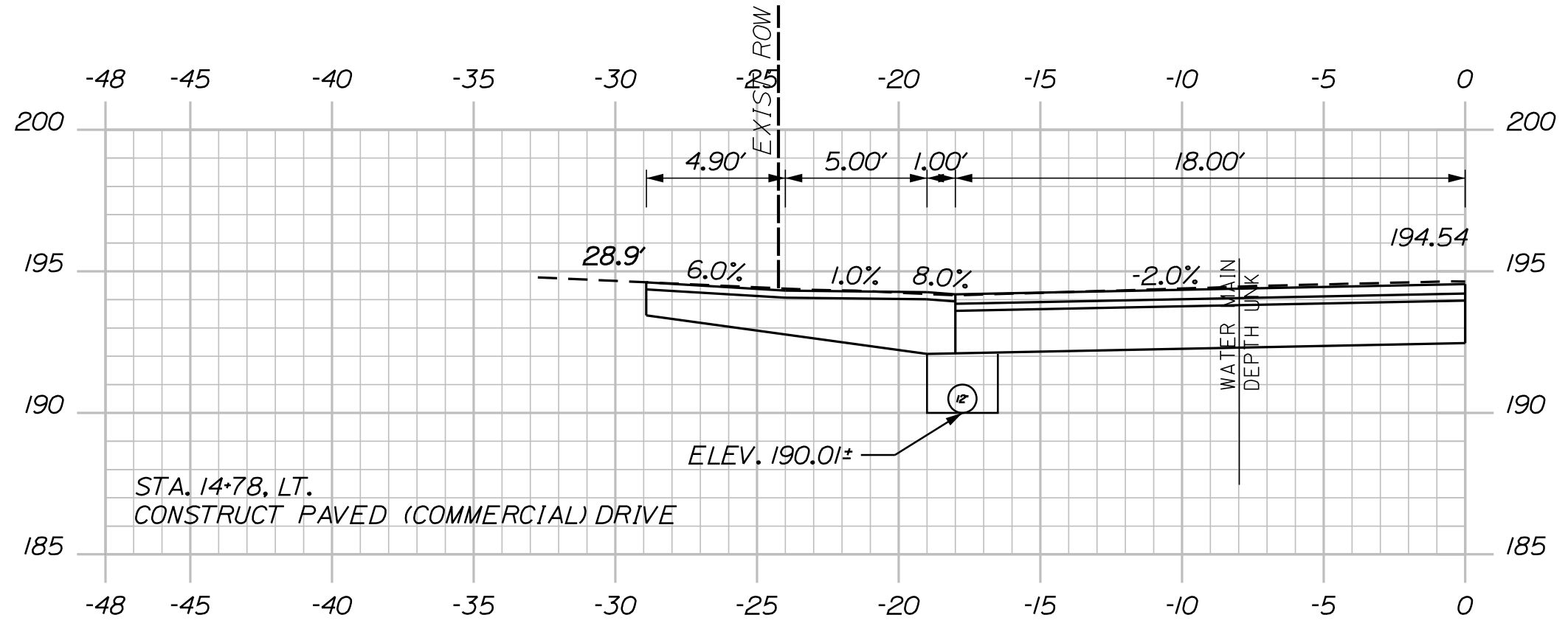
15+16.00 RT DRIVE



15+00.00



14+85.00 RT WALK



14+78.00 LT DRIVE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
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REVISIONS 2		
REVISIONS 3		
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FIELD CHANGES		

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

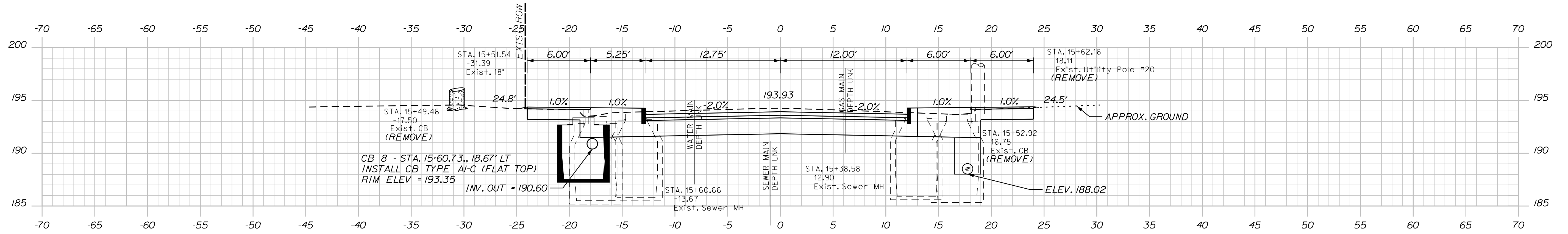
29

OF 62

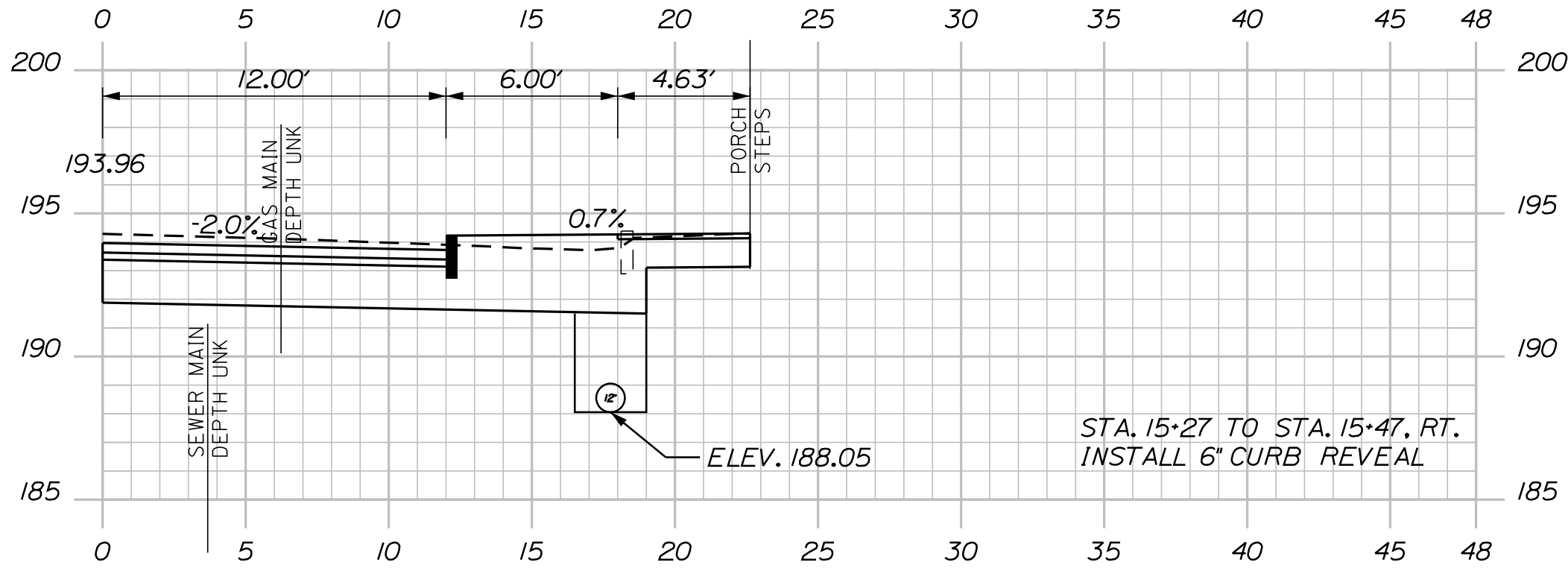
Username: jared.winchenbach Date: 1/26/2017

Division: HIGHWAY

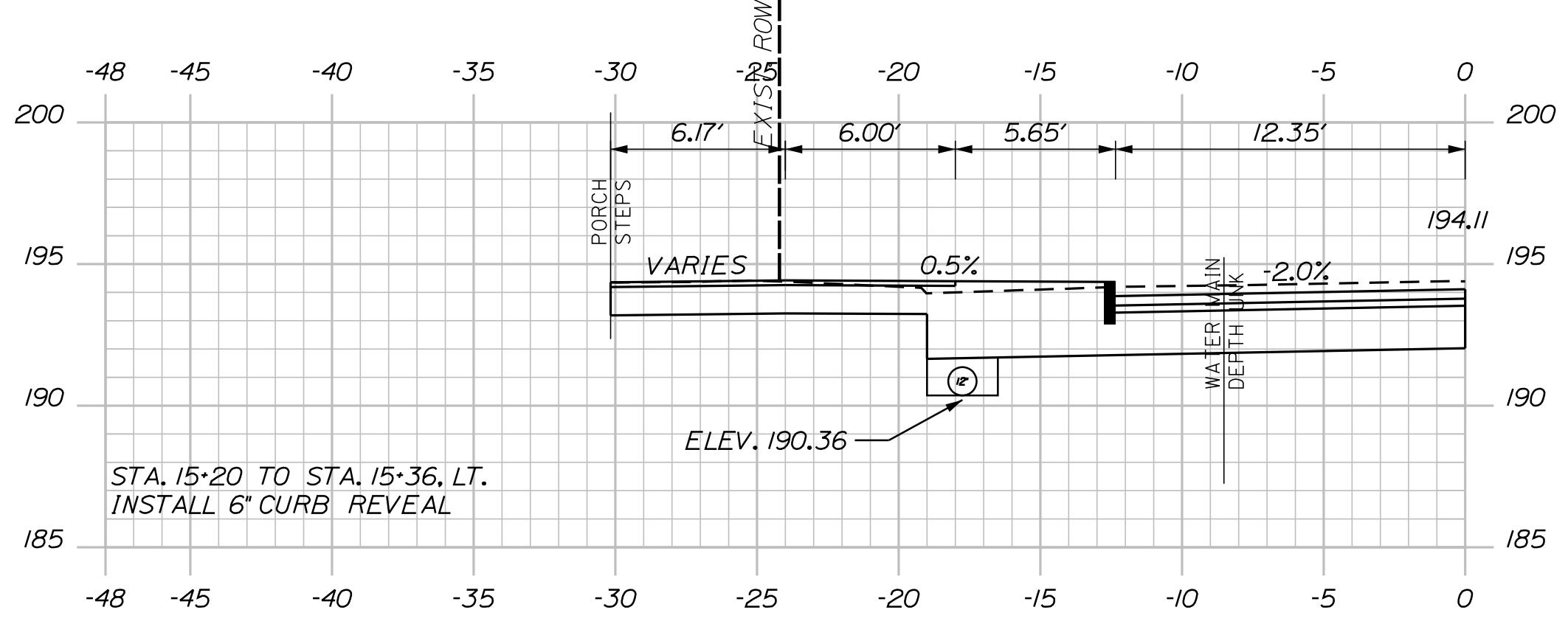
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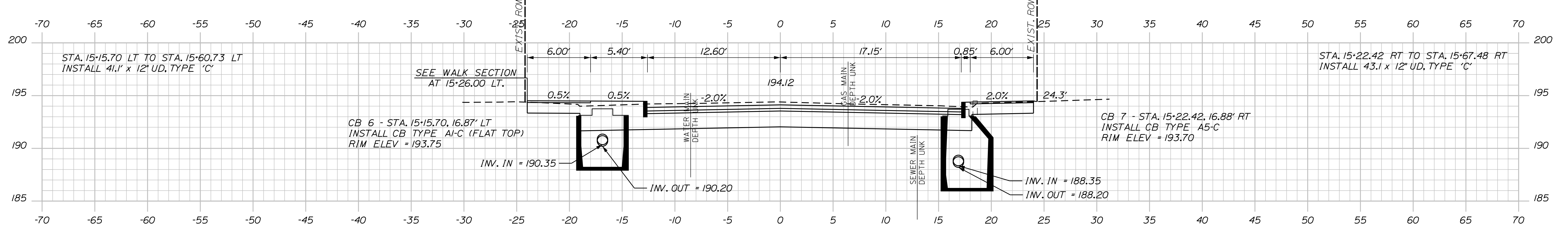
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15+46.00 RT WALK



15+26.00 LT WALK



15+25.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	12/16	JSW	12/16
CHECKED/REVIEWED	DGE		
DESIGN DETAILED			
REVISIONS 1			
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FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

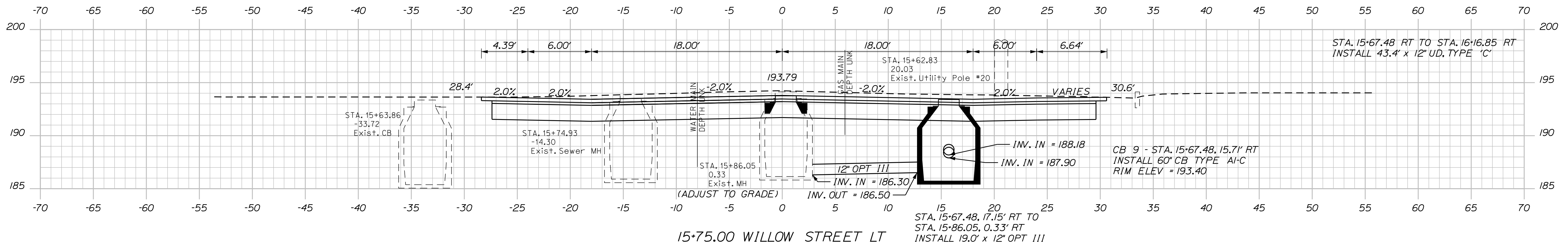
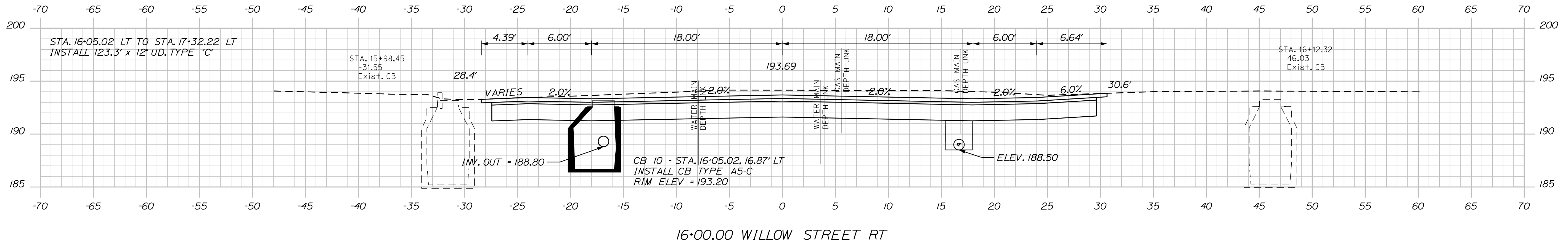
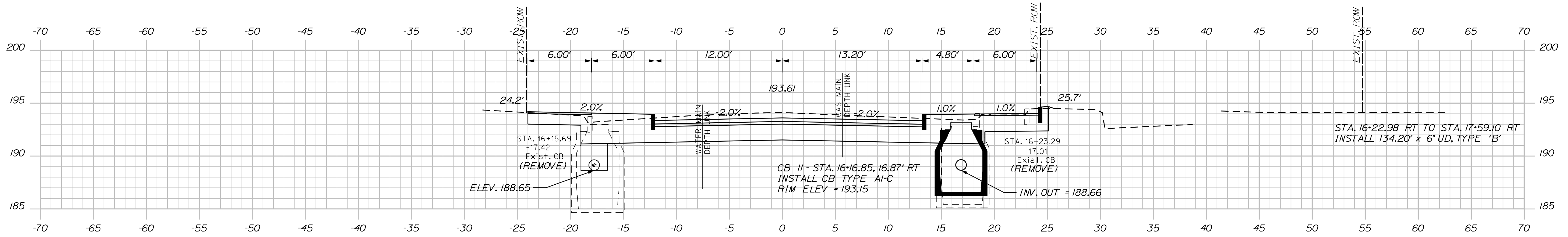
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OF 62

Username: jared.winchenboch Date: 1/25/2017

Division: HIGHWAY

Filename: ...AZ - CAD\00\highway\Xsec.dgn



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED		DGE	
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

31

OF 62

Username: jored.winchenbach Date: 1/25/2017

Division: HIGHWAY

Filename: ... \Z - CAD\00\highway\Xsec.dgn

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

DESIGN DETAILED
CHECKED-REVIEWED
DESIGN DETAILED
DESIGN DETAILED
REVISIONS 1
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REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE 12/16
BY JSW
SIGNATURE

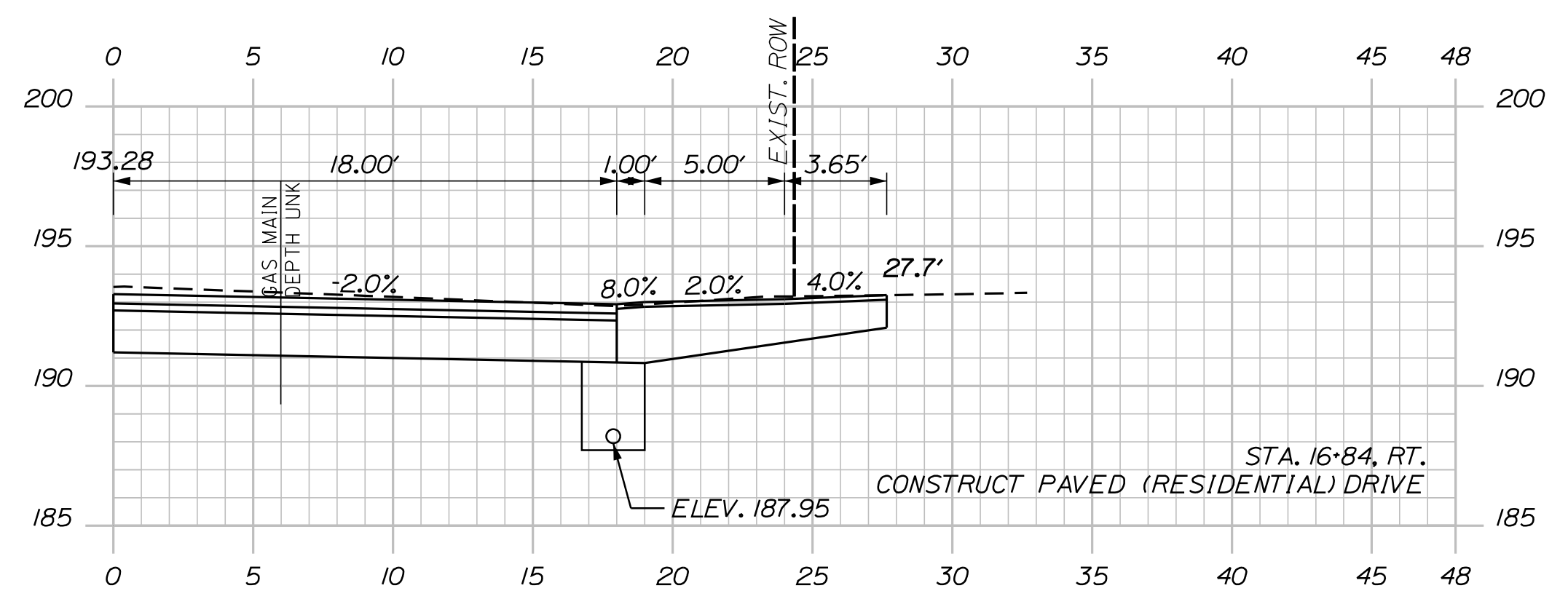
P.E. NUMBER
DATE

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

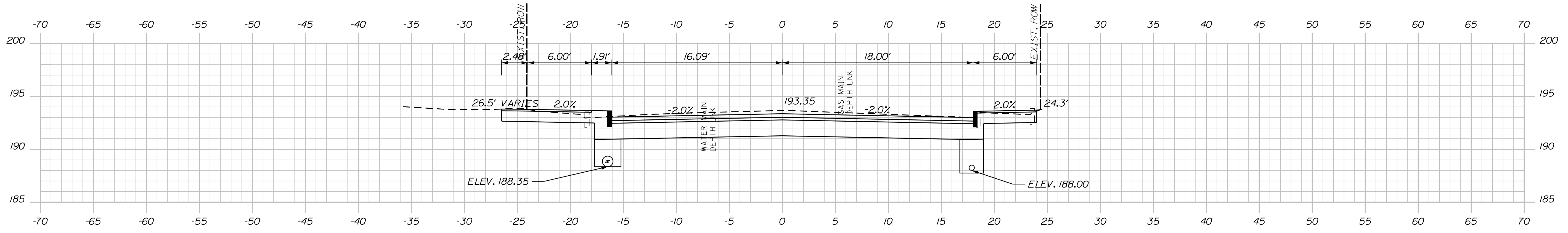
SHEET NUMBER

32

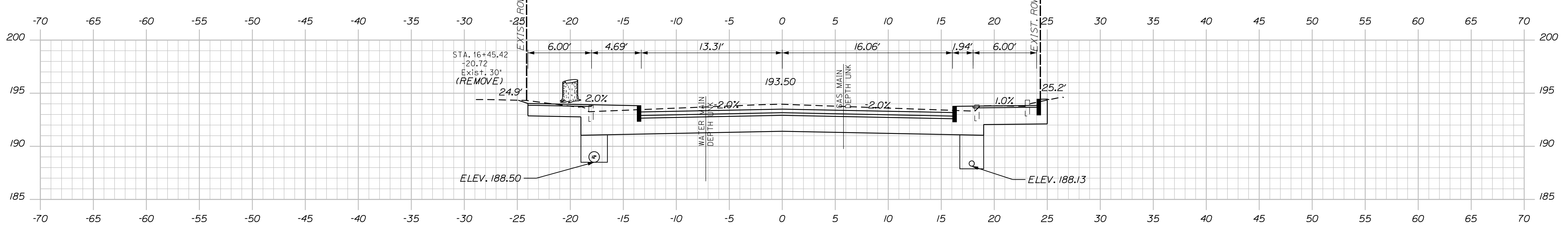
OF 62



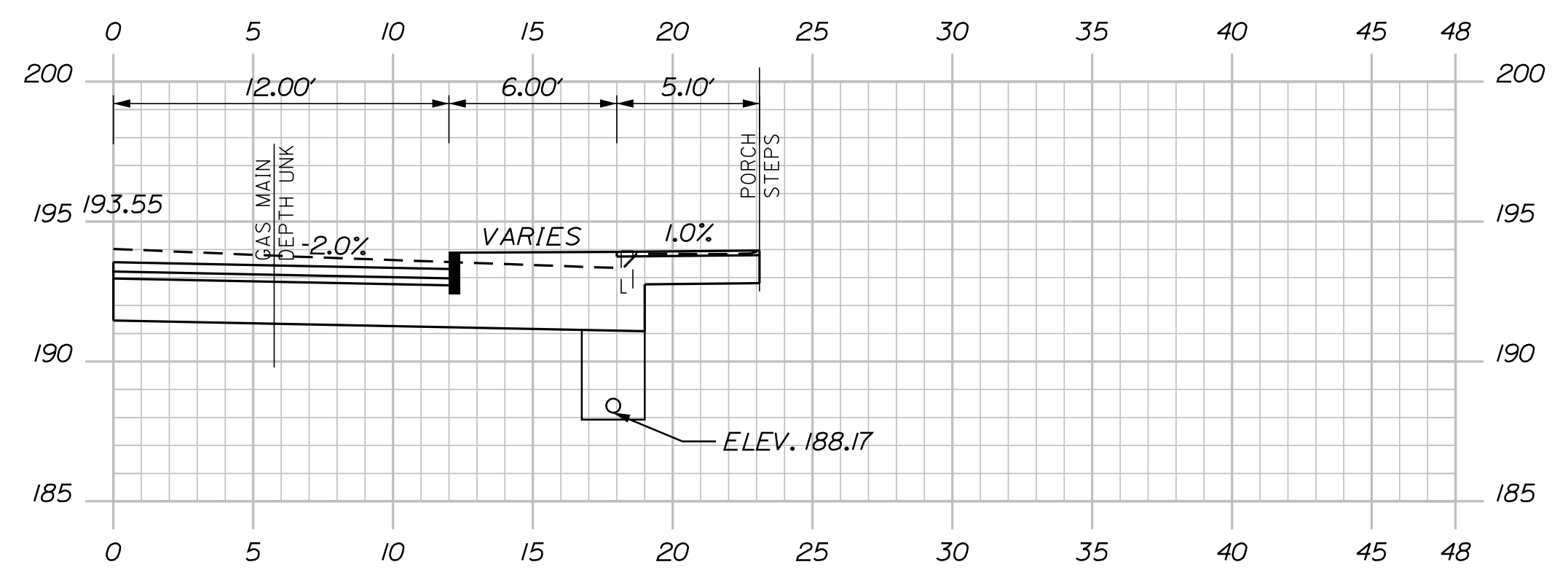
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16+75.00



16+50.00



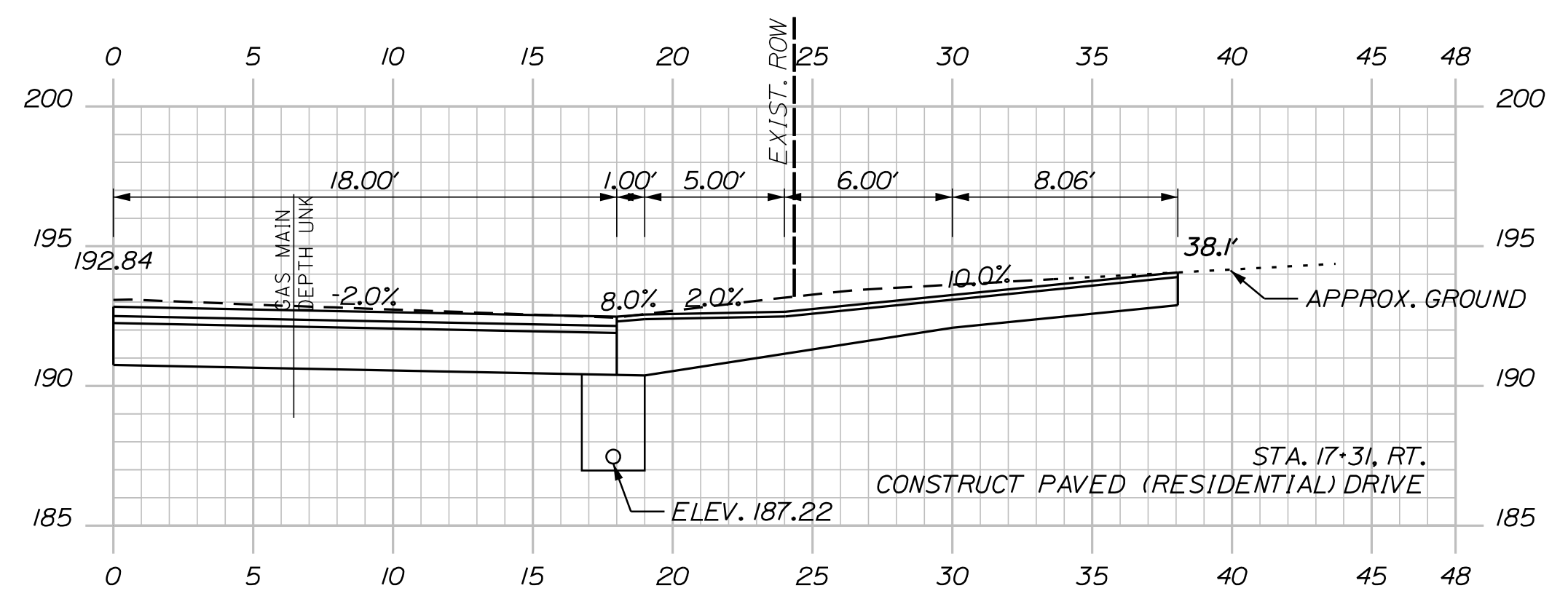
16+41.00 RT WALK

Username: jored.wirnenboch Date: 1/25/2017

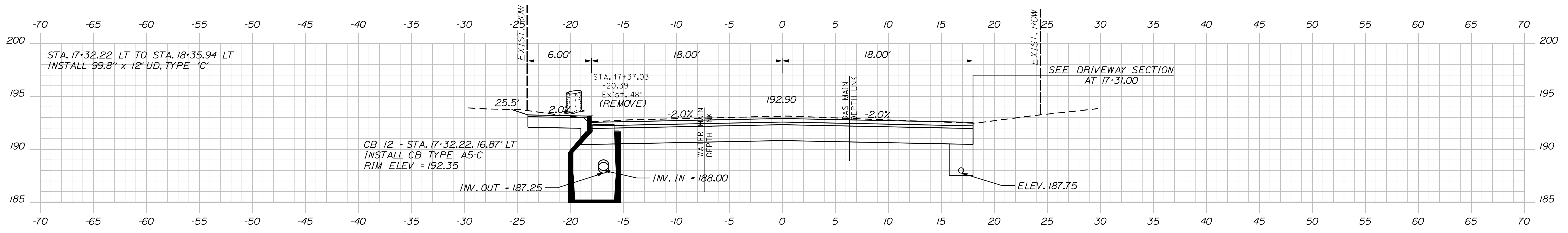
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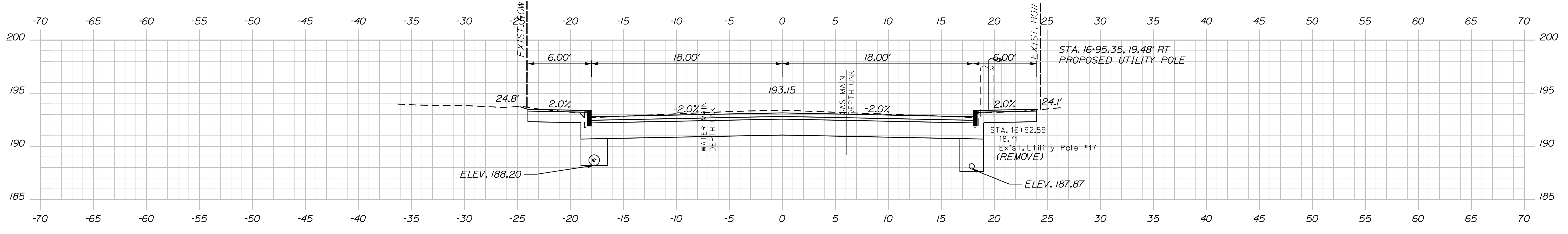
CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210



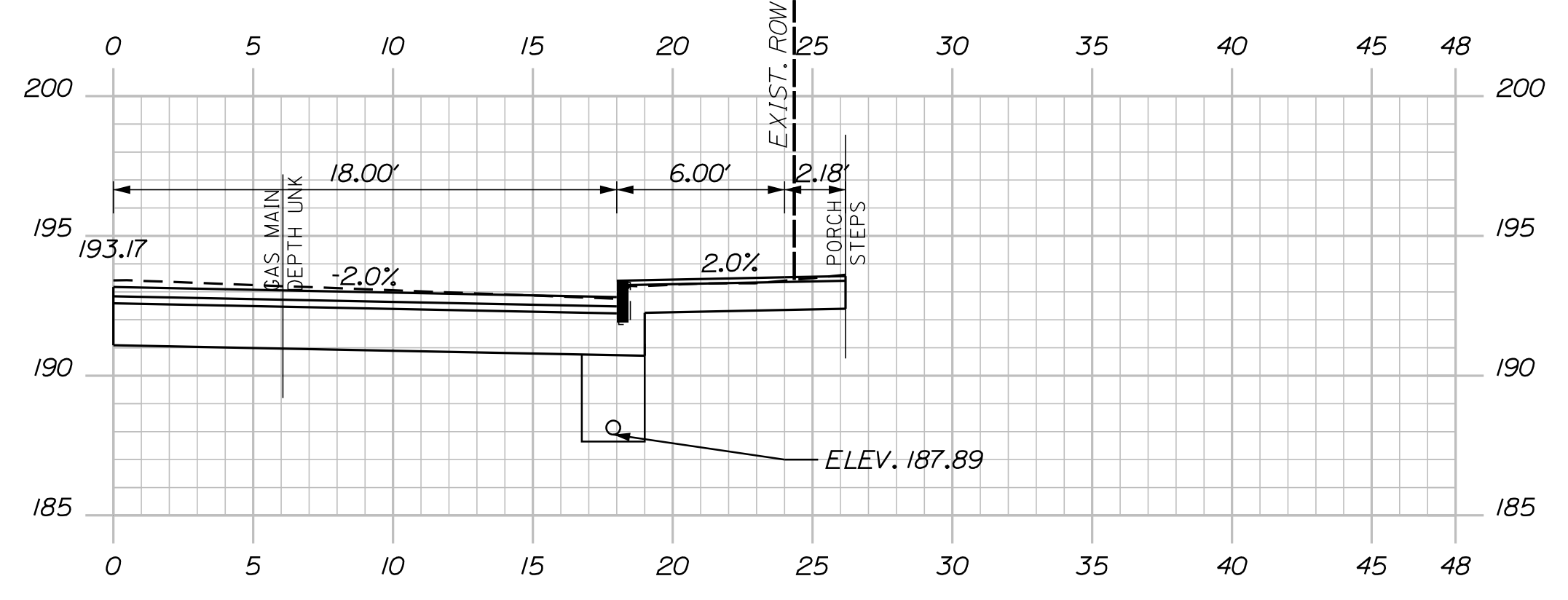
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17+25.00



17+00.00



16+97.00 RT WALK

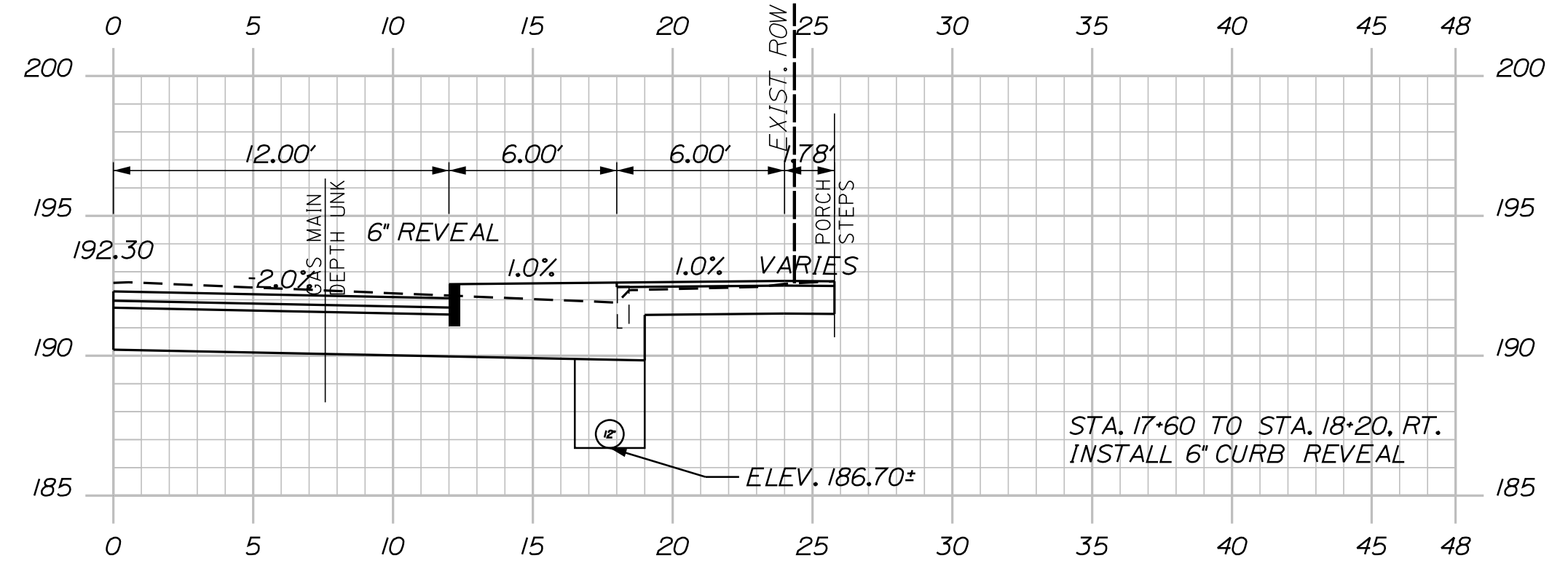
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AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

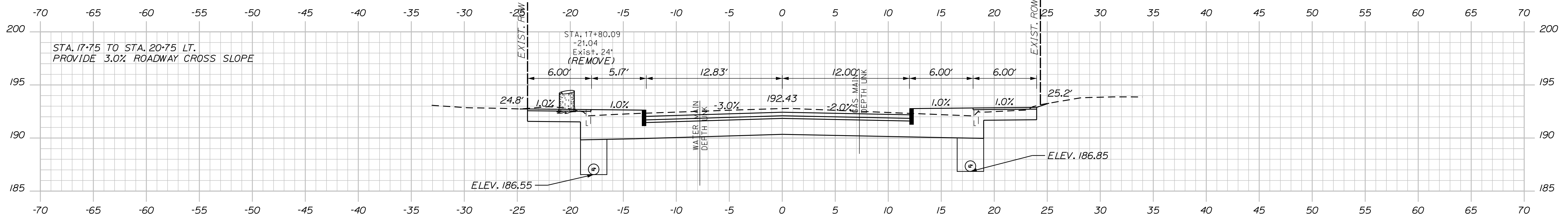
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33

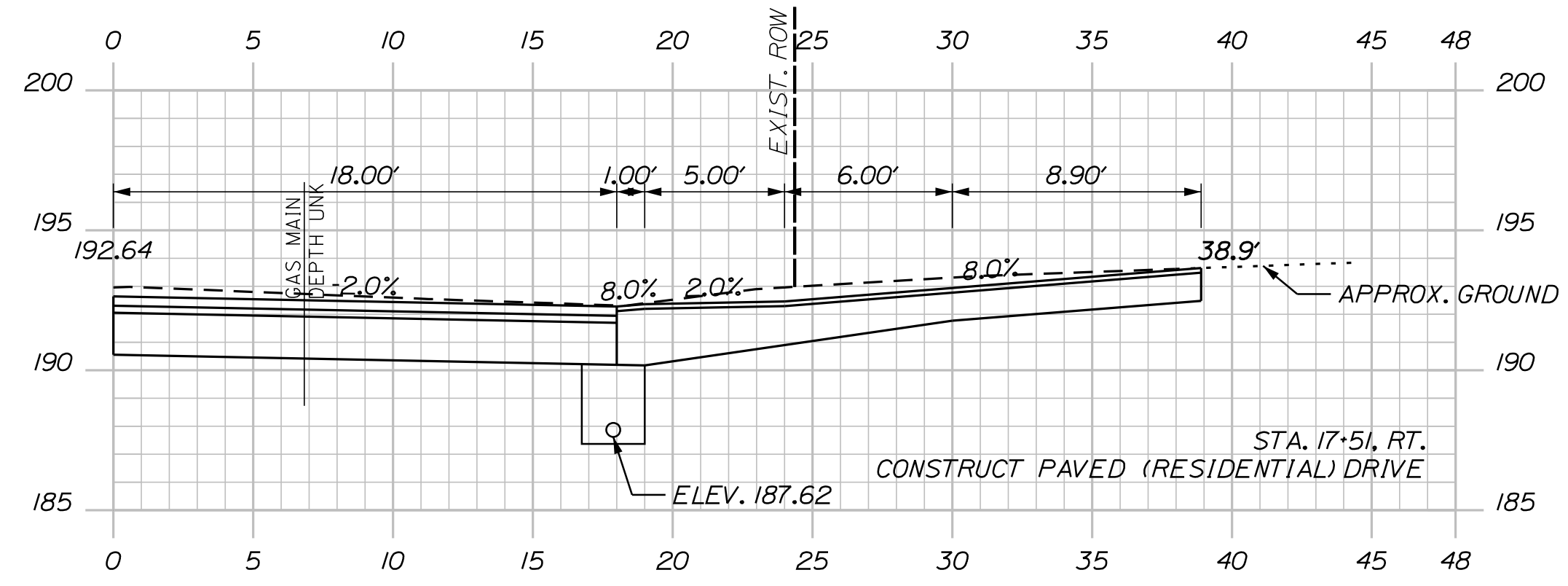
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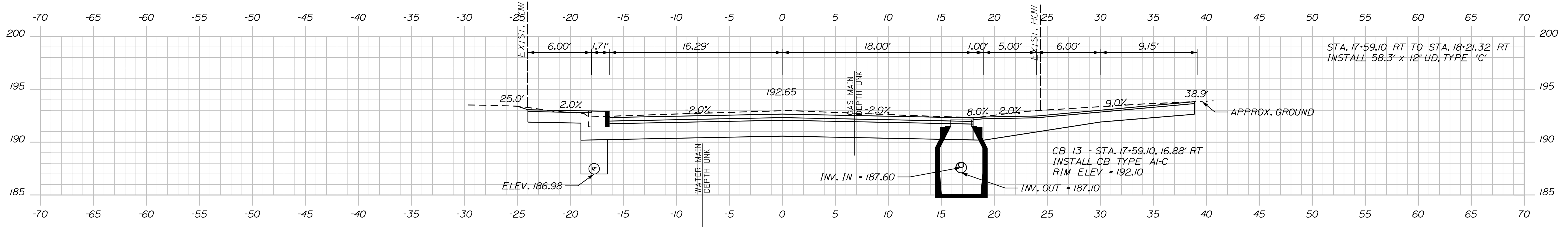
17+91.00 RT WALK



17+75.00



17+51.00 RT DRIVE



17+50.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED JSW	12/16	JSW	12/16
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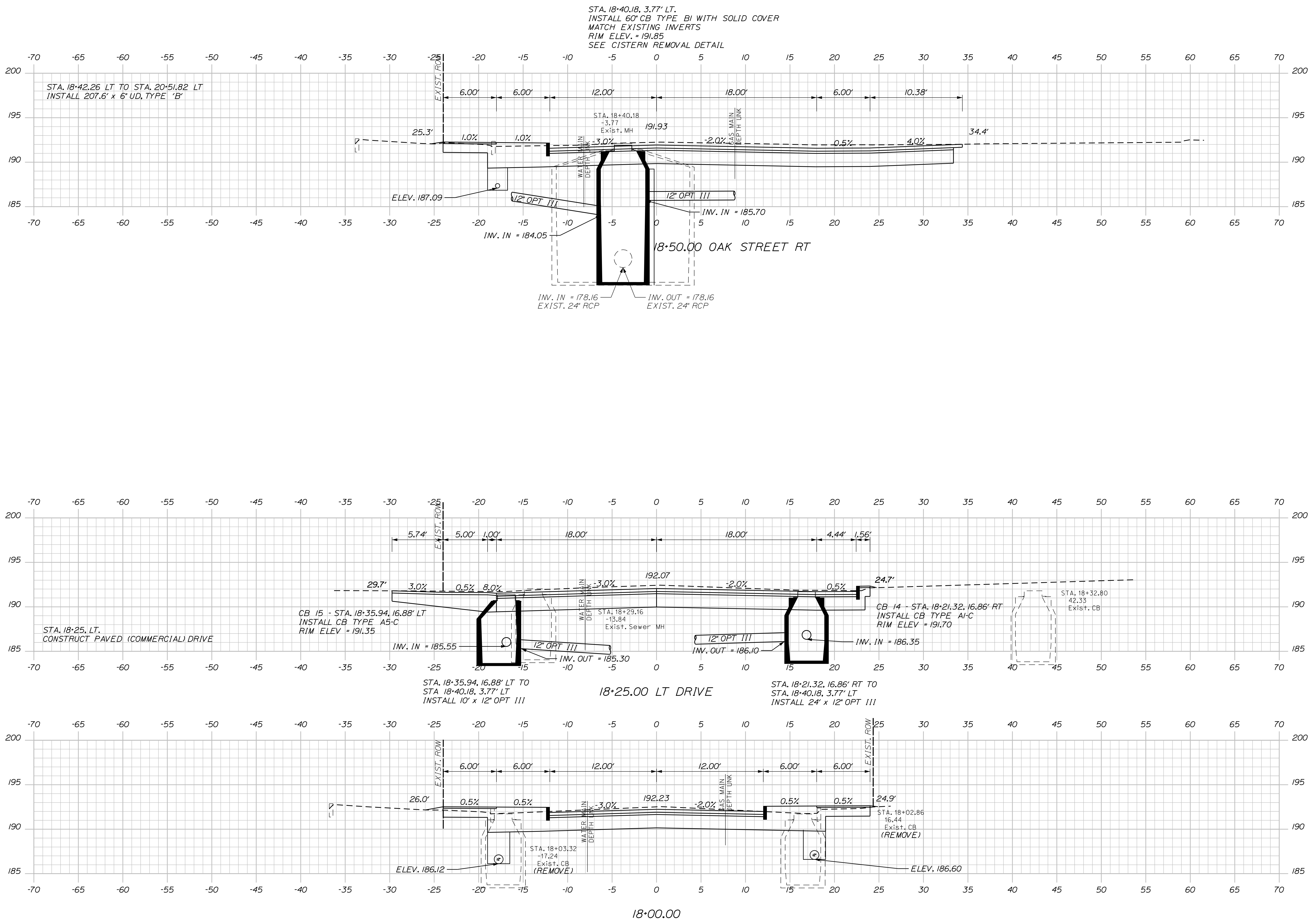
AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

34

OF 62

Filename: ...AZ - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jored.wirchenbach
 Date: 1/26/2017



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		
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FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

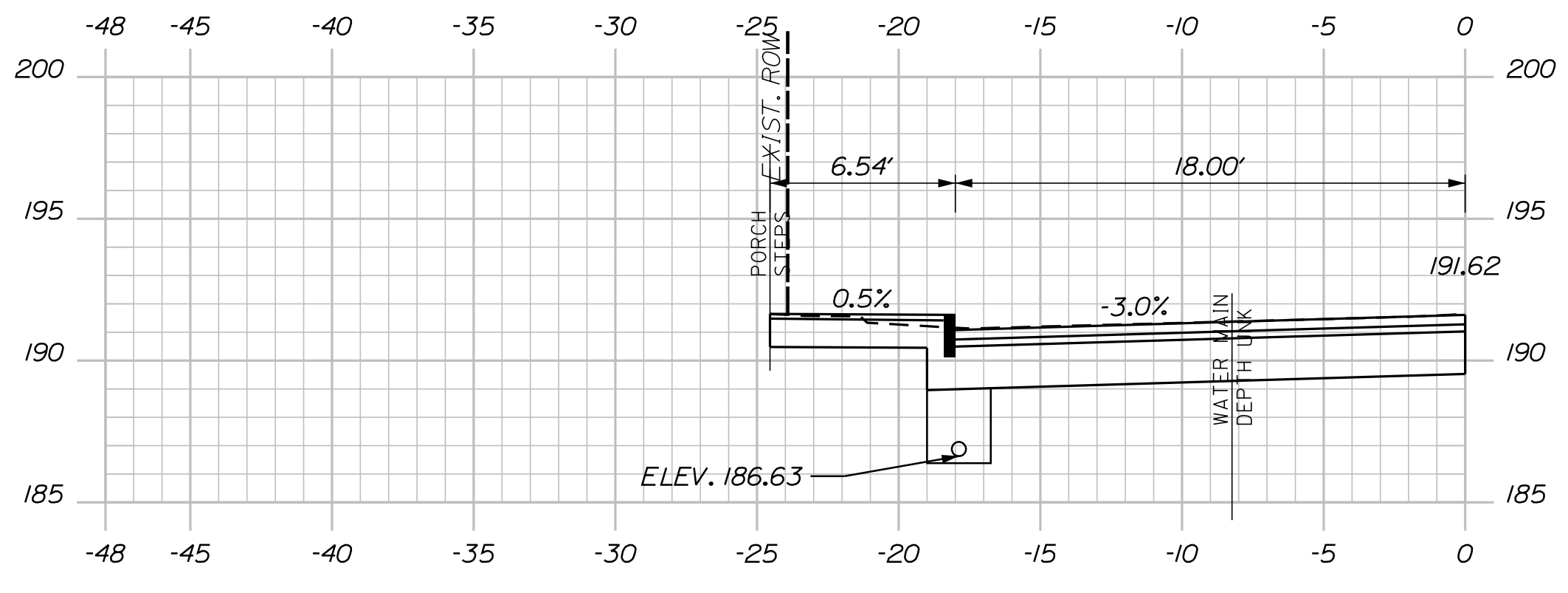
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 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
35
 OF 62

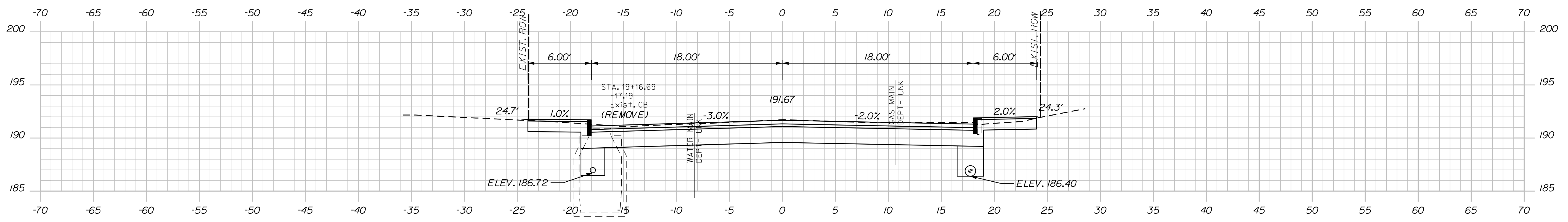
Username: jored.winchenbach Date: 1/25/2017

Division: HIGHWAY

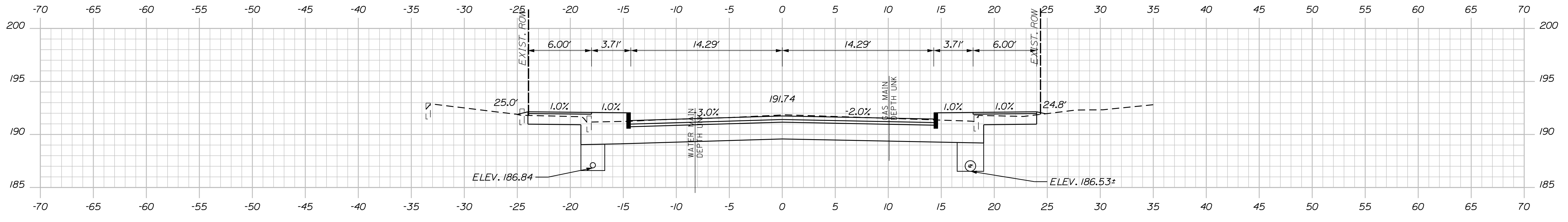
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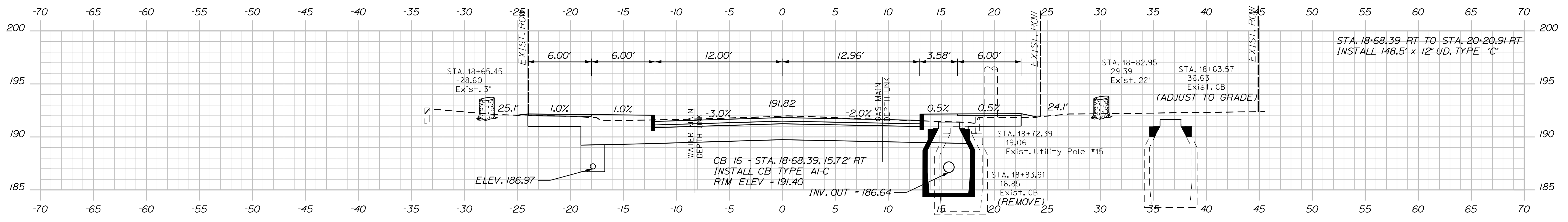
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19+25.00



19+00.00



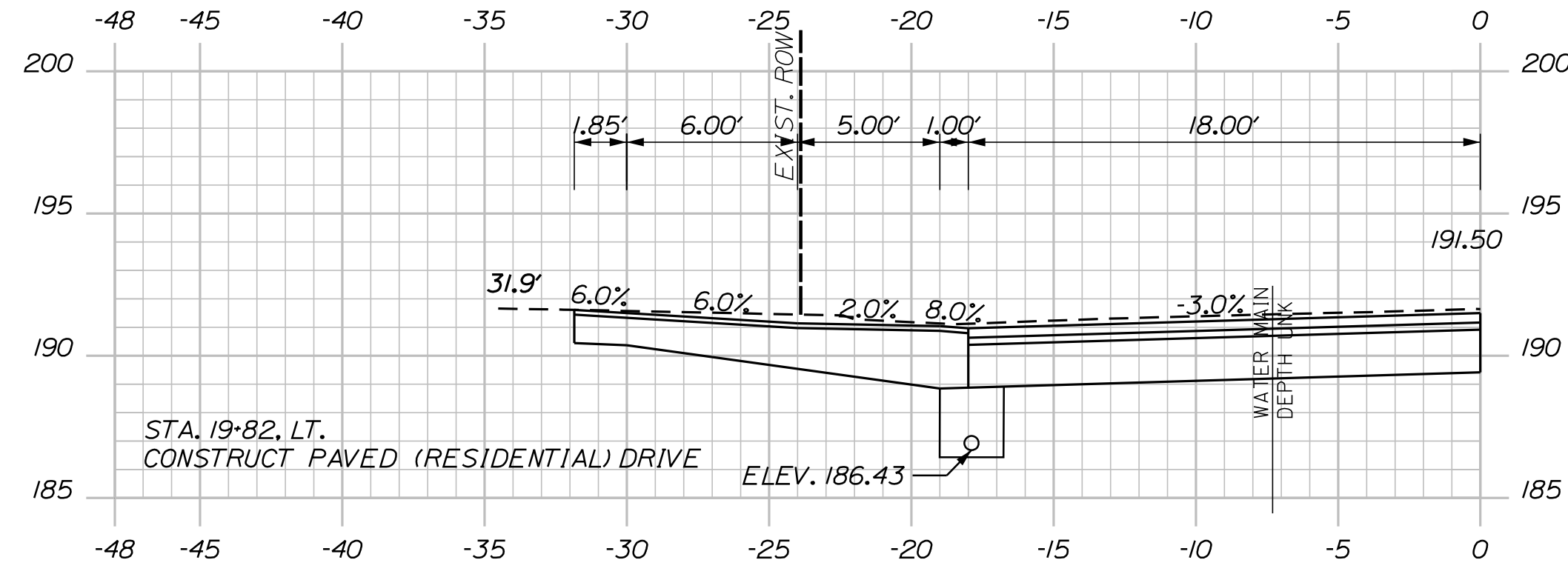
18+75.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

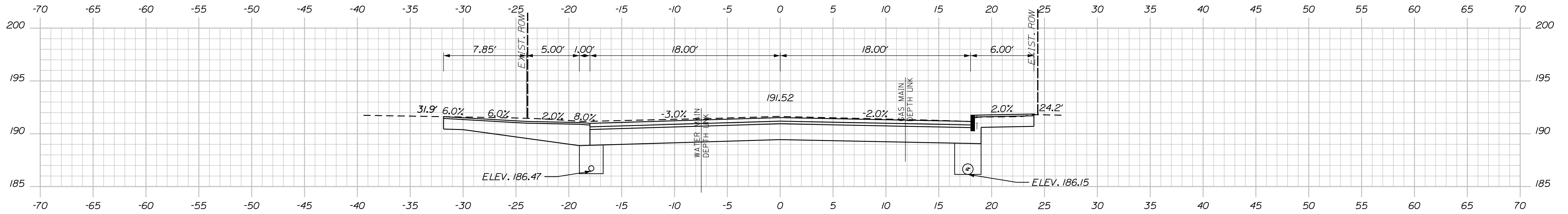
PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED JSW	12/16	JSW	12/16
CHECKED-REVIEWED DJE			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

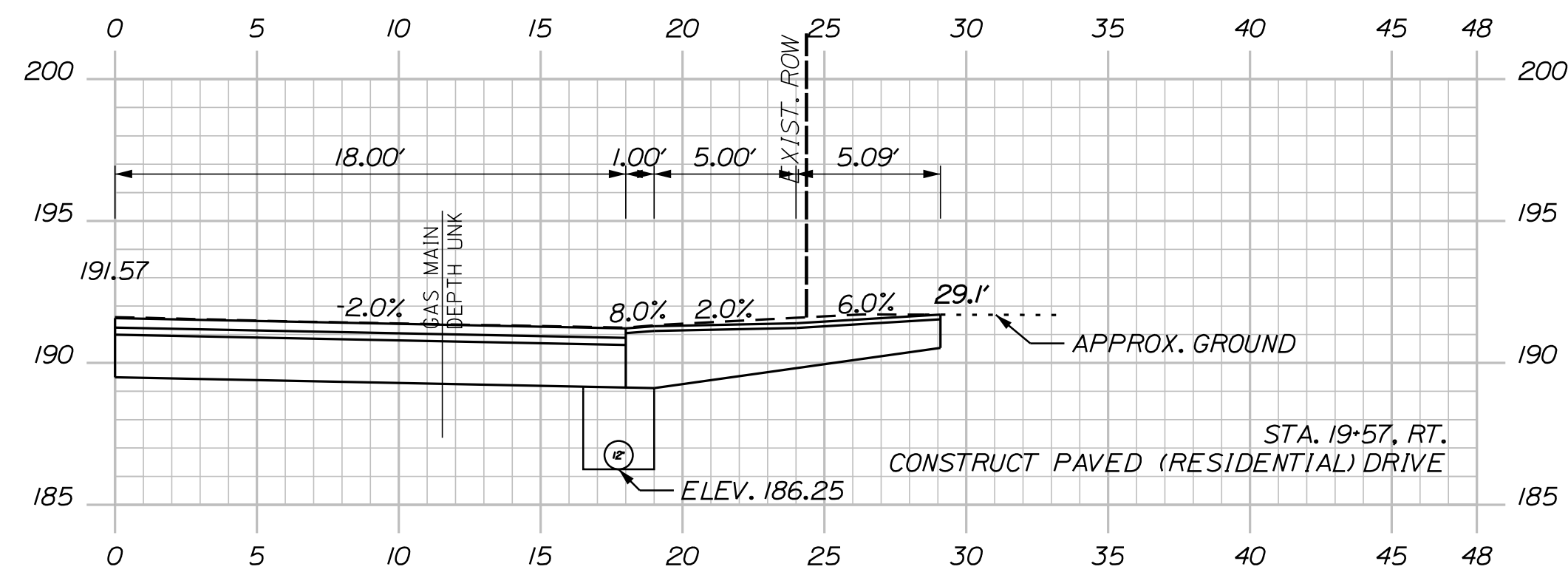
SHEET NUMBER
36
OF 62



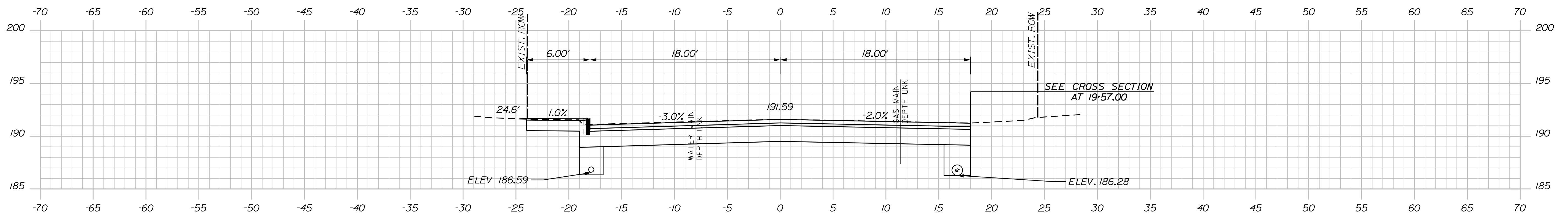
19+82.00 LT DRIVE



19+75.00



19+57.00 RT DRIVE



19+50.00

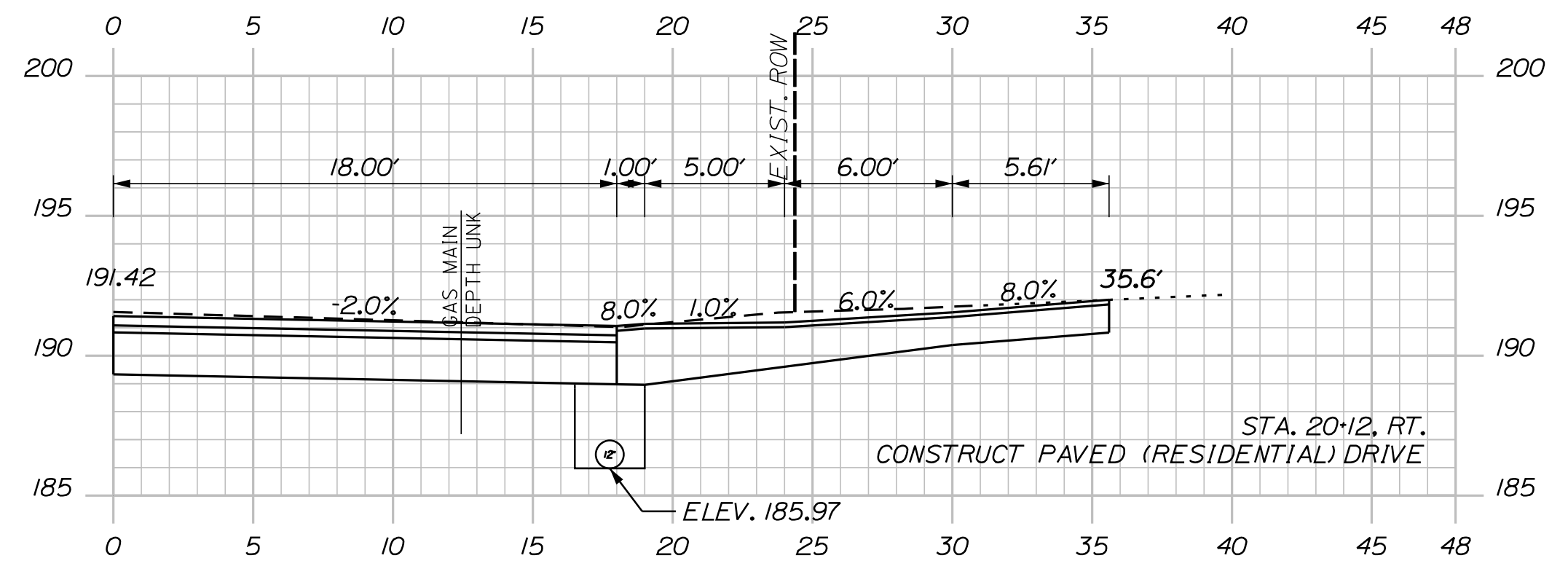
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

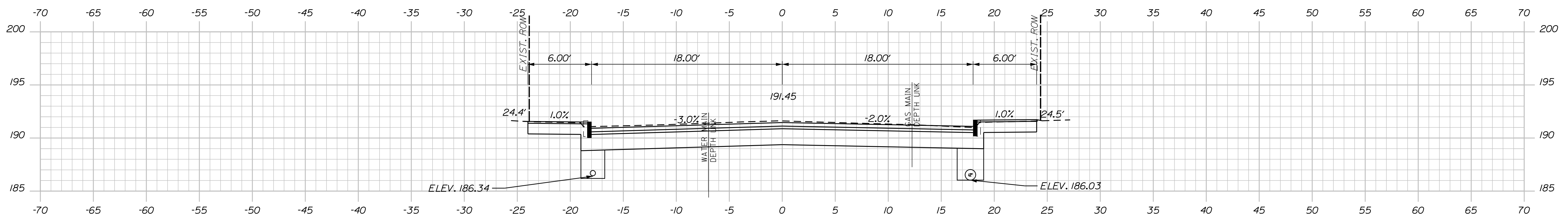
SHEET NUMBER

37

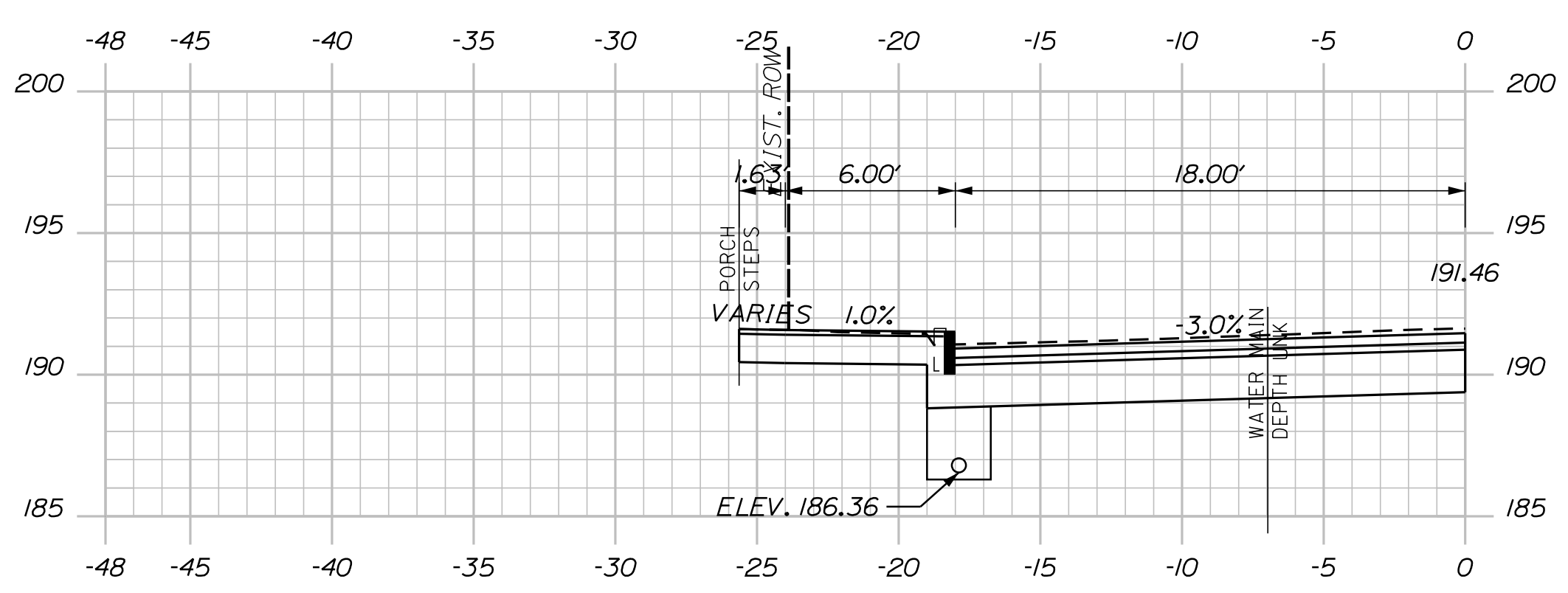
OF 62



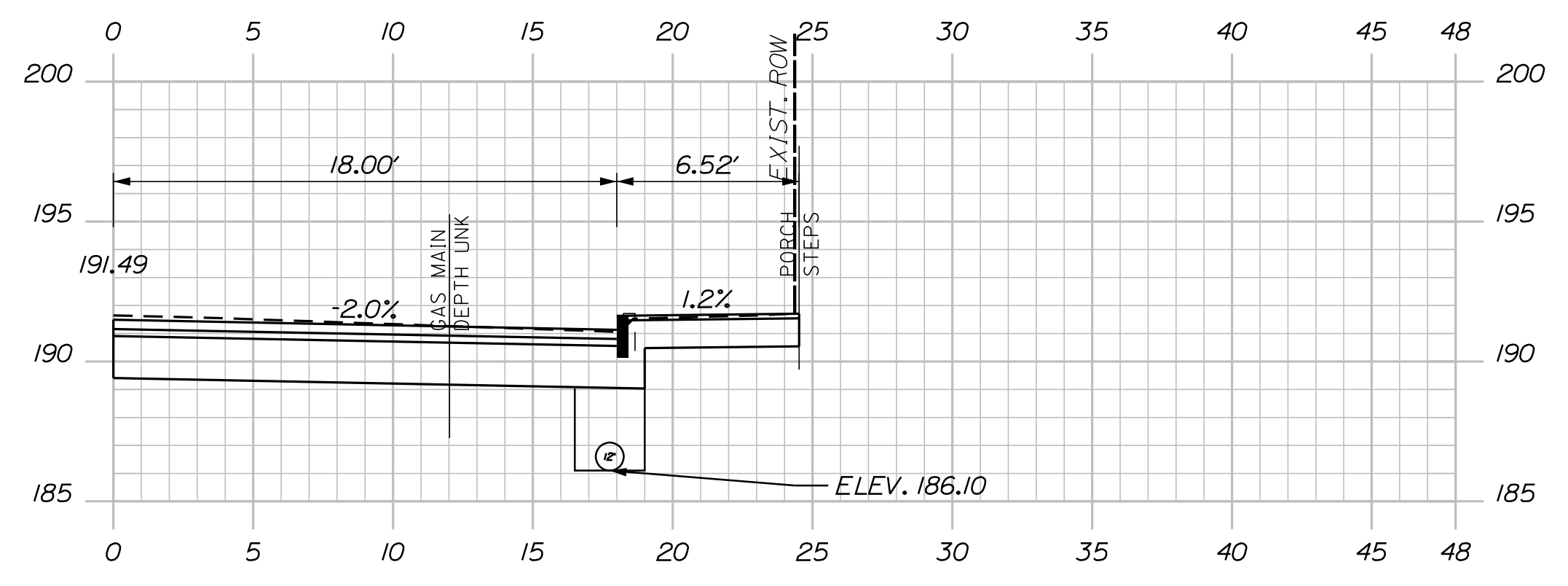
20+12.00 RT DRIVE



20+00.00



19+96.00 LT WALK



19+86.00 RT WALK

PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DGE		12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

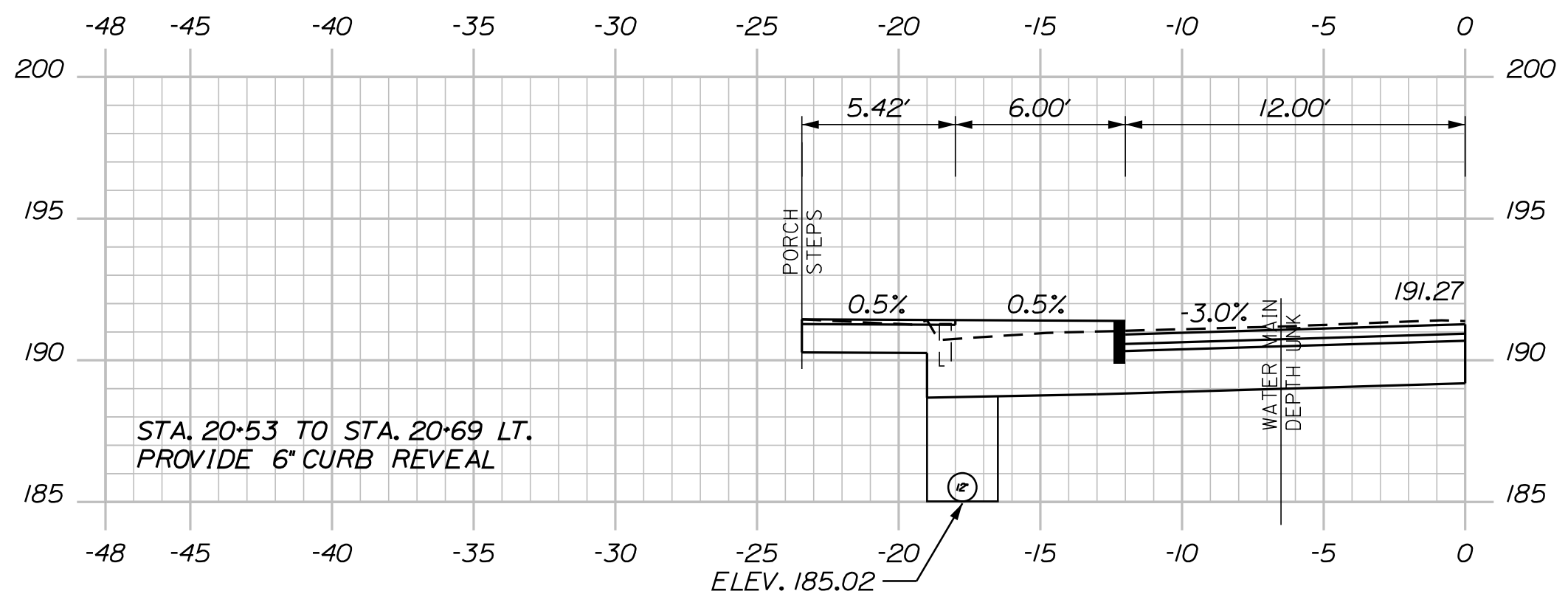
38

OF 62

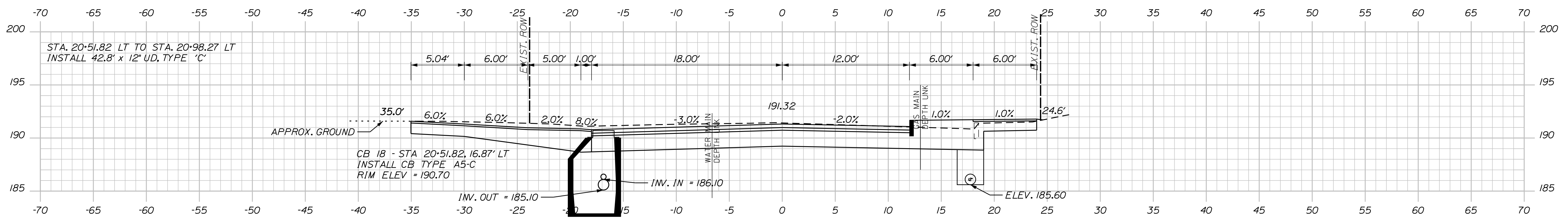
Username: jared.winchenbach Date: 1/25/2017

Division: HIGHWAY

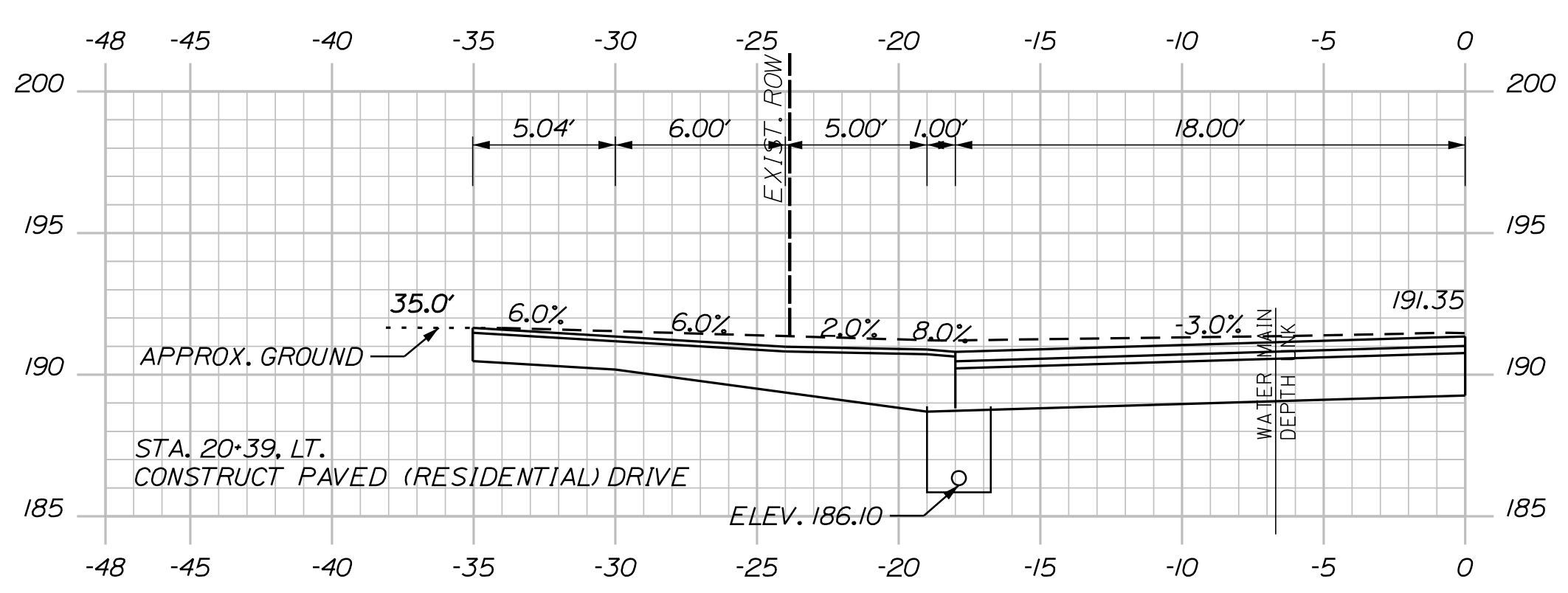
Filename: ... \Z - CAD\00\highway\Xsec.dgn



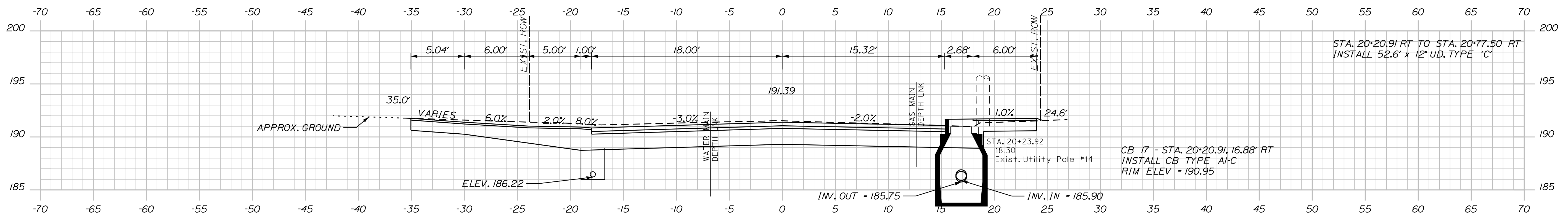
20+68.00 LT WALK



20+50.00



20+39.00 LT DRIVE



20+25.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

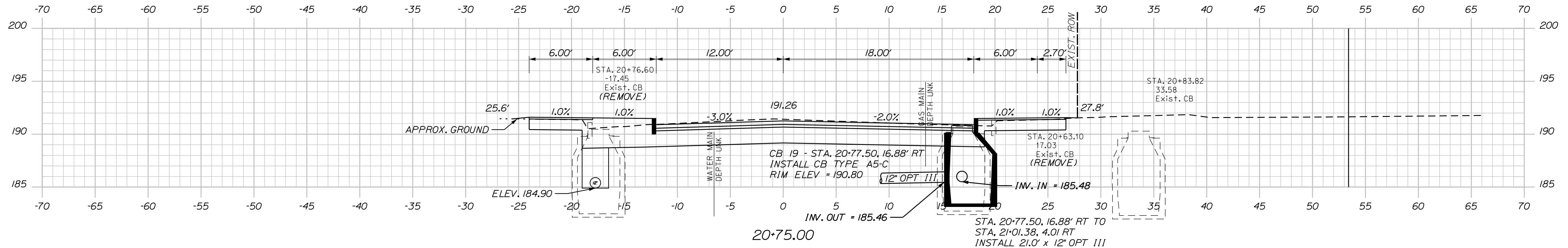
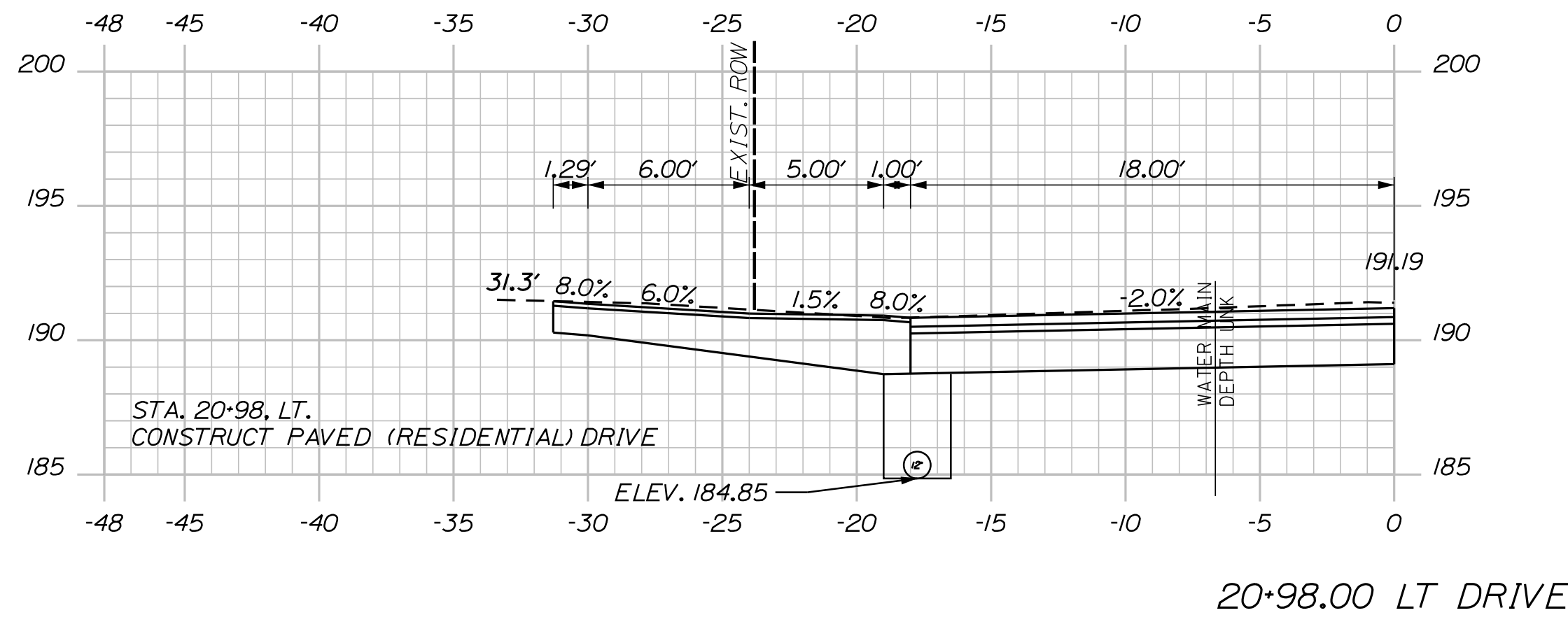
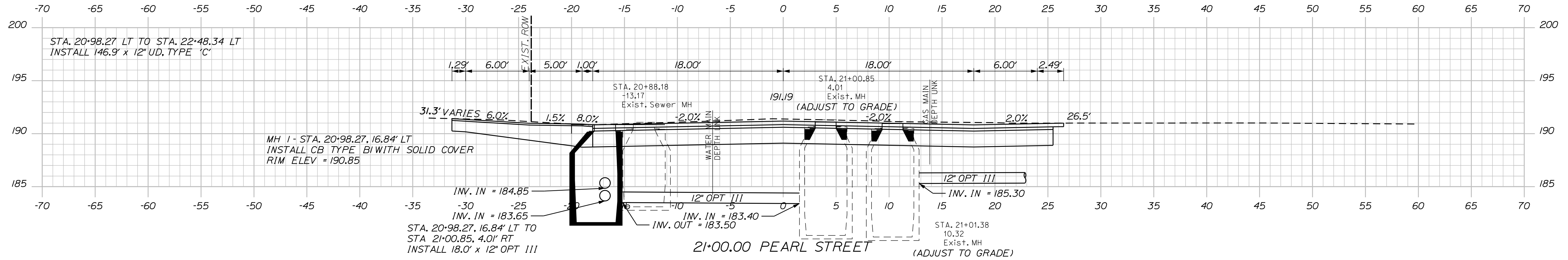
PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED		DGE	
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

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CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN DETAILED	JSW	12/16
CHECKED-REVIEWED	DGE	12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

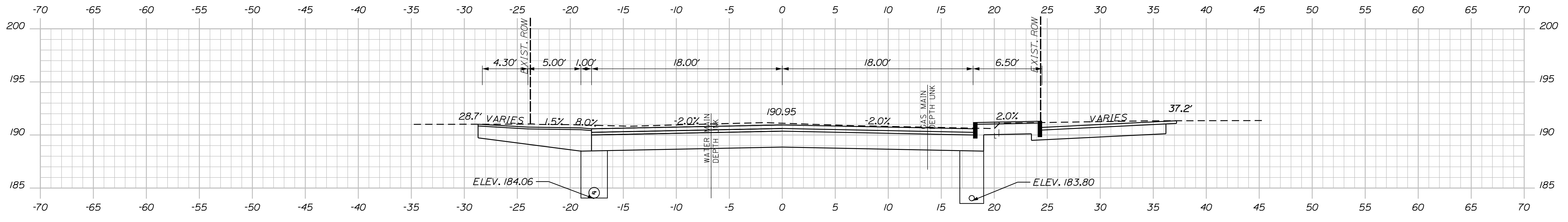
AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER
40
OF 62

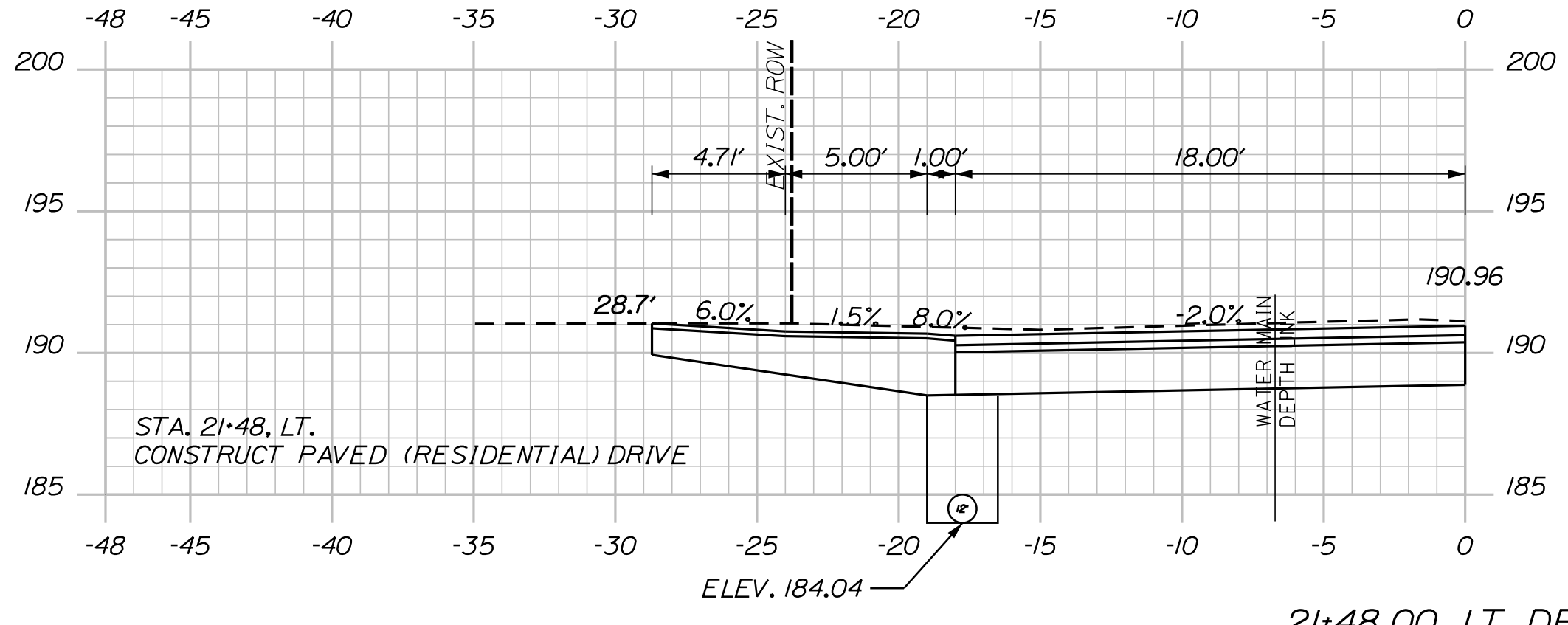
Username: jared.winchenbach Date: 1/25/2017

Division: HIGHWAY

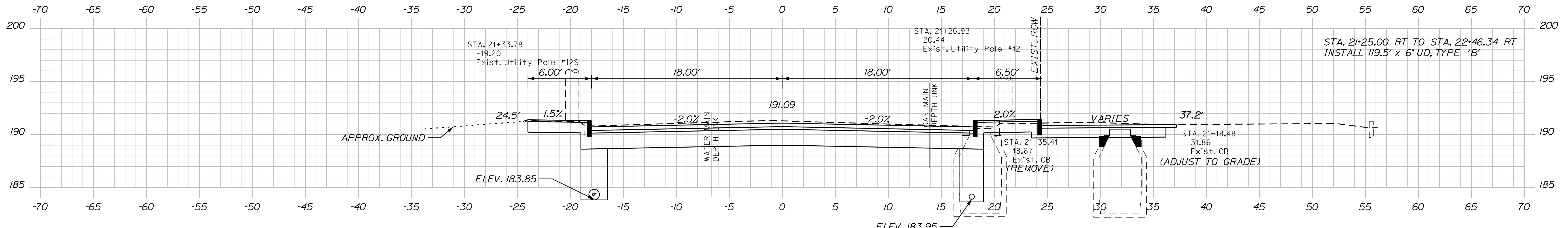
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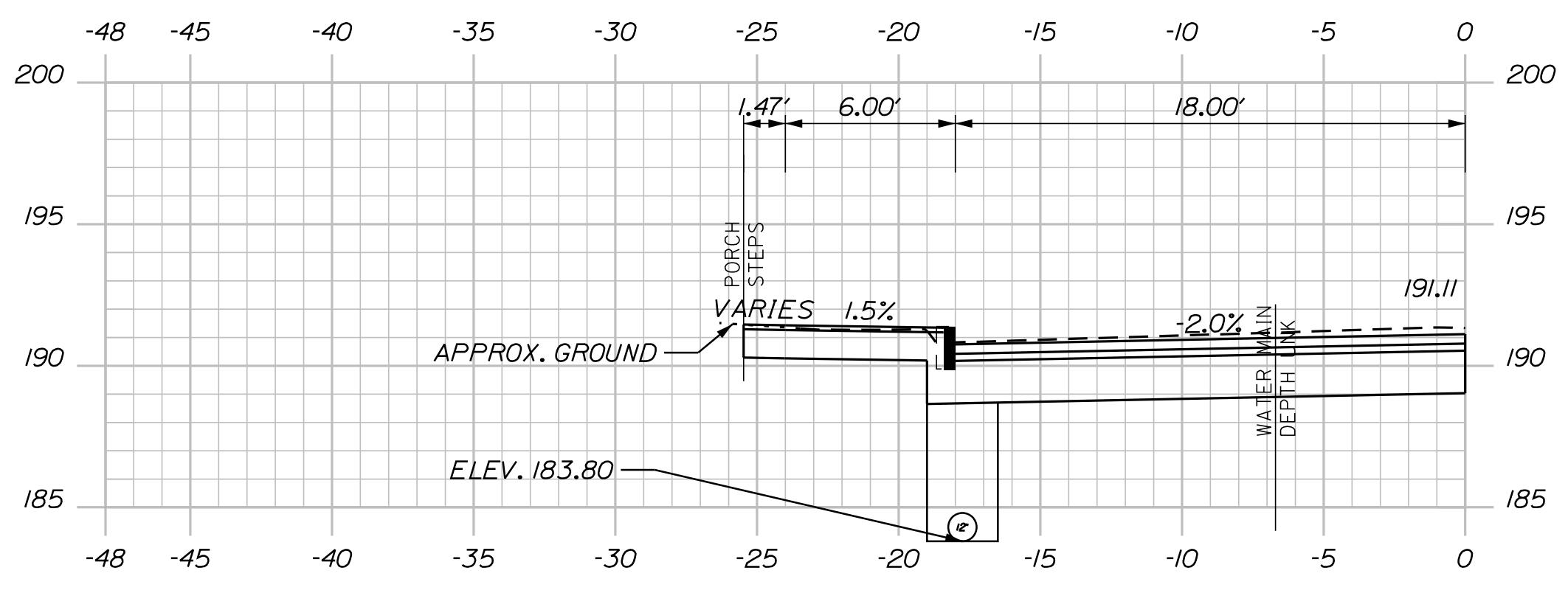
21+50.00



21+48.00 LT DRIVE



21+25.00



21+19.00 LT WALK

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

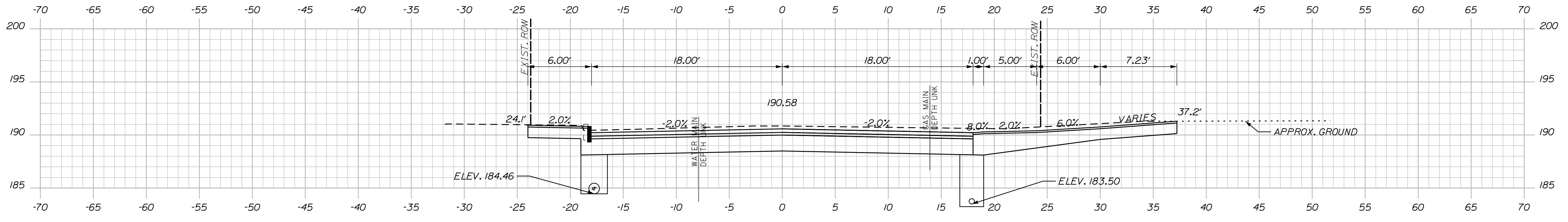
41

OF 62

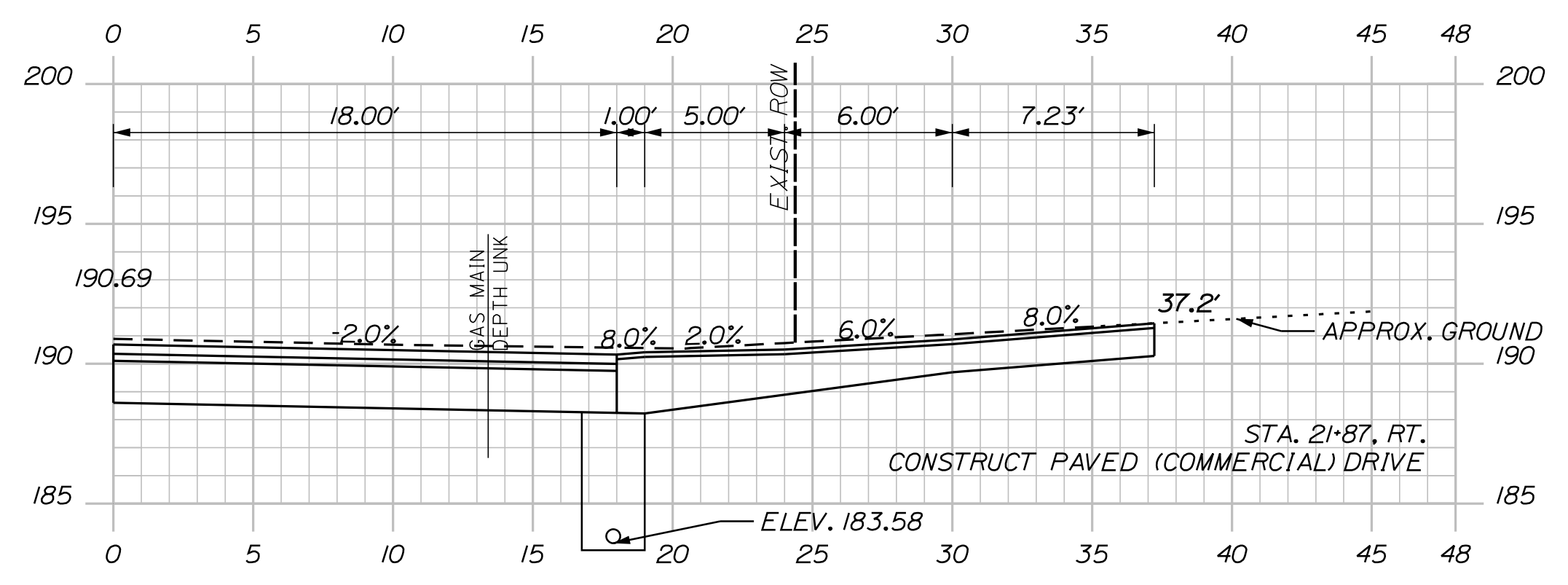
Username: jared.winchenbach Date: 1/25/2017

Division: HIGHWAY

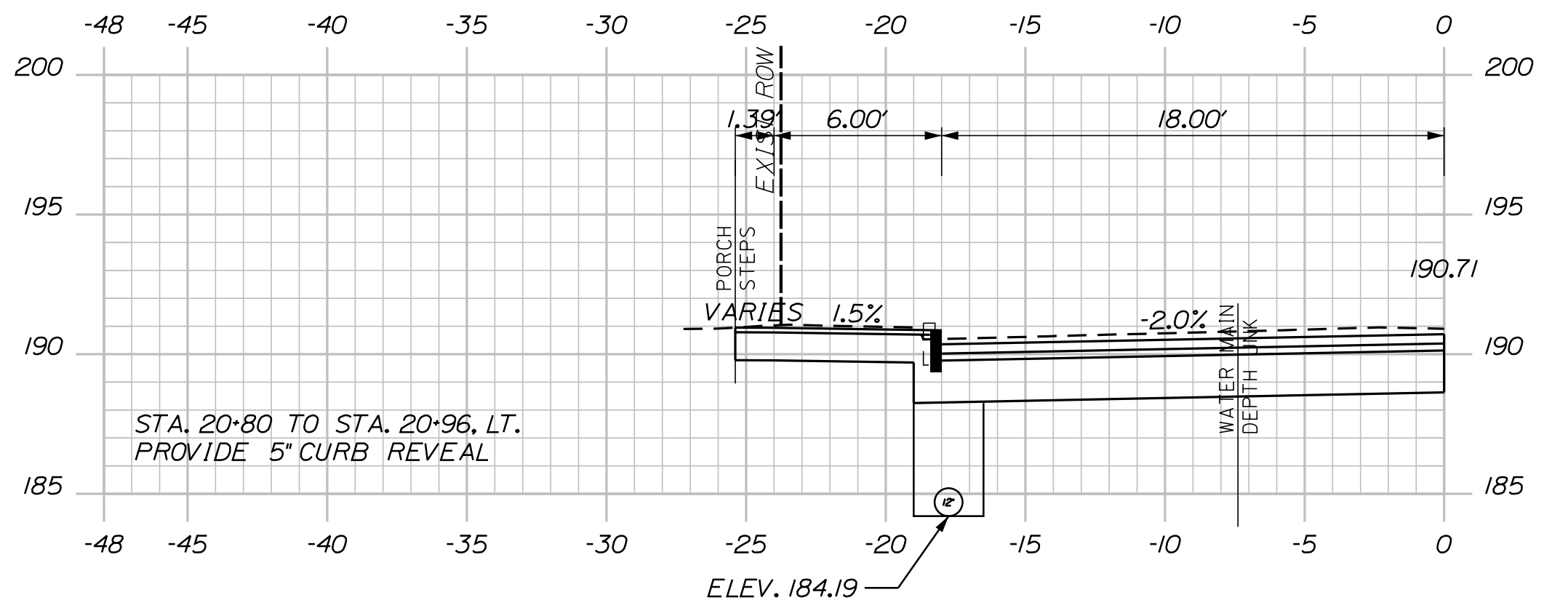
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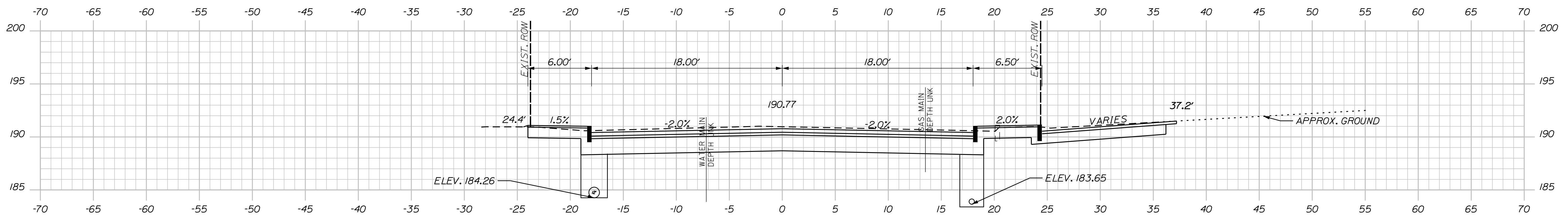
22+00.00



21+87.00 RT DRIVE



21+83.00 LT WALK



21+75.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED JSW	12/16	JSW	12/16
CHECKED-REVIEWED DJE			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

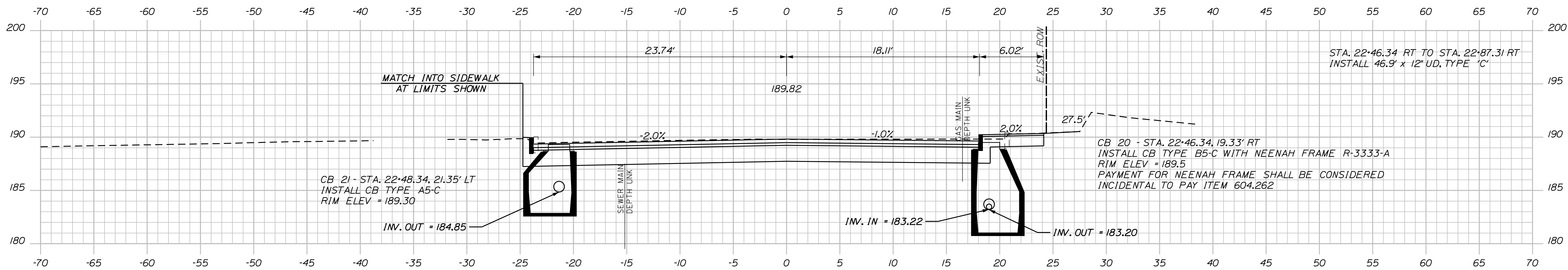
AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

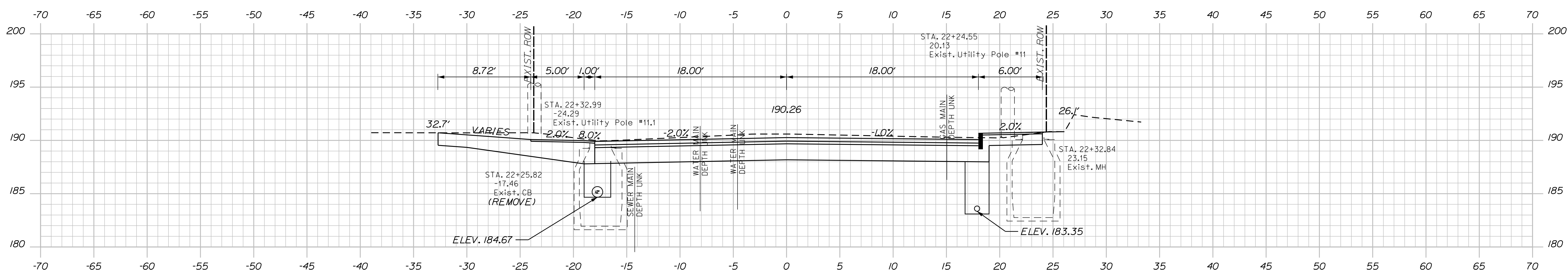
42

OF 62

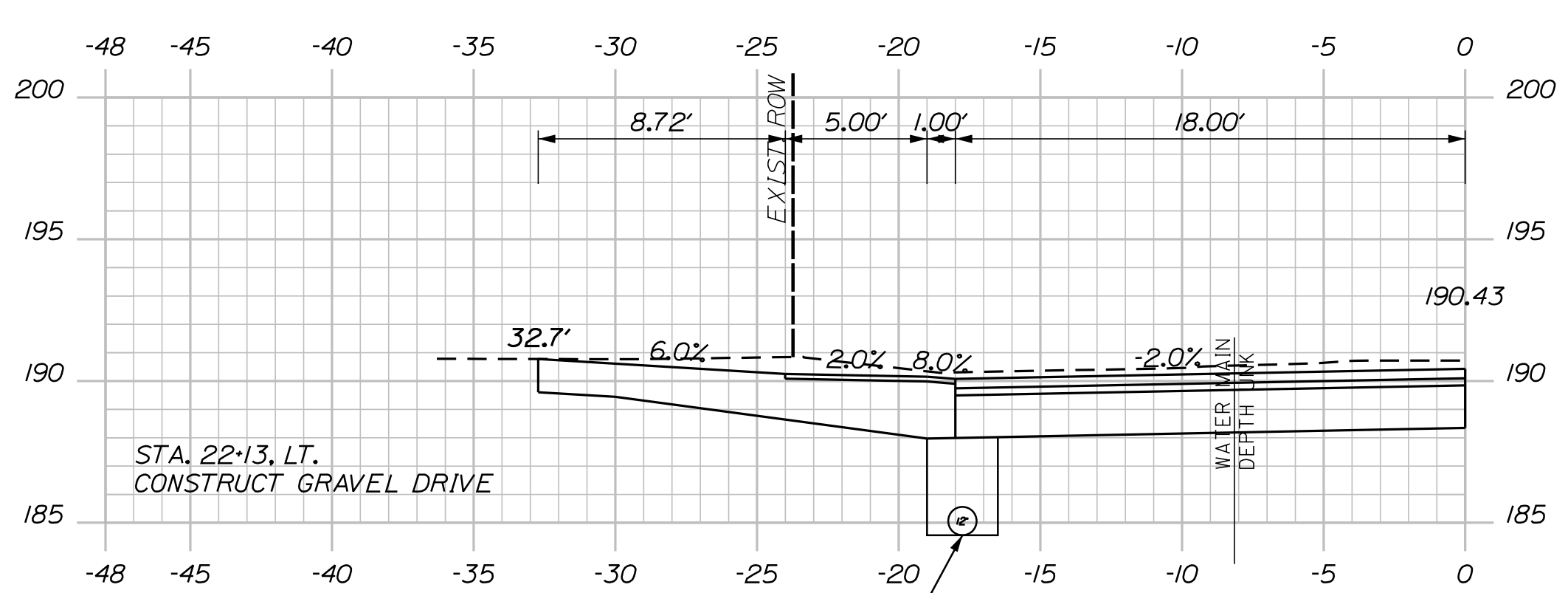
Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.wirnenboch
 Date: 1/25/2017



22+50.00



22+25.00



22+13.00 LT DRIVE

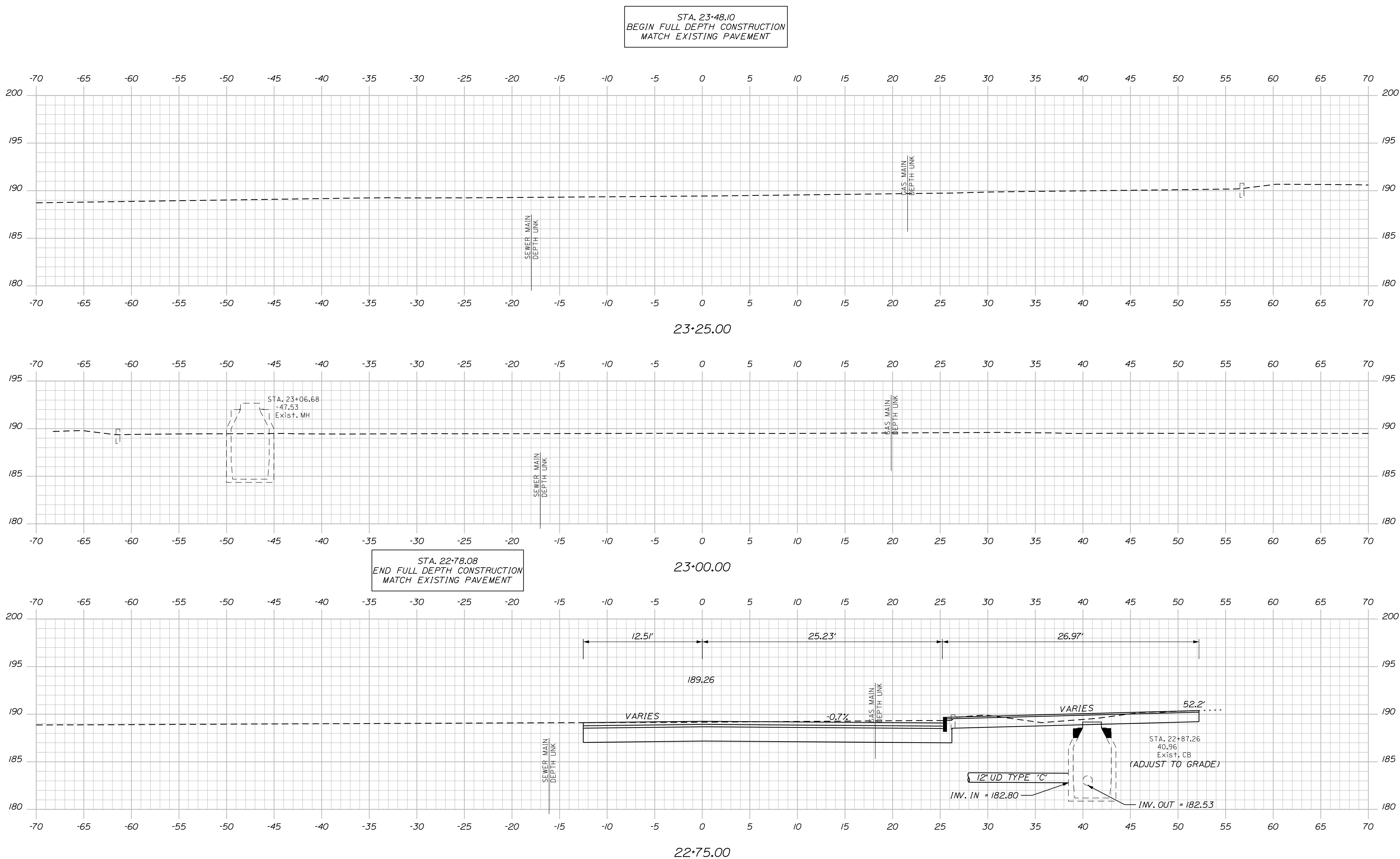
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED/REVIEWED DJE		12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

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Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jred.wirchenboch
 Date: 1/25/2017



STA. 23+48.10
 BEGIN FULL DEPTH CONSTRUCTION
 MATCH EXISTING PAVEMENT

STA. 22+78.08
 END FULL DEPTH CONSTRUCTION
 MATCH EXISTING PAVEMENT

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

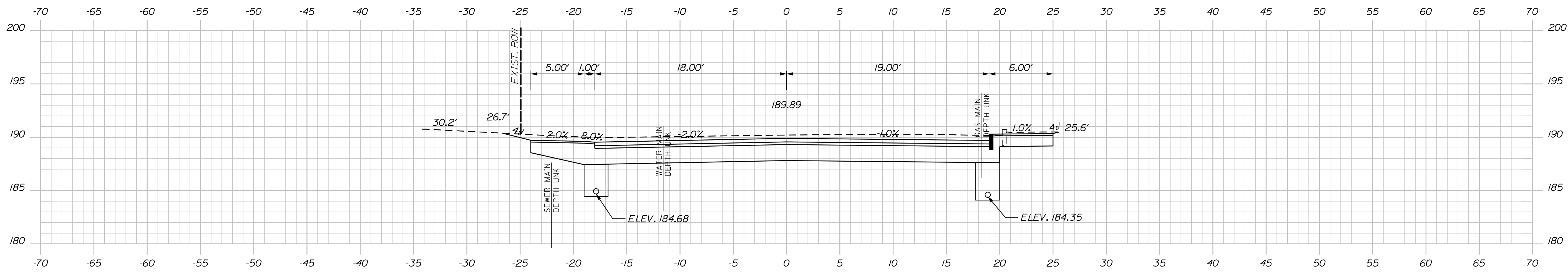
PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

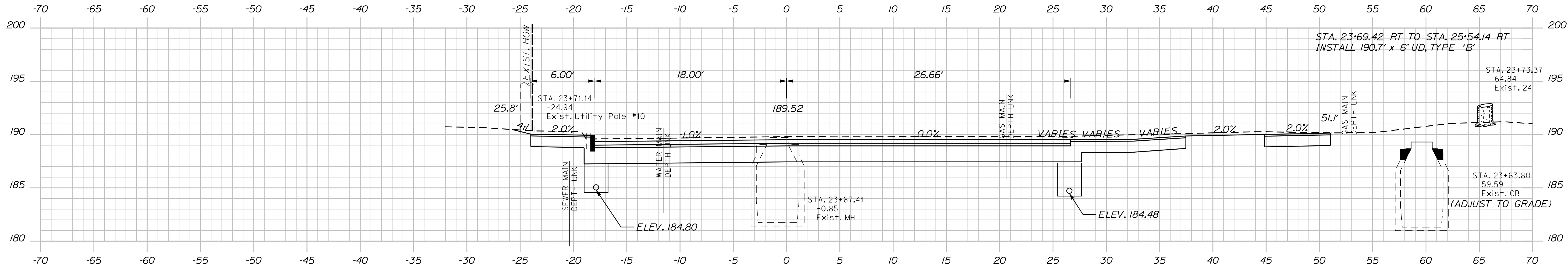
AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
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 OF 62

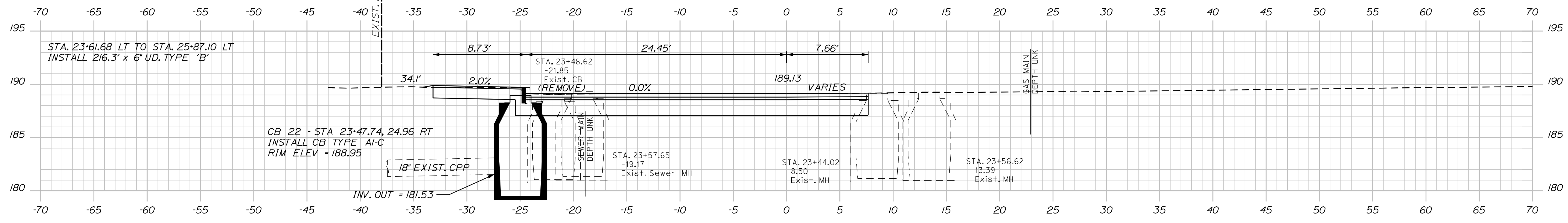
Filename: ... \Z - CAD\00\Highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.wirchenboch
 Date: 1/25/2017



24+00.00



23+75.00



23+50.00

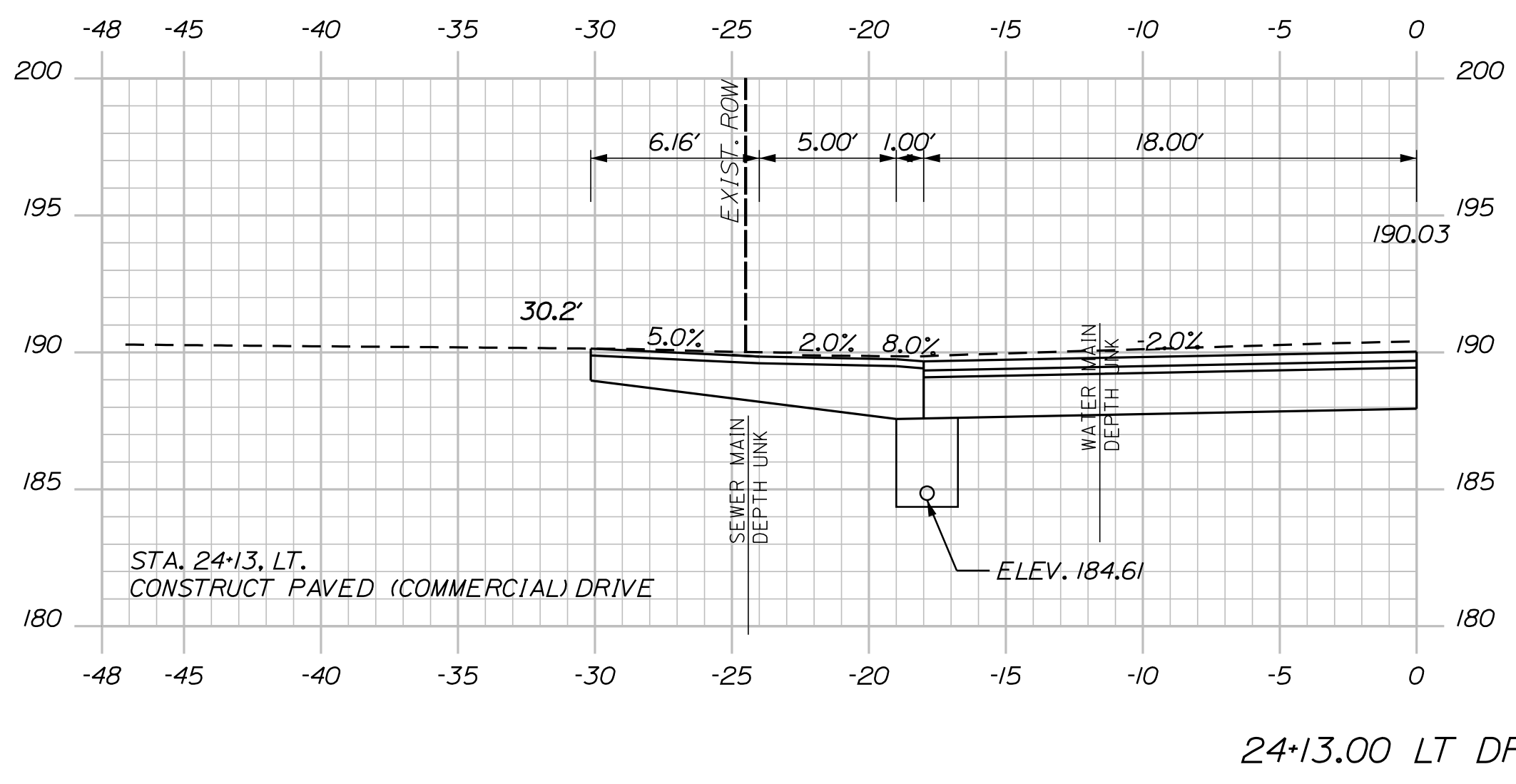
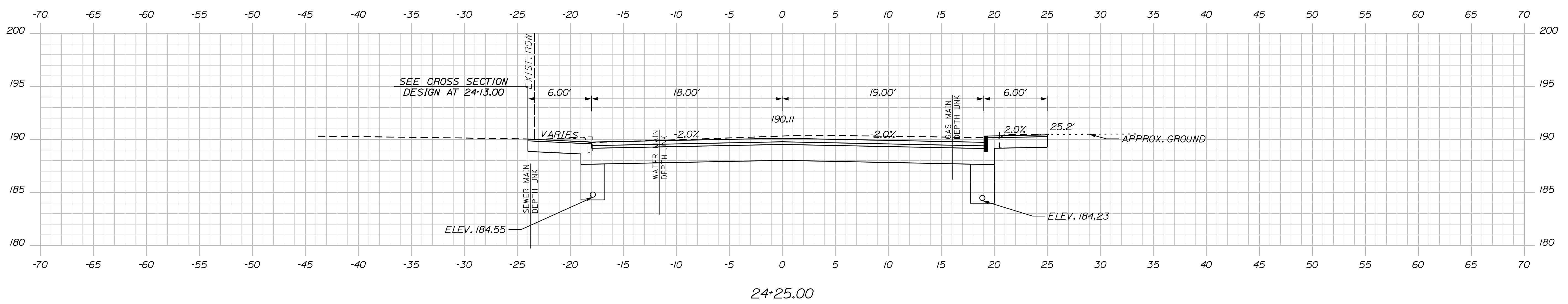
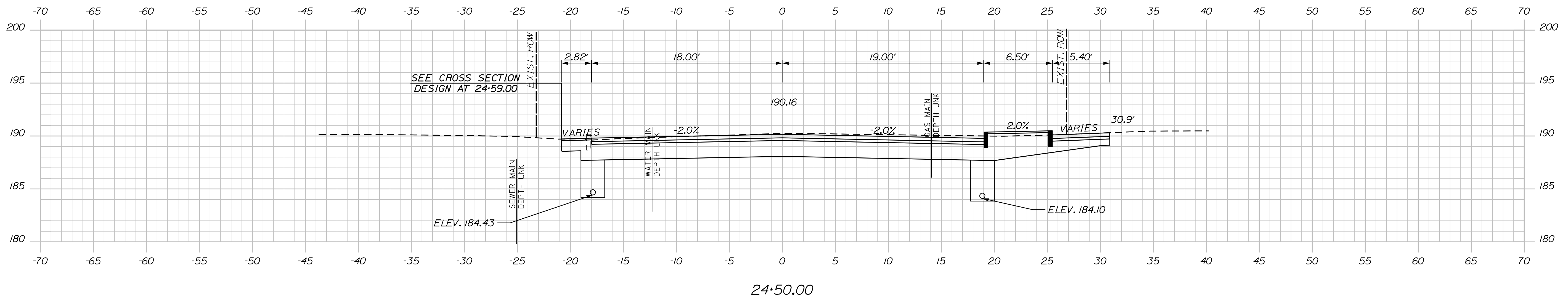
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN DETAILED	JSW	12/16	
CHECKED/REVIEWED	DGE	12/16	
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
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 OF 62

Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.winchenbach
 Date: 1/25/2017



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

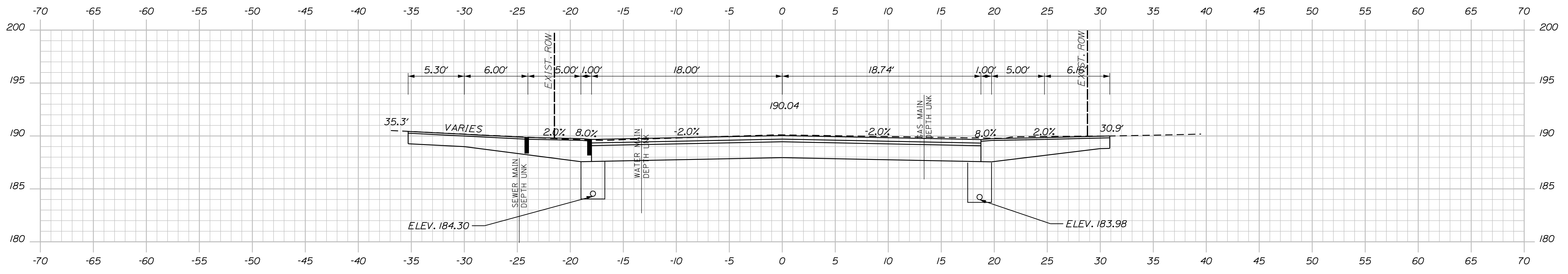
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DESIGN DETAILED	JSW	12/16
CHECKED-REVIEWED	DGE	12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

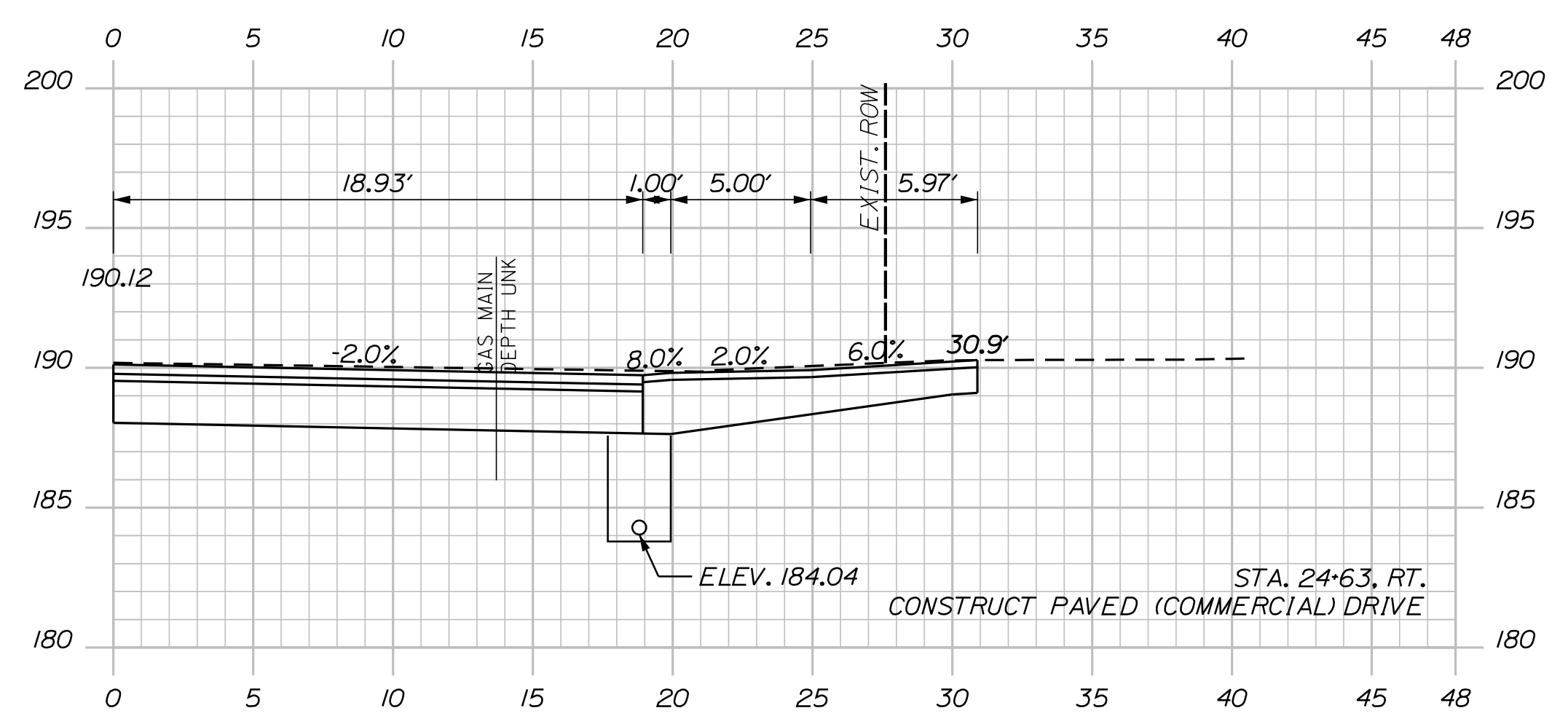
AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
46
 OF 62

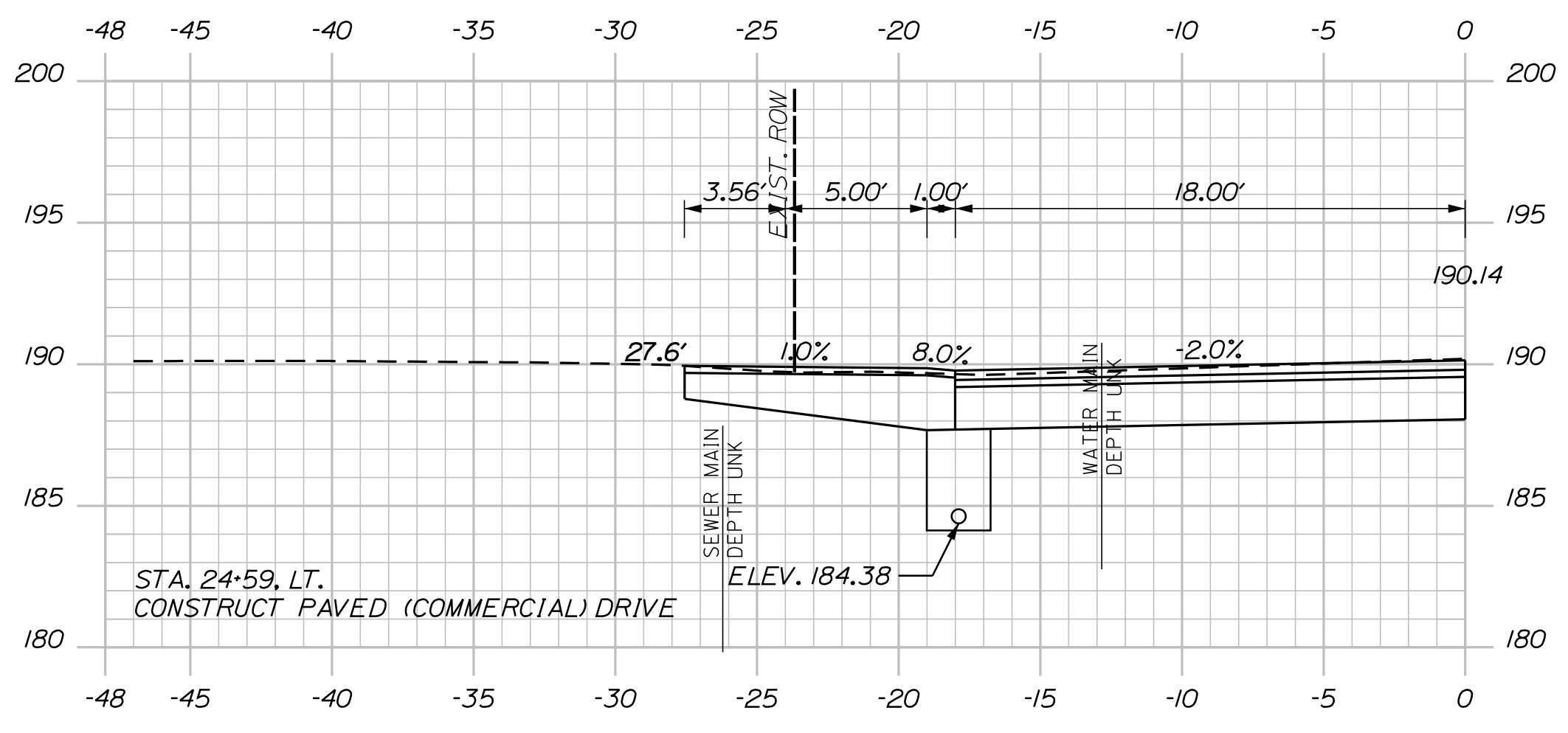
Filename: ...AZ - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jored.wirchenboch
 Date: 1/25/2017



24+75.00



24+63.00 RT DRIVE



24+59.00 LT DRIVE

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

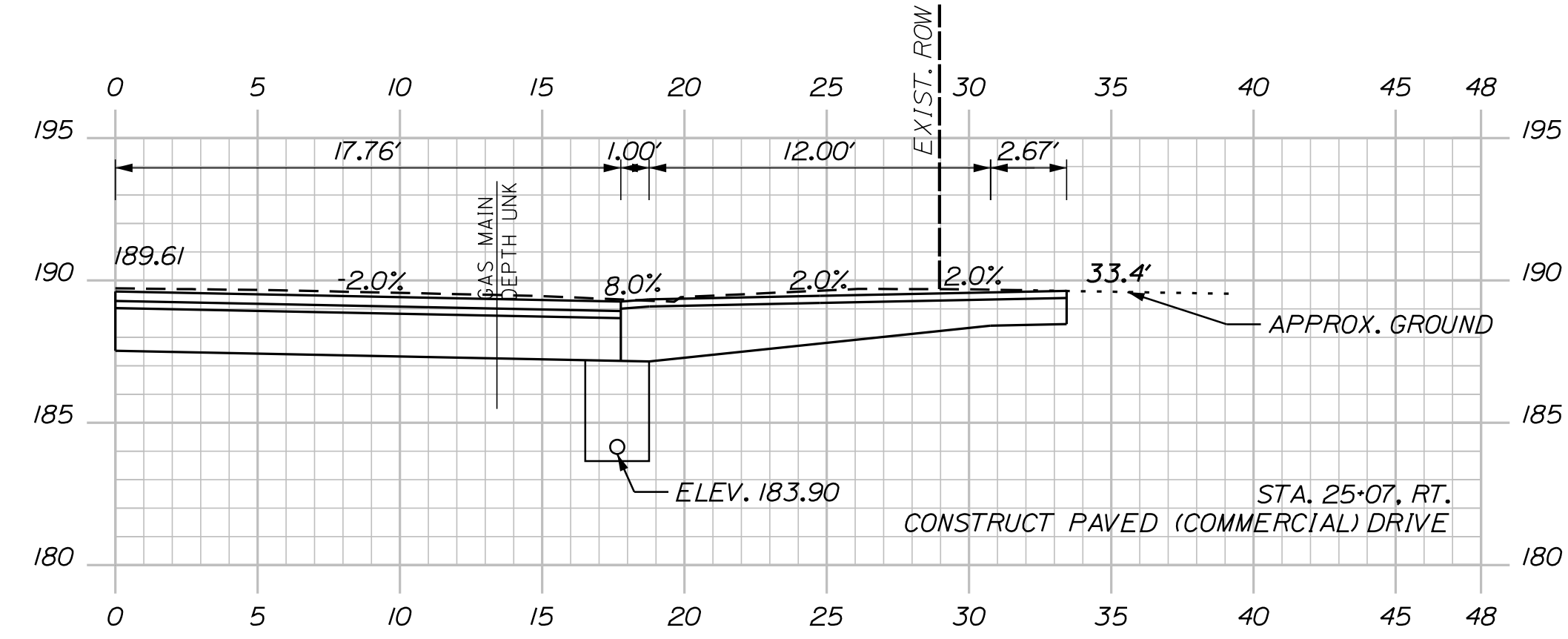
AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER

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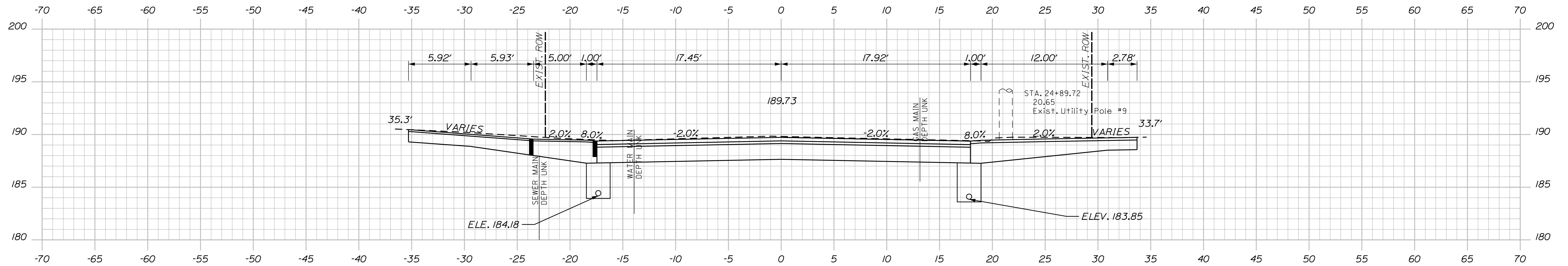
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DGE		12/16
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		



25+07.00 RT DRIVE

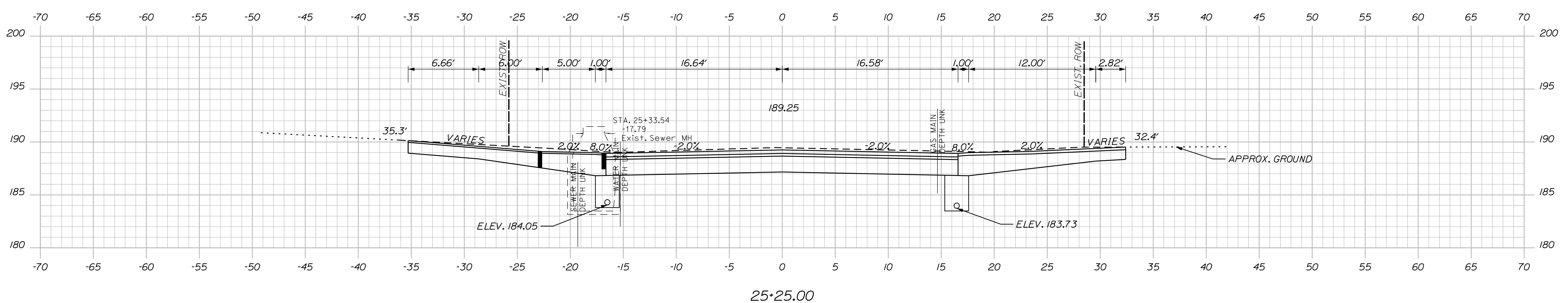
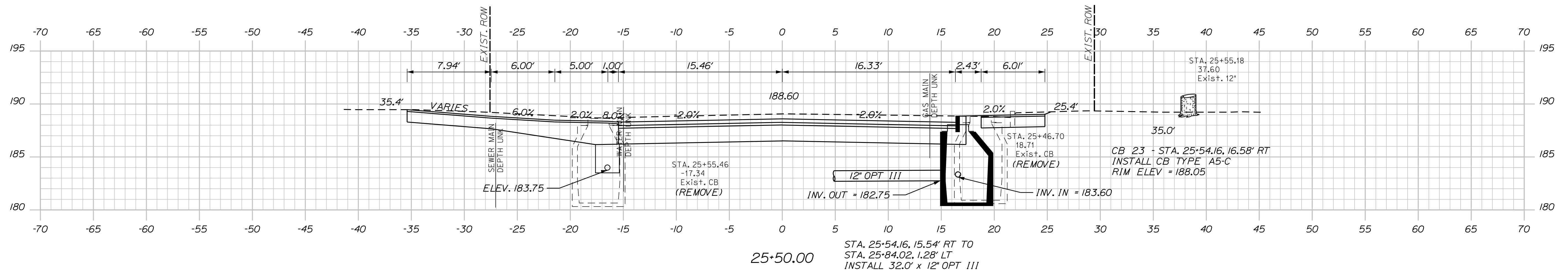
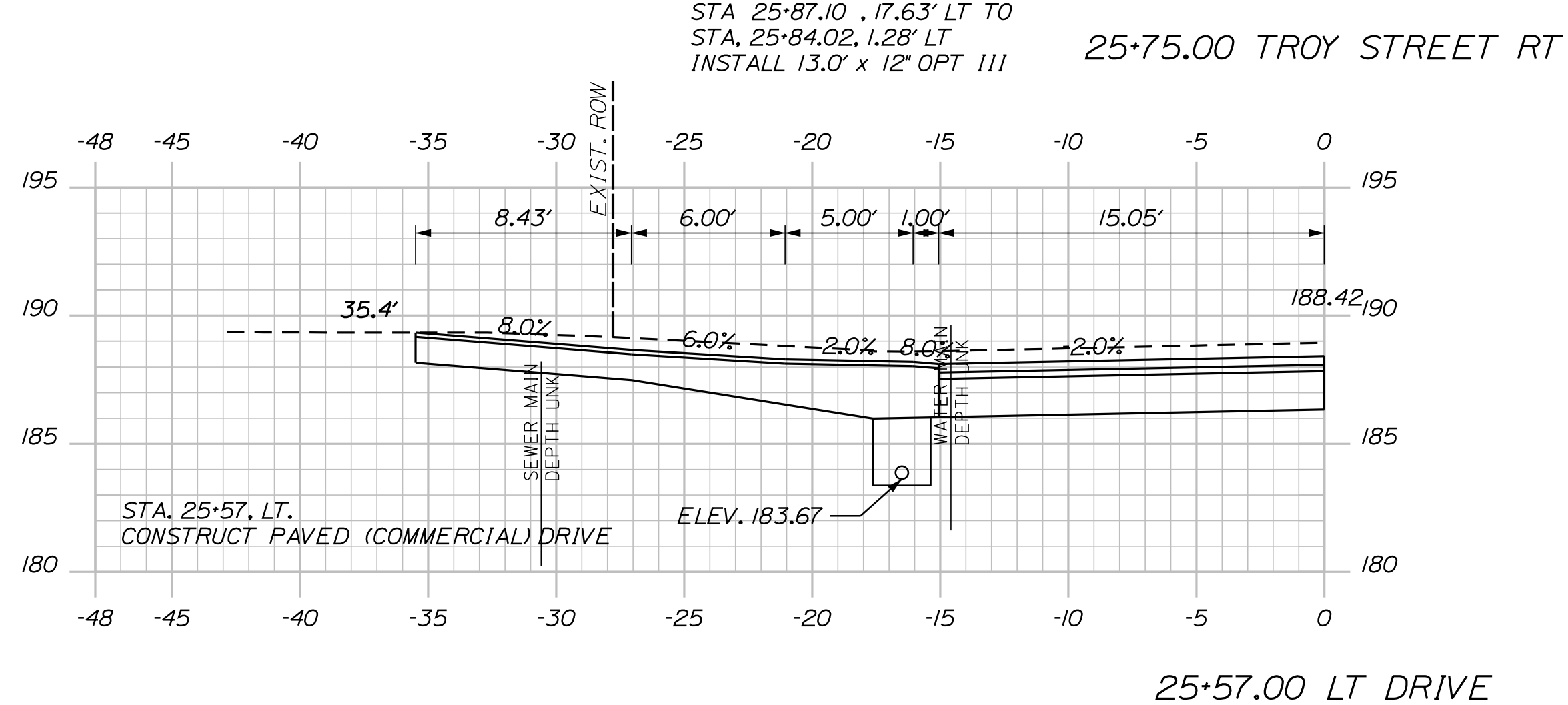
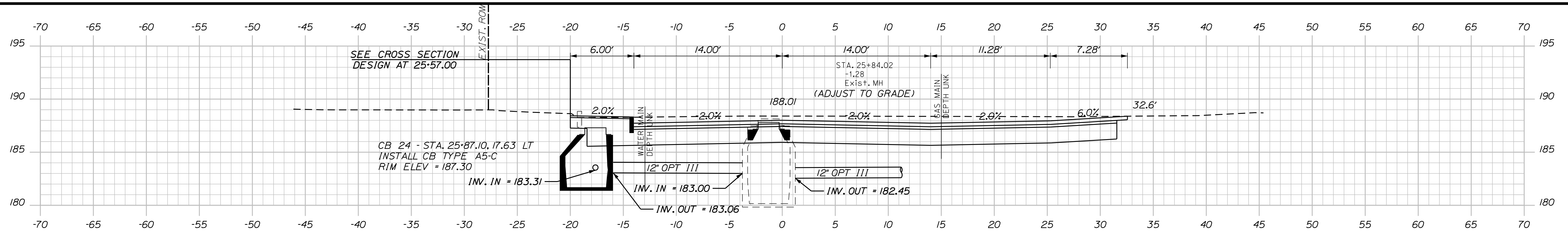


25+03.00 LT DRIVE



25+00.00

Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jored.winchenbach
 Date: 1/25/2017

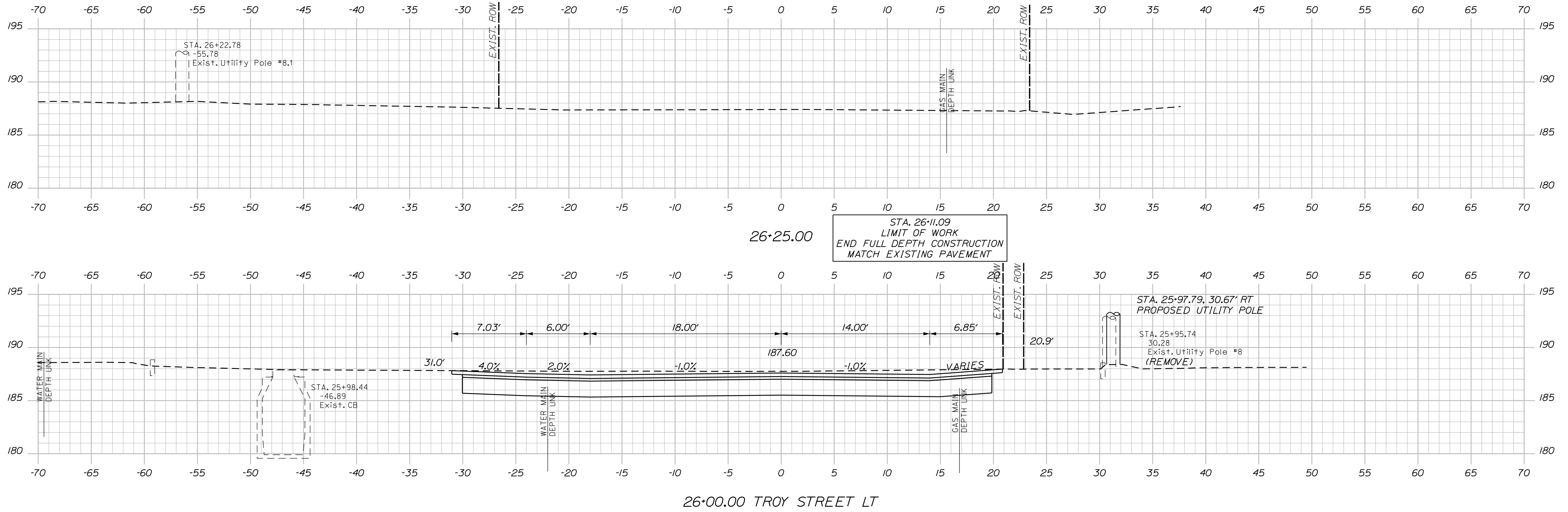


CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN/DETAILED	12/16	JSW	12/16
CHECKED/REVIEWED			
DESIGN/DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
49
 OF 62

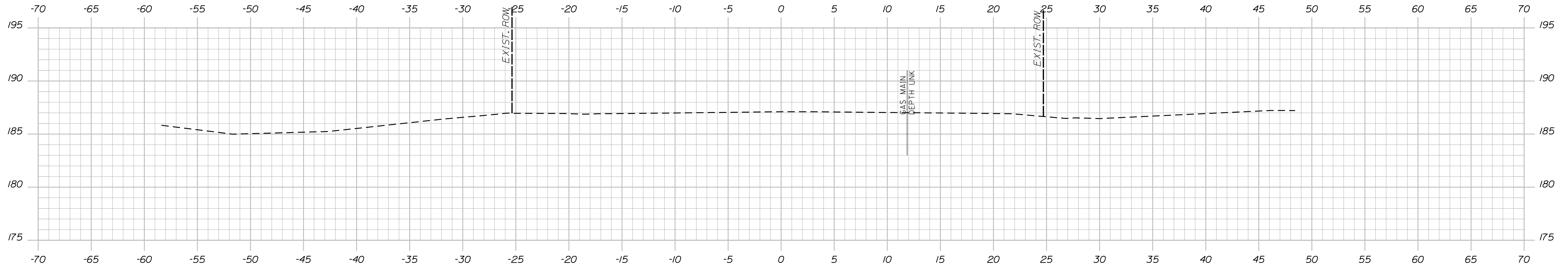


**CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210**

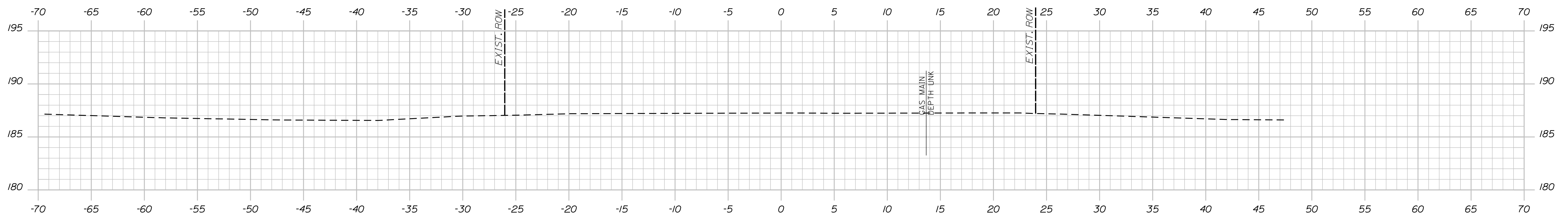
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

**AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS**

SHEET NUMBER
50
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26+75.00



26+50.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

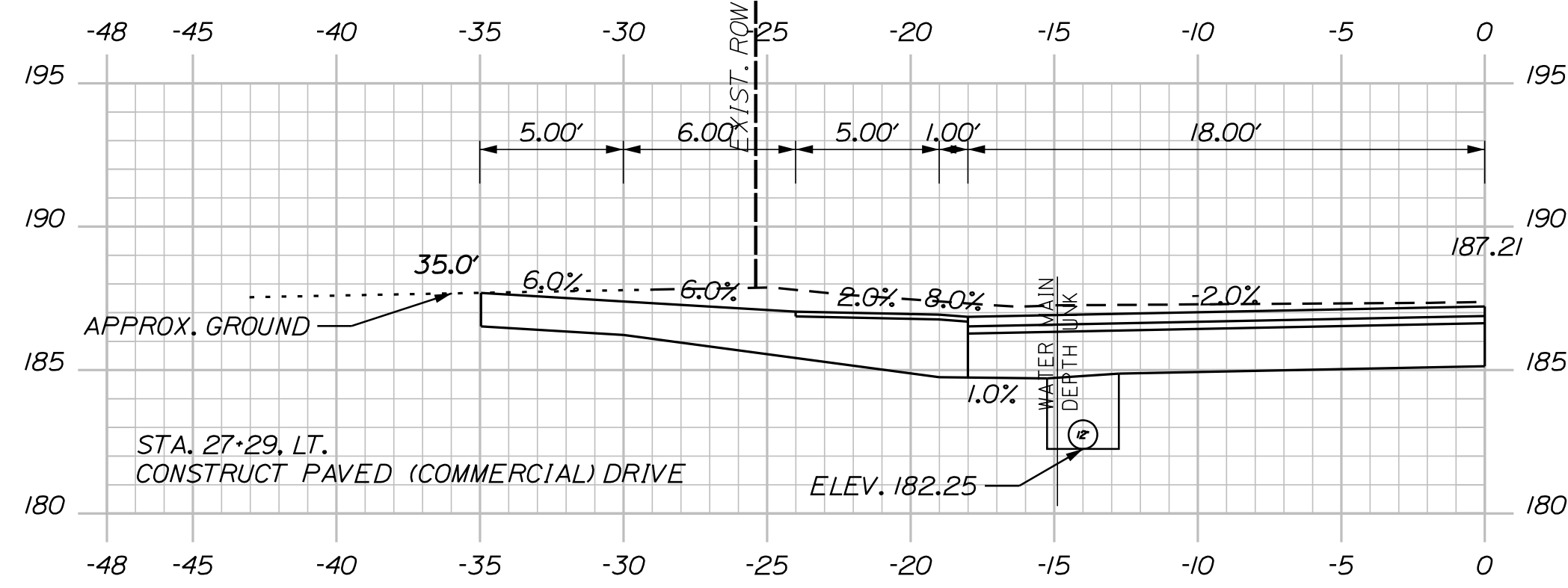
PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DGE		12/16
DESIGN DETAILED		
REVISIONS 1		
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FIELD CHANGES		

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

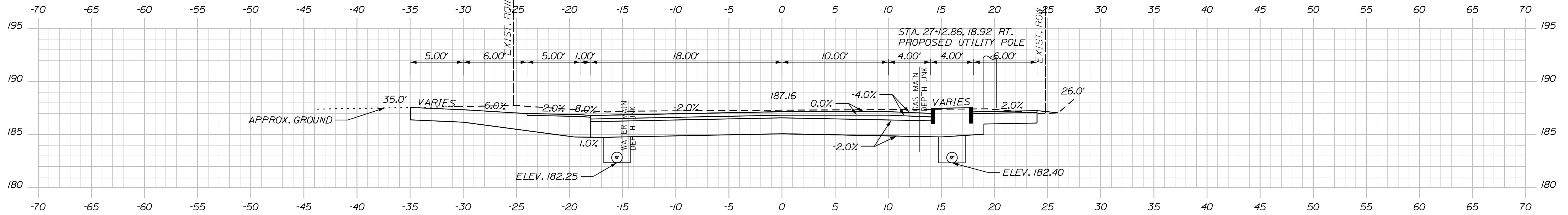
SHEET NUMBER

51

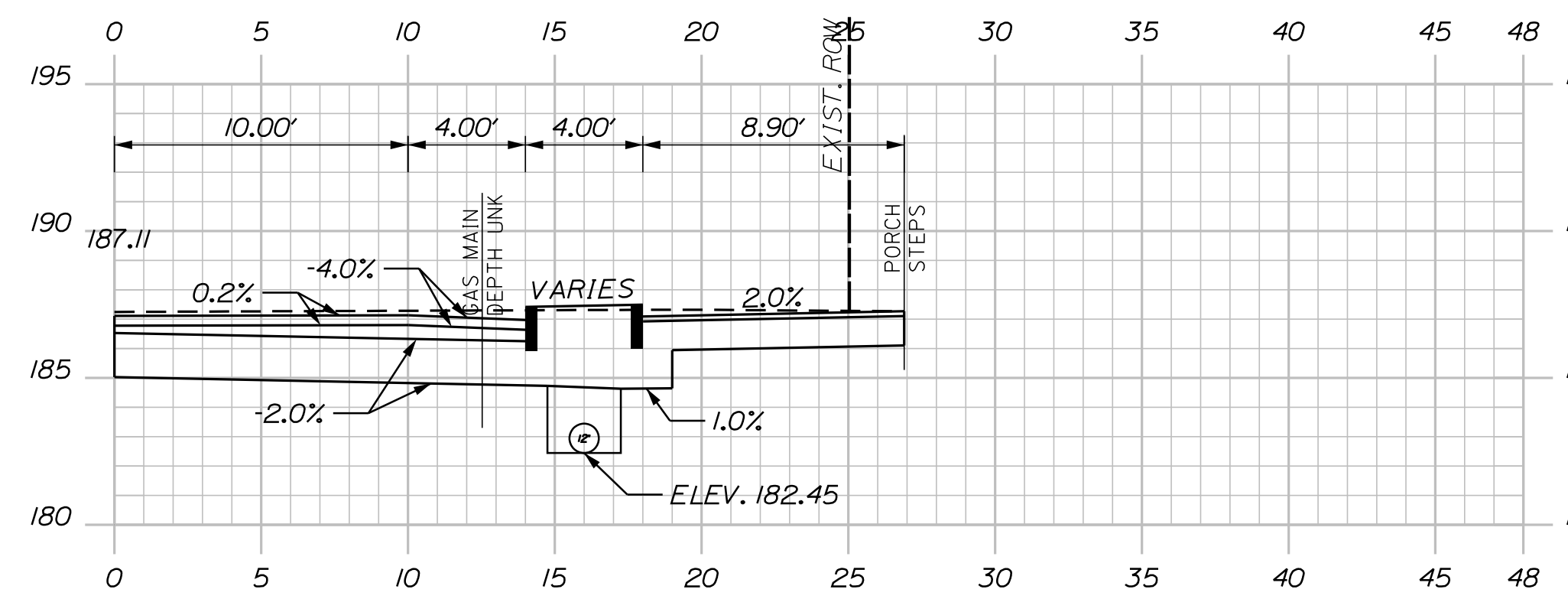
OF 62



27+29.00 LT DRIVE



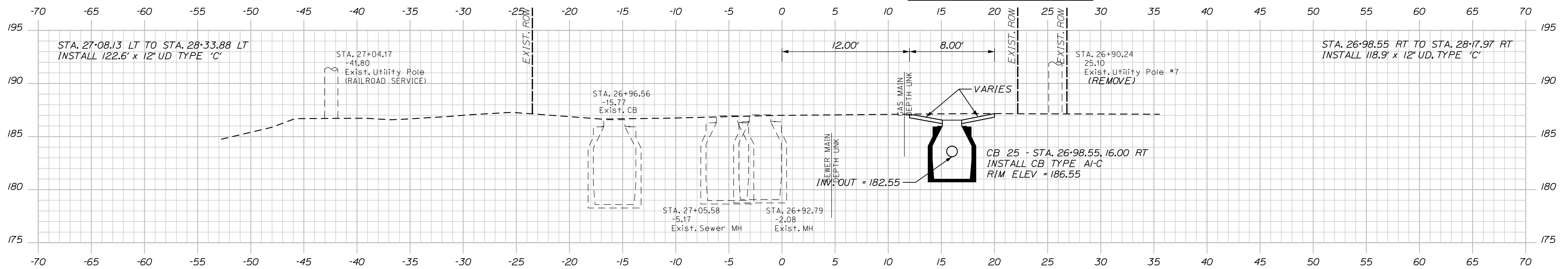
27+25.00



27+20.00 RT WALK

NOTES FOR STA. 27+01.51 TO STA. 27+75.00, RT.

1. PROVIDE 5.5' CURB REVEAL.
2. TOP AND BOTTOM GRAVEL WILL RUN AT -2.0%.
3. 3" MINIMUM DEPTH OF BASE GRAVEL.
4. BASE GRAVEL AND PAVEMENT CROSS SLOPES WILL VARY AS NEEDED TO TRANSITION TO EXISTING PAVEMENT CROSS SLOPES.



27+00.00

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE
DESIGN DETAILED	12/16
CHECKED/REVIEWED	12/16
DESIGN DETAILED	
DESIGN DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

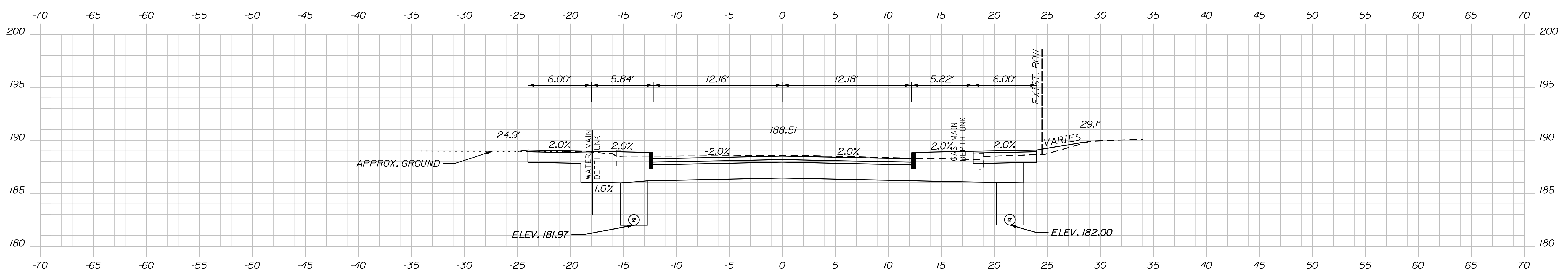
AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

SHEET NUMBER

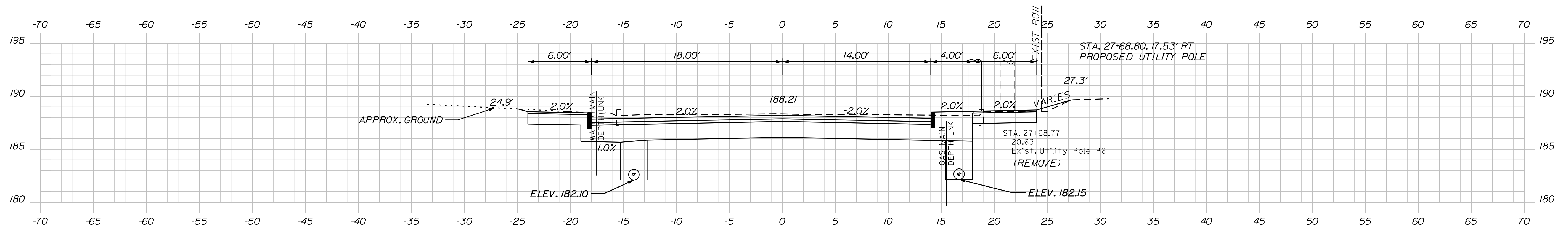
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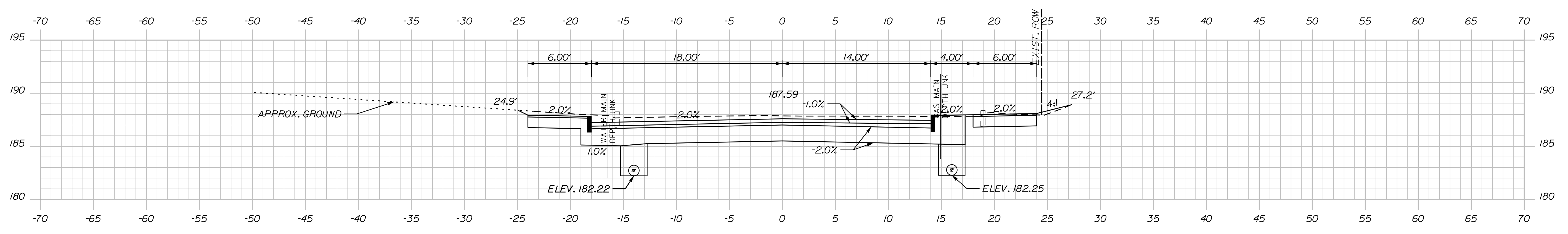
Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jored.wirneboch Date: 1/25/2017



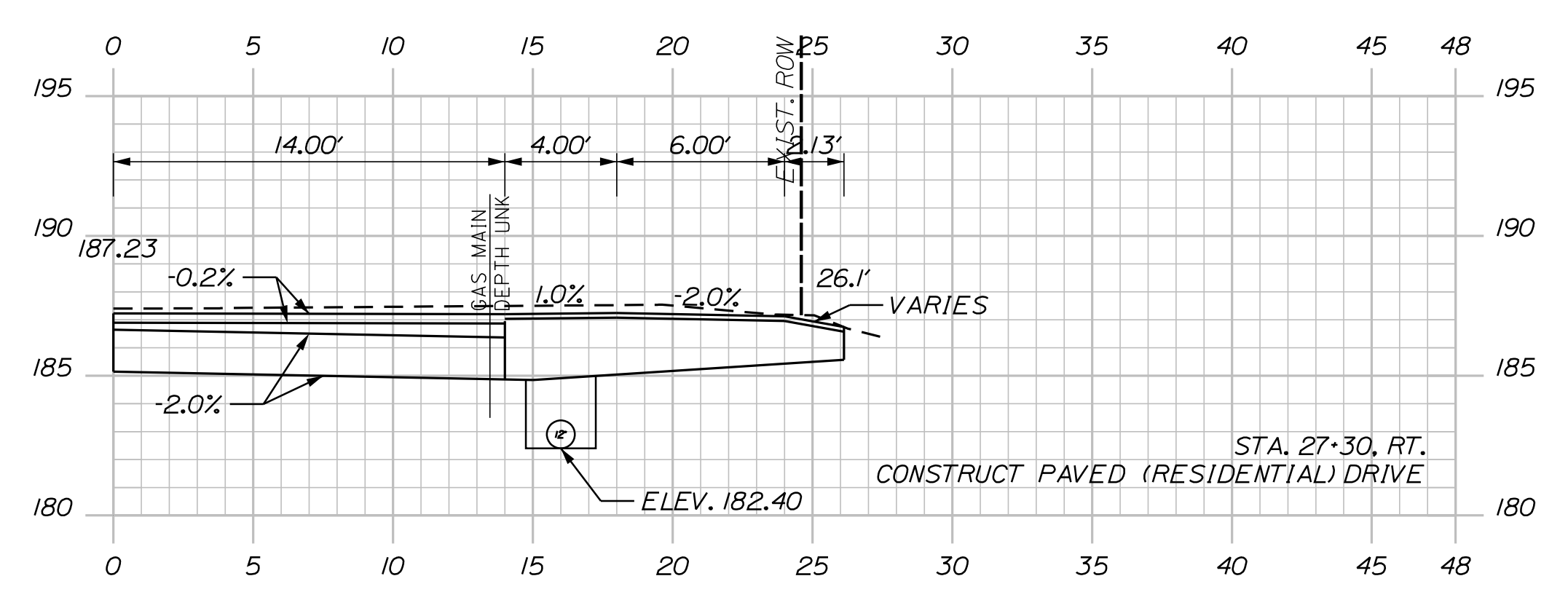
28+00.00



27+75.00



27+50.00



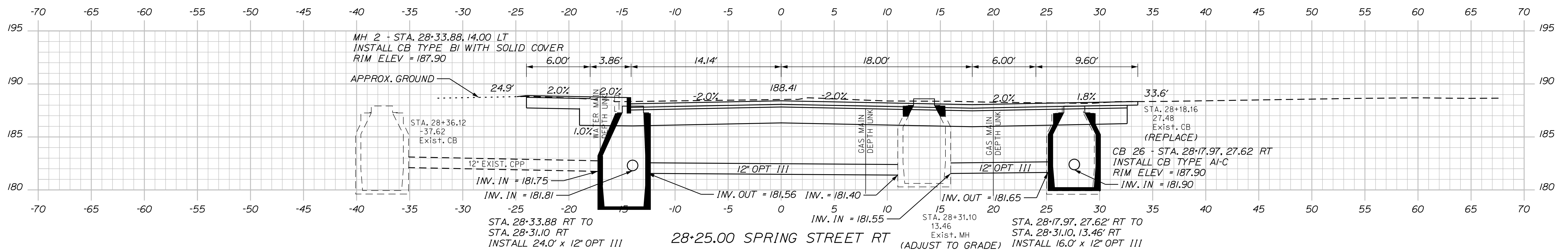
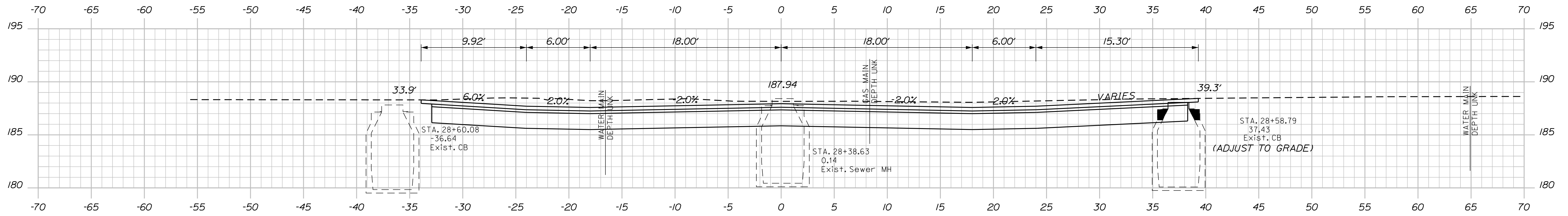
27+30.00 RT DRIVE

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN-DETAILED	12/16	JSW	12/16
CHECKED-REVIEWED			
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

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53
 OF 62



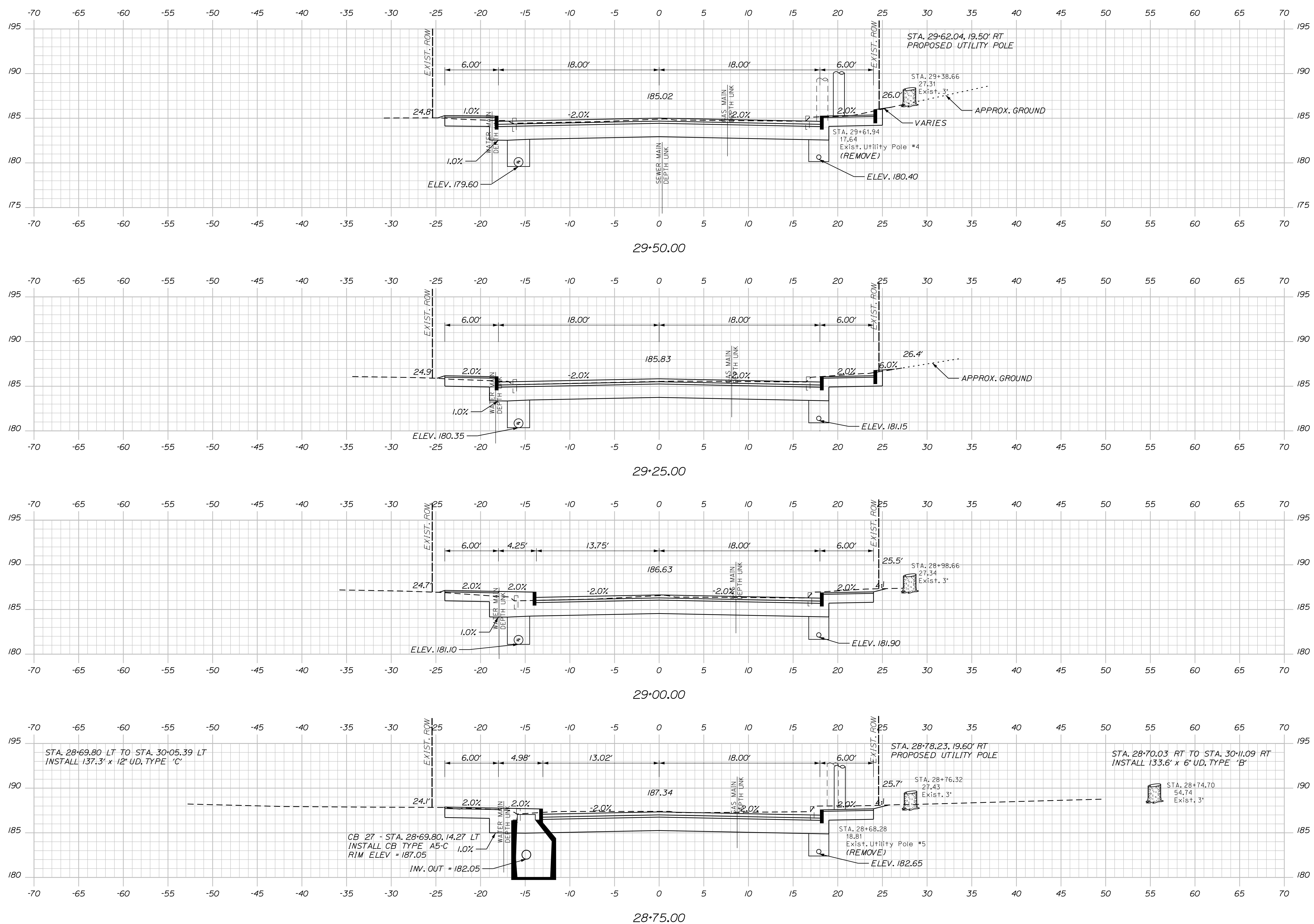
**CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210**

PROJ. MANAGER	BY	DATE
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CHECKED-REVIEWED: DJE		12/16
DESIGN DETAILED:		
REVISIONS 1:		
REVISIONS 2:		
REVISIONS 3:		
REVISIONS 4:		
FIELD CHANGES:		

**AUBURN
HAMPSHIRE STREET
CROSS SECTIONS**

SHEET NUMBER
54
OF 62

Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.winchenbach
 Date: 1/25/2017

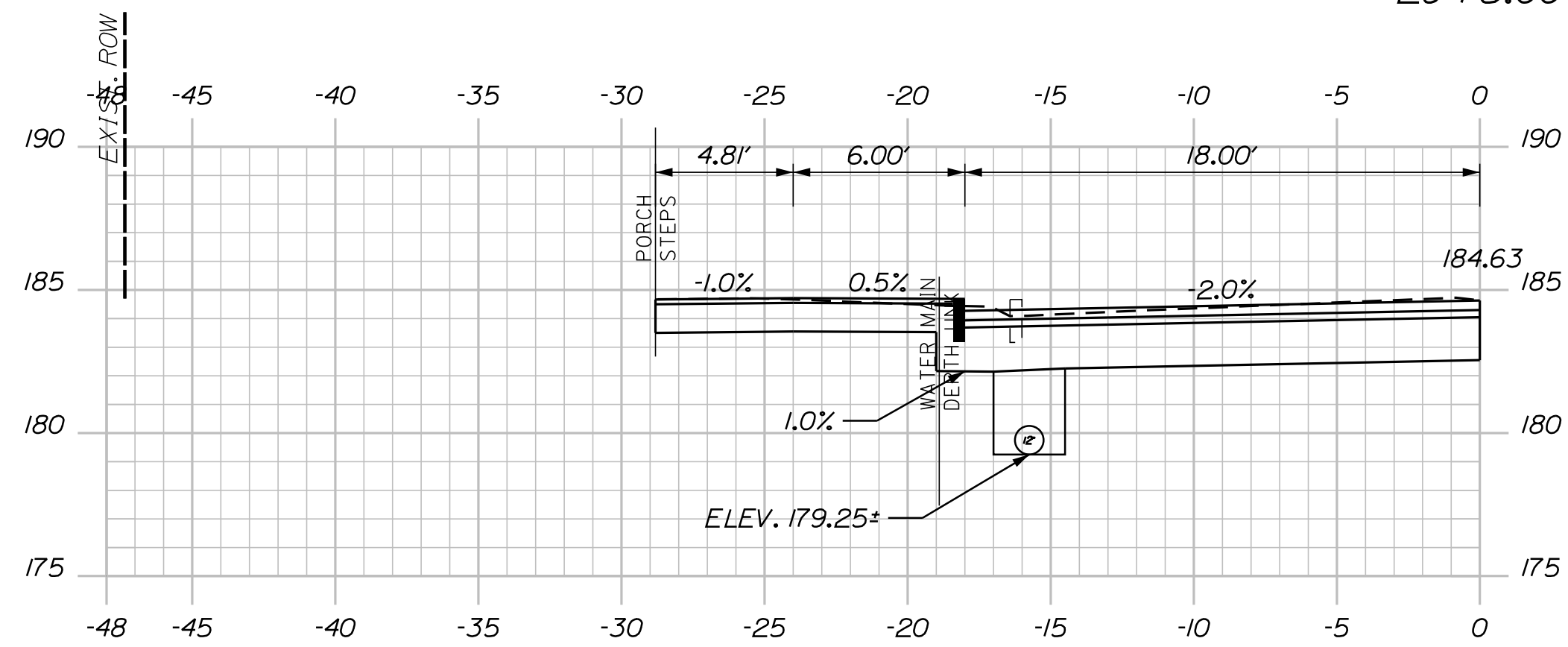
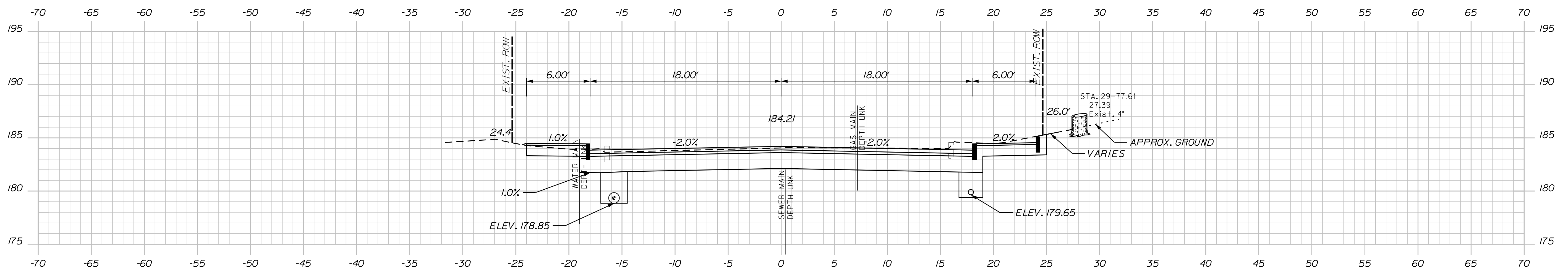
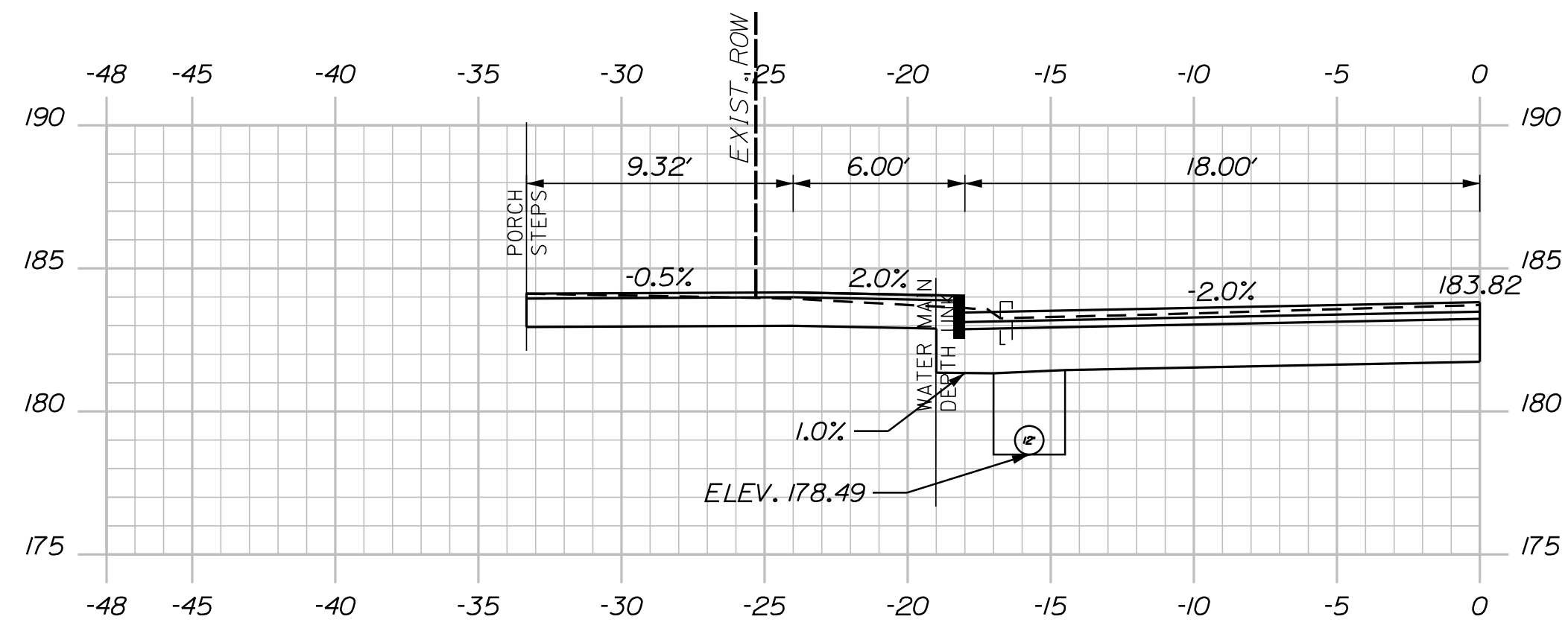


CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	DATE	SIGNATURE	P.E. NUMBER	DATE
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CHECKED-REVIEWED	12/16			
DESIGN DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
55
 OF 62



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
DESIGN DETAILED JSW	JSW	12/16
CHECKED-REVIEWED DJE		12/16
DESIGN DETAILED		
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FIELD CHANGES		

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

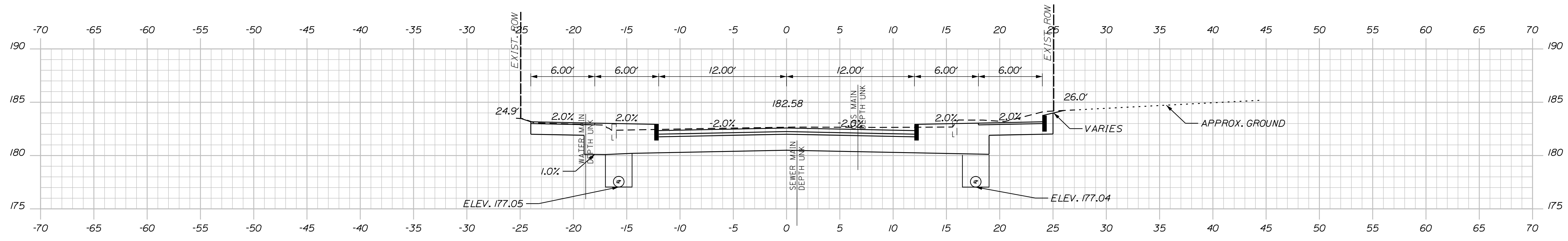
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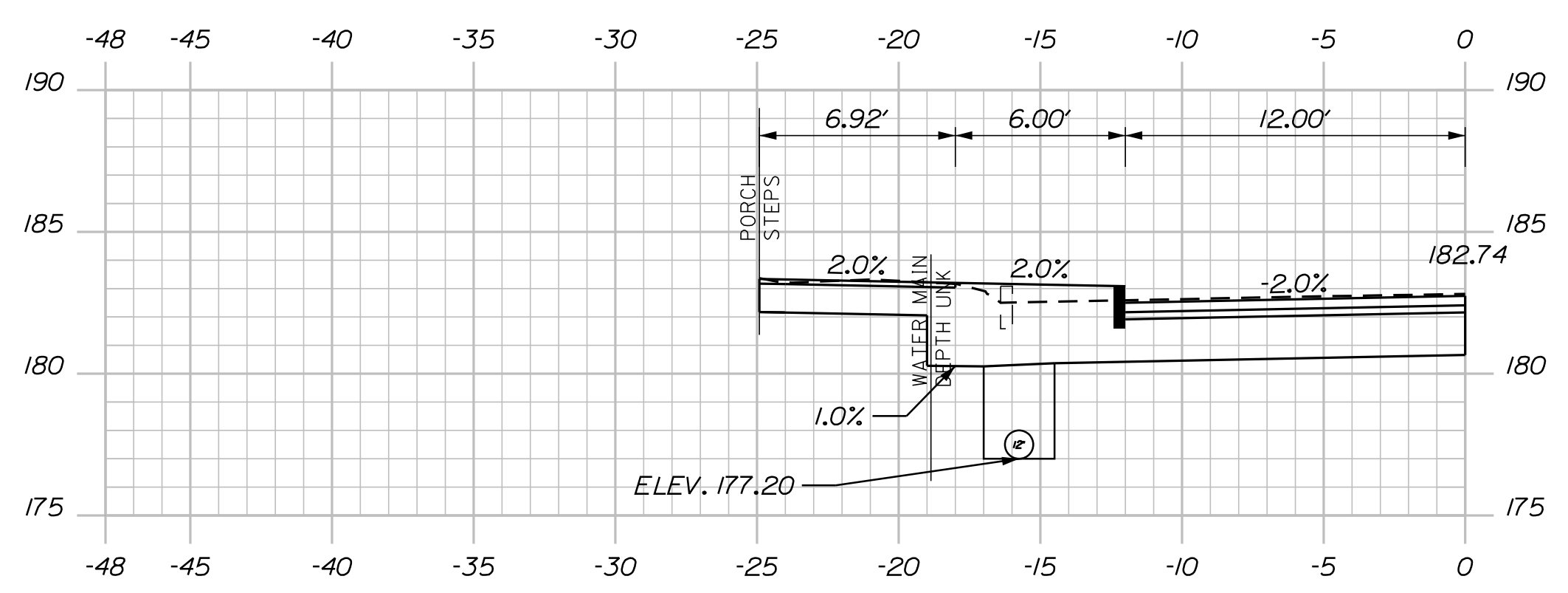
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 Username: jared.winchenbach Date: 1/25/2017

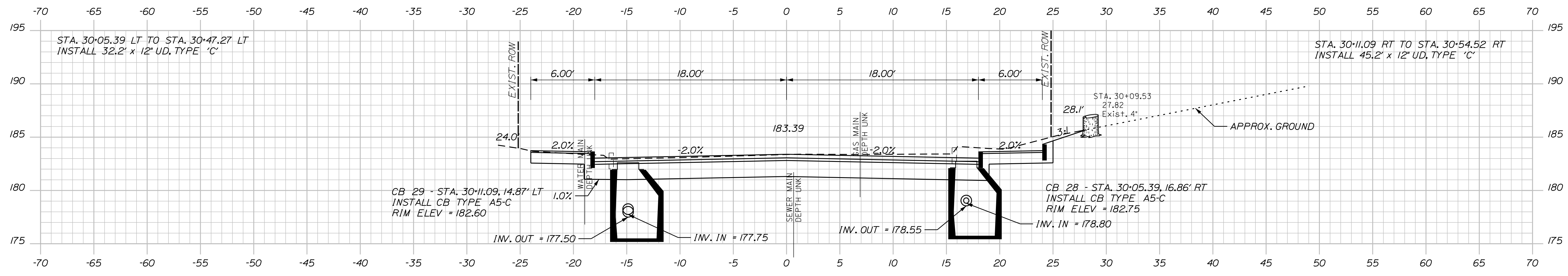
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210



30+25.00



30+20.00 LT WALK



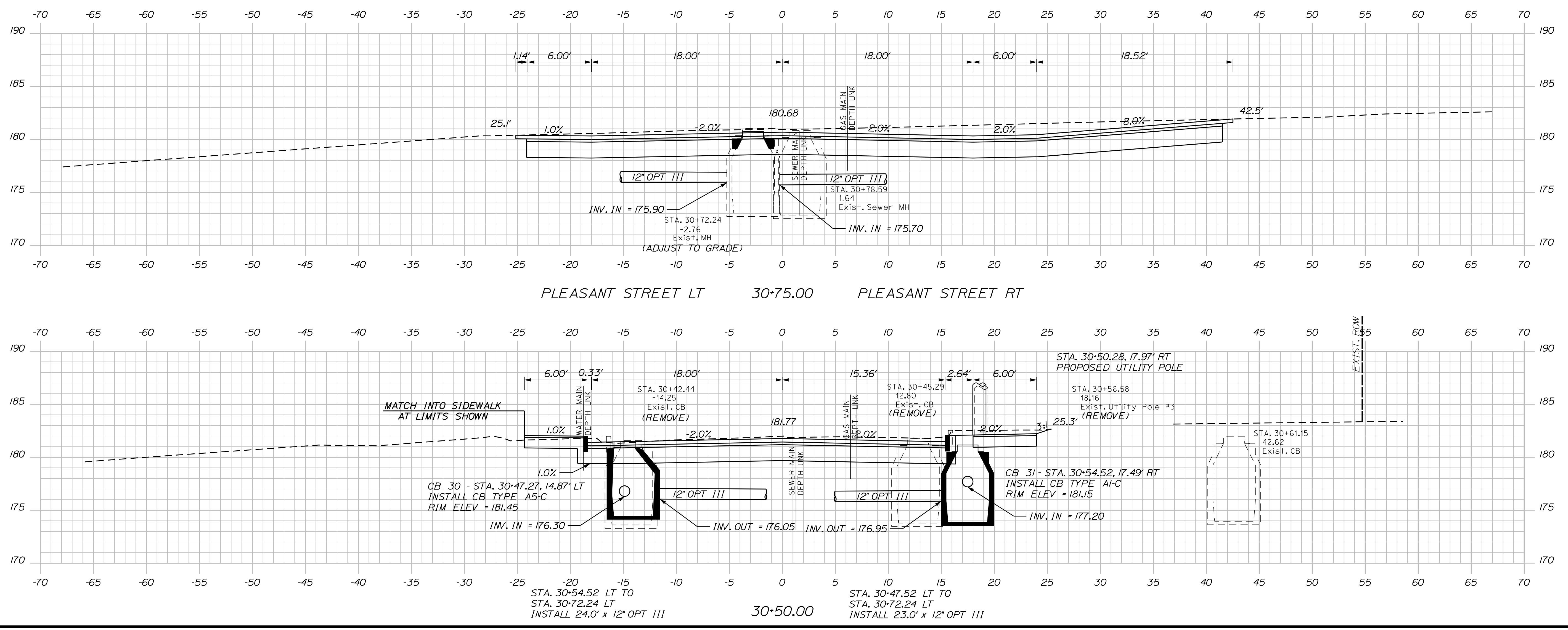
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CHECKED-REVIEWED DJE		12/16
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REVISIONS 4		
FIELD CHANGES		

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
57
 OF 62

Filename: ... \Z - CAD\00\Highway\Xsec.dgn Division: HIGHWAY Username: jared.winchenbach Date: 1/25/2017



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

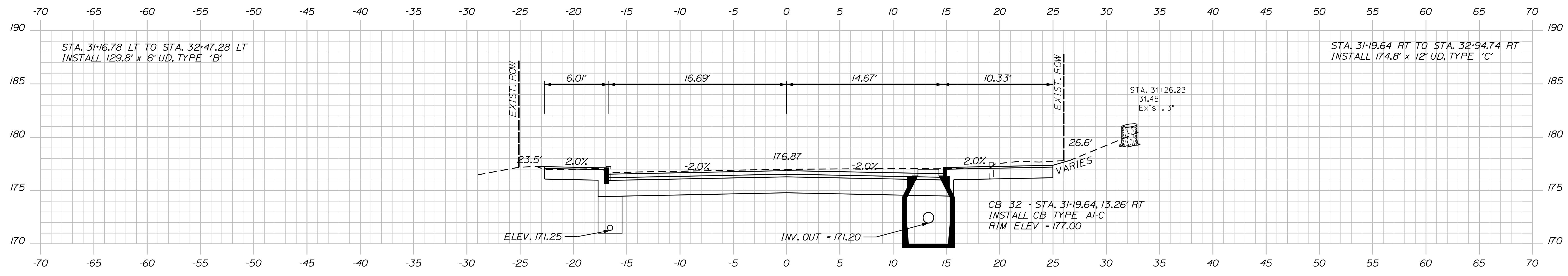
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CHECKED-REVIEWED DGE		12/16	
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FIELD CHANGES			

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

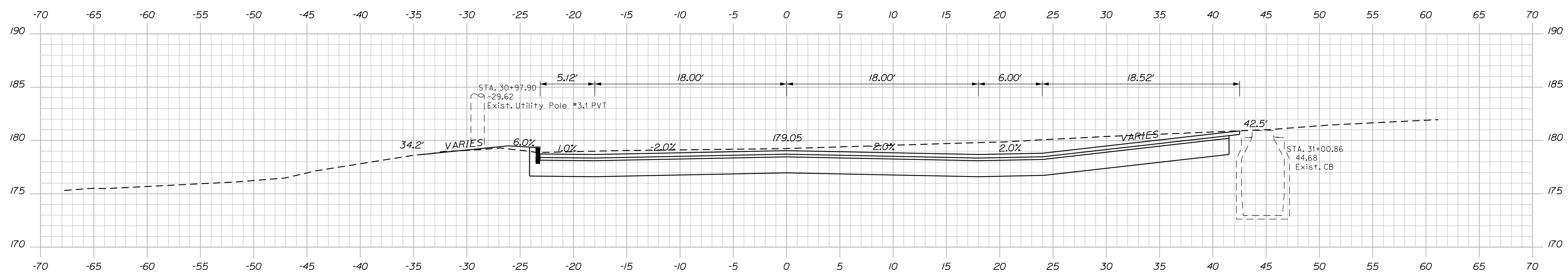
SHEET NUMBER
58
OF 62

Sta. 30+50.00 to Sta. 30+77.00

Filename: ... \Z - CAD\00\highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.wirneboch Date: 1/25/2017



31+25.00



31+00.00

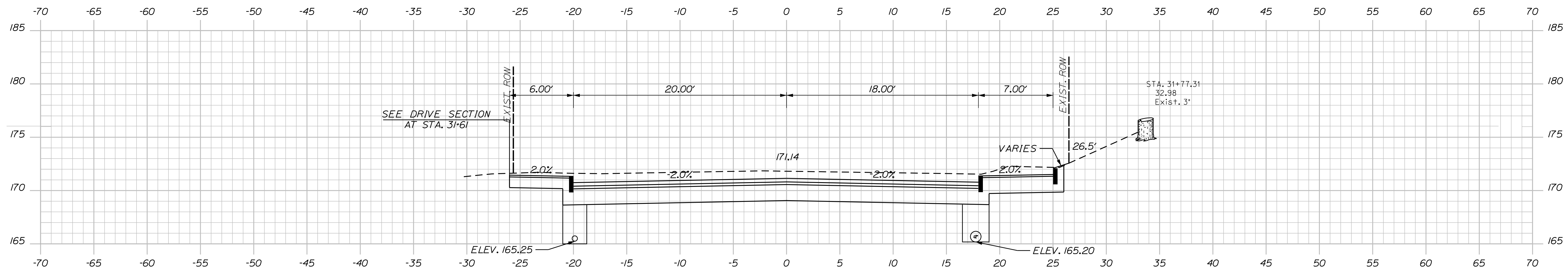
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
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CHECKED-REVIEWED DJE		12/16
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REVISIONS 4		
FIELD CHANGES		

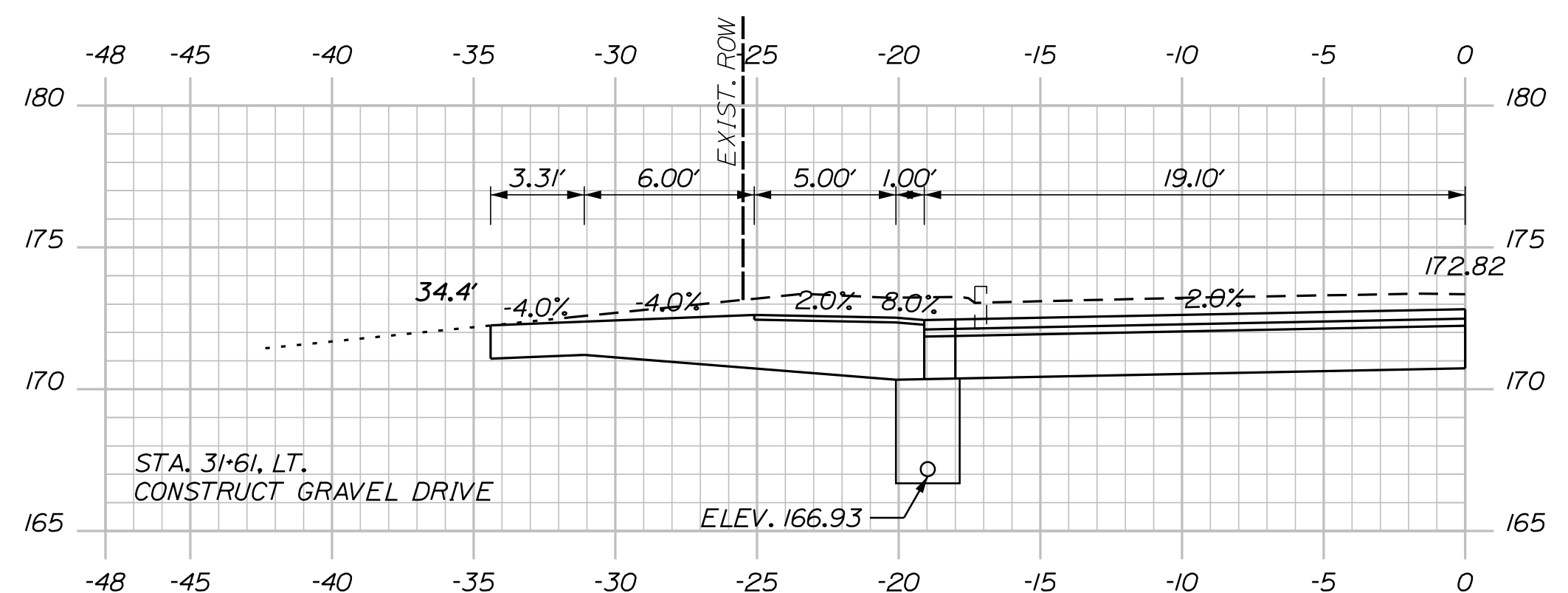
AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
59
 OF 62

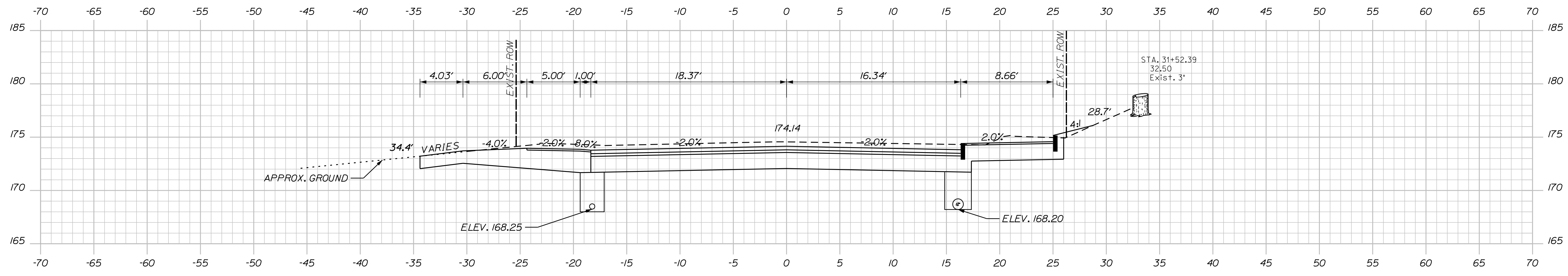
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 Division: HIGHWAY
 Username: jared.wirnenboch
 Date: 1/25/2017



31+75.00



31+61.00 LT DRIVE



31+50.00

CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

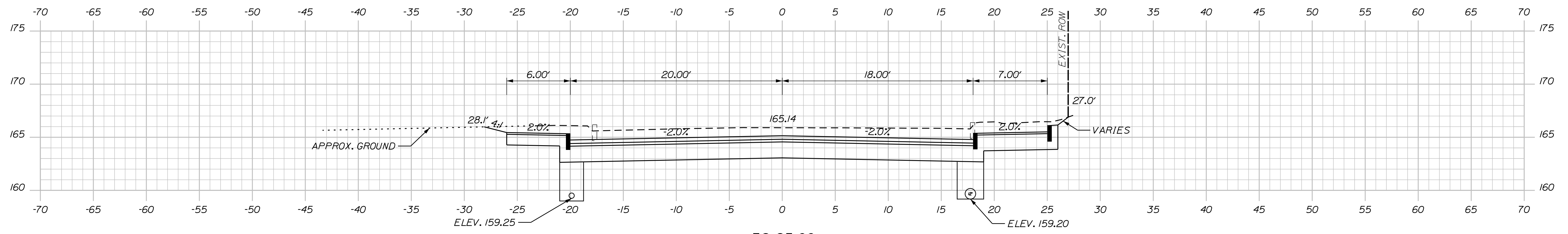
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CHECKED-REVIEWED DGE		12/16
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REVISIONS 2		
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REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

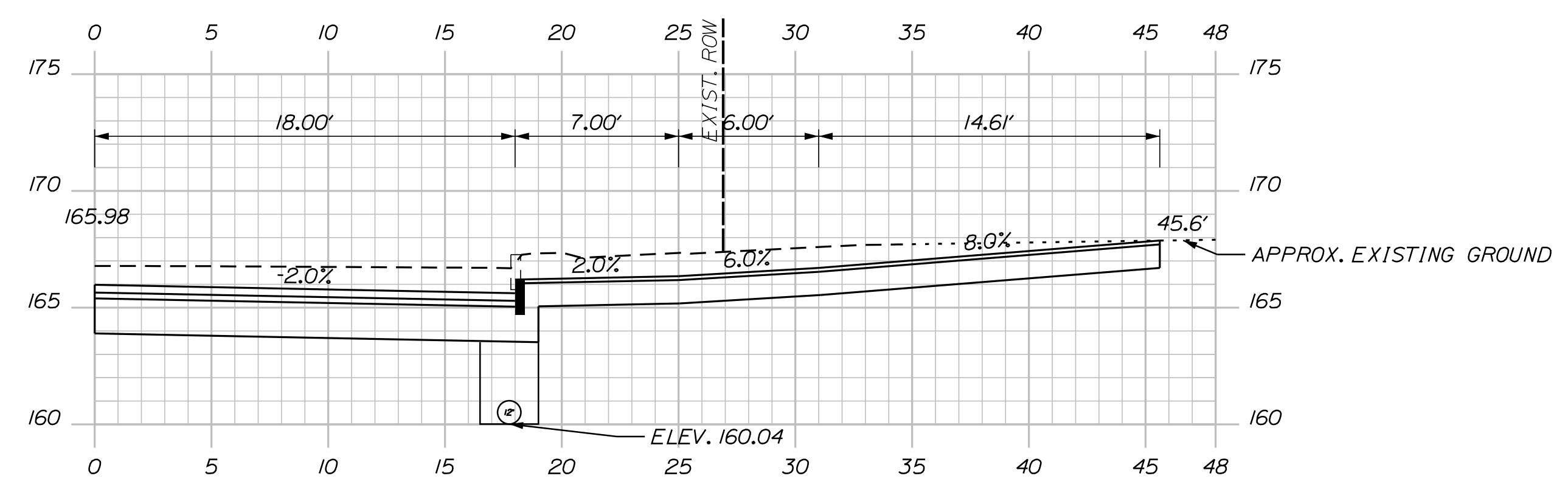
AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
60
 OF 62

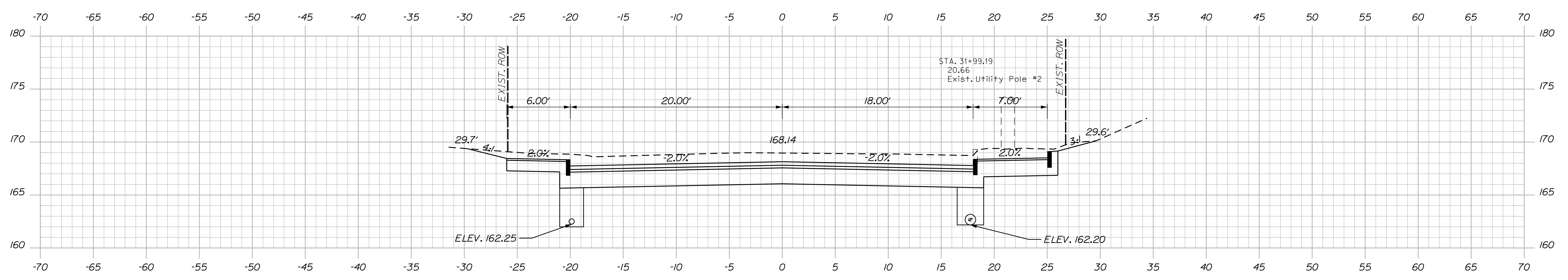
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 Username: jared.winchenbach
 Date: 1/25/2017



32+25.00



32+18.00 RT WALK



32+00.00

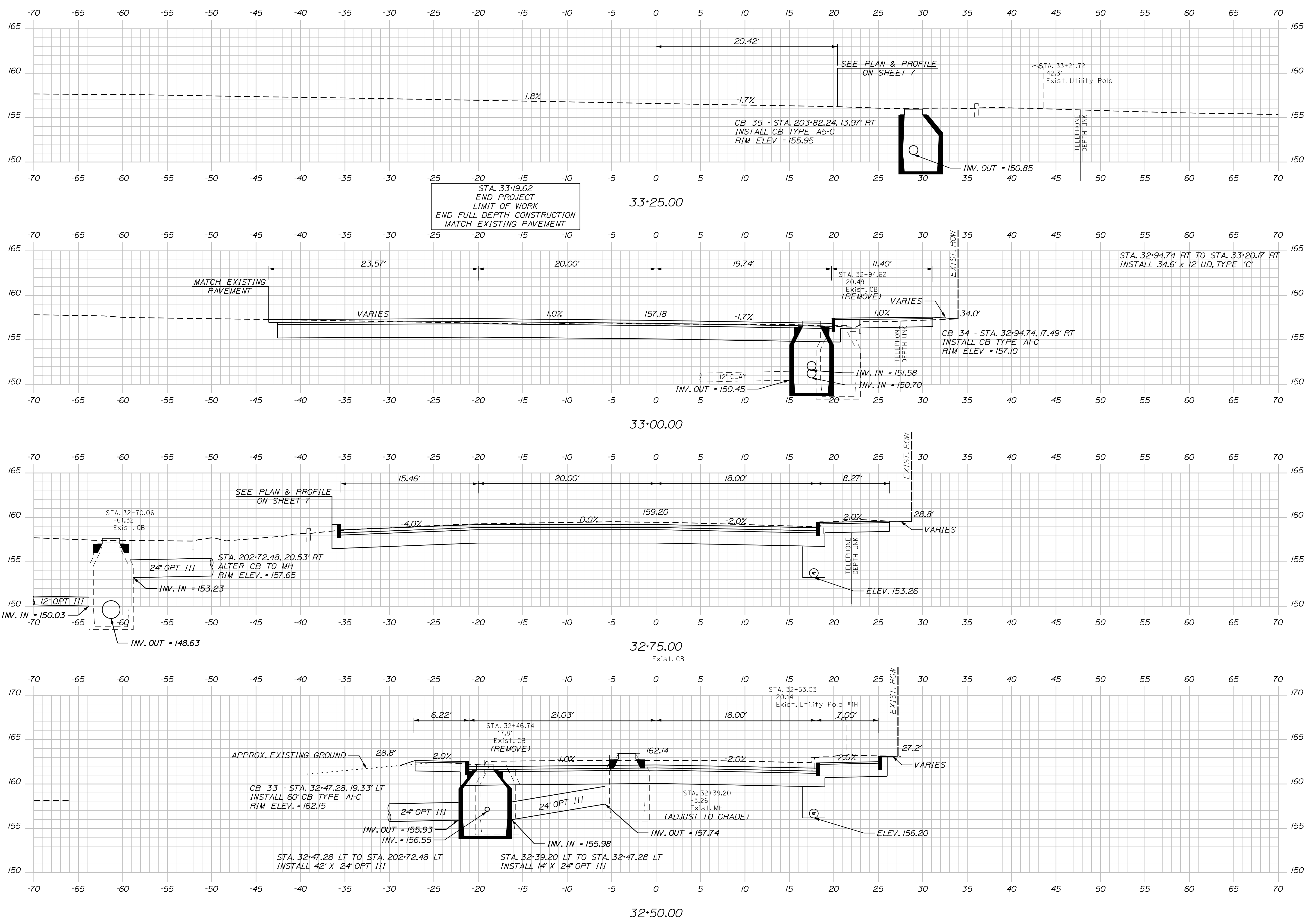
CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE
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CHECKED-REVIEWED DGE		12/16
DESIGN DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
 HAMPSHIRE STREET
 CROSS SECTIONS

SHEET NUMBER
61
 OF 62

Filename: ... \Z - CAD\00\Highway\Xsec.dgn
 Division: HIGHWAY
 Username: jared.winchenboch
 Date: 1/25/2017



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGNED: J.S.W.	J.S.W.	12/16			
CHECKED: R.W.D.		12/16			
DESIGNED: J.S.W.					
DESIGNED: J.S.W.					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

AUBURN
HAMPSHIRE STREET
CROSS SECTIONS

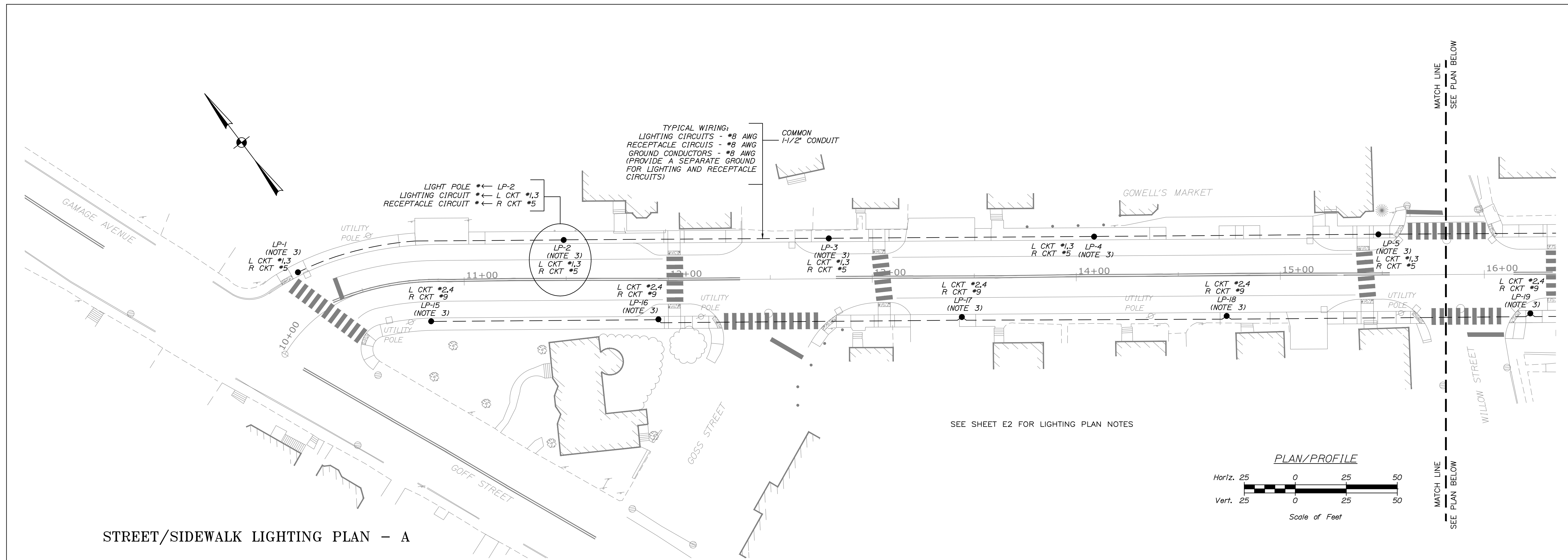
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 OF 62

Date: \$date\$

Username: \$user\$

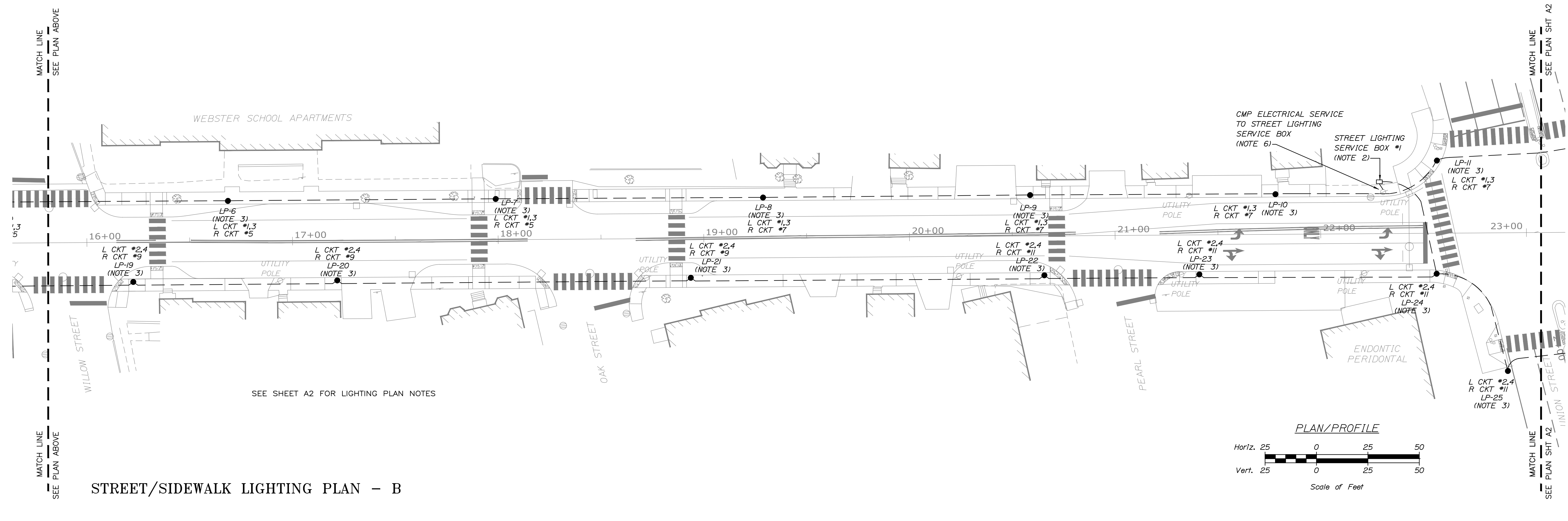
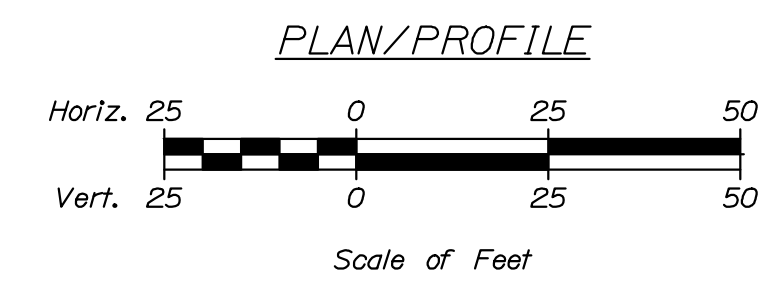
Division: \$wkgroupp\$

Filename: \$filen\$



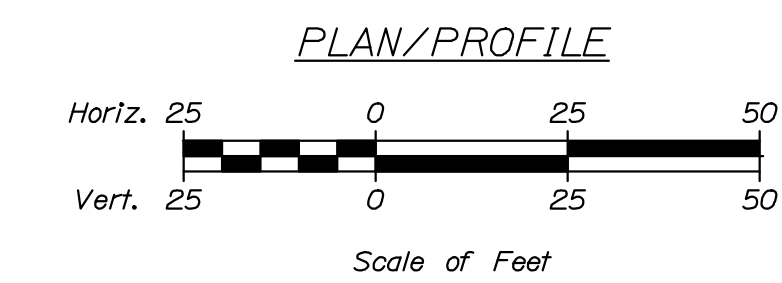
STREET/SIDEWALK LIGHTING PLAN - A

SEE SHEET E2 FOR LIGHTING PLAN NOTES



STREET/SIDEWALK LIGHTING PLAN - B

SEE SHEET A2 FOR LIGHTING PLAN NOTES



CITY OF AUBURN 60 COURT STREET AUBURN, MAINE 04210	
Lawrence E. Bartlett	SIGNATURE
	P.E. NUMBER 7928
	DATE 12/09/16
DATE 07/15/16	BY LEB
PROJ. MANAGER LEB	CHECKED-REVIEWED LEB
DESIGN-DETAILED LEB	DESIGN-DETAILED LEB
REVISIONS 1	REVISIONS 1
REVISIONS 2	REVISIONS 2
REVISIONS 3	REVISIONS 3
REVISIONS 4	REVISIONS 4
	FIELD CHANGES

AUBURN
HAMPSHIRE STREET
APPENDIX A
STREET/SIDEWALK LTG. - 1

SHEET NUMBER
A1
OF 3

Date: \$date\$

Username: \$user\$

Division: \$wkgroup\$

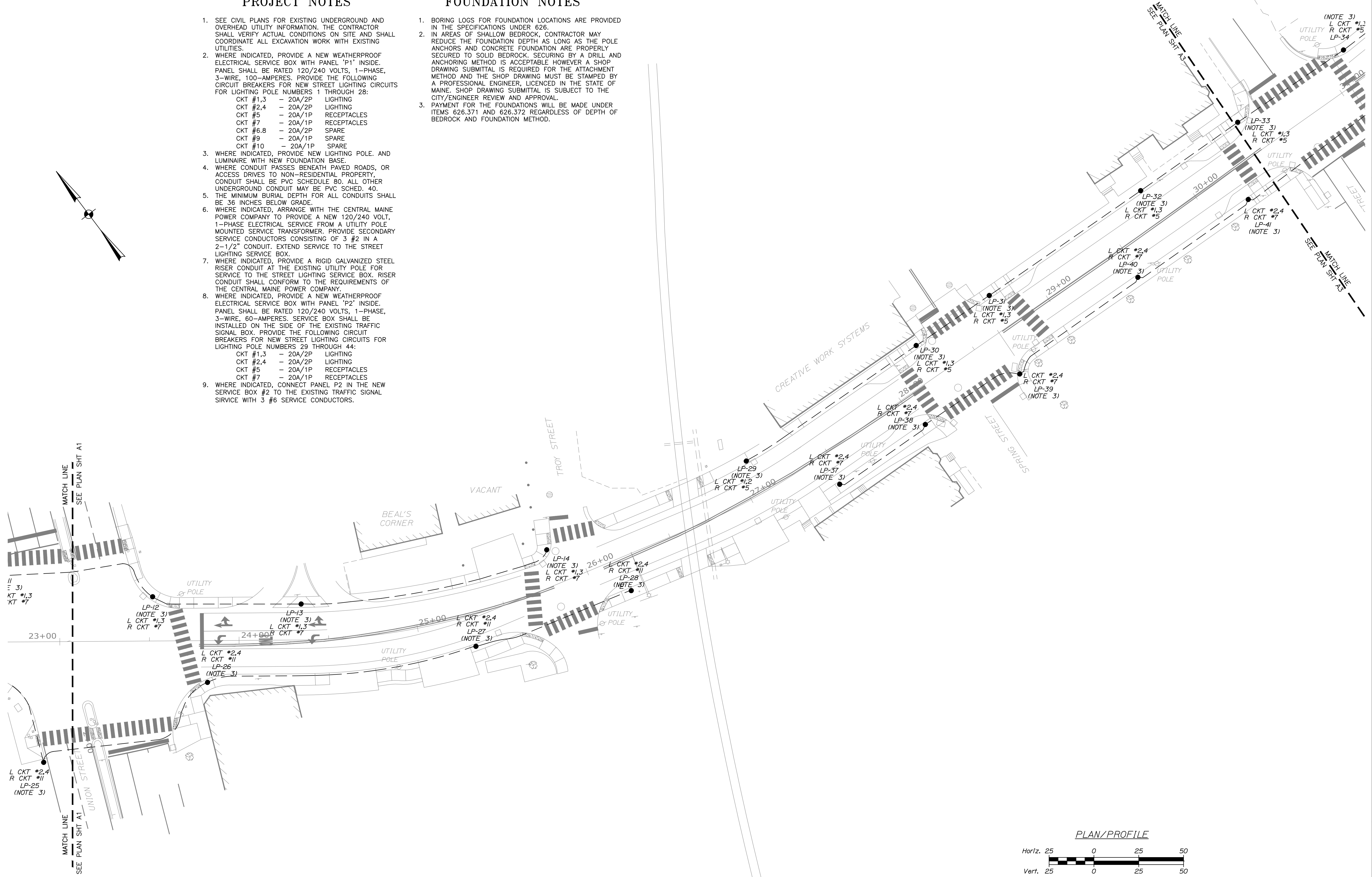
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PROJECT NOTES

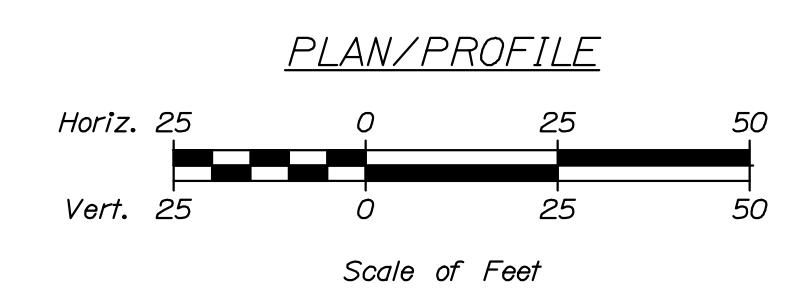
- SEE CIVIL PLANS FOR EXISTING UNDERGROUND AND OVERHEAD UTILITY INFORMATION. THE CONTRACTOR SHALL VERIFY ACTUAL CONDITIONS ON SITE AND SHALL COORDINATE ALL EXCAVATION WORK WITH EXISTING UTILITIES.
- WHERE INDICATED, PROVIDE A NEW WEATHERPROOF ELECTRICAL SERVICE BOX WITH PANEL "P1" INSIDE. PANEL SHALL BE RATED 120/240 VOLTS, 1-PHASE, 3-WIRE, 100-AMPERES. PROVIDE THE FOLLOWING CIRCUIT BREAKERS FOR NEW STREET LIGHTING CIRCUITS FOR LIGHTING POLE NUMBERS 1 THROUGH 28:
 CKT #1.3 - 20A/2P LIGHTING
 CKT #2.4 - 20A/2P LIGHTING
 CKT #5 - 20A/1P RECEPTACLES
 CKT #7 - 20A/1P RECEPTACLES
 CKT #6.8 - 20A/2P SPARE
 CKT #9 - 20A/1P SPARE
 CKT #10 - 20A/1P SPARE
- WHERE INDICATED, PROVIDE NEW LIGHTING POLE, AND LUMINAIRE WITH NEW FOUNDATION BASE.
- WHERE CONDUIT PASSES BENEATH PAVED ROADS, OR ACCESS DRIVES TO NON-RESIDENTIAL PROPERTY, CONDUIT SHALL BE PVC SCHEDULE 80. ALL OTHER UNDERGROUND CONDUIT MAY BE PVC SCHED. 40.
- THE MINIMUM BURIAL DEPTH FOR ALL CONDUITS SHALL BE 36 INCHES BELOW GRADE.
- WHERE INDICATED, ARRANGE WITH THE CENTRAL MAINE POWER COMPANY TO PROVIDE A NEW 120/240 VOLT, 1-PHASE ELECTRICAL SERVICE FROM A UTILITY POLE MOUNTED SERVICE TRANSFORMER. PROVIDE SECONDARY SERVICE CONDUCTORS CONSISTING OF 3 #2 IN A 2-1/2" CONDUIT. EXTEND SERVICE TO THE STREET LIGHTING SERVICE BOX.
- WHERE INDICATED, PROVIDE A RIGID GALVANIZED STEEL RISER CONDUIT AT THE EXISTING UTILITY POLE FOR SERVICE TO THE STREET LIGHTING SERVICE BOX. RISER CONDUIT SHALL CONFORM TO THE REQUIREMENTS OF THE CENTRAL MAINE POWER COMPANY.
- WHERE INDICATED, PROVIDE A NEW WEATHERPROOF ELECTRICAL SERVICE BOX WITH PANEL "P2" INSIDE. PANEL SHALL BE RATED 120/240 VOLTS, 1-PHASE, 3-WIRE, 60-AMPERES. SERVICE BOX SHALL BE INSTALLED ON THE SIDE OF THE EXISTING TRAFFIC SIGNAL BOX. PROVIDE THE FOLLOWING CIRCUIT BREAKERS FOR NEW STREET LIGHTING CIRCUITS FOR LIGHTING POLE NUMBERS 29 THROUGH 44:
 CKT #1.3 - 20A/2P LIGHTING
 CKT #2.4 - 20A/2P LIGHTING
 CKT #5 - 20A/1P RECEPTACLES
 CKT #7 - 20A/1P RECEPTACLES
- WHERE INDICATED, CONNECT PANEL P2 IN THE NEW SERVICE BOX #2 TO THE EXISTING TRAFFIC SIGNAL SERVICE WITH 3 #6 SERVICE CONDUCTORS.

FOUNDATION NOTES

- BORING LOGS FOR FOUNDATION LOCATIONS ARE PROVIDED IN THE SPECIFICATIONS UNDER 626.
- IN AREAS OF SHALLOW BEDROCK, CONTRACTOR MAY REDUCE THE FOUNDATION DEPTH AS LONG AS THE POLE ANCHORS AND CONCRETE FOUNDATION ARE PROPERLY SECURED TO SOLID BEDROCK. SECURING BY A DRILL AND ANCHORING METHOD IS ACCEPTABLE HOWEVER A SHOP DRAWING SUBMITTAL IS REQUIRED FOR THE ATTACHMENT METHOD AND THE SHOP DRAWING MUST BE STAMPED BY A PROFESSIONAL ENGINEER, LICENCED IN THE STATE OF MAINE. SHOP DRAWING SUBMITTAL IS SUBJECT TO THE CITY/ENGINEER REVIEW AND APPROVAL.
- PAYMENT FOR THE FOUNDATIONS WILL BE MADE UNDER ITEMS 626.371 AND 626.372 REGARDLESS OF DEPTH OF BEDROCK AND FOUNDATION METHOD.



STREET/SIDEWALK LIGHTING PLAN - C



CITY OF AUBURN
 60 COURT STREET
 AUBURN, MAINE 04210

PROFESSIONAL ENGINEER
 STATE OF MAINE
 AMBER E. BERTHIAUME
 LICENSE NO. 7928

Signature: Lawrence E. Berthiaume
 P.E. NUMBER 7928
 DATE 12/09/16

PROJ. MANAGER	BY	DATE
LEB	LEB	07/15/16

DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS	FIELD CHANGES
LEB	LEB	LEB	revision 1	
			revision 2	
			revision 3	
			revision 4	

AUBURN STREET
 HAMPSHIRE STREET
 APPENDIX A
 STREET/SIDEWALK LTG. - 2

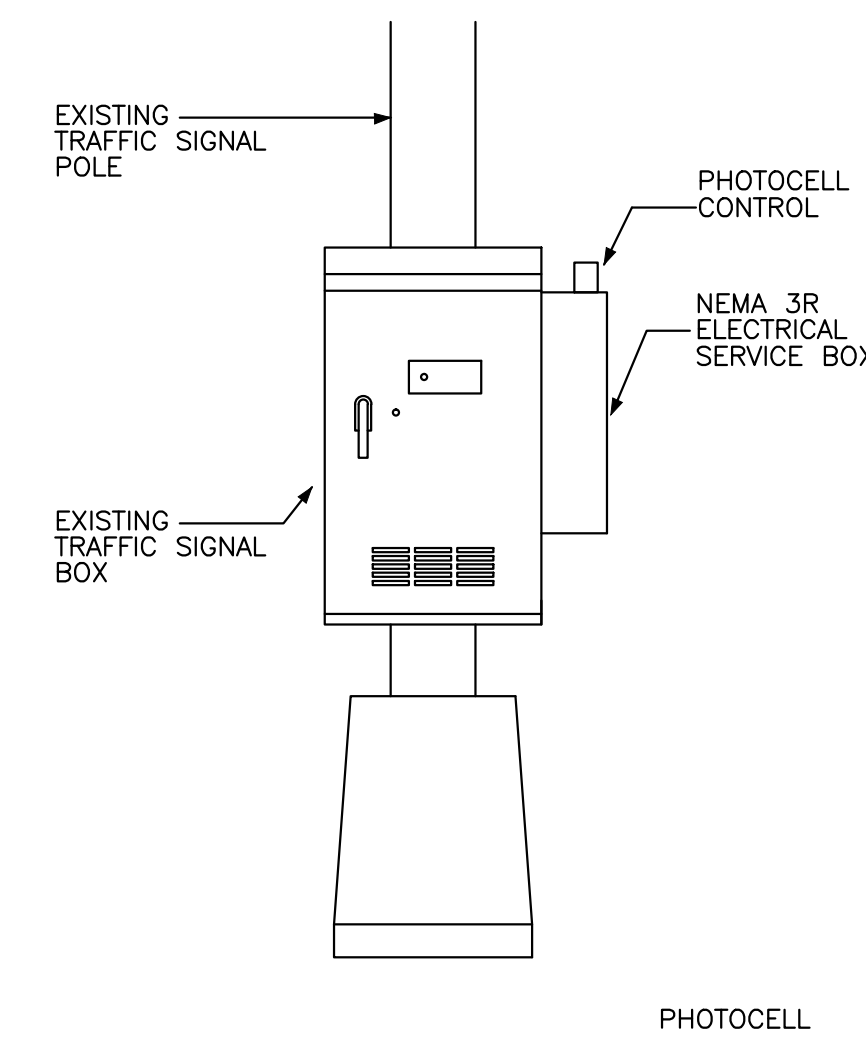
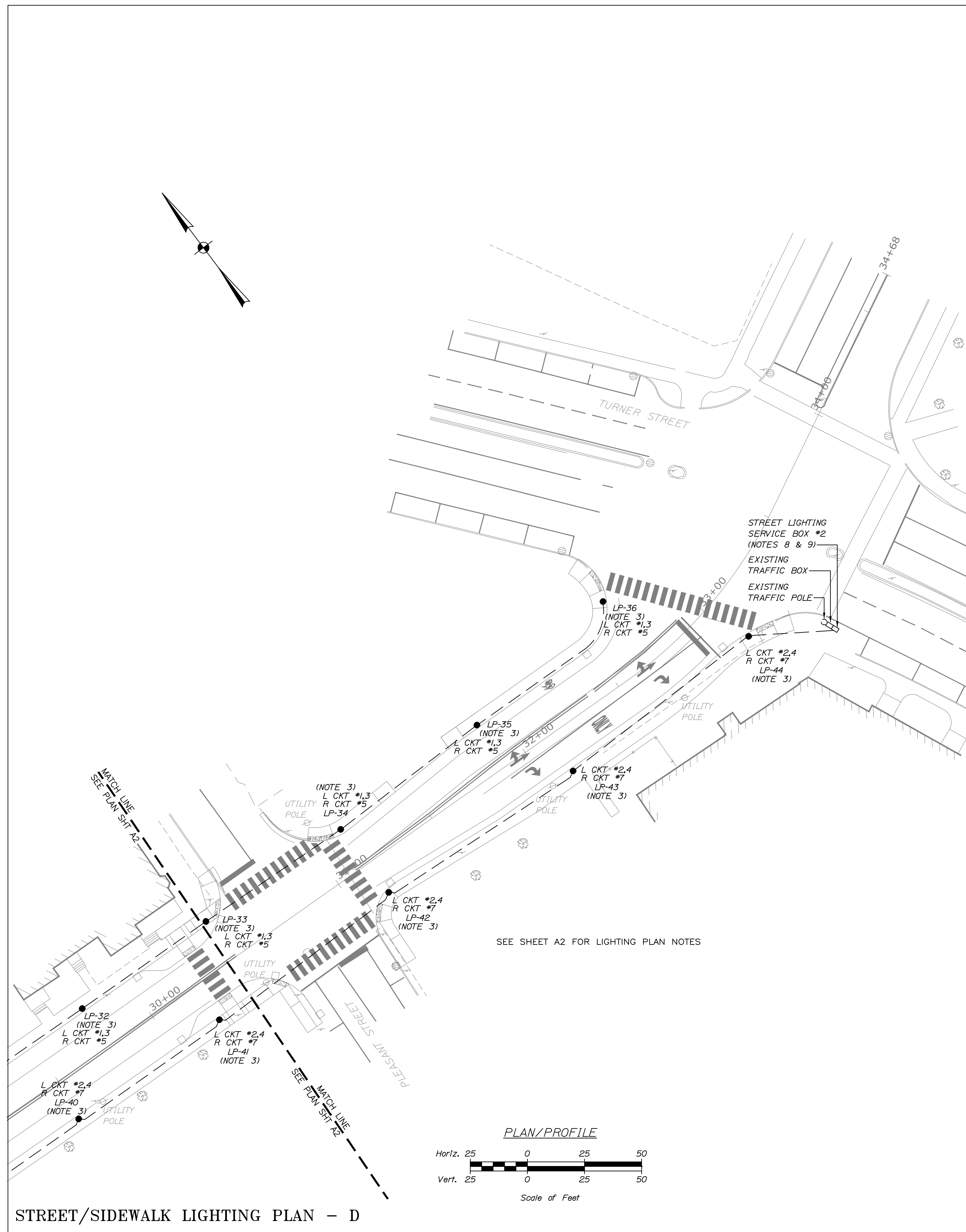
SHEET NUMBER
 A2
 OF 3

Date: \$date\$

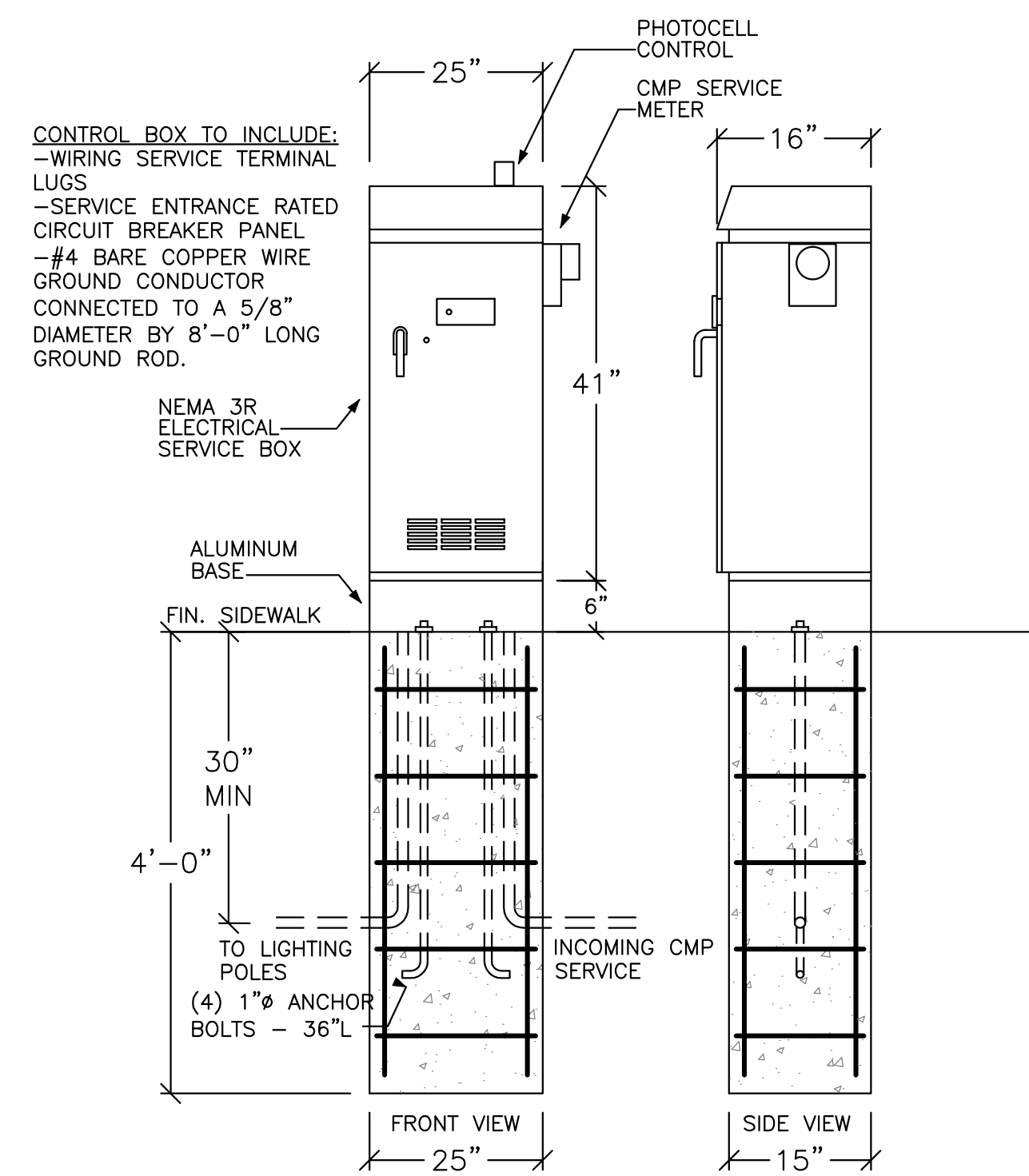
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Division: \$group\$

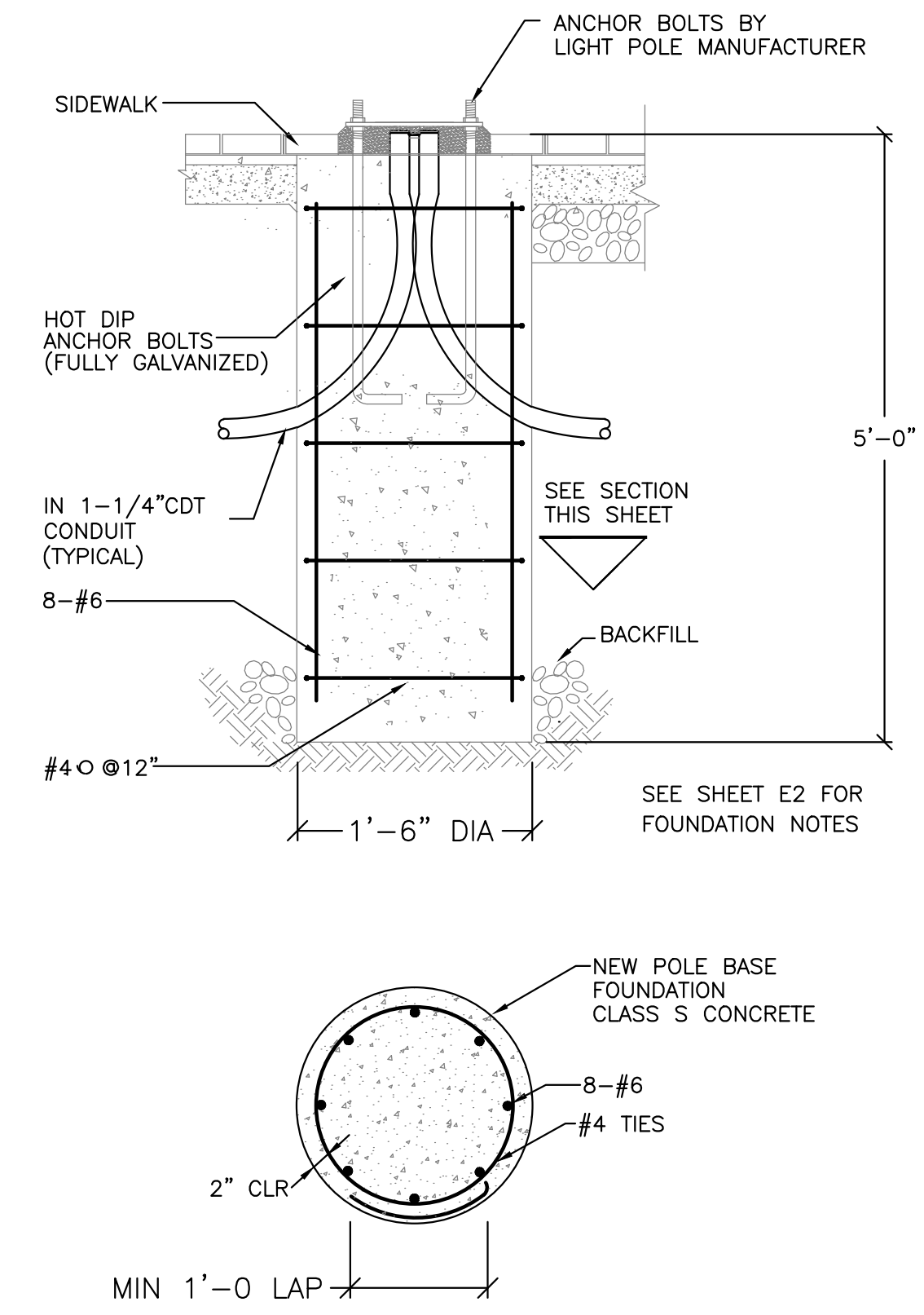
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LIGHTING SERVICE CABINET #2 DETAIL
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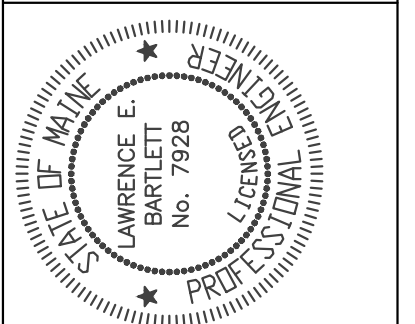


LIGHTING SERVICE CABINET #1 DETAIL
NOT TO SCALE



LIGHTING POLE BASE DETAIL
NOT TO SCALE

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

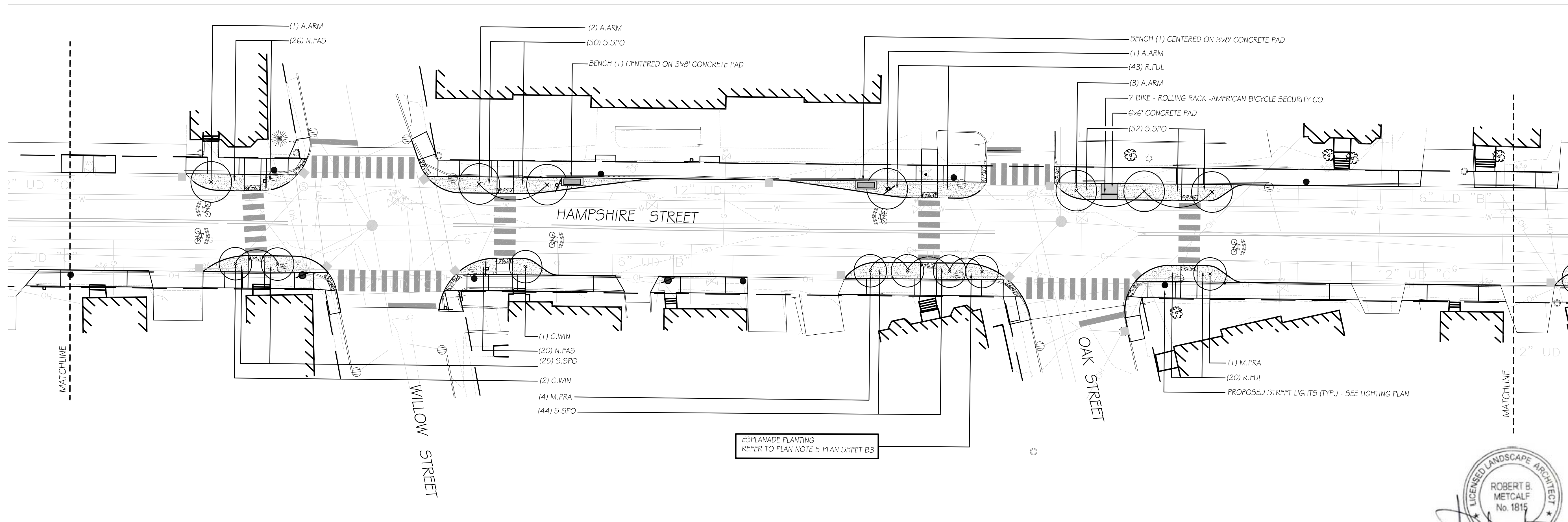
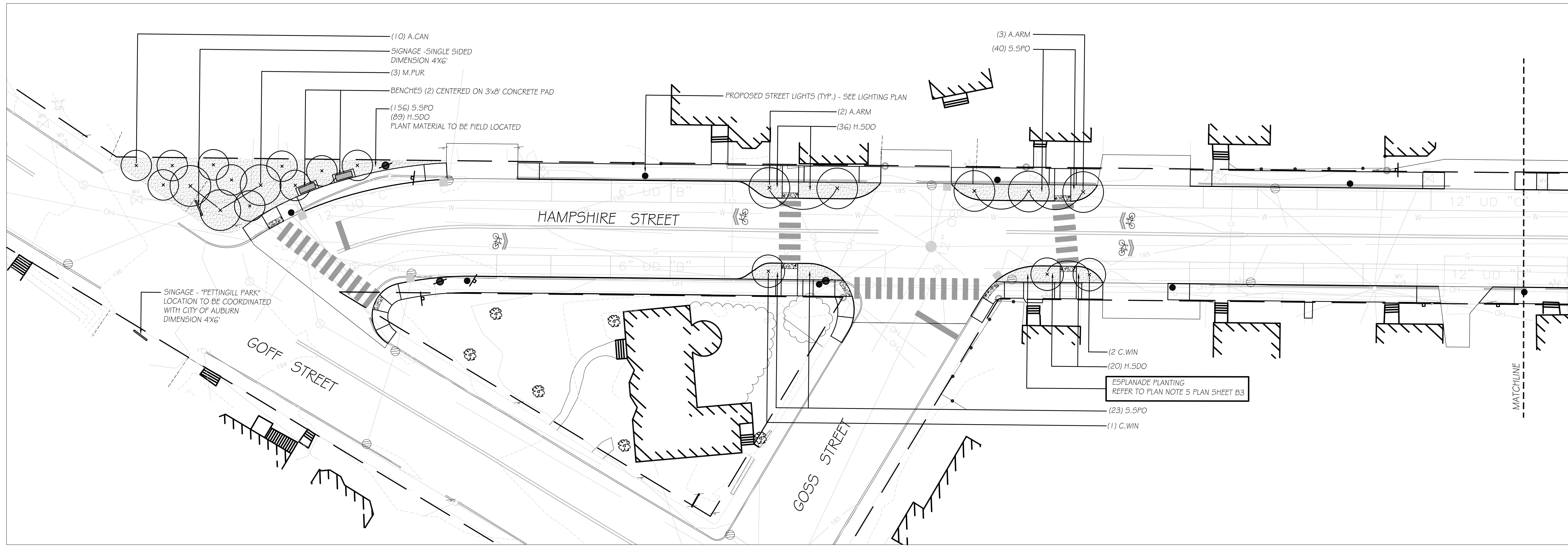

 Signature: *Lawrence E. Lawrence*
 P.E. NUMBER 7928
 DATE 12/09/16

DATE	BY	REVISION
07/15/16	LEB	revision 1
		revision 2
		revision 3
		revision 4
		field changes

AUBURN STREET
 HAMPSHIRE STREET
 APPENDIX A
 STREET/SIDEWALK LTG. - 3

SHEET NUMBER
A3
 OF 3

HAMPSHIRE STREET
LANDSCAPE IMPROVEMENT PROJECT
 Hampshire Street
 Auburn, Maine



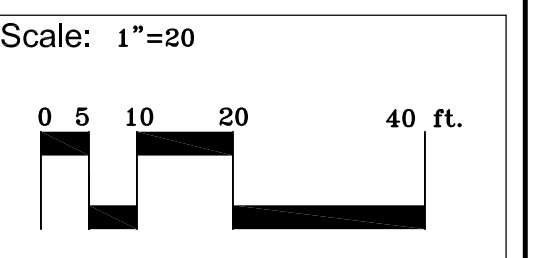
Date: DECEMBER 19, 2016

Issued For: FINAL REVIEW

Revisions:

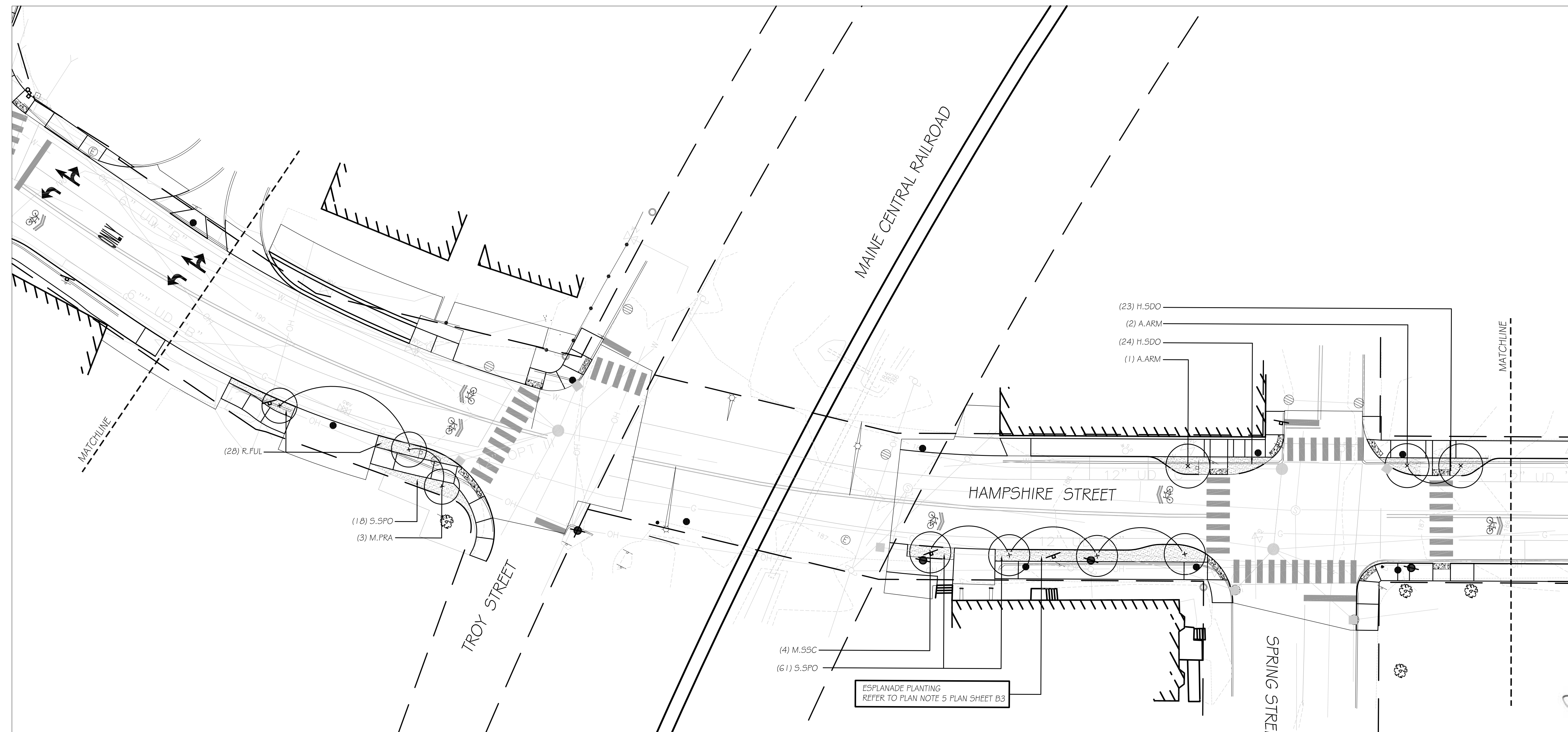
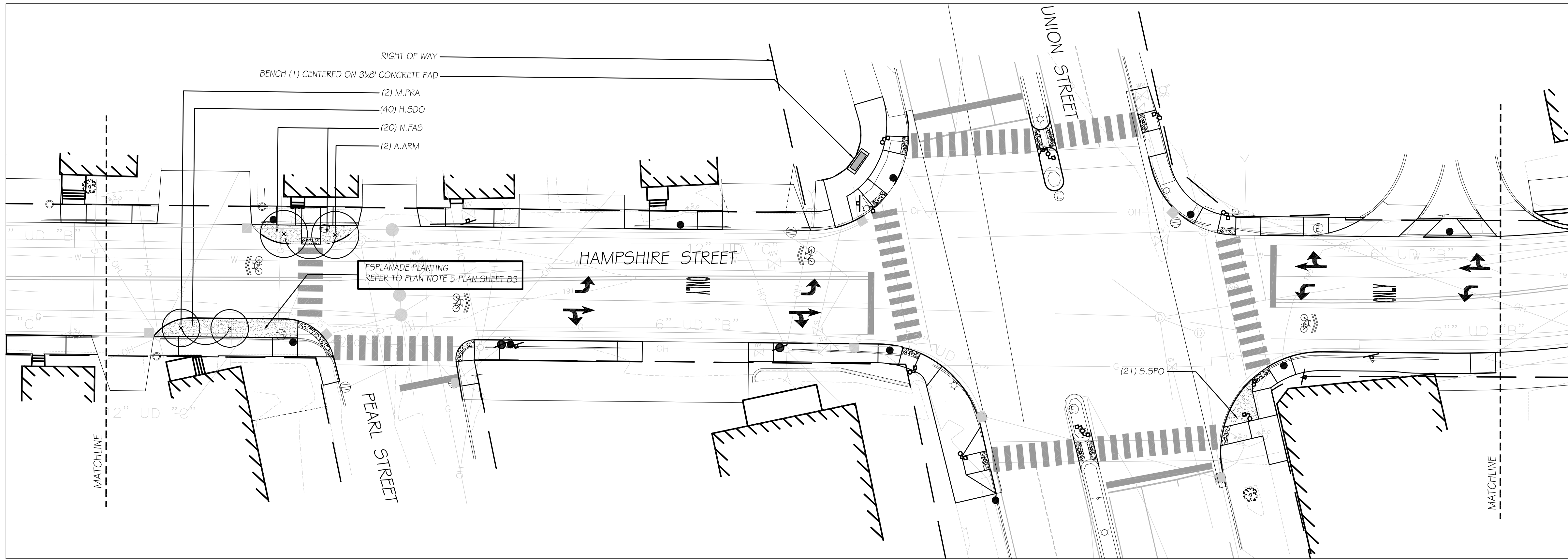
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Title:



North: Sheet No.: **B1**





Prepared By:
Mitchell & Associates
 LANDSCAPE ARCHITECTS
 The Staples School
 70 Center Street
 Portland, Maine 04101
 P: 207.774.4427
 F: 207.874-2460

Owner / Applicant:
 City of Auburn
 60 COURT STREET
 Auburn, Maine 04210

**HAMPSHIRE STREET
 LANDSCAPE IMPROVEMENT PROJECT**
 Hampshire Street
 Auburn, Maine

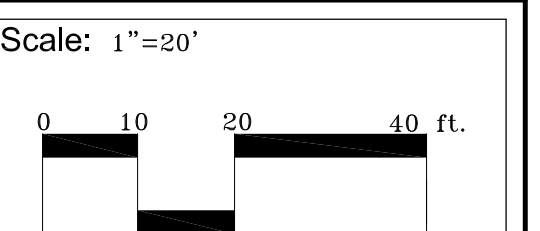
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Issued For:
 FINAL REVIEW

Revisions:

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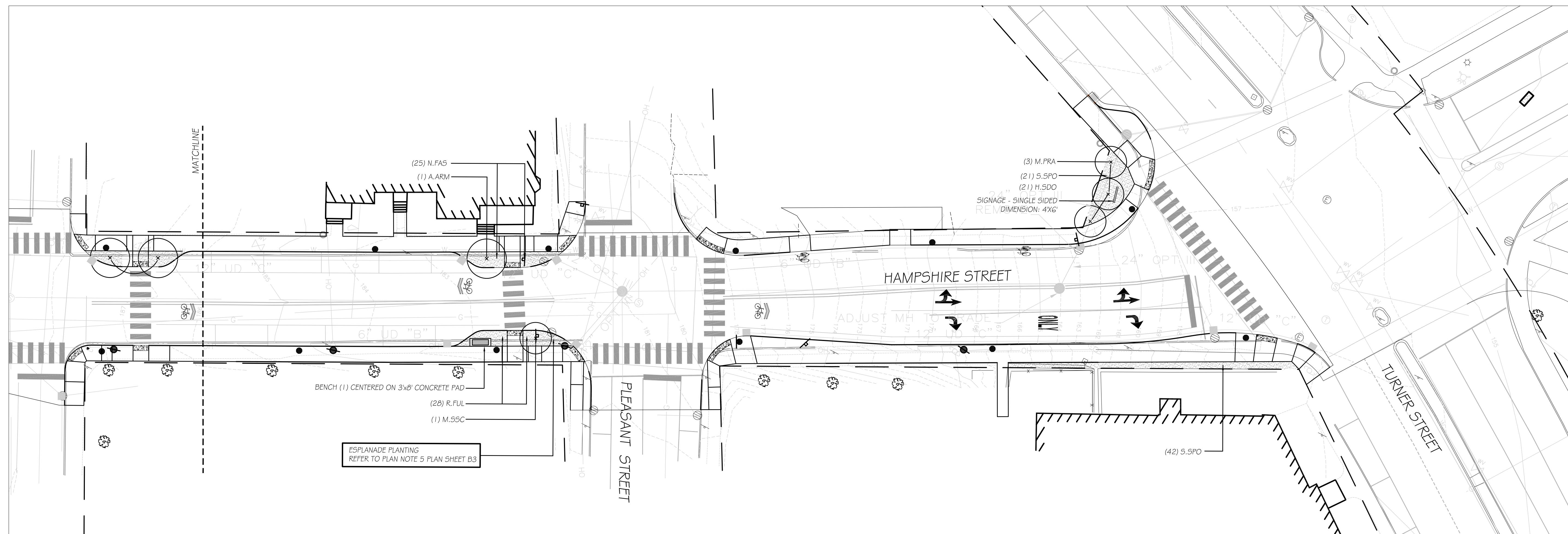
Title:
SITE PLAN



North:

Sheet No.:
B2





Prepared By:
Mitchell & Associates
 LANDSCAPE ARCHITECTS
 The Staples School
 70 Center Street
 Portland, Maine 04101 P: 207.774.4427
 F: 207.874-2460

Owner / Applicant:
 City of Auburn
 60 COURT STREET
 Auburn, Maine 04210

HAMPSHIRE STREET
LANDSCAPE IMPROVEMENT PROJECT
 Auburn, Maine
 Hampshire Street

GENERAL PLANTING NOTES

- CALL DIG-SAFE (1-888-344-7233) PRIOR TO BEGINNING WORK. THE LANDSCAPE CONTRACTOR IS ADVISED OF THE PRESENCE OF UNDERGROUND UTILITIES AND SHALL VERIFY THE EXISTENCE AND LOCATION OF SAME BEFORE COMMENCING AND DIGGING OPERATIONS. THE LANDSCAPE CONTRACTOR SHALL REPLACE OR REPAIR UTILITIES PAVING, WALKS, CURBING, ETC. DAMAGED IN PERFORMANCE OF THIS JOB AT NO ADDITIONAL COST TO OWNER.
- CONTRACTOR SHALL THOROUGHLY FAMILIARIZE HIMSELF WITH ALL SITE CONDITIONS PRIOR TO CONSTRUCTION BIDDING.
- DO NOT SCALE FROM DRAWINGS. ANY OMISSIONS IN DIMENSIONING SHALL BE REPORTED IMMEDIATELY TO THE LANDSCAPE ARCHITECT. ANY DISCREPANCIES BETWEEN DRAWINGS, DETAILS, NOTES AND SPECS SHALL BE IMMEDIATELY REPORTED TO THE LANDSCAPE ARCHITECT FOR FURTHER DIRECTION AND RESOLUTION BEFORE ANY ADDITIONAL WORK PROCEEDS.
- PROVIDE SMOOTH TRANSITION WHERE NEW WORK MEETS EXISTING CONDITIONS.
- ESPLANADE AREAS SHALL RECEIVE A MINIMUM OF 10 INCHES OF COMPOST AMENDED LOAM MEETING PROJECT SPECIFICATION REQUIREMENTS FOR LOAM / TOPSOIL. **SOIL TESTING SUBMITTAL REQUIRED.**
- APPLY 5-10-5 FERTILIZER TO NEW PLANTINGS AT A RATE SET BY MANUFACTURE.
- ALL PLANT MATERIAL INSTALLED SHALL MEET THE SPECIFICATIONS OF "AMERICAN STANDARDS FOR NURSERY STOCK BY THE AMERICAN ASSOCIATION OF NURSERYMEN" LATEST EDITION.
- ALL PLANT MATERIAL SHALL BE FREE FROM INSECTS AND DISEASE.
- ALL PLANTING SHALL BE DONE IN ACCORDANCE WITH ACCEPTABLE HORTICULTURAL PRACTICES. THIS IS TO INCLUDE PROPER PLANTING MIX, PLANT BED AND TREE PIT PREPARATION, PRUNING, STAKING OR CUYING, WRAPPING, SPRAYING, FERTILIZATION, PLANTING AND ADEQUATE MAINTENANCE UNTIL ACCEPTANCE FROM THE OWNER.
- ALL GRASS, OTHER VEGETATION AND DEBRIS SHALL BE REMOVED FROM ALL PLANTING AREAS PRIOR TO PLANTING.
- ALL PLANT MATERIAL SHALL BE INSPECTED BY THE LANDSCAPE ARCHITECT OR OWNER REPRESENTATIVE PRIOR TO INSTALLATION - 48 HOUR NOTIFICATION REQUIRED PRIOR TO PLANTING
- EXISTING TREES AND SHRUBS TO BE PRESERVED SHALL BE PROTECTED DURING CONSTRUCTION AND SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR.
- ALL SHRUB BEDS, TREE PITS, AND PERENNIAL BEDS SHALL BE MULCHED WITH 3" CLEAN SHREDDED BLACK MULCH (DO NOT EXCEED 3" DEPTH).
- ANY DEVIATION FROM THE LANDSCAPE PLAN, INCLUDING PLANT LOCATION, SELECTION, SIZE, QUANTITY, OR CONDITION SHALL BE REVIEWED AND APPROVED BY THE OWNER AND LANDSCAPE ARCHITECT PRIOR TO INSTALLATION ON SITE.
- DAMAGE TO EXISTING SITE IMPROVEMENTS DURING INSTALLATION OF LANDSCAPE MATERIAL SHALL BE THE RESPONSIBILITY OF THE LANDSCAPE CONTRACTOR.

PLANTING SCHEDULE

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	NOTES
TREES					
A.ARM	18	ACER RUBRUM 'ARMSTRONG'	'ARMSTRONG' RED MAPLE	2" CAL.	STRONG CENTRAL LEADER
A.CAN	10	AMELANCHIER CANADENSIS	NATIVE SHADBUSH	6-7"	MULTI-STEM
C.WIN	6	CRATAEGUS VIRIDIS 'WINTER KING'	WINTER KING HAWTHORN	1.5" CAL.	STRONG CENTRAL LEADER
M.SSC	7	MALUS 'SPRING SNOW'	'SPRING SNOW' CRABAPPLE	1.5" CAL.	STRONG CENTRAL LEADER
M.PRA	13	MALUS 'PRAIRIEFIRE'	'PRAIRIEFIRE' CRABAPPLE	1.5" CAL.	STRONG CENTRAL LEADER
M.PUR	3	MALUS 'PURPLE PRINCE'	'PURPLE PRINCE' CRABAPPLE	1.5" CAL.	STRONG CENTRAL LEADER
PERENNIALS & GRASSES					
H.SDO	253	HEMEROCALLIS 'STELLA DE ORO'	STELLA DE ORO DAYLILY	1 QUART	30" O.C.
N.FAS	91	NEPETA FAASSEMII 'WALKERS LOW'	WALKERS LOW CATMINT	1 QUART	30" O.C.
R.FUL	119	RUDBECKIA FLUGIDA 'GOLDSTURM'	BLACK EYED SUSAN	1 QUART	30" O.C.
S.SPO	553	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSSEED	1 QUART	30" O.C.

*MUSASHINO COLUMNAR ZELKOVA (ZELKOVA SERRATA 'MUSASHINO') - ALTERNATE FOR ACER RUBRUM 'ARMSTRONG'

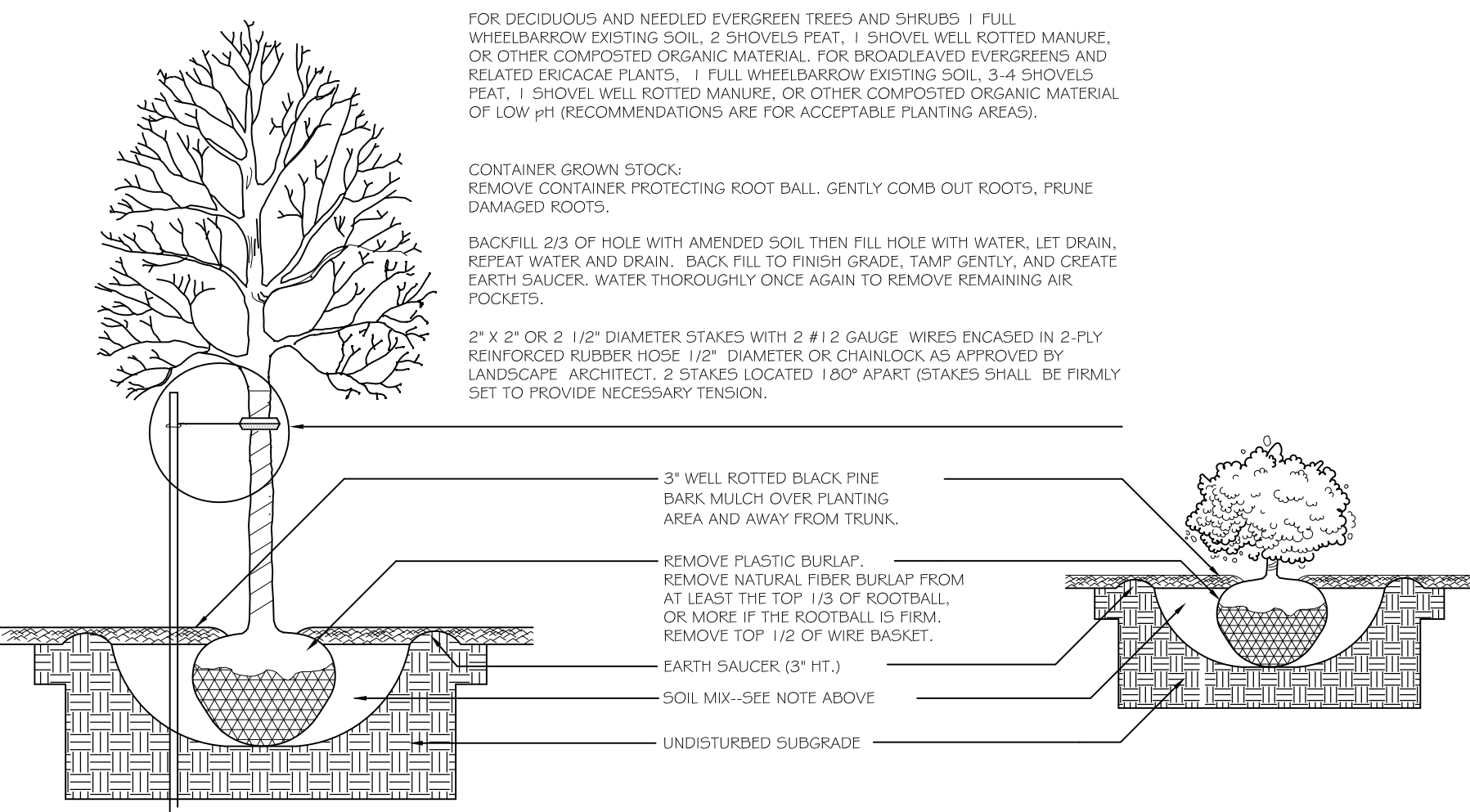
*NOTES:
 DIG HOLE AT LEAST 2 TIMES THE WIDTH OF ROOT BALL AND AS DEEP AS THE ROOT BALL (NO DEEPER). SET ROOT BALL CENTERED, WITH TOP AT GROUND LEVEL OR SLIGHTLY HIGHER. CORRECT HOLE DEPTH AS NEEDED.

FOR DECIDUOUS AND NEEDLED EVERGREEN TREES AND SHRUBS: 1 FULL WHEELBARROW EXISTING SOIL, 2 SHOVELS PEAT, 1 SHOVEL WELL ROTTED MANURE, OR OTHER COMPOSTED ORGANIC MATERIAL, FOR BROADLEAVED EVERGREENS AND RELATED ERICACEAE PLANTS, 1 FULL WHEELBARROW EXISTING SOIL, 3-4 SHOVELS PEAT, 1 SHOVEL WELL ROTTED MANURE, OR OTHER COMPOSTED ORGANIC MATERIAL OF LOW PH (RECOMMENDATIONS ARE FOR ACCEPTABLE PLANTING AREAS).

CONTAINER GROWN STOCK: REMOVE CONTAINER PROTECTING ROOT BALL. GENTLY COMB OUT ROOTS, PRUNE DAMAGED ROOTS.

BACKFILL 2/3 OF HOLE WITH AMENDED SOIL. THEN FILL HOLE WITH WATER. LET DRAIN, REPEAT WATER AND DRAIN. BACK FILL TO FINISH GRADE, TAMM GENTLY, AND CREATE EARTH SAUCER. WATER THOROUGHLY ONCE AGAIN TO REMOVE REMAINING AIR POCKETS.

2" X 2" OR 2 1/2" DIAMETER STAKES WITH 2 #12 GAUGE WIRES ENCASED IN 2-PLY REINFORCED RUBBER HOSE 1/2" DIAMETER OR CHANNELOCK AS APPROVED BY LANDSCAPE ARCHITECT. 2 STAKES LOCATED 180° APART. STAKES SHALL BE FIRMLY SET TO PROVIDE NECESSARY TENSION.

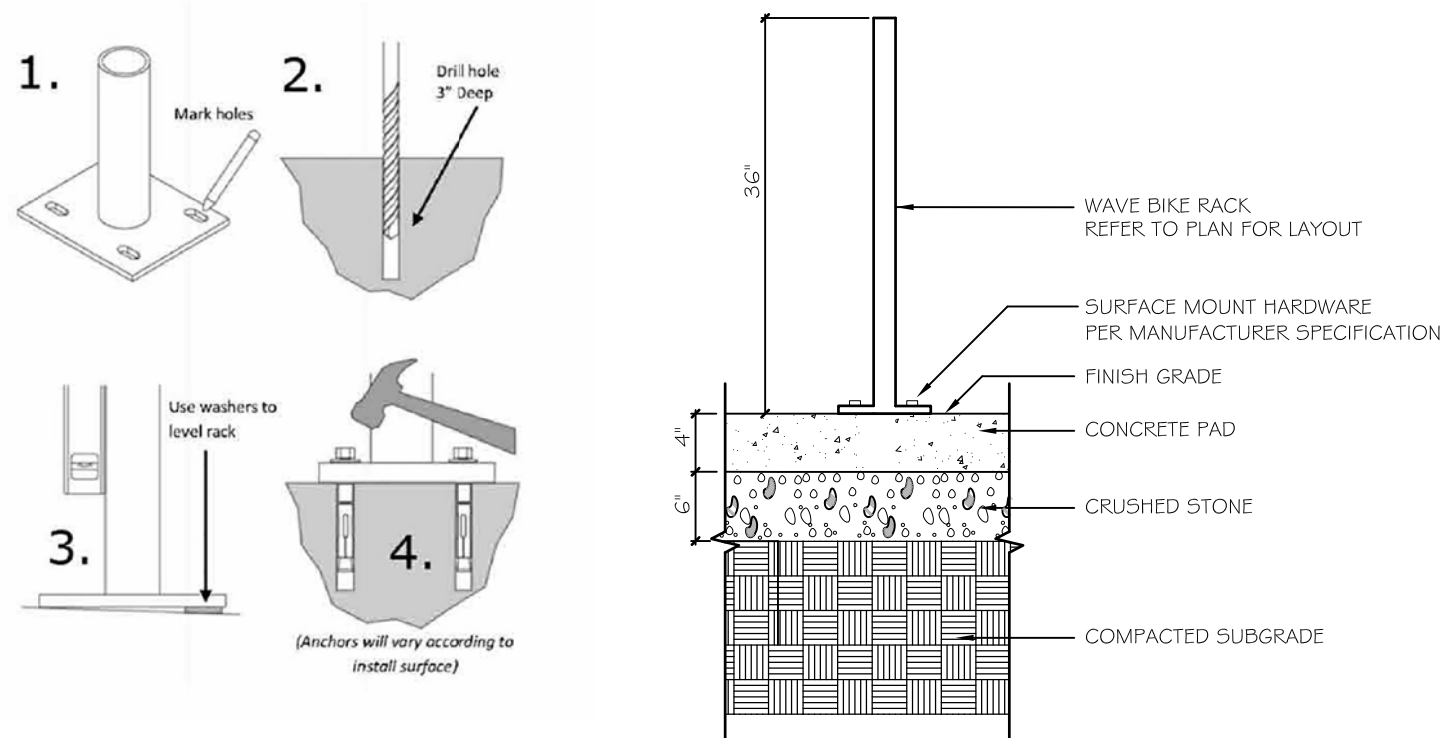


1 TREE AND SHRUB INSTALLATION
 NOT TO SCALE

- *Tools Needed for Installation
- Tape Measure
 - Marker or Pencil
 - Masonry Drill Bit
 - Drill (Hammer drill recommended)
 - Hammer
 - Wrench 9/16"
 - Level

Recommended Base materials:
 Solid concrete is the best base material for installation. Ask your American Bicycle Security representative which anchor is appropriate for your application to ensure the proper anchors are shipped with your rack. Be sure nothing is underneath the base material that could be damaged by drilling.

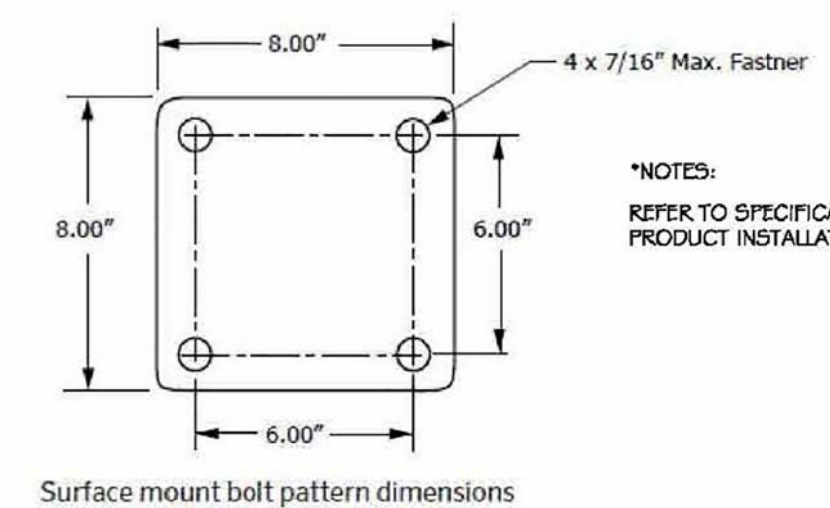
Installation:
 3/8" anchors are shipped with the rack. Place the rack in the desired location. Use a marker or pencil to outline the holes of the flange onto the base material. Drill the holes in accordance with the specifications shipped with the anchors. Make sure the holes are at least 5" away from any cracks in the base material.



2 ROLLING RACK SURFACE MOUNT INSTALLATION
 NOT TO SCALE

The feet of the Bench Ends feature a surface mount bolt pattern for securing the Bench with customer supplied surface mount hardware.

Landscape Brands recommends the use of stainless steel fasteners and following the installation directions supplied with that hardware.



3 ANOVA - COURTYARD CONTOUR BENCH SURFACE MOUNT INSTALLATION
 NOT TO SCALE

*NOTES:
 REFER TO SPECIFICATIONS FOR SPECIFIC HARDWARE AND PRODUCT INSTALLATION.

Date: DECEMBER 19, 2016

Issued For: FINAL REVIEW

Revisions:

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Title: **SITE PLAN**

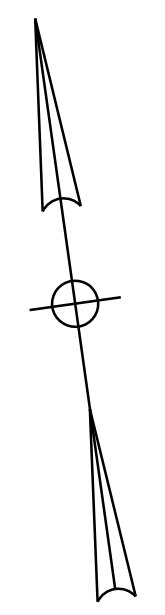
Scale: 1"=20'

North:

Sheet No.: **B3**

LICENSED LANDSCAPE ARCHITECT
 ROBERT B. METCALF
 No. 1815

Filename: ... \Court ST and Turner Street.dgn
 Division: HIGHWAY
 Username: jared.winchenbach
 Date: 1/25/2017

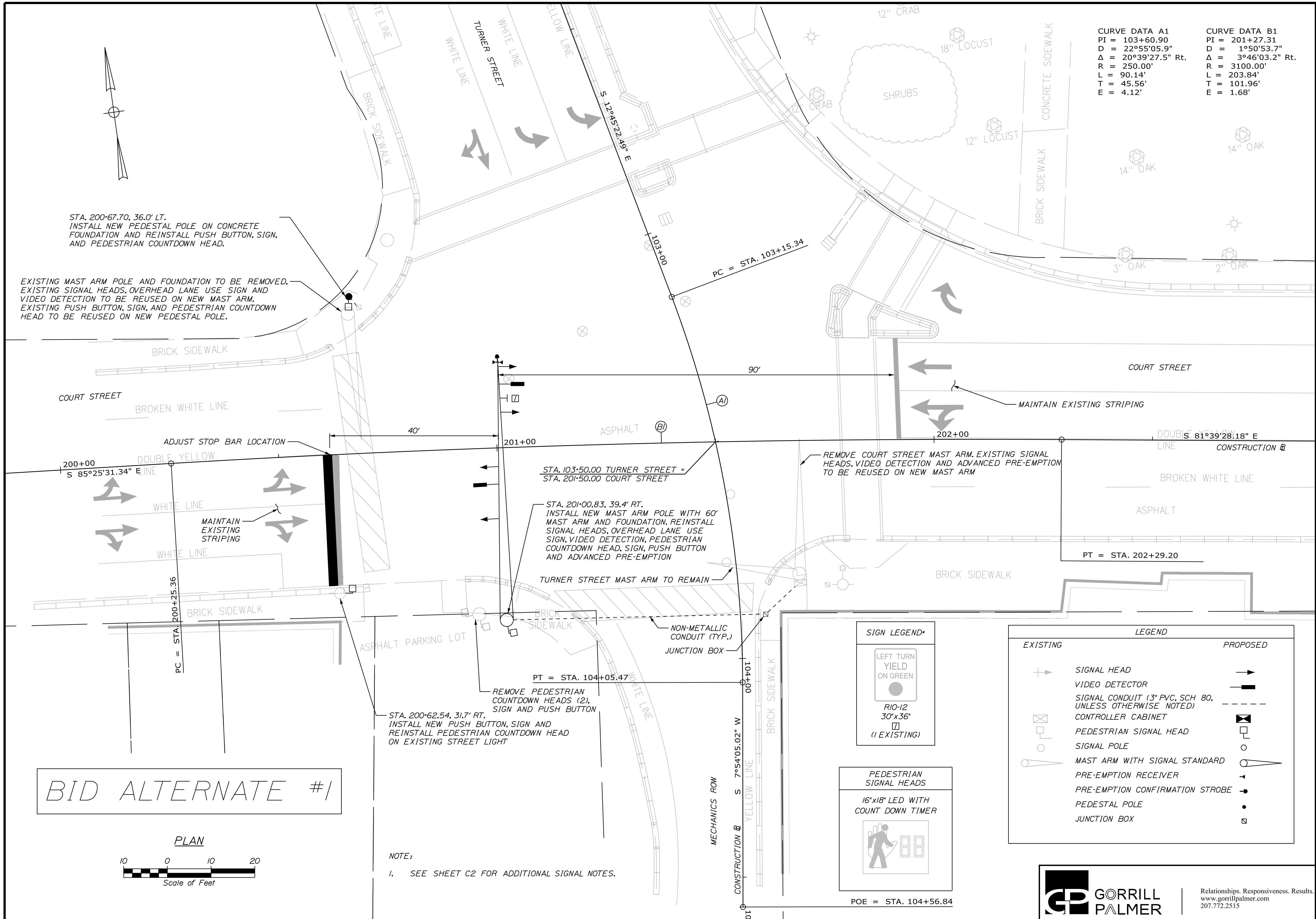


CURVE DATA A1
 PI = 103+60.90
 D = 22°55'05.9"
 Δ = 20°39'27.5" Rt.
 R = 250.00'
 L = 90.14'
 T = 45.56'
 E = 4.12'

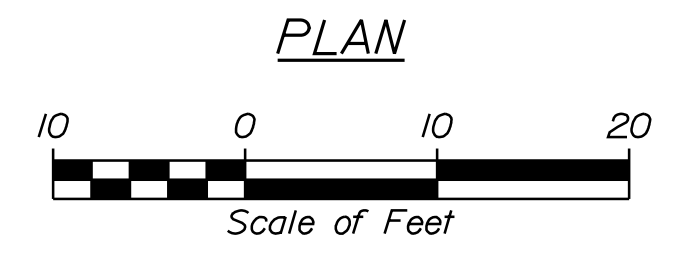
CURVE DATA B1
 PI = 201+27.31
 D = 1°50'53.7"
 Δ = 3°46'03.2" Rt.
 R = 3100.00'
 L = 203.84'
 T = 101.96'
 E = 1.68'

STA. 200+67.70, 36.0' LT.
 INSTALL NEW PEDESTAL POLE ON CONCRETE
 FOUNDATION AND REINSTALL PUSH BUTTON, SIGN,
 AND PEDESTRIAN COUNTDOWN HEAD.

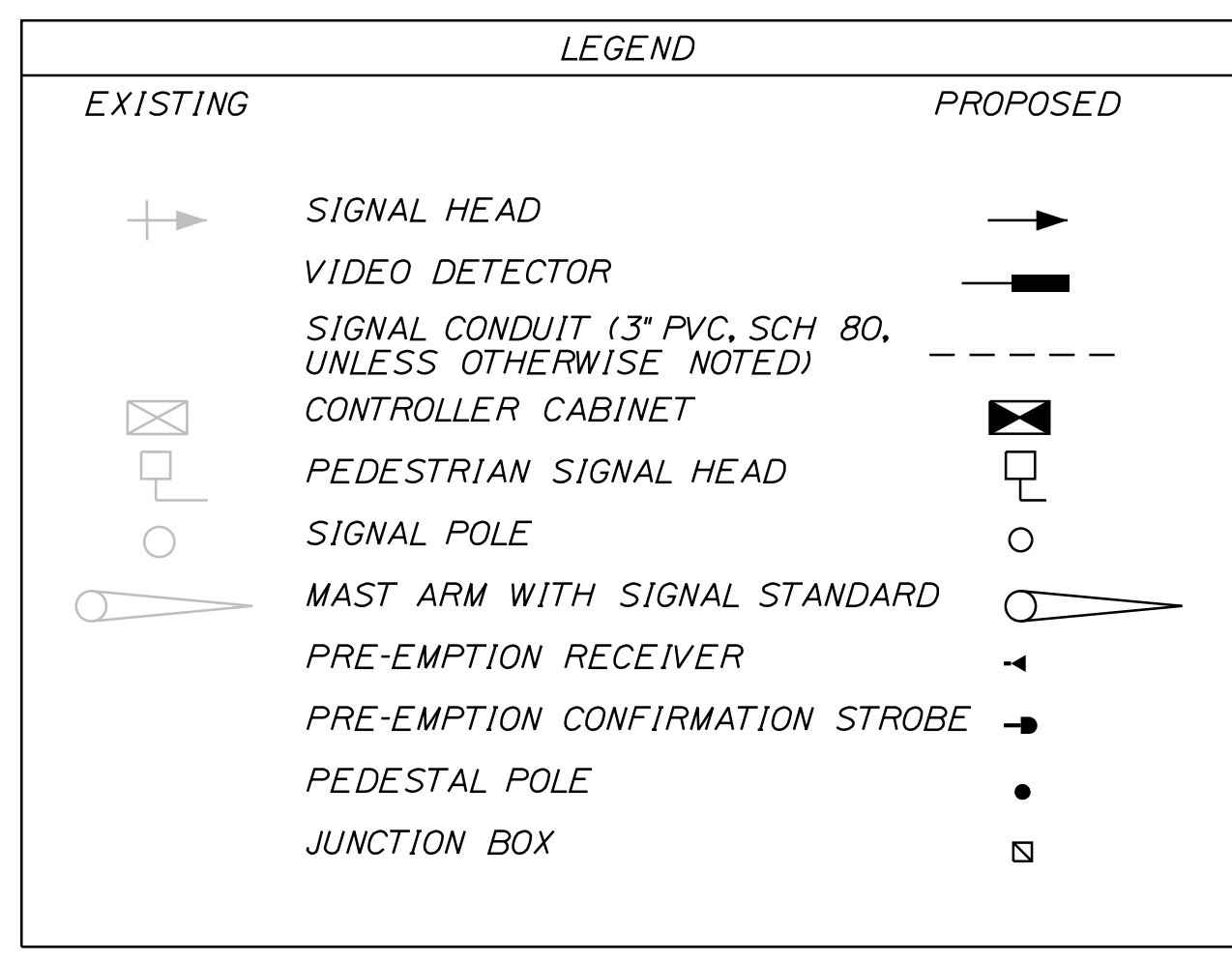
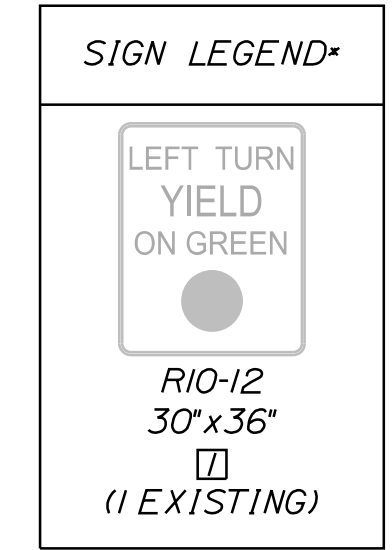
EXISTING MAST ARM POLE AND FOUNDATION TO BE REMOVED.
 EXISTING SIGNAL HEADS, OVERHEAD LANE USE SIGN AND
 VIDEO DETECTION TO BE REUSED ON NEW MAST ARM.
 EXISTING PUSH BUTTON, SIGN, AND PEDESTRIAN COUNTDOWN
 HEAD TO BE REUSED ON NEW PEDESTAL POLE.



BID ALTERNATE #1



NOTE:
 1. SEE SHEET C2 FOR ADDITIONAL SIGNAL NOTES.



CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE	BY	DATE
DESIGN DETAILED	1/17	TCL	1/17
CHECKED/REVIEWED			
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

TURNER ST & COURT ST
SIGNAL MODIFICATIONS
APPENDIX C

SHEET NUMBER

C1



Relationships. Responsiveness. Results.
 www.gorrillpalmer.com
 207.772.2515

Filename: ... \Court ST and Turner Street.dgn Division: HIGHWAY Username: jared.winchenboch Date:1/25/2017

GENERAL SIGNAL NOTES

1. ALL MATERIALS AND WORK SHALL CONFORM TO THE CITY OF AUBURN AND MAINE DOT STANDARD SPECIFICATIONS AND BE IN ACCORDANCE WITH THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS", U.S.D.O.T., F.H.W.A., LATEST EDITION.
2. ALL SIGNAL AND SIGNAL RELATED EQUIPMENT SHALL MEET OR EXCEED THE CITY OF AUBURN TRAFFIC SIGNAL STANDARDS.
3. IT IS THE INTENT OF THIS WORK TO HAVE A COMPLETE OPERATIONAL, TESTED AND ACCEPTED TRAFFIC SIGNAL UPON COMPLETION OF THIS CONTRACT.
4. TRAFFIC SIGNAL WORK SHALL BE COMPLETED IN A MANNER AND ORDER THAT WILL CAUSE THE MINIMUM DISRUPTION TO TRAFFIC.
5. THE LOCATIONS OF MAST ARMS AND POLES INCLUDING THE MOUNTED TRAFFIC DEVICES AND SIGNS ARE APPROXIMATE. FINAL LOCATIONS WILL BE DETERMINED IN THE FIELD BY THE INSPECTOR, OR CITY REPRESENTATIVE.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR TEMPORARY TRAFFIC SIGNALS AND ASSOCIATED WORK IF REQUIRED. CONTRACTOR SHALL REMOVE THE TEMPORARY TRAFFIC SIGNAL ONCE NEW SIGNAL IS OPERATIONAL. ALL COSTS ASSOCIATED WITH TEMPORARY SIGNALS SHALL BE INCIDENTAL TO THE 643 ITEMS.
7. CONTRACTOR SHALL PROVIDE AND INSTALL ALL JUNCTION BOXES PER MAINE DOT STANDARDS AT A MINIMUM.
8. THE CONTRACTOR SHALL PREPARE A MATERIAL SCHEDULE BASED UPON THEIR PLAN REVIEW. ALL SCHEDULES SHALL BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ORDERING MATERIALS OR PERFORMING WORK.
9. ALL CONDUIT CROSSING AREAS OF PAVED OR EXISTING PAVEMENT SHALL BE INSTALLED USING TRENCHLESS TECHNOLOGIES.
10. ALL SPLICES WILL BE MADE IN THE CABINETS OR POLES MEETING MAINE DOT SPECIFICATIONS.
11. THE CONTRACTOR SHALL PROVIDE MAST ARM DESIGN IN ACCORDANCE WITH SECTION 643.023.
12. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL STRUCTURAL DESIGN OF THE SIGNAL SUPPORT STRUCTURES AND THE CONNECTION OF THE SUPPORT STRUCTURES TO THEIR FOUNDATIONS. ALL DESIGNS SHALL BE PREPARED AND STAMPED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MAINE. DESIGN COMPUTATIONS, INCLUDING DESIGN LOADS (OVERTURNING MOMENT, TORSION, SHEAR FORCE, AND AXIAL LOAD) AT THE TOP OF THE FOUNDATIONS, AND SHOP DRAWINGS SHALL BE SUBMITTED FOR APPROVAL. NO MATERIALS SHALL BE ORDERED OR FABRICATED UNTIL THE DESIGN HAS BEEN APPROVED.
13. FOUNDATIONS SHALL CONSIST OF CAST-IN-PLACE REINFORCED CONCRETE DRILLED SHAFTS; ONE NEW DRILLED SHAFT PER MAST ARM OR DUAL PURPOSE POLE AS SET FORTH IN SECTION 626 OF THE MAINE DOT STANDARD SPECIFICATIONS. FOUNDATION SIZES SHALL BE SELECTED BY THE CONTRACTOR BASED UPON ACTUAL COMPUTED BENDING MOMENTS AND TORSION IN ACCORDANCE WITH MAINE DOT STANDARD SPECIFICATIONS AND STANDARD DETAILS. ACTUAL DESIGN LOADS AT THE TOP OF THE FOUNDATION THAT ARE PROVIDED BY THE CONTRACTOR AS PART OF THEIR STRUCTURAL SUBMITTAL WILL BE USED BY THE DEPARTMENT TO CHECK THE SPECIFIED SIZE OF THE DRILLED SHAFTS. DRILLED SHAFTS SHALL NOT BE PERMANENTLY CASED, EXCEPT FOR THE TOP 3 FEET; CONCRETE SHALL BE CAST DIRECTLY AGAINST THE SURROUNDING SOIL. PRECAST FOUNDATIONS WILL NOT BE ACCEPTED.
14. ANY DAMAGE TO SLOPES OR PAVEMENT RESULTING FROM INSTALLATION OF MAST ARM OR DUAL PURPOSE POLES, FOUNDATIONS OR PEDESTRIAN EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR AS DIRECTED BY THE INSPECTOR. COSTS OF REPAIRS SHALL BE INCIDENTAL TO PAYMENT UNDER SECTION 643.
15. CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ANY NECESSARY STREET/SIDEWALK OCCUPANCY OR OPENING PERMITS.
16. ALL SIGNAL HEADS AND SIGNS SHALL BE MOUNTED TO MAST ARMS WITH ASTROBRACKETS.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING RED-LINE AS-BUILT DRAWINGS OF THE FINAL WORK TO THE INSPECTOR. THOSE DRAWINGS SHALL BE A CLEAN SET OF PLANS SHOWING ALL CHANGES, MODIFICATIONS, AND ELEVATIONS TO THE BID PLANS.
18. CONTRACTOR SHALL DIG TEST PITS PRIOR TO INSTALLING SIGNAL EQUIPMENT TO ENSURE NO CONFLICTS WITH EXISTING UTILITIES.
19. THE BOTTOM OF THE HOUSING OF NEW SIGNAL FACES SHALL BE AT LEAST 16 FEET BUT NOT MORE THAN 19 FEET ABOVE THE PAVEMENT GRADE AT THE CENTER OF THE ROADWAY.

20. EXISTING TOPOGRAPHIC FEATURES SHOWN ON THE CI PLAN WERE DEVELOPED FROM AS BUILTS PROVIDED BY THE CITY. CONTRACTOR IS REQUIRED TO FIELD VERIFY ALL DESIGN REQUIREMENTS WITH THE INSPECTOR. FIELD ADJUSTMENTS TO THE DESIGN MAY BE REQUIRED. COORDINATE WORK WITH INSPECTOR.
21. THE CONTRACTOR SHALL CALL THE APPROPRIATE UTILITY COMPANIES AND DIG SAFE AT LEAST 72 HOURS PRIOR TO ANY EXCAVATION TO REQUEST EXACT FIELD LOCATION OF UTILITIES. THE CONTRACTOR IS SPECIFICALLY CAUTIONED THAT ONLY THE LOCATION OF CERTAIN EXISTING UTILITIES ARE SHOWN ON THE PLANS AND THESE ARE BASED ON CITY PROVIDED AS BUILTS AND GIS DATA. NO FIELD MEASUREMENTS HAVE BEEN MADE. THIS INFORMATION IS NOT TO BE RELIED ON AS BEING EXACT OR COMPLETE.
22. ROW INFORMATION SHOWN ON THE CI PLANS IS APPROXIMATED FROM CITY GIS DATA.
23. EXISTING SIGNAL PHASING AND TIMING SHALL BE MAINTAINED.

CITY OF AUBURN
60 COURT STREET
AUBURN, MAINE 04210

PROJ. MANAGER	DATE
DESIGN-DETAILED	1/17
CHECKED-REVIEWED	1/17
DESIGN-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

TURNER ST & COURT ST
SIGNAL MODIFICATIONS
APPENDIX C

SHEET NUMBER

2