

COLUMBIA COUNTY BOARD OF COUNTY COMMISSIONERS
COLUMBIA COUNTY PROJECT NUMBER 2014-09
SW Brim St. – Roadway Construction

NOTICE TO CONTRACTORS

Notice is hereby given that sealed bids will be received in the Columbia County Manager's office until **11:00 A.M.** on **August 11th, 2015**, for Columbia County Project No. **2014-09**. This office is located on the second floor of the Courthouse Annex at 135 Hernando Avenue, Room 203 Lake City FL 32055.

This project consists of the construction of a new paved two lane roadway along the existing alignment from SW Godbold Ave to SW Barwick Ter., from SW Barwick Ter to SW Birley Ave will be new construction of a paved two lane road. This project will also consist of constructing side drains and cross drains with end treatments, grassing all disturbed areas and replacement of all signs within project limits.

Scope of work includes clearing and grubbing, grading, stabilizing, limerock base, asphaltic concrete (structural and surface), driveway improvements, culverts, grassing, erosion control, and incidental items.

The Bid Forms and Construction specifications may be obtained from the County's web site at <http://www.columbiacountyfla.com/PurchasingBids.asp>. Deadline for questions regarding specifications and/or bid documents must be received before **11:00 A.M.** on **August 7th, 2015**.

The successful bidder will be required to furnish a 5% bid bond with bid submittal, and if selected, furnish the County Manager with a performance bond, and proof liability insurance prior to commencing work.

The Columbia County Commission reserves the right to reject any or all bids and to add to the contract or delete from the contract to stay within their funding capabilities.

Columbia County Board of County Commissioners

Rusty Depratter, Chair

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Gentlemen:

The undersigned, as bidder, hereby declares that he has examined the contract documents and informed himself fully in regard to all conditions pertaining to the work to be done; that he has examined the specifications for the work and other contract documents relative thereto; and that he has satisfied himself relative to the work to be performed.

The bidder agrees, if this bid is accepted, to contract with the Columbia County Board of County Commissioners to furnish everything necessary to complete the work covered by this bid and other contract documents for the Columbia County Board of County Commissioners. The Contractor assumes full responsibility for all quantities used in his/her bid. The contractor shall coordinate his construction with all proposed utilities on the site.

BRIM STREET					
NFPS Project No.: L130715CCB					
Pay Item No.	Pay Item Description	Quantity	Units	Unit Price	Total Cost
1	MOBILIZATION	1	LS		
2	MAINTENANCE OF TRAFFIC	1	LS		
3	SEDIMENT BARRIER	1	LS		
4	CLEARING & GRUBBING	1	LS		
5	REGULAR EXCAVATION	1	LS		
6	BORROW EXCAVATION	7,788	CY		
7	SUBSOIL EXCAVATION	5,500	CY		
8	COMMERCIAL STABILIZING MATERIAL	500	CY		
9	STABILIZING (ROADWAY AND SHOULDER)	50,943	SY		
10	OPTIONAL BASE, BASE GROUP 04	37,246	SY		
11	TURNOUT CONSTRUCTION	3,538	SY		
12	SUPERPAVE ASPHALTIC CONC, TRAFFIC B	5,582	TN		
13	PIPE CULVERT ROUND CMP, COATED, 18" SD	2,480	LF		
14	PIPE CULVERT ROUND CONCRETE, 18" CD	272	LF		
15	MITERED END SECTION, ROUND CONCRETE, 18"CD	10	EA		
16	MITERED END SECTION, ROUND CMP, 18" SD	114	EA		
17	PERFORMANCE TURF (SEED & MULCH)	17,218	SY		
18	PERFORMANCE TURF, SOD	61,891	SY		
19	SINGLE POST SIGN, F&I, LESS THAN 12 SF	77	EA		
20	DITCH BLOCK	4	EA		
21	RETRO-REFLECTIVE PAVEMENT MARKERS	590	EA		
22	PAINTED PAVEMENT MARKINGS	1	LS		
TOTAL					

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Pay Item Notes:

- 2. Maintenance of Traffic – Includes all elements required for the Traffic Control Plan, construction stakeout, and includes temporary centerline delineation and stop bars placed at all non-working times.
- 3. Sediment Barrier – Includes hay bales, staked silt fence, and other items necessary to minimize erosion and prevent sediment from leaving the project limits as directed by the Engineer.
- 4. Clearing and Grubbing – Includes removal of all pavement, pipe, vegetation, or any other demolition required for the project.
- 7. Subsoil Excavation – Include removal of unsuitable material 24” deep and replace with suitable material compacted in six (6) inch lifts.
- 8. Commercial Stabilizing Material – Apply 2” of material as needed to meet the LBR. May be increased, decreased, or omitted.
- 9. Stabilizing (Roadway and Shoulder) – Includes mixing, compacting, and meeting LBR requirements.
- 17. Performance Turf (Seed and Mulch) – Includes all areas disturbed and not sodded.
- 22. Painted Pavement Markings – Includes temporary and permanent pavement markings.

ADDENDA	
NUMBER	DATE SENT

BID TOTAL FOR SW. BRIM STREET CONSTRUCTION

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ALL ITEMS MAY BE INCREASED, DECREASED, OR OMITTED AS DIRECTED BY THE ENGINEER.

**ALL MATERIALS AND CONSTRUCTION SHALL CONFORM TO BOTH THE REQUIREMENTS OF THE LATEST FDOT
STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION AND THE LATEST FDOT DESIGN
STANDARDS.**

**ALL INCIDENTAL WORK INCLUDED IN THESE ITEMS
ALL UNIT PRICE AND TOTAL SPACES MUST BE FILLED IN TO CORRELATE WITH EACH ITEM**

Note: contractors shall be in compliance with chapter 489, Florida statutes, licensure requirements.

Florida construction industries licensing board certification.

(name of holder)

(certificate no.)

In witness whereof, the bidder has hereunto set his signature and affixed his seal this _____ day
of _____, A.D. 20 _____

(seal)

By: _____

Title: _____

Type or print name of firm: _____

Address: _____

Contact person: _____

Telephone No.: _____

Fax no.: _____

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General Requirements

I. General.

This project consists of the construction of a new paved two lane roadway along the existing alignment from SW Godbold Ave to SW Barwick Ter., from SW Barwick Ter to SW Birley Ave will be new construction of a paved two lane road. This project also consist of constructing side drains and cross drains with end treatments, grassing all disturbed areas and replacement of all signs within project limits.

II. Contract Time

The contract time shall be 240 days from the date of contract execution. The contractor will be required to return executed contract to Ray Hill, Columbia County purchasing director and Chad Williams, Columbia County Engineer, within 14 days of Board approval. Time can be extended by mutual agreement of both parties. Liquidated damages shall be \$300.00 per day. No work is allowed on Saturdays, Sundays, and/or County designated holidays.

Underground utility lines will require adjustment. Contractor will coordinate with utility company. Once clearing and grubbing is complete, contractor may experience a delay up to 8 weeks for utility relocates.

Contractor shall provide a construction schedule with the bid package detailing time frames/lines showing how the project will be constructed. The schedule will be taken into consideration in the bid review process and bids submitted without the schedule could be reason for a bid to not receive full consideration.

III. Construction and Materials

All construction methods and materials shall conform to the requirements of the latest edition of the Florida Department of Transportation Design Standards and Florida Department of Transportation Standard Specifications for Road and Bridge Construction.

IV. Maintenance of Traffic

Contractor shall provide Maintenance of Traffic and it shall conform to the requirements of the latest edition of the Florida Department of Transportation Design Standards.

Flagging will be required and only one traffic lane may be closed between the hours of 8:30 A.M. to 4:30 P.M. only.

All construction signage shall be provided by the contractor.

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V. Compensation

Payment shall be made on a monthly basis on work completed with 10% retainage.

Purchasing Department – General Instructions to Bidders

These instructions will bind bidders and conditions herein set forth, except as specifically qualified in special bid and contract terms issued with any individual bid.

1. The following criteria are used in determining low responsible bidder:
 - A. The ability, capacity and skill of bidder to perform required service.
 - B. Whether the bidder can perform service promptly or within specified time.
 - C. The character, integrity, reputation, judgment, experience and efficiency of bidder.
 - D. The performance of previous contracts with Columbia County.
 - E. The suitability of equipment or material or county use.
 - F. The ability of bidder to provide future maintenance
2. Payment Terms are net (30) unless otherwise specified. Favorable terms, discounts, may be offered and will be considered in determining low bids if they are deemed by Purchasing Department to be advantageous to the County.
3. All bids should be tabulated, totaled and checked for accuracy. All blanks on Bid Proposal sheet shall be filled in and unit price will prevail in case of errors.
4. All requested information shall be included in the envelope. All desired information must be included for your bid to receive full consideration.
5. If anything on the bid request is not clear, you should contact the Purchasing Director immediately.
6. A bidders list is available at the Purchasing Office.
7. Quote all prices F.O.B. our warehouse or as specified in bid documents.
8. Each proposal shall be clearly marked on the outside of the envelope including Fed Ex, UPS or other delivery service envelopes, as a sealed bid. The name of the item being bid shall be shown on the outside in full.
9. No responsibility shall attach to any County representative or employee for the premature opening of bids not properly addressed or identified.
10. If only one (1) bid is received, the bid may be rejected and re-advertised or excepted if determined to be in the counties best interest.

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11. Bids received late will not be accepted, and the County will not be responsible for late mail delivery.
12. Telephone and facsimile bids will not be acceptable in formal bid openings (sealed bids). Should a bid be misplaced by the County and found later, it will be considered. Any bidder may request and shall receive a receipt showing the day and time any bid is delivered to the appropriate office of the County from the personnel thereof.
13. Bids requiring bid bonds will not be accepted if bond is not enclosed. Cash or certified check will be accepted in lieu of bond except on construction projects where cost exceeds \$40,000.
14. All bidders must be recognized dealers in the materials or equipment specified and is qualified to advise in their application or use. A bidder at any time requested must satisfy the Purchasing Office and the County Manager that he has the requisite organization, capital, plant, stock ability and experience to satisfactorily execute the contract in accordance with the provisions of the contract in which he is interested.
15. Any alterations, erasures, additions, or admissions of required information or any changes to specifications or bidding schedule are done at the risk of the bidder. Any bid will be rejected that has a substantial variation, that is; a variation that affects price, quantity, and quality or delivery date (when delivery is required by a specific time).
16. When requested, samples will be furnished to the County free of expense, properly marked for identification and accompanied by a list where there is more than one (1) sample. The County reserves the right to mutilate or destroy any sample submitted whenever it may be to the best interest of the County to do so for the purpose of testing.
17. The County will reject any material, supplies or equipment that did not meet the specifications, even though the bidder lists the trade names or names of such material on the bid or price quotation form.
18. The unauthorized use of patented articles is done entirely at the risk of the successful bidder.
19. The ESTIMATED QUANTITY given in the specifications or advertisements is for the purpose of bidding only. The County may purchase more or less than the estimated quantity and the vendor must not assume that such estimated quantity is part of the contract.
20. Only the latest model equipment as evidenced by the manufacture's current published literature will be considered. Obsolete models of equipment not in production will not be acceptable. The equipment shall be composed of new parts and materials. Any unit containing used parts or having seen any service other than the necessary tests will be

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rejected. In addition to the equipment specifically called for in the specification, all equipment catalogued by the manufacturer as standard or required by the State of Florida shall be furnished with the equipment. Where required by the State of Florida Motor Vehicle Code, vehicles shall be inspected and bear the latest inspection sticker of the Florida Department of Revenue.

21. Prospective bidders are required to examine the location of the proposed work or delivery and determine, in their own way, the difficulties, which are likely to be encountered in the prosecution of the same.
22. All materials, equipment and supplies shall be subject to rigid inspection, under the immediate supervision of the Purchasing Department, its designee and /or the department to which they are delivered. If defective material, equipment, or supplies are discovered, the contractor, upon being instructed by the Purchasing Department or designee, shall remove, or make good such material, equipment, or supplies without extra compensation. It is expressly understood and agreed that the inspection of materials by the County will in no way lessen the responsibility of the Contractor release him from his obligation to perform and deliver to the County Sound and satisfactory materials, equipment, or supplies. The Contractor agrees to pay the costs of all tests upon defective material, equipment, or supplies or allow the costs to be deducted from any monies due him from the County.
23. Unless otherwise specified by the Purchasing Department all materials, supplies, or equipment quoted herein must be delivered within thirty (30) days from the day of notification or exceptions noted on bid sheets.
24. A contract will not be awarded to any corporation, firm, or individual who is, from any cause, in arrears to the County or who has failed in former contracts with the County to perform work satisfactorily, either to the character of the work, the fulfillment or guarantee, or the time consumed in completing the work.
25. Reasonable grounds for supposing that any bidder is interested in more than one proposal for the same item will be considered sufficient cause for rejection of all proposals in which he is interested.
26. Submitting a proposal when the bidder intends to sublet the contract may be a cause for rejection of bids or cancellation of the contract by the County Manager.
27. Unless otherwise specified the County reserves the right to award each items separately or on a lump sum basis whichever is in the best interest of the County.
28. The County reserves the right to reject any and/or all quotations, to waive any minor discrepancies in the bids for all bidders equally, quotations, or specifications, when deemed to be in the best interest of the County and also to purchase any part, all or none

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of the materials, supplies, or equipment specified.

29. Failure of the bidder to sign the bid or have the signature of an authorized representative or agent on the bid proposal in the space provided will be cause for rejection of the bid. Signature must be written in ink. Typewritten or printed signatures will not be acceptable.
30. Any bidder may withdraw his bid at any time before the time set for the opening of the bids. No bid may be withdrawn in the thirty- (30) day period after bids are opened.
31. It is mutually understood and agreed that if at any time the Purchasing Department or designee shall be of the opinion that the contract or any part thereof is unnecessarily delayed or that the rate of progress or delivery is unsatisfactory, or that the contractor is willfully violating any of the conditions or covenants of the agreement, or executing the same in bad faith, the Purchasing Department or his designee shall have the power to notify the aforesaid contractor of the nature of the complaint. Notification shall constitute delivery of notice, or letter to address given in the proposal. If after three (3) working days of notification the conditions are not corrected to the satisfaction of the Purchasing Director, he shall thereupon have the power to take whatever action he may deem necessary to complete the work or delivery herein described, or any part thereof, and the expense thereof, so charged, shall be deducted from any paid by the County out of such monies as may become due to the said contractor, under and by virtue of this agreement. In case such expense shall exceed the last said sum, then and in that event, the bondsman or the contractor, his executors, administrators, successors, or assigns, shall pay the amounts of such excess to the County on notice made by the Purchasing Department or his designee of the excess due.
32. If the bidder proposes to furnish any item of foreign make or product, he shall write "foreign" together with the name of the originating country opposite such item on a proposal.
33. Any complaint from bidders relative to the invitation to bid or attached specifications shall be made prior to the time of opening bids; otherwise, the bidder waives any such complaint.
34. Contracts may be cancelled by the County with or without cause on thirty- (30) days advance written notice.
35. All contractors submitting bids for road projects in excess of \$150,000 must be pre-qualified with the Florida Department of Transportation and shall provide proof of such qualification upon request.

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36. Any bidder affected adversely by an intended decision with respect to the award of any bid, shall file with the Purchasing Department for Columbia County, a written notice of intent to file a protest not later than seventy-two (72) hours (excluding Saturdays, Sundays and legal holidays), after the posting of the bid tabulation. Protest procedures may be obtained in the Purchasing Department.
37. A person or affiliate who has been placed on the convicted vendor's list following a conviction for a public entity crime may not submit a bid on a contract to provide any goods or services to Columbia County, may not submit a bid on a contract with Columbia County for the construction or repair of a public building or public work, may not submit bids on leases of real property to Columbia County, may not be awarded or perform work as a contractor, supplier, subcontractor, or consultant under a contract with Columbia County, and may not transact business with Columbia County for a period of 36 months from the date of being placed on the convicted vendor list.
38. Vendor/Contractor shall utilize the U.S. Department of Homeland Security's E-Verify system, in accordance with the terms governing use of the system, to confirm the employment eligibility of:
 - A. all persons employed by the Vendor/Contractor during the term of the Contract to perform employment duties within Florida; and
 - B. all persons, including subcontractors, assigned by the Vendor/Contractor to perform work is pursuant to the contract with the County.
39. Contractor shall register online at <http://www.columbiacountyfla.com/PurchasingBids.asp> for this specific project. All addendums are delivered via email through this website, and it is the contractor's responsibility to ensure all addendums are used in the bid submittal.
40. Any existing materials demolished within county right of way may be retained by Columbia County.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS AT THE JOB SITE TO INSURE THAT ALL NEW WORK WILL FIT IN THE MANNER INTENDED ON THE PLANS. SHOULD ANY CONDITIONS EXIST THAT ARE CONTRARY TO THOSE SHOWN ON THE PLANS, THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH DIFFERENCES IMMEDIATELY AND PRIOR TO PROCEEDING WITH THE WORK.
- THE CONTRACTOR SHALL COMPLY WITH ALL CONDITIONS AS SET FORTH BY THE ISSUED SUWANNEE RIVER WATER MANAGEMENT DISTRICT ENVIRONMENTAL RESOURCE PERMIT.
- THE CONTRACTOR SHALL MAINTAIN THE CONSTRUCTION SITE IN A SECURE MANNER. ALL OPEN TRENCHES AND EXCAVATED AREAS SHALL BE PROTECTED FROM ACCESS BY THE GENERAL PUBLIC.
- SURVEY INFORMATION SHOWN, WAS OBTAINED FROM A SURVEY PREPARED BY DONALD F. LEE & ASSOCIATES, FLORIDA CERTIFICATE NO. 7042.
- ANY PUBLIC LAND CORNER WITHIN THE LIMITS OF CONSTRUCTION SHALL BE PROTECTED. IF A CORNER MONUMENT IS IN DANGER OF BEING DESTROYED AND HAS NOT BEEN PROPERLY REFERENCED, THE CONTRACTOR SHOULD NOTIFY THE ENGINEER.
- THE SITE IS LOCATED IN SECTIONS 7, 8, 12, 13, 17, 18, TOWNSHIP 4 SOUTH, RANGE 15, 16 EAST, COLUMBIA COUNTY, FLORIDA.
- THE CONTRACTOR SHALL IMPLEMENT ALL COMPONENTS OF HIS EROSION AND SEDIMENTATION CONTROL PLAN PRIOR TO ANY EARTH DISTURBING ACTIVITIES. ALL COMPONENTS SHALL BE MAINTAINED BY THE CONTRACTOR UNTIL ALL VEGETATION IS ESTABLISHED, THE ENTIRE PROJECT AREA IS STABILIZED AND THE OWNER HAS ACCEPTED OPERATION AND MAINTENANCE.
- THE STORMWATER SYSTEM IS DESIGNED IN ACCORDANCE WITH CHAPTER 40B-400 F.A.C.
- ALL SLOPES STEEPER THAN 3:1 SHALL BE STAPLED SOD.
- ALL DISTURBED AREAS NOT SODDED SHALL BE SEEDED WITH A MIXTURE OF LONG-TERM VEGETATION AND QUICK GROWING SHORT-TERM VEGETATION FOR THE FOLLOWING CONDITIONS. FOR THE MONTHS FROM SEPTEMBER THROUGH MARCH, THE MIX SHALL CONSIST OF 70 POUNDS PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF WINTER RYE. FOR THE MONTHS OF APRIL THROUGH AUGUST, THE MIX SHALL CONSIST OF 70 PER ACRE OF LONG-TERM SEED AND 20 POUNDS PER ACRE OF MILLET.
- EXISTING DRAINAGE STRUCTURES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED.
- THE LOCATION OF THE UTILITIES SHOWN IN THE PLANS ARE APPROXIMATE ONLY. THE EXACT LOCATION SHALL BE DETERMINED BY THE CONTRACTOR DURING CONSTRUCTION. CONTRACTOR SHALL PROTECT ALL UTILITIES WITHIN THE PROJECT AREAS.
- CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER CONTRACTORS WITHIN PROJECT AREA.
- THIS PROJECT IS TO BE CONSTRUCTED IN ACCORDANCE WITH THE F.D.O.T. STANDARD SPECIFICATIONS FOR ROAD AND BRIDGE CONSTRUCTION (CURRENT EDITION) AND THE F.D.O.T. DESIGN STANDARDS (CURRENT EDITION) UNLESS OTHERWISE NOTED.
- IF UNSUITABLE MATERIAL IS ENCOUNTERED DURING GRADING, CONTRACTOR SHALL REMOVE IN ACCORDANCE WITH F.D.O.T. DESIGN STANDARDS INDEX 500.
- THE CONTRACTOR SHALL NOTIFY THE COUNTY AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION.

- THE CONTRACTOR SHALL SUBMIT A NOTICE OF CONSTRUCTION COMMENCEMENT TO THE WATER MANAGEMENT DISTRICT AT LEAST 48 HOURS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- NO FINAL TESTING WILL BE ACCEPTED UNLESS WITNESSED BY THE COUNTY'S REPRESENTATIVE.
- NO WORK SHALL BE PERFORMED ON SATURDAY OR SUNDAY OR COUNTY RECOGNIZED HOLIDAYS WITHOUT WRITTEN APPROVAL FORM TO THE COUNTY AND COUNTY ENGINEER.
- CONTRACTOR SHALL PROVIDE AN AS-BUILT SURVEY MEETING THE REQUIREMENTS OF CHAPTER 61G17 F.A.C. FOR THE STORMWATER MANAGEMENT SYSTEMS. INCLUDE HORIZONTAL AND VERTICAL DIMENSIONAL DATA SO THAT IMPROVEMENTS ARE LOCATED AND DELINEATED RELATIVE TO THE BOUNDARY. PROVIDE SUFFICIENT DETAILED DATA TO DETERMINE WHETHER THE IMPROVEMENTS WERE CONSTRUCTED IN ACCORDANCE WITH THE PLANS. SUBMIT THE SURVEY TO THE ENGINEER AND DIGITAL AUTOCAD FORMAT TO THE ENGINEER.
- THE CONTRACTOR SHALL SUBMIT A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM NOTICE OF INTENT ALONG WITH SUPPORTING DOCUMENTATION TO THE FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION AT LEAST 48 HOURS PRIOR TO BEGINNING OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL PERMIT FEES.
- CONTRACTOR SHALL STRIPE ROADWAY IN ACCORDANCE WITH THE PLANS, FLORIDA DEPARTMENT OF TRANSPORTATION (FDOT) SPECIFICATIONS 2014, CURRENT FDOT DESIGN STANDARDS AND CURRENT MUTCD.
- ALL ROADWAY CONNECTIONS SHALL BE PRIVATE DRIVES UNLESS OTHERWISE DENOTED IN PLANS.
- CONTRACTOR SHALL MAINTAIN MAILBOXES DURING CONSTRUCTION. ALL MAILBOXES SHALL BE RELOCATED.
- ALL PIPE LENGTHS LISTED IN THE PLANS INCLUDE THE MITERED END LENGTH.
- CONTACT PHONE NUMBERS
 BELLSOUTH 1-800-432-4770
 CLAY ELECTRIC 1-888-434-9844
 COLUMBIA COUNTY 386-758-1019
 COMCAST CABLE 1-904-374-8000

SYMBOLS LEGEND

	BENCHMARK		MANHOLE SANITARY EXISTING		SOIL BEARING LOCATION
	BOX CABLE		MANHOLE SANITARY PROPOSED		TAP SANITARY SEWER EXISTING
	BOX ELECTRICAL		MANHOLE STORM EXISTING		TAP SANITARY SEWER PROPOSED
	BOX TRAFFIC LIGHT		MANHOLE STORM PROPOSED		VALVE, AIR VENT AUTO EXISTING
	CATCH BASIN ROUND		MANHOLE WATER EXISTING		VALVE, AIR VENT AUTO PROPOSED
	CATCH BASIN SQUARE		MANHOLE WATER PROPOSED		VALVE, AIR VENT HAND EXISTING
	CLEANOUT EXISTING		DELTA POINT EXISTING		VALVE, AIR VENT HAND PROPOSED
	CLEANOUT PROPOSED		DELTA POINT PROPOSED		VALVE, BACKFLOW PREVENTER EXISTING
	CULVERT MITERED END SECTION		STANDARD POINT		VALVE, BACKFLOW PREVENTER PROPOSED
	DITCH BLOCK		METER, GAS EXISTING		VALVE, GAS SHUT OFF EXISTING
	DOT MARKER FOUND		METER, GAS PROPOSED		VALVE, GAS SHUT OFF PROPOSED
	ELECTRICAL DISTRIBUTION SWITCH		METER, SANITARY EXISTING		VALVE, GATE GAS EXISTING
	FLOW ARROW		METER, SANITARY PROPOSED		VALVE, GATE GAS PROPOSED
	GRINDER STATION EXISTING		METER, WATER EXISTING		VALVE, GATE WATER EXISTING
	GRINDER STATION PROPOSED		METER, WATER PROPOSED		VALVE, GATE WATER PROPOSED
	HANDICAP SYMBOL		METER WATER STATION		VALVE, WATER IRRIGATION CONTROL
	HANDHOLE STORM		MONUMENT FOUND CONCRETE		VALVE, SANITARY VAULT EXISTING
	HANDHOLE WATER		MONUMENT (PRM) MARKER CONCRETE		VALVE, SANITARY VAULT PROPOSED
	HYDRANT, FIRE EXISTING		MONUMENT SET CONCRETE		VALVE, WATER VAULT EXISTING
	HYDRANT, FIRE PROPOSED		PEDESTAL, TELEPHONE EXISTING		VALVE, WATER VAULT PROPOSED
	HYDRANT, FLUSHING EXISTING		PEDESTAL, TELEPHONE PROPOSED		WATER STATION
	HYDRANT FLUSHING PROPOSED		POLE, GUY WIRE EXISTING		WATER TANK
	IRON ROD SET		POLE, GUY WIRE PROPOSED		WELL
	IRON ROD FOUND		POLE, LIGHT EXISTING		WELL, MONITORING
	LINE, BASE		POLE, LIGHT PROPOSED		SEPTIC TANK
	LINE, CENTER		POLE, POWER EXISTING		ASPHALT
	LINE, PROPERTY		POLE, POWER PROPOSED		CONCRETE
	LIFT STATION EXISTING		POLE, POWER W/TRANSFORMER		GRAVEL
	LIFT STATION PROPOSED		POLE, UTILITY		VIEW # / PAGE #
	MANHOLE, ELECTRICAL EXISTING		POST, FIBER OPTIC WARNING		SECTION DETAIL MARK
	MANHOLE, ELECTRICAL PROPOSED		SIGN, DOUBLE POST EXISTING		
	MANHOLE, GAS EXISTING		SIGN, DOUBLE POST PROPOSED		
	MANHOLE, GAS PROPOSED		SIGN, SINGLE POST EXISTING		
			SIGN, SINGLE POST PROPOSED		

LINETYPE LEGEND

EXISTING	PROPOSED	
		FORCE MAIN WATER
		WATER
		SANITARY
		GAS
		BURIED ELECTRIC
		BURIED TELEPHONE
		CABLE TV
		FIBER OPTIC
		OVERHEAD UTILITIES
		OVERHEAD ELECTRIC

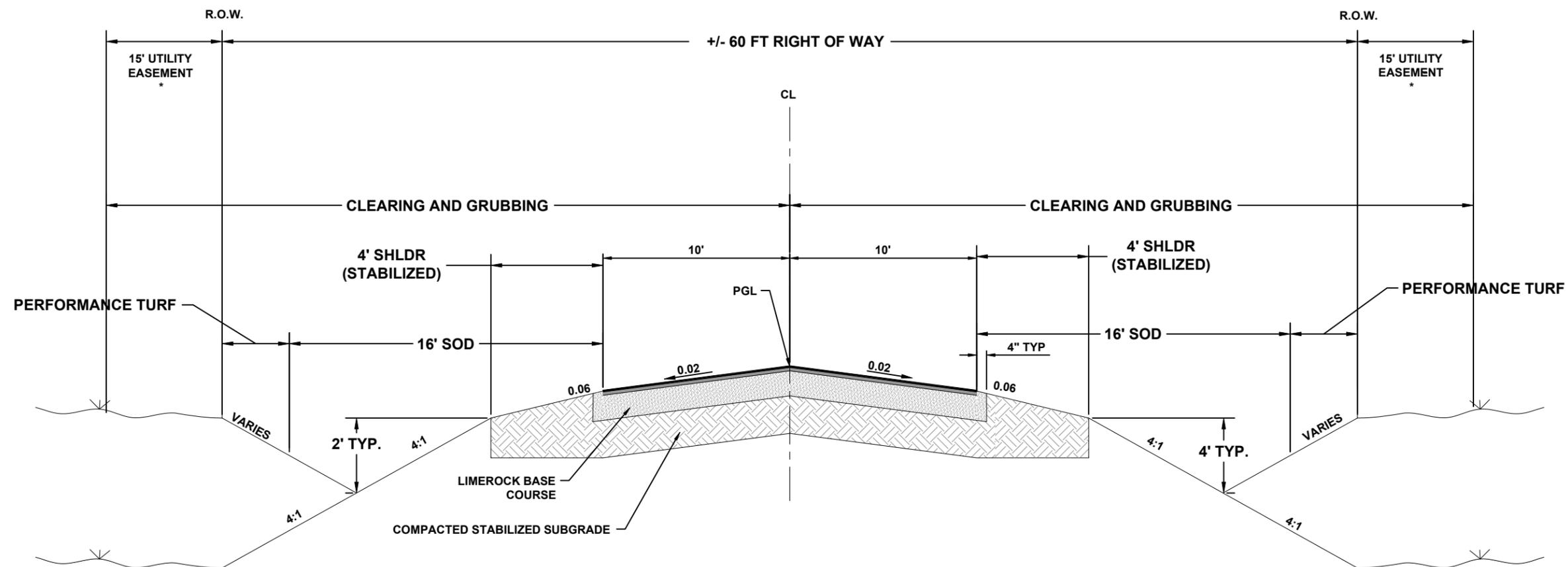
MISCELLANEOUS LINETYPES

	EXISTING CORRUGATED METAL PIPE
	EXISTING ROUND CONCRETE PIPE
	EXISTING ELLIPTICAL CONCRETE PIPE
	EXISTING CORRUGATED PLASTIC PIPE
	FIELD FENCE
	CHAIN LINK FENCE
	WOOD POST FENCE
	PROPERTY BOUNDARY
	RIGHT OF WAY LINE
	EXISTING CONTOUR
	PROPOSED CONTOUR
	SILT FENCE

ABBREVIATION LEGEND

ARC LENGTH	L	POINT OF BEGINNING	PB
BENCHMARK	BM	POINT OF COMMENCEMENT	PC
CALCULATED	(C)	POINT OF CURVATURE	POC
CHORD BEARING	CH	POINT OF COMPOUND CURVATURE	PCC
CONCRETE MONUMENT	CM	POINT OF INTERSECTION	PI
CLEANOUT	CO	POINT OF REVERSE CURVATURE	PR
DEED	(D)	POINT OF TANGENT	PT
DITCH, TOP OF	TOD	PIPE, CORRUGATED METAL	CMP
DITCH, BOTTOM OF	BOD	PIPE, METAL ARC BITUMINOUS COATED	CMCA
EAST	E	PIPE, REINFORCED CONCRETE	RCP
EDGE OF PAVEMENT	EOP	PIPE, REINFORCED CONCRETE ELLIPTICAL	RCE
ELECTRICAL	E	PIPE, POLYETHYLENE	PE
END VERTICAL CURVE ELEVATION	EVCE	PIPE, POLYETHYLENE HIGH DENSITY	HDPE
END VERTICAL CURVE STATION	EVCS	PLAT	(P)
FOUND	FND	PROFILE GRADE LINE	PGL
FINISH FLOOR ELEVATION	FFE	RADIUS	R
GAS	G	RANGE	RNG
GROUND SPOT ELEVATION	X	REBAR	RB
IRON PIPE	IP	REBAR AND CAP	RBC
IRON ROD	IR	RECLAIMED WATER	RW
IRON ROD AND CAP	IRC	RIGHT OF WAY	R/W
LINEAR FEET	LF	SANITARY SEWER	SAN
LINE, BASE	B	SECTION	SEC
LINE, CENTER	C	SEWER TAP	ST
LINE, PROPERTY	P	SOUTH	S
MEASURED	(M)	STORM SEWER	SS
NAIL	NL	STORM WATER MANAGEMENT FACILITY	SWMF
NAIL AND DISK	NL+D	TANGENT	T
MANHOLE	MH	TOWNSHIP	TW
NO IDENTIFICATION	NO	UNDERGROUND CABLE	UC
NORTH	N	UNDERGROUND ELECTRIC	UG
OFFICIAL RECORD BOOK	ORB	UNDERGROUND TELEPHONE	UT
OFFSET	O/S	VALVE, COMBINATION AIR/VACUUM	CAV
OVERHEAD CABLE	OC	WATER LINE	W
OVERHEAD ELECTRIC	OE	WATER METER	WM
OVERHEAD TELEPHONE	OT		
PAGE(S)	PG		
PERMANENT CONTROL POINT	PCP		

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GENERAL NOTES & LEGEND
 SW BRIM STREET
 COLUMBIA COUNTY, FL.
 North Florida Professional Services, Inc.
 P.O. BOX 3823
 Tallahassee, FL 32318
 Ph. 877-335-1525
 Fax. 386-752-4674
 Eng. Lic. 29011
 REVISIONS:



* WHERE DENOTED ON PLAN SHEETS

NOTES:

1. SEE PLAN & PROFILE SHEETS FOR SPECIAL DITCH PROFILES.
2. PAVEMENT MARKINGS SHALL BE PLACED IN TWO APPLICATIONS.
3. SOME CROSS DRAIN PIP WILL BE WITHIN THE STABILIZATION WORK ZONE. EXERCISE CAUTION TO AVOID IMPACTING THE PIPE DURING THE STABILIZATION OPERATION.

TYPICAL SECTION

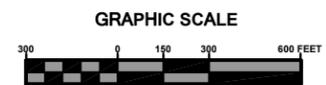
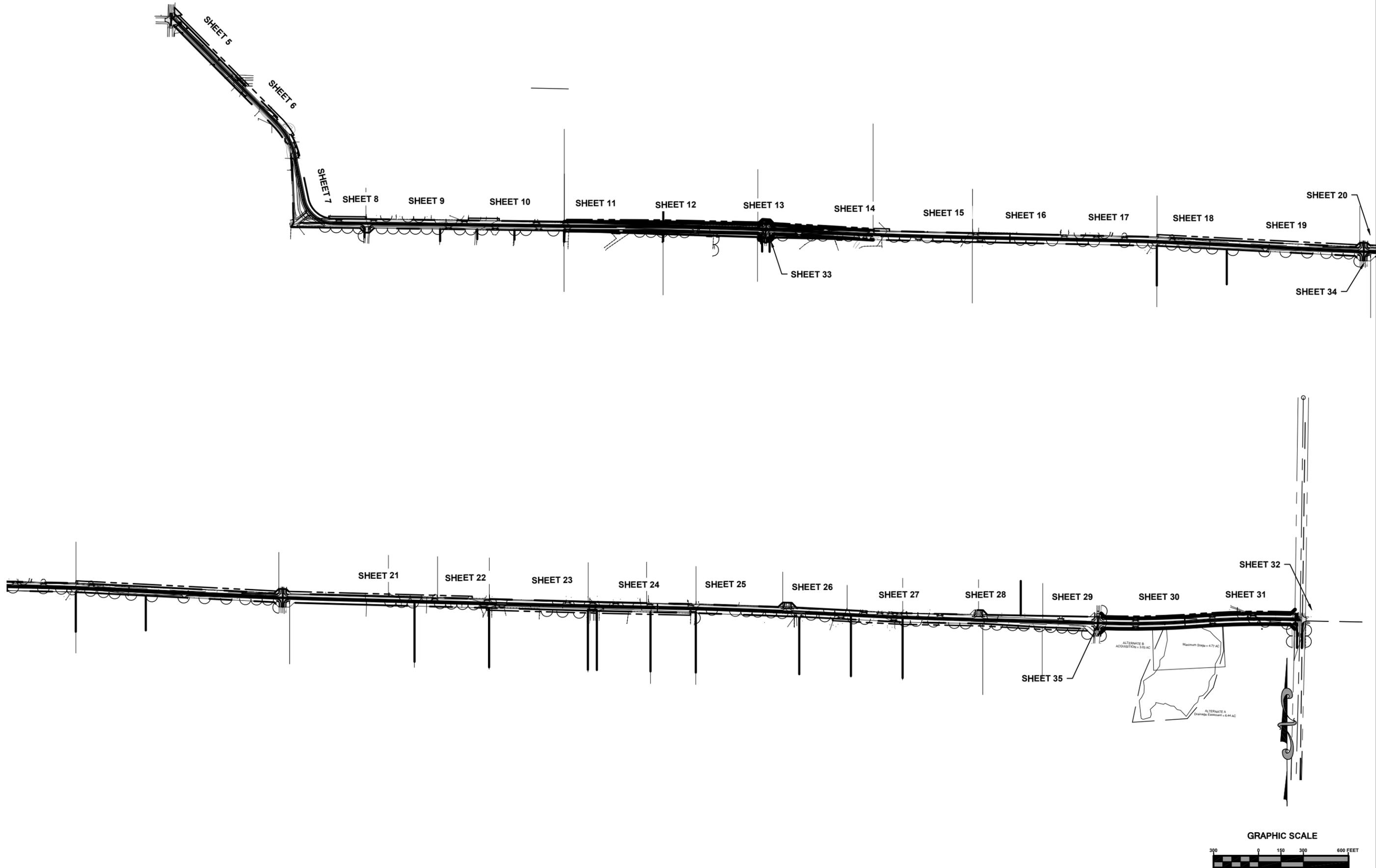
137.5 LBS/SY SURFACE COURSE SP 9.5
 165 LBS/SY STRUCTURAL COURSE SP 12.5
 6" LIMEROCK BASE 9.5 COURSE
 12" COMPACTED STABILIZED SUBGRADE (MINIMUM L.B.R. 40)

STA. 14+48.15 TO 35+56.17
 DESIGN SPEED = 30 MPH
 STA. 35+56.17 TO 169+44.58
 DESIGN SPEED 50 MPH



TYPICAL SECTION
 SW BRIM STREET
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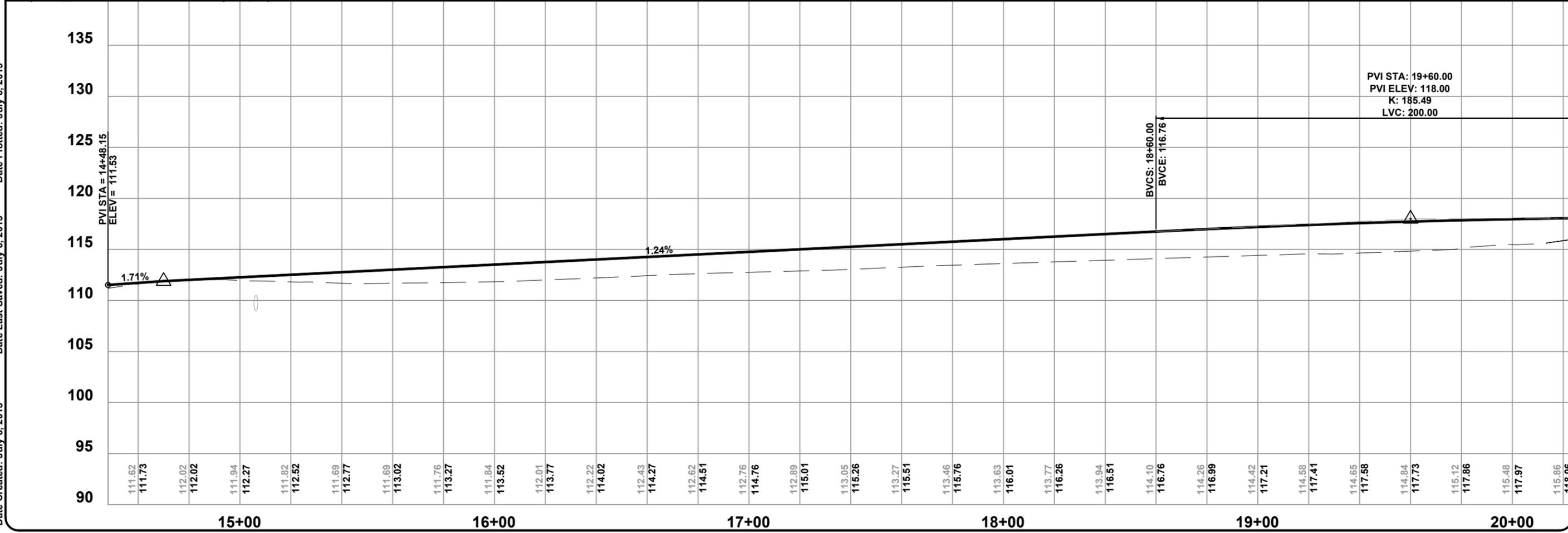
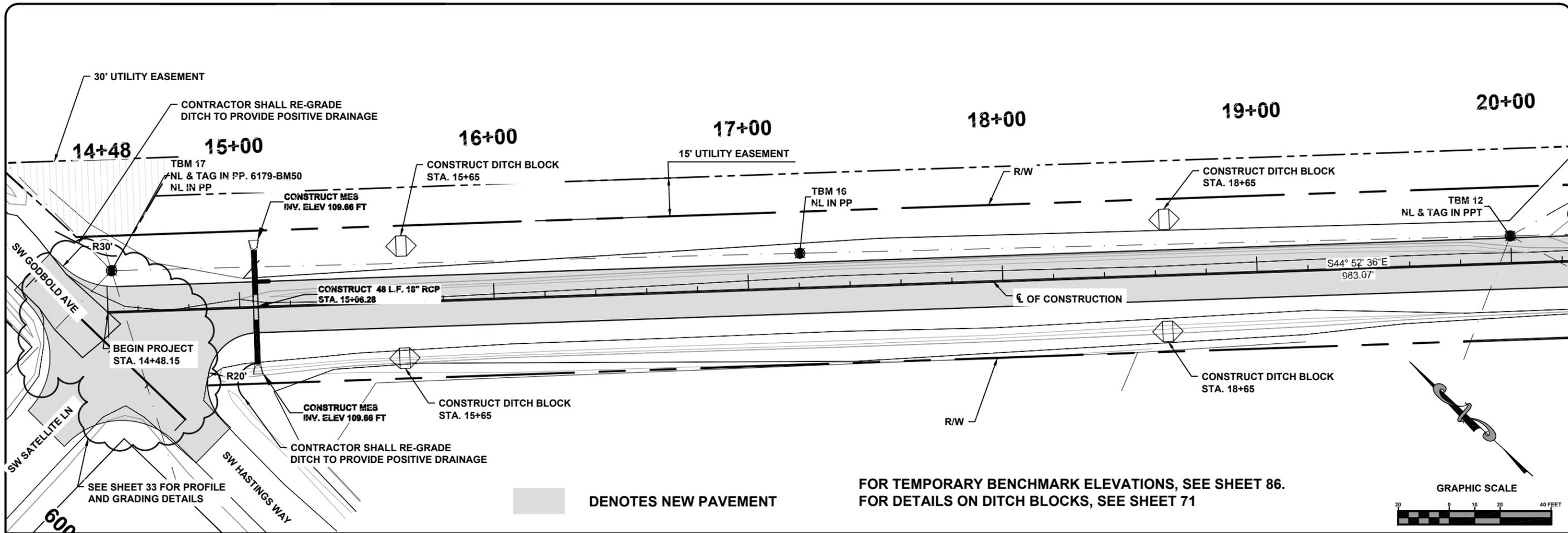
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SHEET LAYOUT
 SW BRIM STREET
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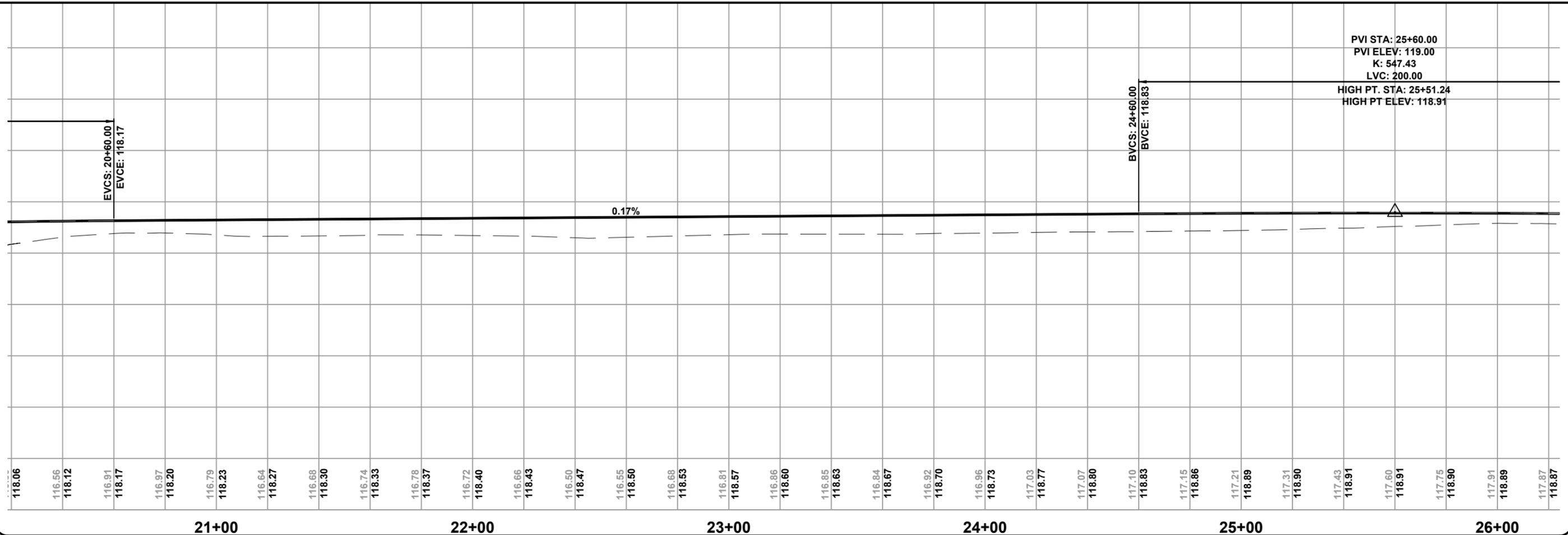
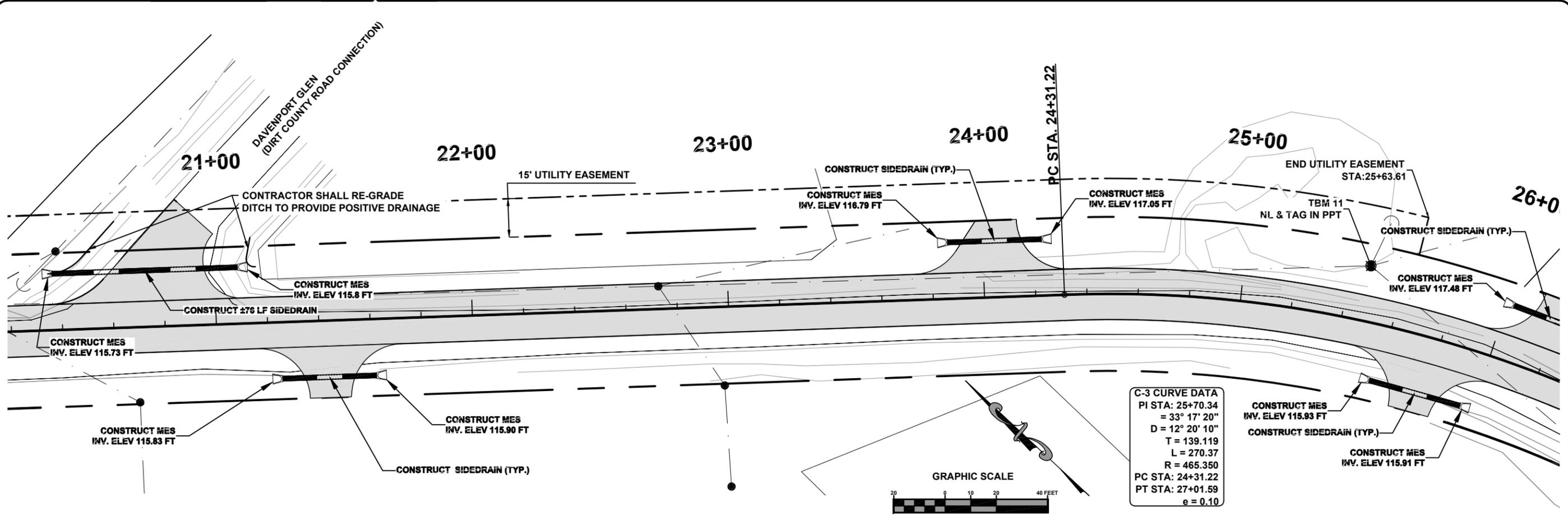


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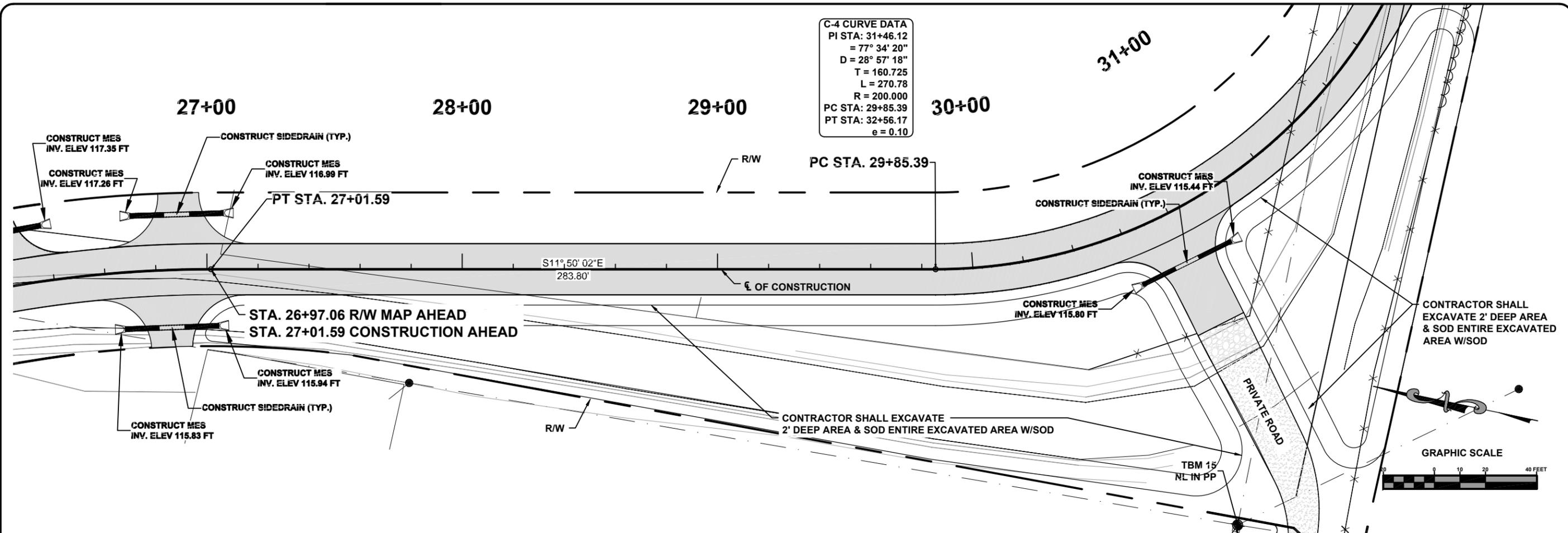
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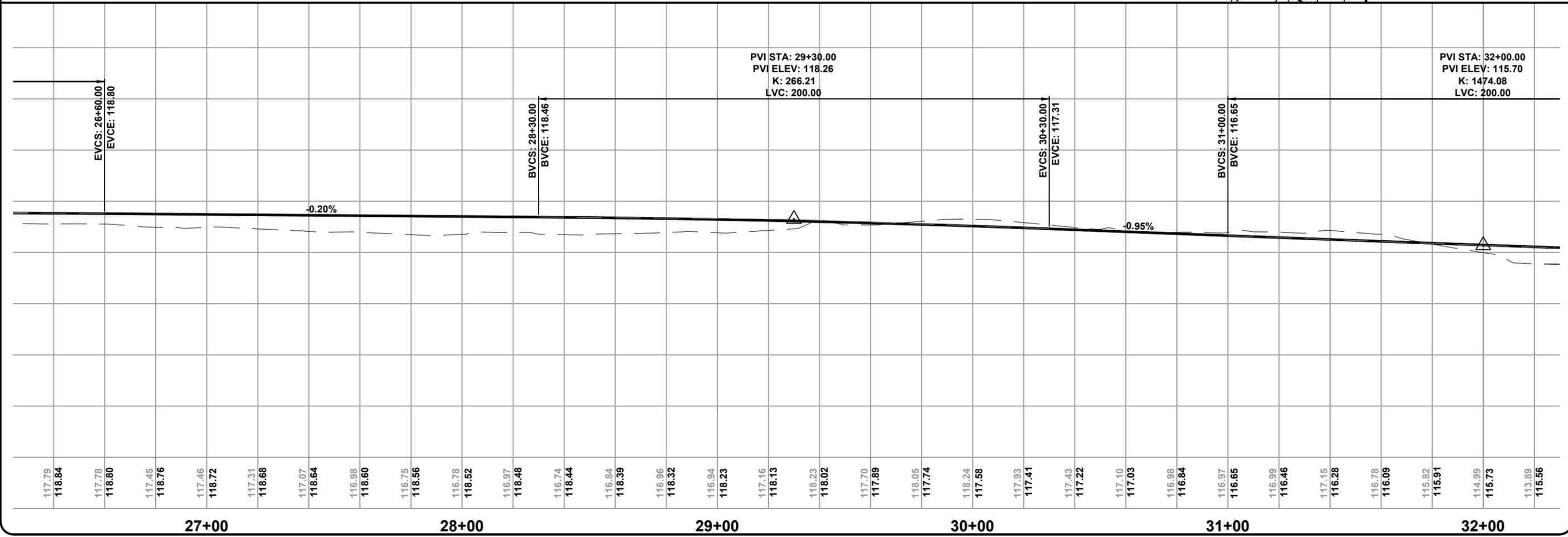
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C-4 CURVE DATA
 PI STA: 31+46.12
 = 77° 34' 20"
 D = 28° 57' 18"
 T = 160.725
 L = 270.78
 R = 200.000
 PC STA: 29+85.39
 PT STA: 32+56.17
 e = 0.10

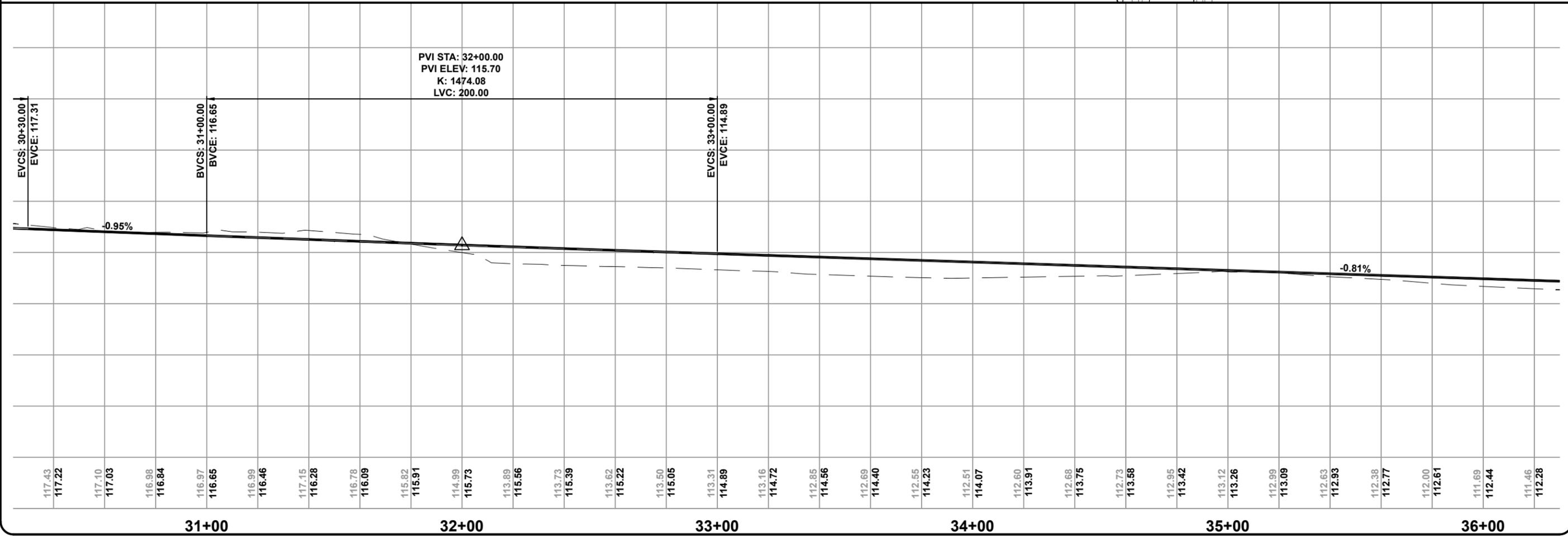
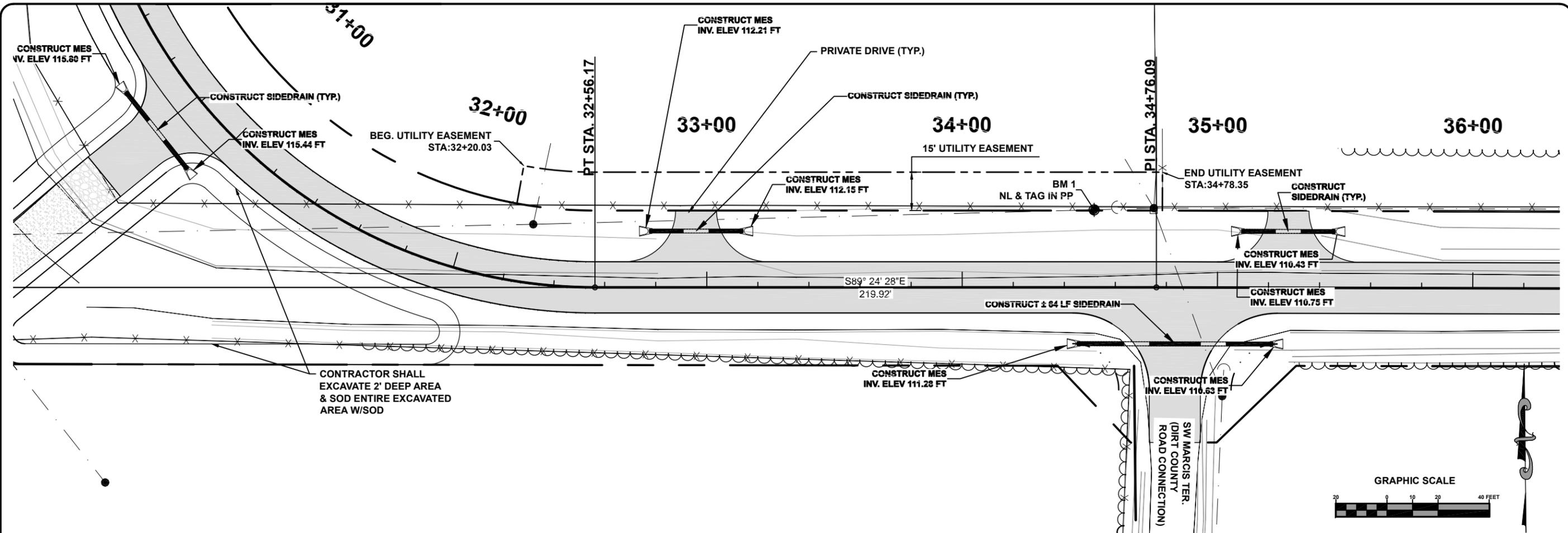


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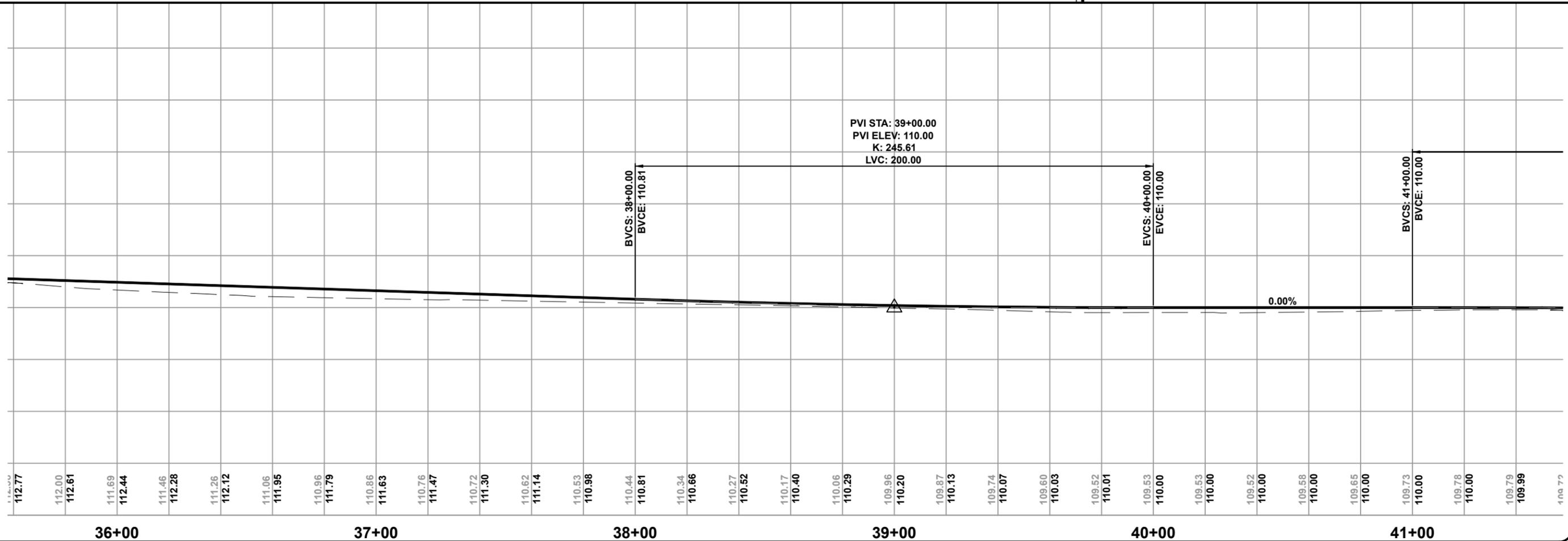
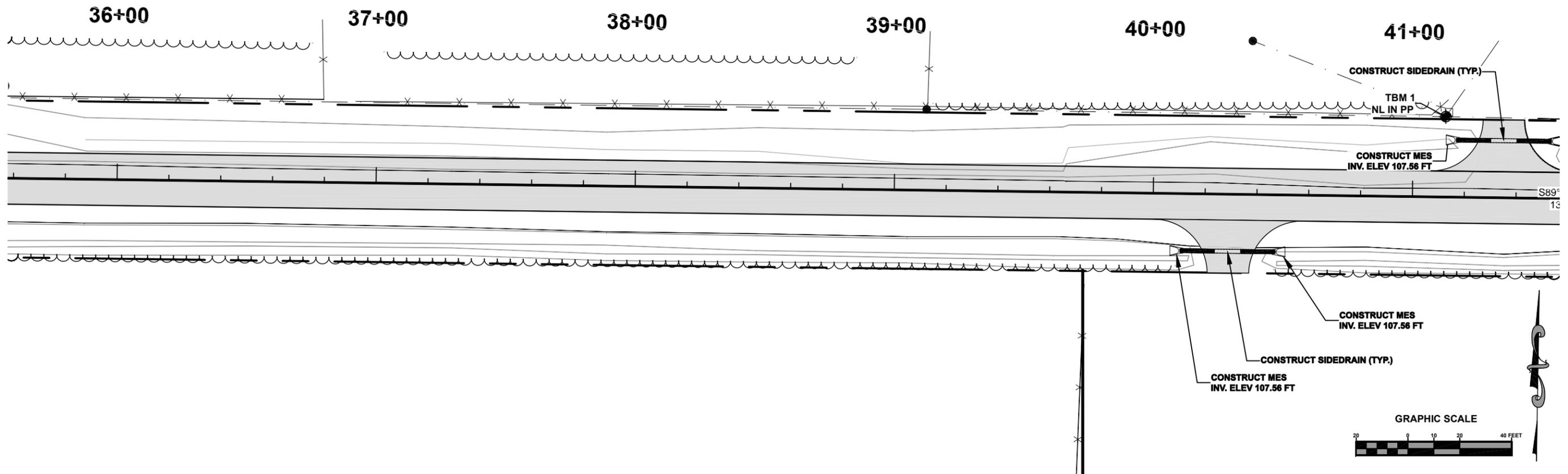


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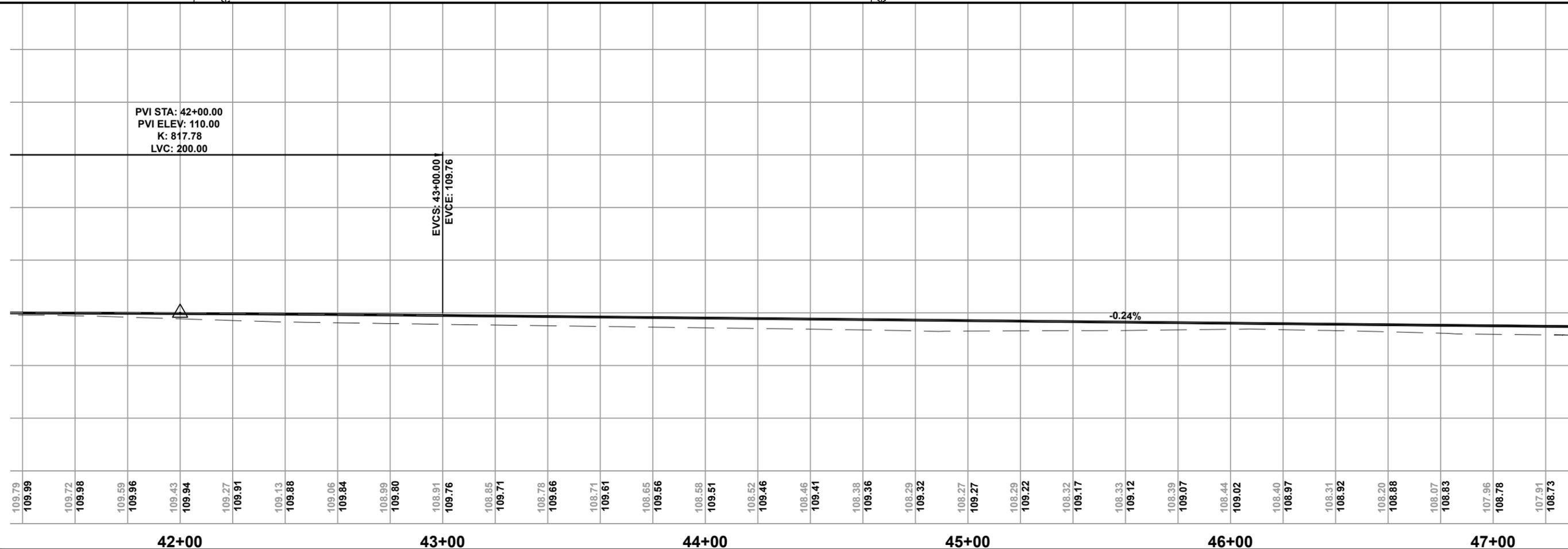
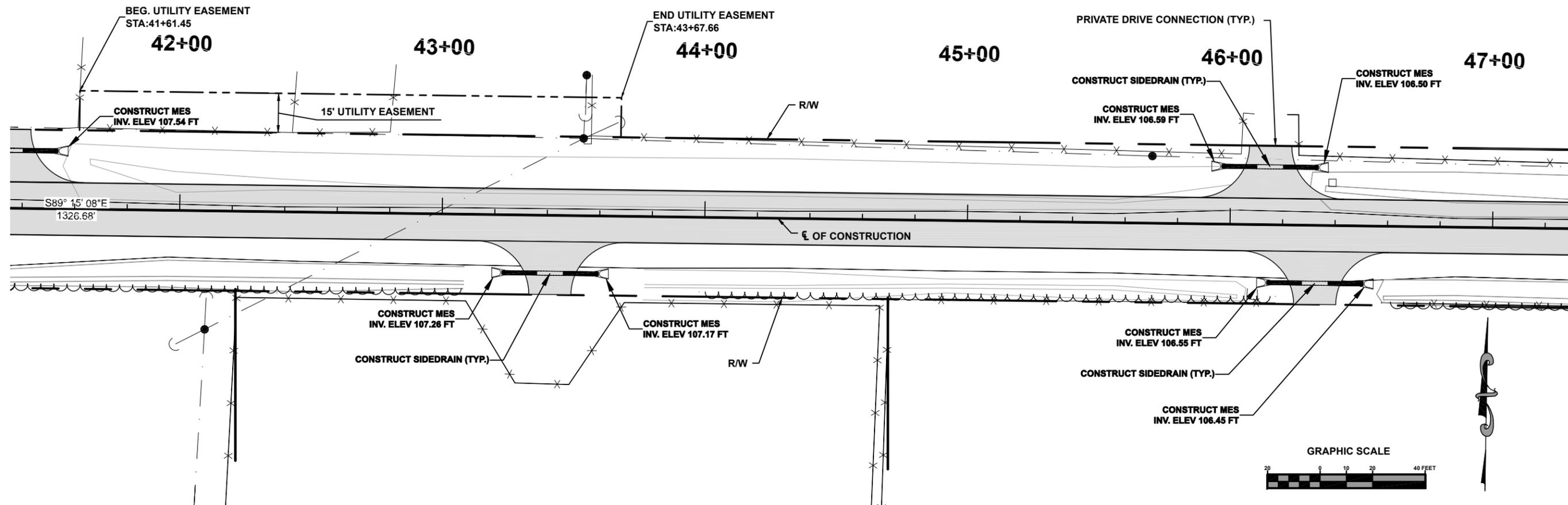


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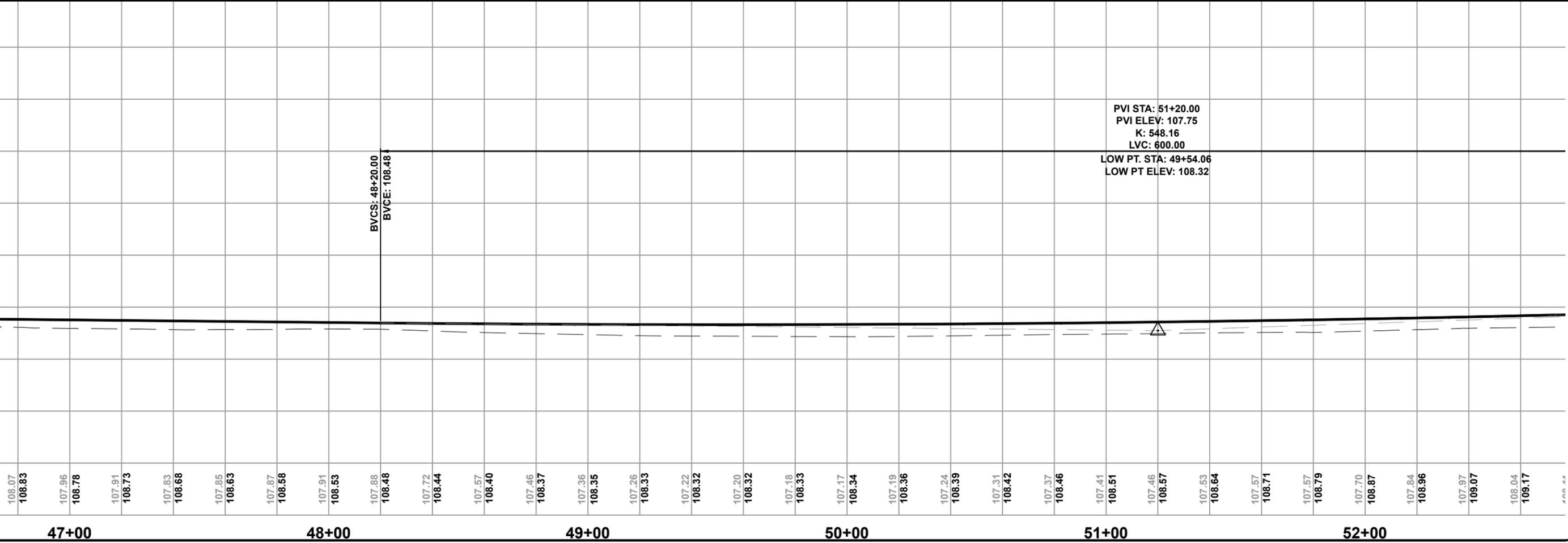
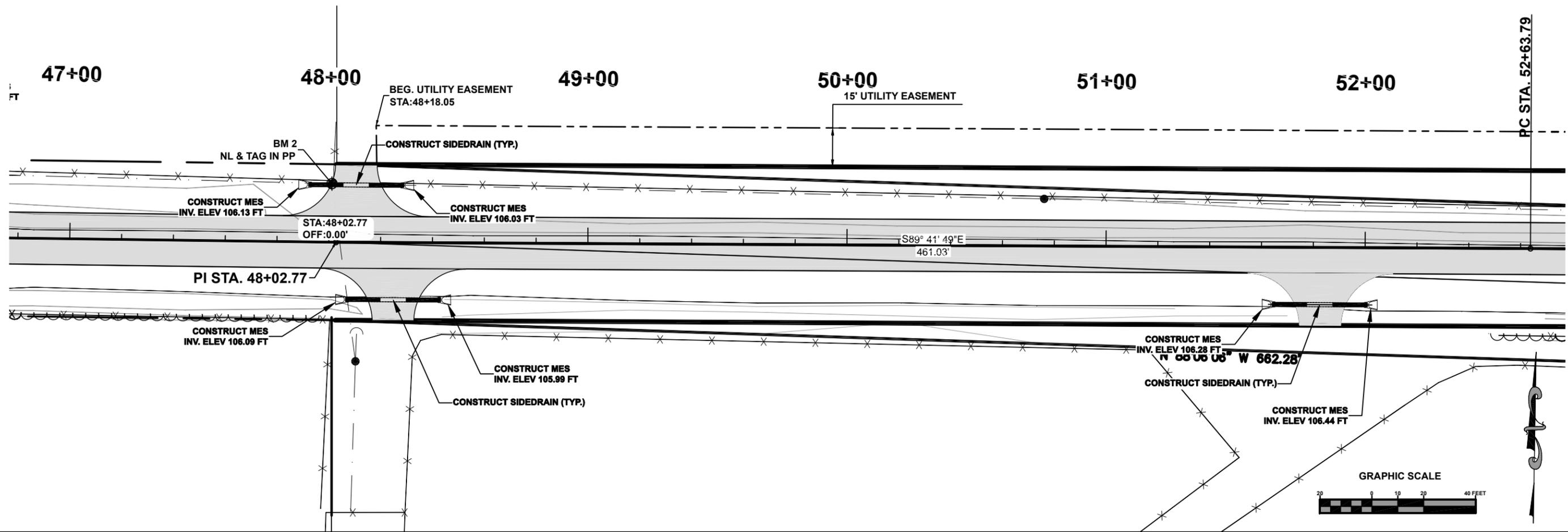
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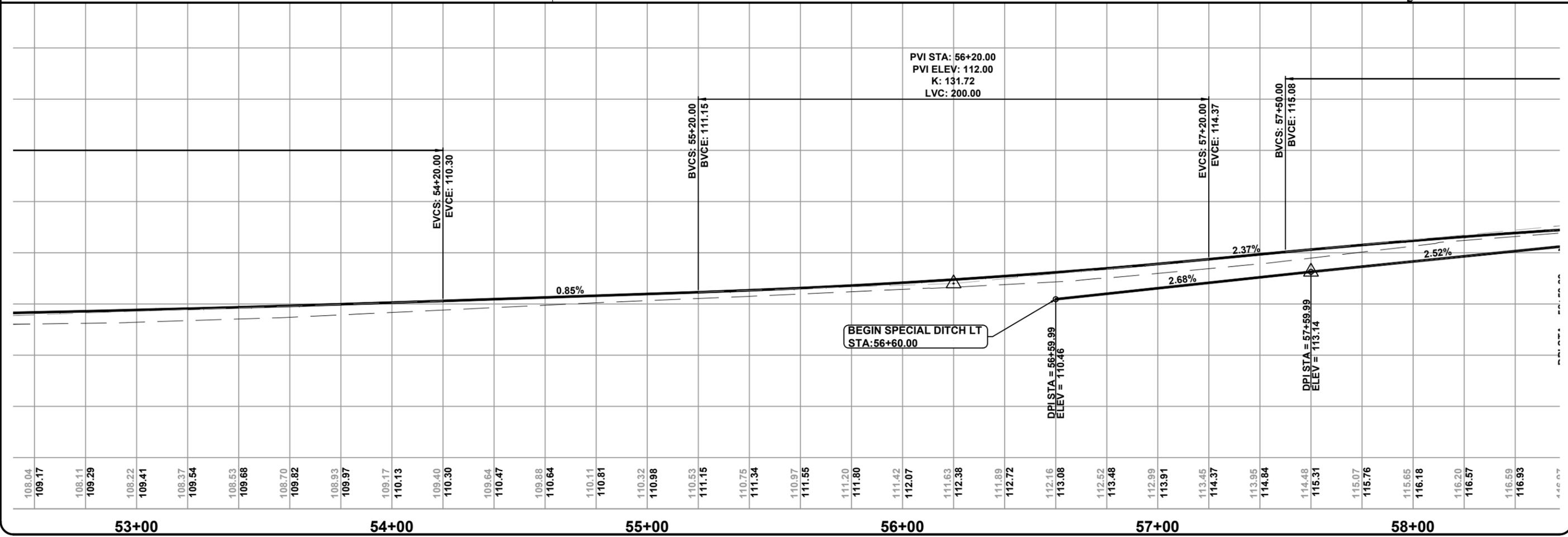
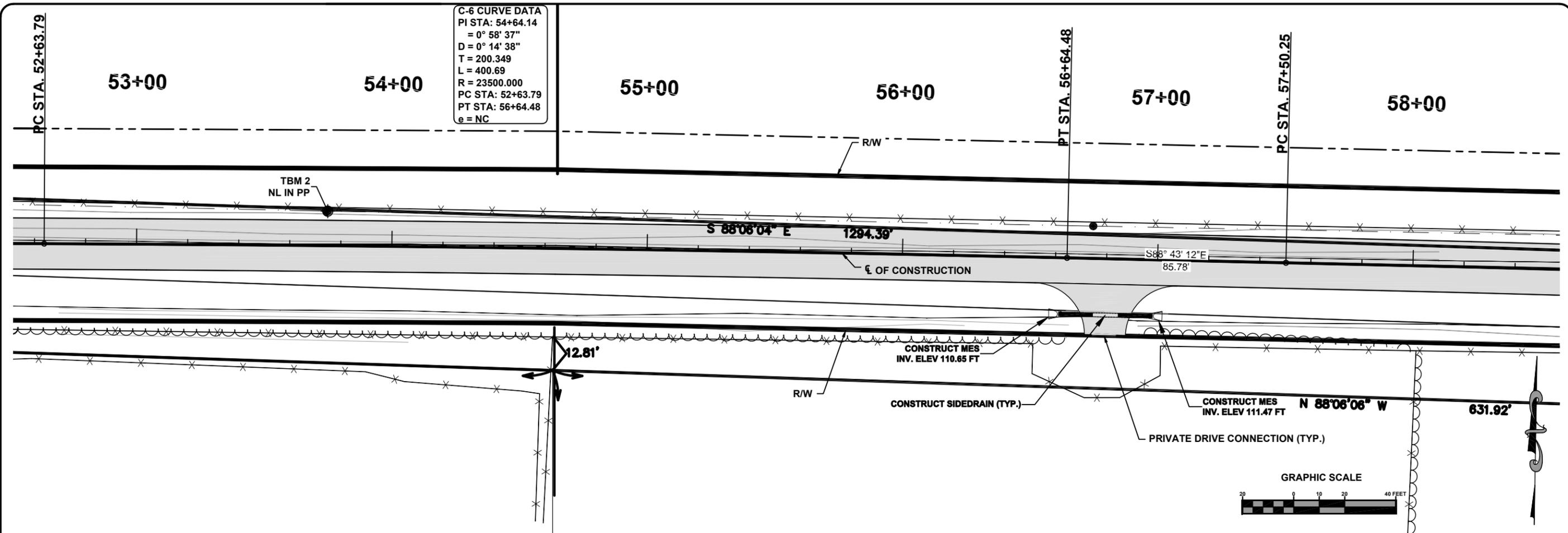
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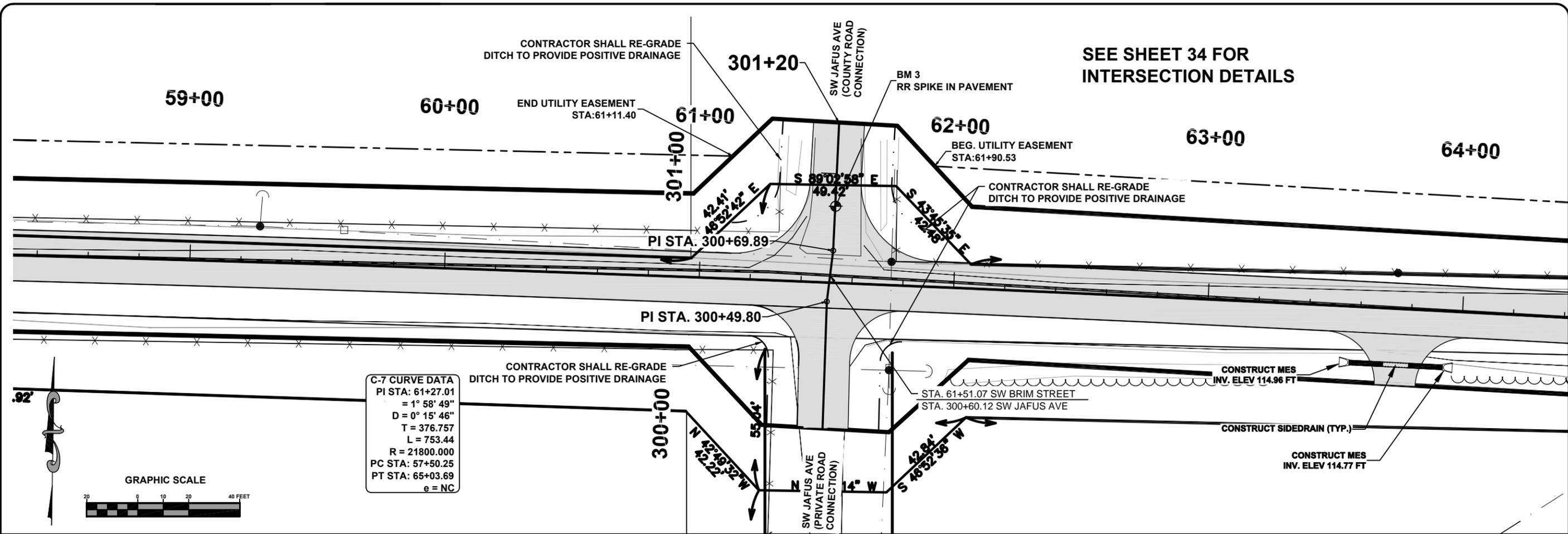


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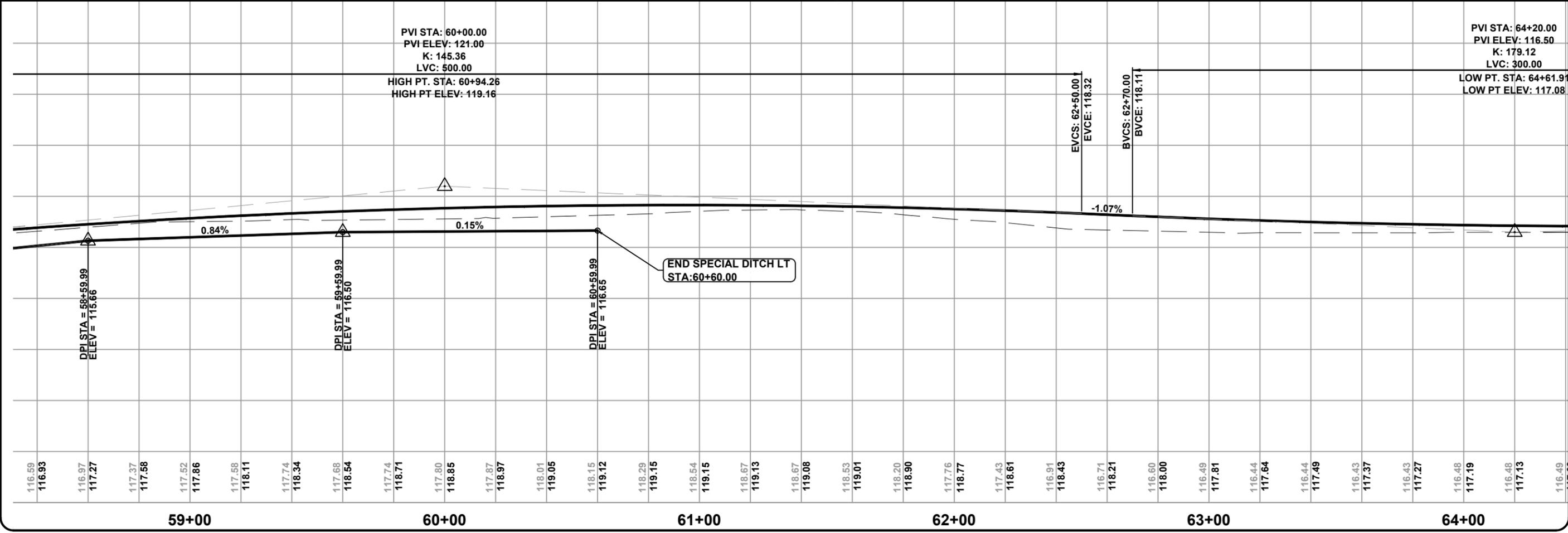
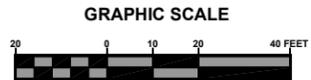
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C-7 CURVE DATA
 PI STA: 61+27.01
 = 1° 58' 49"
 D = 0° 15' 46"
 T = 376.757
 L = 753.44
 R = 21800.000
 PC STA: 57+50.25
 PT STA: 65+03.69
 e = NC



EVCS: 62+50.00
 EVCE: 118.32
 BVCS: 62+70.00
 BVCE: 118.11

END SPECIAL DITCH LT
 STA: 60+60.00

-1.07%

PVI STA: 60+00.00
 PVI ELEV: 121.00
 K: 145.36
 LVC: 500.00
 HIGH PT. STA: 60+94.26
 HIGH PT ELEV: 119.16

PVI STA: 64+20.00
 PVI ELEV: 116.50
 K: 179.12
 LVC: 300.00
 LOW PT. STA: 64+61.94
 LOW PT ELEV: 117.08

-1.07%

EVCS: 62+50.00
 EVCE: 118.32

BVCS: 62+70.00
 BVCE: 118.11

-1.07%

-1.07%

-1.07%

-1.07%

-1.07%

-1.07%

-1.07%

-1.07%

-1.07%

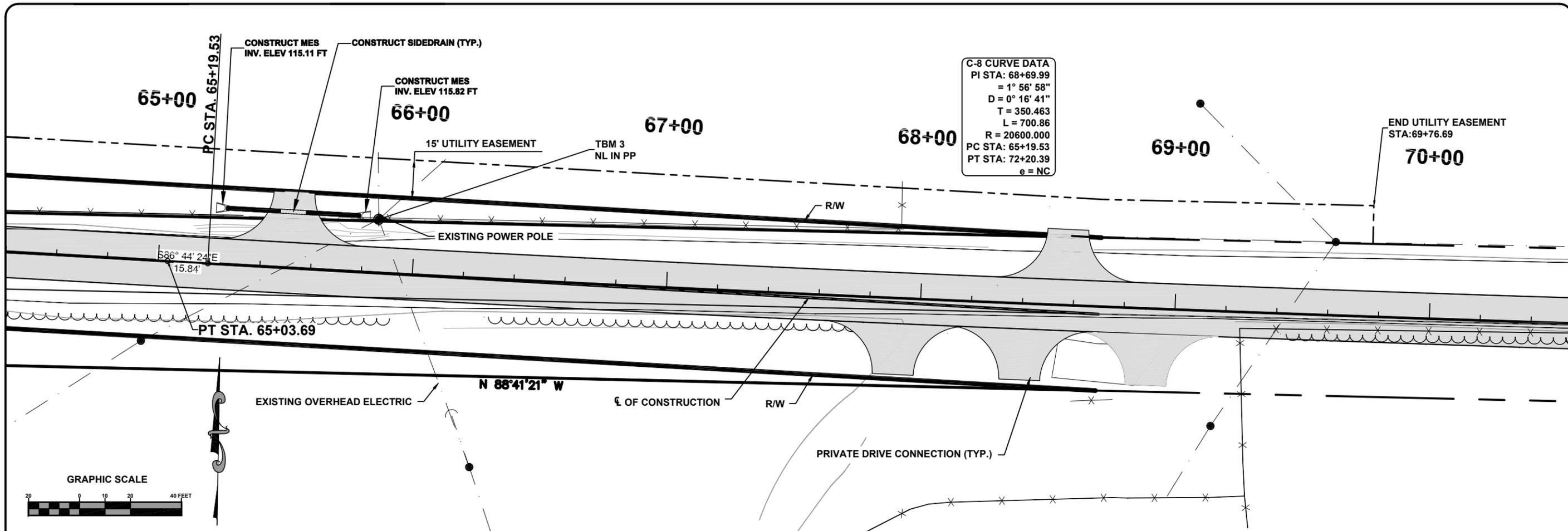


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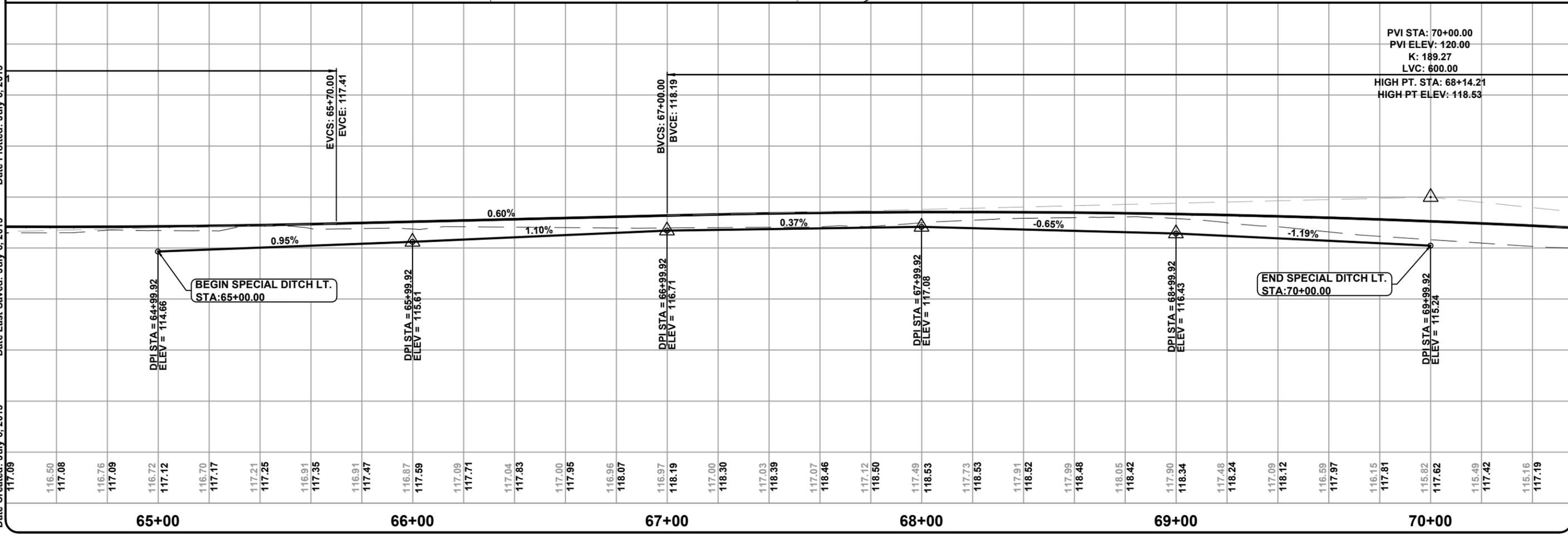
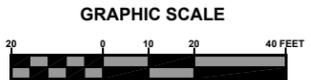
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	CM	CM	PB
	CM	CM	PB

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C-8 CURVE DATA
 PI STA: 68+69.99
 = 1° 56' 58"
 D = 0° 16' 41"
 T = 350.463
 L = 700.86
 R = 20600.000
 PC STA: 65+19.53
 PT STA: 72+20.39
 e = NC



PVI STA: 70+00.00
 PVI ELEV: 120.00
 K: 189.27
 LVC: 600.00
 HIGH PT. STA: 68+14.21
 HIGH PT ELEV: 118.53



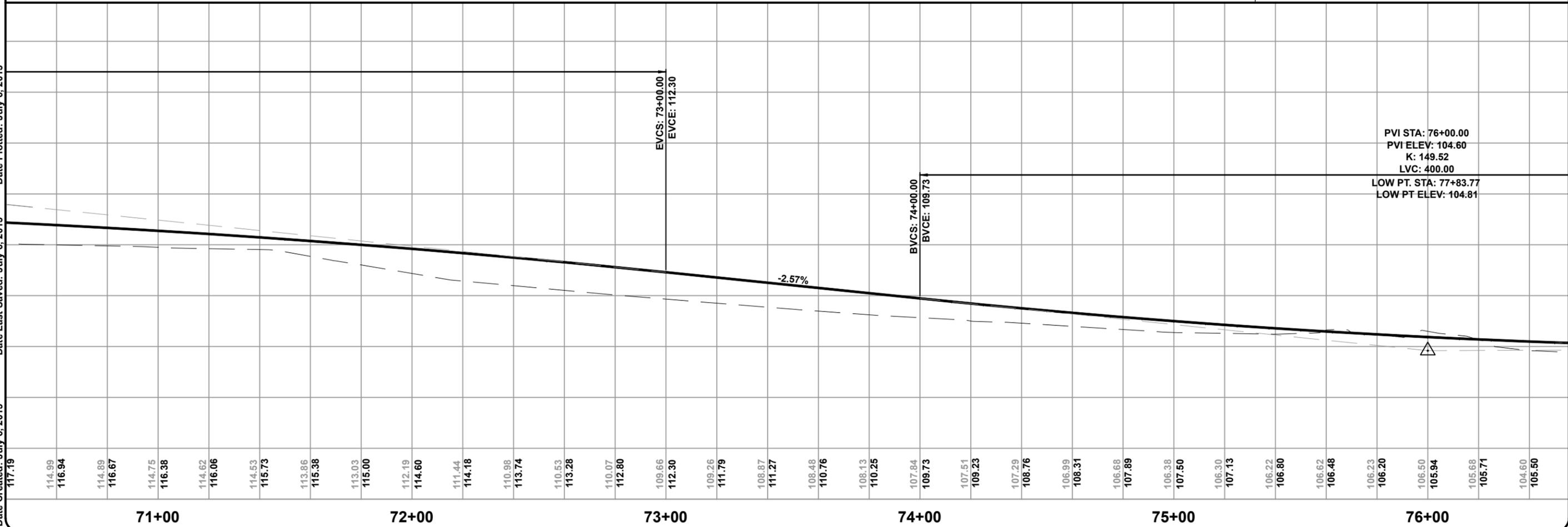
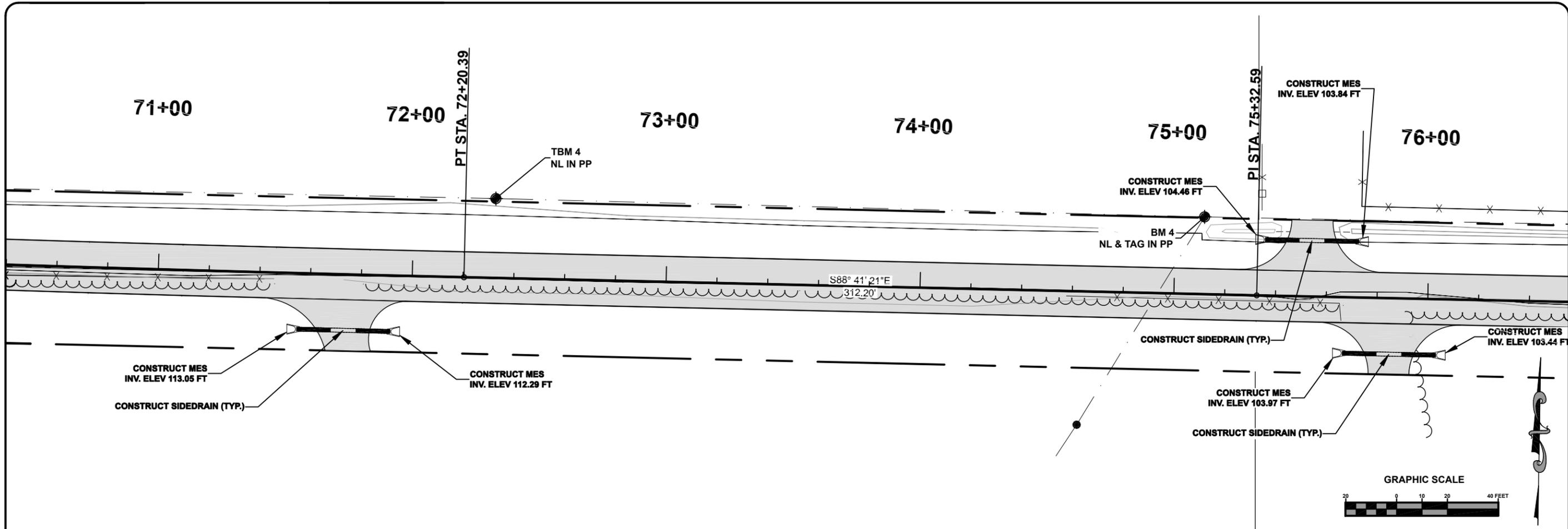
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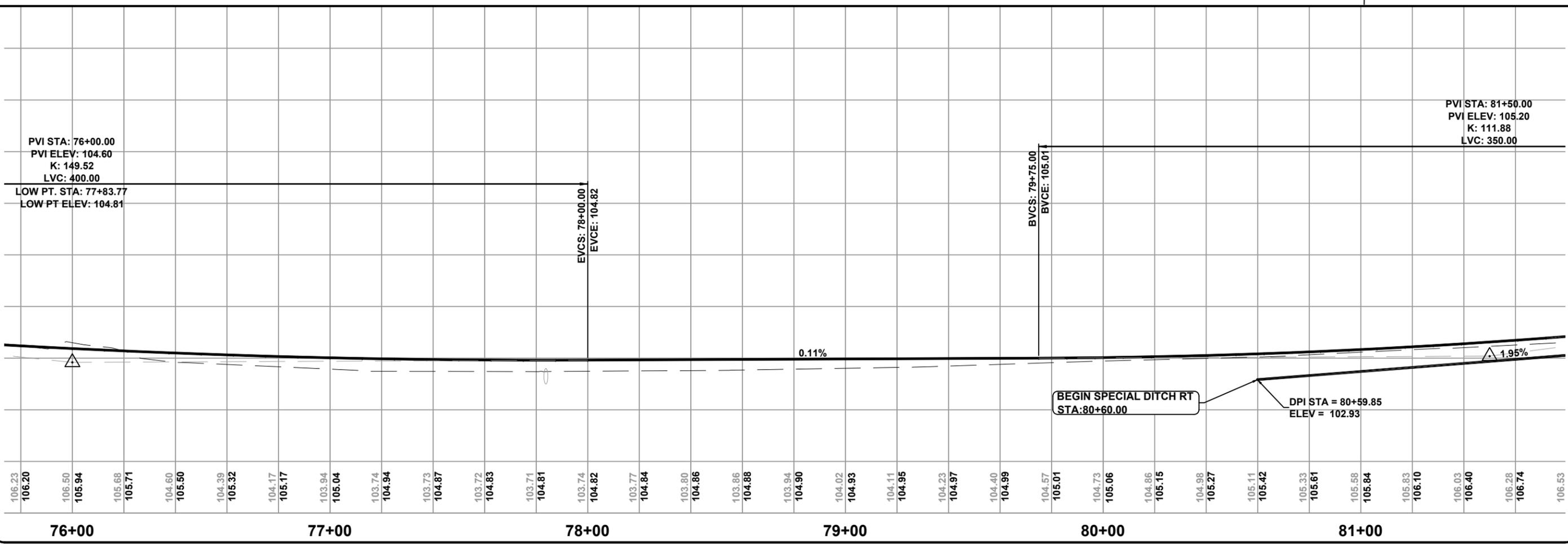
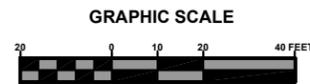
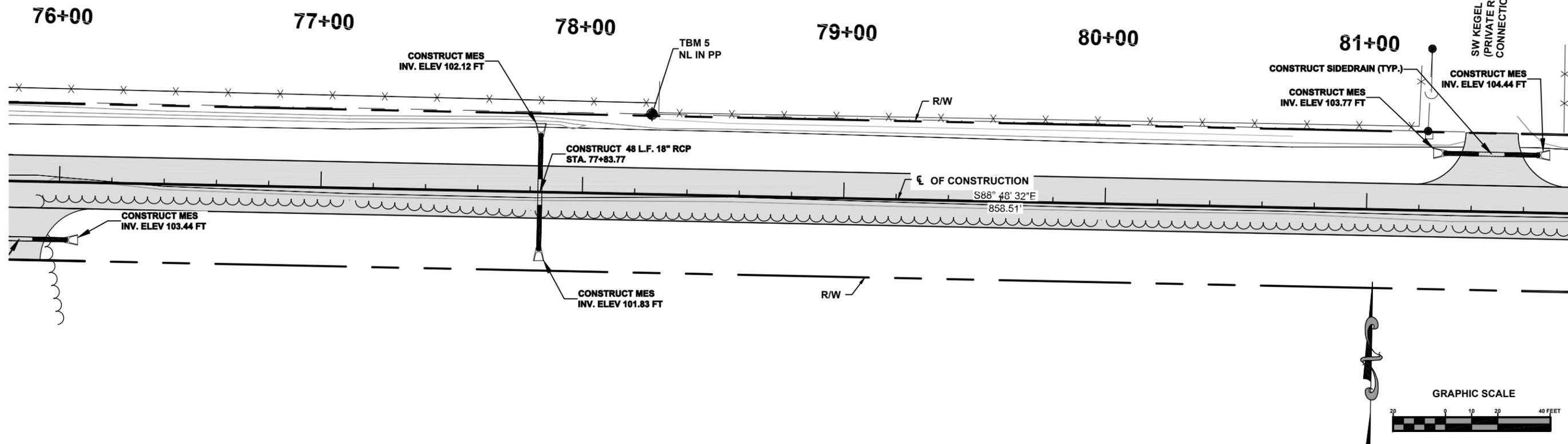


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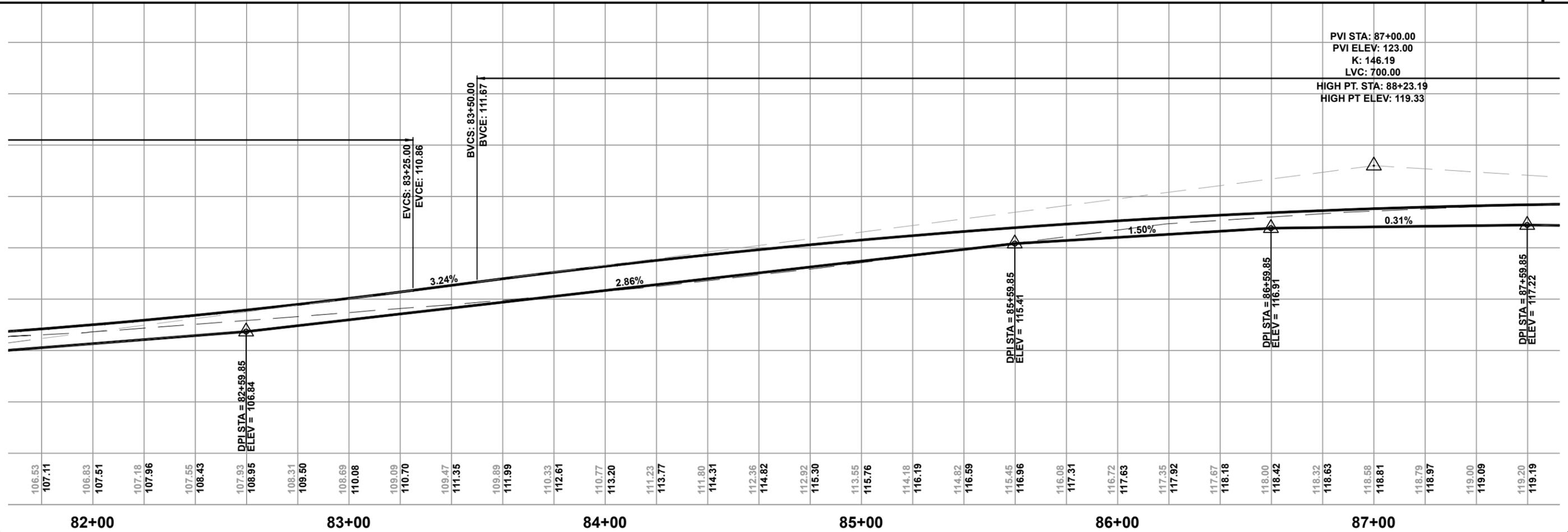
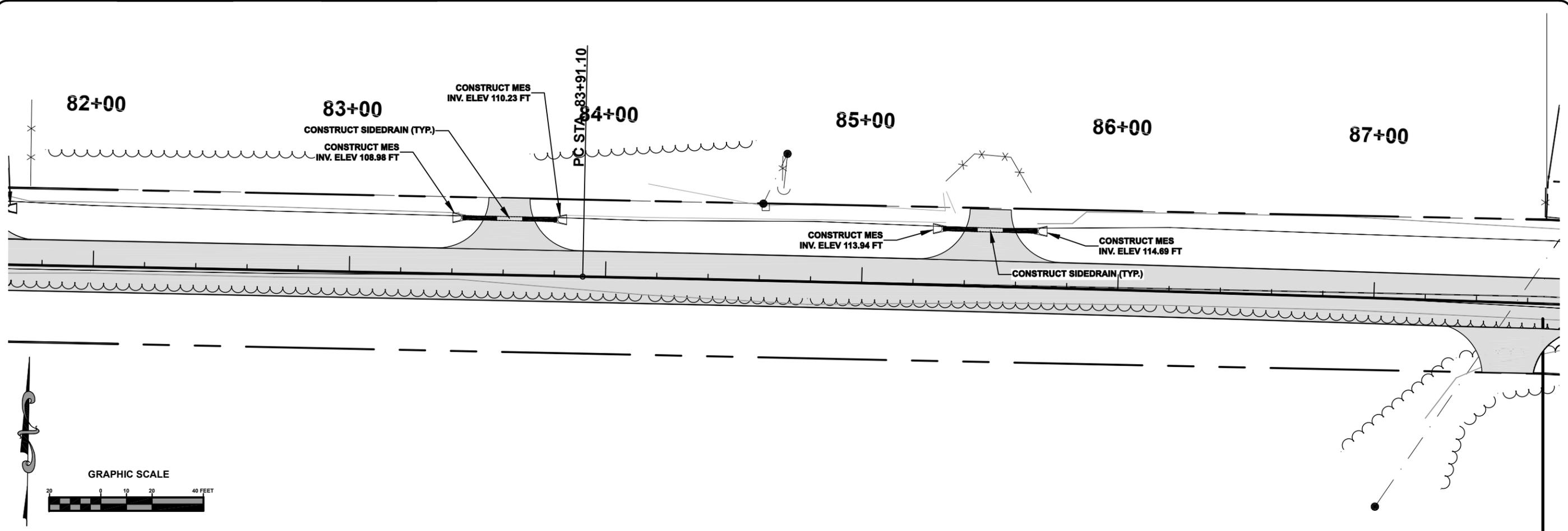


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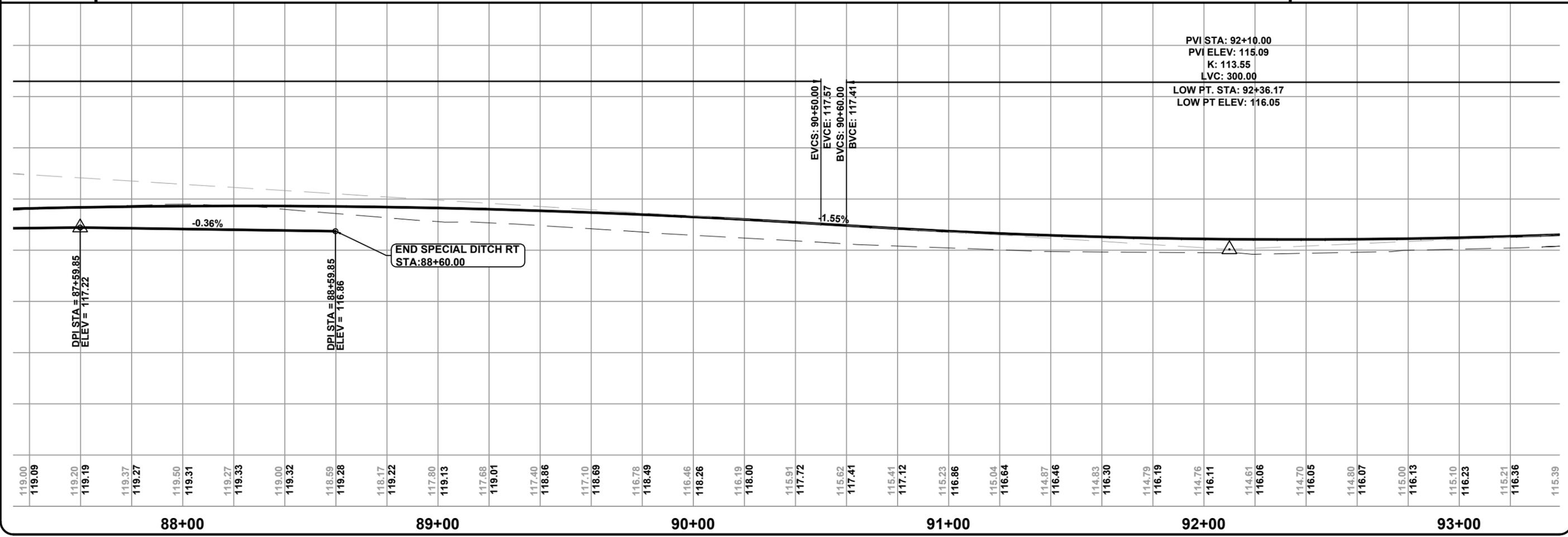
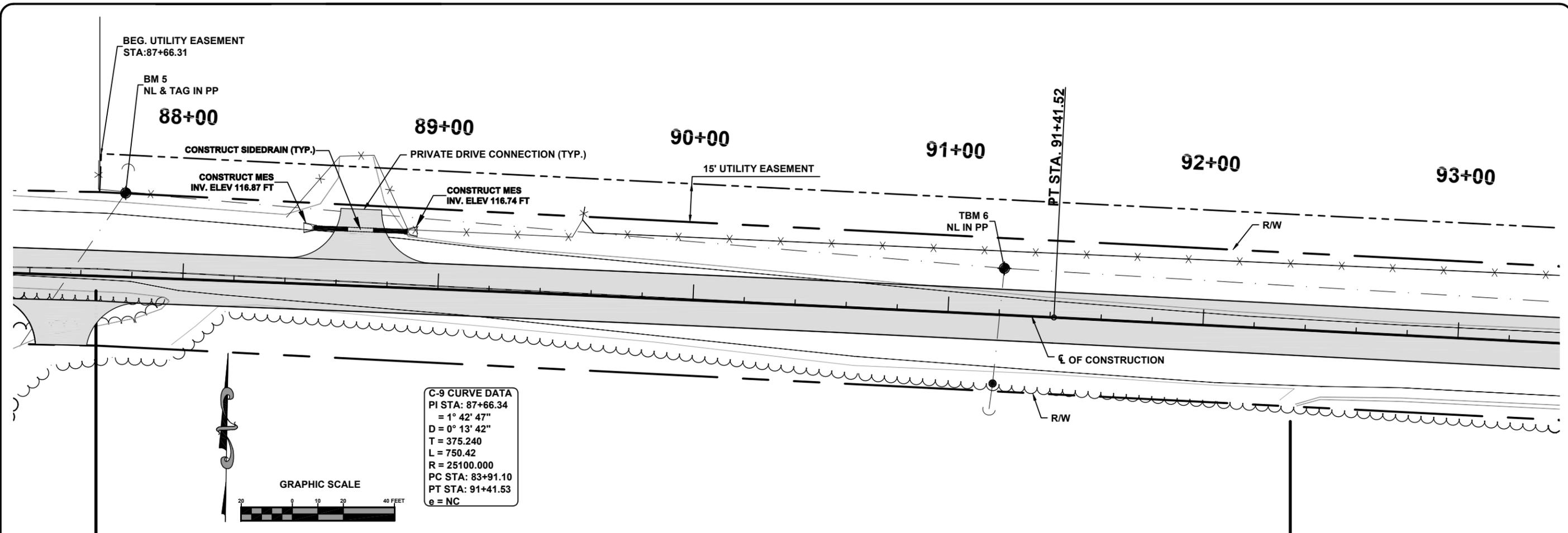
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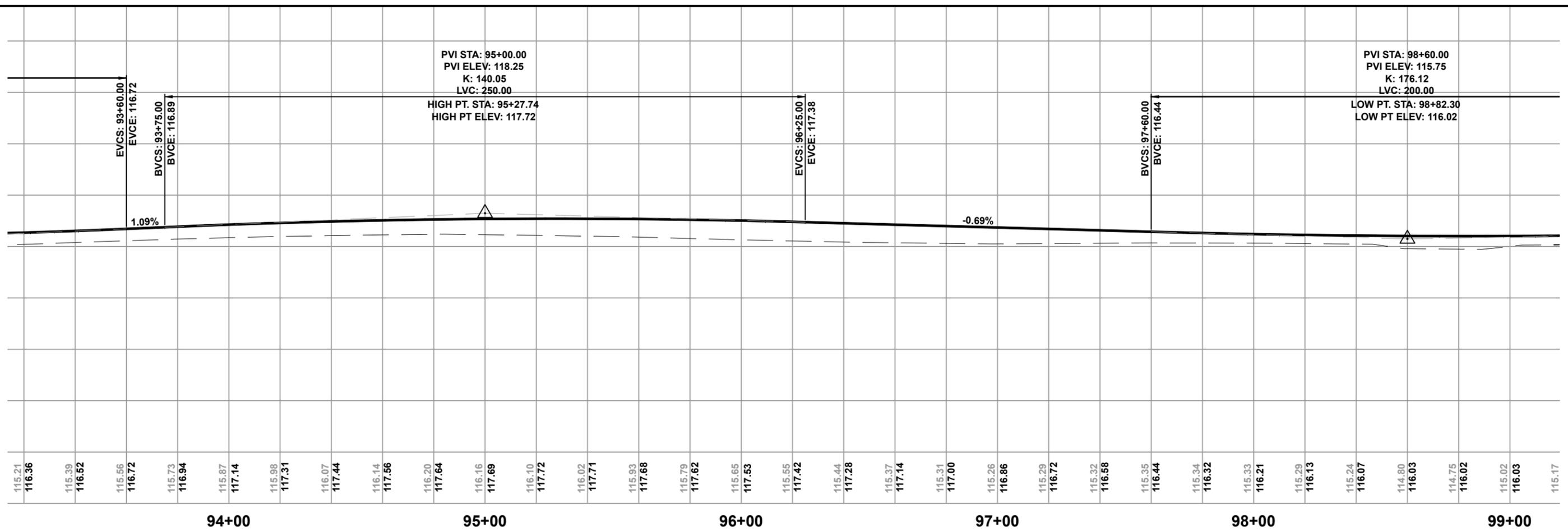
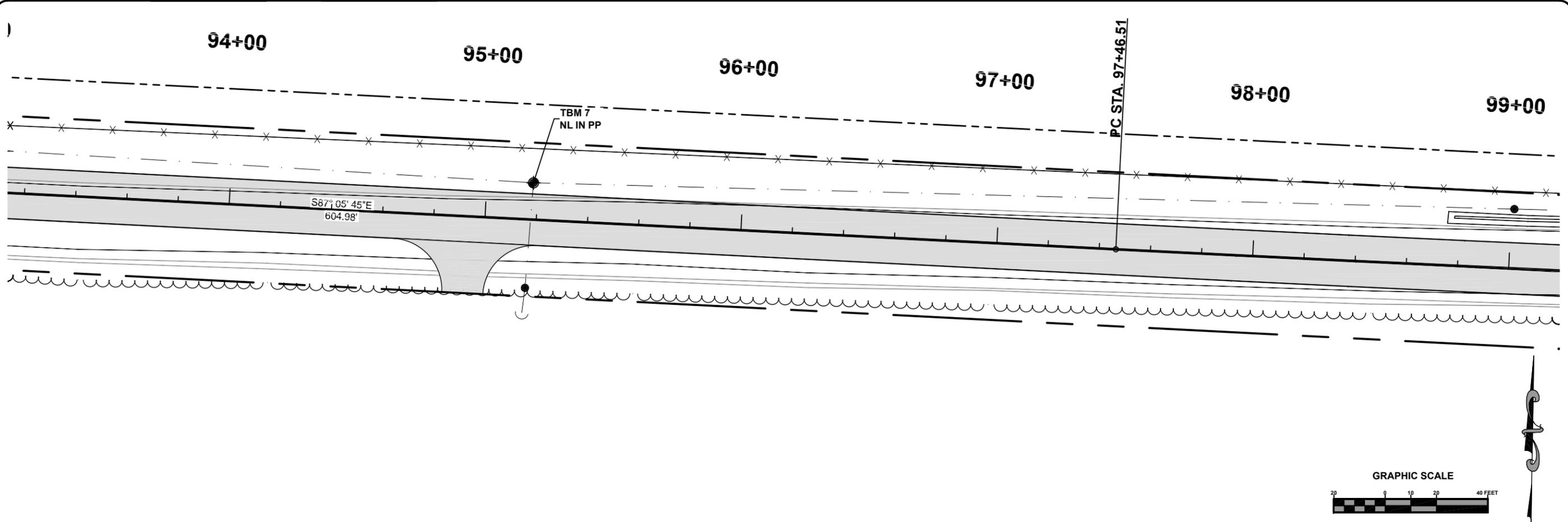
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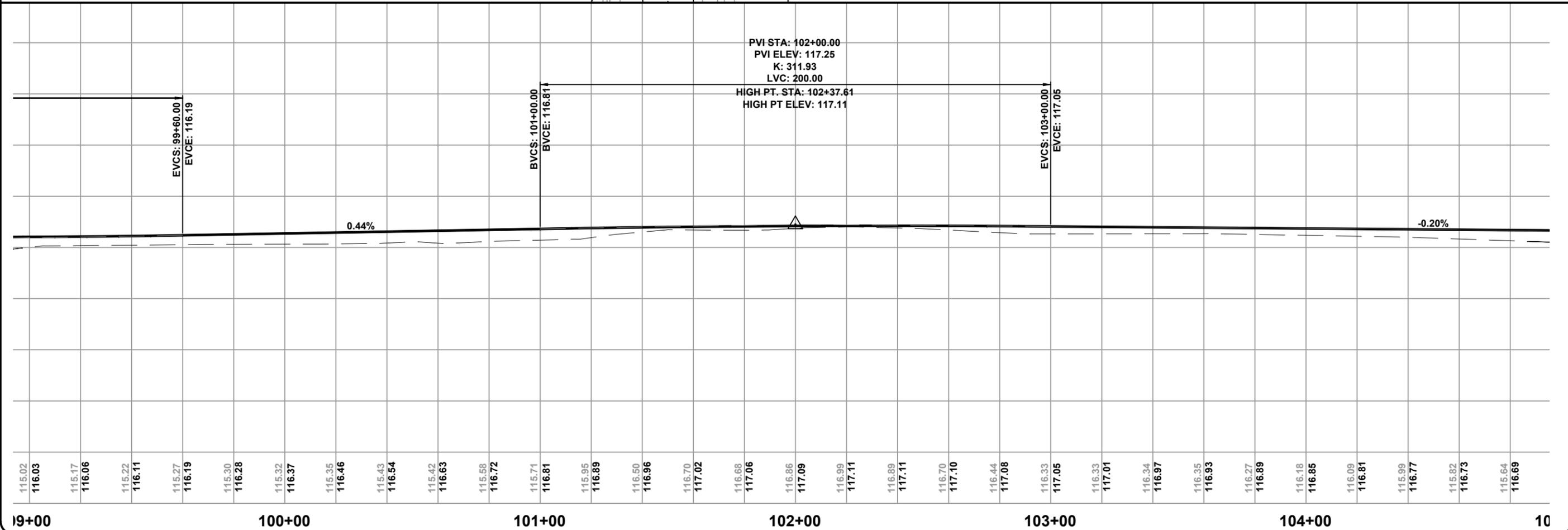
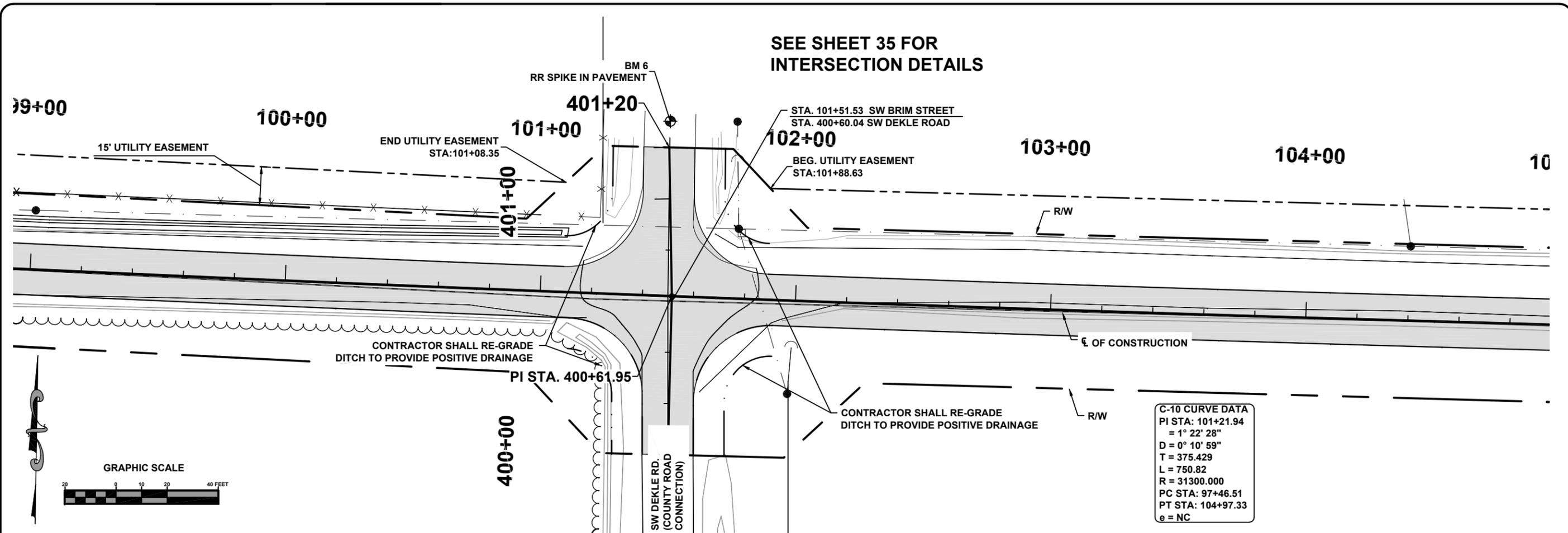


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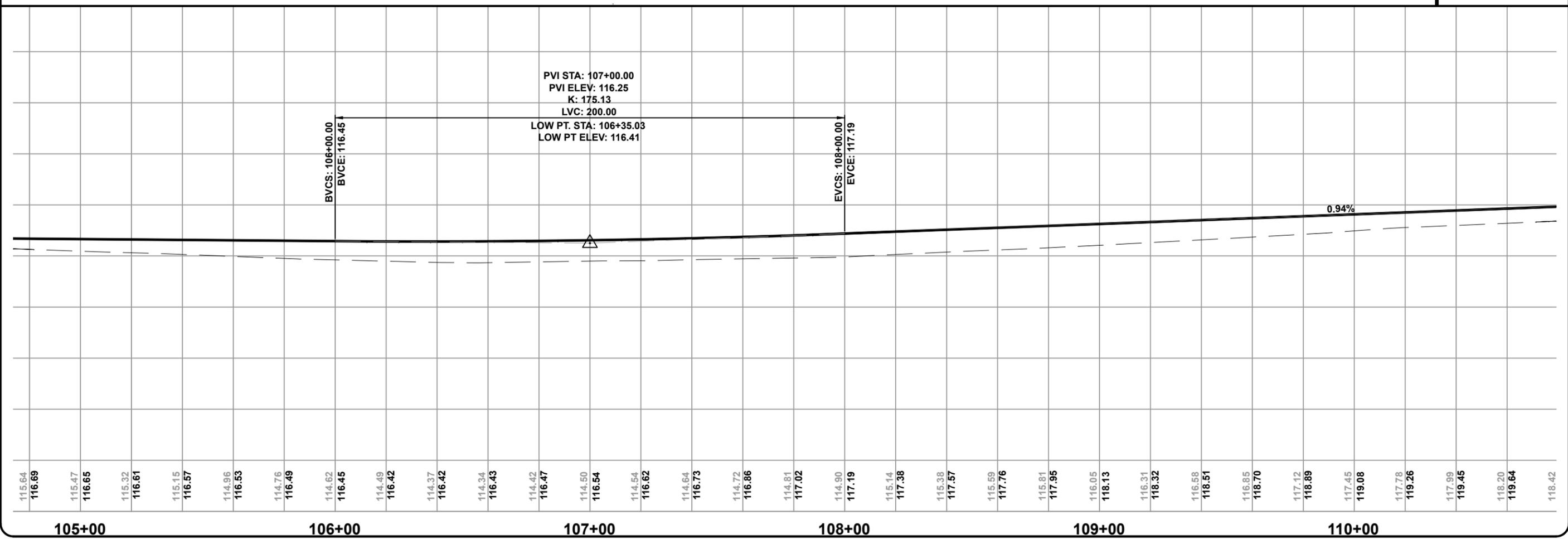
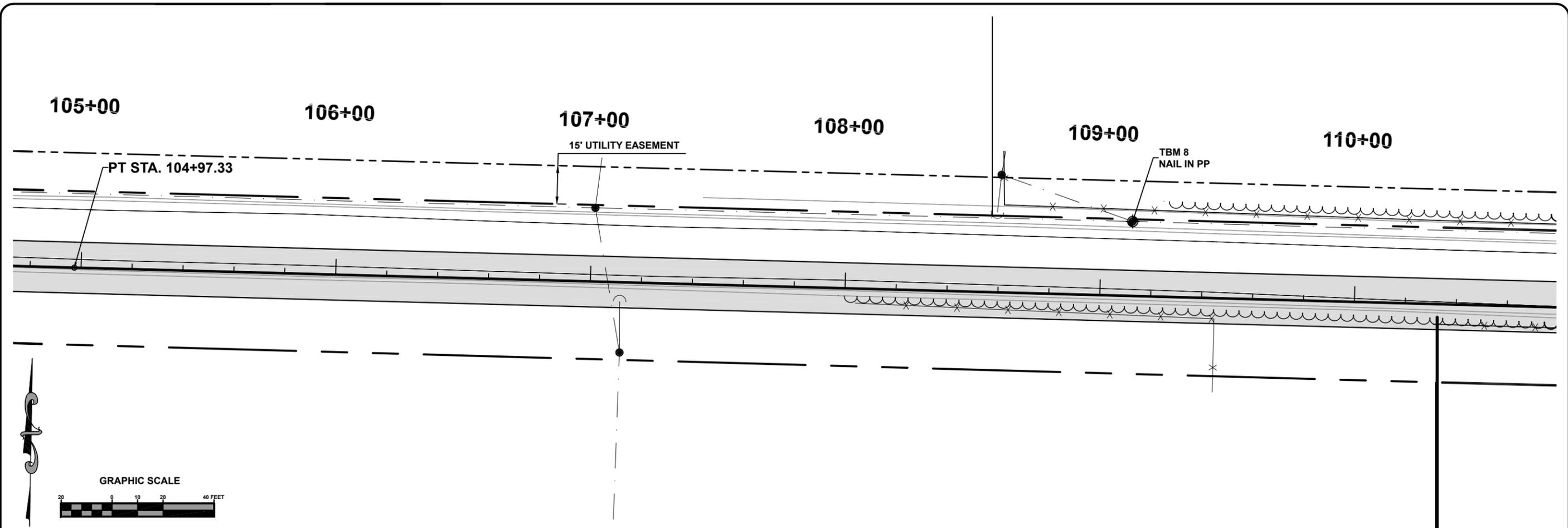
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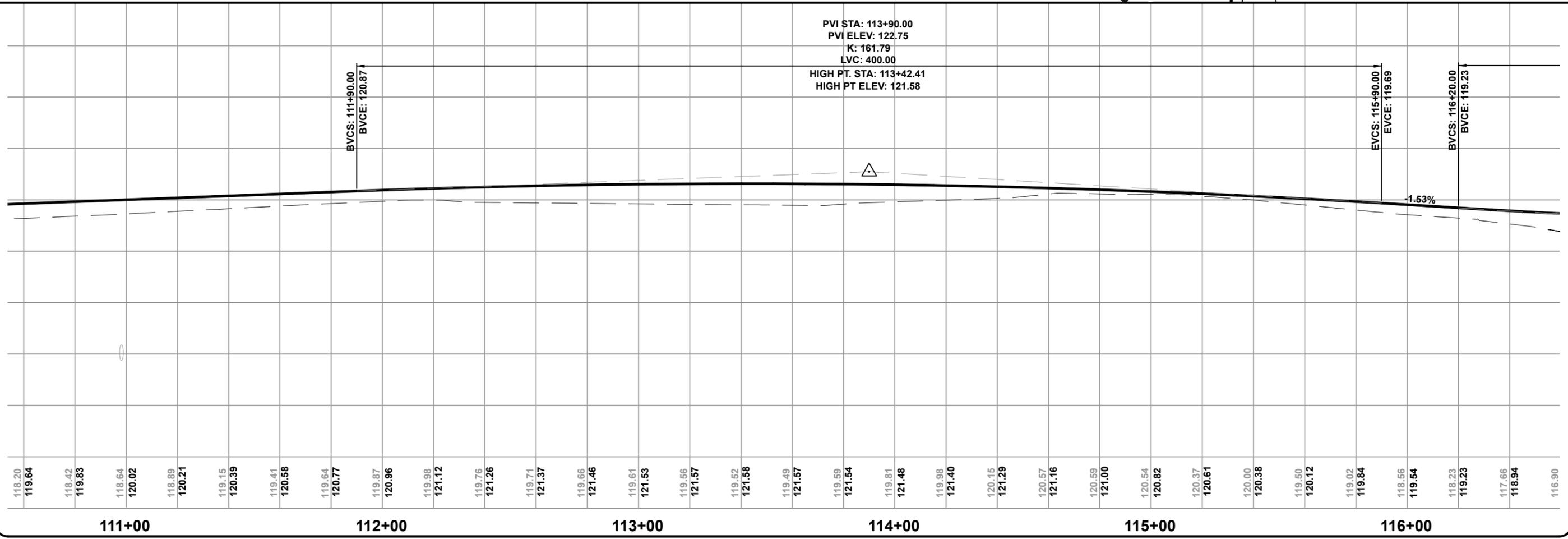
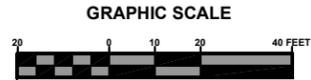
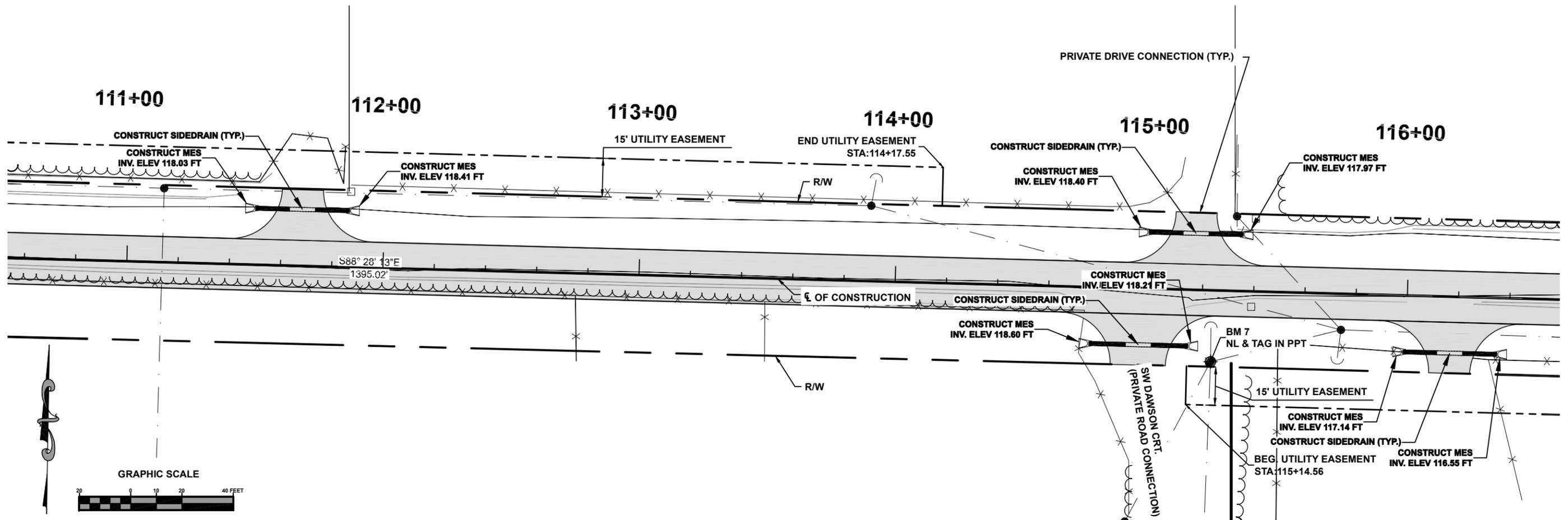


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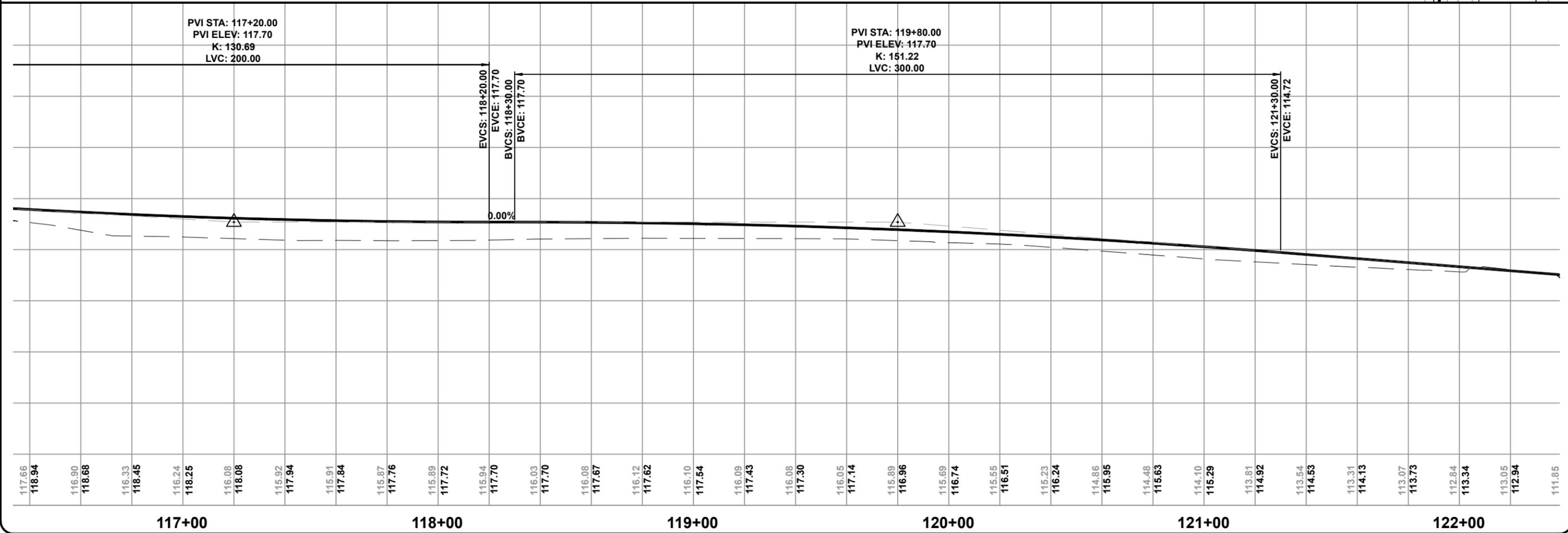
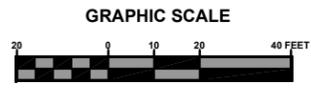
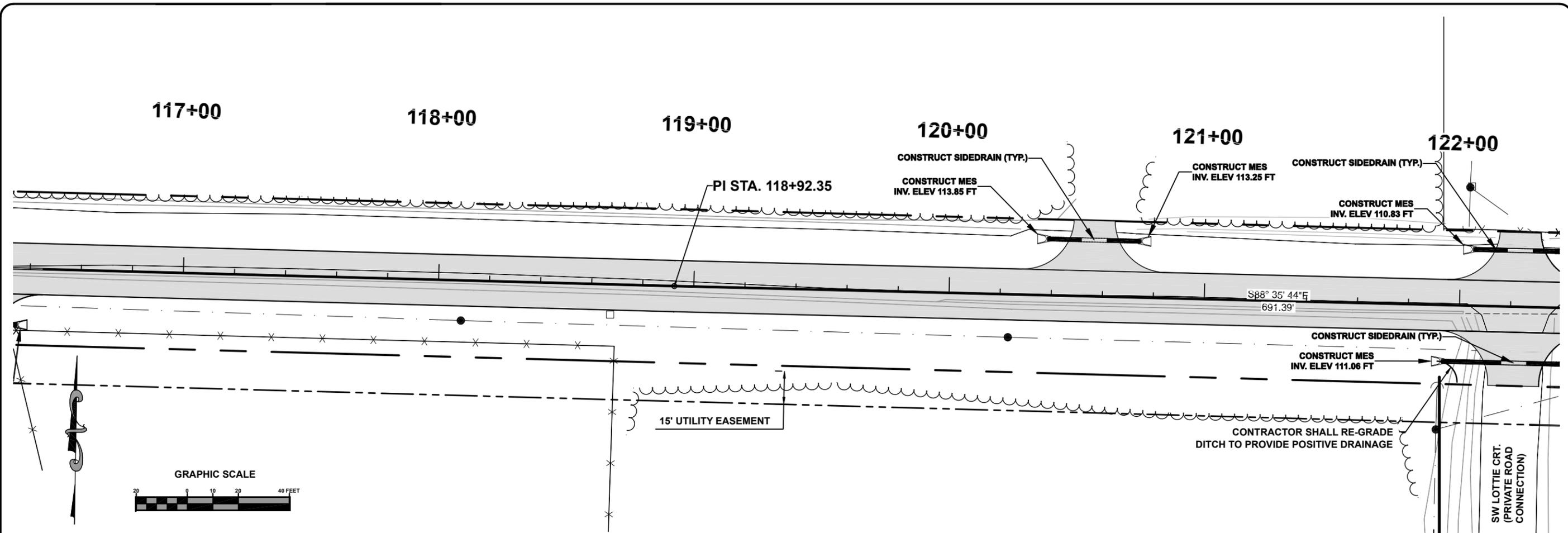


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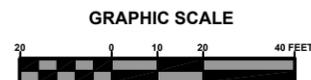
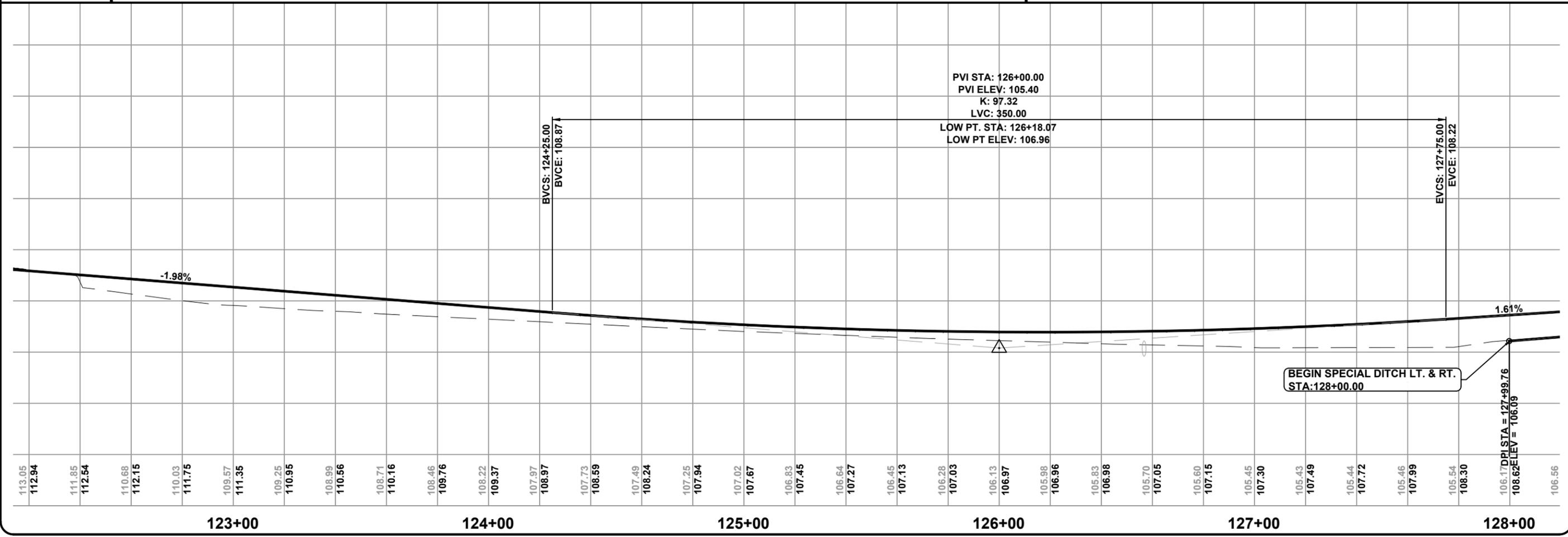
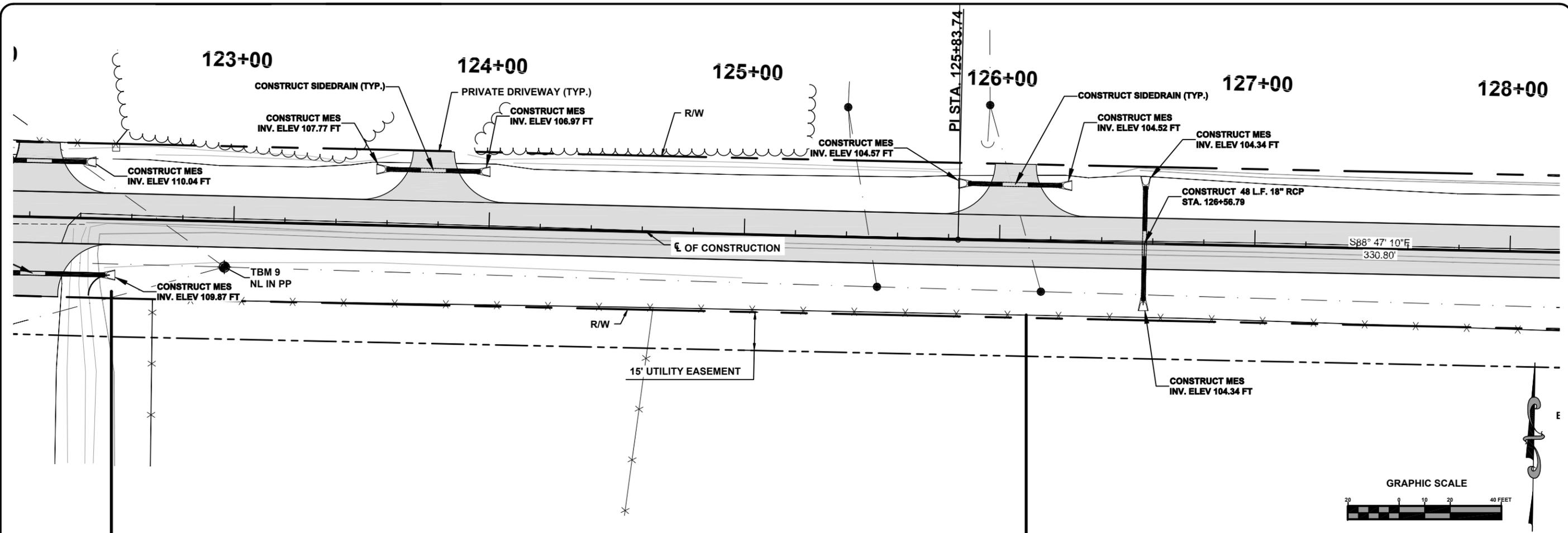


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 SW BRIM STREET
 COLUMBIA COUNTY, FLORIDA

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	CM	CM	PB

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 P.O. BOX 3823
 Tallahassee, FL 32318
 Lake City, FL 32025
 Ph. 877-335-1525
 Fax. 386-752-4674
 Eng. Lic. 29011



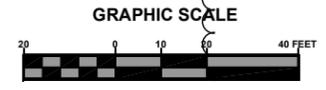
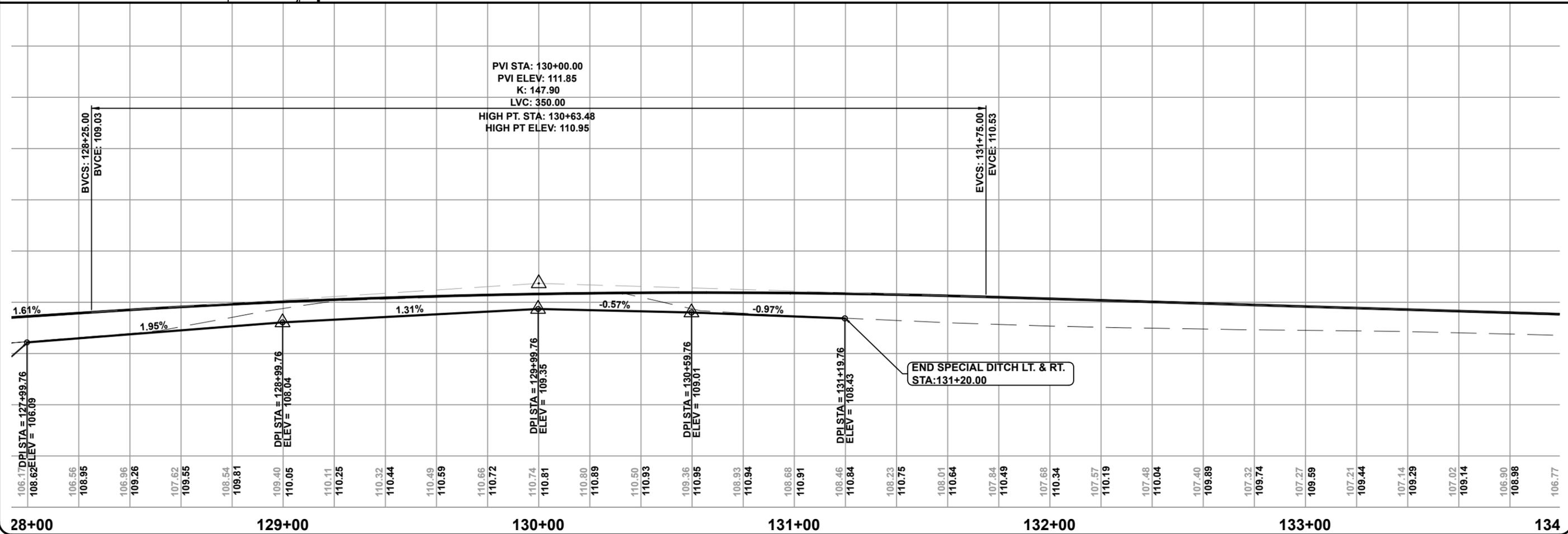
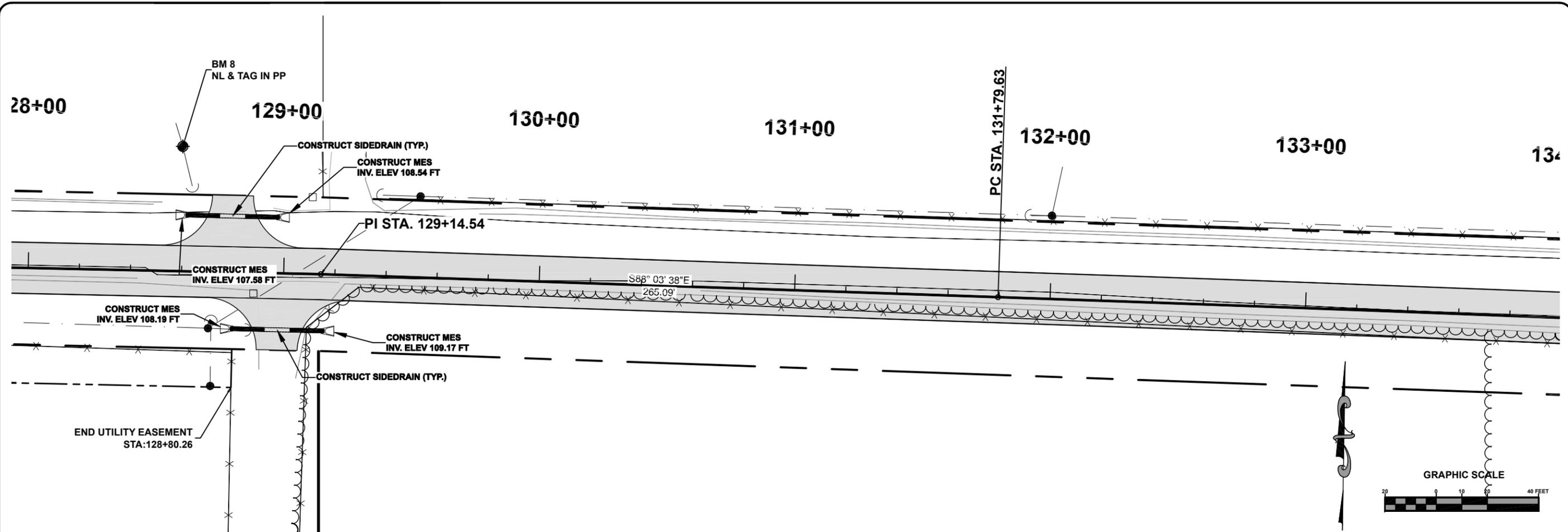
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 SW BRIM STREET
 COLUMBIA COUNTY, FLORIDA

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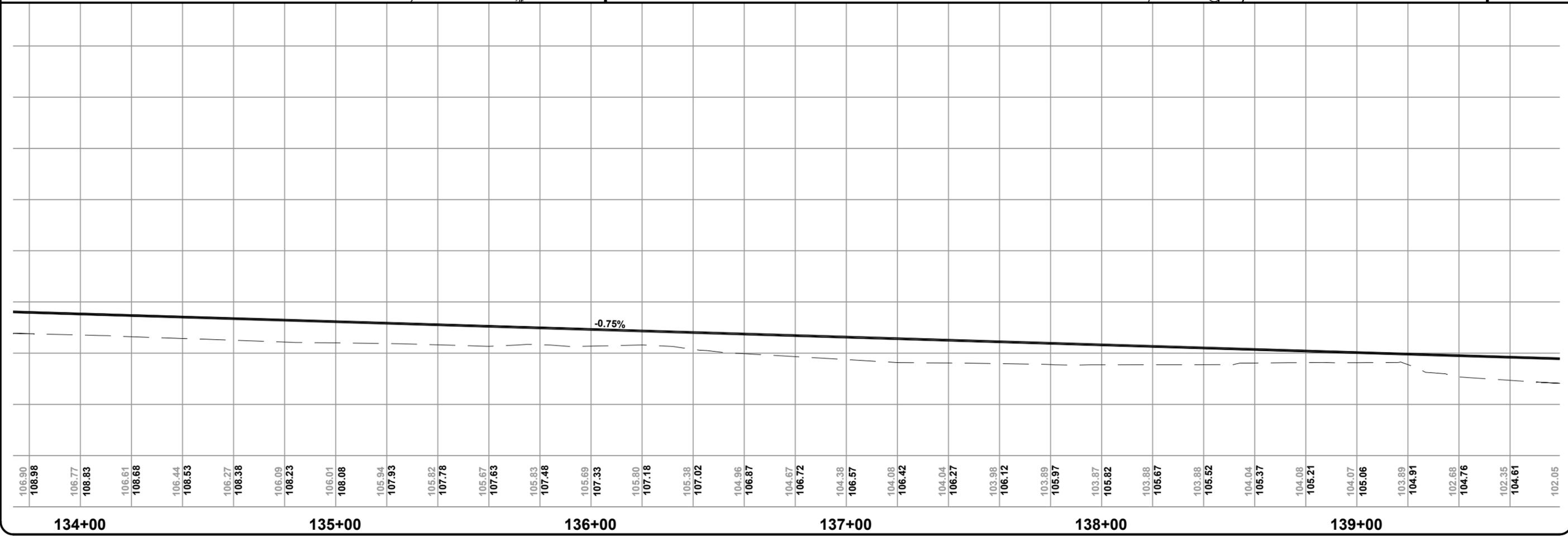
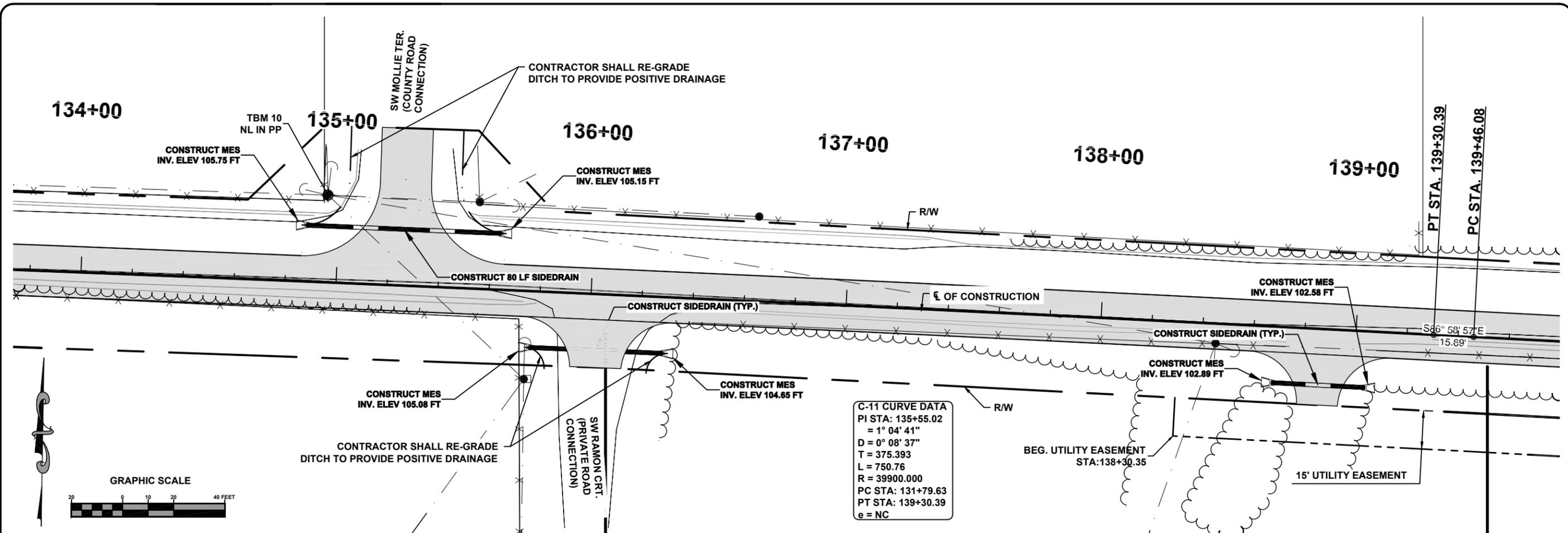


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 SW BRIM STREET
 COLUMBIA COUNTY, FLORIDA

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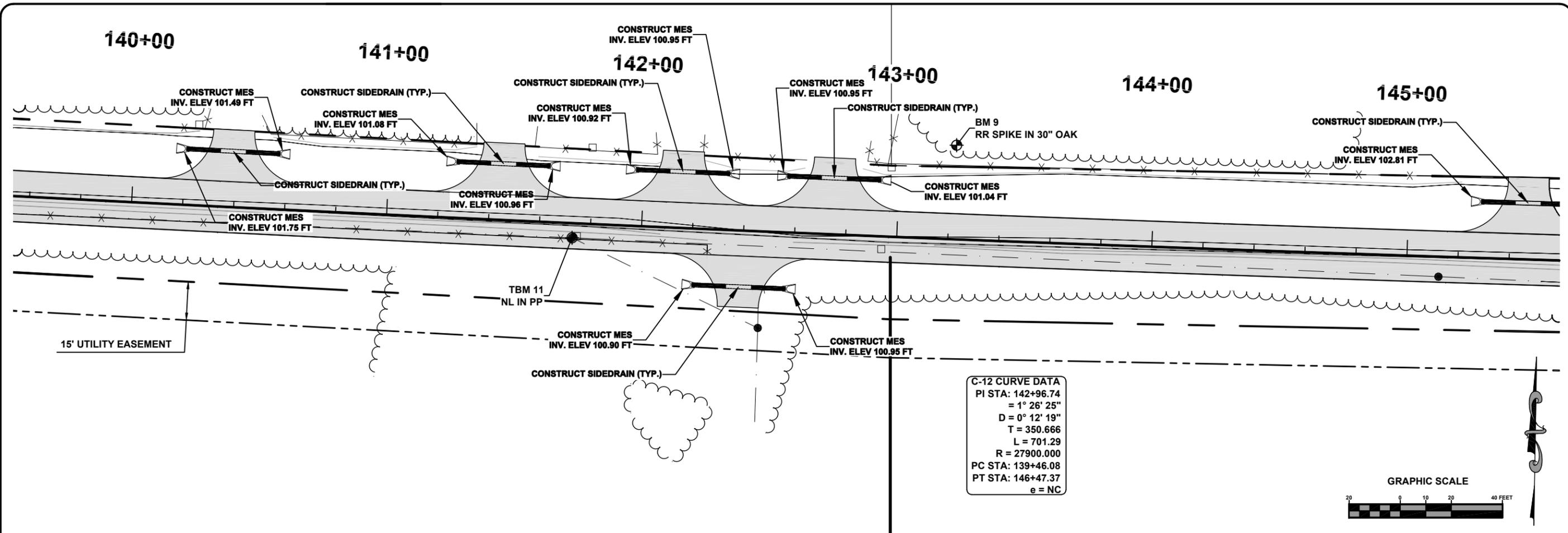


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 COLUMBIA COUNTY, FLORIDA

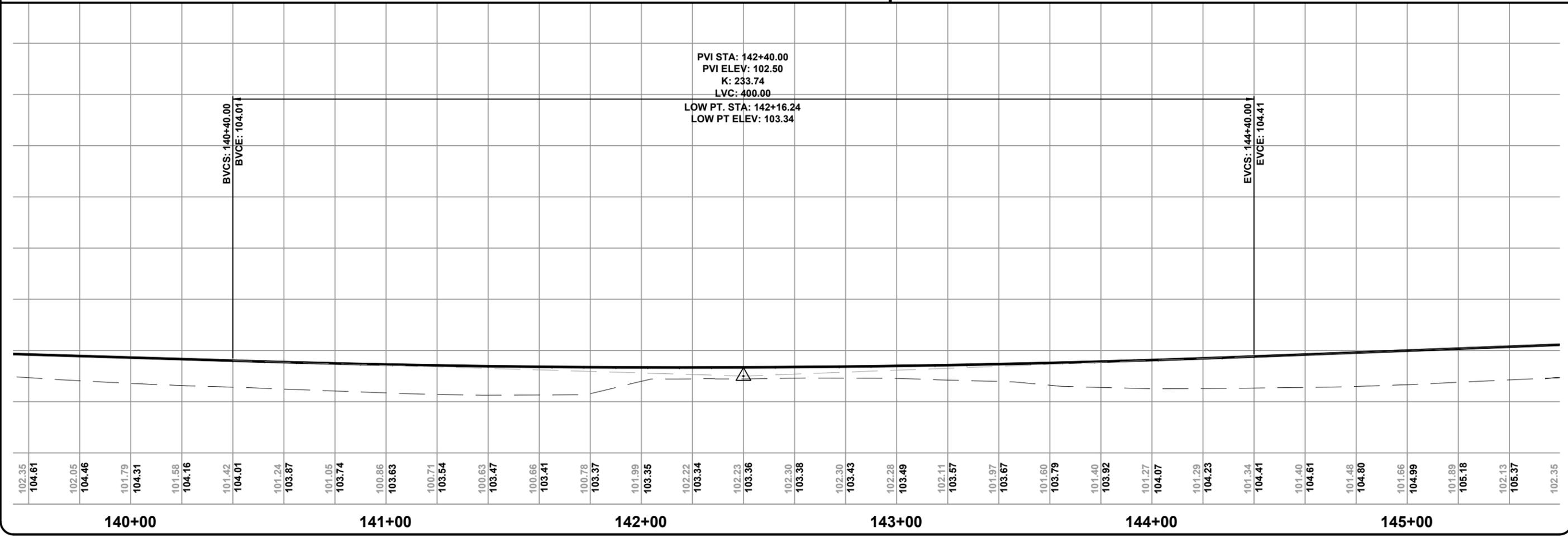
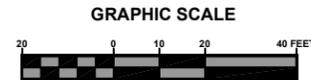
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	CM	CM	PB

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 SHEET NO. 26



C-12 CURVE DATA
 PI STA: 142+96.74
 = 1° 26' 25"
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 L = 701.29
 R = 27900.000
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 PT STA: 146+47.37
 e = NC

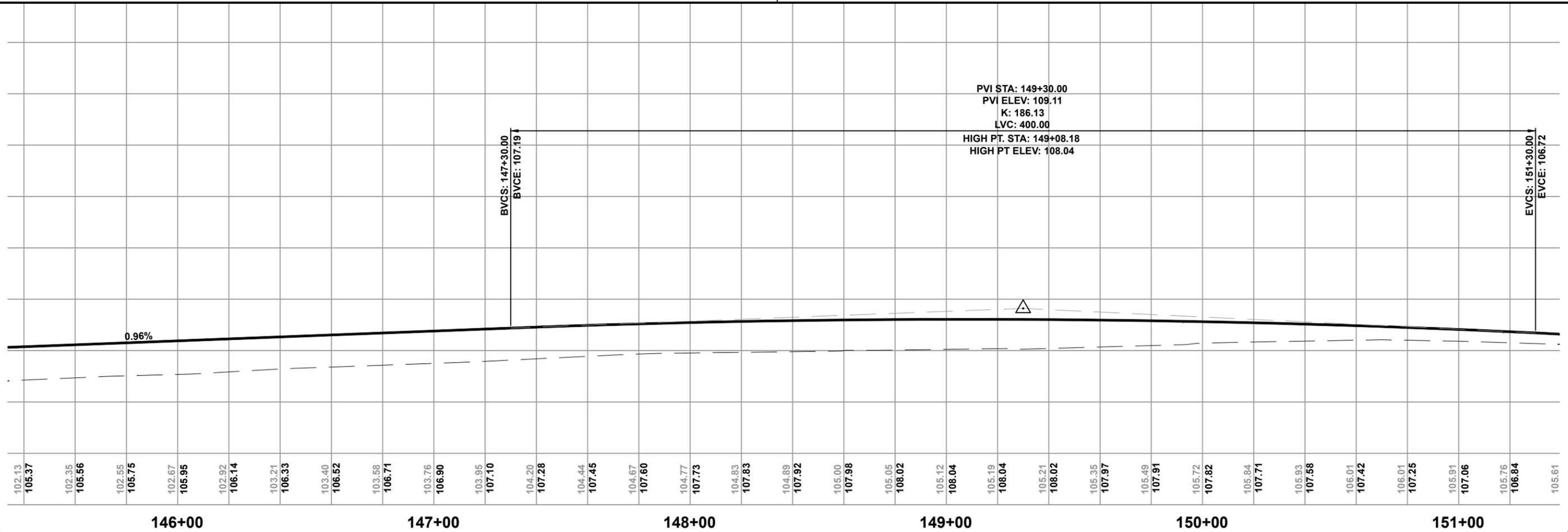
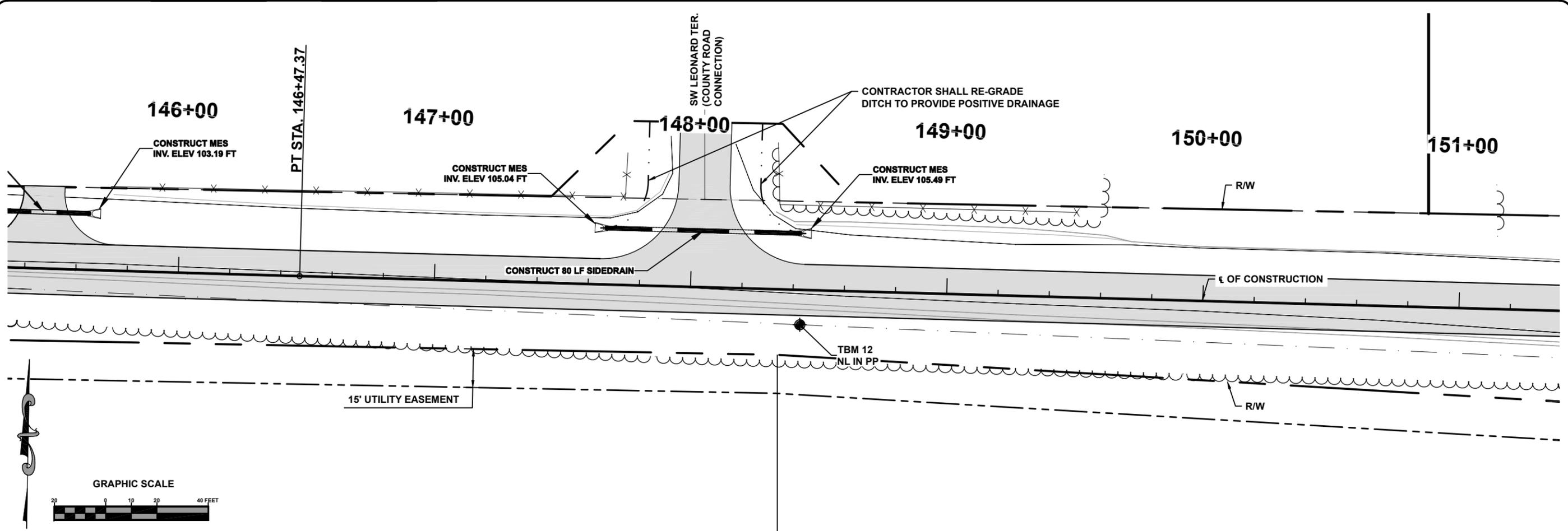


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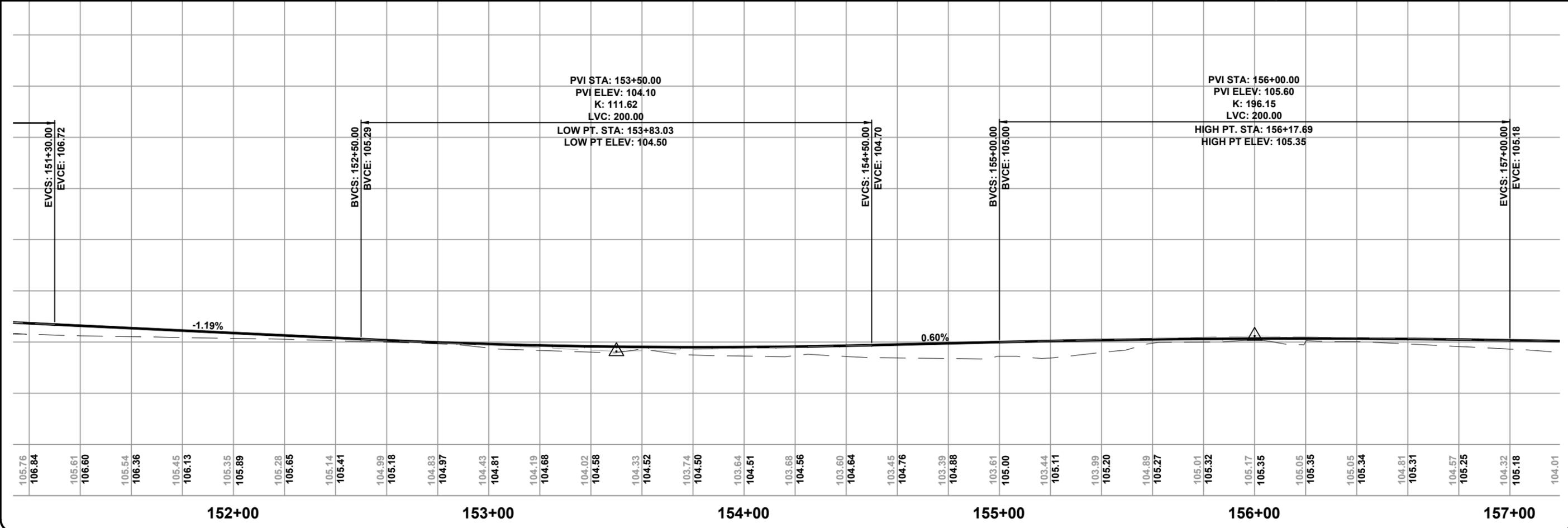
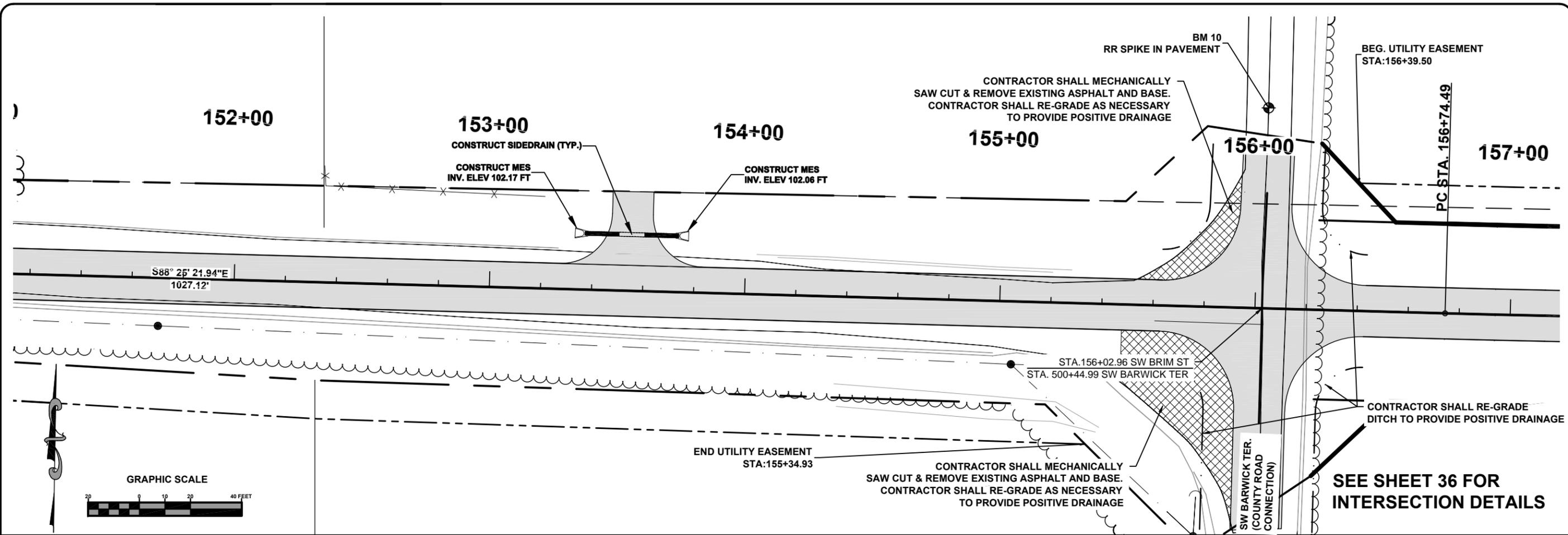


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	CM	CM	PB
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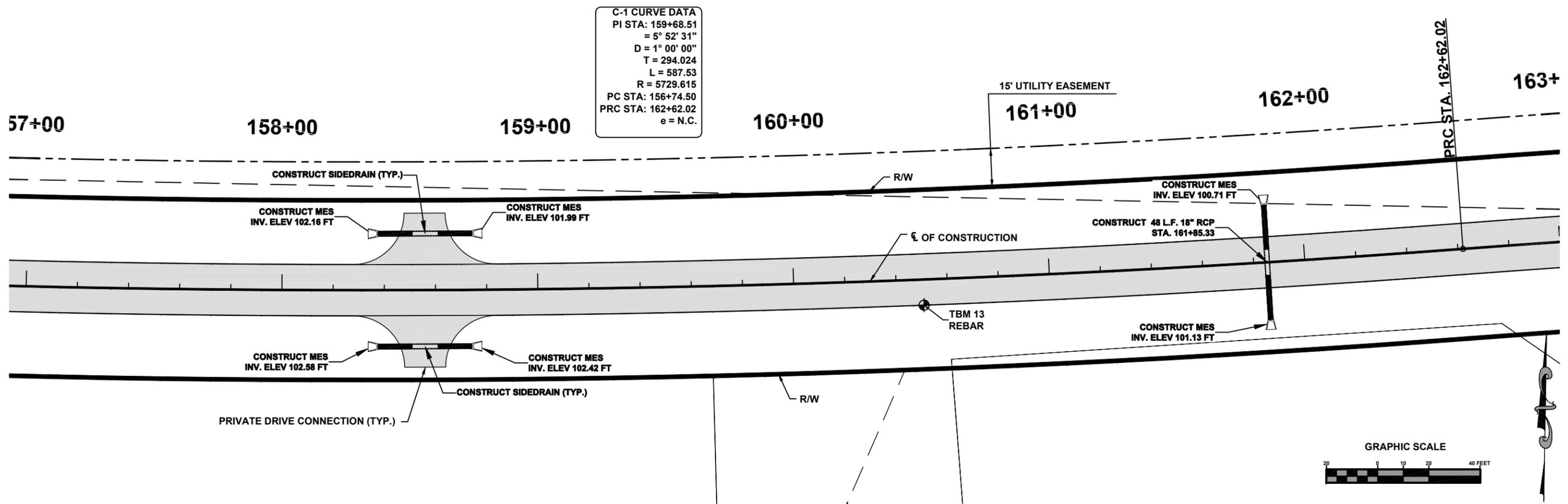


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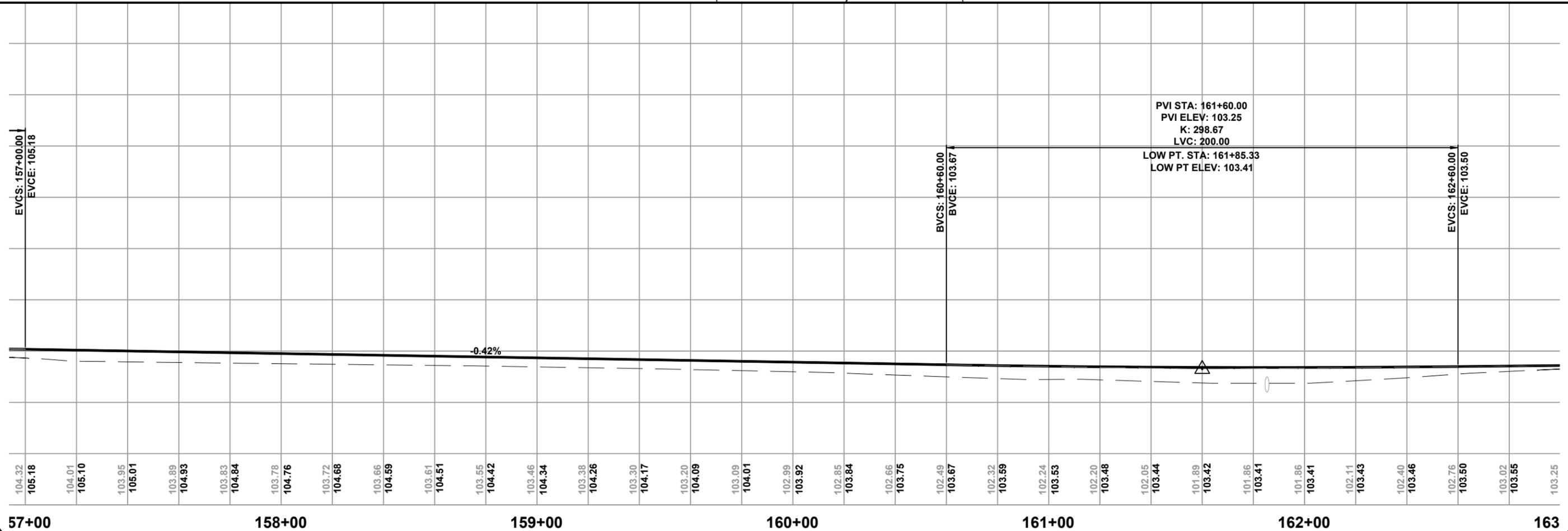
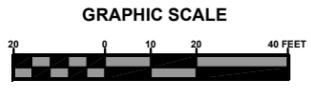


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 SW BRIM STREET
 COLUMBIA COUNTY, FLORIDA

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 JOB NUMBER: L130715CCB
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 CM CM CM PB
 DATE: 2/2014
 SHEET NO. 29



C-1 CURVE DATA
 PI STA: 159+68.51
 = 5° 52' 31"
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 L = 587.53
 R = 5729.615
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 PRC STA: 162+62.02
 e = N.C.



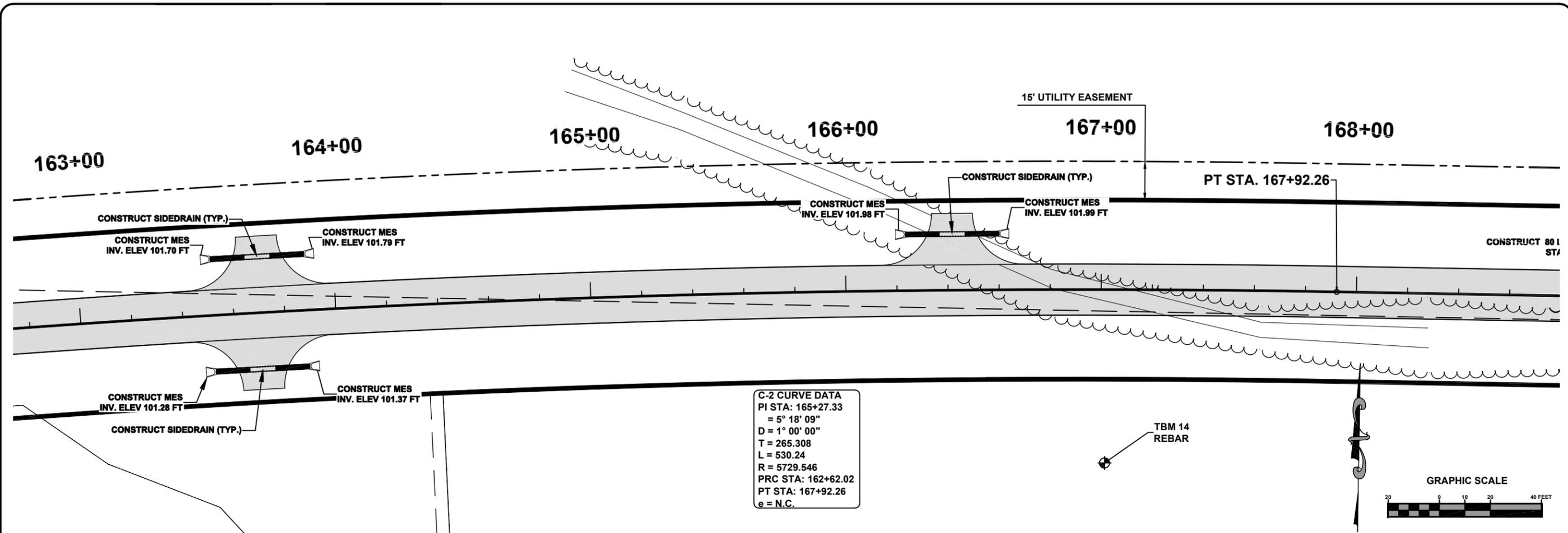
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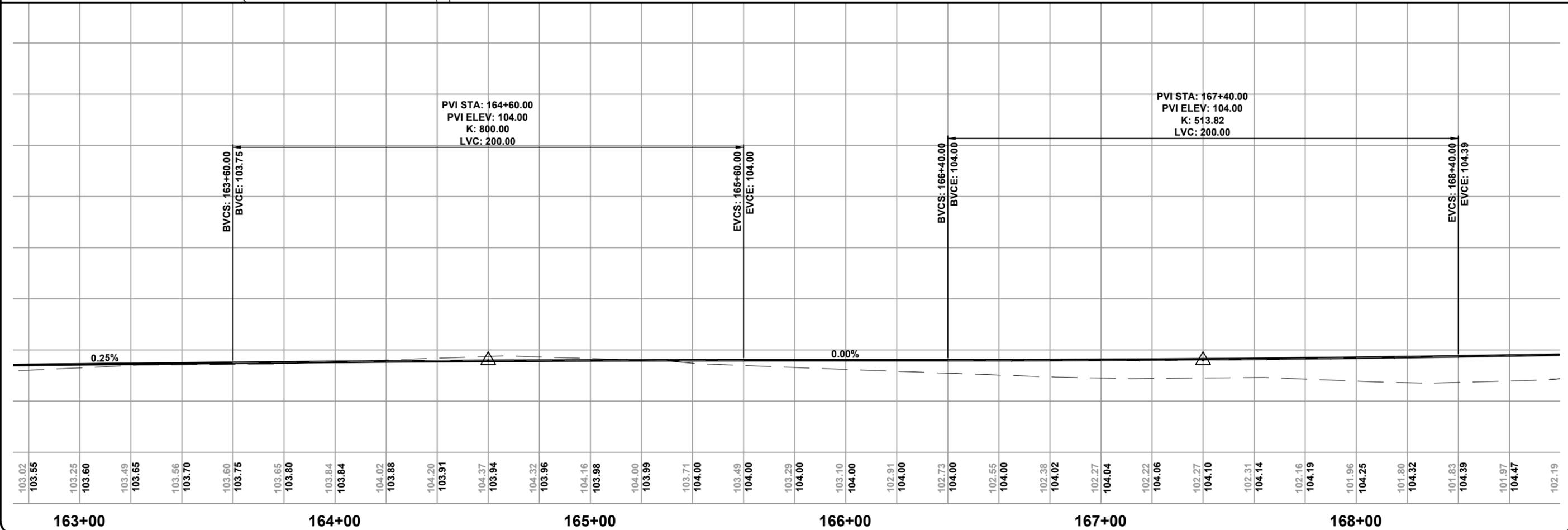
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 SW BRIM STREET
 COLUMBIA COUNTY, FLORIDA

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C-2 CURVE DATA
 PVI STA: 165+27.33
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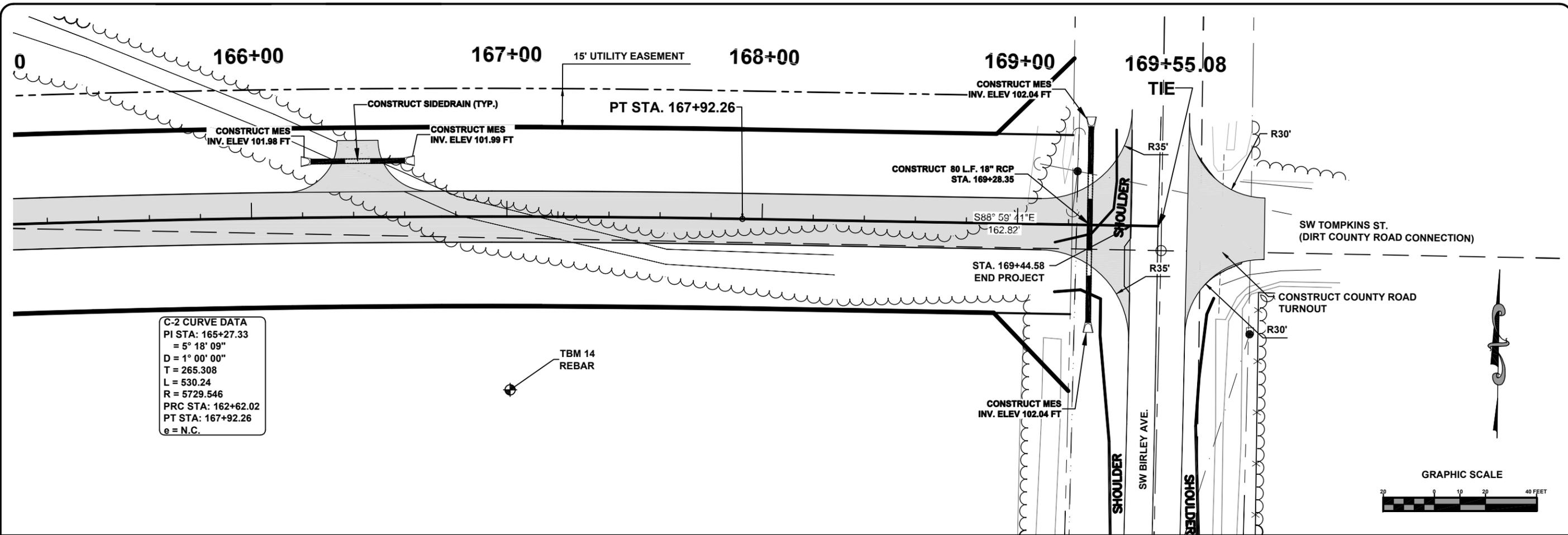


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 SW BRIM STREET
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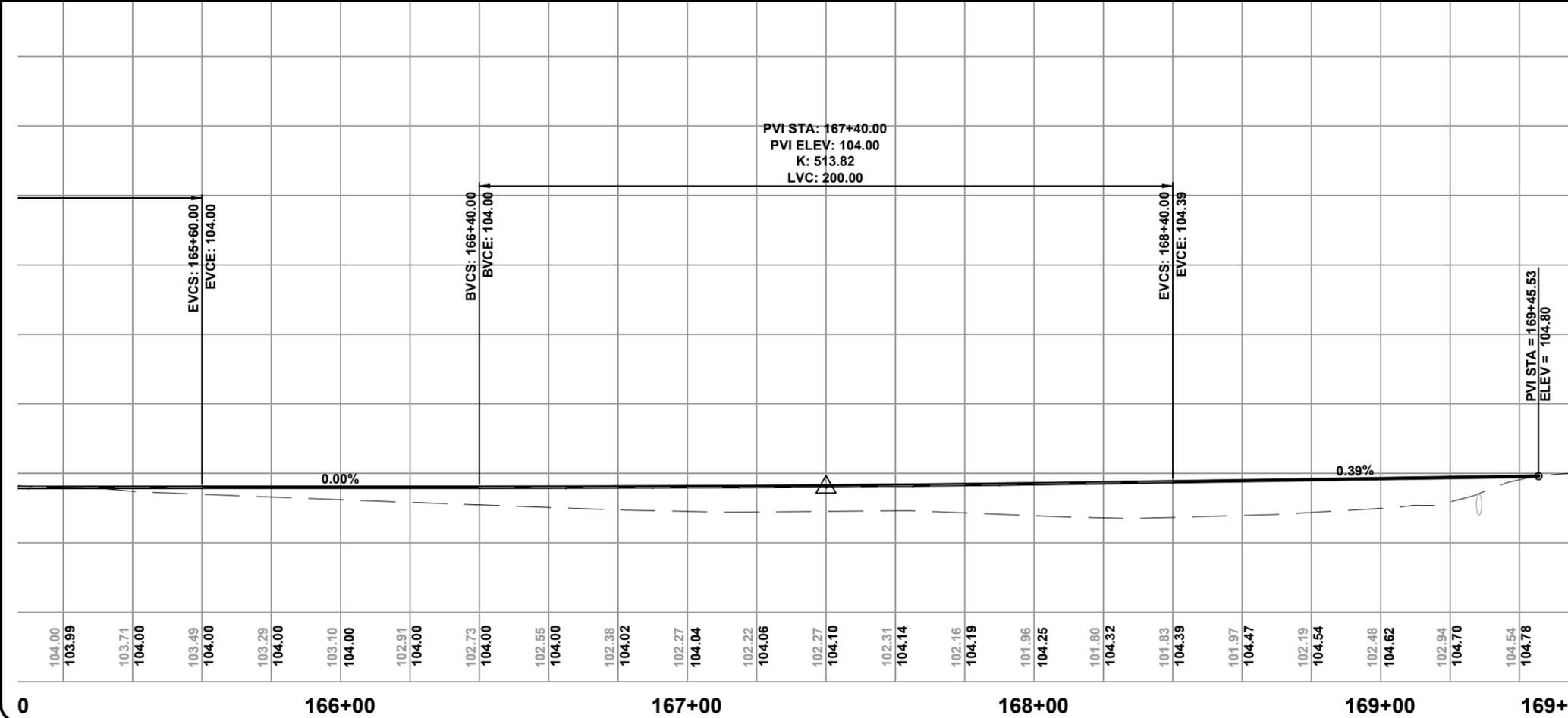
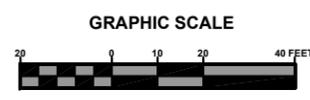
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DATE: 2/2014
 SHEET NO. 31



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 T = 265.308
 L = 530.24
 R = 5729.546
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 PT STA: 167+92.26
 e = N.C.

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 Fax. 386-752-4674
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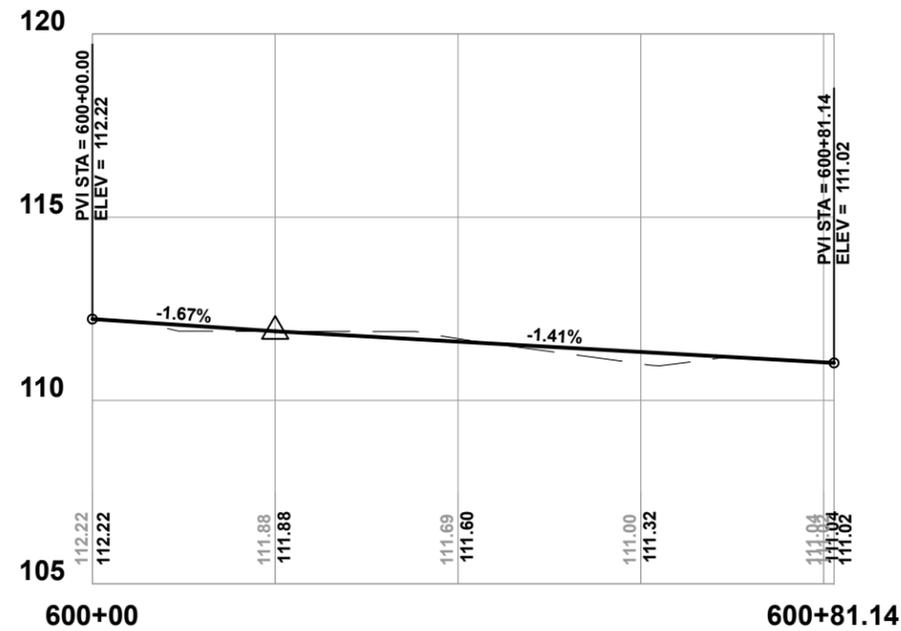
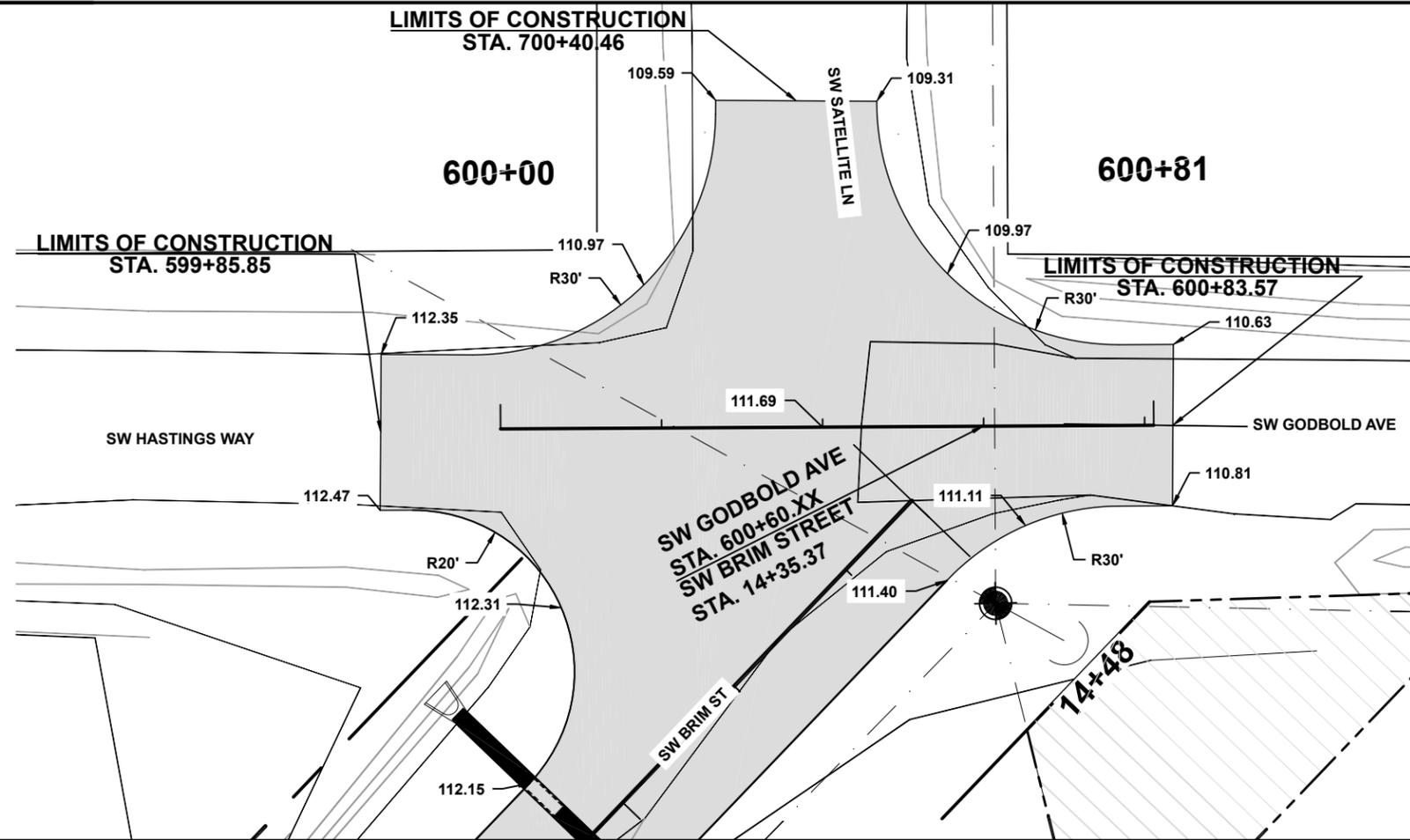


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 SW BRIM STREET
 COLUMBIA COUNTY, FLORIDA

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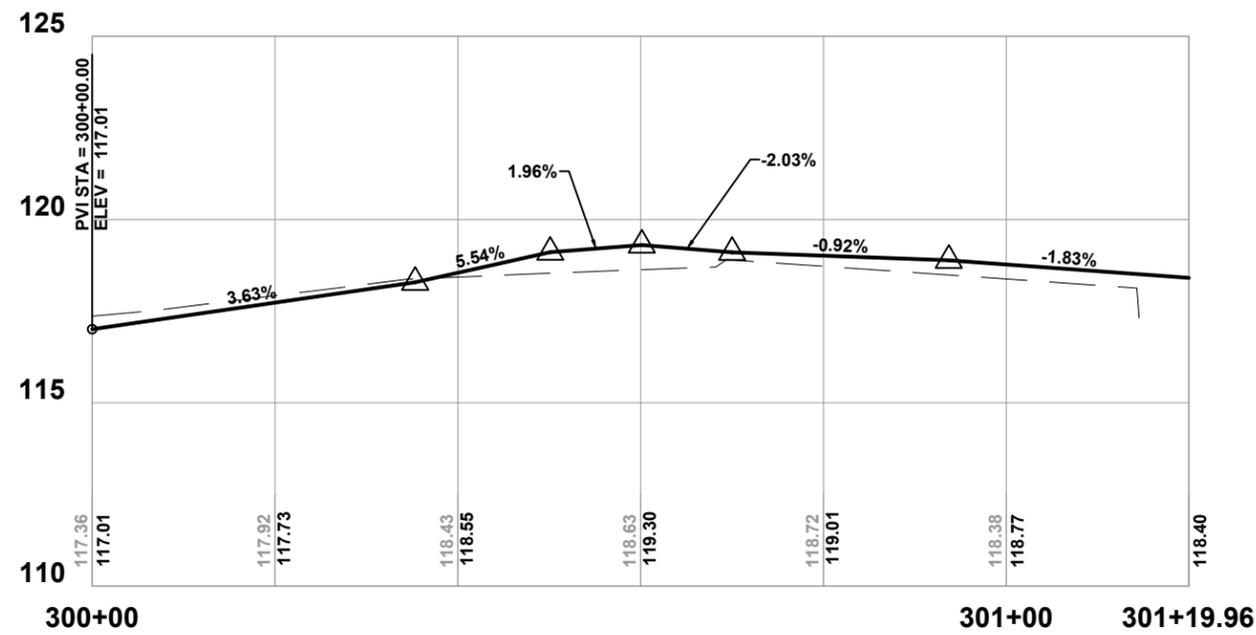
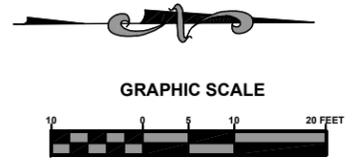
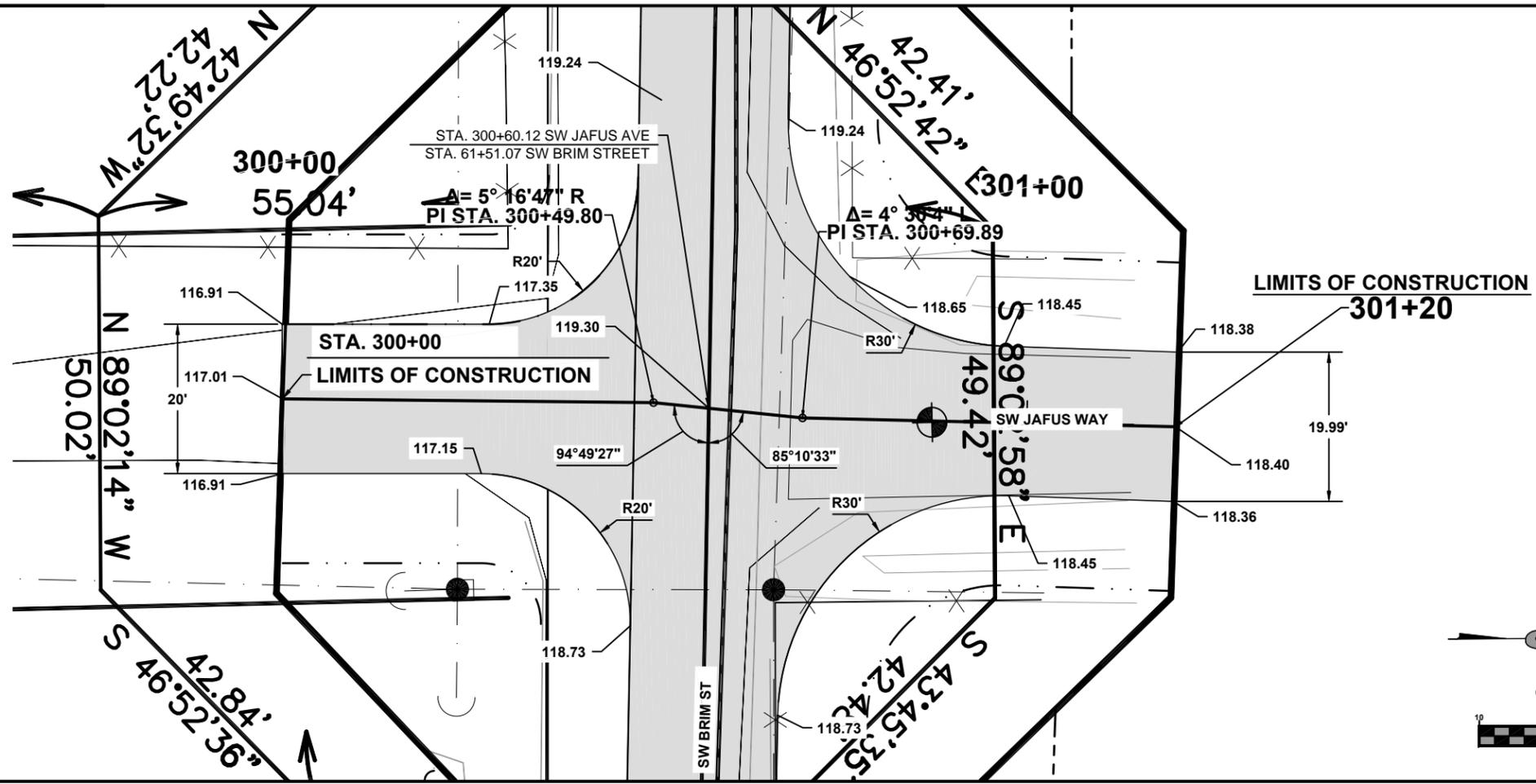


INTERSECTION DETAIL
 SW GODBOLD AVENUE
 COLUMBIA COUNTY, FLORIDA

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	PB	CHECKED BY
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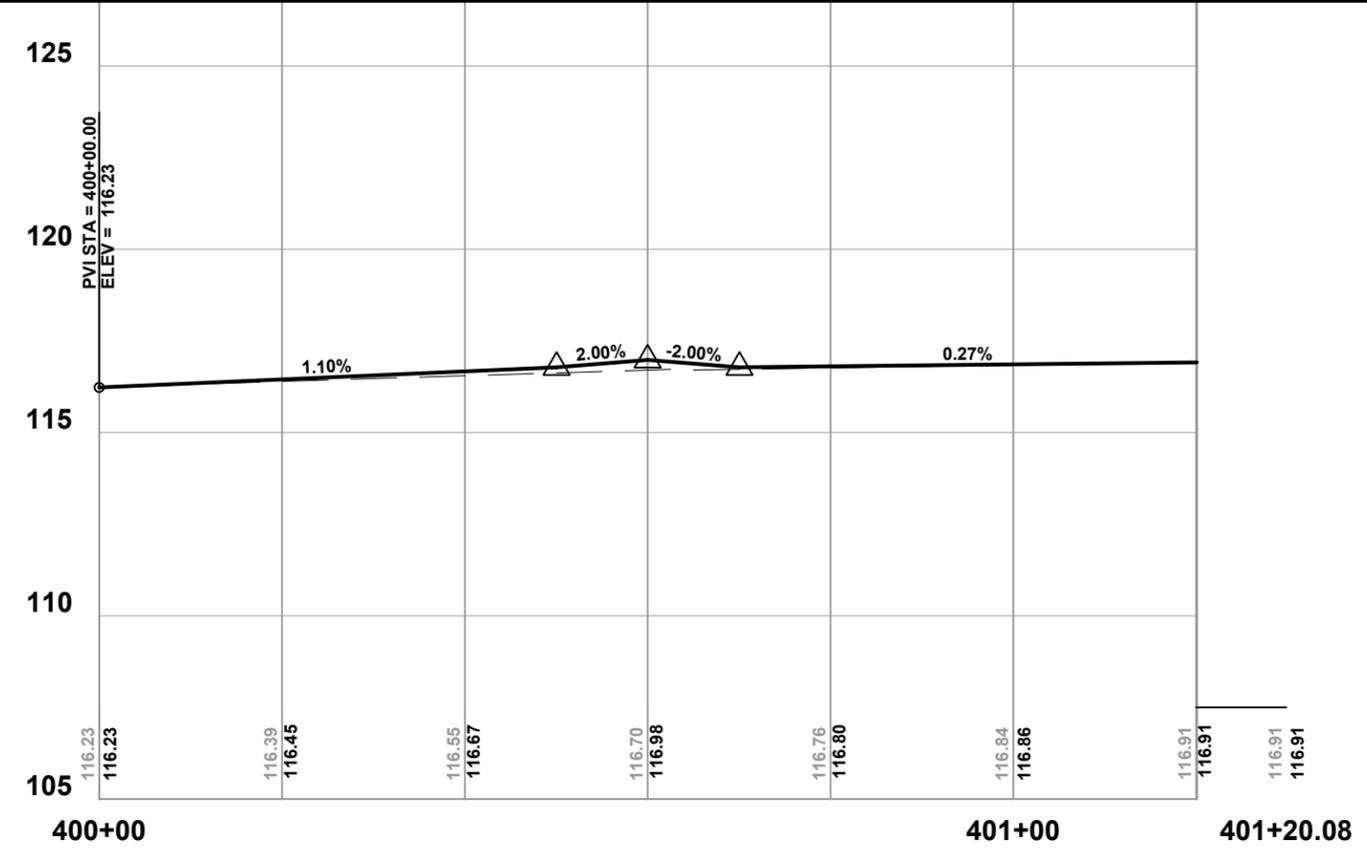
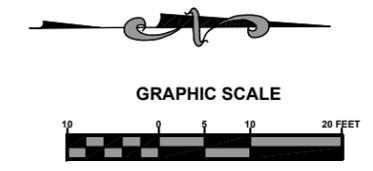
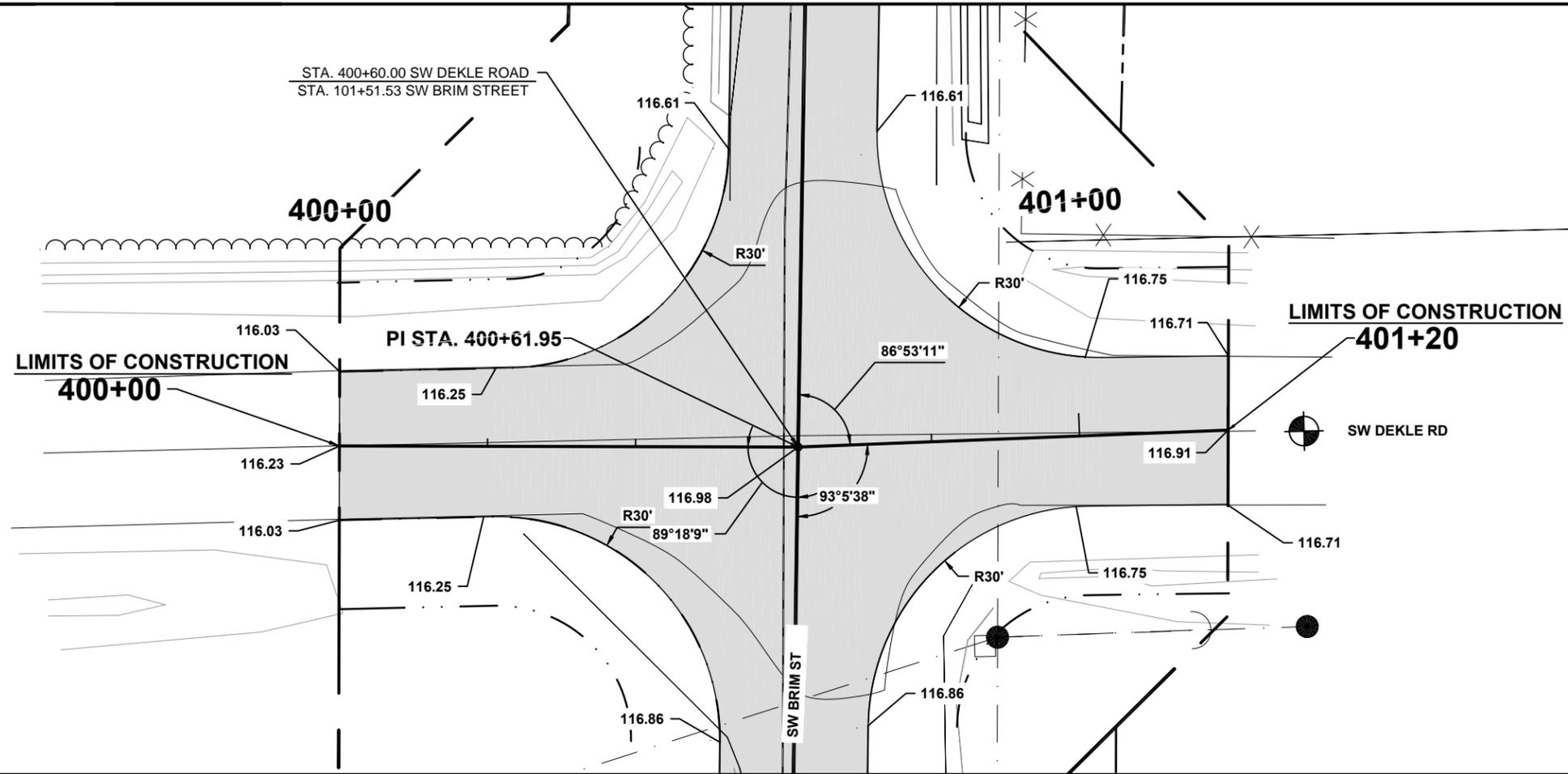
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INTERSECTION DETAIL
 SW JAFUS AVENUE
 COLUMBIA COUNTY, FLORIDA

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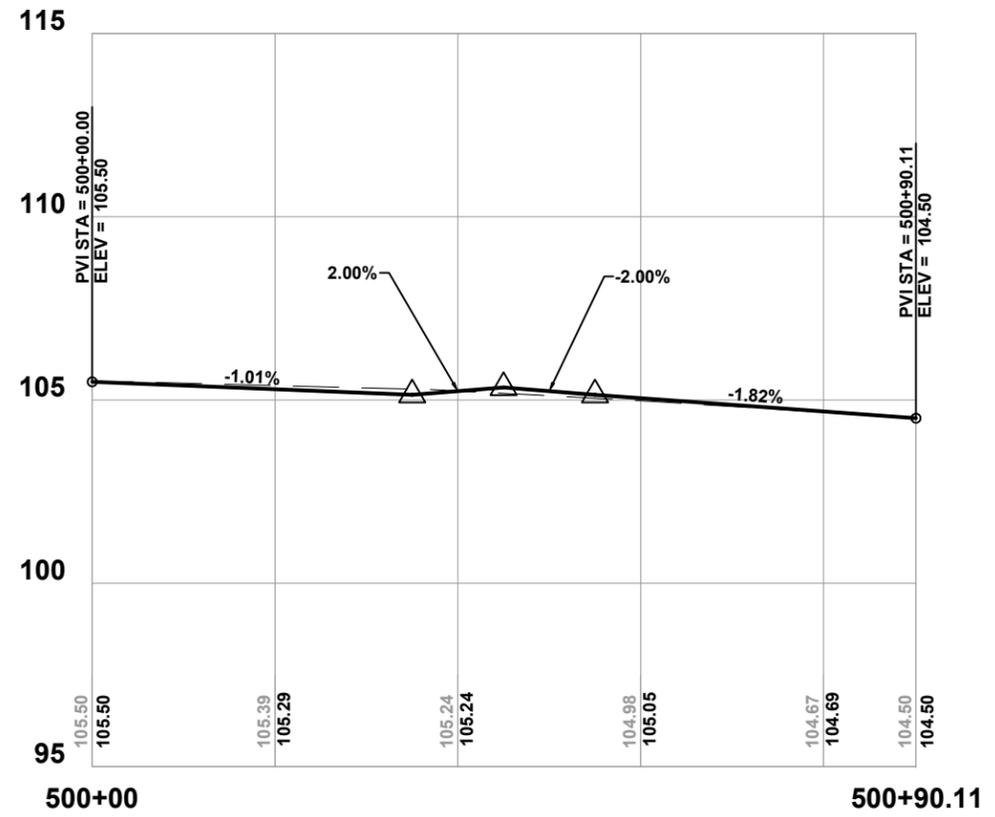
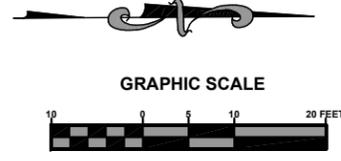
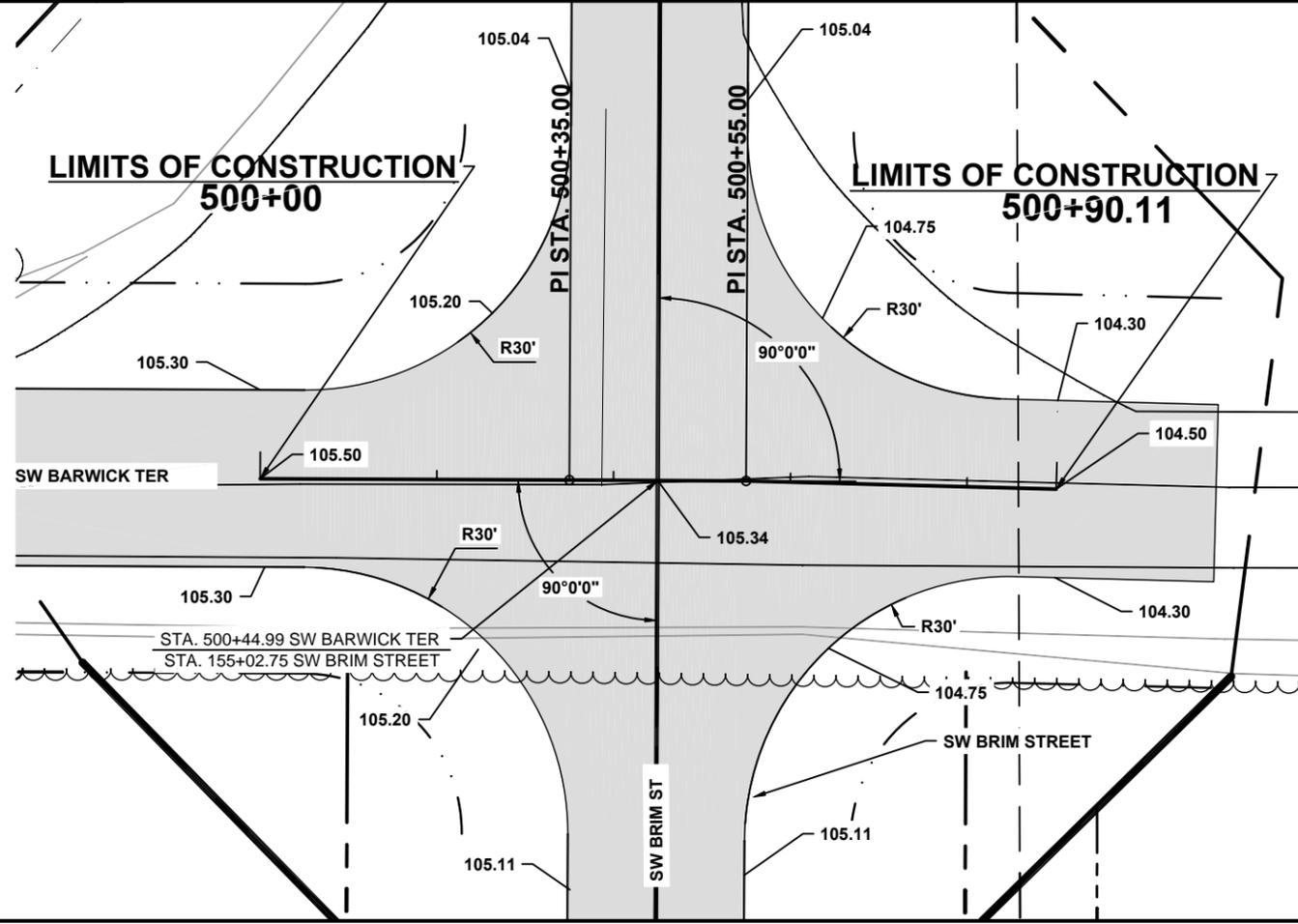


INTERSECTION DETAIL
 SW DEKLE ROAD
 COLUMBIA COUNTY, FLORIDA

REVISIONS:

DATE:	1/2014
SHEET NO.:	35

JOB NUMBER: L130715CCB
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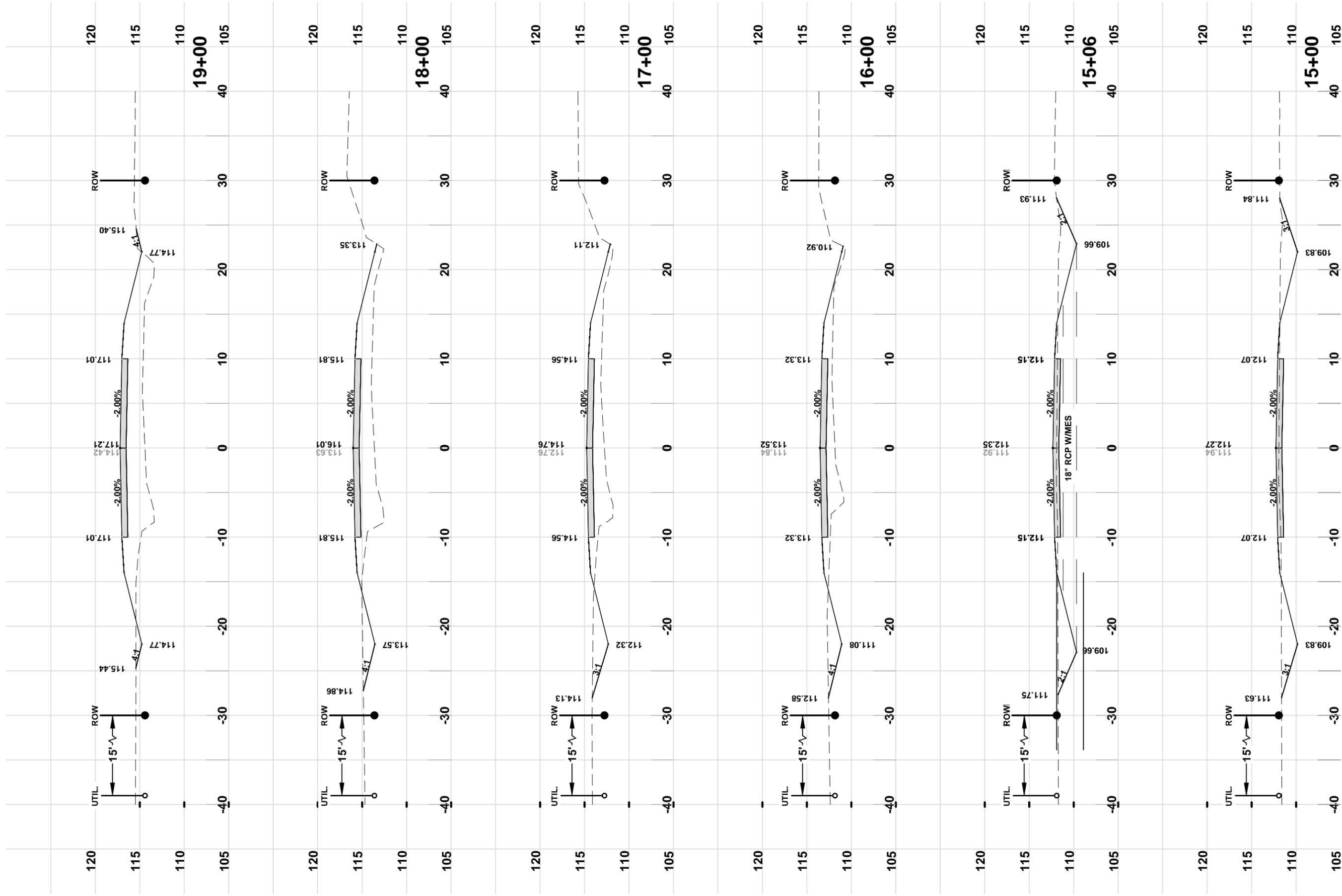


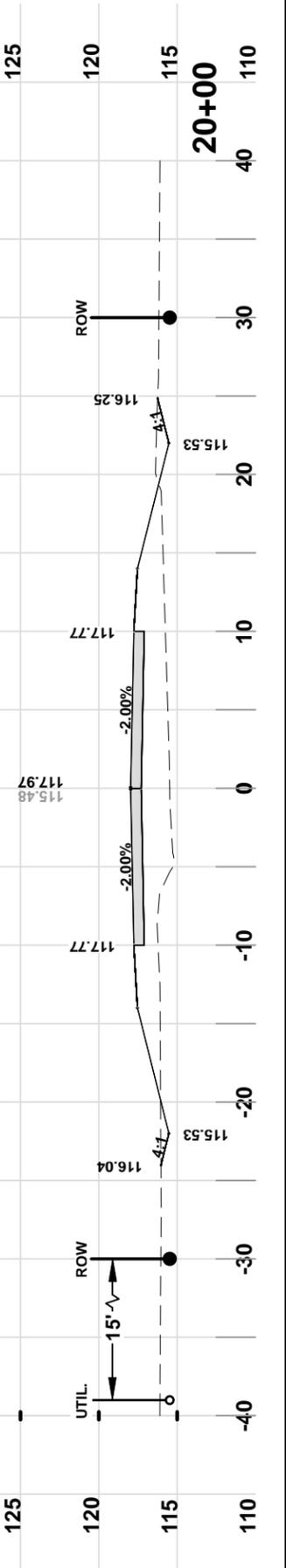
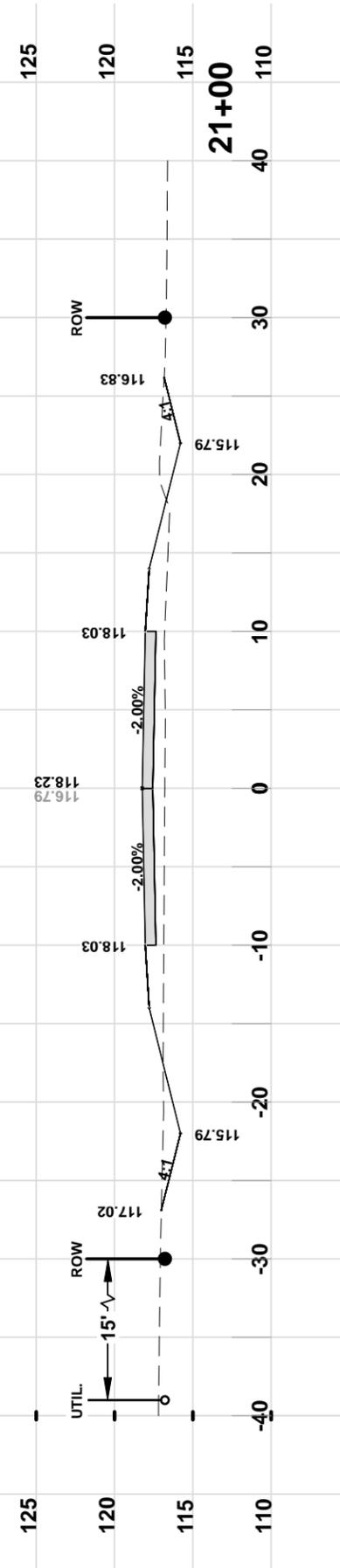
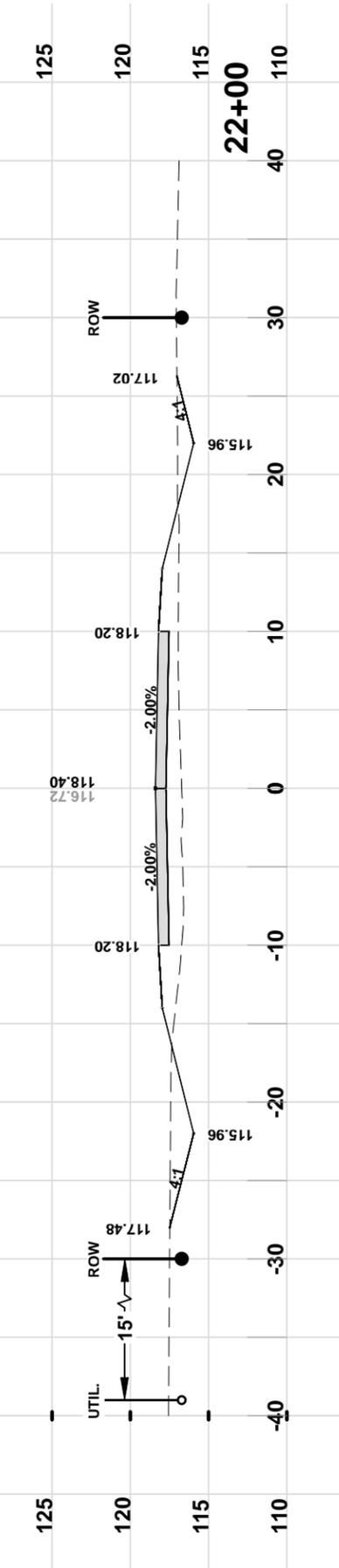
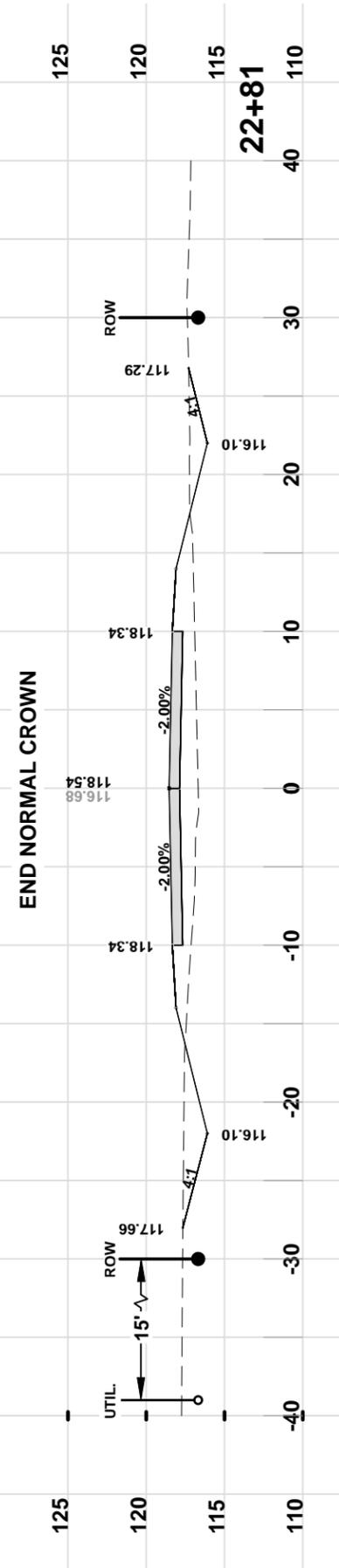
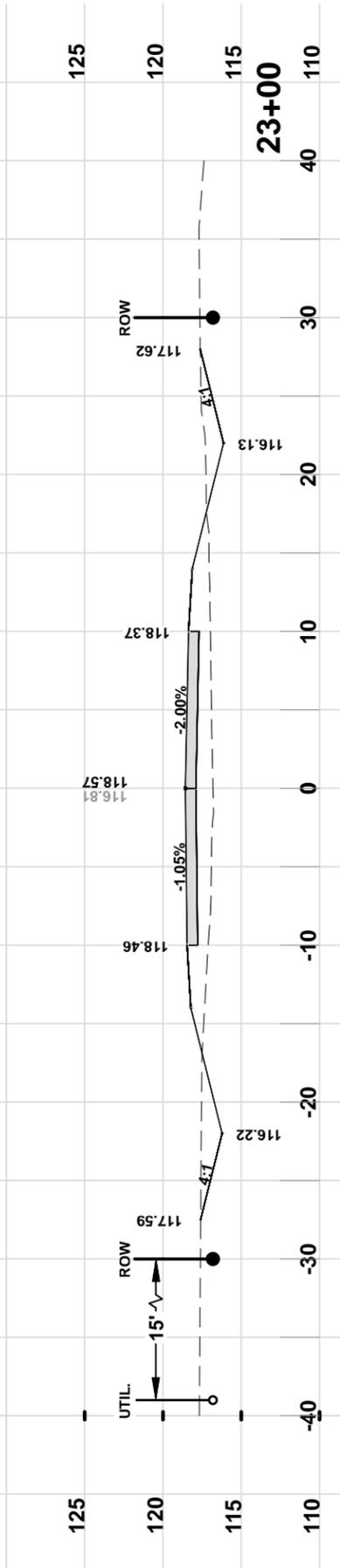
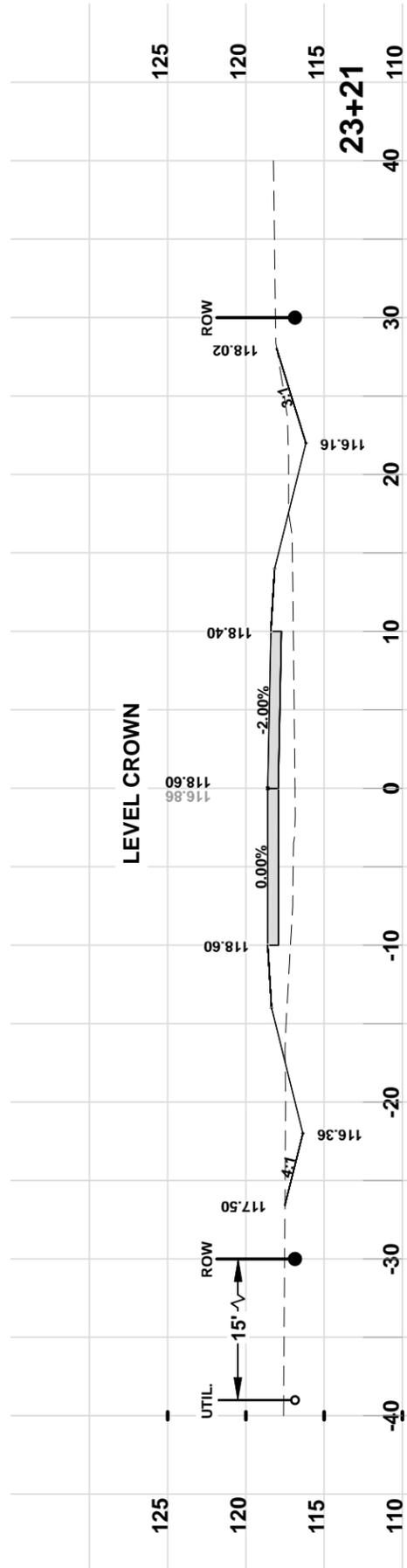
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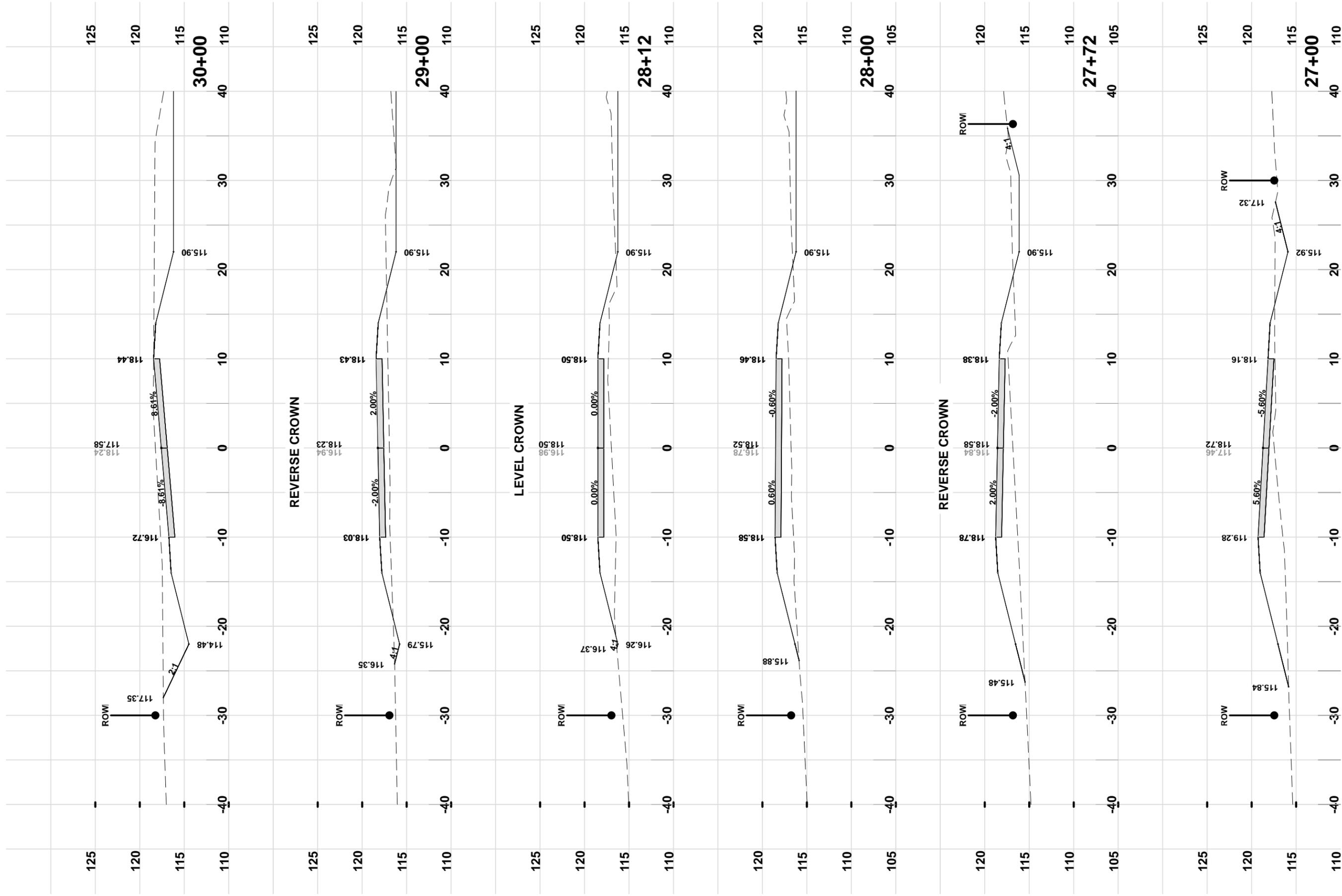


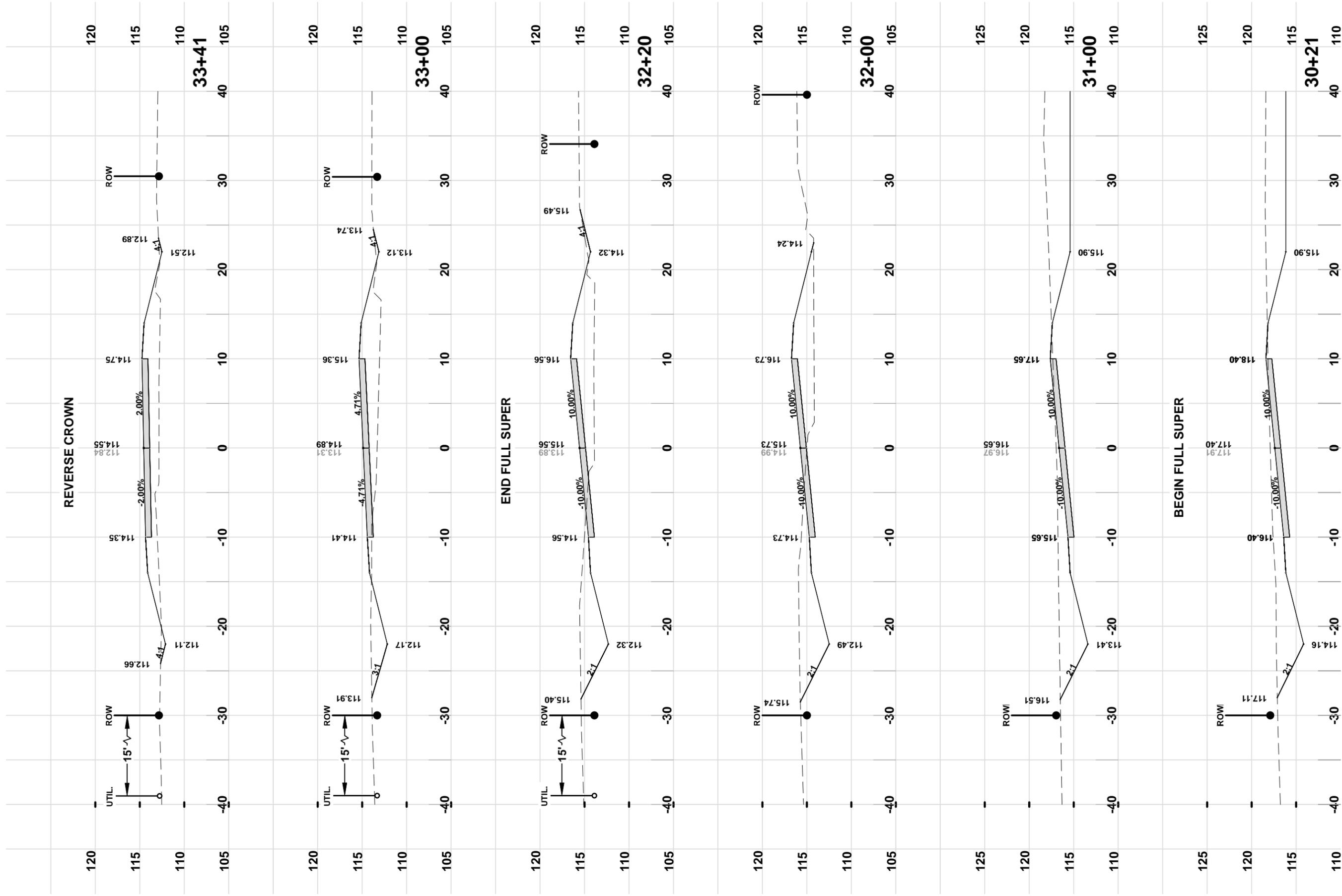
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CROSS SECTIONS
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 COLUMBIA COUNTY, FLORIDA



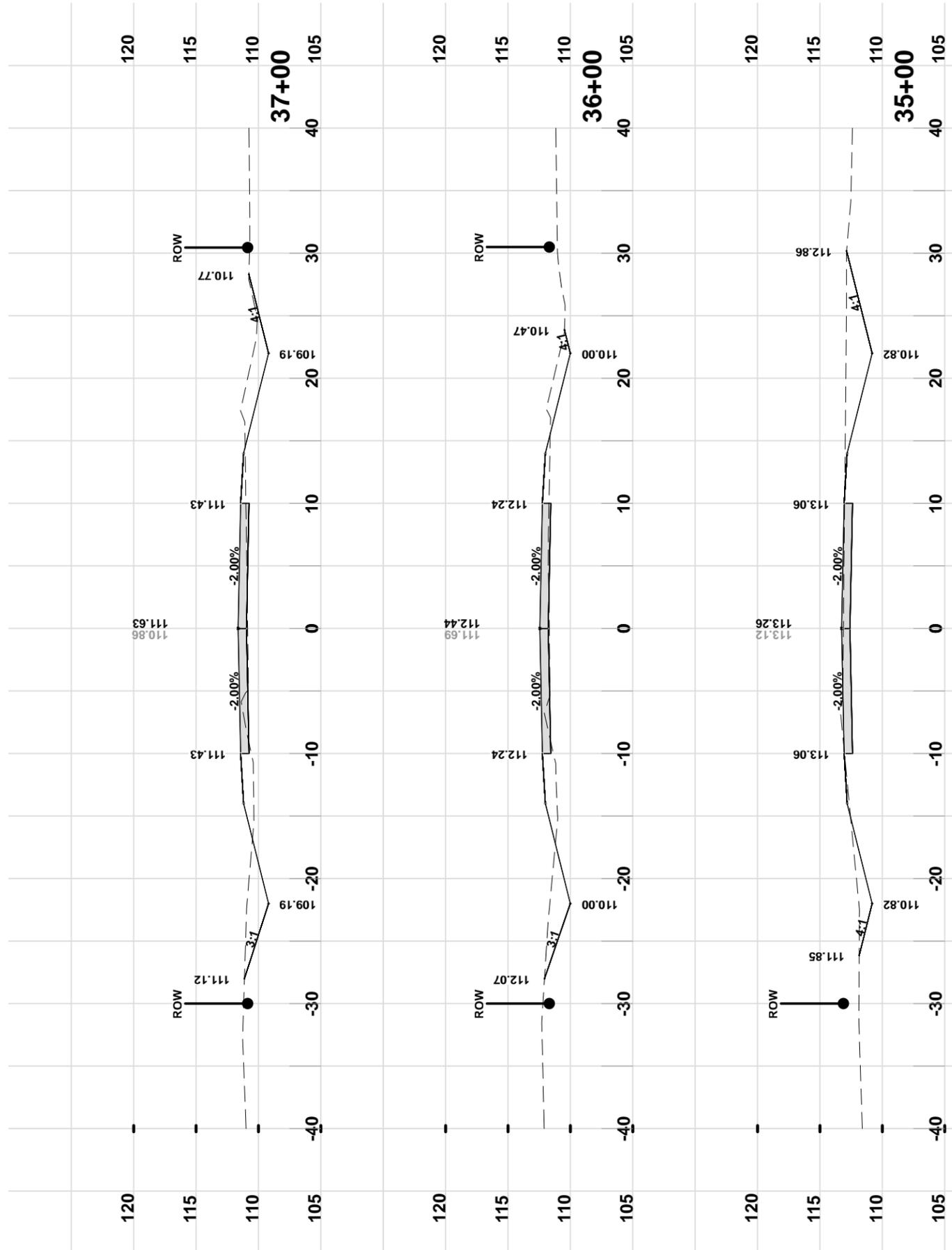


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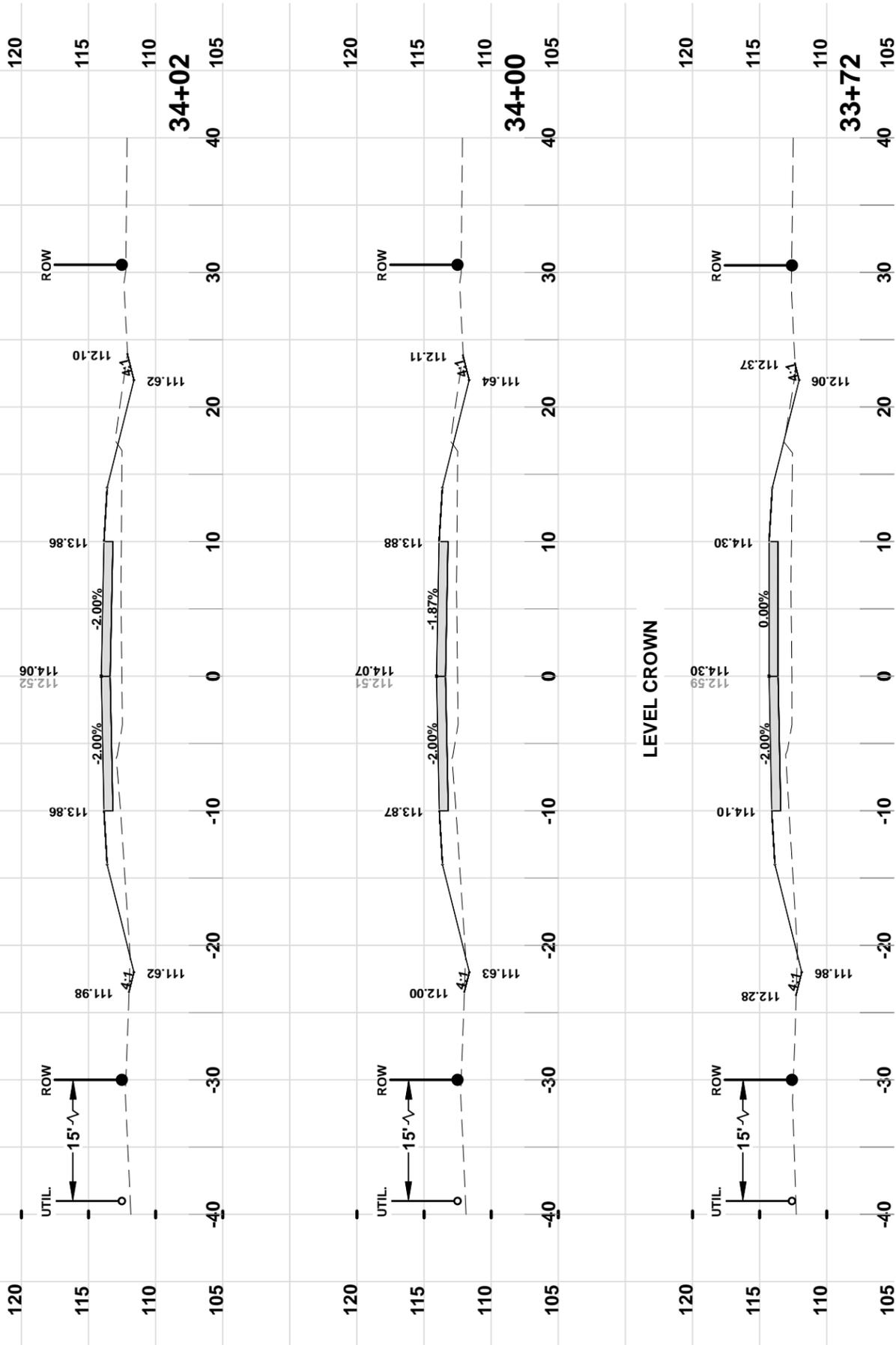
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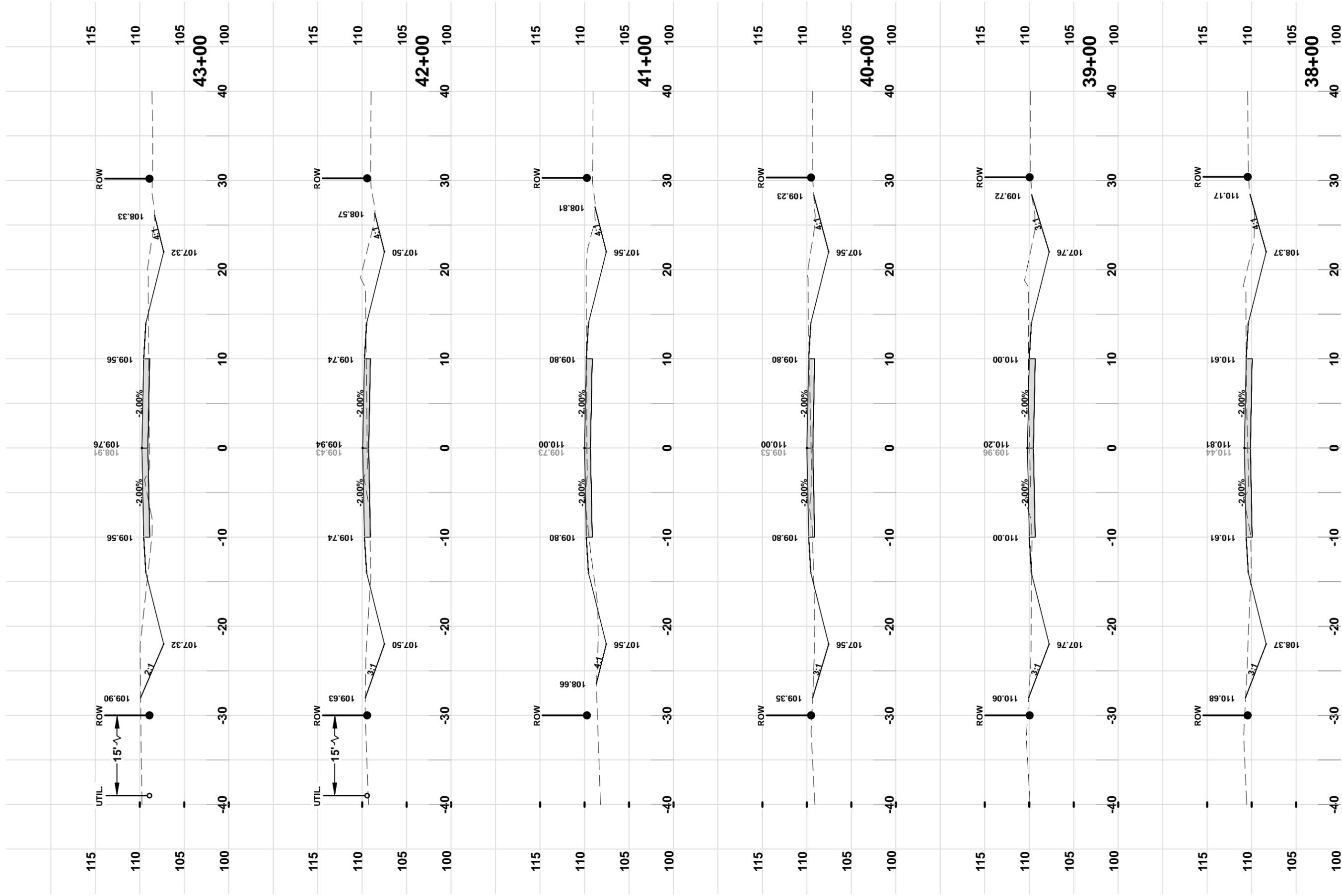


LEVEL CROWN

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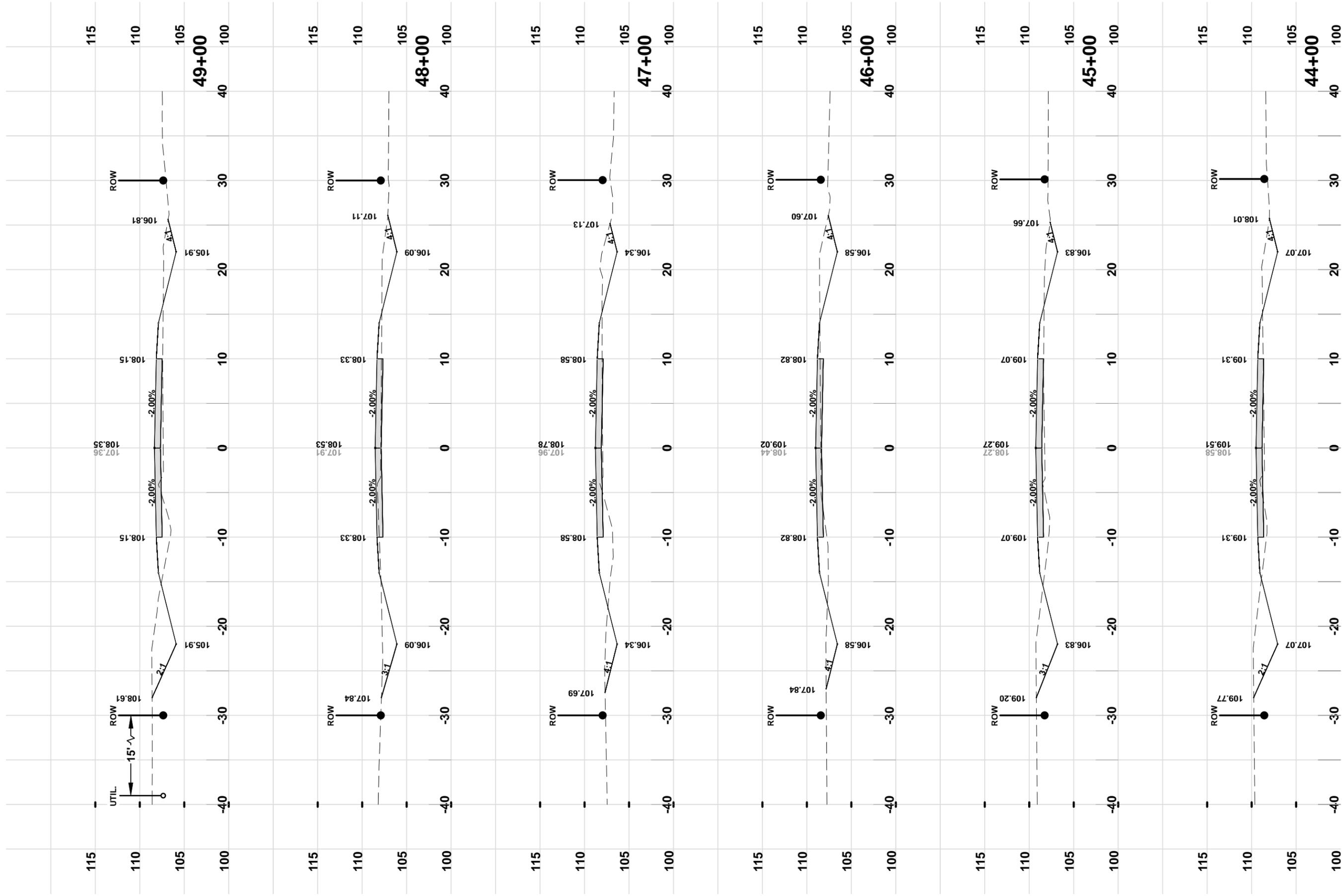
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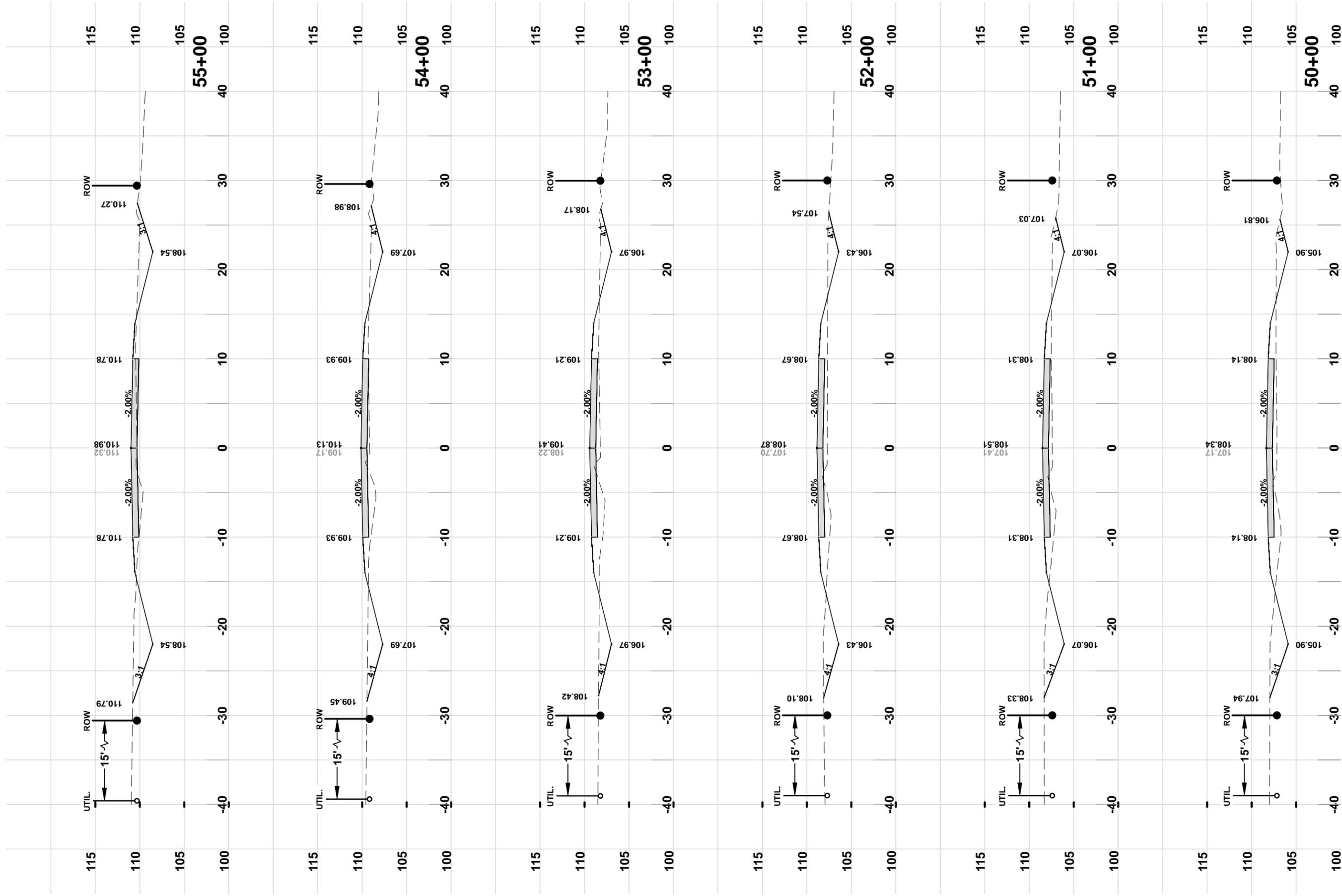


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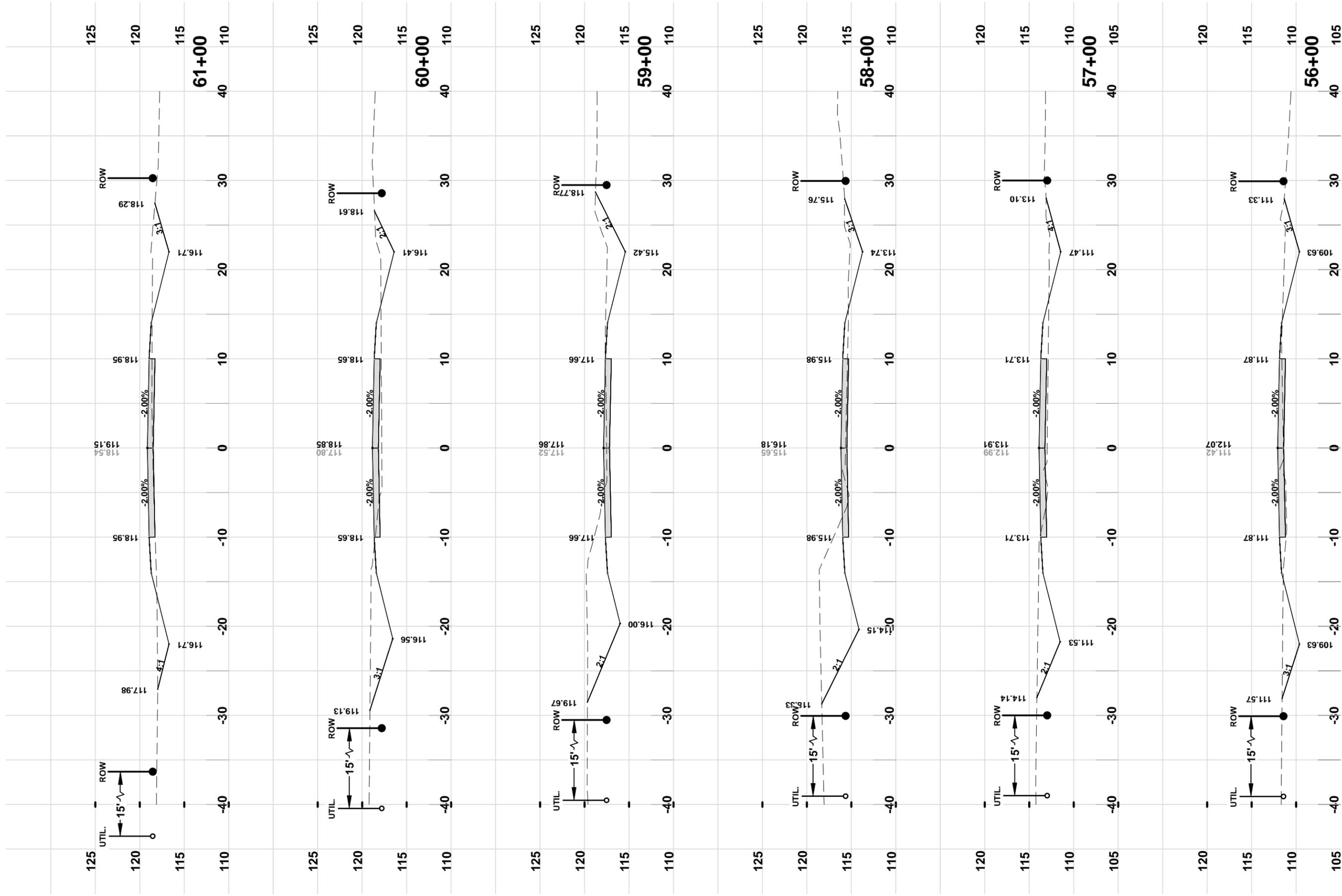




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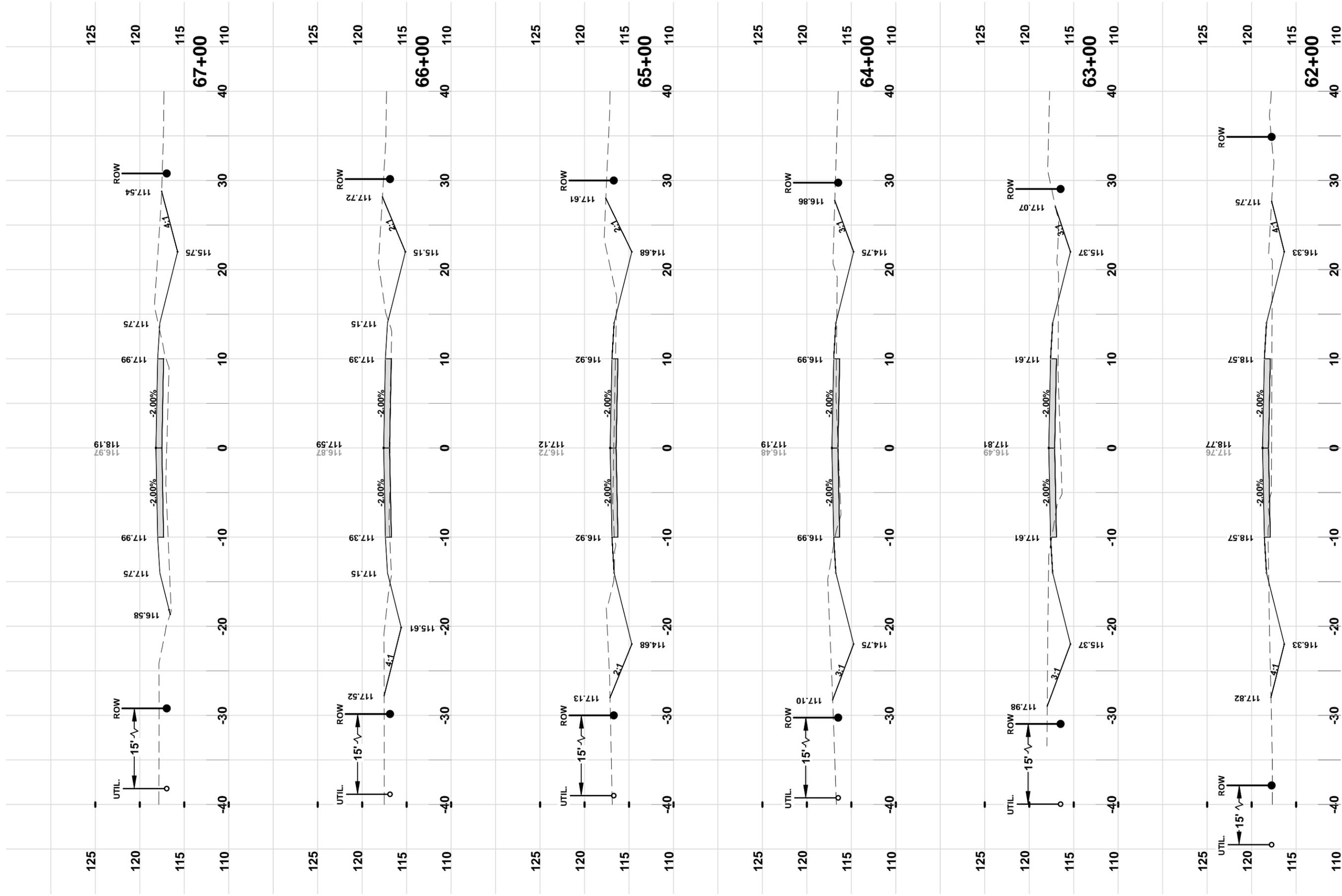


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 SW BRIM STREET
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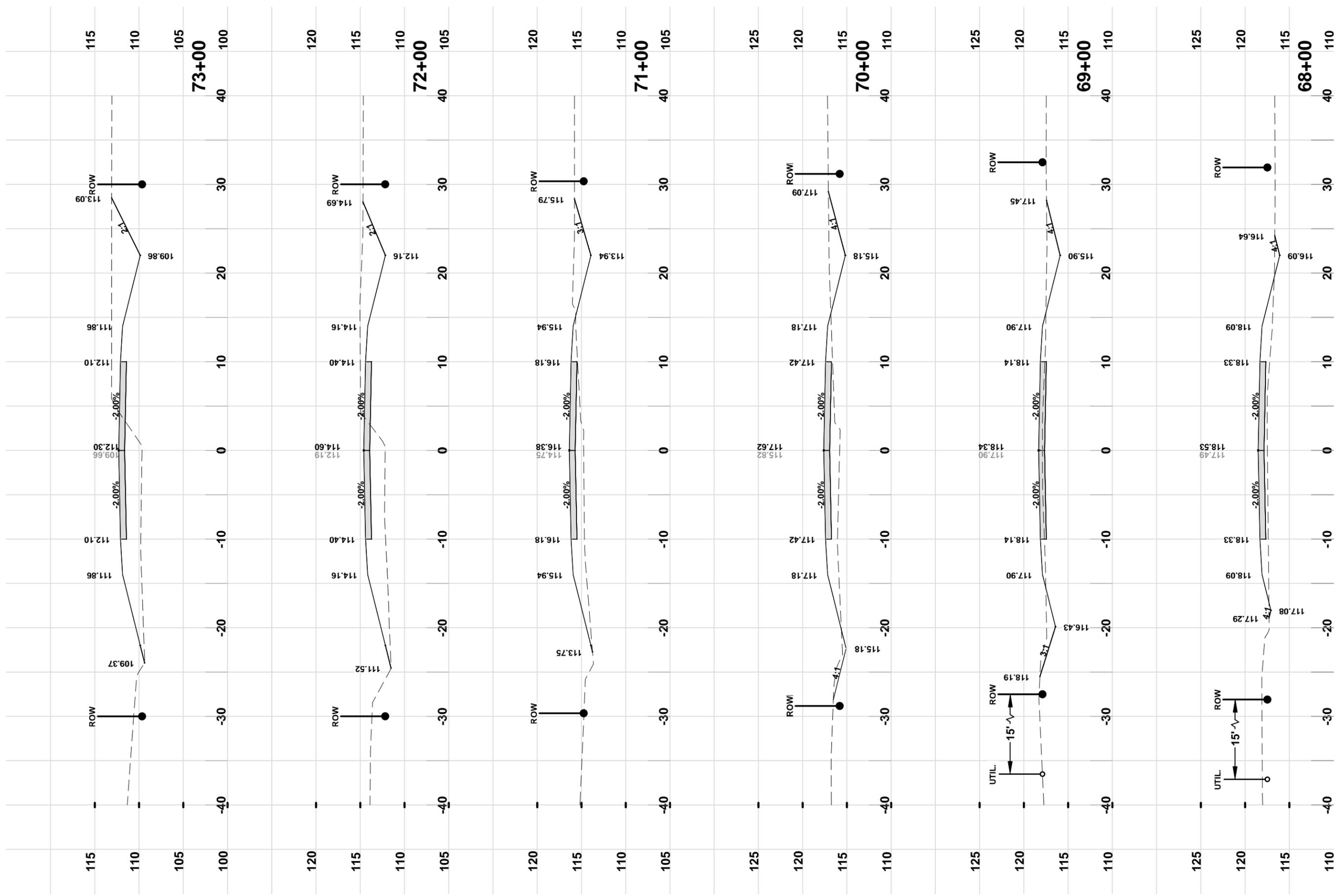
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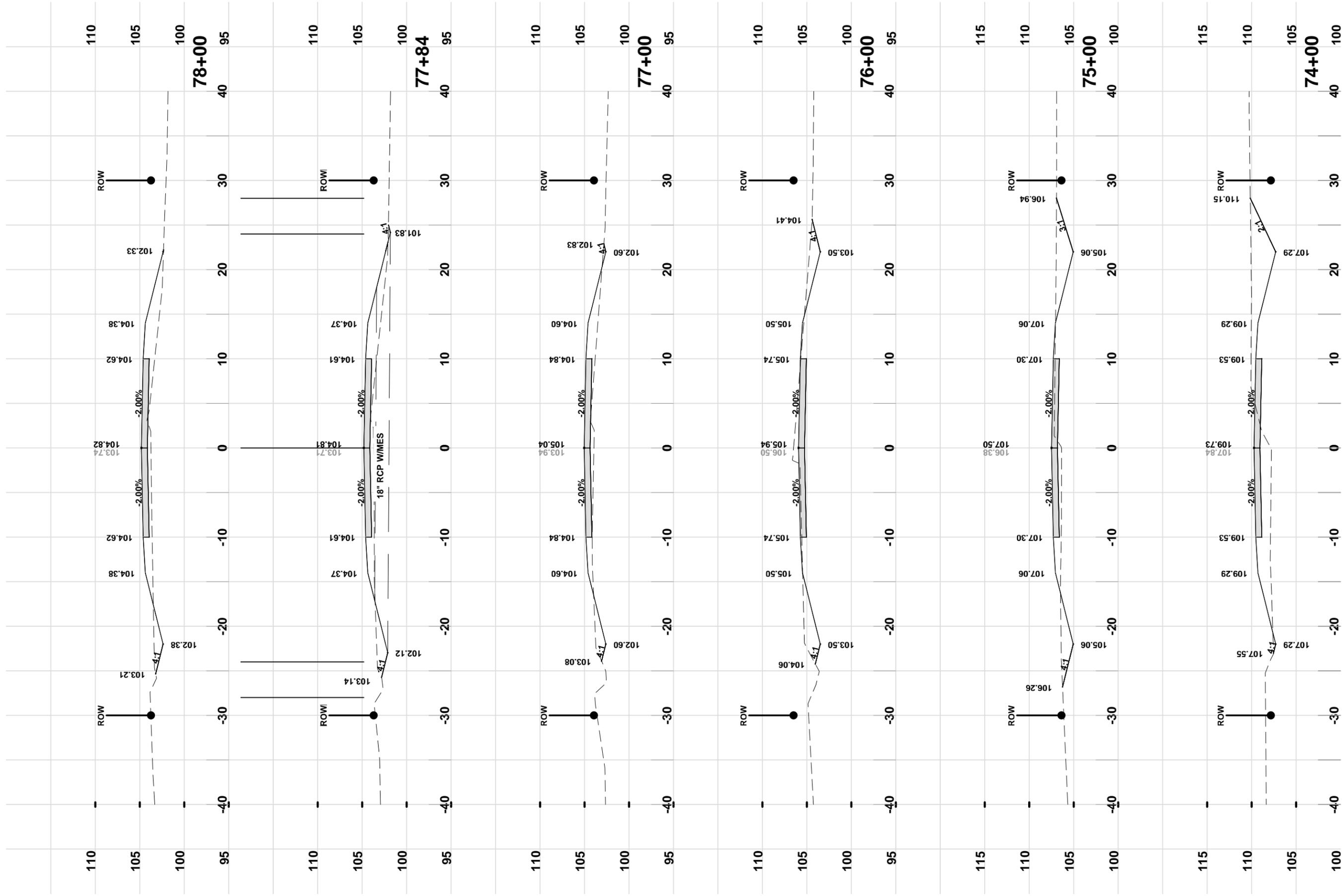
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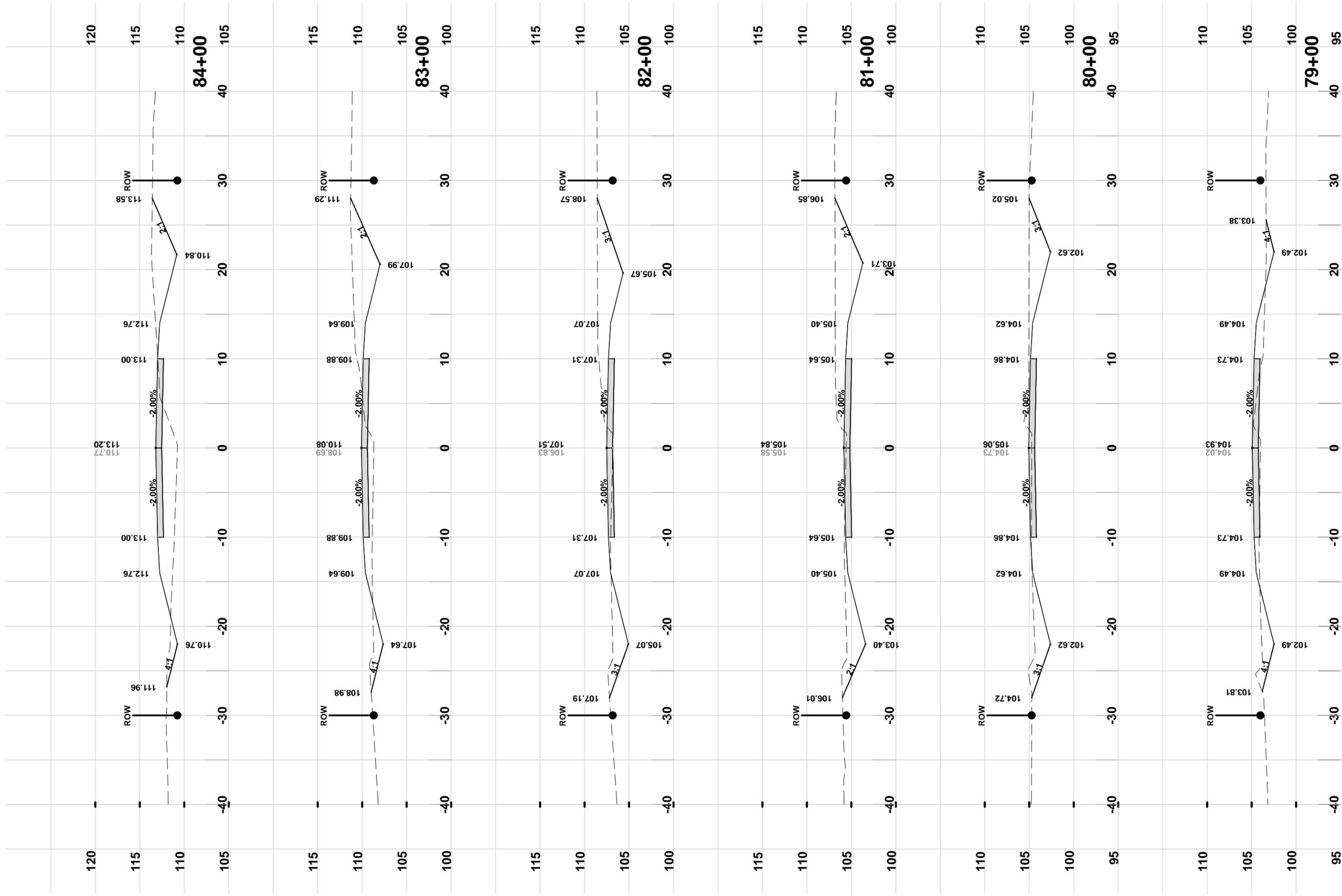


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DATE	BY	REVISION
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	GB	SIGNATURE & SEAL

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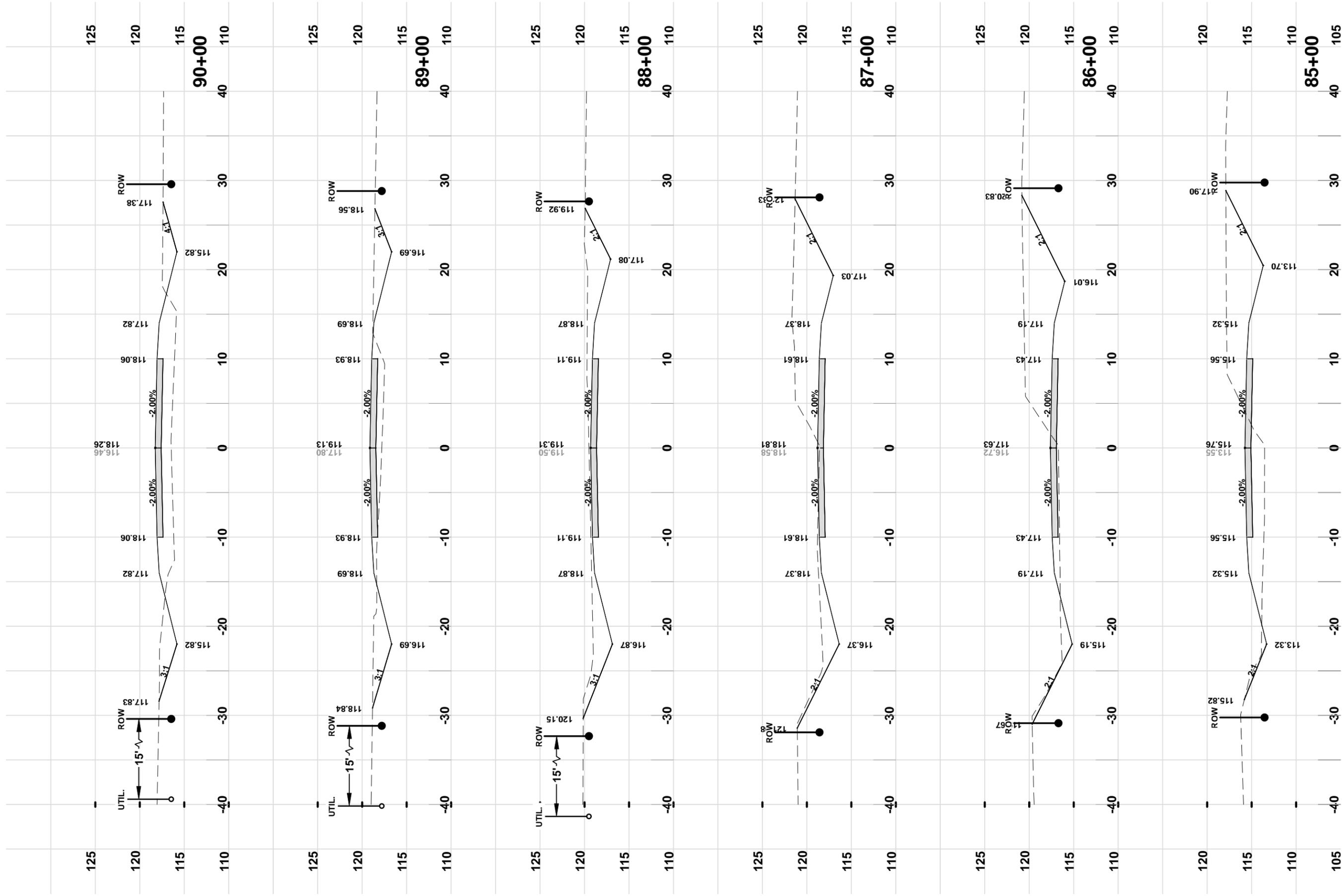
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CROSS SECTIONS
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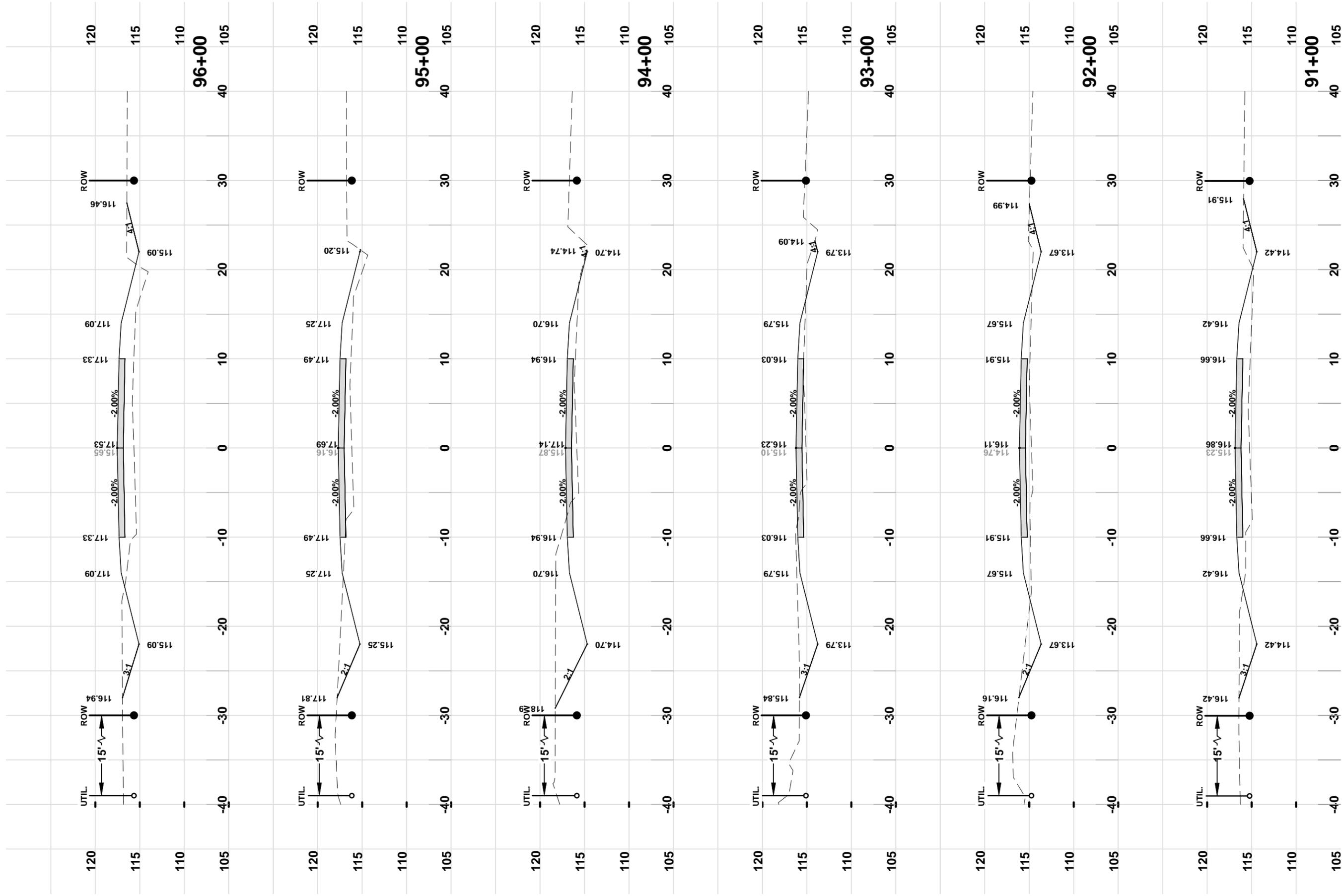
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 P.O. BOX 3823
 Lake City, FL 32025
 Ph. 877-335-1525
 Fax. 386-752-4674
 Eng. Lic. 29011

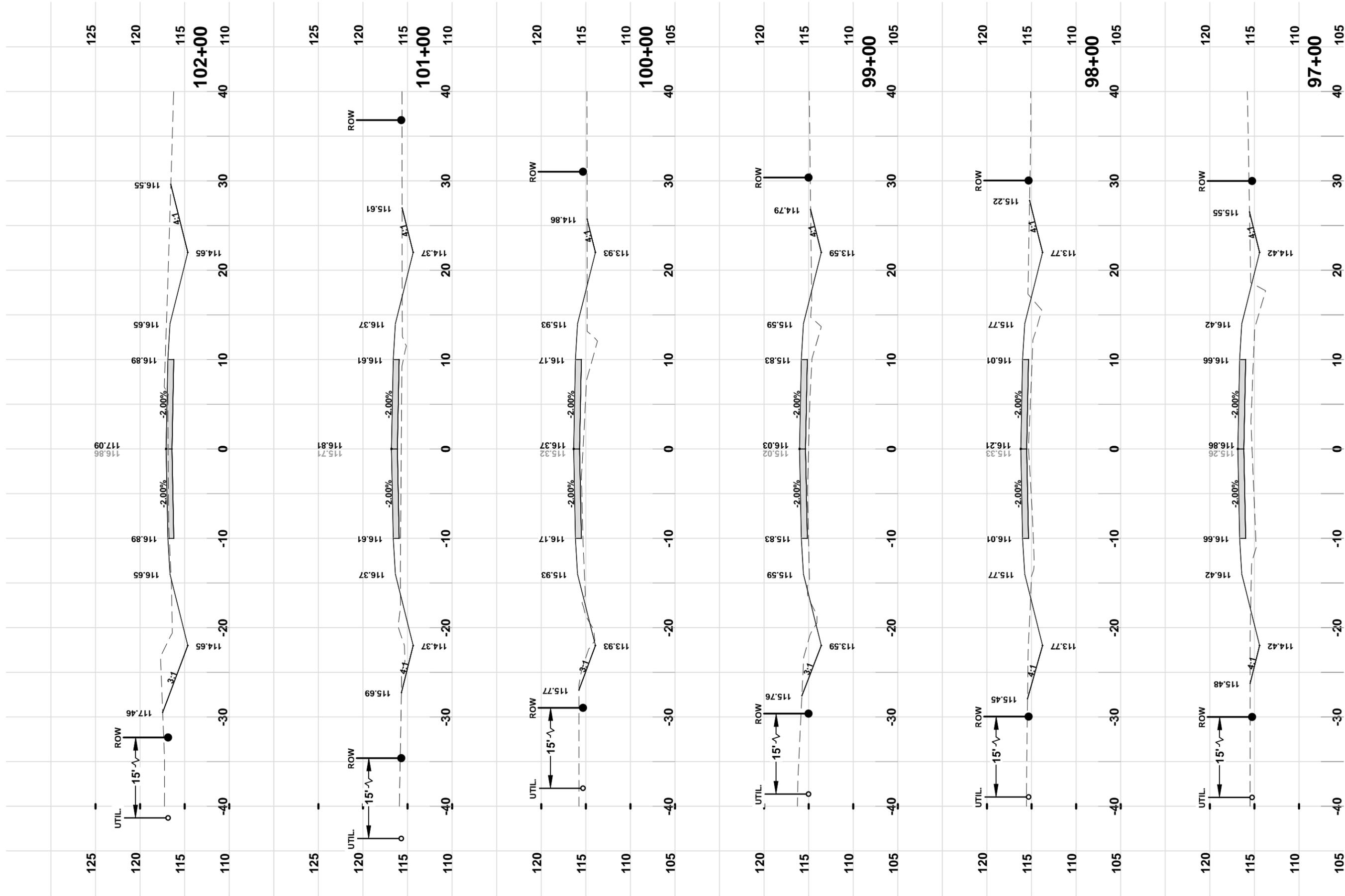


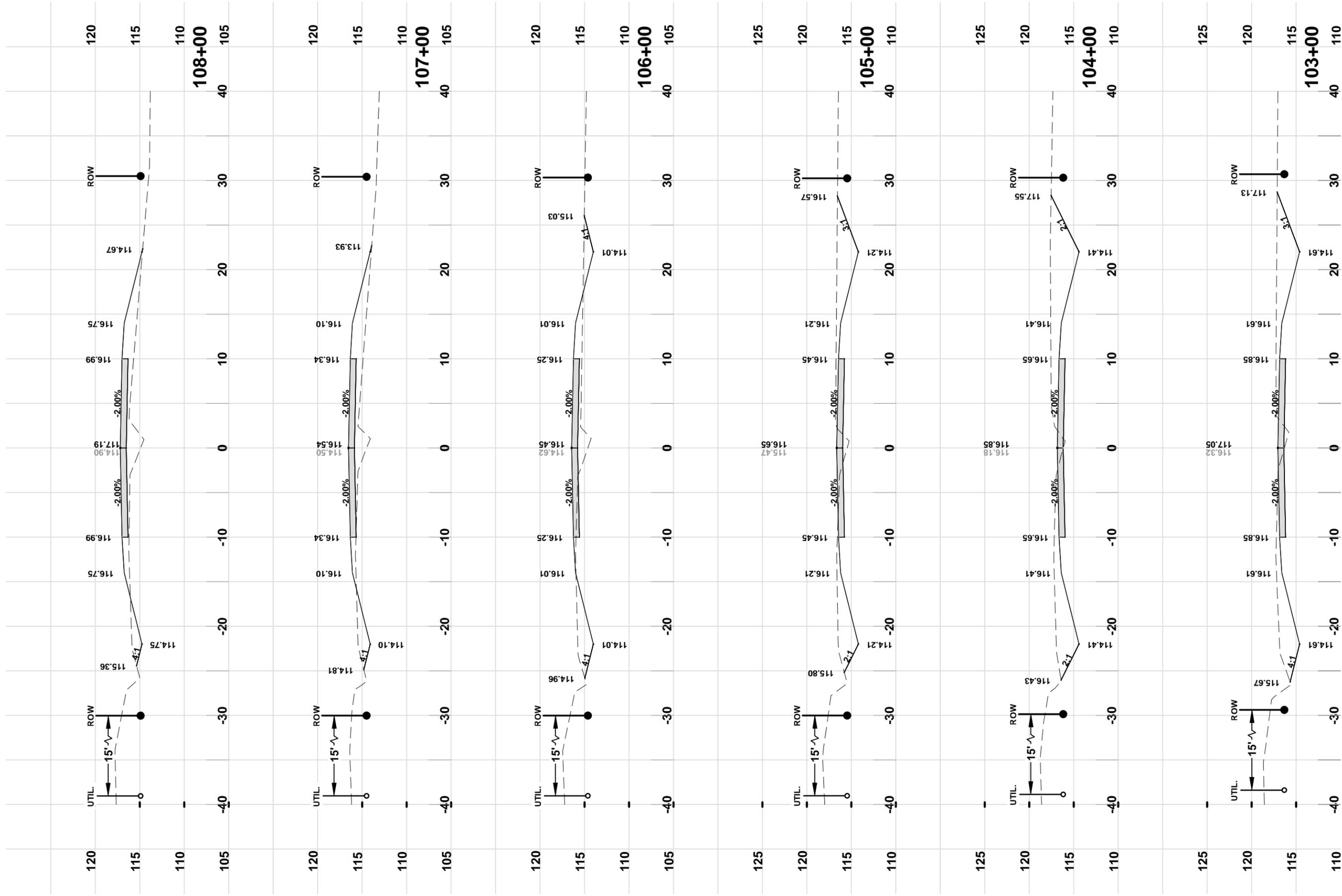
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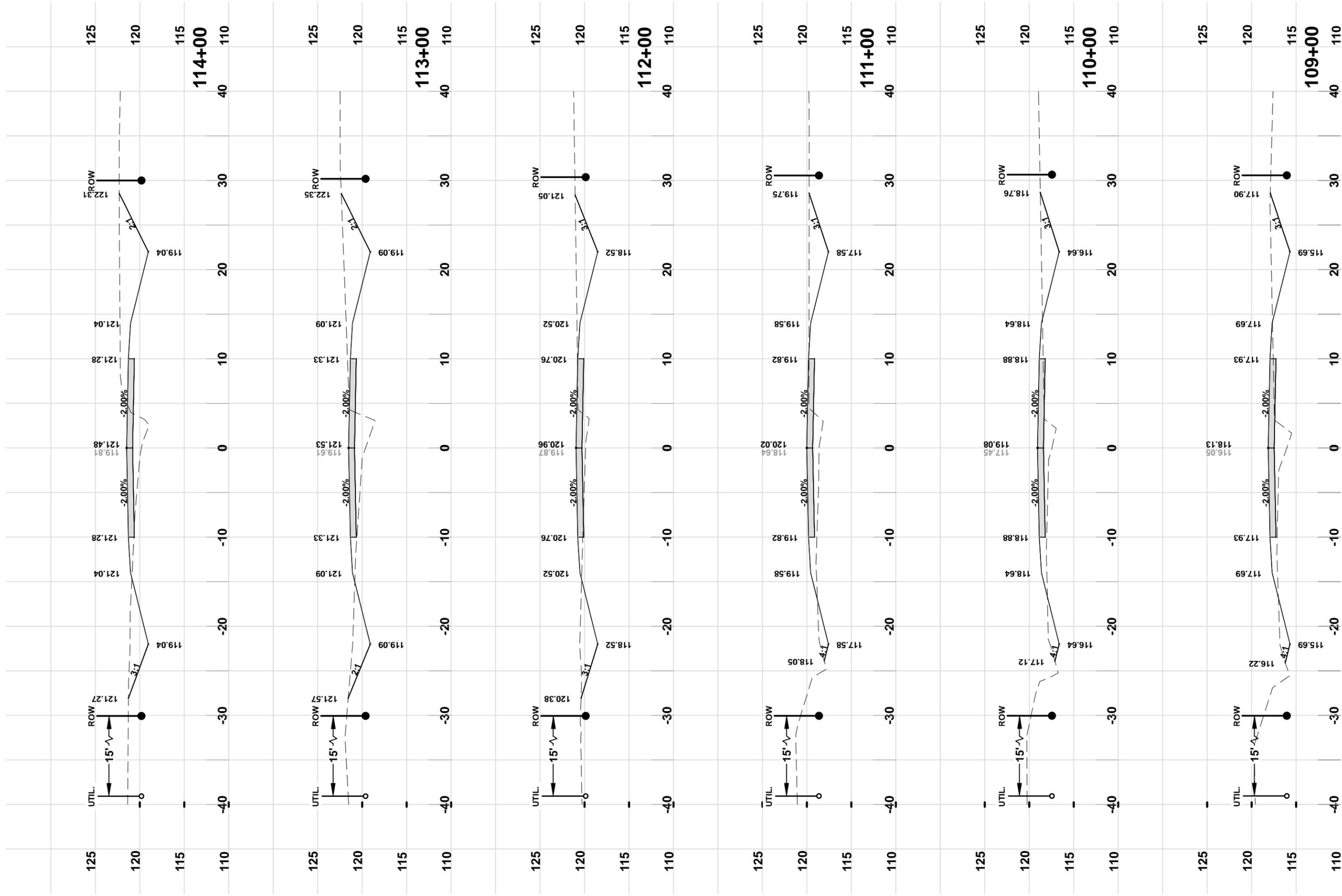


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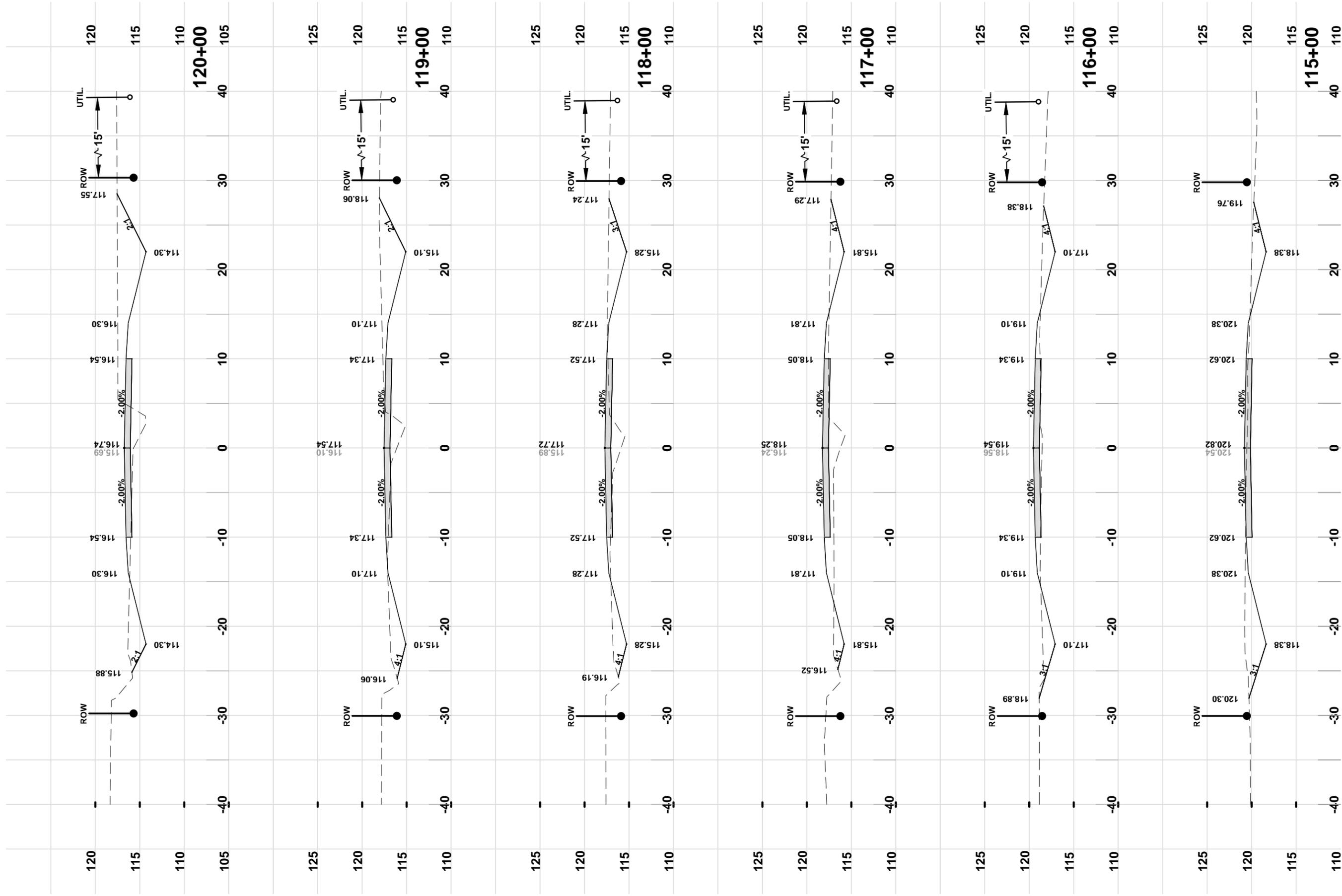
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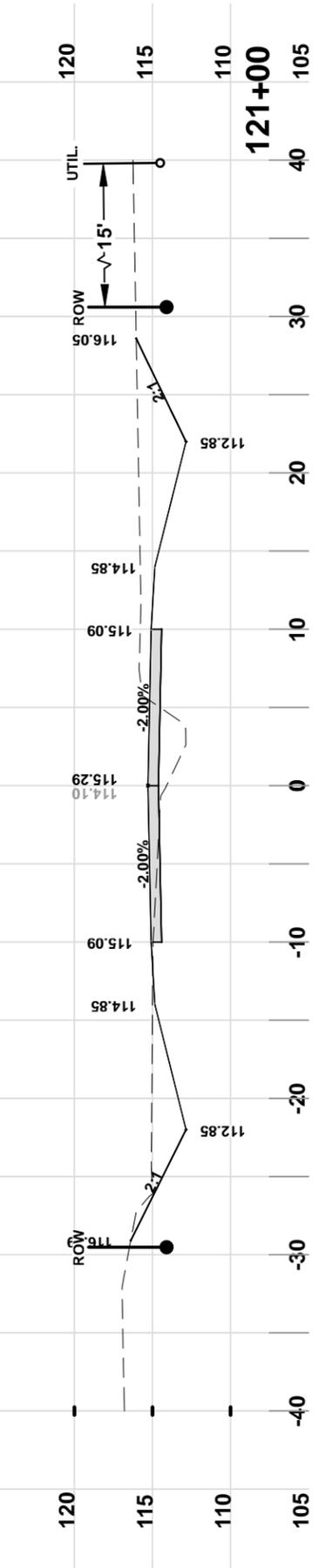
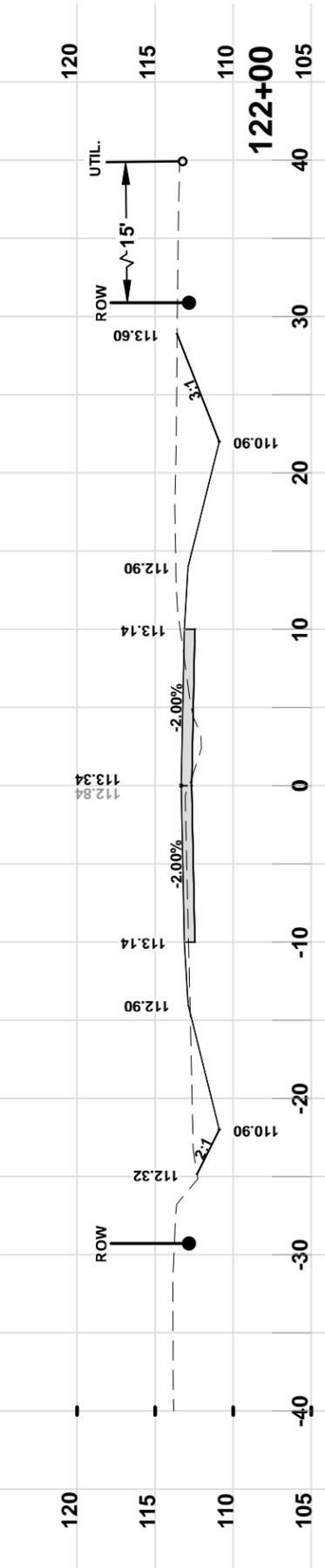
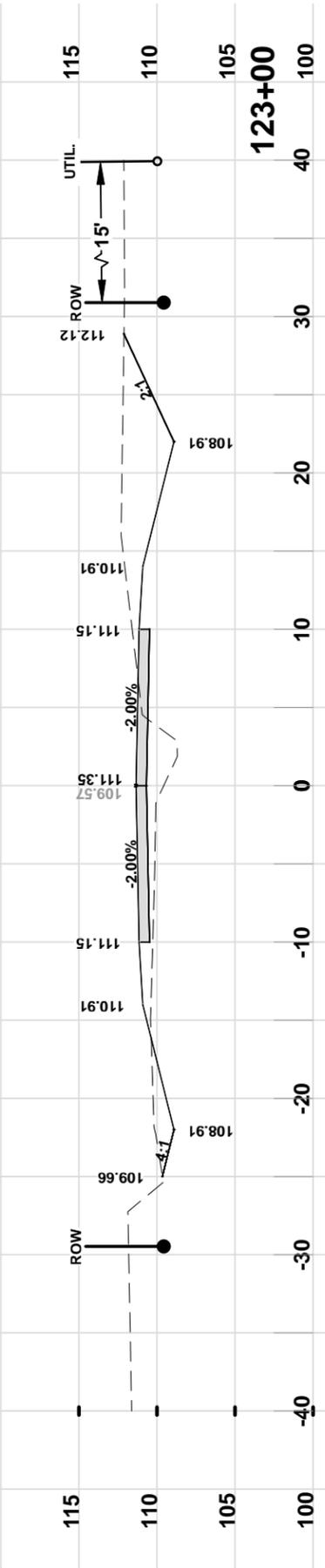
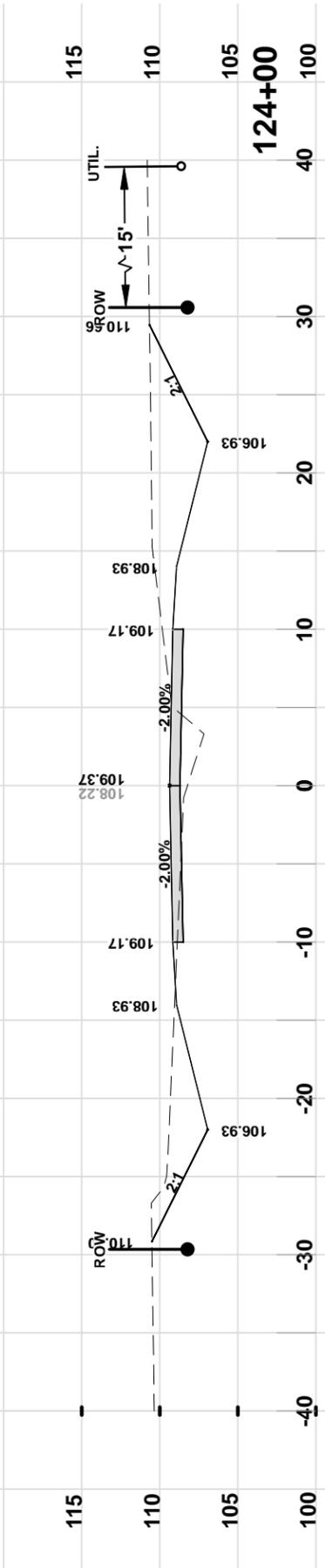
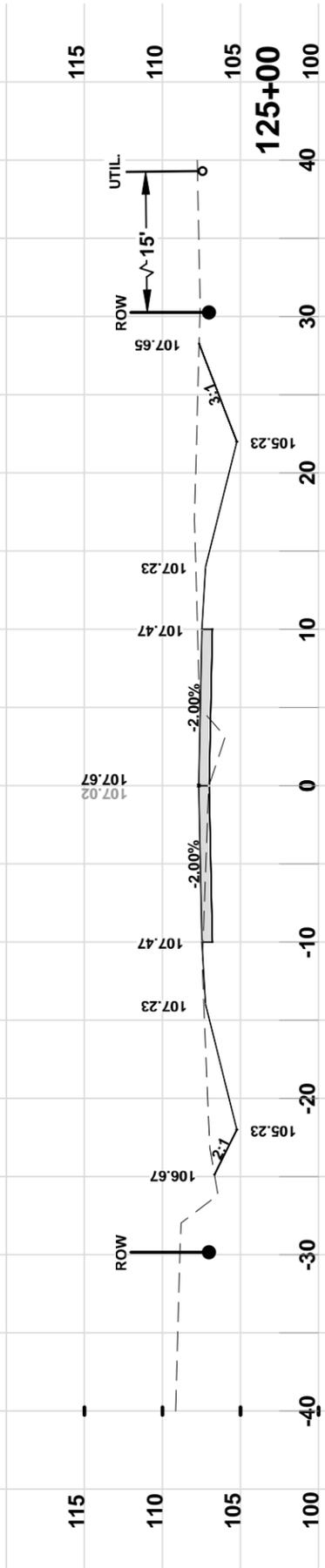
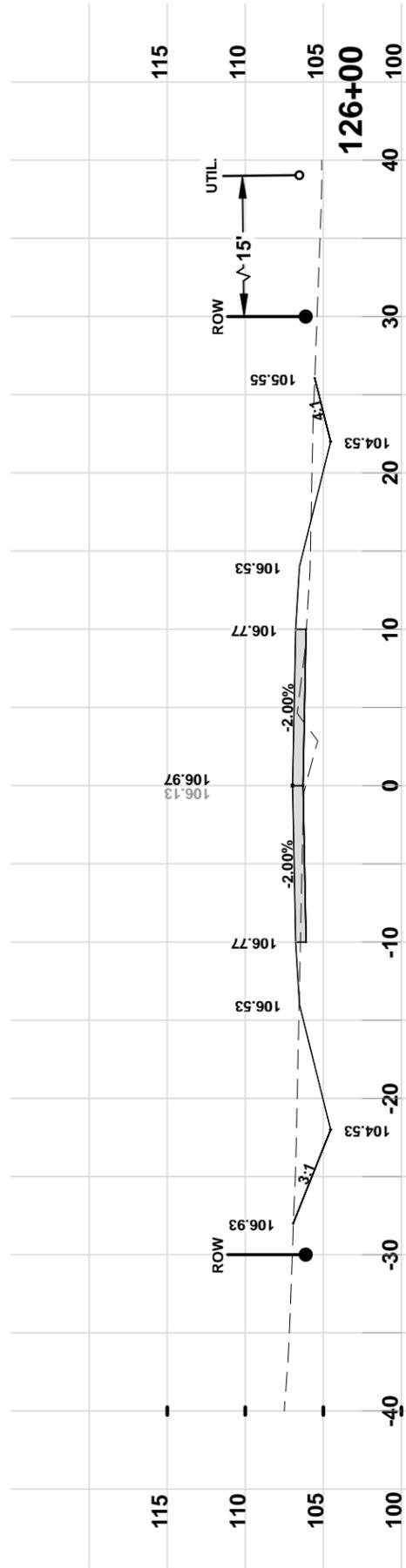


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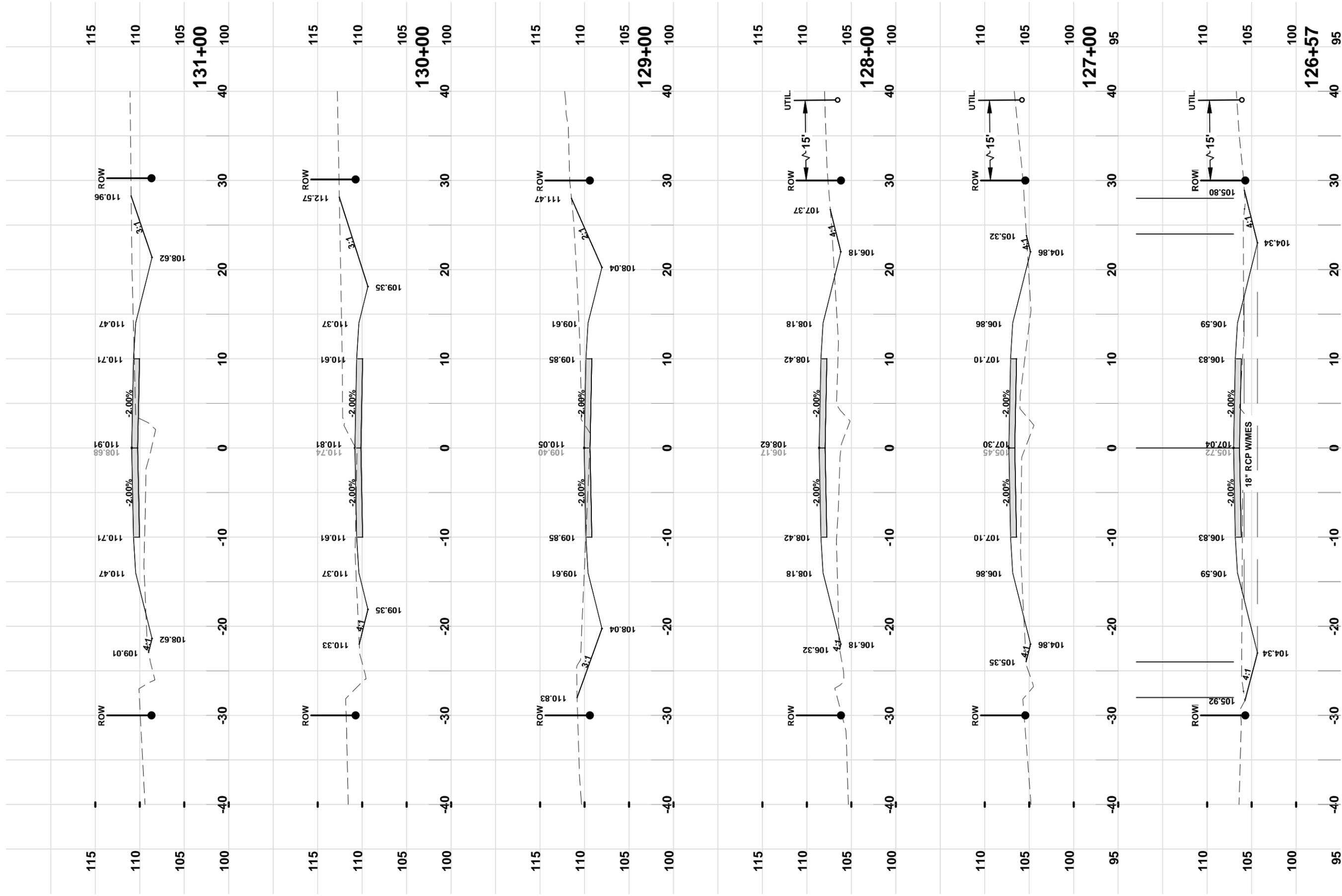
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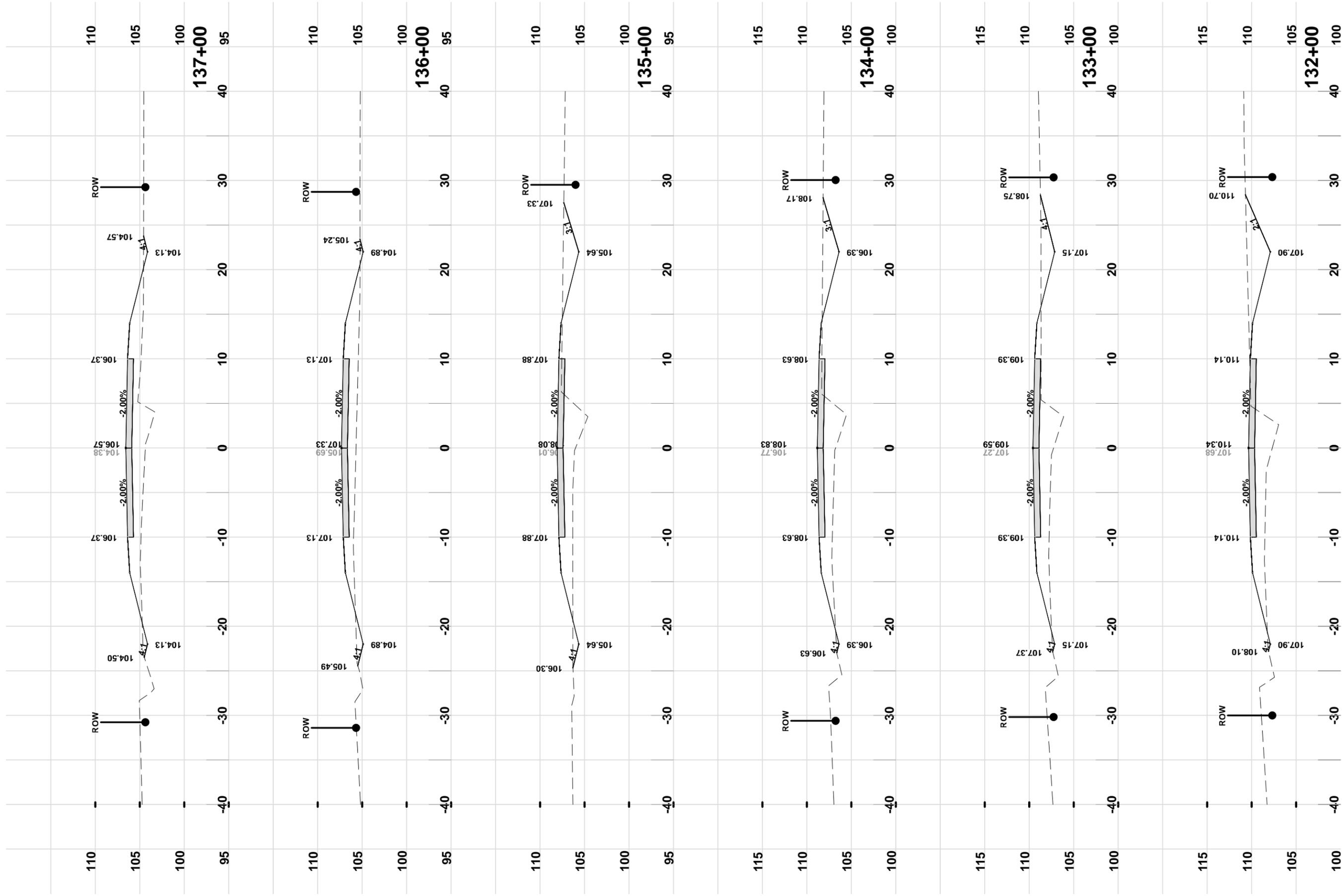
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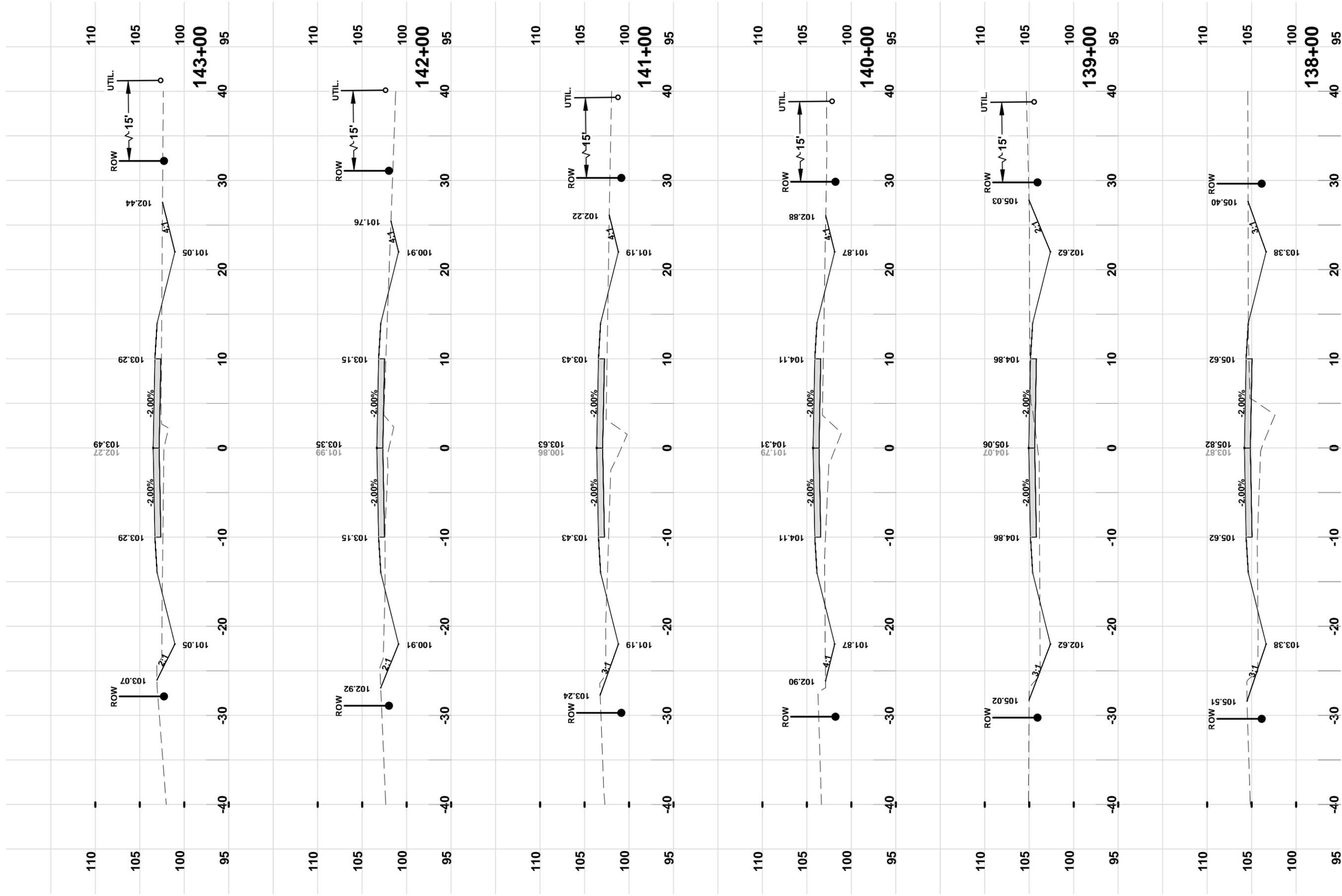


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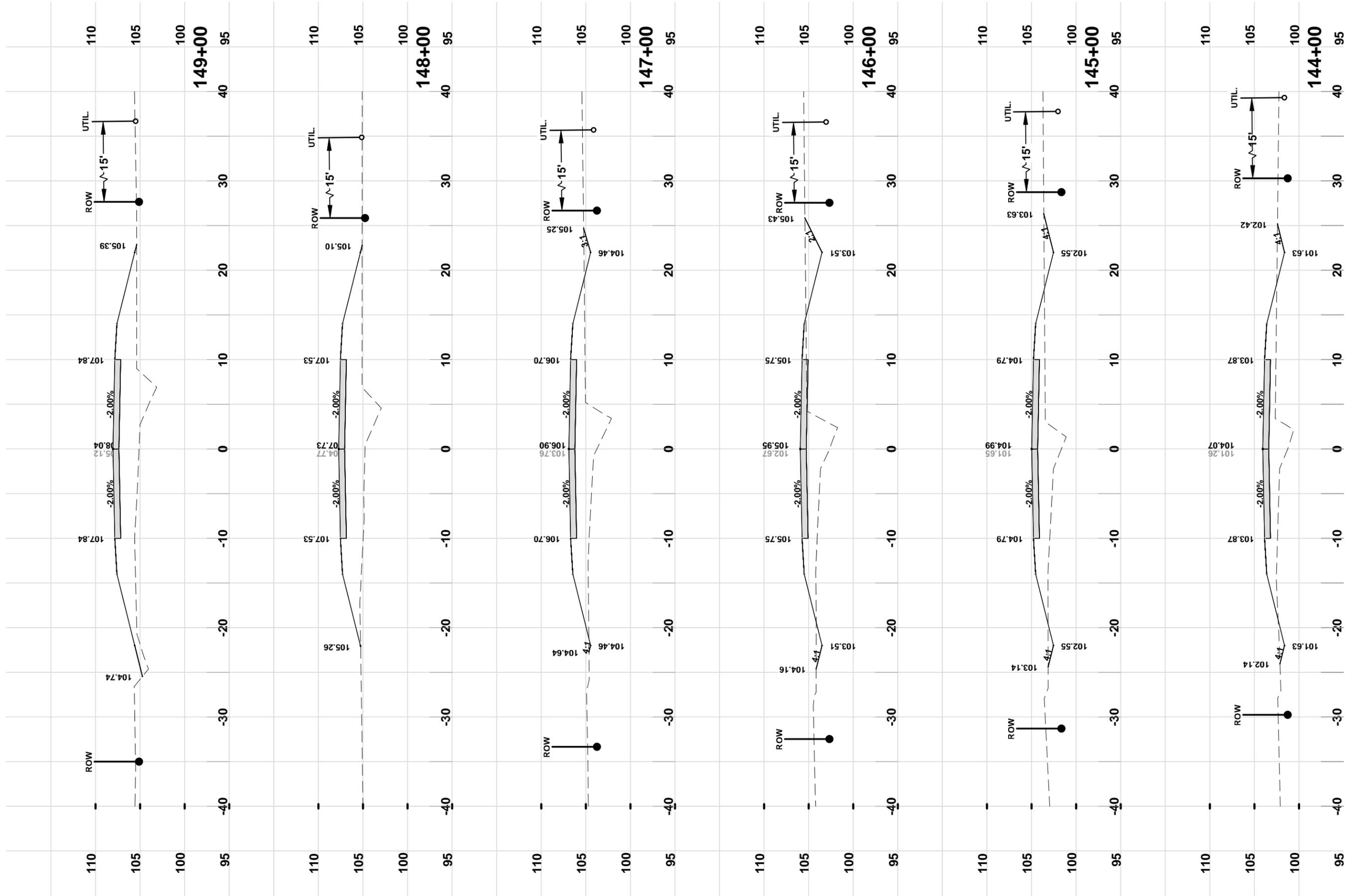
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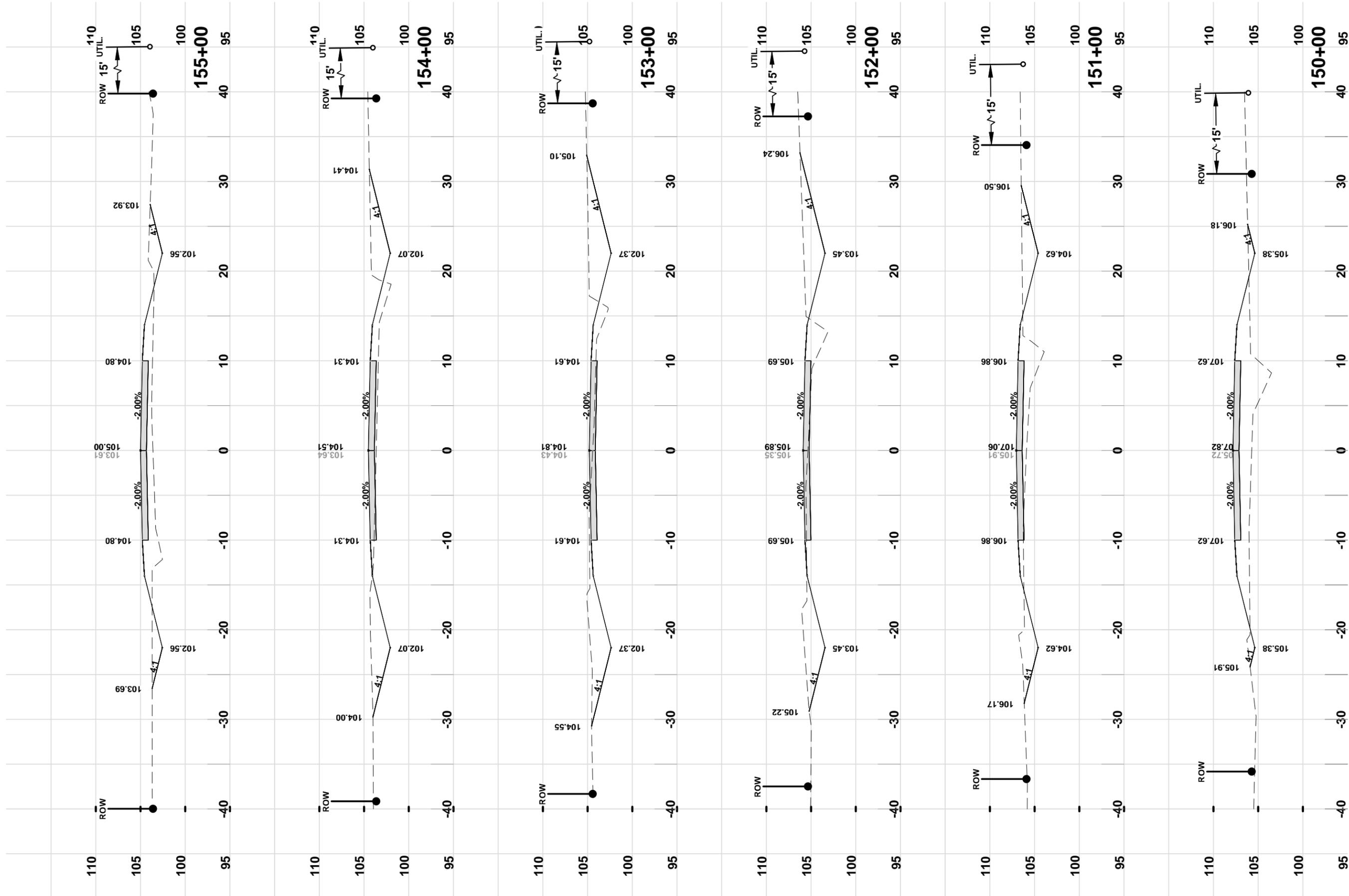
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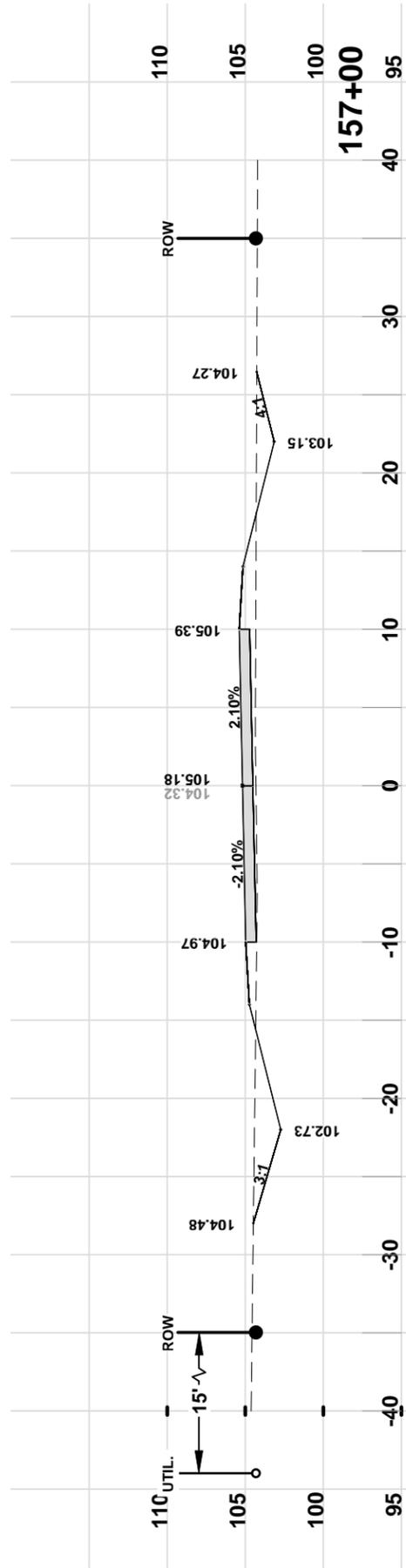
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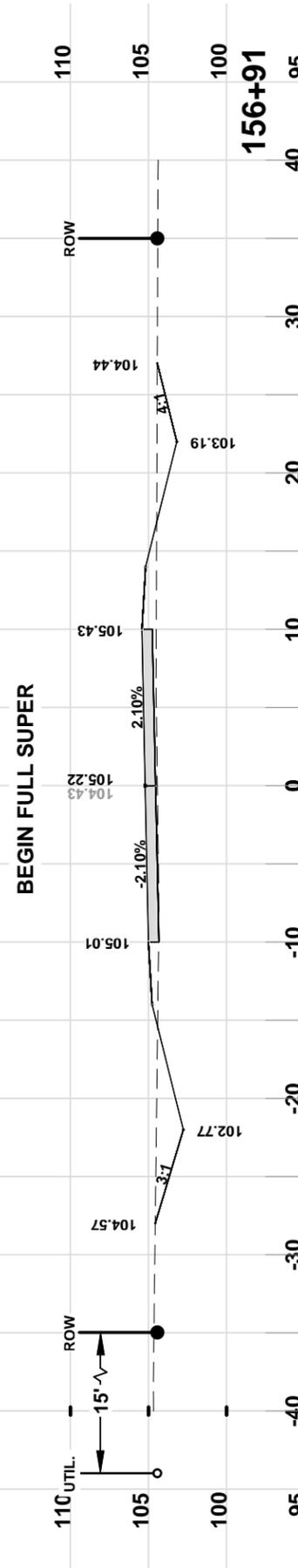
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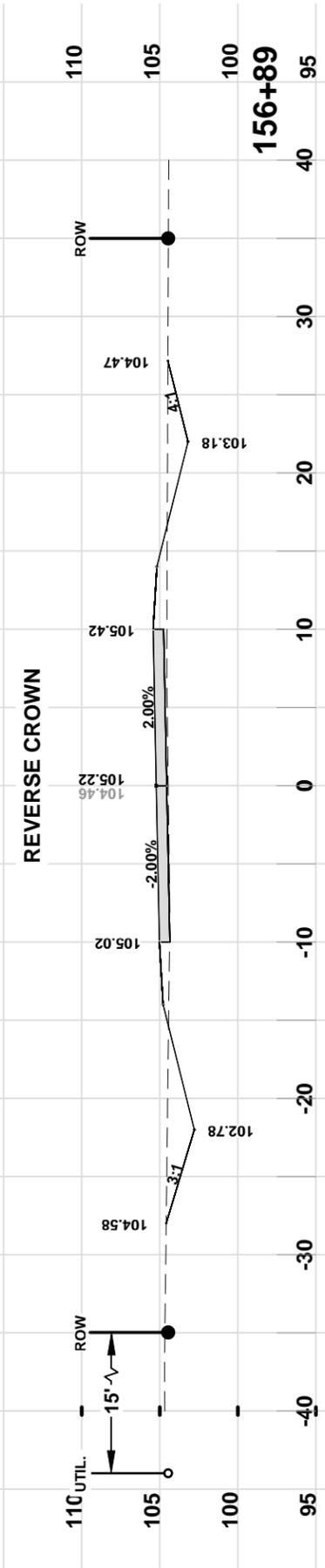
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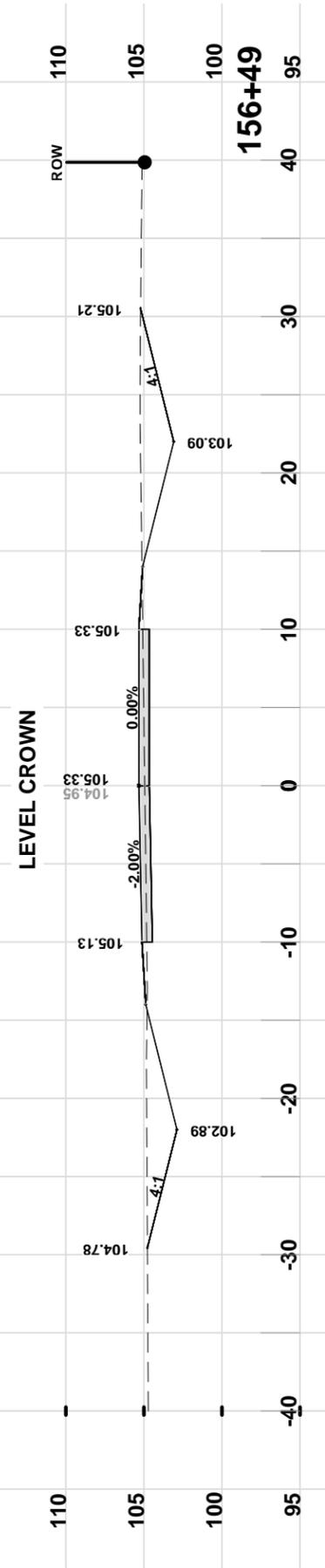
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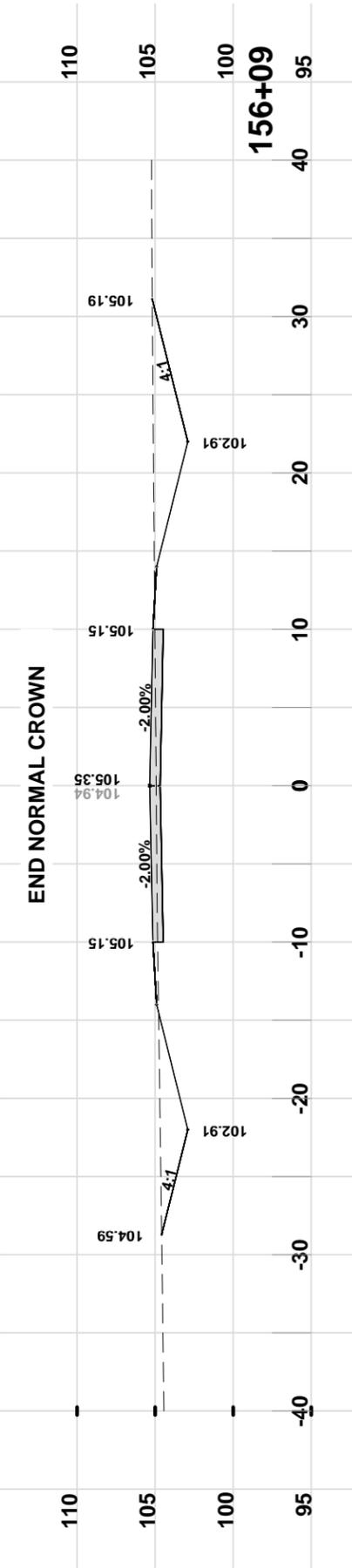
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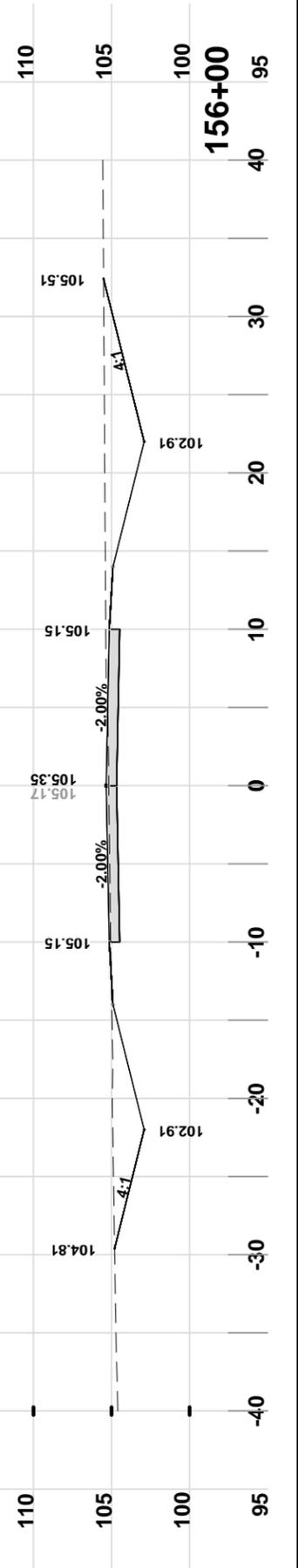
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156+49



156+09



156+00

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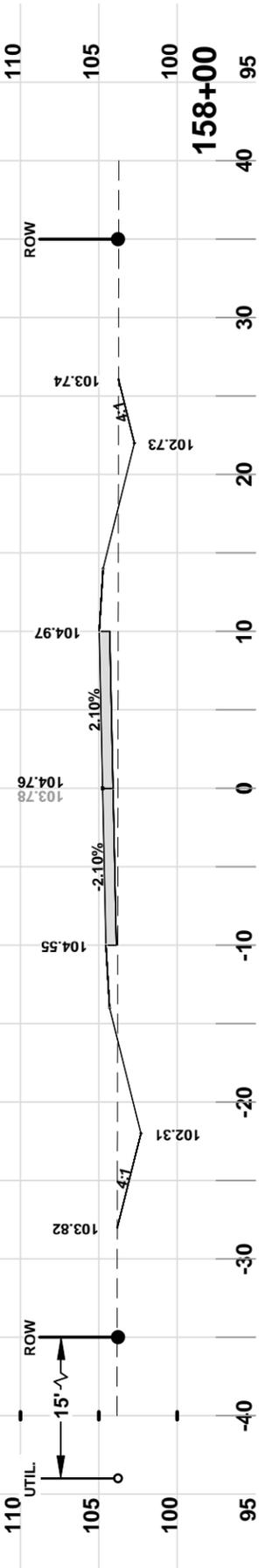
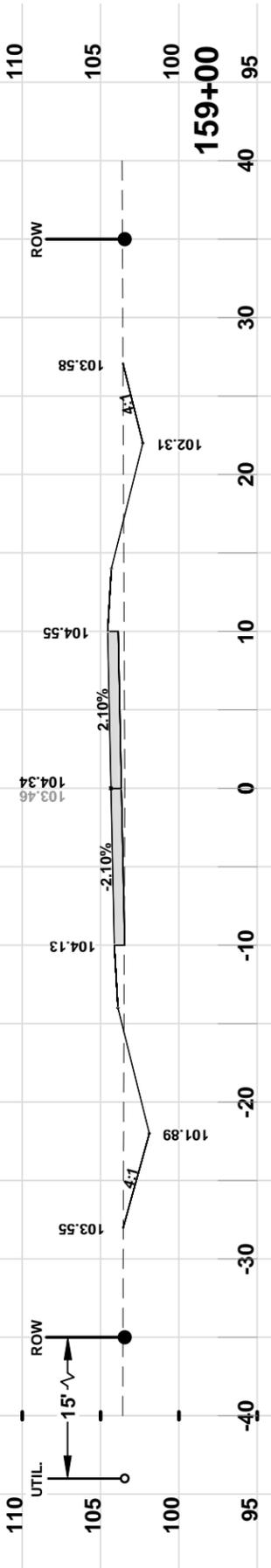
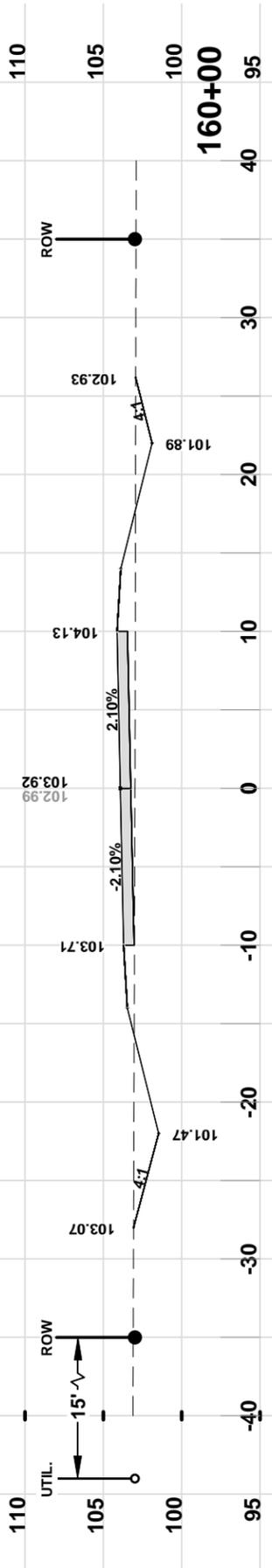
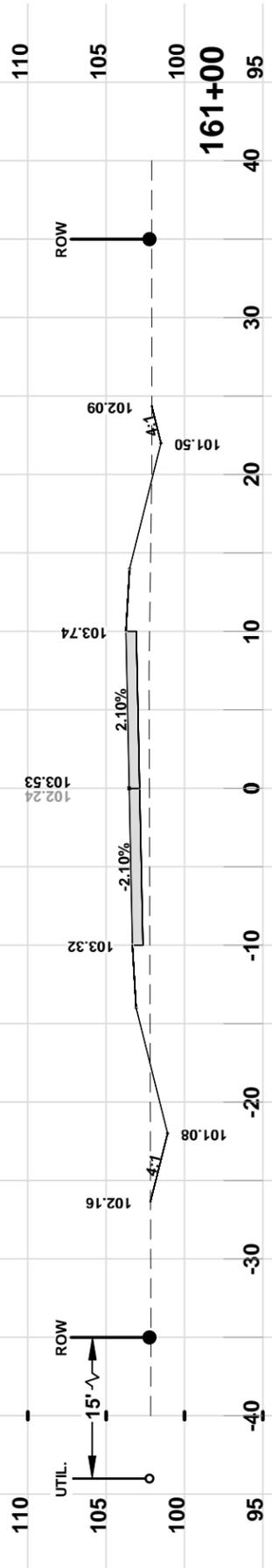
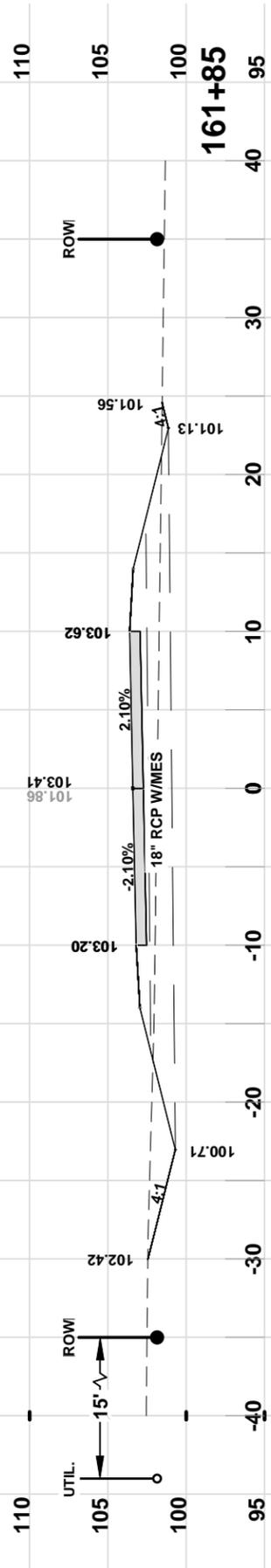
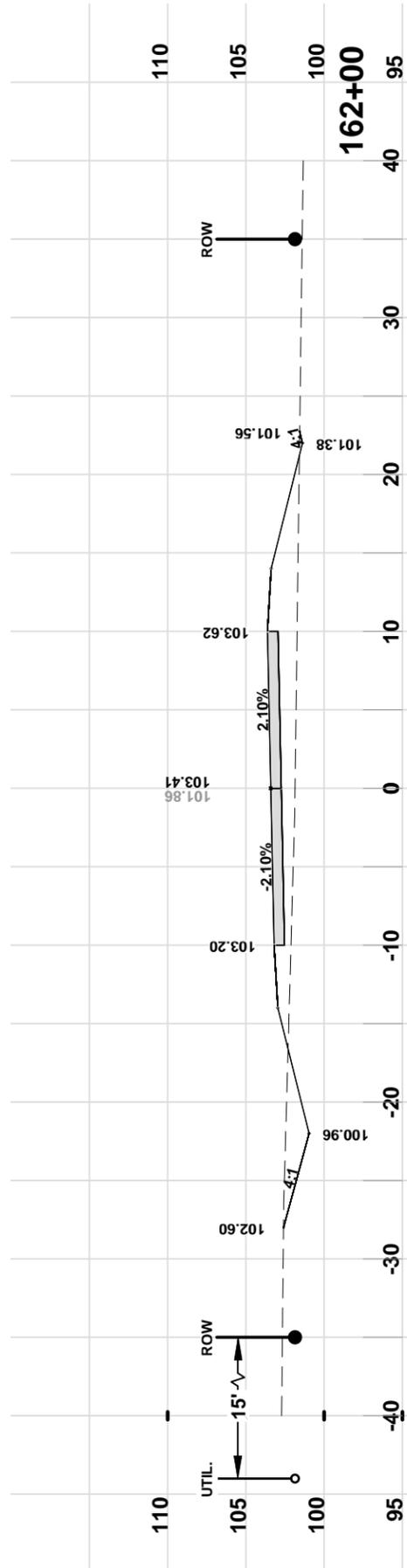
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 Ph. 877-335-1525
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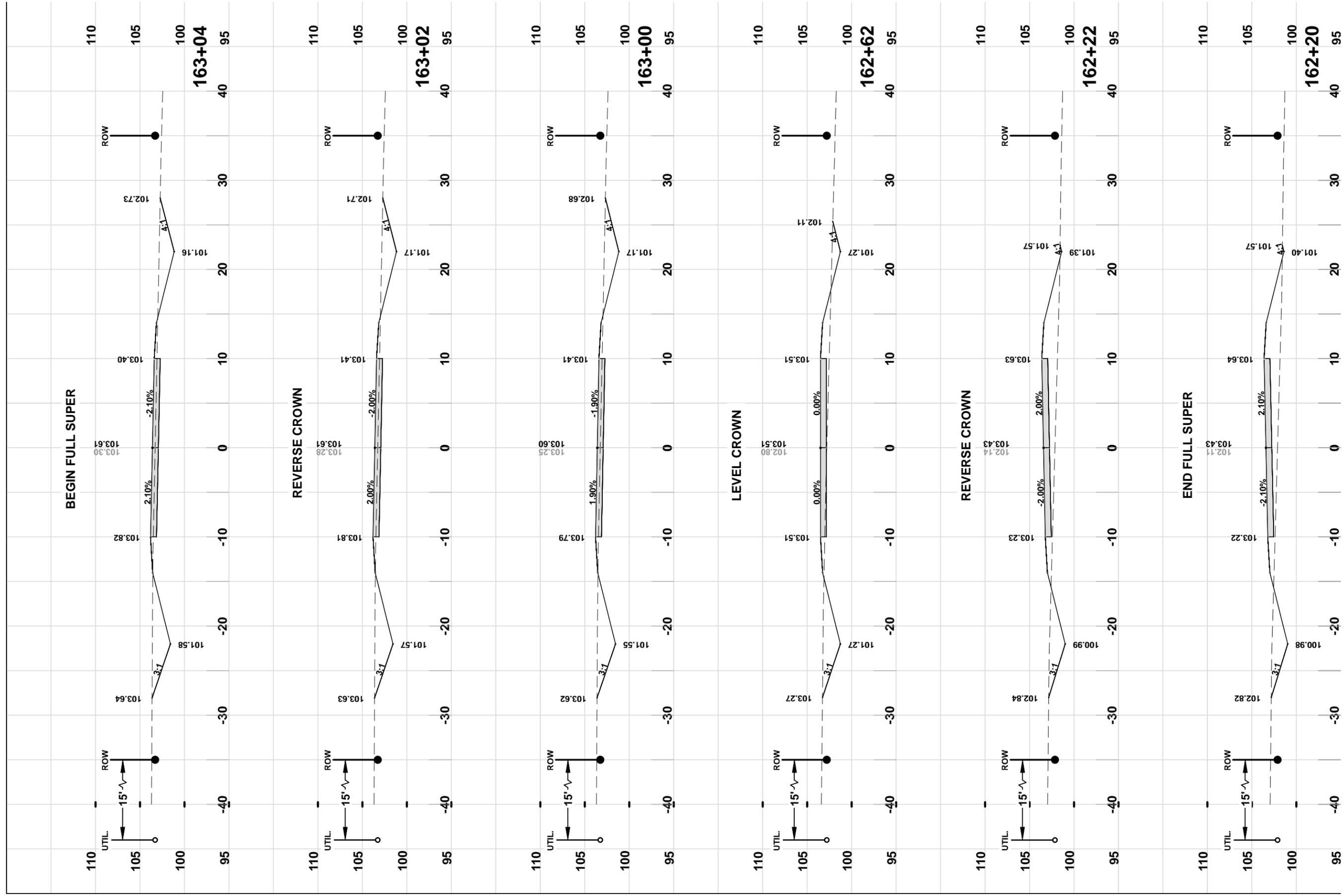


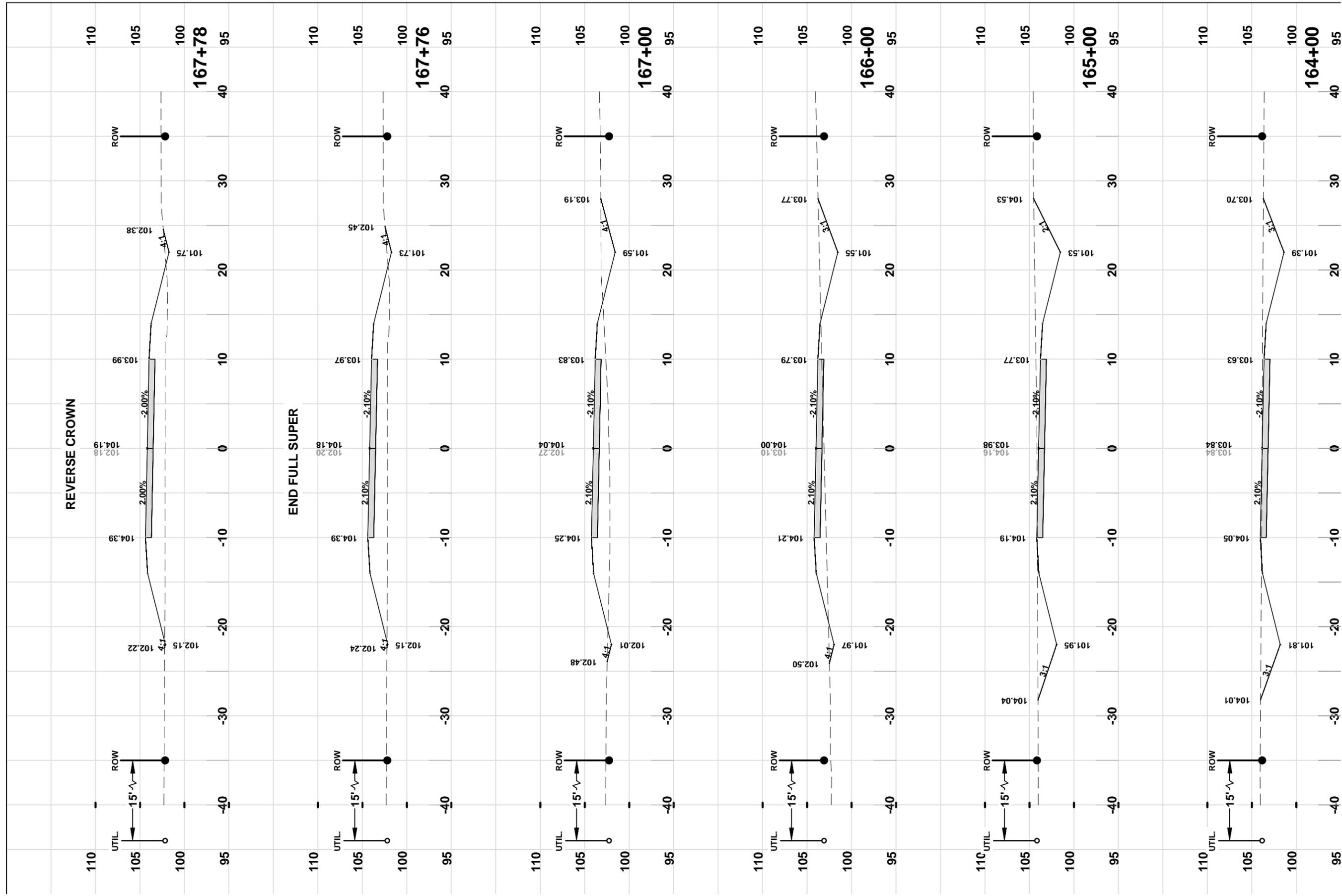
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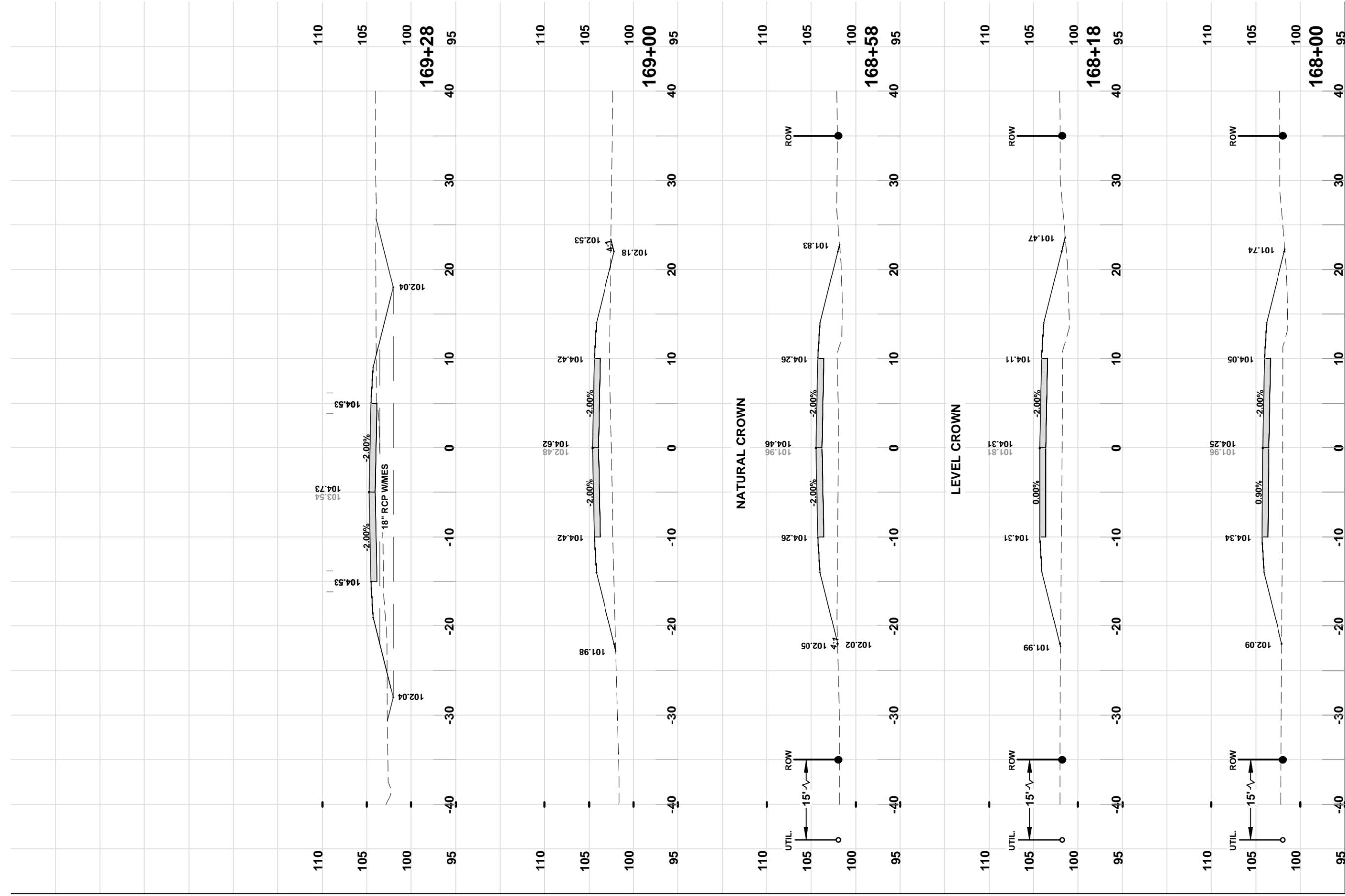


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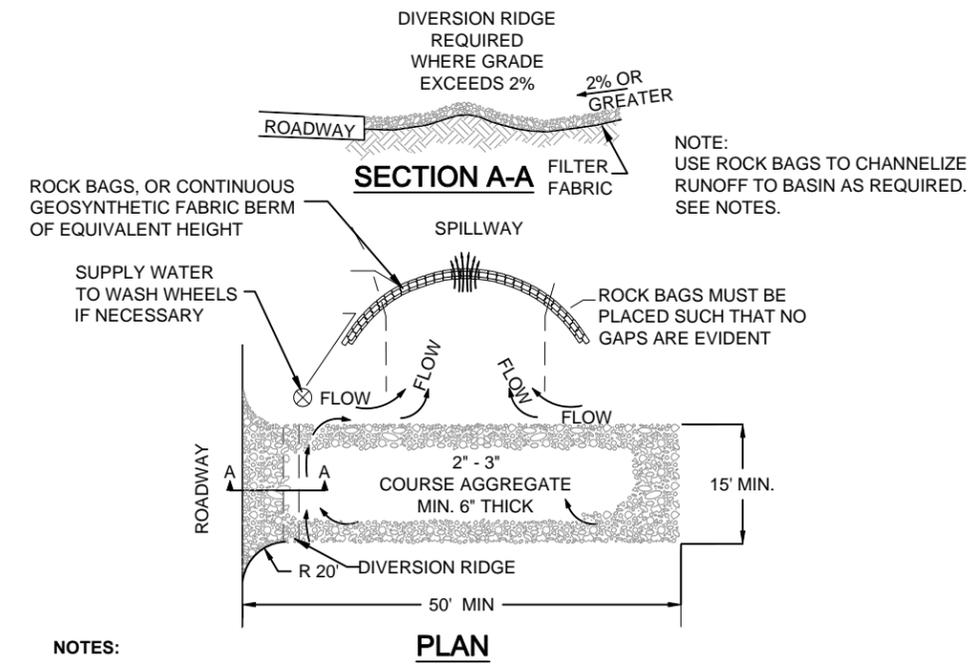
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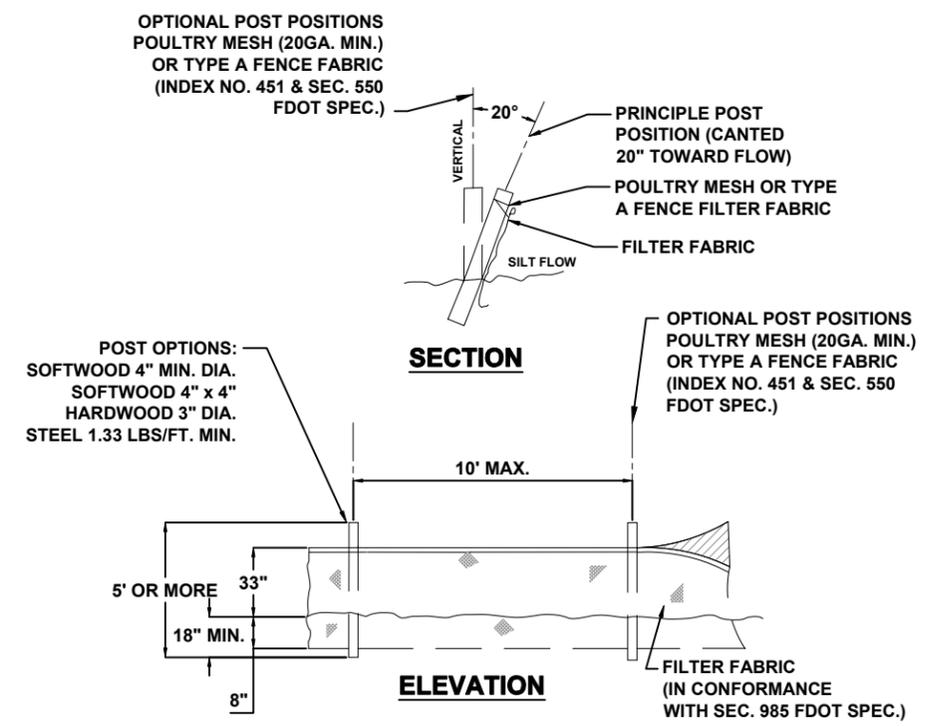
EROSION CONTROL NOTES

- THIS EROSION AND SEDIMENTATION CONTROL PLAN COMPLIES WITH THE REQUIREMENTS OF THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTOR'S MANUAL.
- THE CONTRACTOR SHALL ADHERE TO COLUMBIA COUNTY, SRWMD, AND OTHER GOVERNING AUTHORITIES FOR EROSION AND SEDIMENT CONTROL REGULATIONS. TO ENSURE PROTECTION FROM EROSION AND SEDIMENTATION, THE CONTRACTOR SHALL USE BMPS FROM THE FLORIDA EROSION AND SEDIMENT CONTROL INSPECTORS MANUAL.
- THE CONTRACTOR SHALL ADJUST AND REVISE THIS PLAN TO MEET ACTUAL FIELD CONDITIONS. ANY REVISIONS SHALL BE APPROVED BY THE REVIEWING AGENCIES.
- SEDIMENT AND EROSION CONTROL FACILITIES, STORM DRAINAGE FACILITIES AND DETENTION BASINS SHALL BE INSTALLED PRIOR TO ANY OTHER CONSTRUCTION.
- SEDIMENT AND EROSION CONTROL MEASURES SHALL NOT BE REMOVED UNTIL ALL CONSTRUCTION IS COMPLETE AND UNTIL A PERMANENT GROUND COVER HAS BEEN ESTABLISHED.
- ALL OPEN DRAINAGE SWALES SHALL BE GRASSED AND RIPRAP SHALL BE PLACED AS REQUIRED TO CONTROL EROSION.
- SILT FENCES SHALL BE LOCATED ON SITE TO PREVENT SEDIMENT AND EROSION FROM LEAVING PROJECT LIMITS.
- CONTRACTOR SHALL PLACE A DOUBLE ROW OF SILT FENCE IN AREAS WHERE RUNOFF FROM DISTURBED AREAS MAY ENTER WETLANDS.
- DURING CONSTRUCTION AND AFTER CONSTRUCTION IS COMPLETE, ALL STRUCTURES SHALL BE CLEANED OF ALL DEBRIS AND EXCESS SEDIMENT.
- ALL GRADED AREAS SHALL BE STABILIZED IMMEDIATELY WITH A TEMPORARY FAST-GROWING COVER AND/OR MULCH.
- A PAD OF RUBBLE RIP RAP SHALL BE PLACED AT THE BOTTOM OF ALL COLLECTION FLUMES AND COLLECTION PIPE OUTLETS. GRANITE OR LIMESTONE RIPRAP IS REQUIRED, NO BROKEN CONCRETE WILL BE ACCEPTED.
- ALL SIDE SLOPES STEEPER THAN 3:1 SHALL BE ADEQUATELY PROTECTED FROM EROSION THROUGH THE USE OF SODDING.
- ALL STABILIZATION PRACTICES SHALL BE INITIATED AS SOON AS PRACTICABLE IN AREAS OF THE JOB WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY STOPPED, BUT IN NO CASE SHALL THE DISTURBED AREA BE LEFT UNPROTECTED FOR MORE THAN SEVEN DAYS.
- ALL WASTE GENERATED ON THE PROJECT SHALL BE DISPOSED OF BY THE CONTRACTOR IN AREAS PROVIDED BY CONTRACTOR.
- LOADED HAUL TRUCKS SHALL BE COVERED WITH TARPS.
- THIS PROJECT SHALL COMPLY WITH ALL WATER QUALITY STANDARDS. PERMIT REQUIRED FROM SRWMD HAS BEEN OBTAINED.
- QUALIFIED PERSONNEL SHALL INSPECT THE AREA USED FOR STORAGE OF STOCKPILES, THE SILT FENCE AND STRAW BALES, THE LOCATION WHERE VEHICLES ENTER OR EXIT THE SITE, AND THE DISTURBED AREAS THAT HAVE NOT BEEN FINALLY STABILIZED, AT LEAST ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS OF THE END OF A STORM OF 0.25 INCHES OR GREATER.
- SITES THAT HAVE BEEN FINAL STABILIZED WITH SOD OR GRASSING SHALL BE INSPECTED AT LEAST ONCE EVERY WEEK.



- NOTES:
- THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
 - WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
 - WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT BASIN.
 - ROCK BAGS OR SANDBAGS SHALL BE PLACED SUCH THAT NO GAPS ARE EVIDENT.

1 TEMPORARY CONSTRUCTION ENTRANCE SCALE: N.T.S.



2 TYPE IV SILT FENCE SCALE: N.T.S.

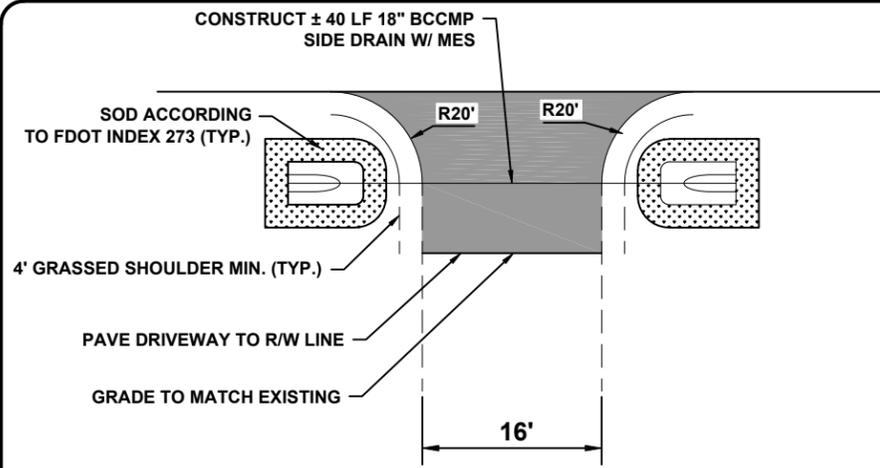
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EROSION CONTROL NOTES & DETAILS
 SW BRIM STREET
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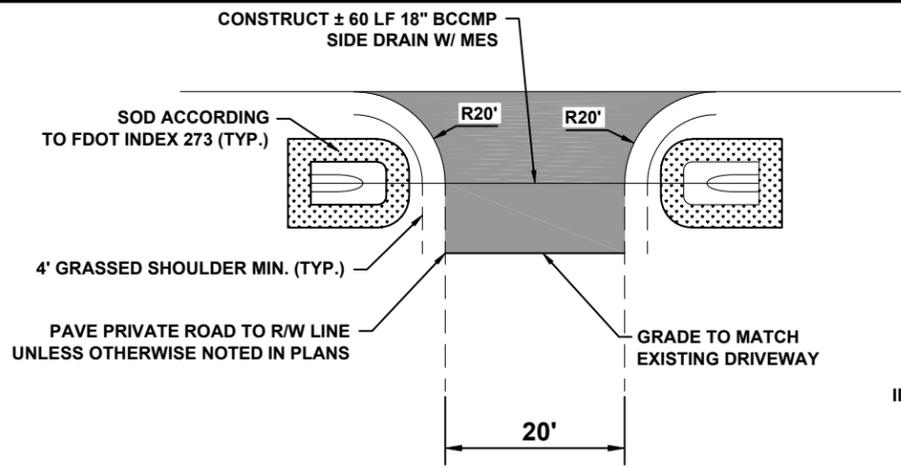
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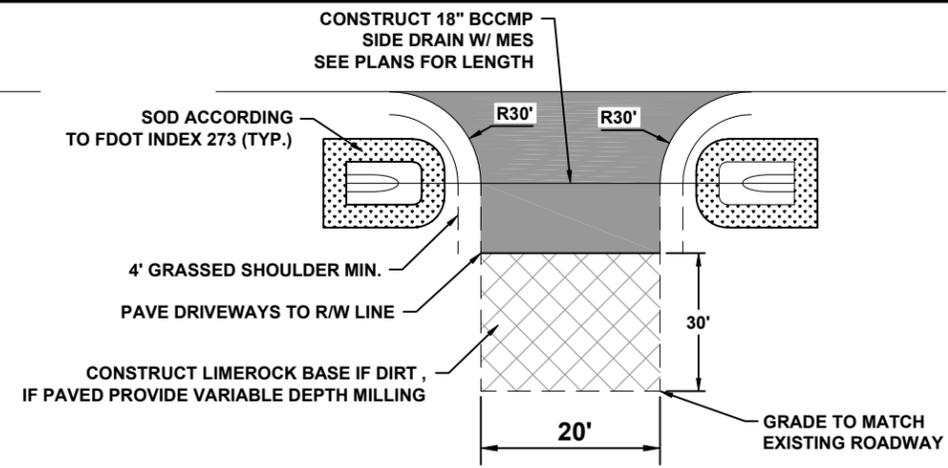
HATCHING DENOTES
 PAVEMENT SHALL BE 165#/SY TYPE SP-12.5 SURFACE COURSE (TL-B)
 OPTIONAL BASE GROUP 4

1 PRIVATE DRIVE CONNECTION
 SCALE:N.T.S.



HATCHING DENOTES
 PAVEMENT SHALL BE 165#/SY TYPE SP-12.5 SURFACE COURSE (TL-B)
 OPTIONAL BASE GROUP 4

2 PRIVATE ROAD CONNECTION
 SCALE:N.T.S.



HATCHING DENOTES
 PAVEMENT SHALL BE 165#/SY TYPE SP-12.5 SURFACE COURSE (TL-B)
 OPTIONAL BASE GROUP 4

3 DIRT/PAVED COUNTY ROAD CONNECTION
 SCALE:N.T.S.

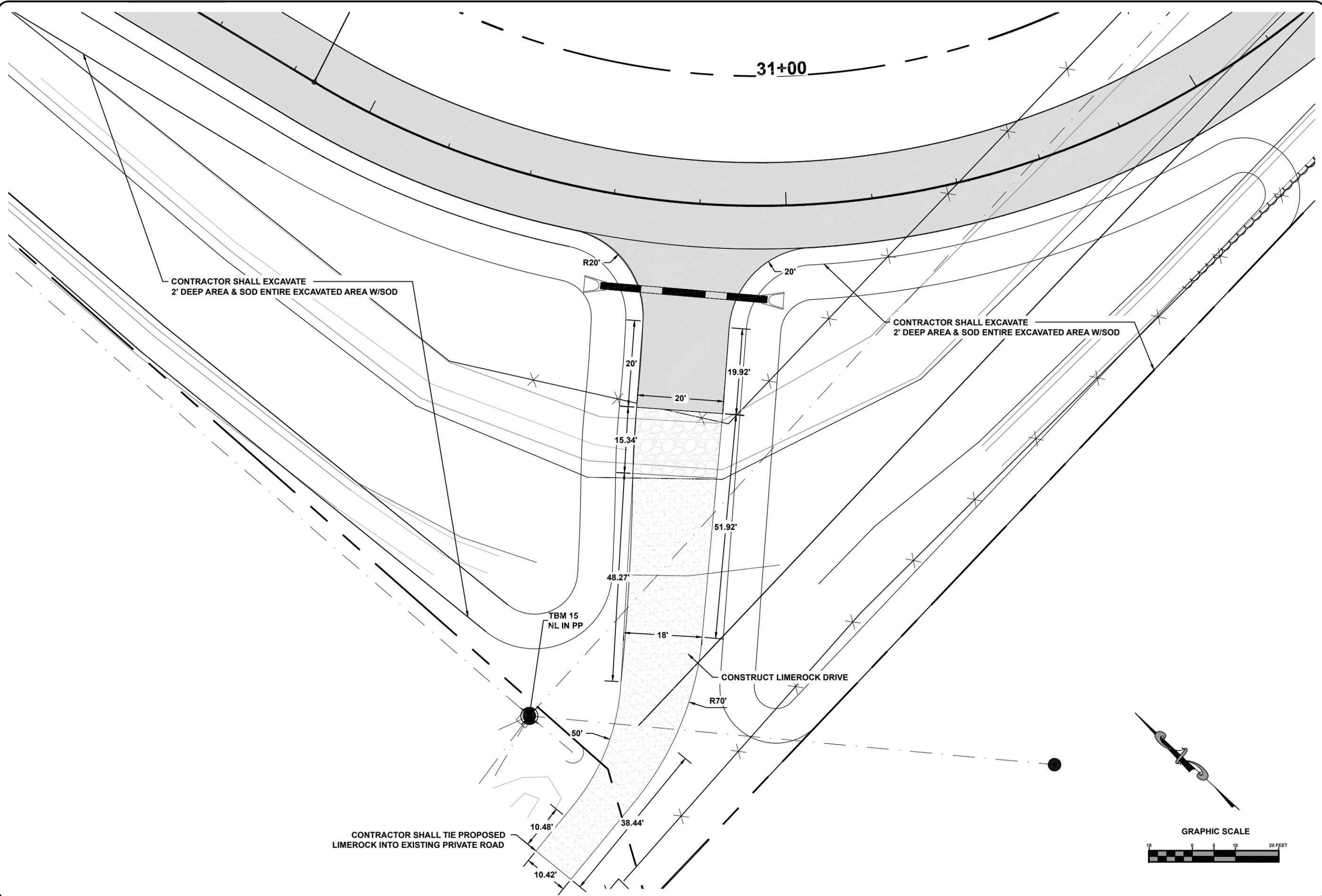
MISC. DETAILS
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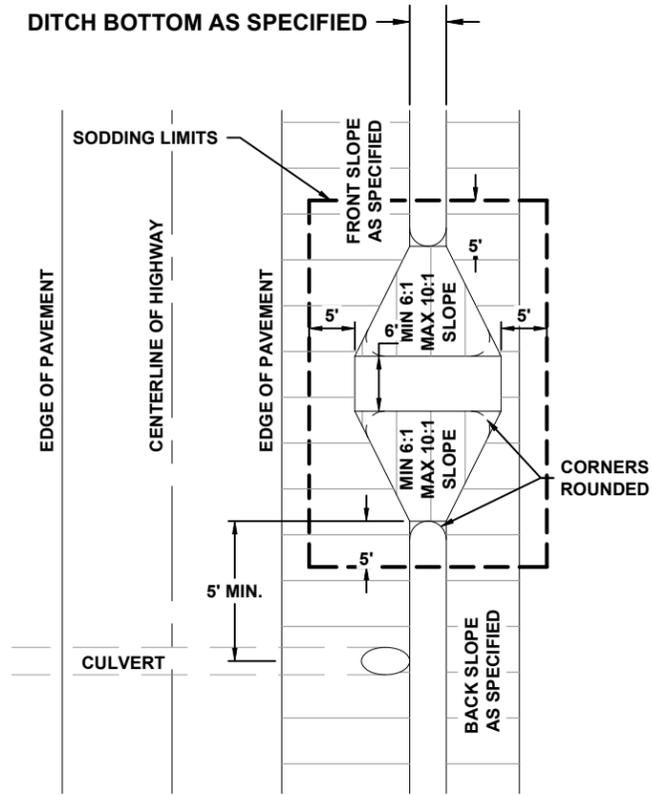
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MISC. DETAIL'S
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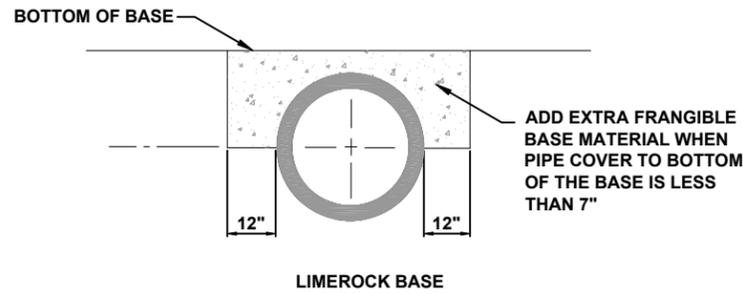
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HEIGHT OF DITCH BLOCK SHALL BE 0.75' BELOW EDGE OF PAVEMENT UNLESS OTHERWISE SPECIFIED IN THE PLANS.

1 DITCH BLOCK DETAIL
 71 SCALE:N.T.S.



2 EXTRA BASE FOR CROSS
 71 CULVERTS UNDER FLEXIBLE PAVEMENTS
 SCALE:N.T.S.

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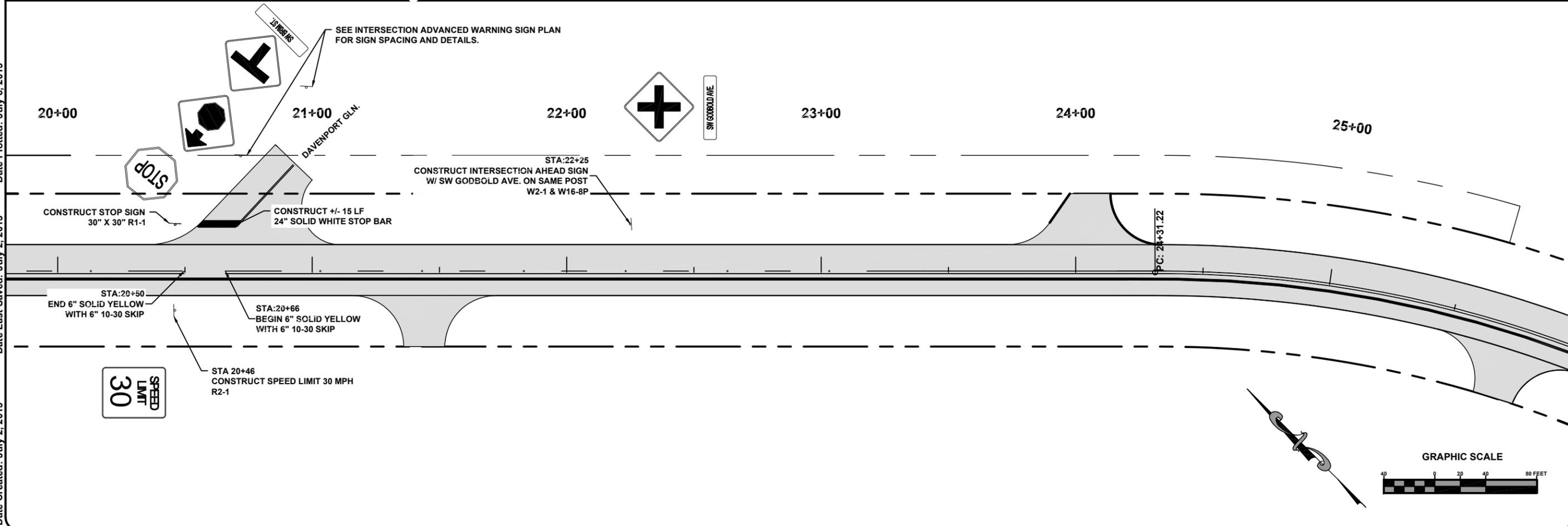
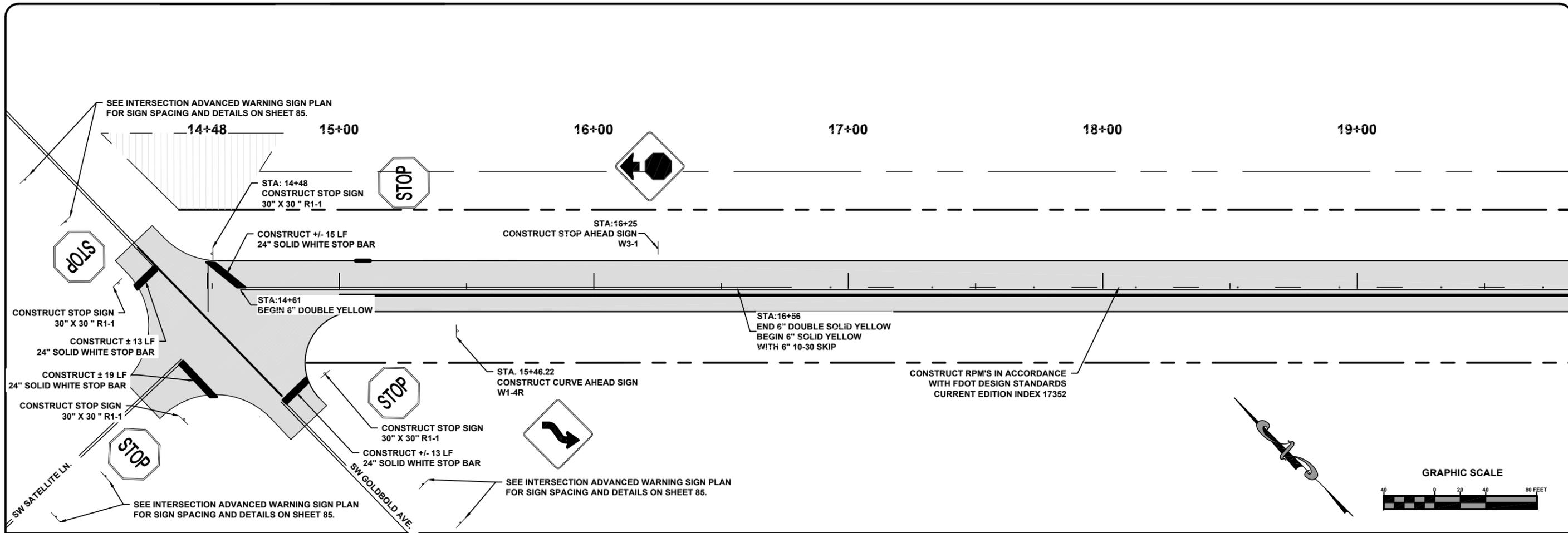


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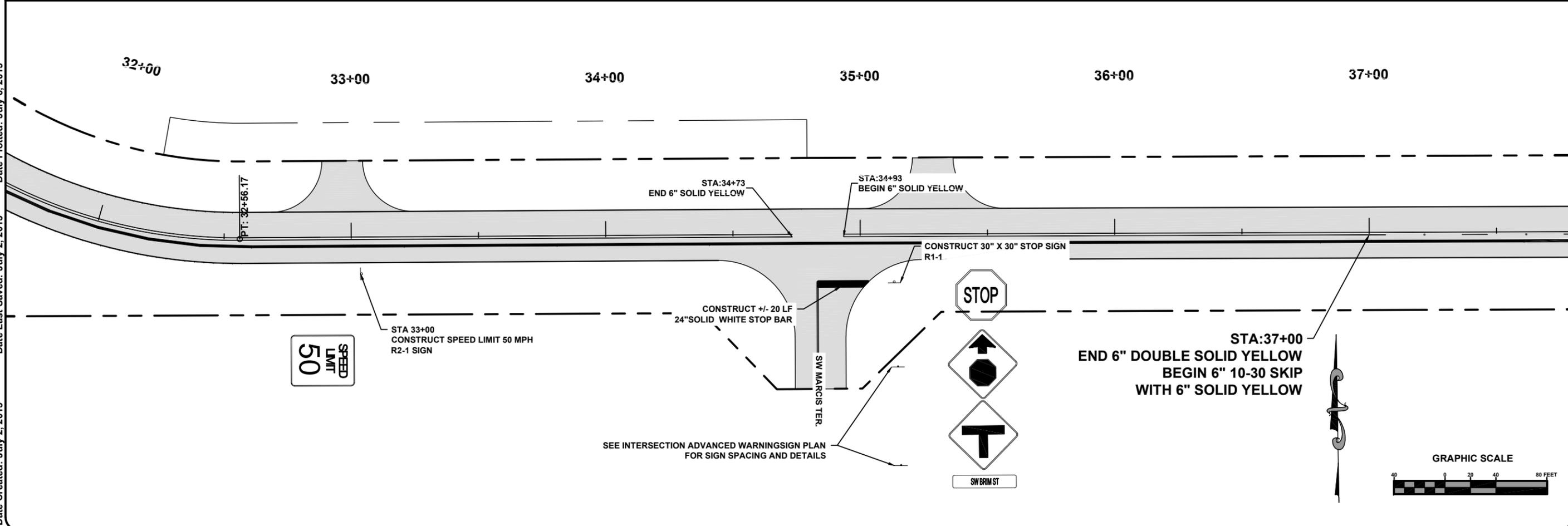
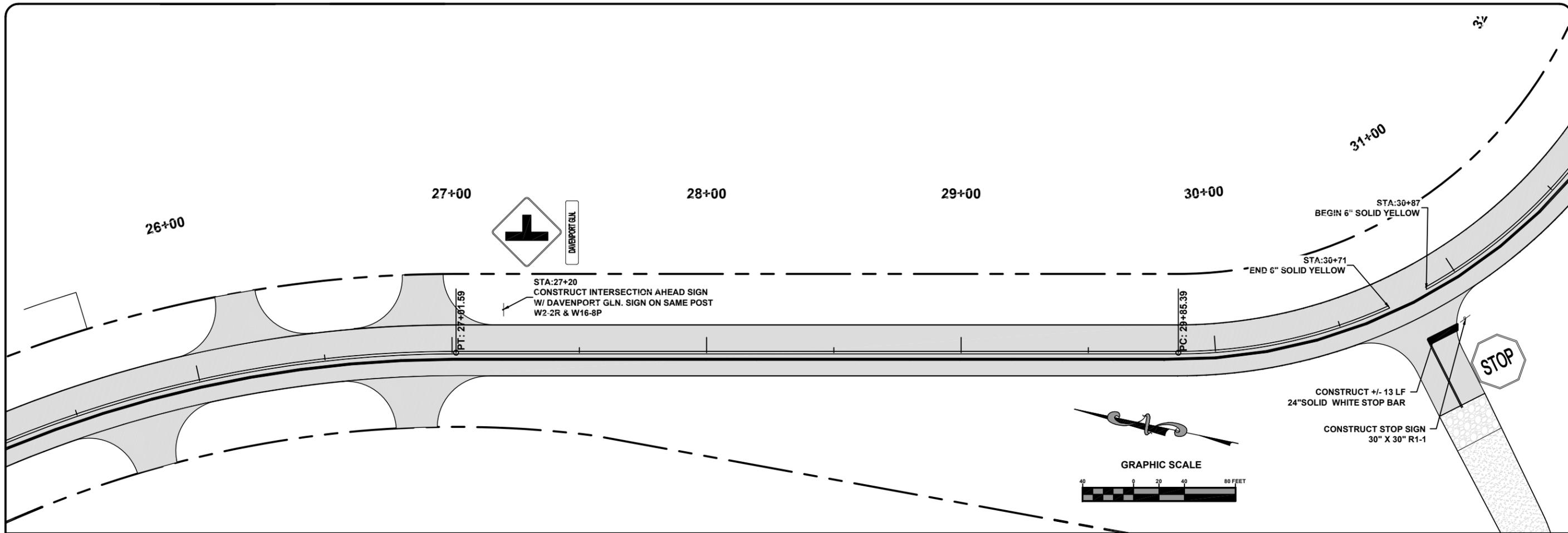


SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

REVISIONS:

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CHECKED BY:	CM	CM	GB
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North Florida Professional Services, Inc.
 P.O. BOX 3823
 Tallahassee, FL 32318
 Ph. 877-335-1525
 Fax. 386-752-4674
 Eng. Lic. 29011

SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

REVISIONS:

DESIGNED BY:	CM	CM	GB
DRAFTED BY:	CM	CM	GB
CHECKED BY:	CM	CM	GB
DATE:	2/2014		
SHEET NO.:	73		

38+00

39+00

40+00

41+00

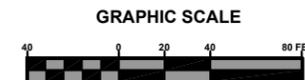
42+00

43+00



STA. 41+60
 CONSTRUCT CURVE AHEAD SIGN
 W1-4R

STA:43+40
 END 6" 10-30 SKIP
 WITH 6" SOLID YELLOW
 BEGIN 6" DOUBLE SOLID YELLOW



44+00

45+00

46+00

47+00

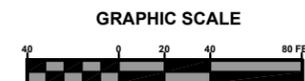
48+00

49+00



STA. 46+60
 CONSTRUCT SPEED LIMIT 30 MPH SIGN
 R2-1

STA:45+50
 END 6" DOUBLE SOLID YELLOW
 BEGIN 6" SOLID YELLOW
 WITH 6" 10-30 SKIP



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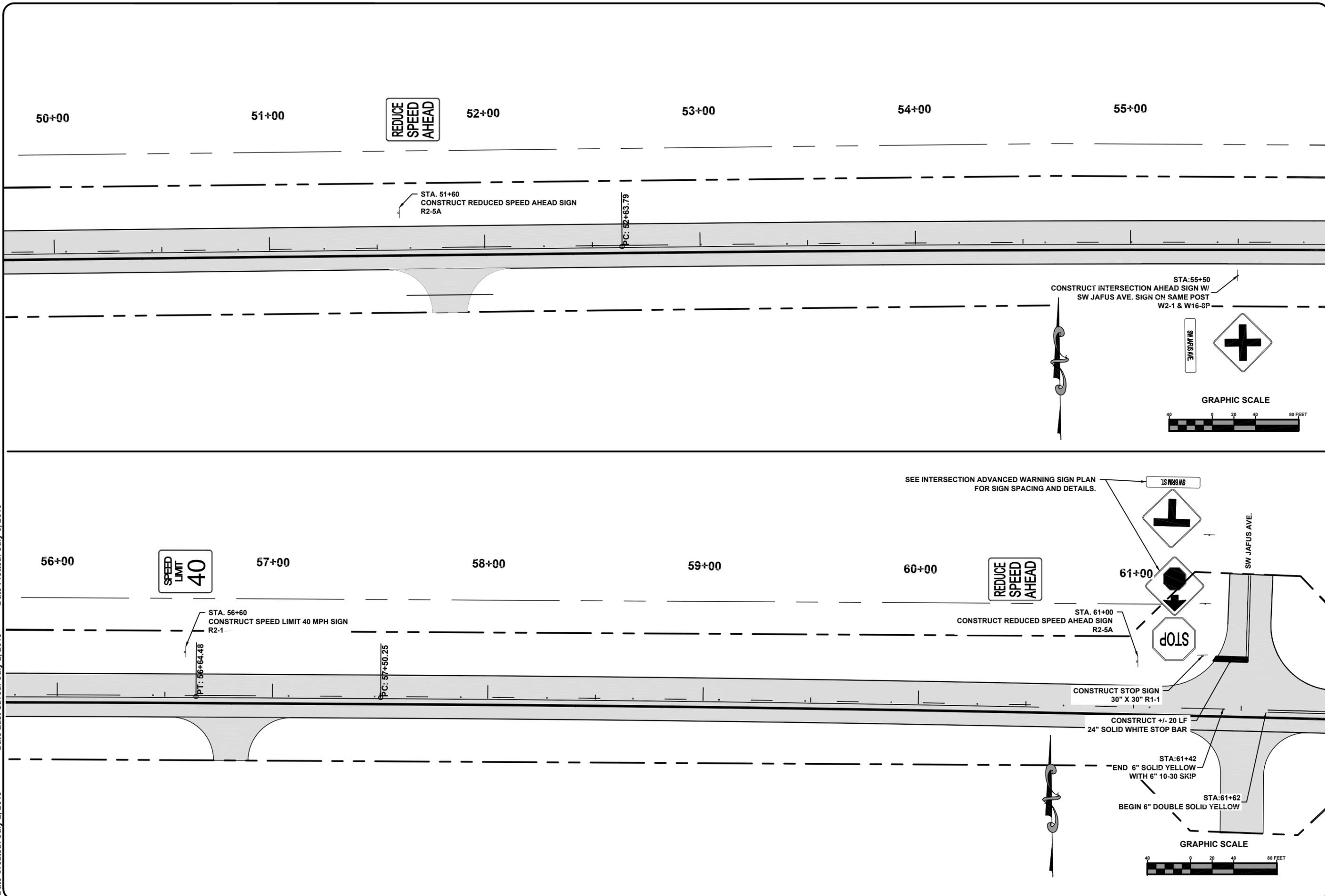


SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

REVISIONS:

DESIGNED BY:	CM	CM	GB
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CHECKED BY:	CM	CM	GB
SIGNATURE & SEAL			

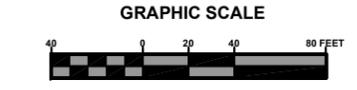
DATE: 2/2014
 SHEET NO. 74



REDUCE
SPEED
AHEAD

SPEED
LIMIT
40

REDUCE
SPEED
AHEAD



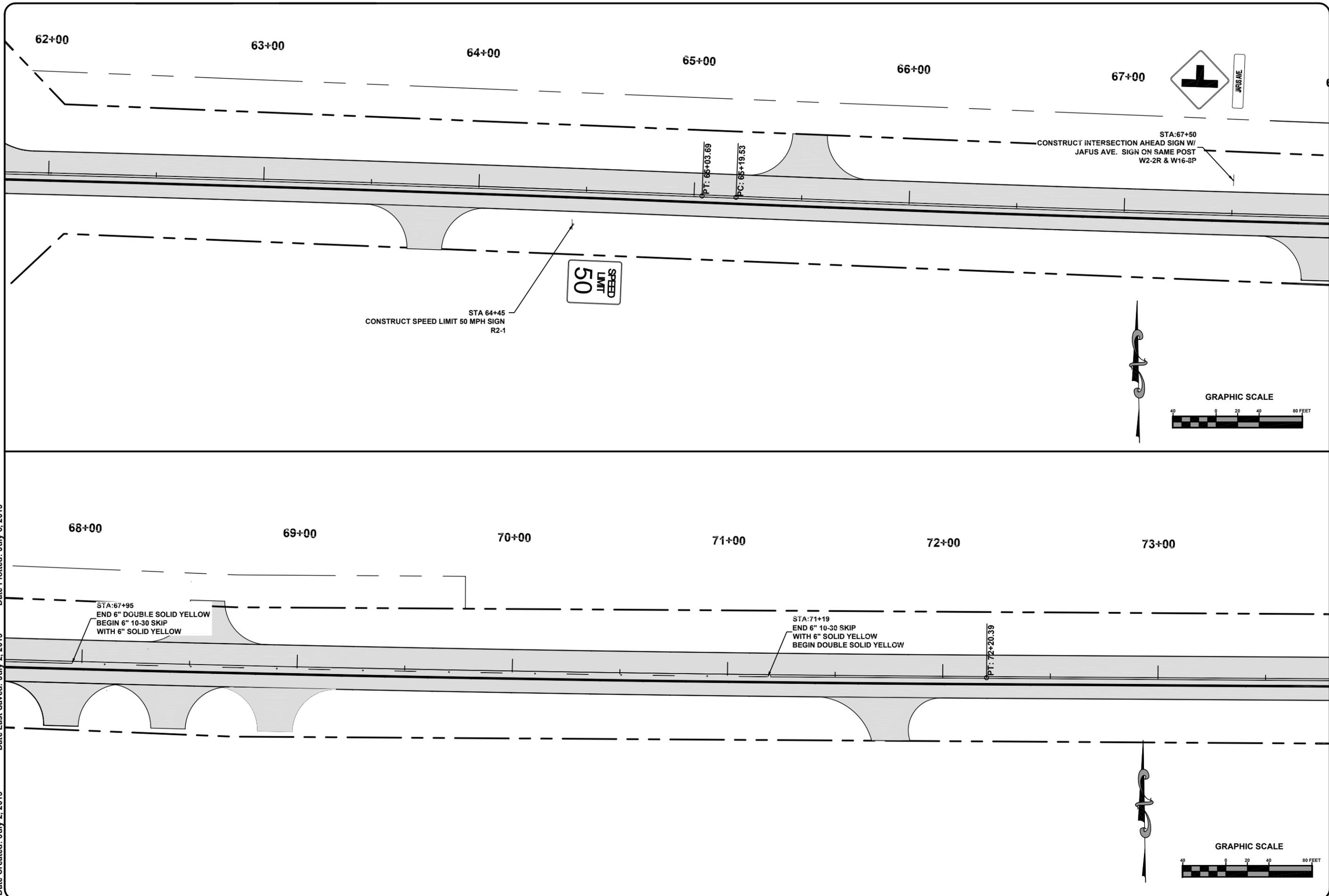
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SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

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2/2014	CM	CM	GB
SHEET NO. 75	SIGNATURE & SEAL		

File Location: X:\2013\130715CCB\Planning & Design\CADD\CCBSigning01REV IS&M_71
Date Created: July 2, 2015 Date Last Saved: July 2, 2015 Date Plotted: July 6, 2015



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SIGNING & PAVEMENT MARKINGS

BRIM STREET
COLUMBIA COUNTY

REVISIONS:

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CHECKED BY:	GB
SIGNATURE & SEAL	

DATE: 2/2014
SHEET NO. 76

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Date Created: July 2, 2015 Date Last Saved: July 2, 2015 Date Plotted: July 6, 2015

74+00

75+00

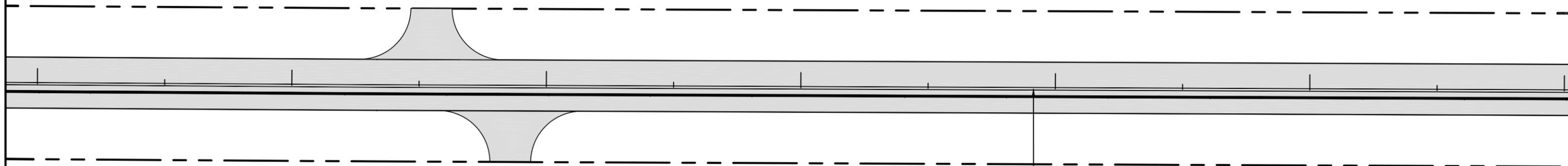
76+00

77+00

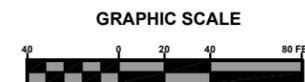
78+00

79+00

80+00



CONSTRUCT RPM'S IN ACCORDANCE
WITH FDOT DESIGN STANDARDS
CURRENT EDITION INDEX 17352



80+00

81+00

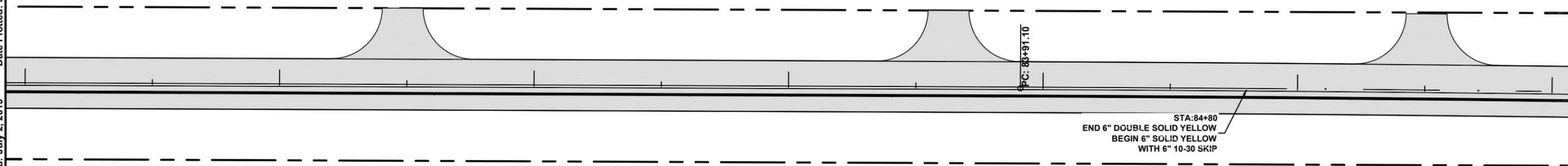
82+00

83+00

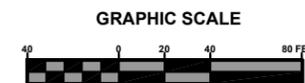
84+00

85+00

86+00



STA: 84+80
END 6" DOUBLE SOLID YELLOW
BEGIN 6" SOLID YELLOW
WITH 6" 10-30 SKIP



REVISIONS:

JOB NUMBER:	L130715CCB
DESIGNED BY:	77
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DATE:	2/2014
SHEET NO.:	77

SIGNING & PAVEMENT MARKINGS
BRIM STREET
COLUMBIA COUNTY

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86+00

87+00

88+00

89+00

90+00

91+00

92+

STA:86+40
 END 6" SOLID YELLOW
 WITH 6" 10-30 SKIP
 BEGIN 6" 10-30 SKIP

STA:87+60
 END 6" 10-30 SKIP
 BEGIN 6" 10-30 SKIP
 WITH 6" SOLID YELLOW

PT: 91+41.52

GRAPHIC SCALE



92+00

93+00

94+00

95+00

96+00

97+00

98+

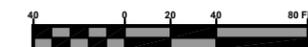
STA:94+08
 CONSTRUCT INTERSECTION AHEAD SIGN
 W/ SW DEKLE RD SIGN ON SAME POST
 W2-1 & W16-3P



STA:96+40
 END 6" 10-30 SKIP
 WITH 6" SOLID YELLOW
 BEGIN 6" DOUBLE SOLID YELLOW

PT: 97+46.51

GRAPHIC SCALE



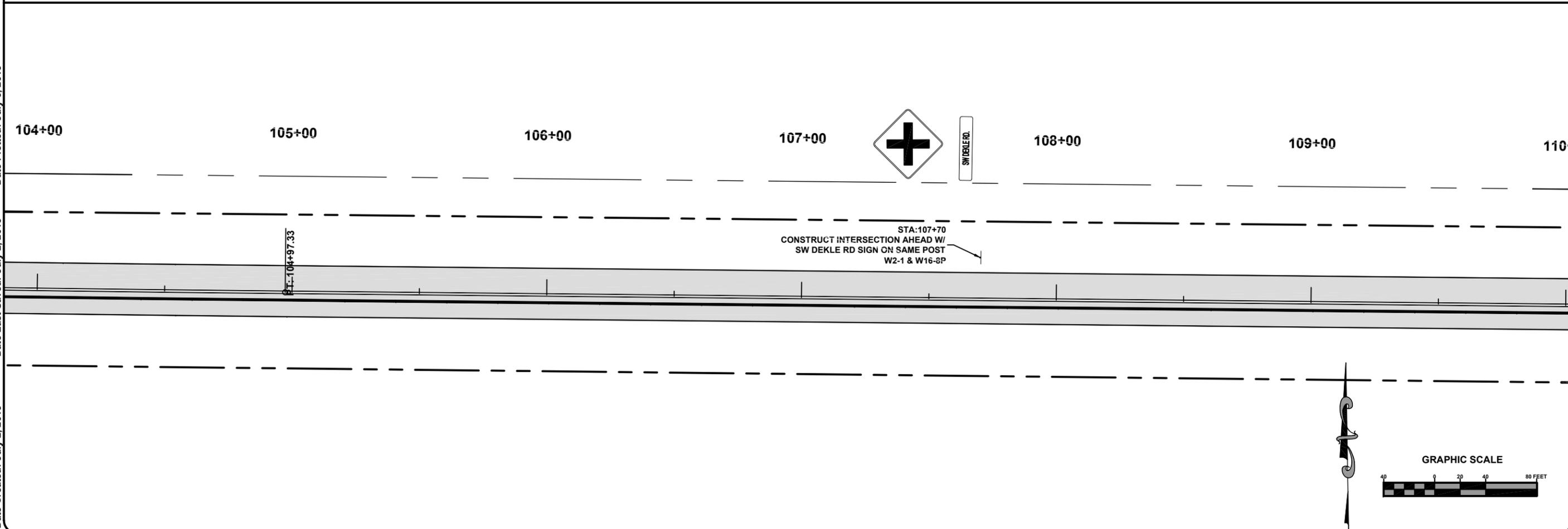
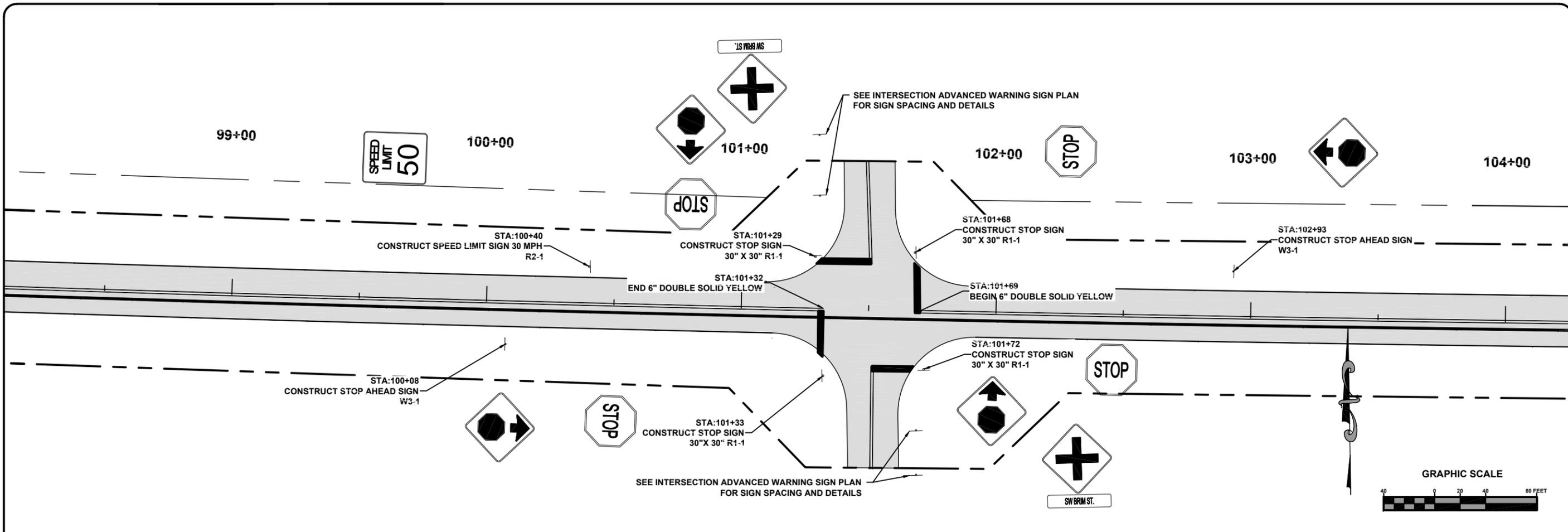
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 Eng. Lic. 29011



SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

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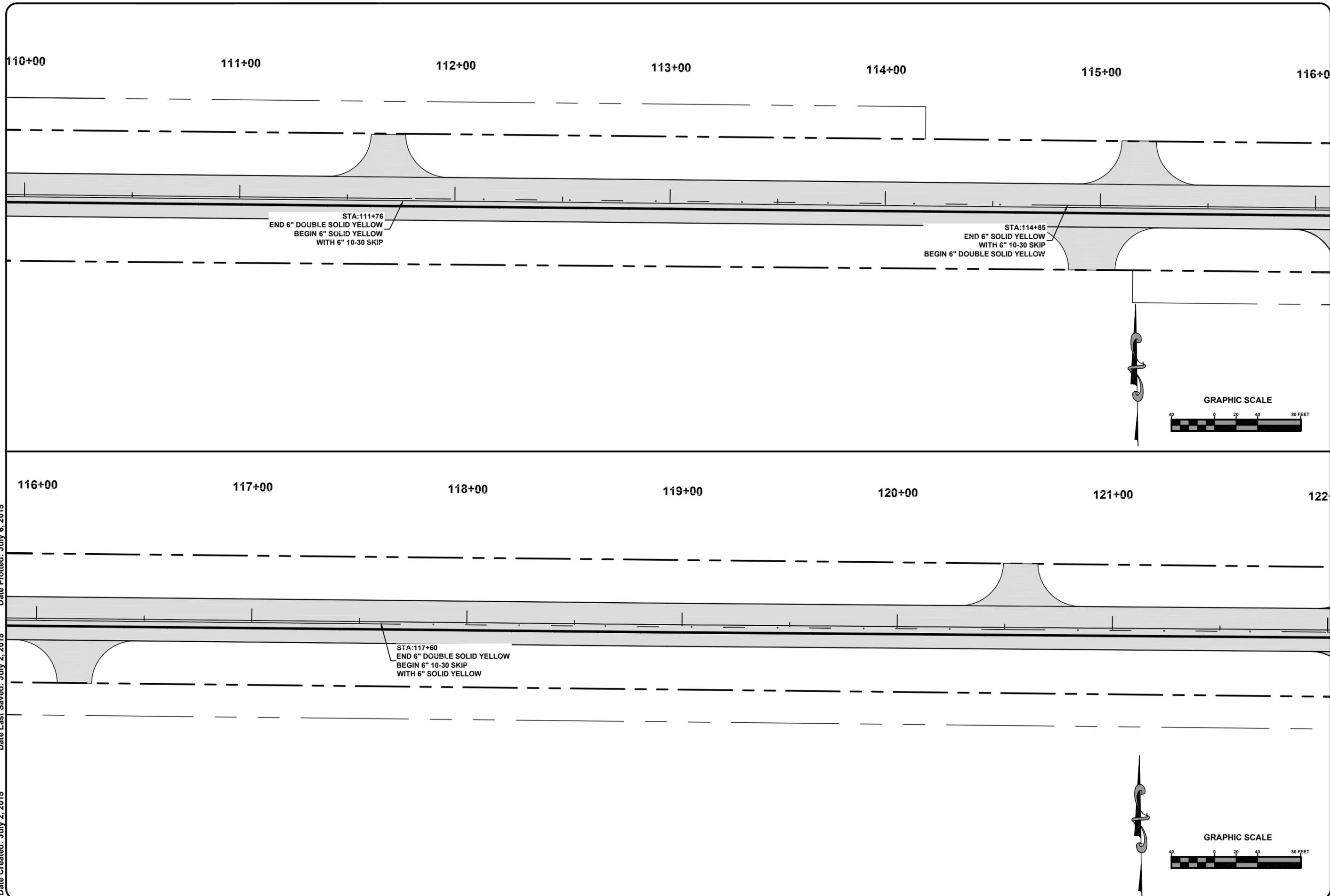
SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

REVISIONS:

DESIGNED BY:	CM	CM	GB
DRAFTED BY:	CM	CM	GB
CHECKED BY:	CM	CM	GB
SIGNATURE & SEAL			

DATE: 2/2014
 SHEET NO. 79

File Location: X:\2013\130715CCB\Planning & Design\CADD\CCBsigning01REV IS&M_75
Date Created: July 2, 2015 Date Last Saved: July 2, 2015 Date Plotted: July 6, 2015



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SIGNING & PAVEMENT MARKINGS
BRIM STREET
COLUMBIA COUNTY

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File Location: X:\2013\130715CCB\Planning & Design\CADD\CCBsigning01REV IS&M_76
Date Created: July 2, 2015 Date Last Saved: July 2, 2015 Date Plotted: July 6, 2015

122+00

123+00

124+00

125+00

126+00

127+00

128+00

128+00

129+00

130+00

131+00

132+00

133+00

134+00

STA:129+07
END 6" DOUBLE SOLID YELLOW
BEGIN 6" 10-30 SKIP
WITH 6" SOLID YELLOW

STA:129+70
CONSTRUCT INTERSECTION AHEAD SIGN W/
SW MOLLIE TER. SIGN ON SAME POST
W2-2L & W16-6P

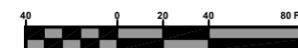


STA:131+00
END 6" 10-30 SKIP
WITH 6" SOLID YELLOW
BEGIN 6" 10-30 SKIP

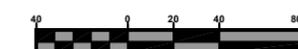
PC: 131+79.63

STA:132+40
END 6" 10-30
BEGIN 6" DOUBLE SOLID YELLOW

GRAPHIC SCALE



GRAPHIC SCALE



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Fax. 386-752-4674

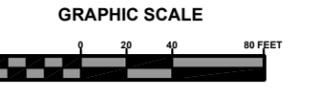
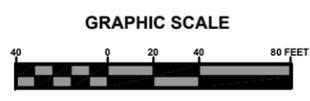
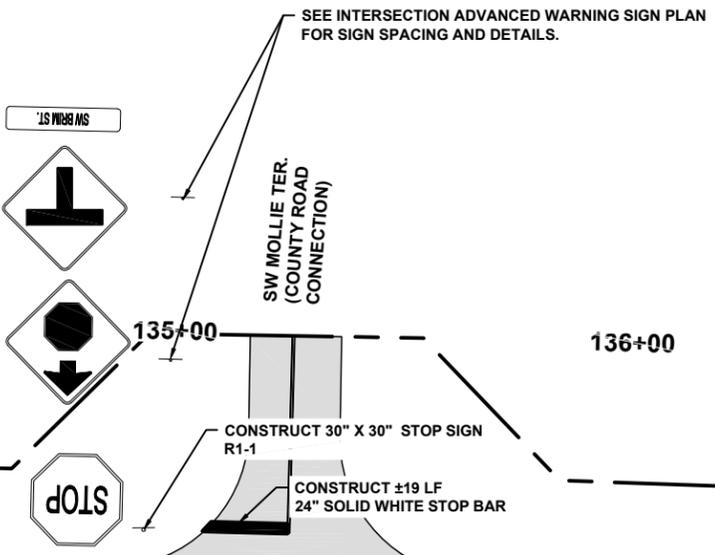
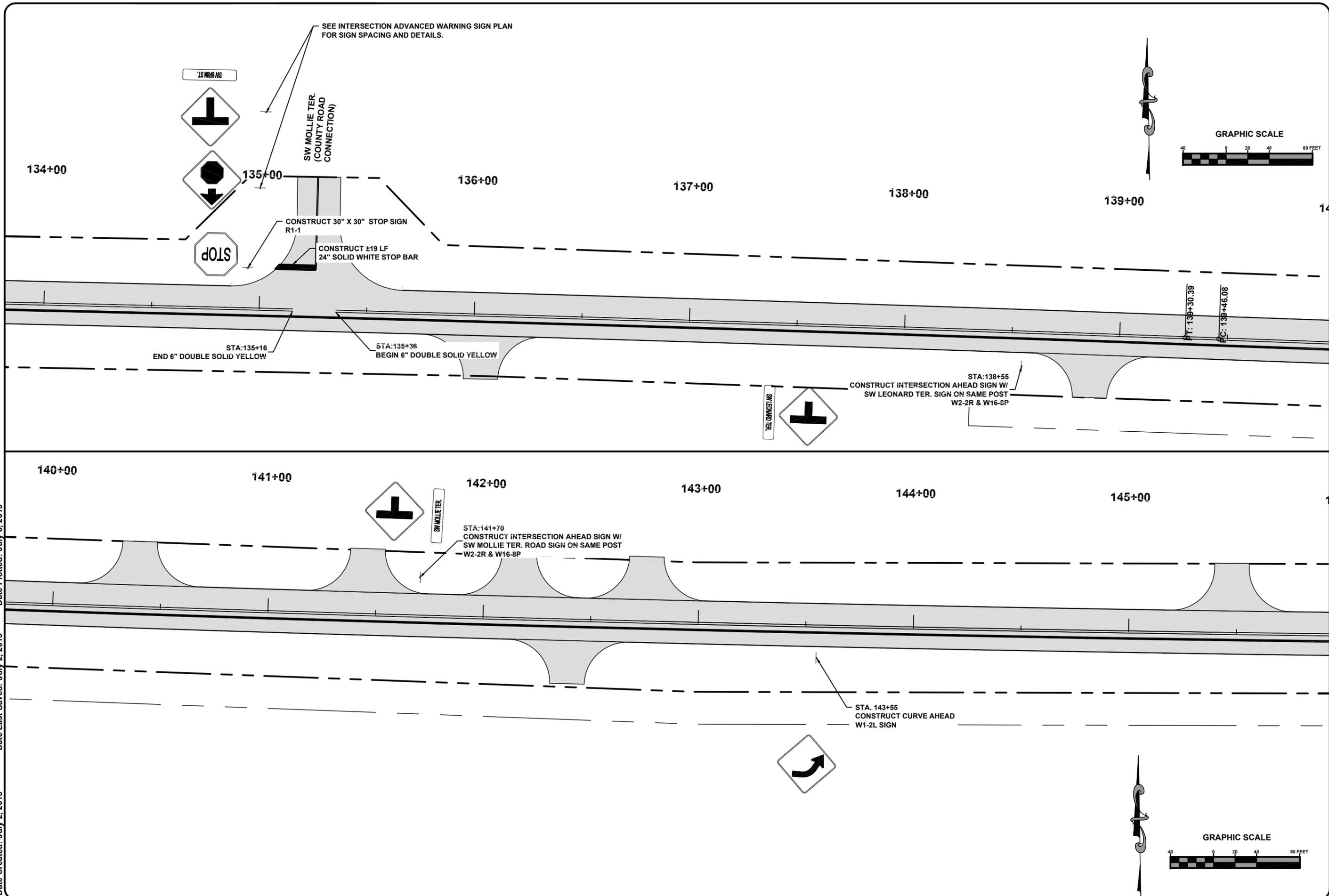


SIGNING & PAVEMENT MARKINGS
BRIM STREET
COLUMBIA COUNTY

REVISIONS:

JOB NUMBER:	L130715CCB
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DATE:	2/2014
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SHEET NO. 81



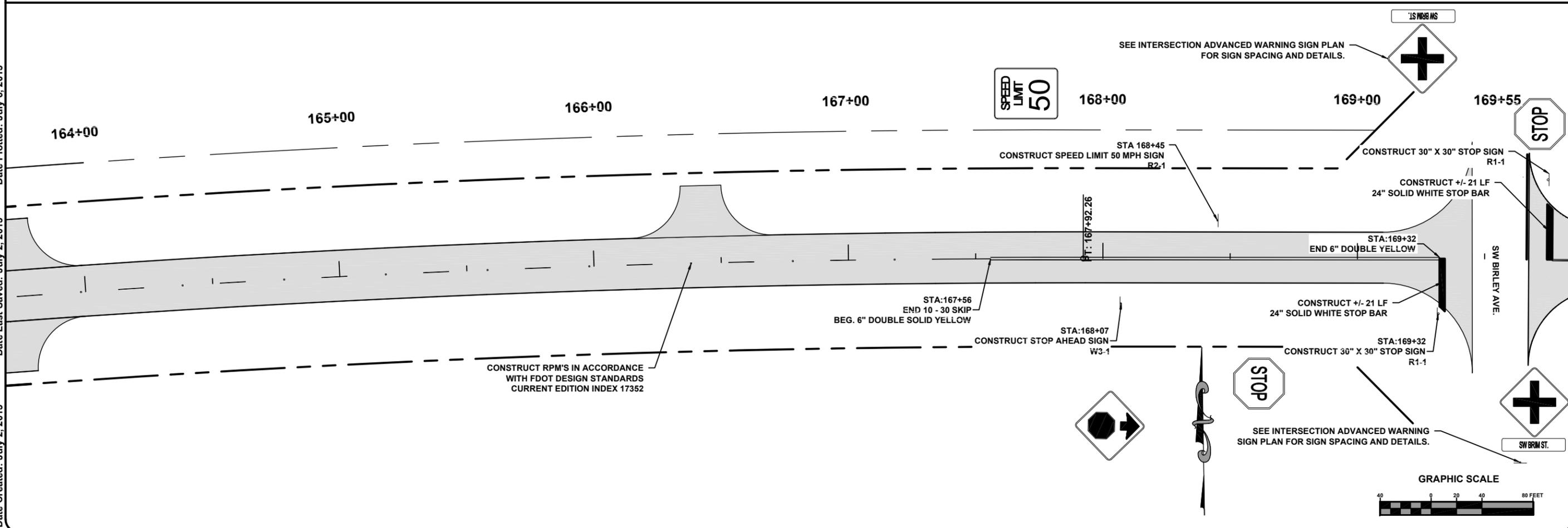
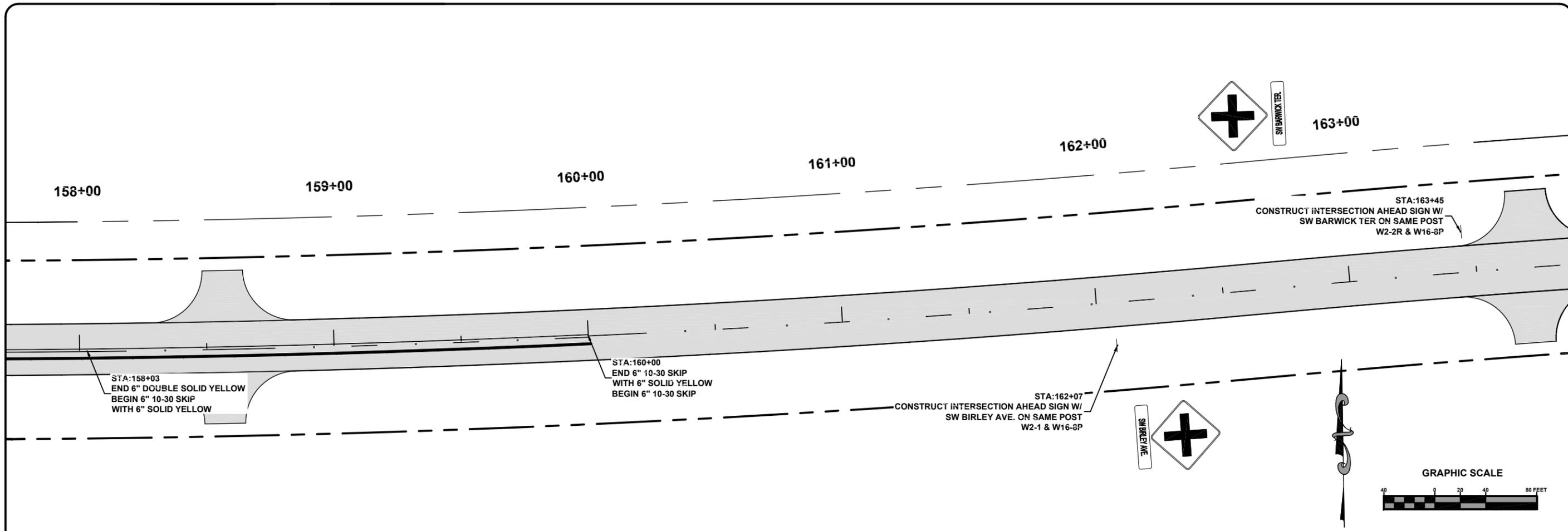
North Florida Professional Services, Inc.
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 Lake City, FL 32025
 Ph. 888-752-4675
 Ph. 877-335-1525
 Fax. 386-752-4674
 Eng. Lic. 29011

SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

REVISIONS:

DESIGNED BY:	CM	CM	GB
DRAFTED BY:	CM	CM	GB
CHECKED BY:	CM	CM	GB
SIGNATURE & SEAL			

DATE: 2/2014
 SHEET NO. 82



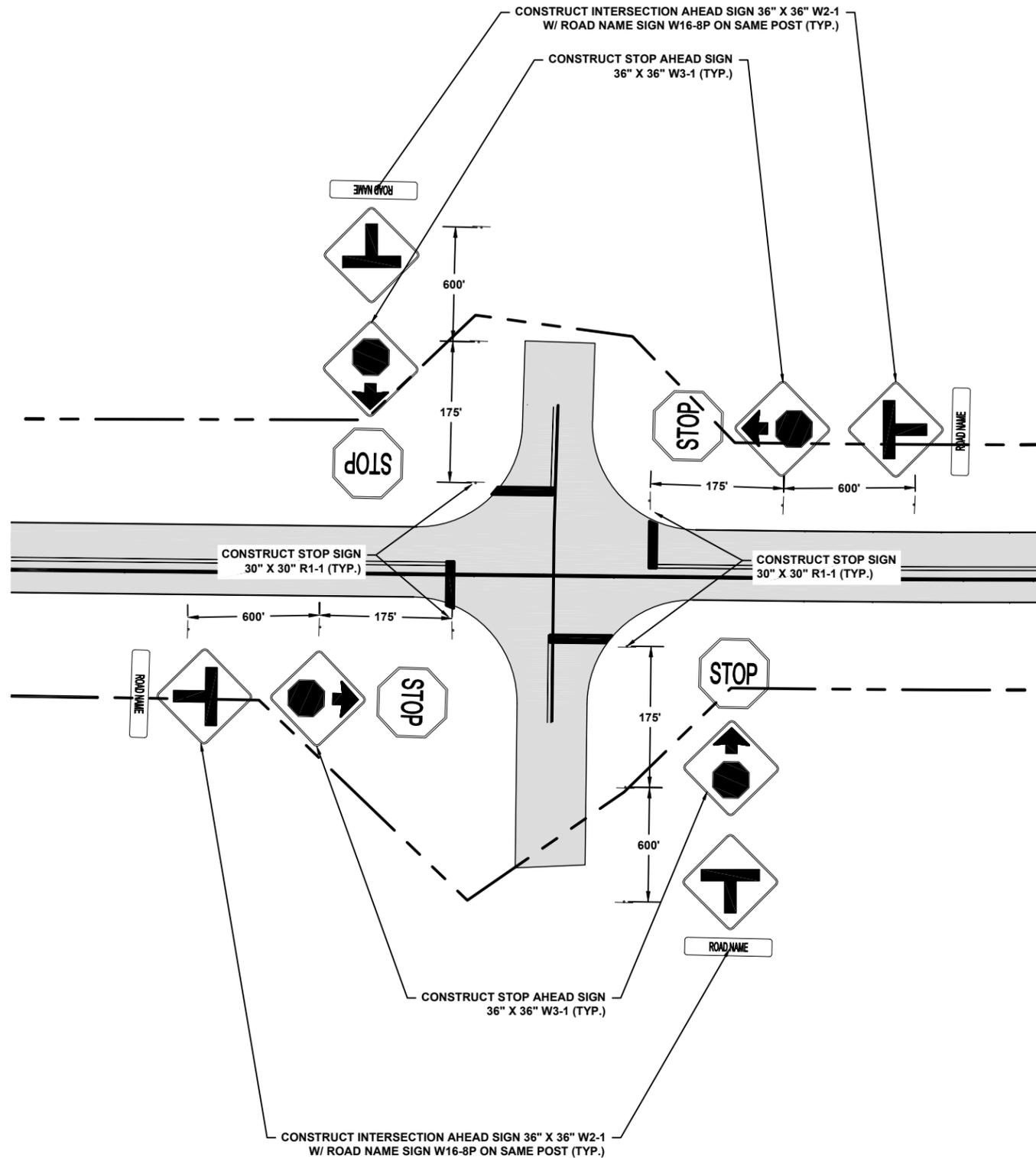
North Florida Professional Services, Inc.
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 Fax. 386-752-4674
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SIGNING & PAVEMENT MARKINGS
 BRIM STREET
 COLUMBIA COUNTY

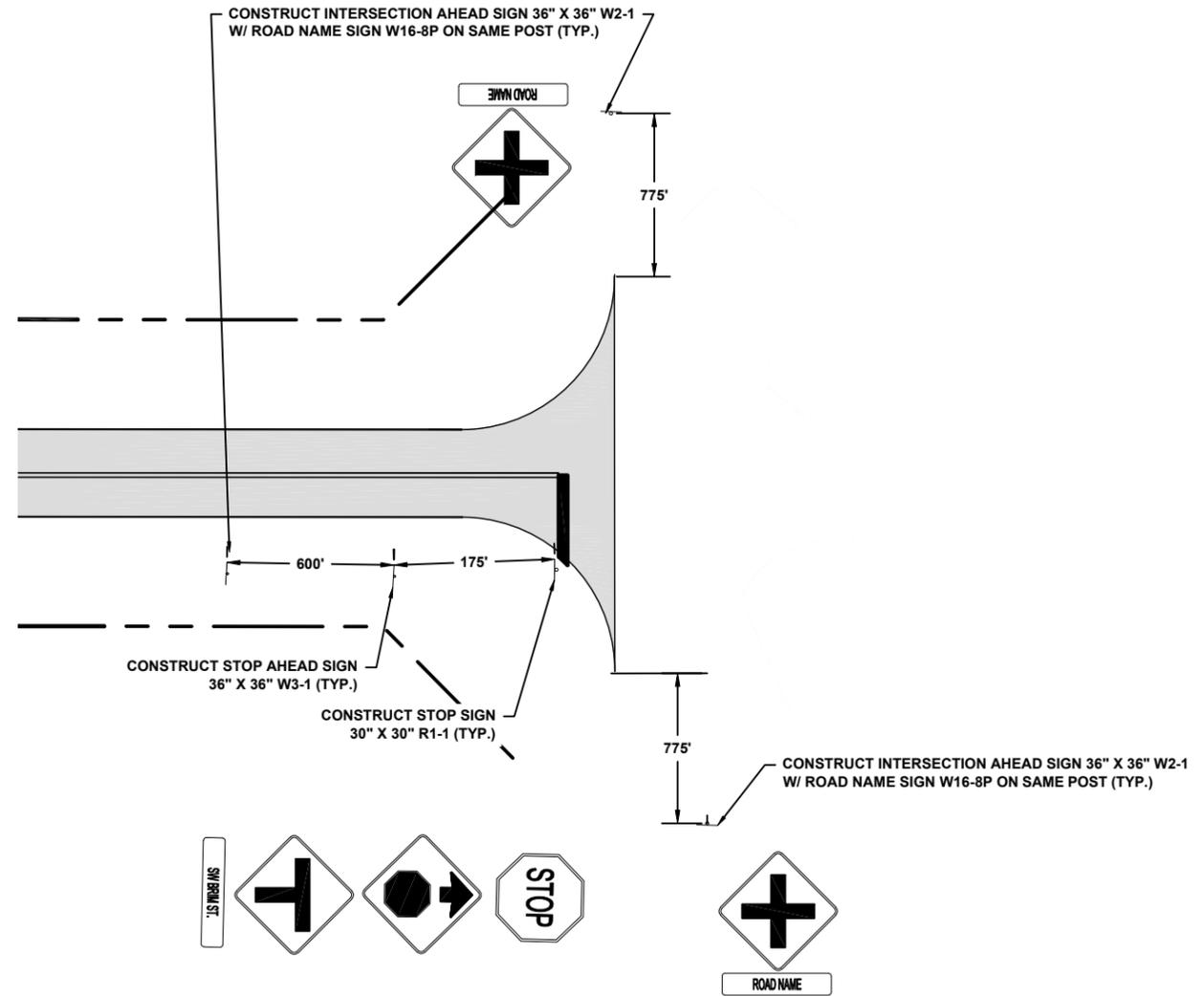
REVISIONS:

DATE:	2/2014
DESIGNED BY:	CM
DRAFTED BY:	CM
CHECKED BY:	GB
SIGNATURE & SEAL:	GB

JOB NUMBER: L130715CCB
 SHEET NO. 84



1 TYPICAL FOUR WAY STOP INTERSECTION
 85 SCALE: N.T.S.



2 TYPICAL TEE INTERSECTION
 85 SCALE: N.T.S.

REVISIONS:

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DESIGNED BY:	CM
DRAFTED BY:	CM
CHECKED BY:	GB
DATE:	2/2014
SHEET NO.:	85

INTERSECTION ADVANCED WARNING SIGN PLAN
 BRIM STREET
 COLUMBIA COUNTY



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 Tallahassee, FL 32318
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BENCHMARK NAME	STATION	OFFSET	ELEVATION	DESCRIPTION
TBM17	14+50.08	-15.86'	112.30	NL & TAG IN PP. 6179-BM50
TBM16	17+21.13	-12.77'	114.85	NL IN PP
BM12	19+99.18	-10.17'	117.19	NL & TAG IN PPT
BM11	25+47.55	-20.86'	118.68	NL & TAG IN PPT
TBM15	30+50.94	127.14'	119.02	NL IN PP
BM1	34+47.69	-30.08'	112.36	NL & TAG IN PP
TBM1	41+07.84	-30.13'	109.20	NL IN PP
BM2	47+96.55	-21.92'	108.49	NL & TAG IN PP
TBM2	53+70.44	-12.74'	109.78	NL IN PP
BM3	61+47.50	-27.13'	118.53	RR SPIKE IN PAVEMENT
TBM3	65+81.60	-20.35'	117.94	NL IN PP
TBM4	72+27.39	-30.56'	114.07	NL IN PP
BM4	75+06.61	-30.67'	106.65	NL & TAG IN PP
TBM5	78+21.07	-30.17'	104.04	NL IN PP
BM5	87+70.77	-29.54'	121.08	NL & TAG IN PP
TBM6	91+16.39	-17.68'	116.58	NL IN PP
TBM7	95+13.49	-13.64'	117.79	NL IN PP
BM6	101+44.39	-70.24'	116.95	RR SPIKE IN PVMT
TBM8	109+07.52	-28.57'	118.95	NL IN PP
BM7	115+19.29	27.38'	120.35	NL & TAG IN PPT
TBM9	122+91.80	17.17'	112.97	NL IN PP
BM8	128+54.57	-47.95'	109.08	NL & TAG IN PP
TBM10	134+91.17	-32.14'	107.41	NL IN PP
TBM11	141+68.17	4.04'	103.09	NL IN PP
BM9	143+17.80	-38.65'	103.05	RR SPIKE IN 30" OAK
TBM12	148+38.30	12.80'	105.75	NL IN PP
BM10	155+98.53	-78.35'	104.11	RR SPIKE IN PAVEMENT
TBM13	160+47.08	10.07'	102.62	REBAR
TBM14	167+01.28	67.70'	103.66	REBAR

DATE: 2/2014	DESIGNED BY: CM	DRAFTED BY: CM	CHECKED BY: GB
SHEET NO. 86	SIGNATURE & SEAL		

REVISIONS:

BENCH MARK TABLE
 SW BRIM STREET
 COLUMBIA COUNTY, FLORIDA



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 Ph. 877-335-1525
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