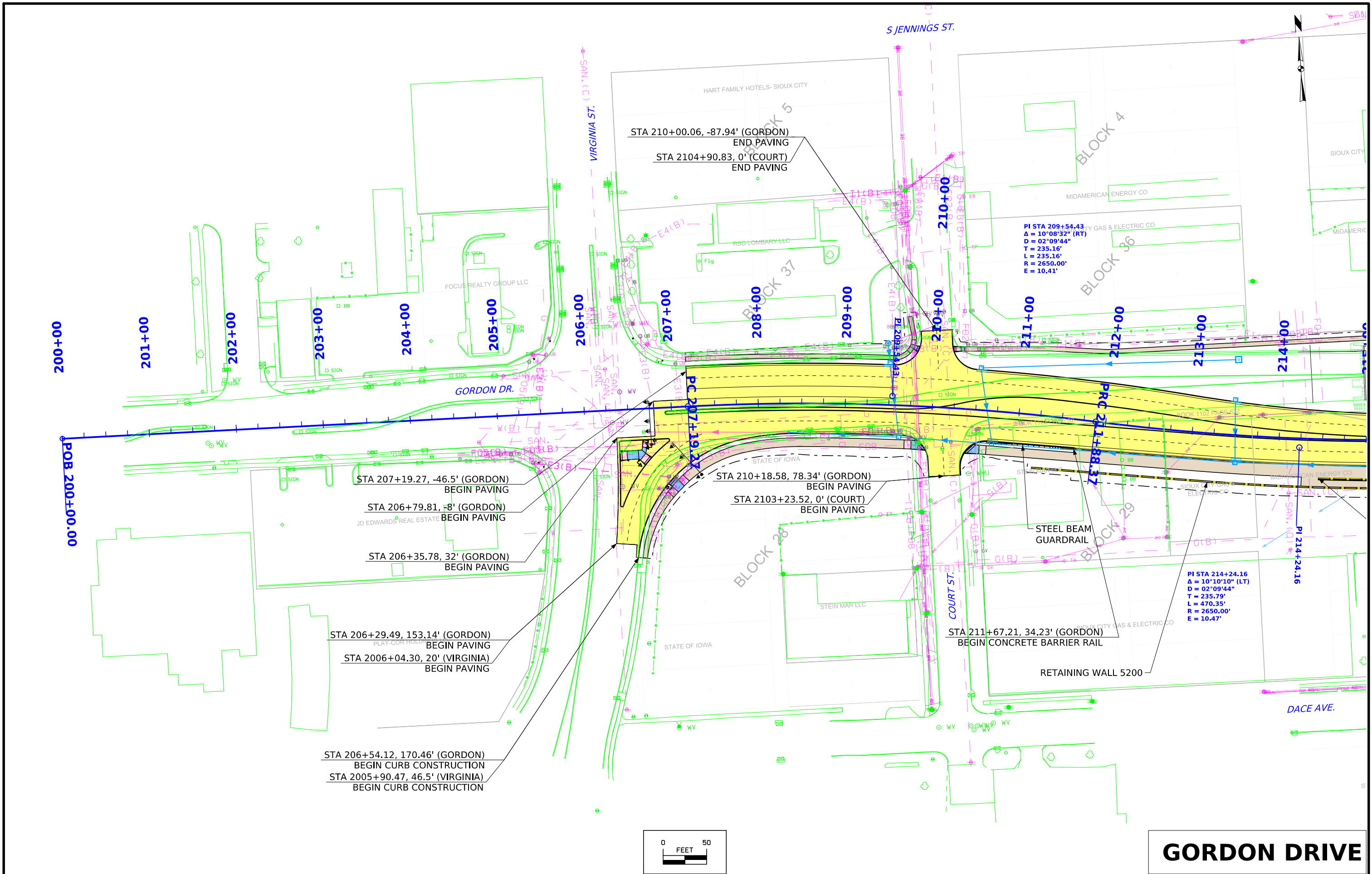
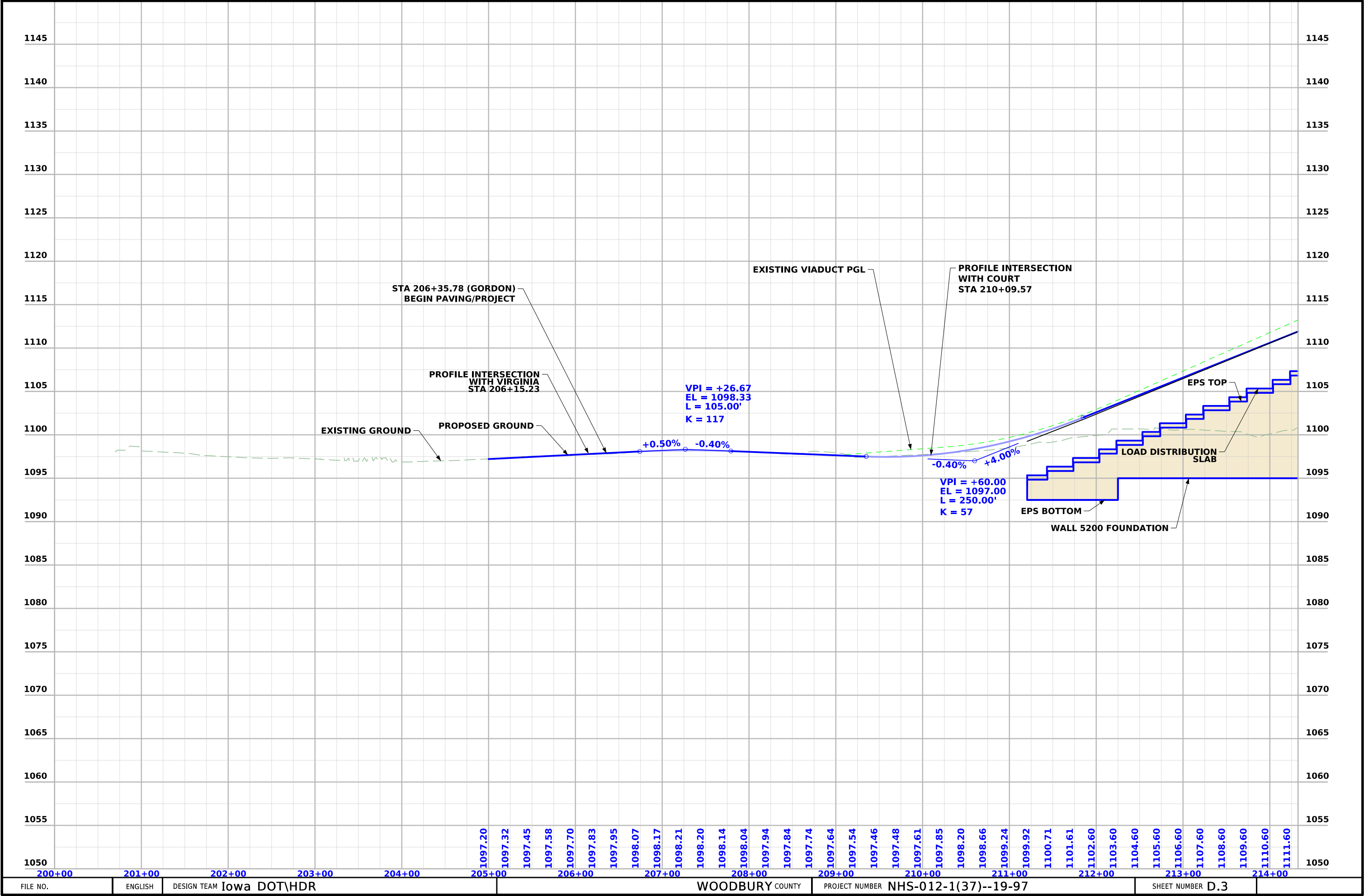
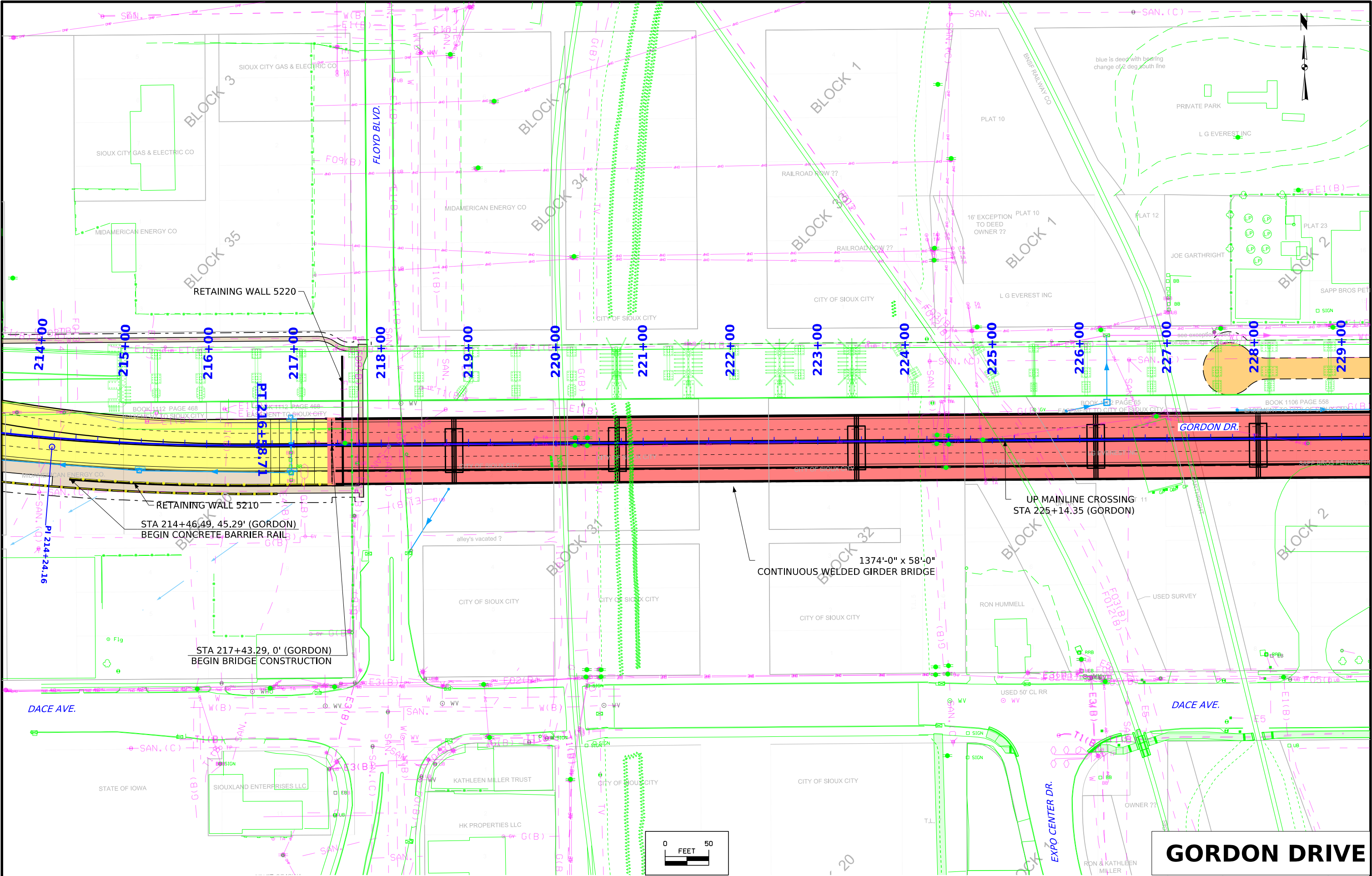
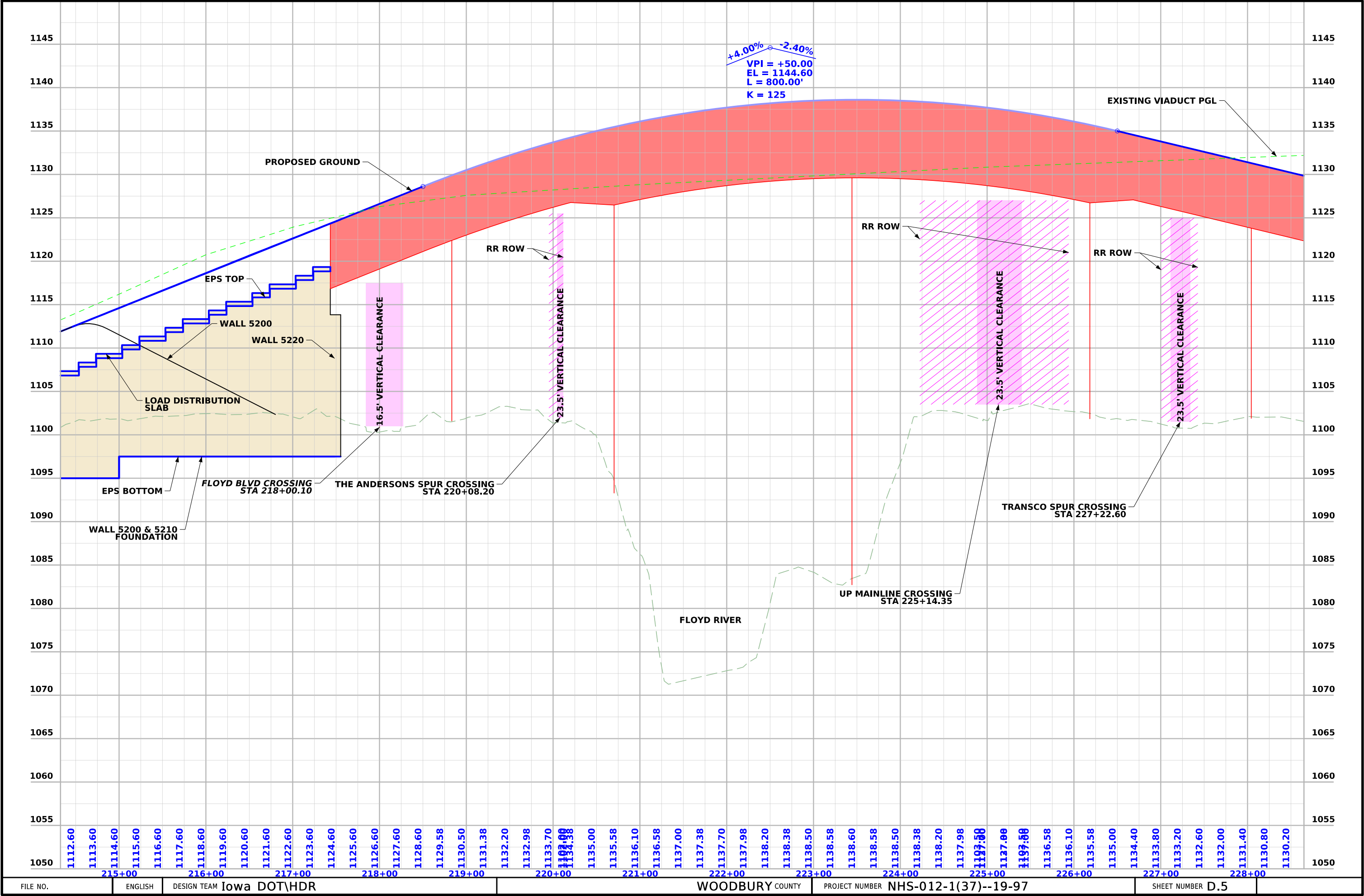


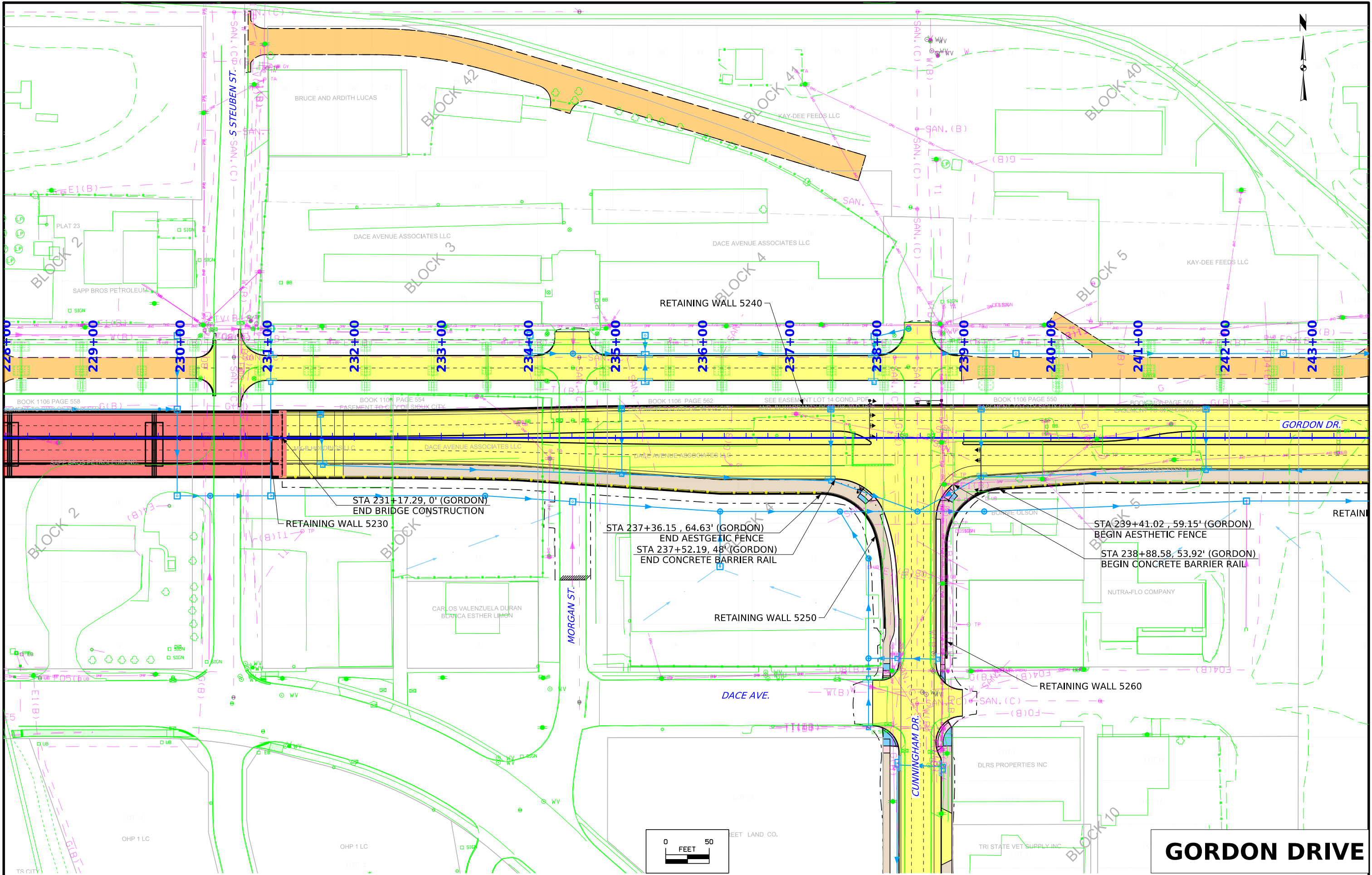
SURVEY SYMBOLS			UTILITY LEGEND			PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS		
	Interstate Highway Symbol			Septic Tank		LINEWORK Design Color No.		
	U.S. Highway Symbol			Cistern		Green	(2)	Existing Topographic Features and Labels
	Iowa Highway Symbol			L.P. Gas Tank (No Footing)		Blue	(1)	Proposed Alignment, Stationing, Tic Marks, and Alignment Annotation
	County Road Highway Symbol			Underground Storage Tank		Magenta	(5)	Existing Utilities
	Evergreen Tree			Latrine		SHADING Design Color No. Transparency		
	Deciduous Tree			Satellite TV Dish		Pink, Dark	(13)	Temporary Pavement Shading 50%
	Fruit Tree			Water Hook Up		Yellow	(4)	Proposed Pavement Shading 50%
	Shrub (Bushes)			Radio Tower		Orange	(6)	Proposed Granular Shading 50%
	Timber			Tower Anchor		Orange	(70)	Proposed Shoulder Granular Shading 50%
	Hedge			Guardrail (Beam or Cable)		Yellow	(68)	Proposed Shoulder Paved Full Depth Shading 50%
	Stump			Guard Post (one or two)		Yellow	(132)	Proposed Shoulder Paved Partial Depth Shading 50%
	Swamp			Guard Post (over two)		Brown, Light	(236)	Grading Shading 50%
	Rock Outcrop			Filler Pipe		Orange, Light	(134)	Proposed Granular Entrance Shading 50%
	Broken Concrete			Gas Valve		Yellow	(220)	Proposed Paved Entrance Shading 50%
	Revetment (Rip Rap)			Water Valve		Tan	(8)	Proposed Sidewalk Shading 50%
	Cemetery			Speed Limit Sign		Blue, Light	(230)	Proposed Sidewalk Landing Shading 50%
	Grave			Mile Marker Post		Pink	(11)	Proposed Sidewalk Ramp Shading 50%
	Cave			Sign		Red	(3)	Proposed Structure Shading 50%
	Sink Hole			Traffic Signal Control Box		Red	(3)	Delineates Restricted Areas 0%
	Board Fence			Rail Road Signal Control Box		PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS		
	Chain Link or Security Fence			Telephone Switch Box		LINEWORK Design Color No.		
	Wire Fence			Electric Box		Green	(10)	Existing Ground Line Profile
	Terrace					Blue	(1)	Proposed Profile and Annotation
	Earth Dam or Dike (Existing)					Magenta	(5)	Existing Utilities
	Tile Outlet					Blue, Light	(230)	Proposed Ditch Grades, Left
	Edge of Water					Black	(0)	Proposed Ditch Grades, Median
	Existing Drainage					Rust	(14)	Proposed Ditch Grades, Right
	Right of Way Rail or Lot Corner					Reference Point Station Survey Line Section Corner Ground Line Intercept Saw Cut Guardrail Trench Drain HighTension Cable Guardrail Sheet Pile Pavement Removal Clearing & Grubbing Area		
	Concrete Monument							
	Well					RIGHT-OF-WAY LEGEND Proposed Right-of-Way Symbol Proposed Right-of-Way Line Existing Right of Way Existing and Proposed Right-of-Way Easement and Existing Right-of-Way Easement (Temporary) Symbol Easement (Temporary) Line Easement C/A Access Control Property Line Symbol Property Line		
	Beehive Intake							
	Existing Intake					PLAN AND PROFILE LEGEND AND SYMBOL INFORMATION SHEET		
	Existing Utility Access (Manhole)							
	Fire Hydrant					(COVERS SHEET SERIES D, E, F, & K)		
	Water Hydrant (Rural)							
FILE NO.			UTILITY LEGEND			PLAN VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS		
ENGLISH			UTILITY LEGEND			PROFILE VIEW COLOR LEGEND OF PLAN AND PROFILE SHEETS		
DESIGN TEAM Iowa DOT\HDR			UTILITY LEGEND			RIGHT-OF-WAY LEGEND		
WOODBURY COUNTY			UTILITY LEGEND			RIGHT-OF-WAY LEGEND		
PROJECT NUMBER NHS-012-1(37)--19-97			UTILITY LEGEND			RIGHT-OF-WAY LEGEND		
SHEET NUMBER D.1			UTILITY LEGEND			RIGHT-OF-WAY LEGEND		
1:16:18 PM 11/19/2024			UTILITY LEGEND			RIGHT-OF-WAY LEGEND		
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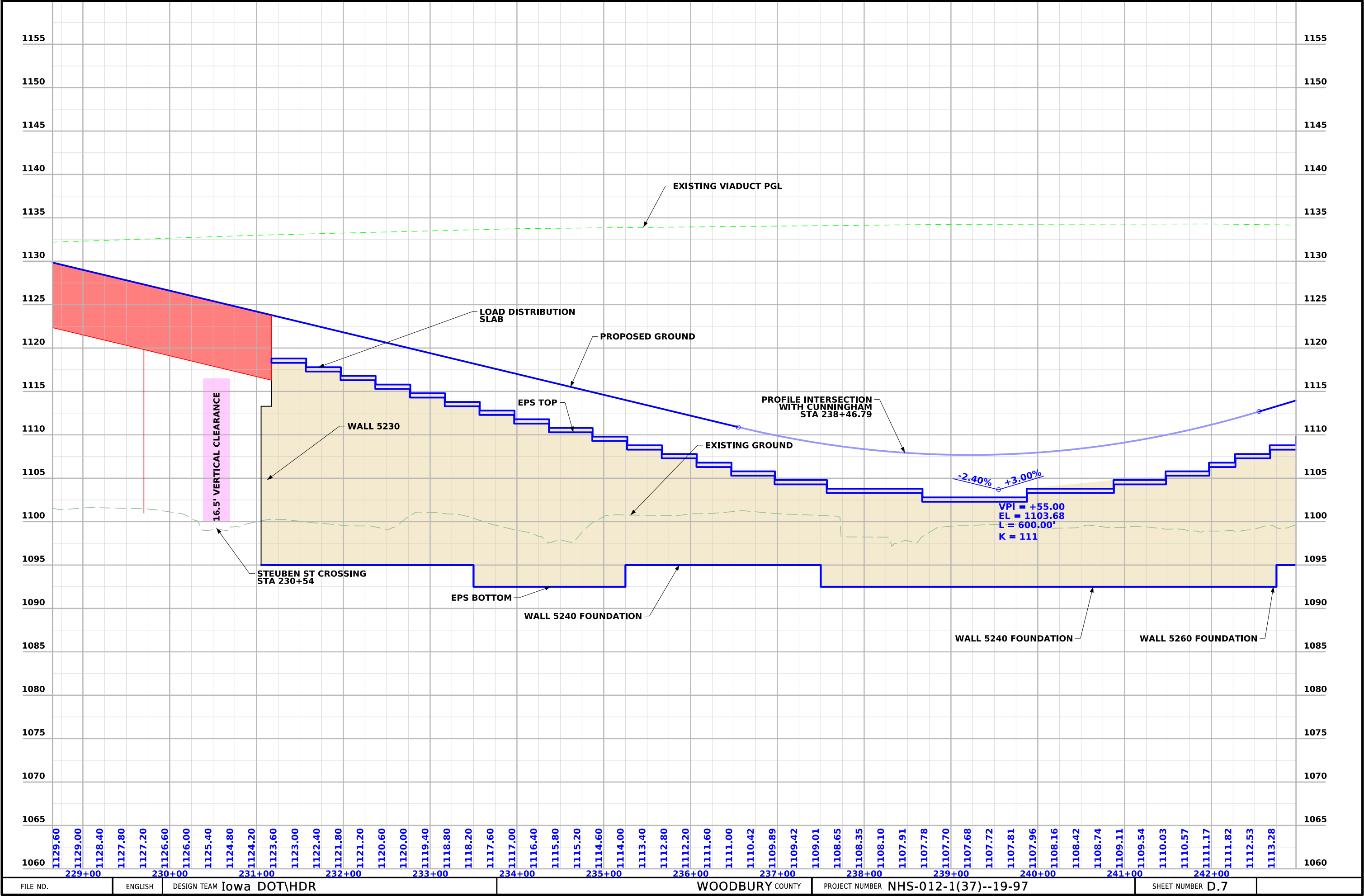


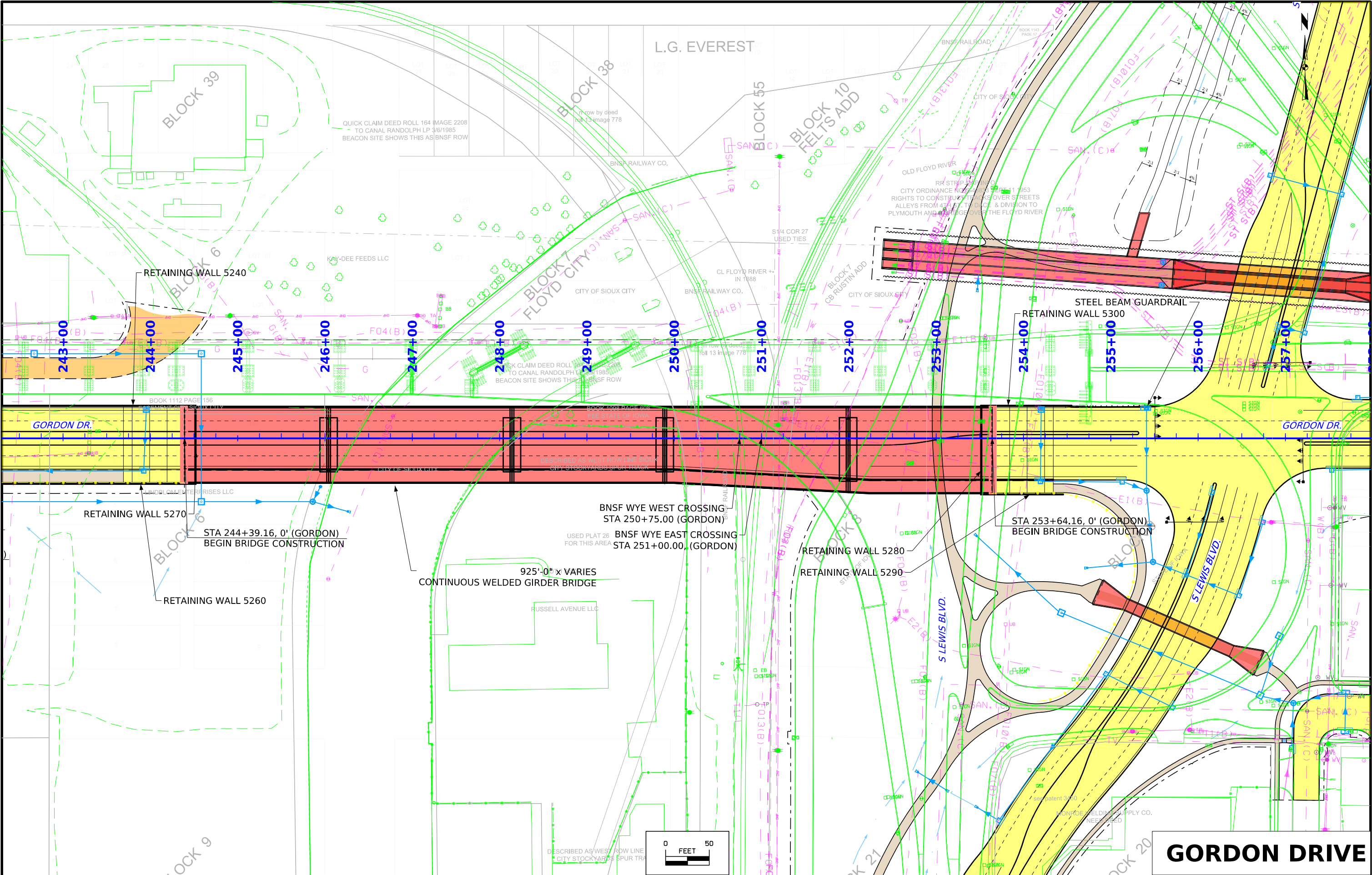


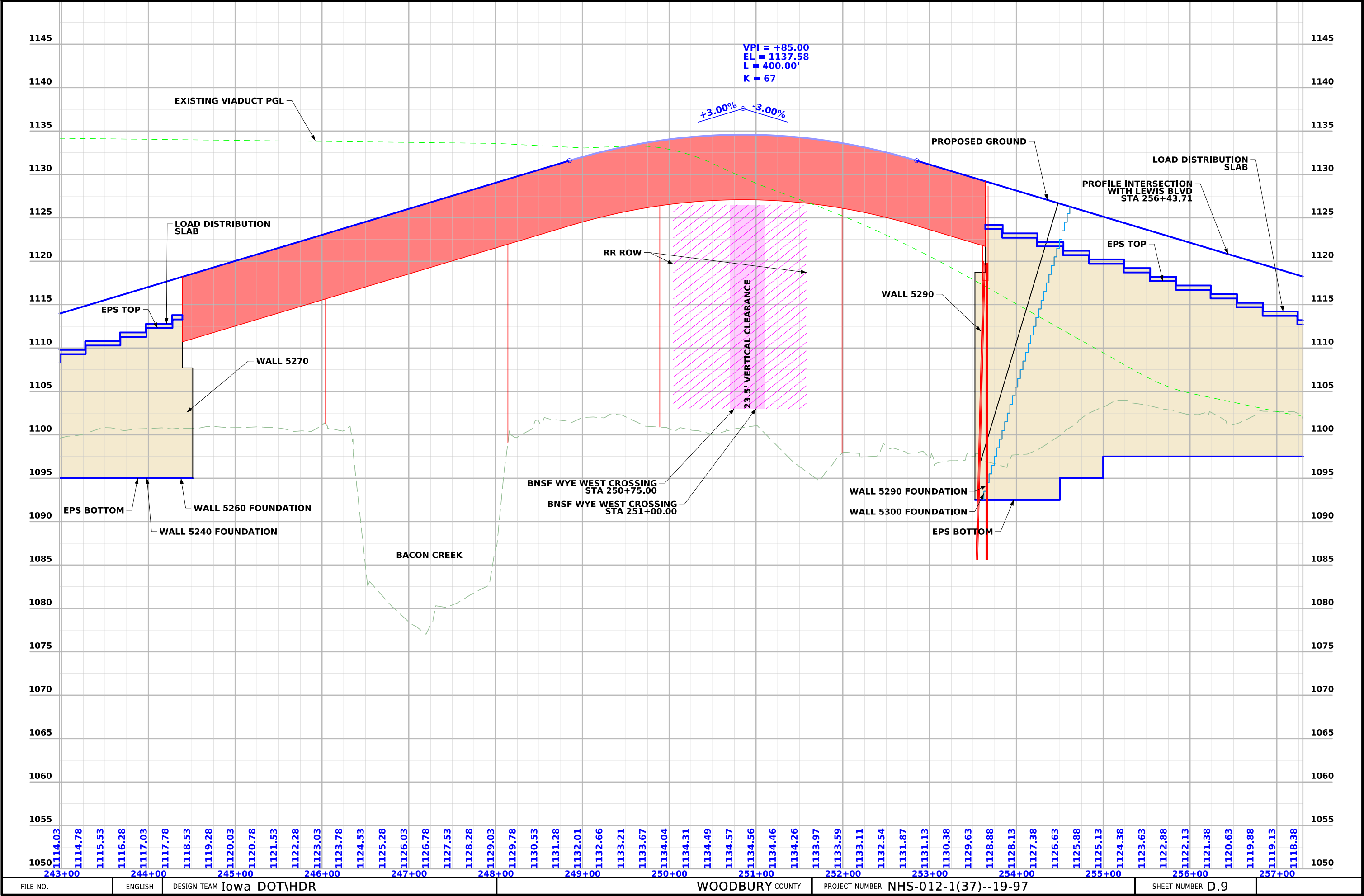


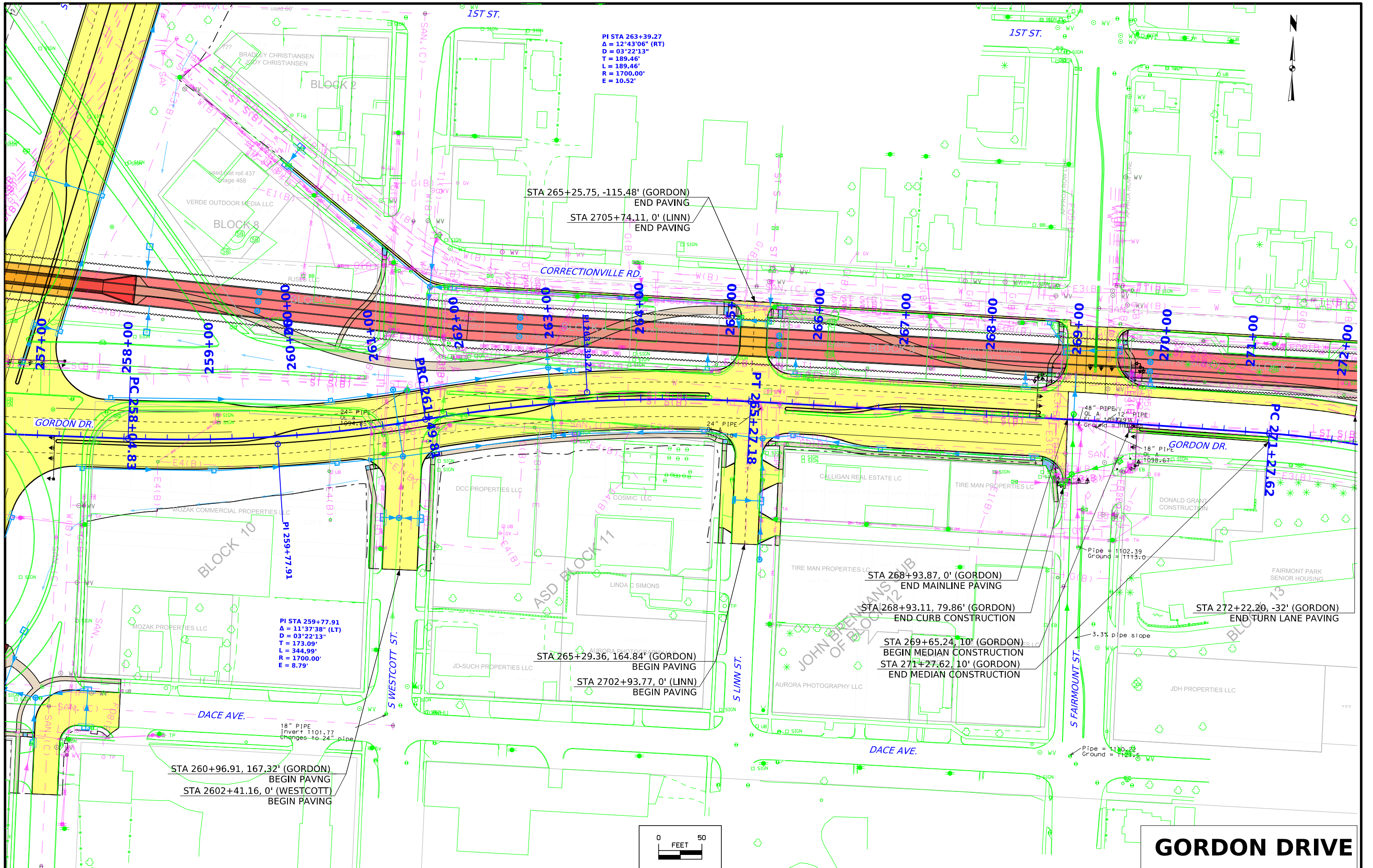


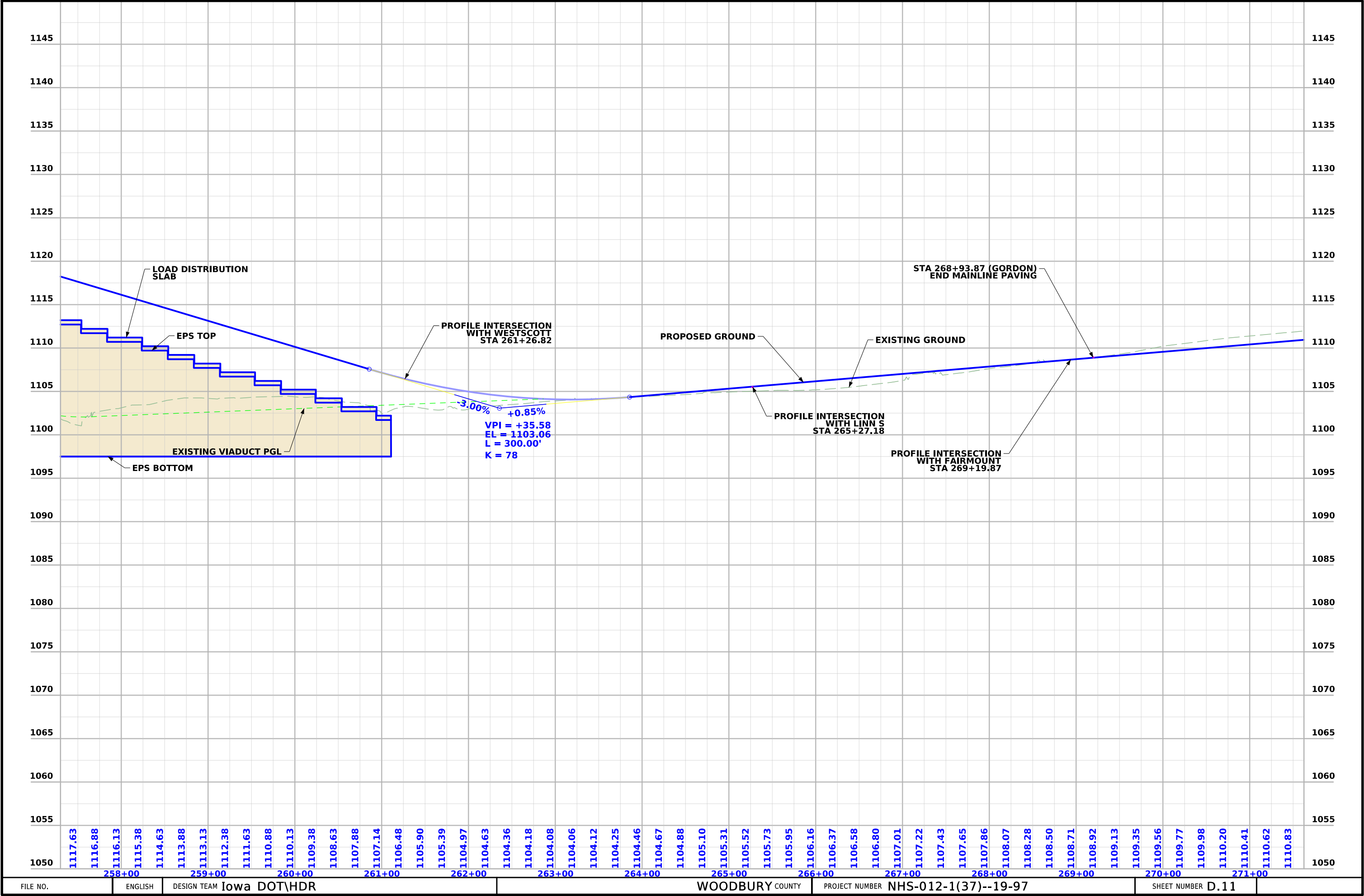


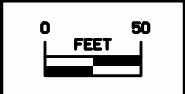
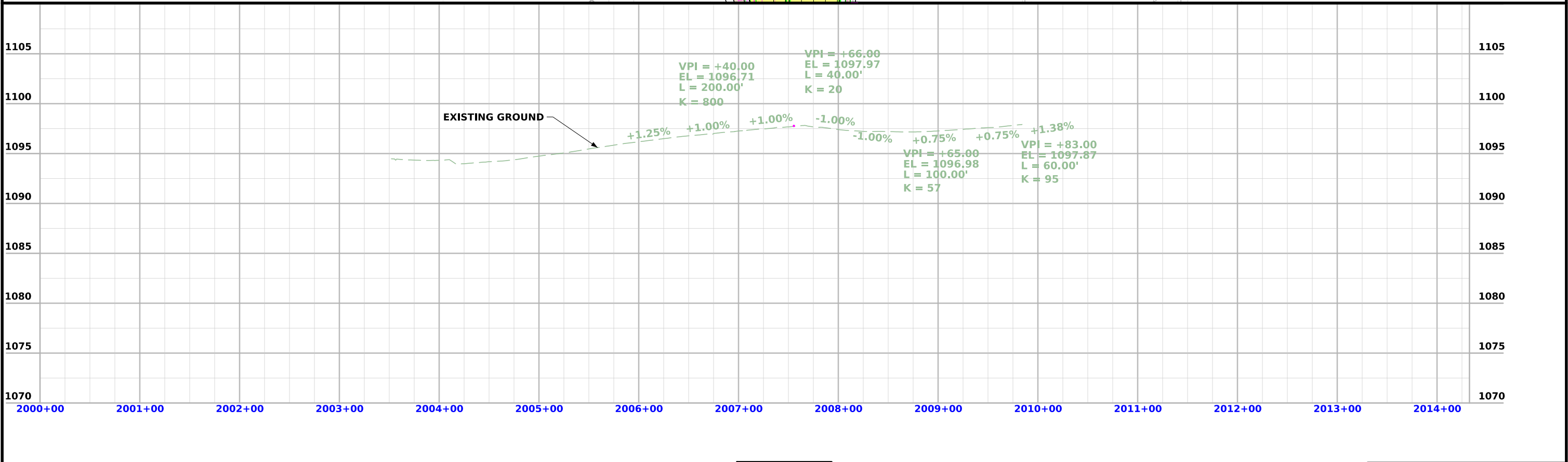
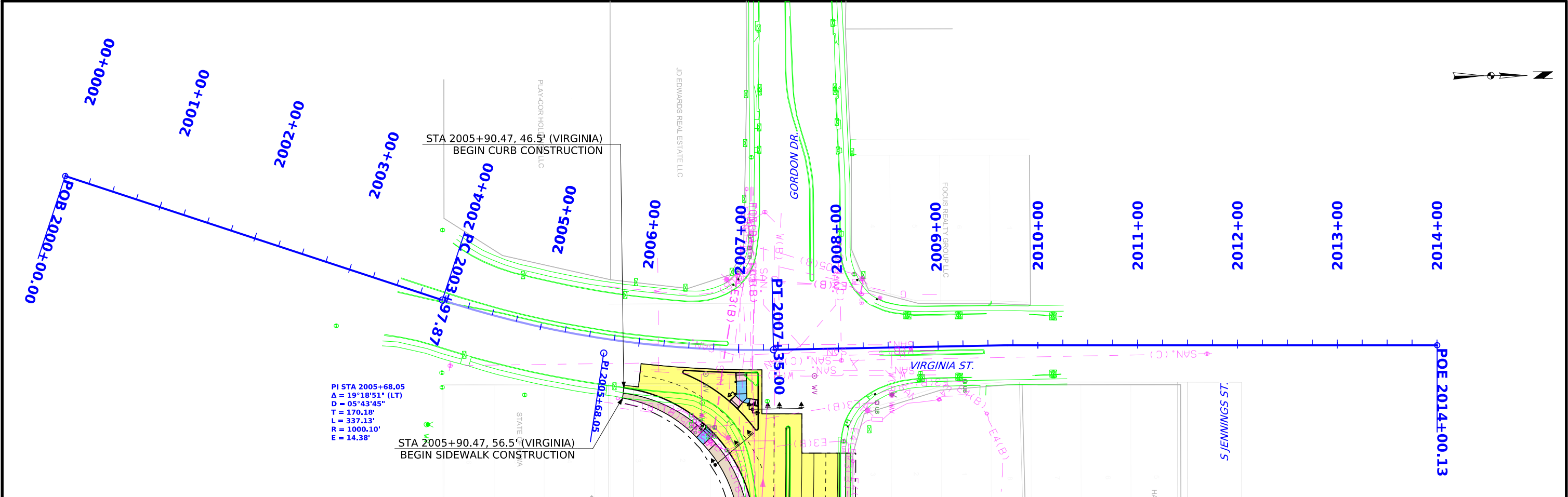






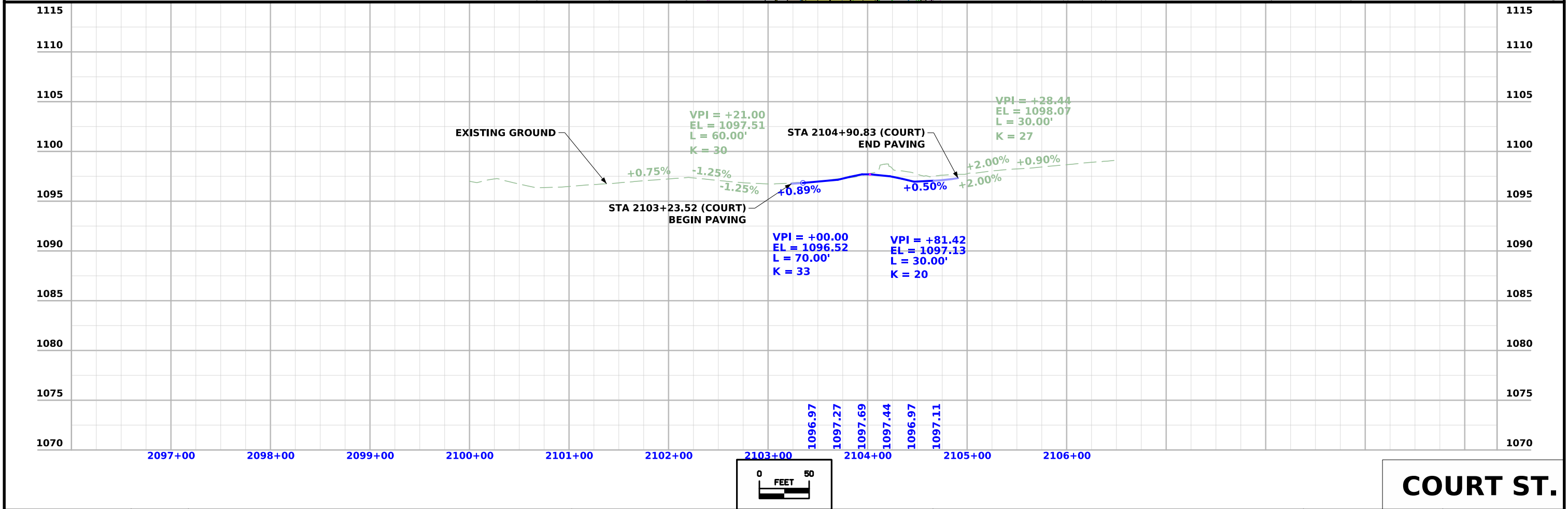
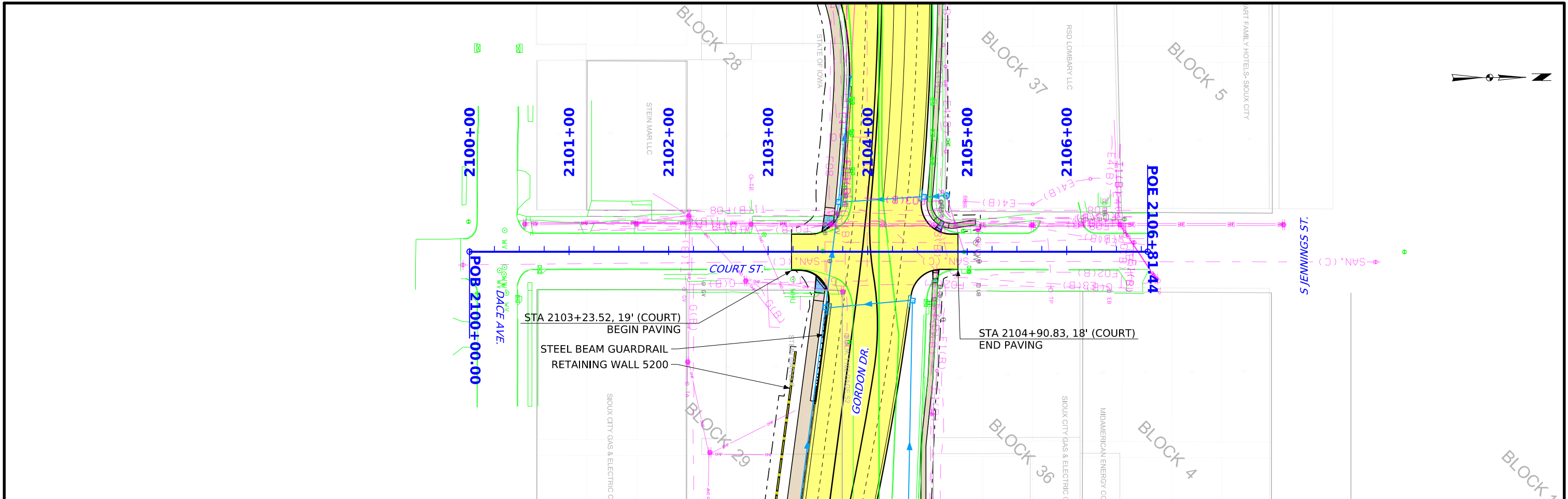


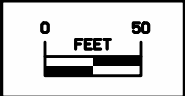
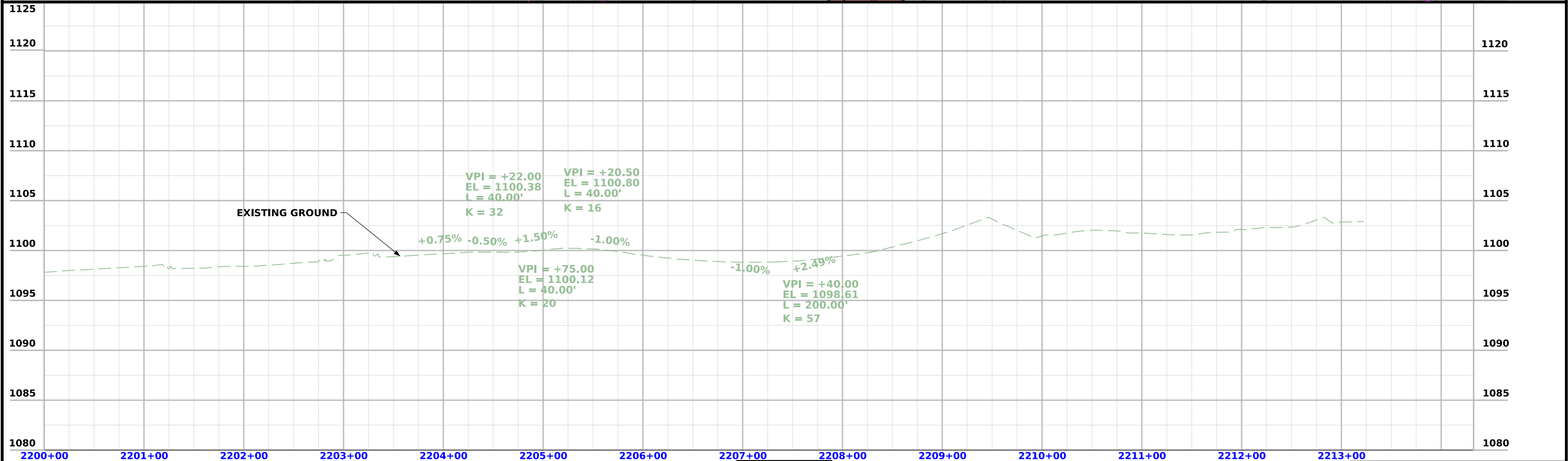
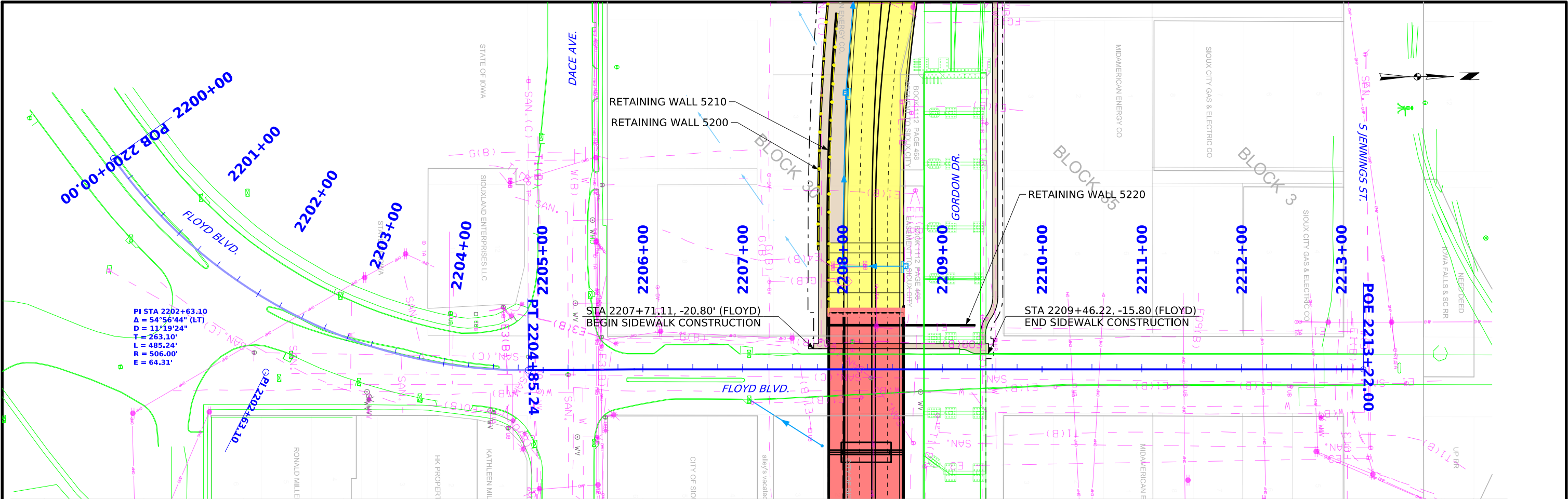




VIRGINIA ST.

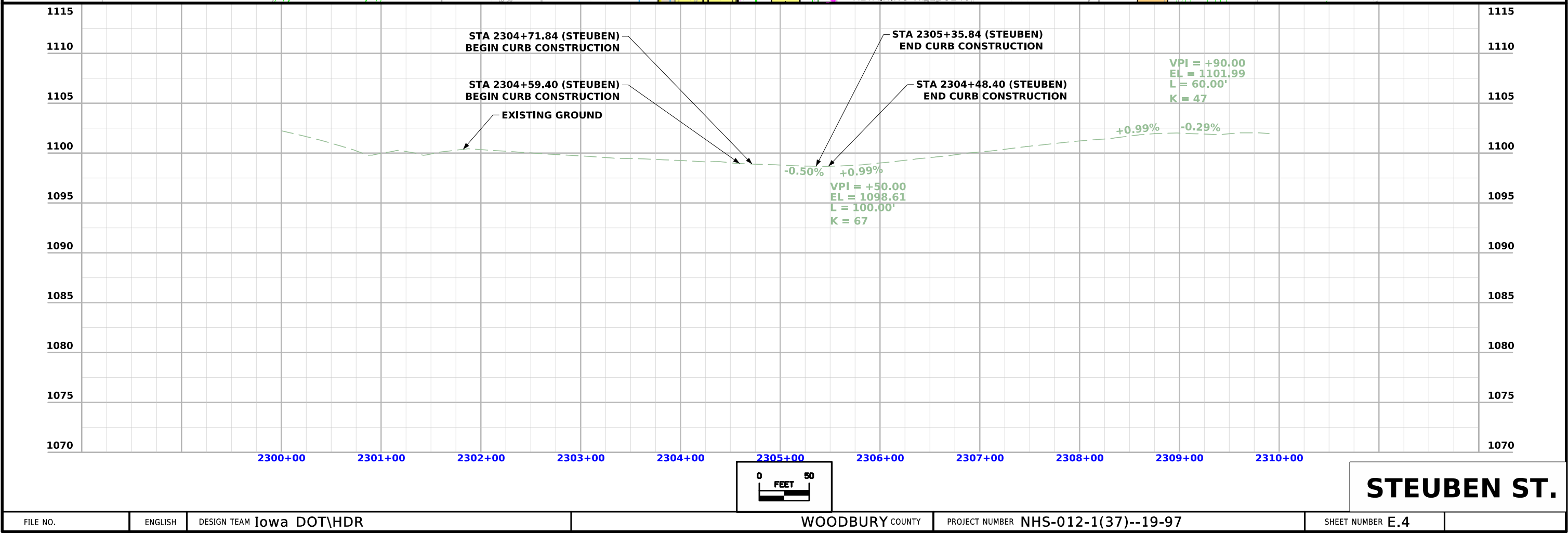
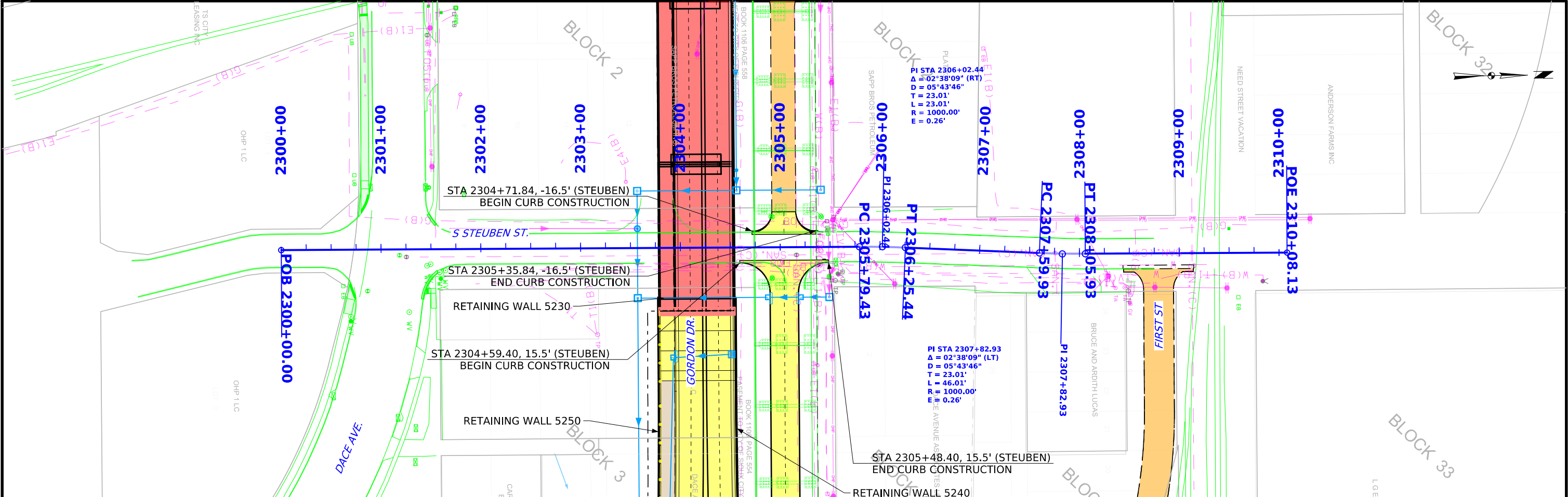
FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	WOODBURY COUNTY	PROJECT NUMBER NHS-012-1(37)--19-97	SHEET NUMBER E.1
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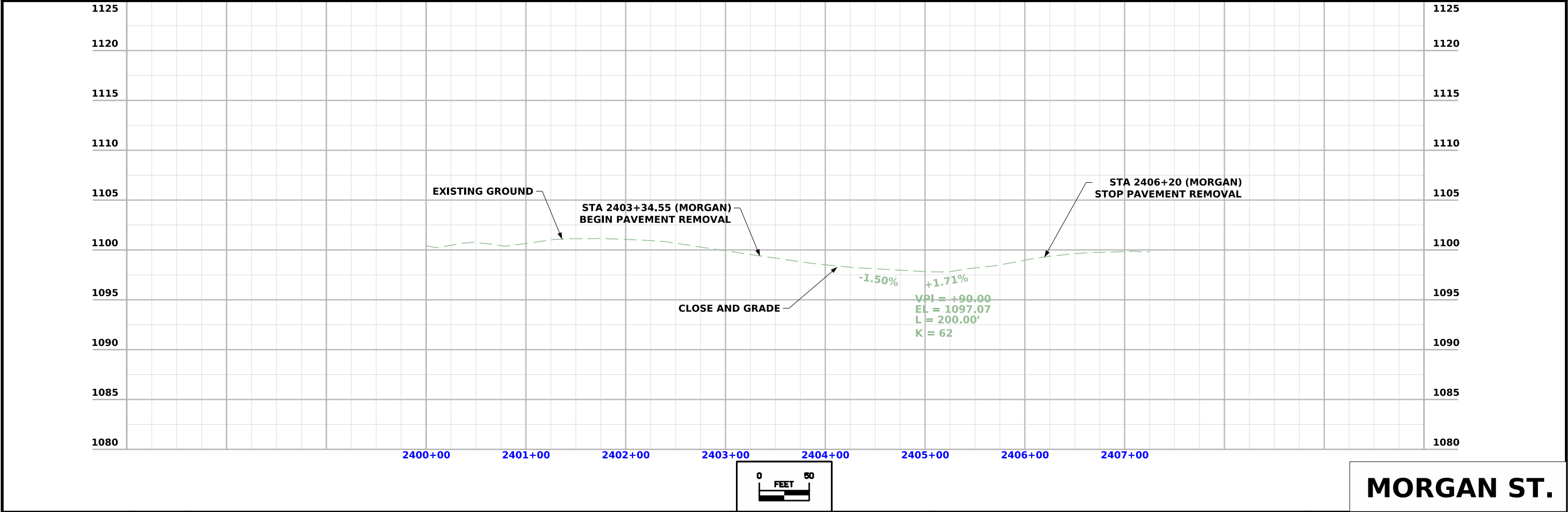
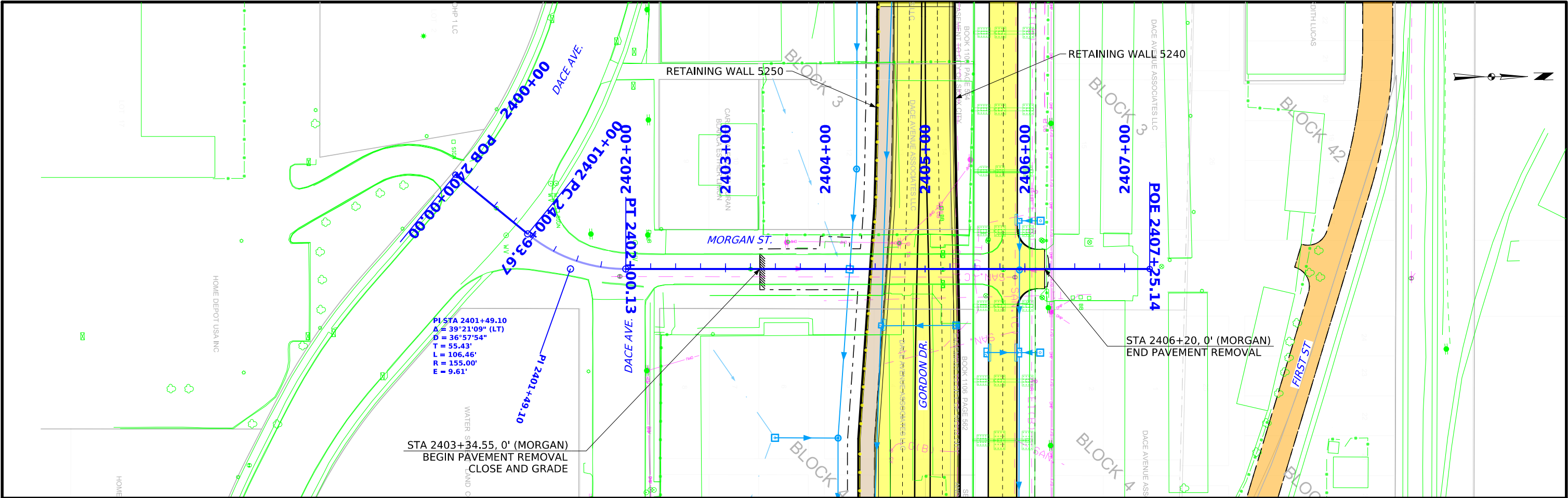




FLOYD BLVD.

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	WOODBURY COUNTY	PROJECT NUMBER NHS-012-1(37)--19-97	SHEET NUMBER E.3
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TRAFFIC SIGNAL FACES
All Signal Faces Shall be 12" LED

● R

● Y

● G

Head No.
41, 42, 43

← R

← SY

← FY

← G

Head No.
71

● R

● Y

● G

Head No.
62, 63, 64

Head No.
66, 67, 68, 84

SIGNS
Signs and mounting brackets to be furnished by the Contractor

MUTCD # R3-6L

3'0" x 3'6"
QTY: 1

MUTCD # R3-6R

3'0" x 3'6"
QTY: 1

MUTCD # D3-1
Virginia St
9'0" x 24"
QTY: 1

MUTCD # R10-3e(R)

9' x 15"
QTY: 6

MUTCD # R10-3e(L)

9' x 15"
QTY: 4

TRAFFIC SIGNAL INSTALLATION DETAILS				
ITEM	ID NO.	STATION	SIDE	OFFSET
Signal Pole 50'	01	207+30.4	Rt	78.8
Signal Pole 50'	02	206+74.8	Rt	56.4
Pedestal Pole 12'	03	206+95.8	Rt	103.8
Pedestal Pole 12'	04	206+59.6	Rt	61.9
Pedestrian Push Button Pole	05	206+63.5	Rt	50.9
Pedestrian Push Button Pole	06	206+47.2	Rt	58.4
Pedestrian Push Button Pole	07	205+49.8	Rt	60.7
Pedestrian Push Button Pole	08	205+44.4	Rt	55.7
Pedestrian Push Button Pole	09	205+46.3	Lt	63.5
Pedestrian Push Button Pole	10	205+65.7	Lt	83.2
Pedestrian Push Button Pole	11	206+61.0	Lt	81.3
Pedestrian Push Button Pole	12	206+93.1	Lt	54.8
Handhole, LI-103 Type II, Tier 15	01	207+08.2	Rt	95.5
Handhole, LI-103 Type II, Tier 15	02	206+76.6	Rt	48.9

LUMINAIRE ARM LAYOUT

Pole #1
Luminaire Arm
Mastarm
∠ = 0°

Pole #2
Luminaire Arm
Mastarm
∠ = 0°

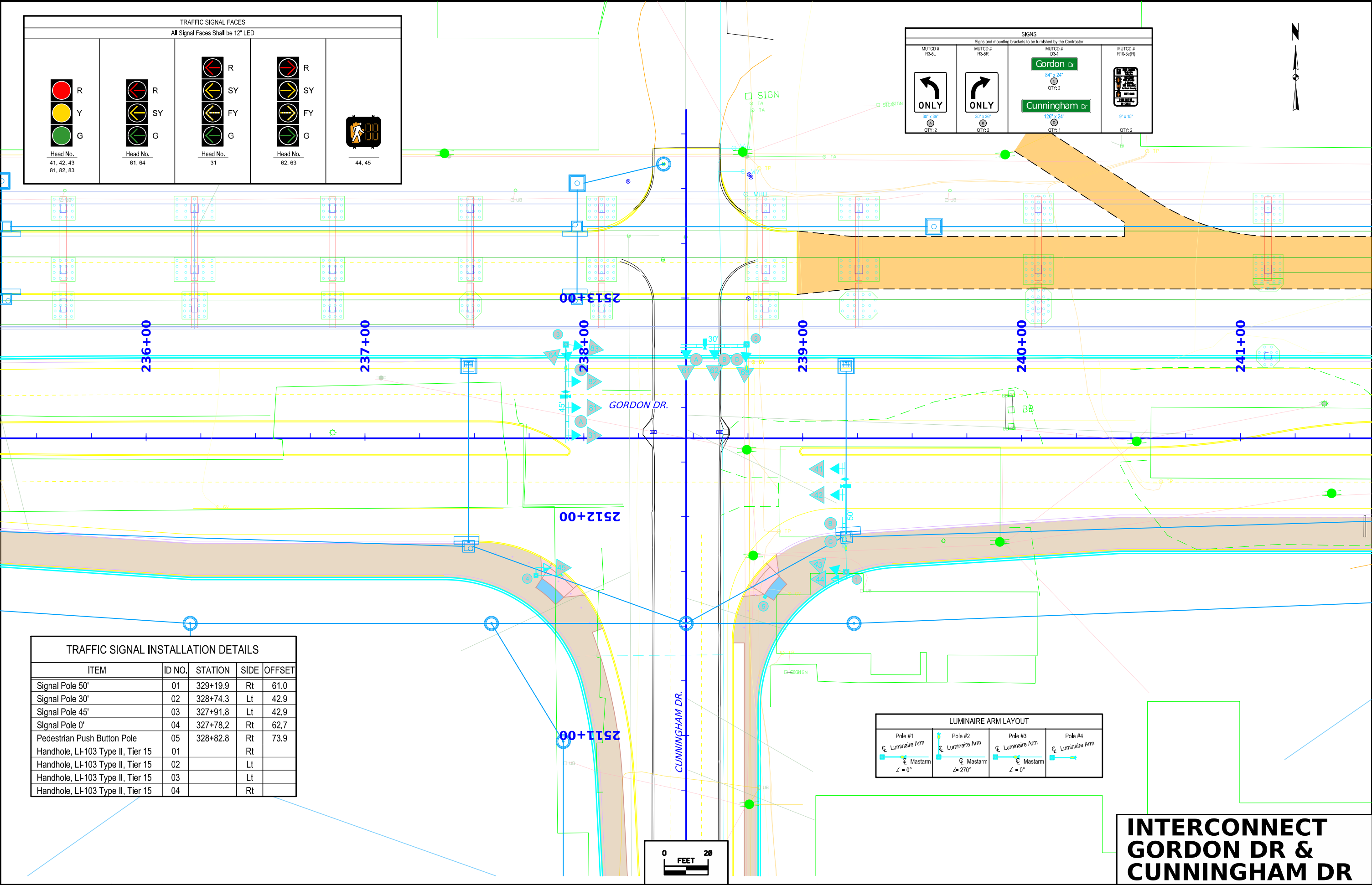
INTERCONNECT
GORDON DR &
CUNNINGHAM DR

TRAFFIC SIGNAL FACES				
All Signal Faces Shall be 12" LED				
Head No. 41, 42, 43 81, 82, 83	Head No. 61, 64	Head No. 31	Head No. 62, 63	Head No. 44, 45

SIGNS			
Signs and mounting brackets to be furnished by the Contractor			
MUTCD # R3-SL 30" x 36" QTY: 2	MUTCD # R3-SR 30" x 36" QTY: 2	MUTCD # D3-1 84" x 24" QTY: 2 126" x 24" QTY: 1	MUTCD # R10-36(R) 9" x 15" QTY: 2

TRAFFIC SIGNAL INSTALLATION DETAILS				
ITEM	ID NO.	STATION	SIDE	OFFSET
Signal Pole 50'	01	329+19.9	Rt	61.0
Signal Pole 30'	02	328+74.3	Lt	42.9
Signal Pole 45'	03	327+91.8	Lt	42.9
Signal Pole 0'	04	327+78.2	Rt	62.7
Pedestrian Push Button Pole	05	328+82.8	Rt	73.9
Handhole, LI-103 Type II, Tier 15	01		Rt	
Handhole, LI-103 Type II, Tier 15	02		Lt	
Handhole, LI-103 Type II, Tier 15	03		Lt	
Handhole, LI-103 Type II, Tier 15	04		Rt	

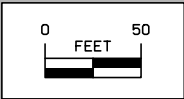
LUMINAIRE ARM LAYOUT			
Pole #1 ☉ Luminaire Arm ☉ Mastarm ∠ = 0°	Pole #2 ☉ Luminaire Arm ☉ Mastarm ∠ = 270°	Pole #3 ☉ Luminaire Arm ☉ Mastarm ∠ = 0°	Pole #4 ☉ Luminaire Arm



INTERCONNECT

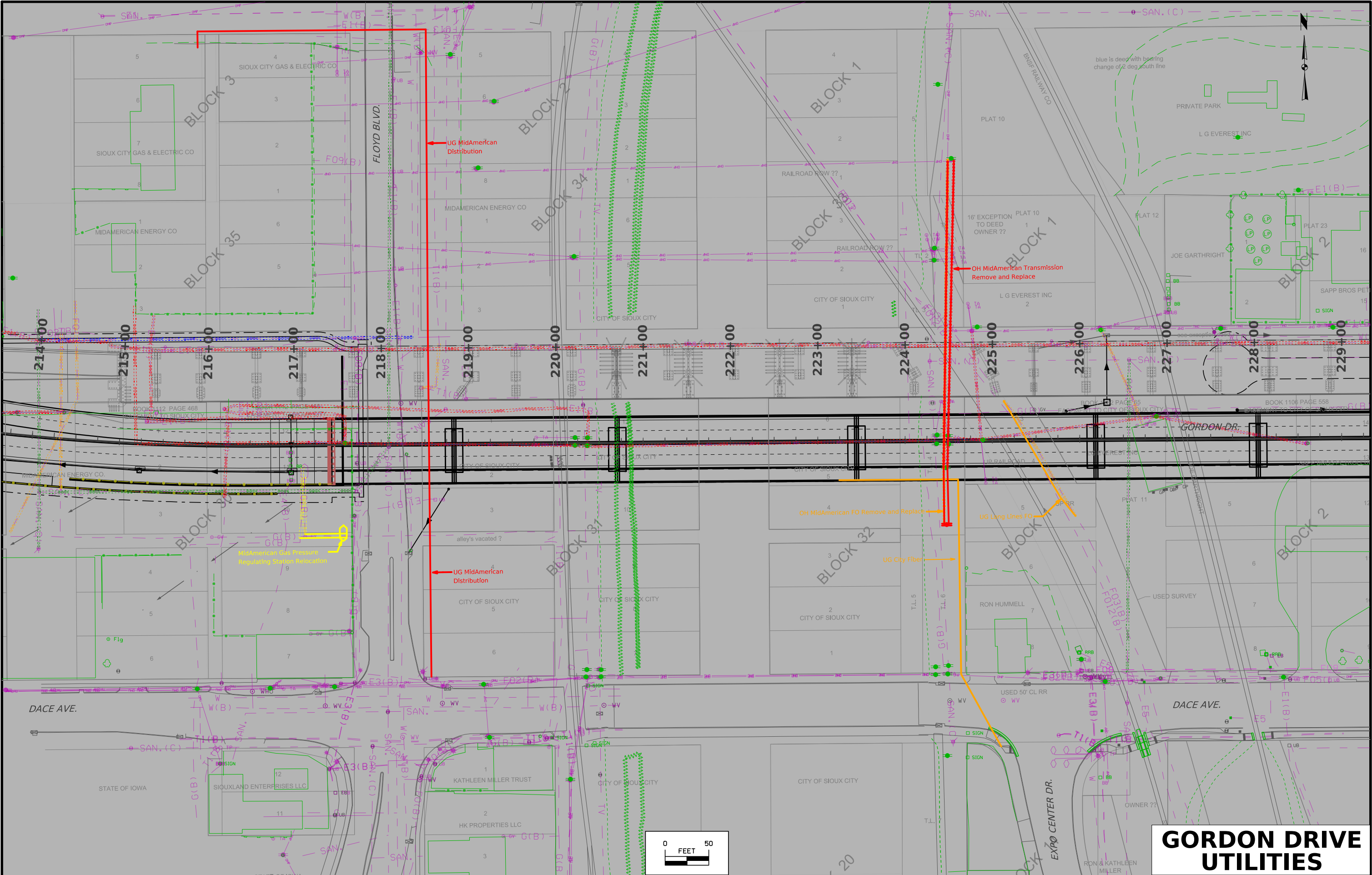
GORDON DR &

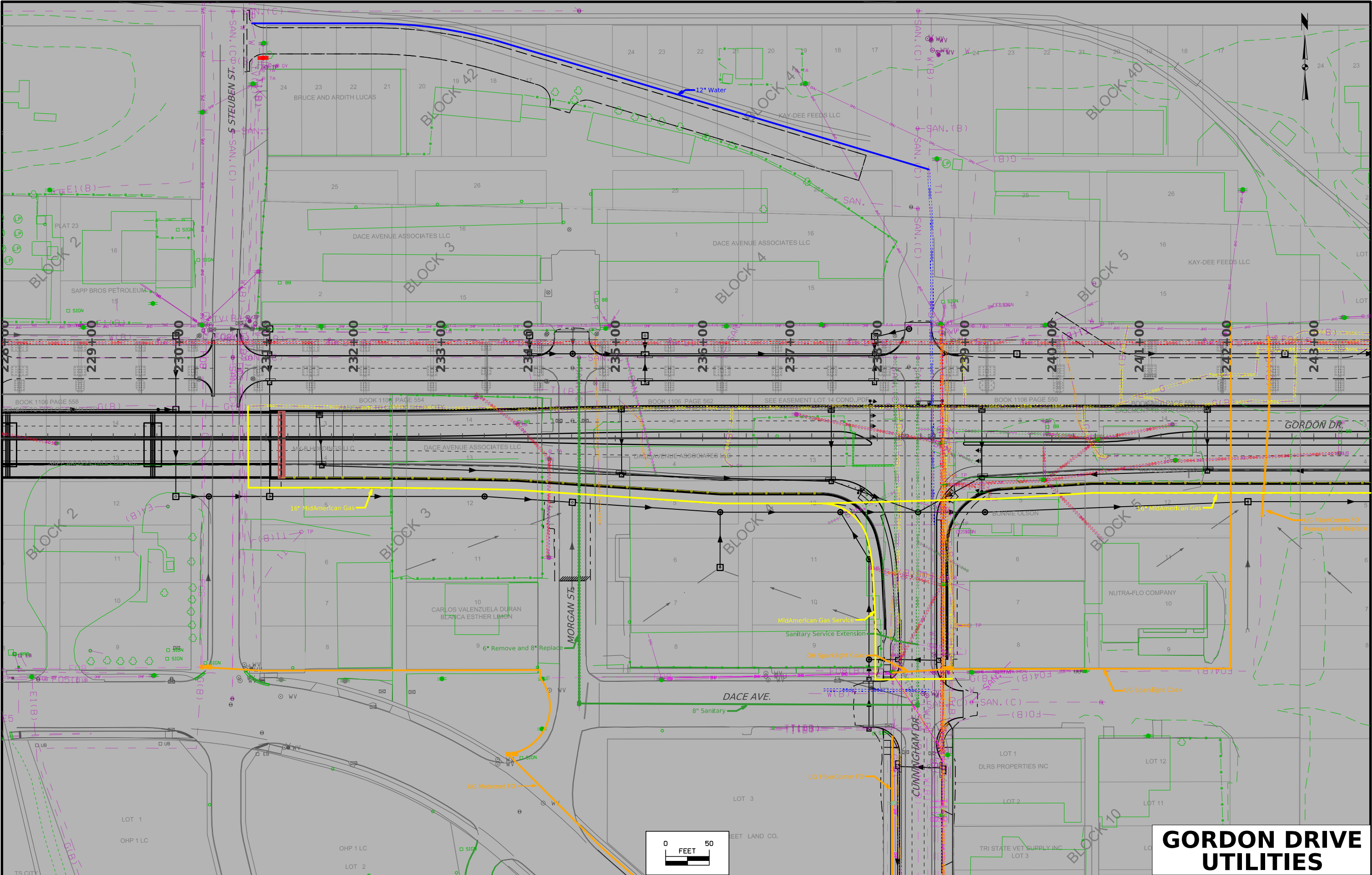
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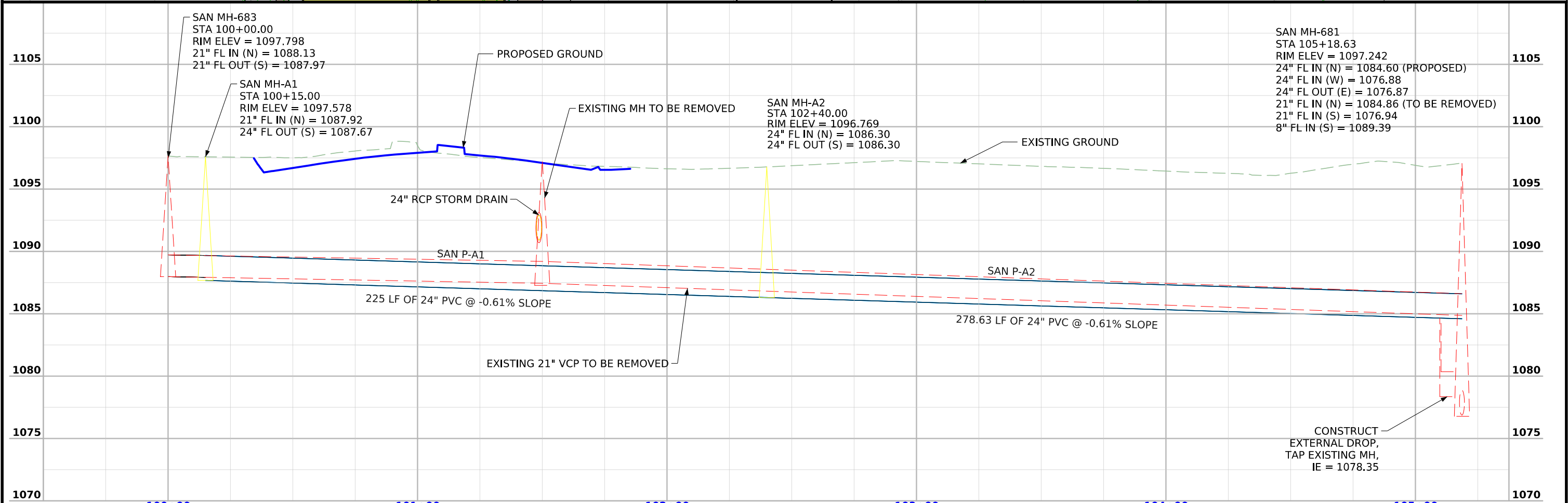
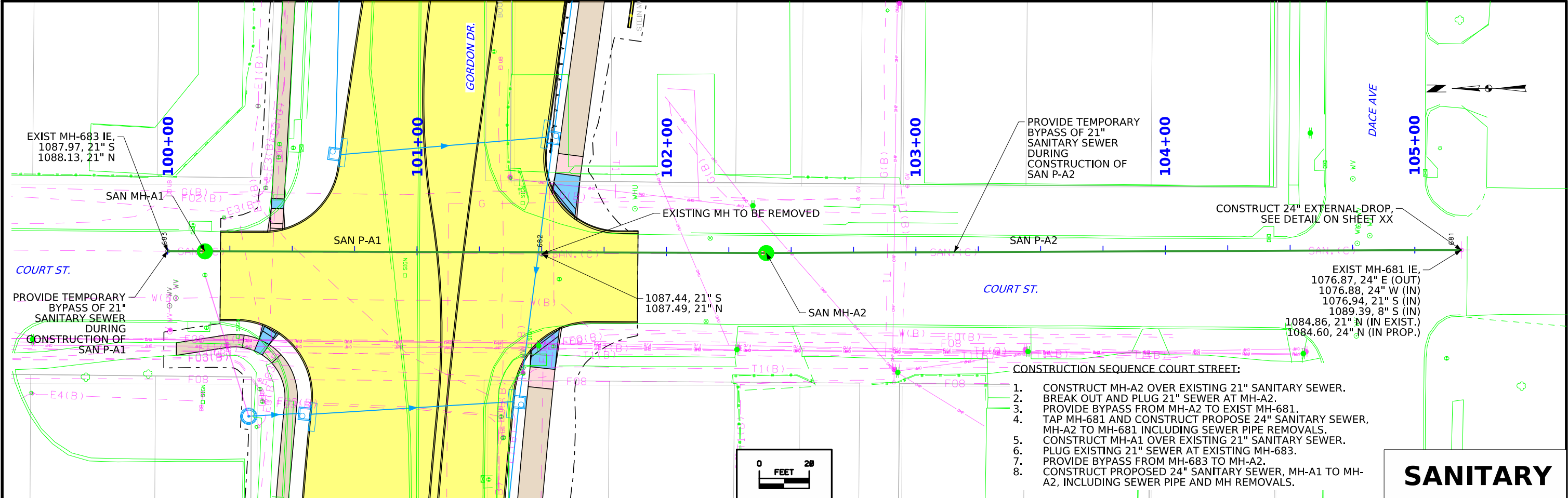
GORDON DRIVE UTILITIES

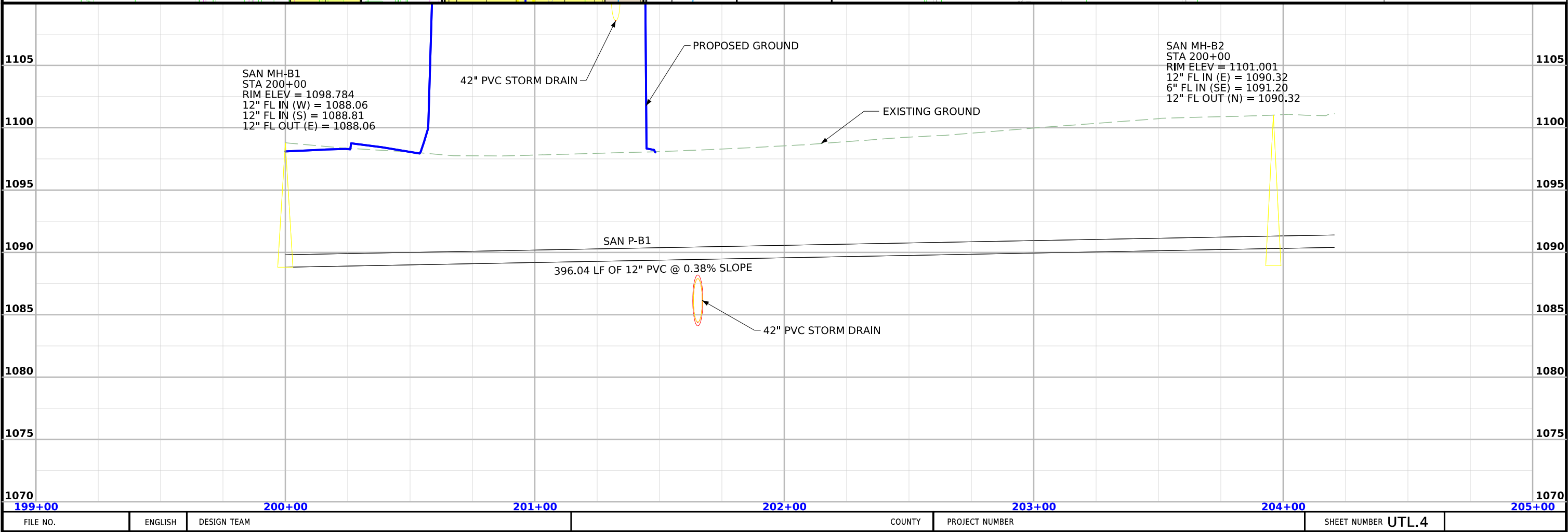
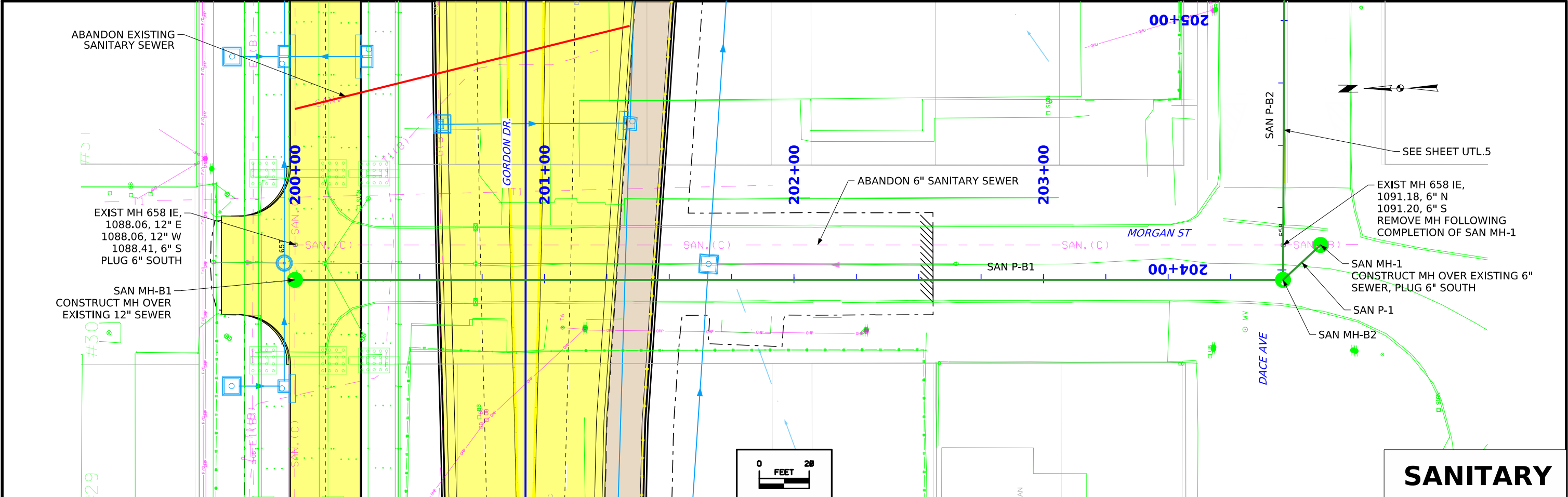
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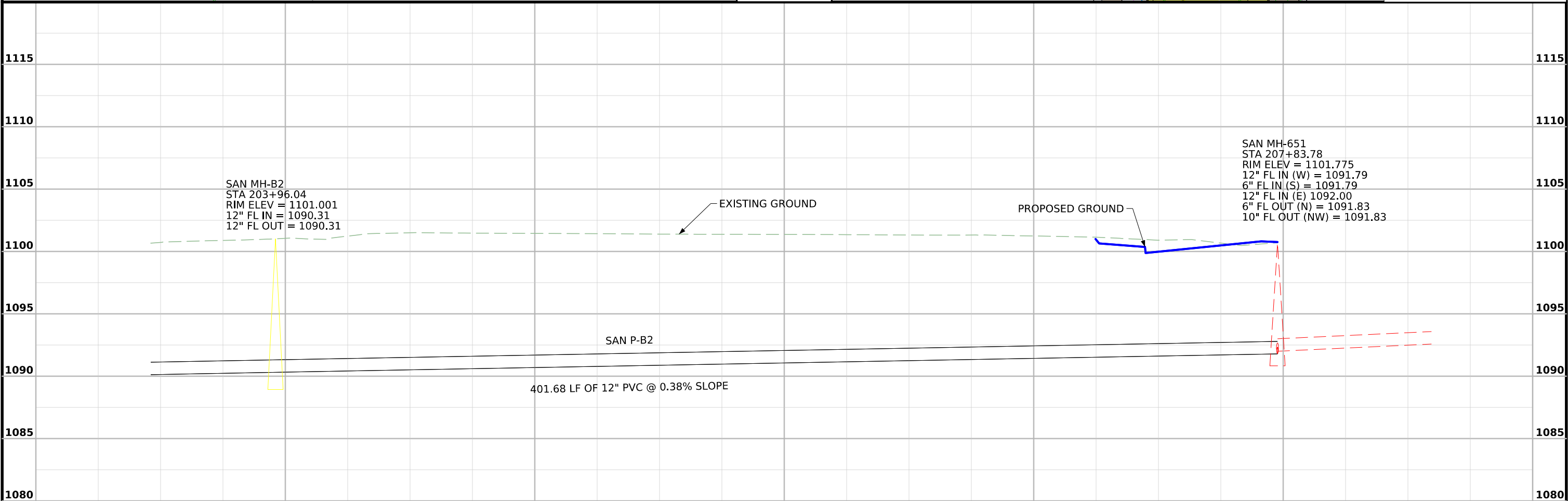
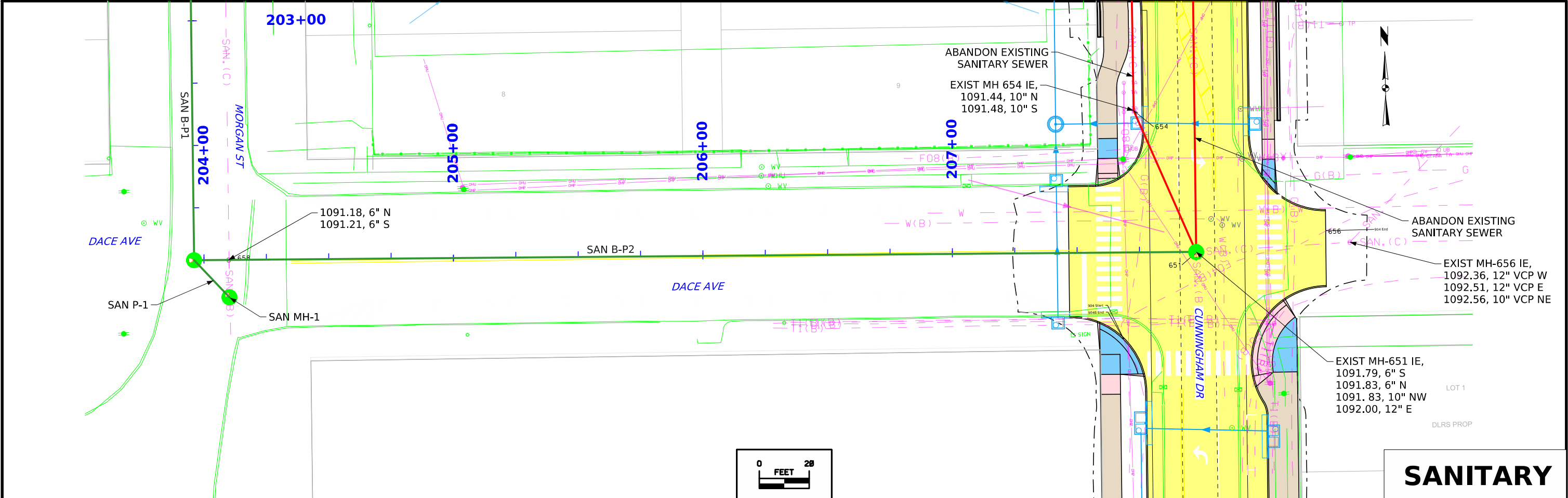




FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	WOODBURY COUNTY	PROJECT NUMBER NHS-012-1(37)--19-97	SHEET NUMBER U.7
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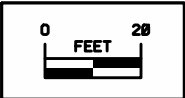
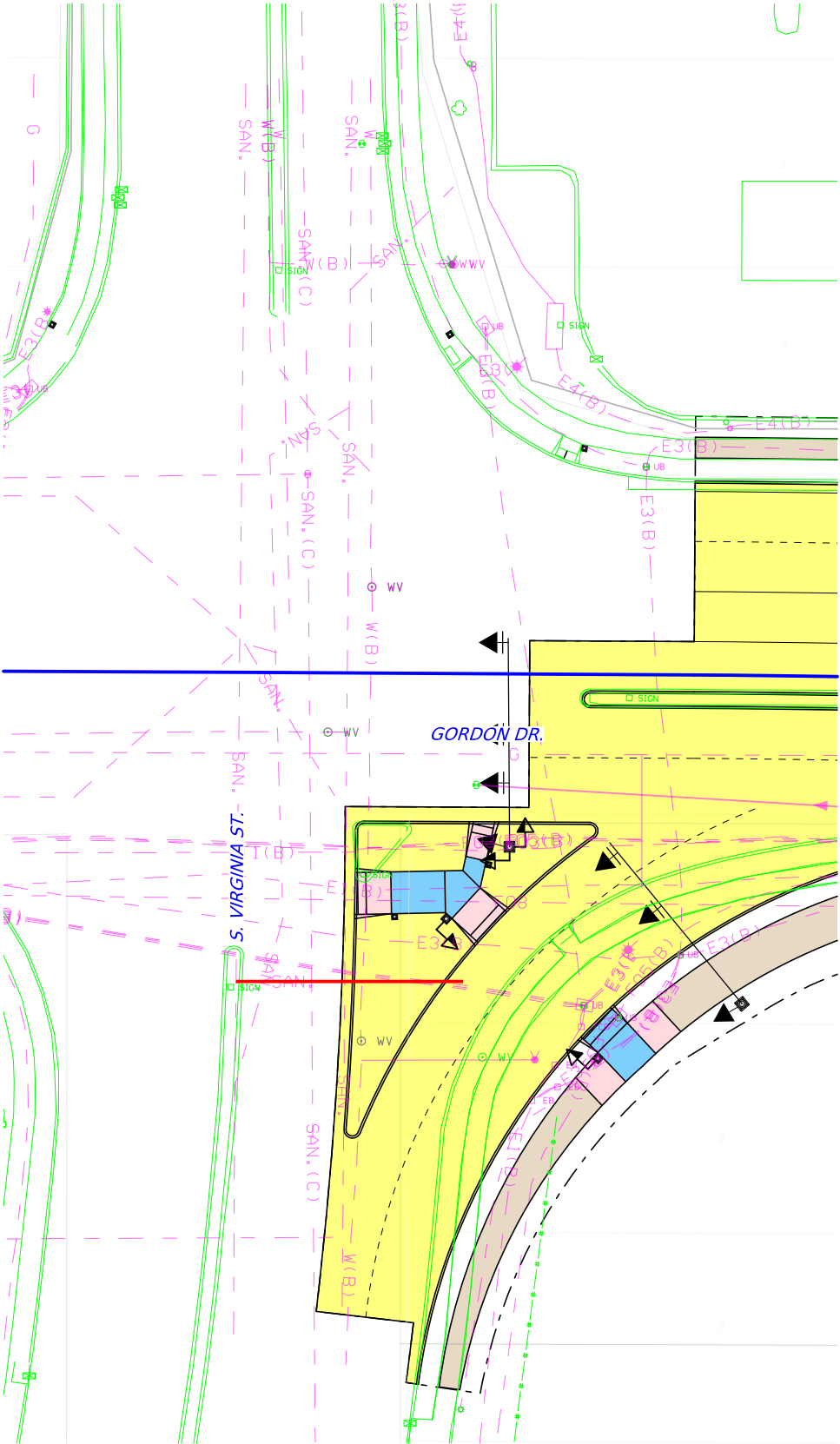






FILE NO.	ENGLISH	DESIGN TEAM	COUNTY	PROJECT NUMBER	SHEET NUMBER	UTL.5
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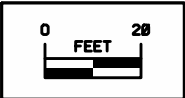
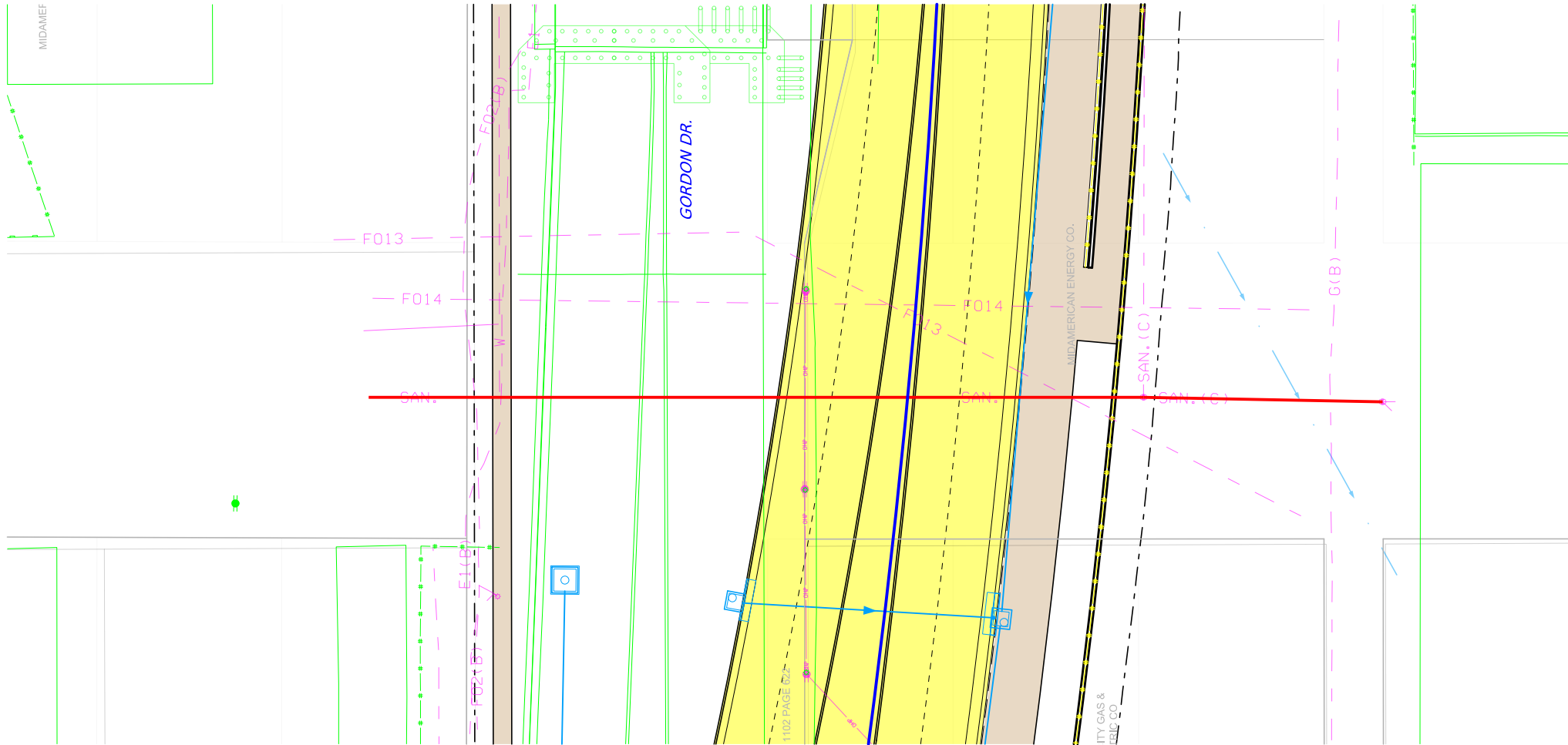
AN-1



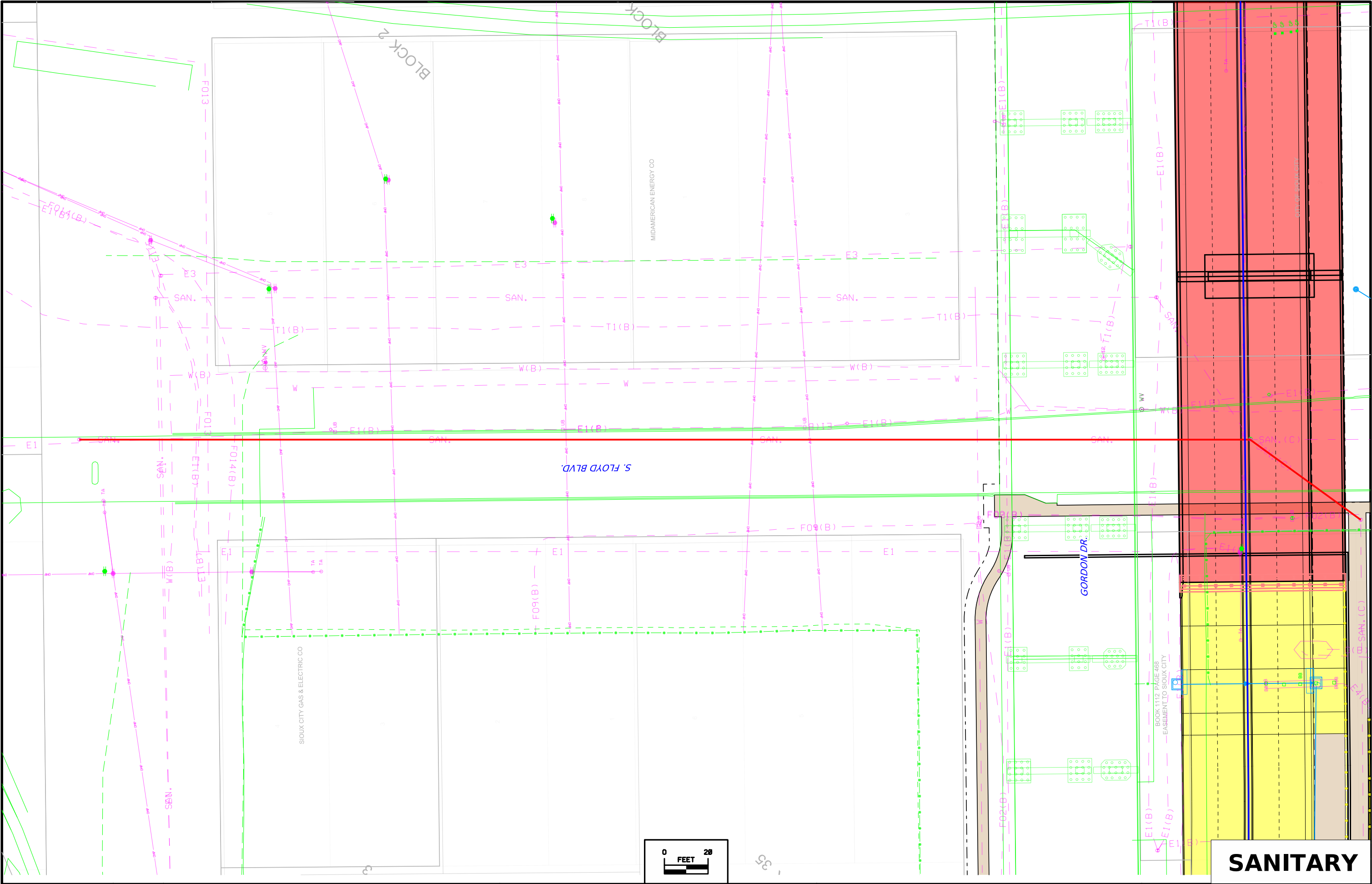
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FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	WOODBURY COUNTY	PROJECT NUMBER NHS-012-1(37)--19-97	SHEET NUMBER UTL.14
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AN-2

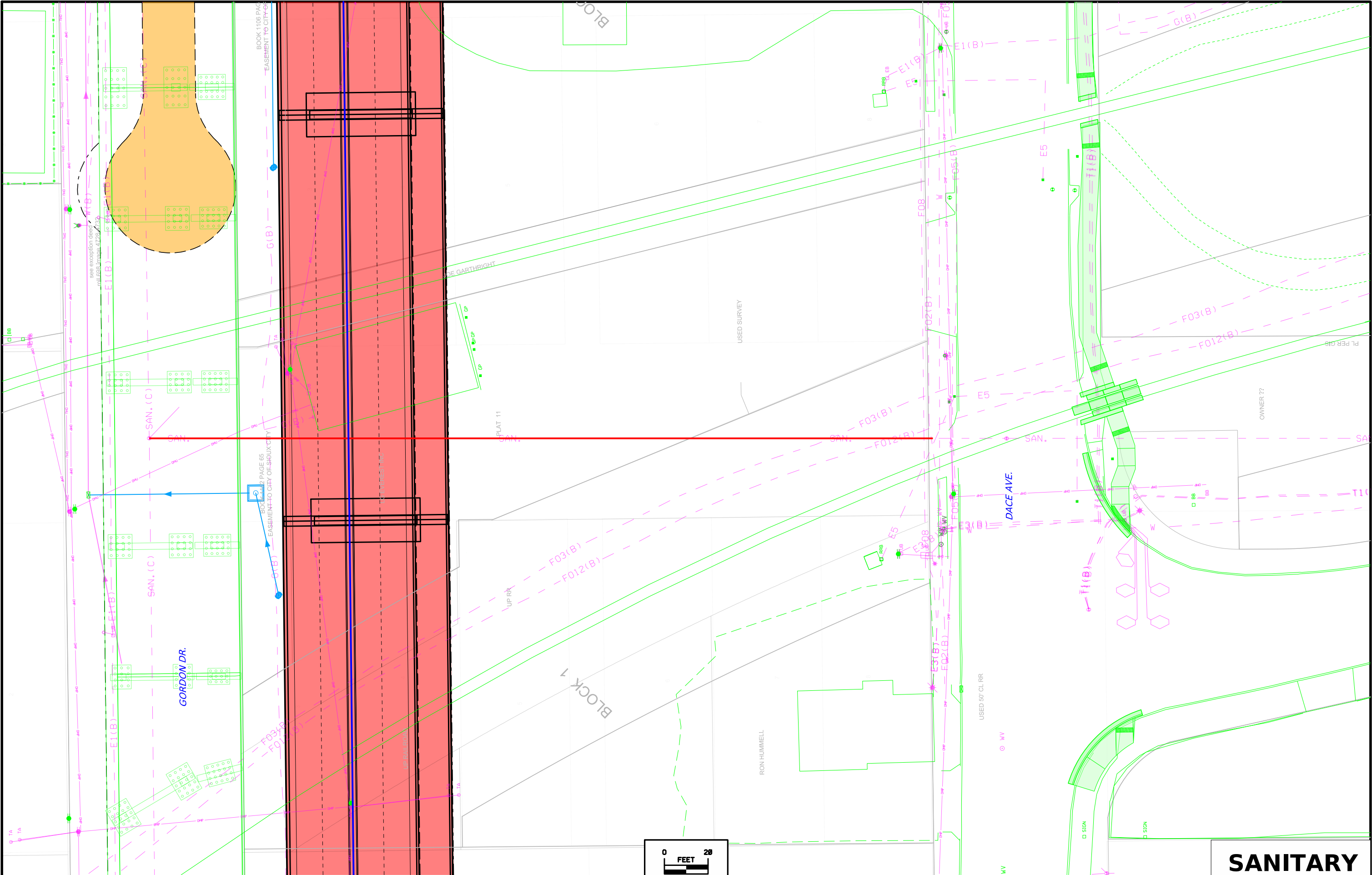


SANITARY



SANITARY

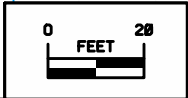
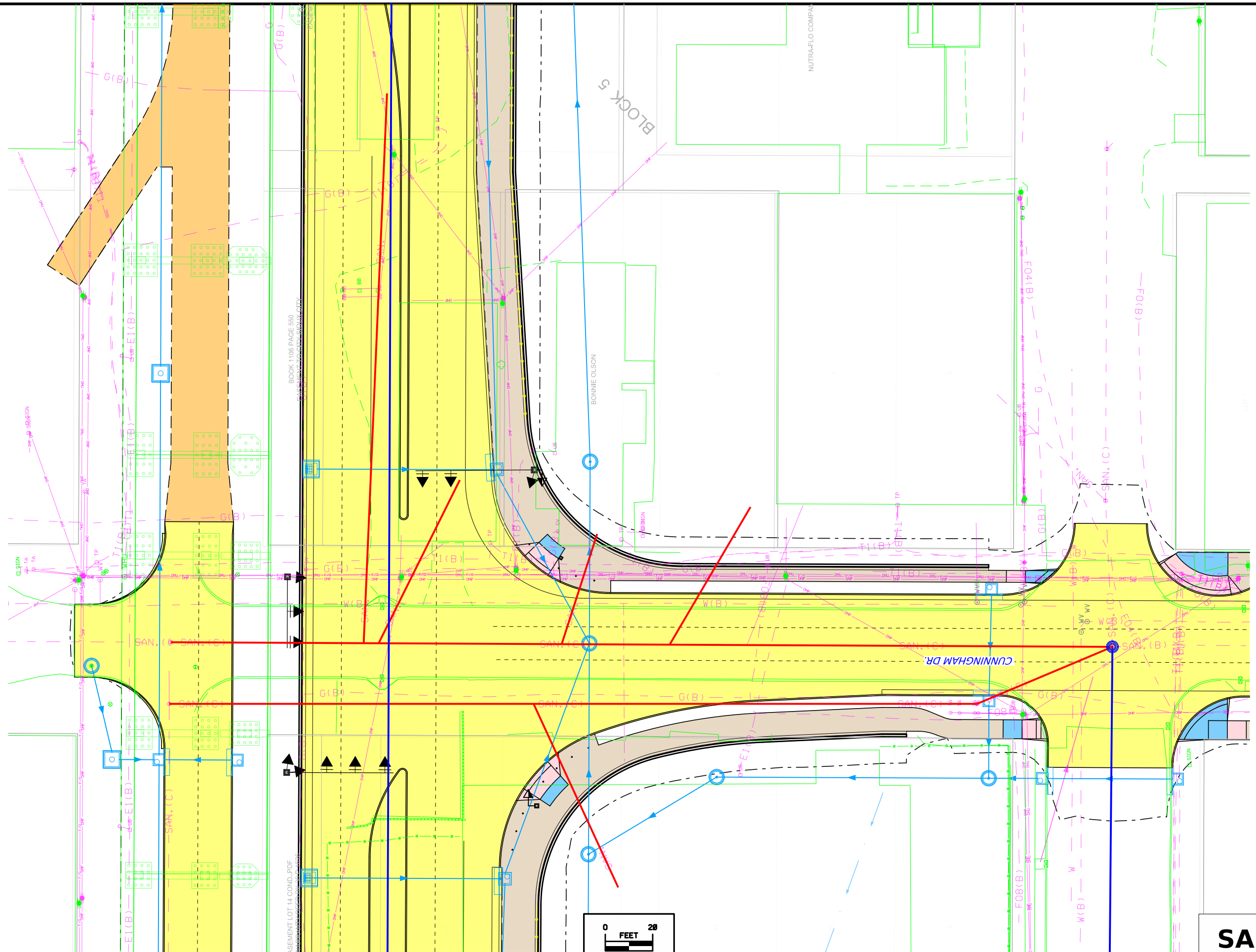
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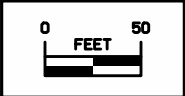
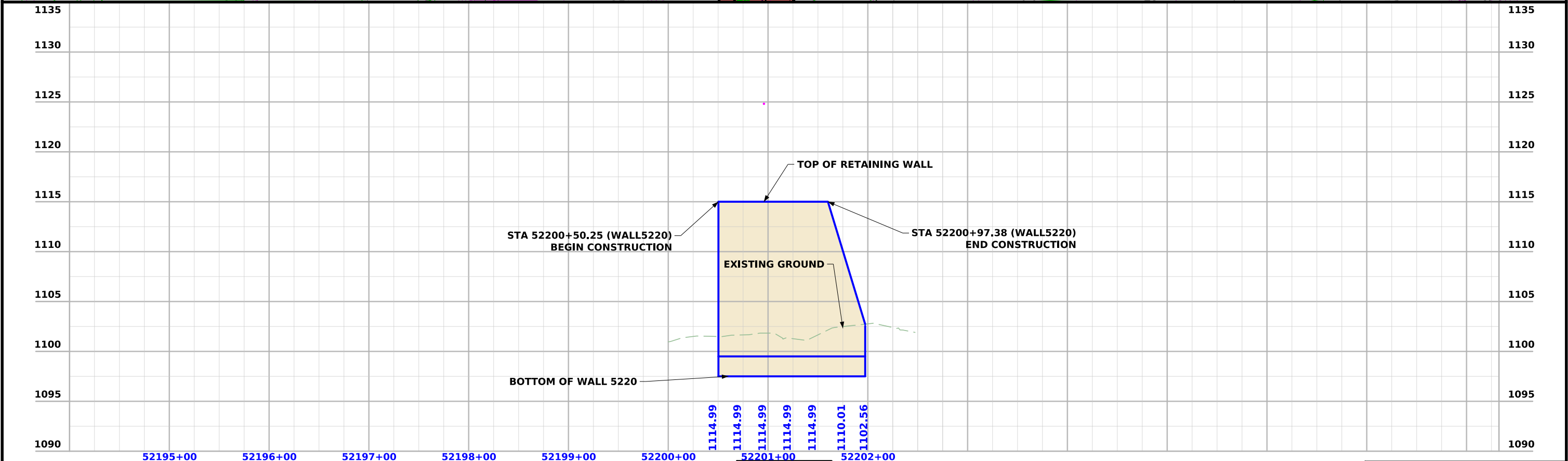
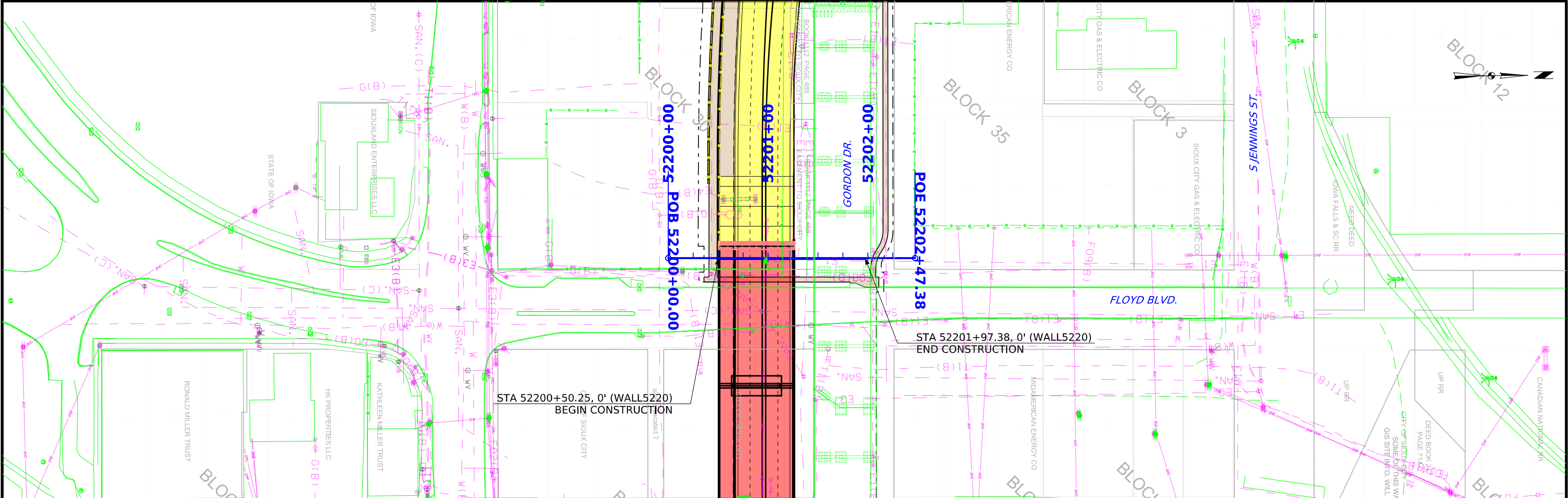
FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	WOODBURY COUNTY	PROJECT NUMBER NHS-012-1(37)--19-97	SHEET NUMBER UTL.17
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AN-5

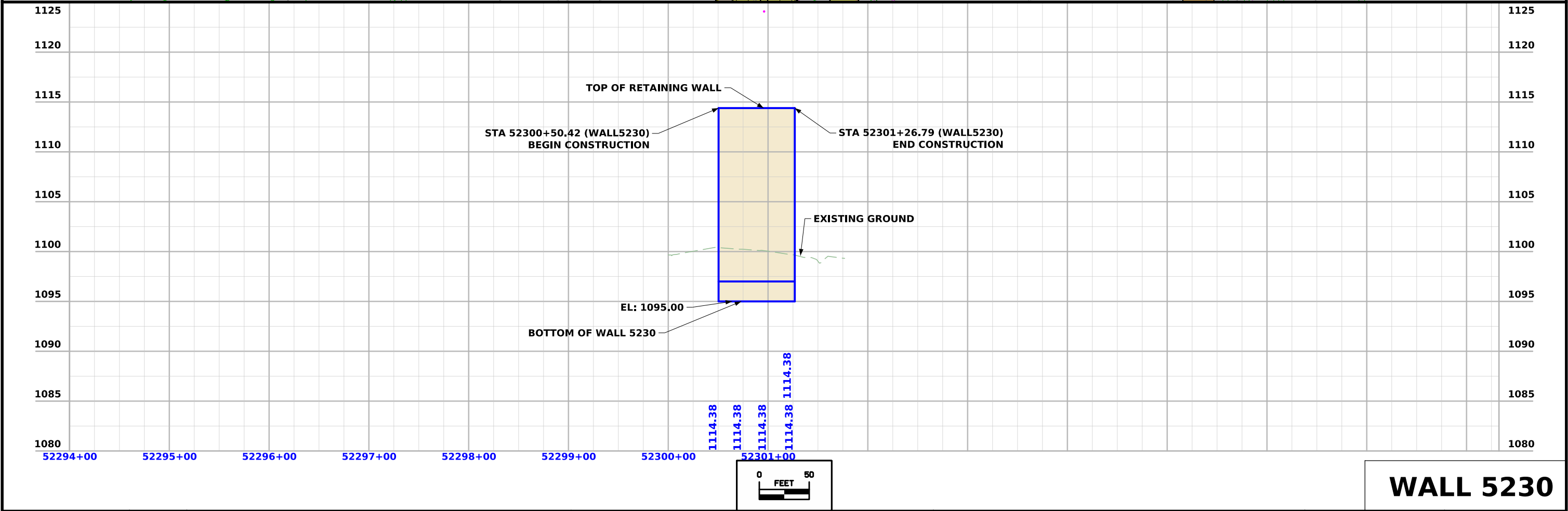
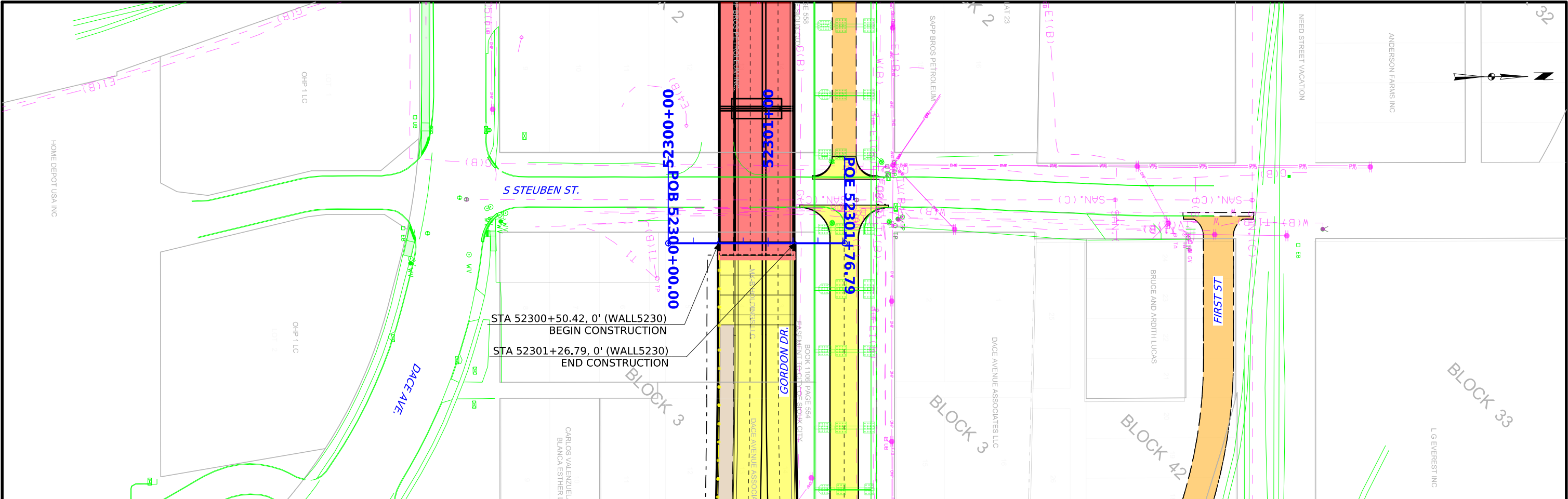


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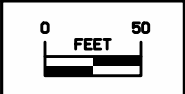
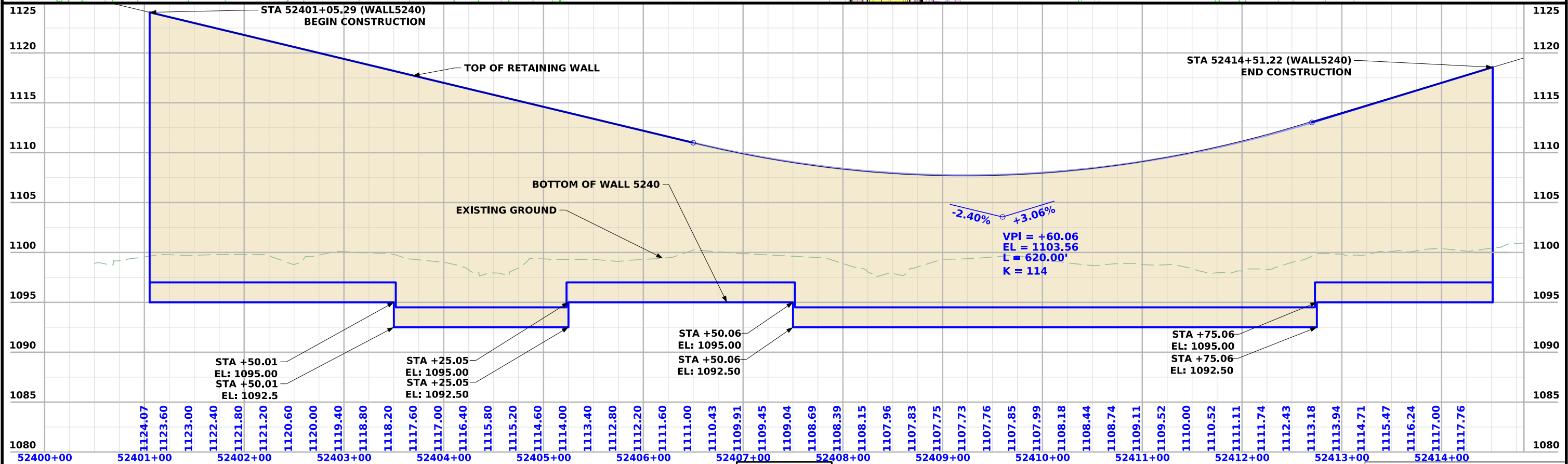
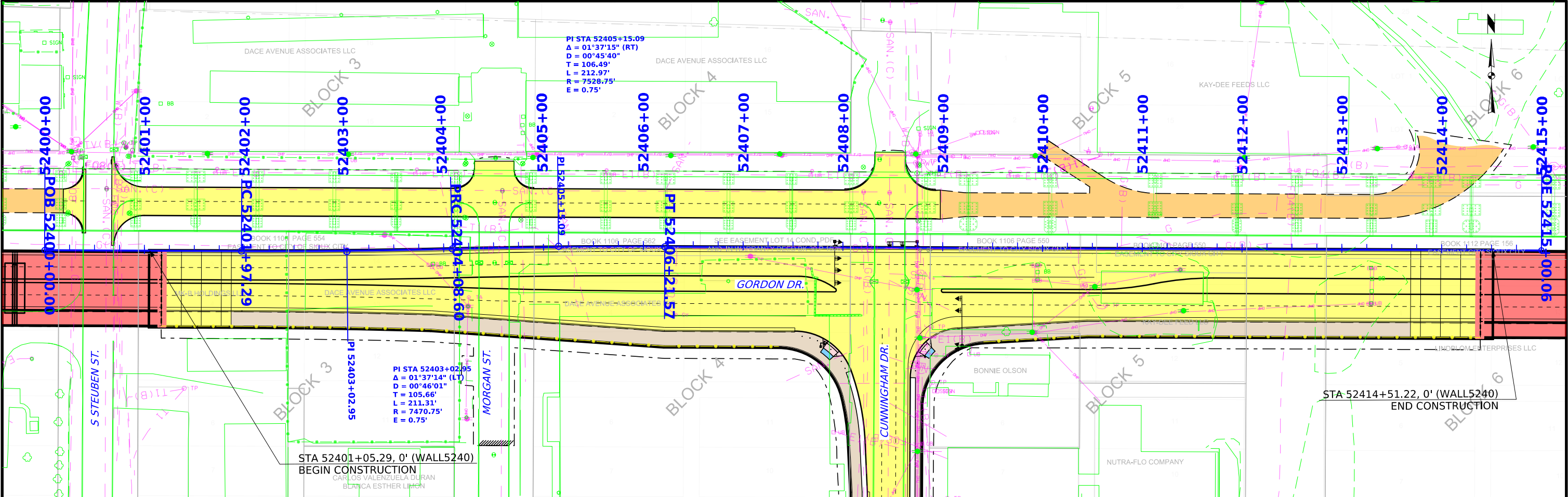


WALL 5220

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	WOODBURY COUNTY	PROJECT NUMBER NHS-012-1(37)--19-97	SHEET NUMBER V.19
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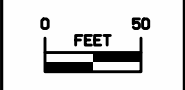
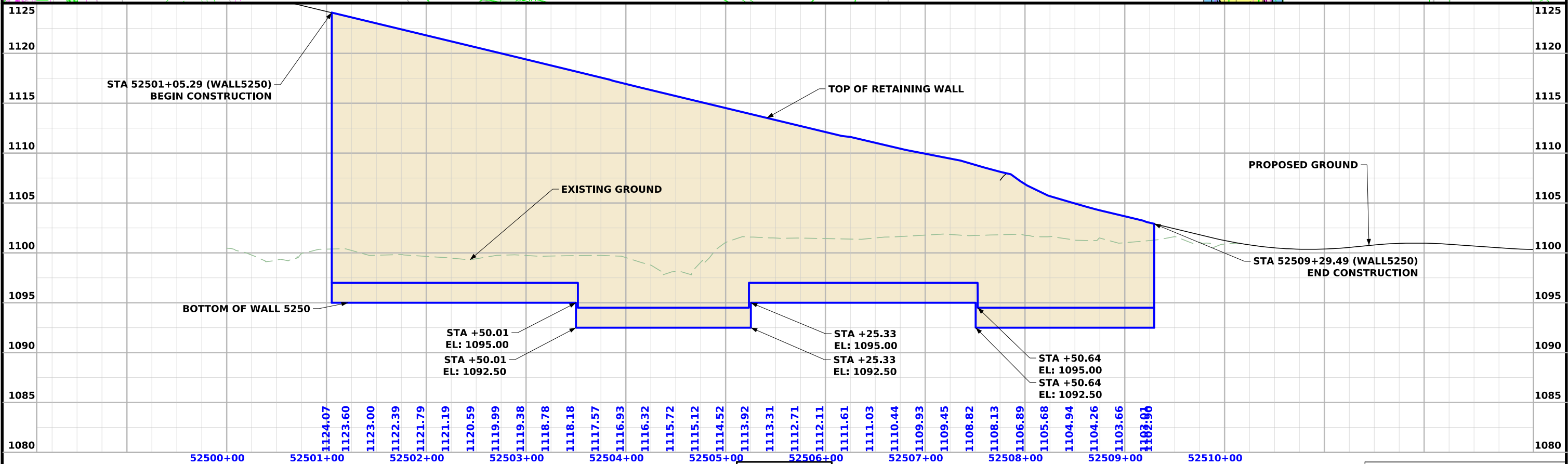
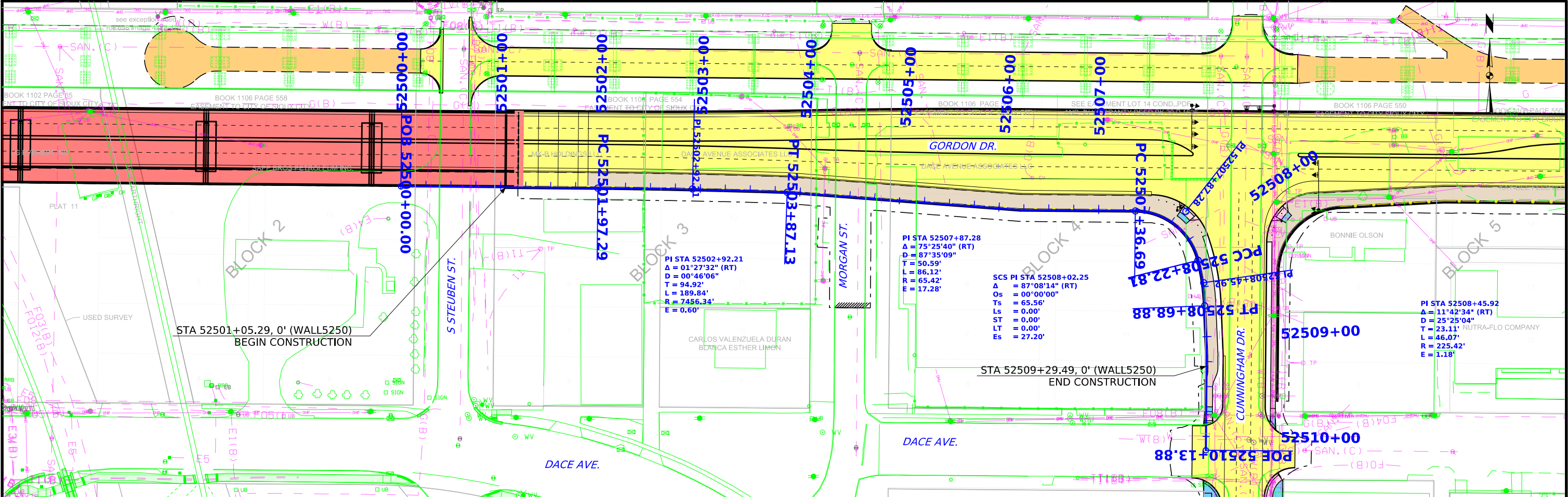


WALL 5230



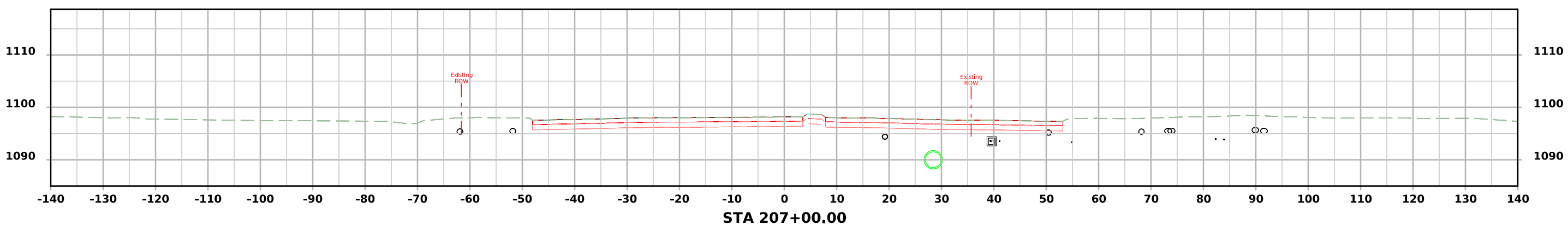
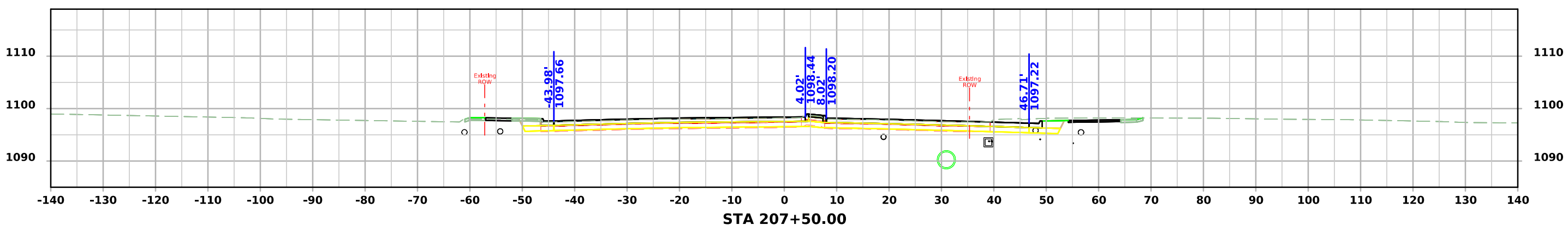
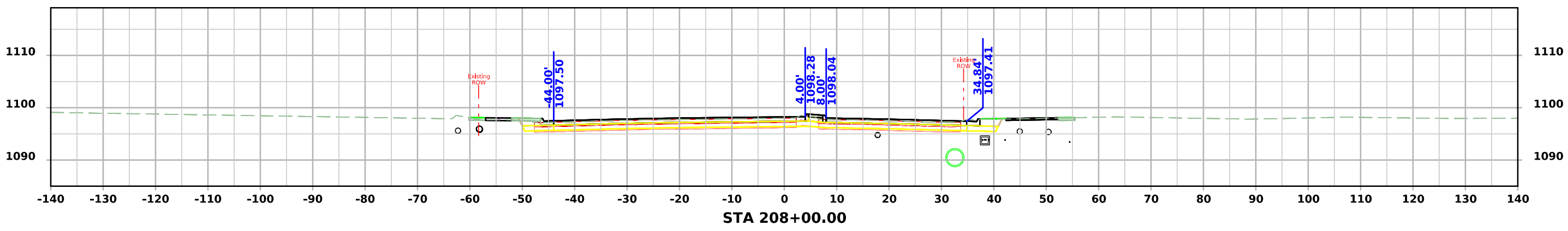
WALL 5240

FILE NO.	ENGLISH	DESIGN TEAM Iowa DOT\HDR	WOODBURY COUNTY	PROJECT NUMBER NHS-012-1(37)--19-97	SHEET NUMBER V.21
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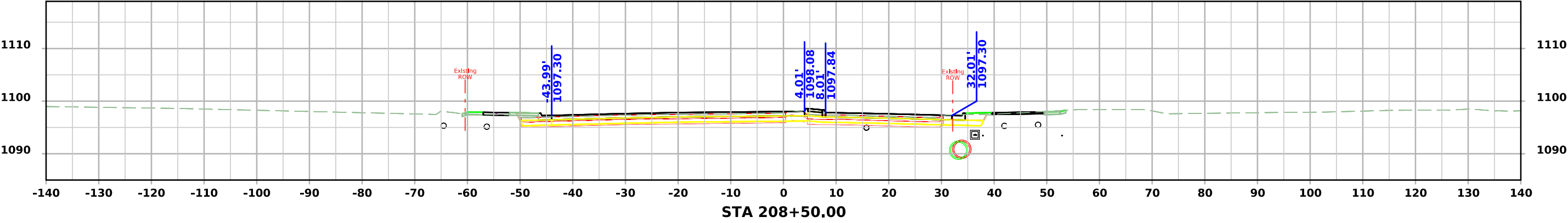
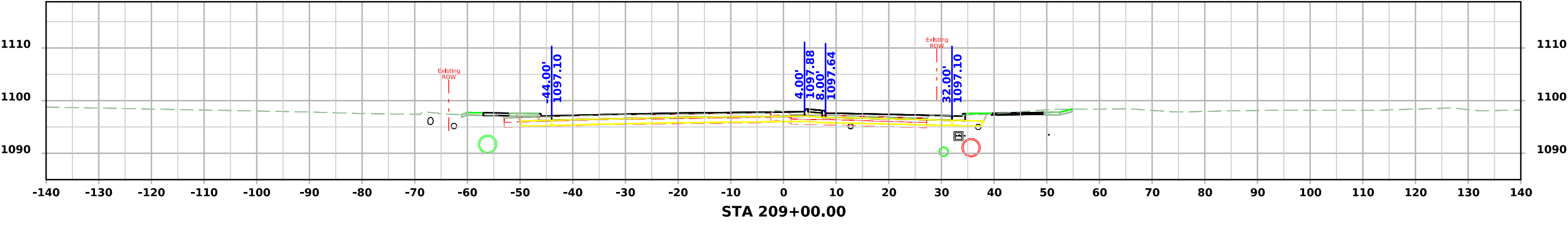
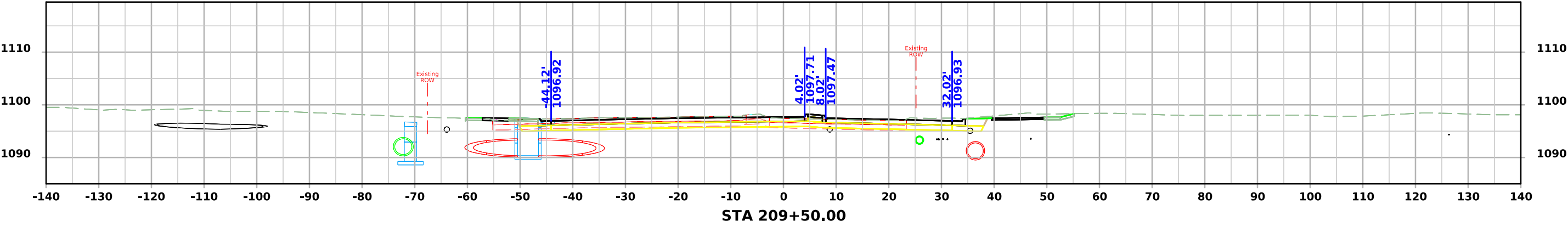


WALL 5250

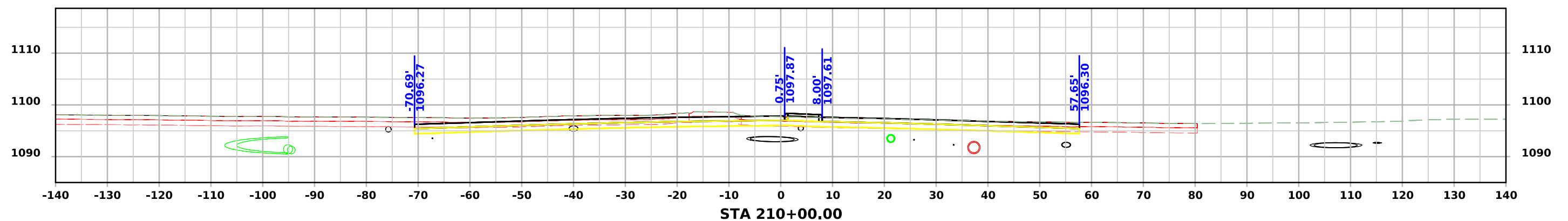
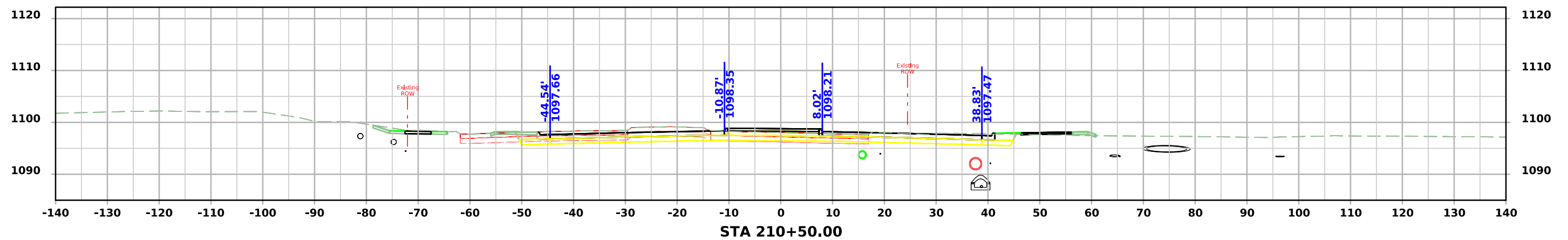
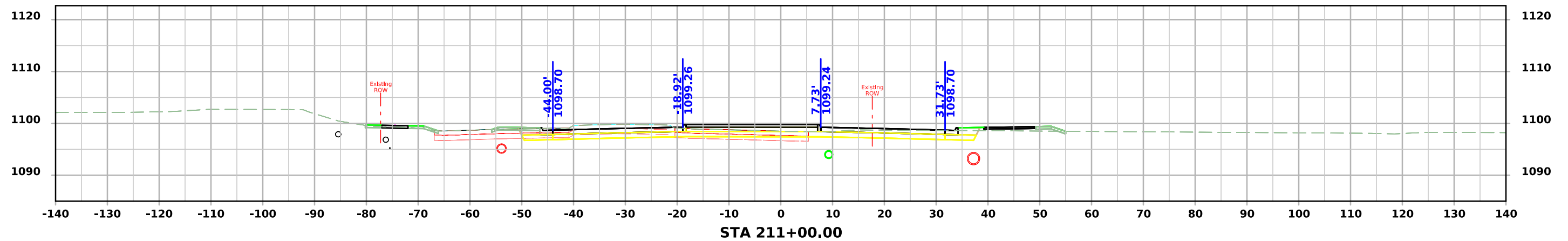
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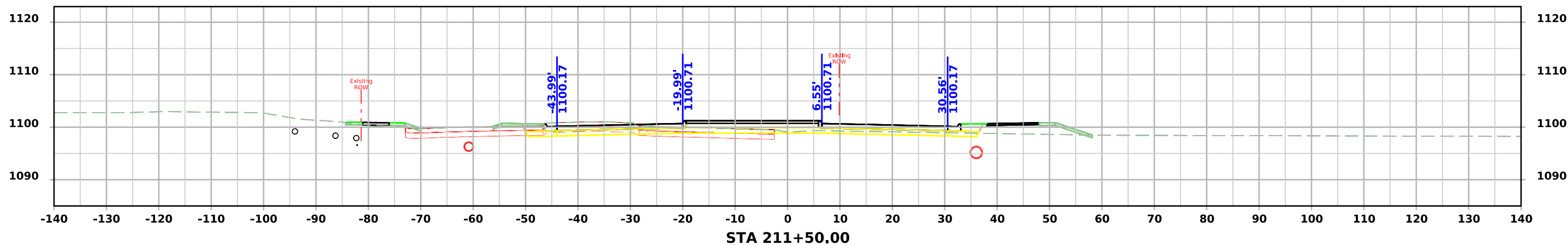
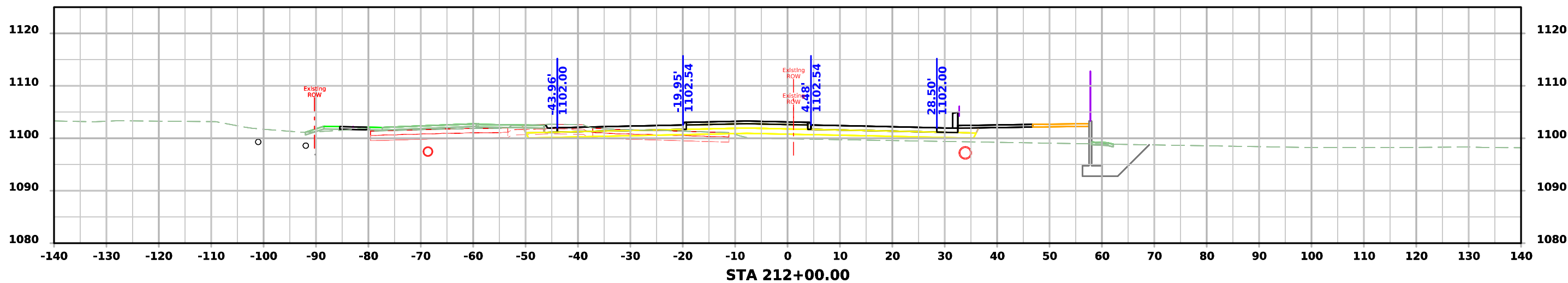
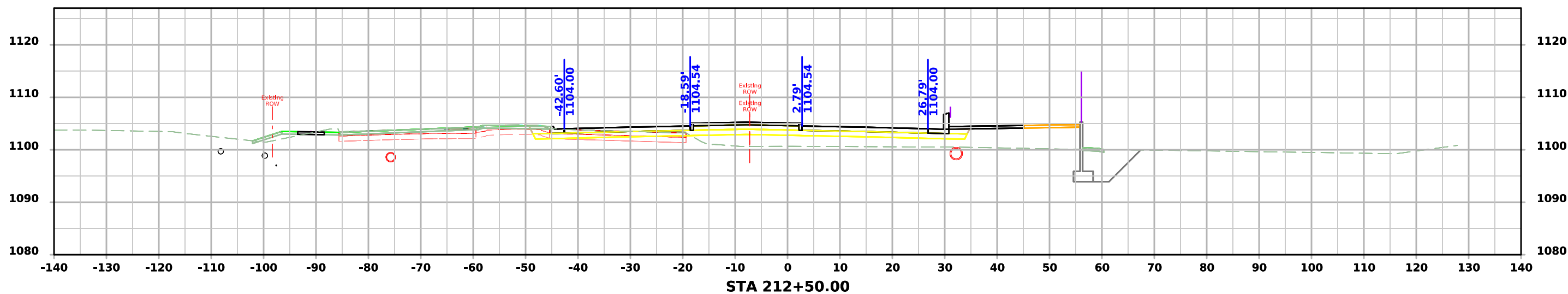
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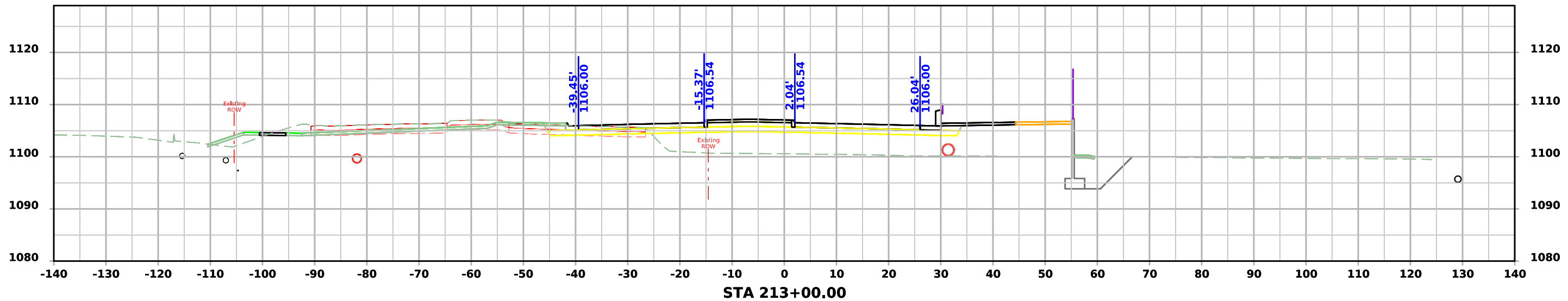
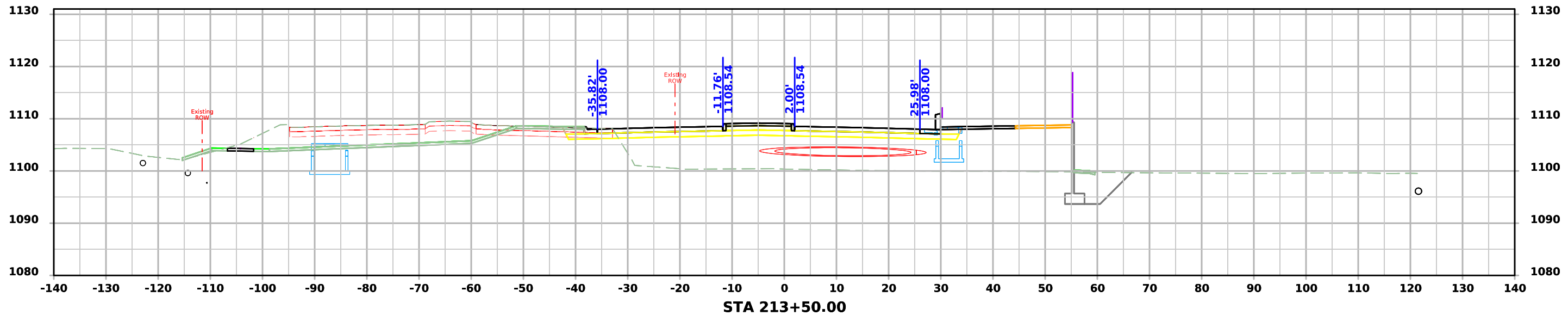
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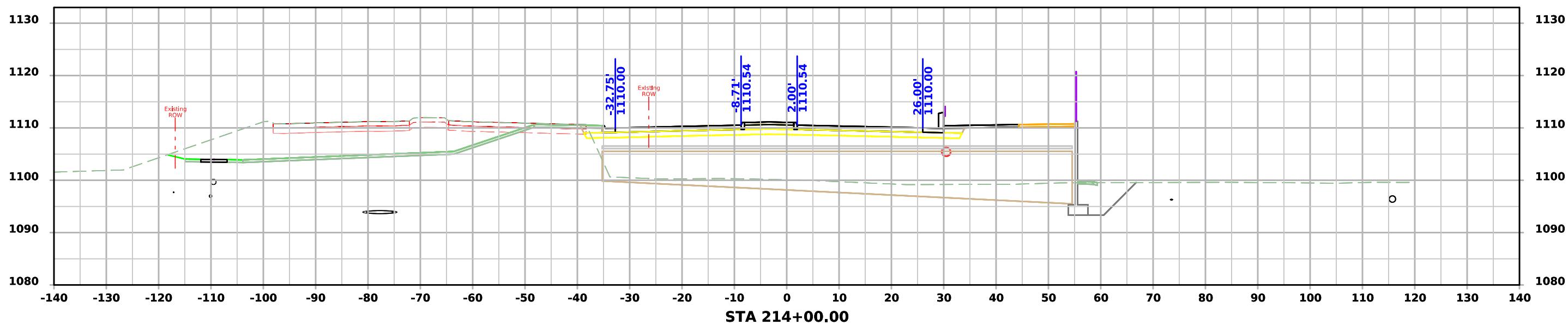
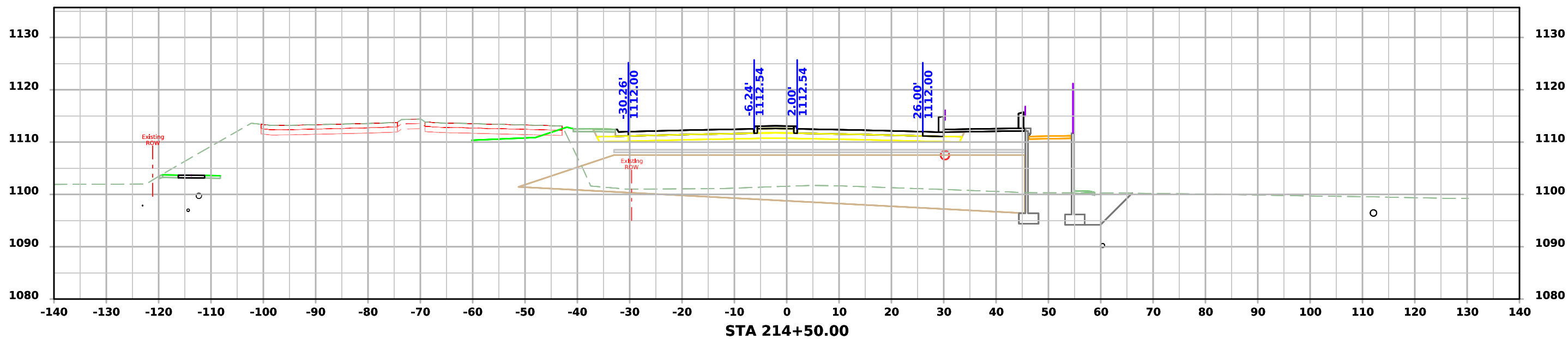
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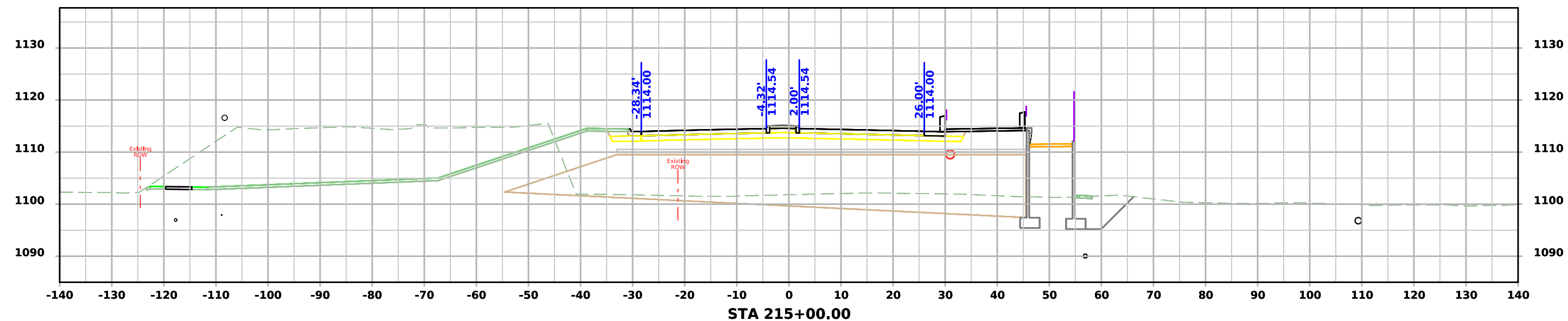
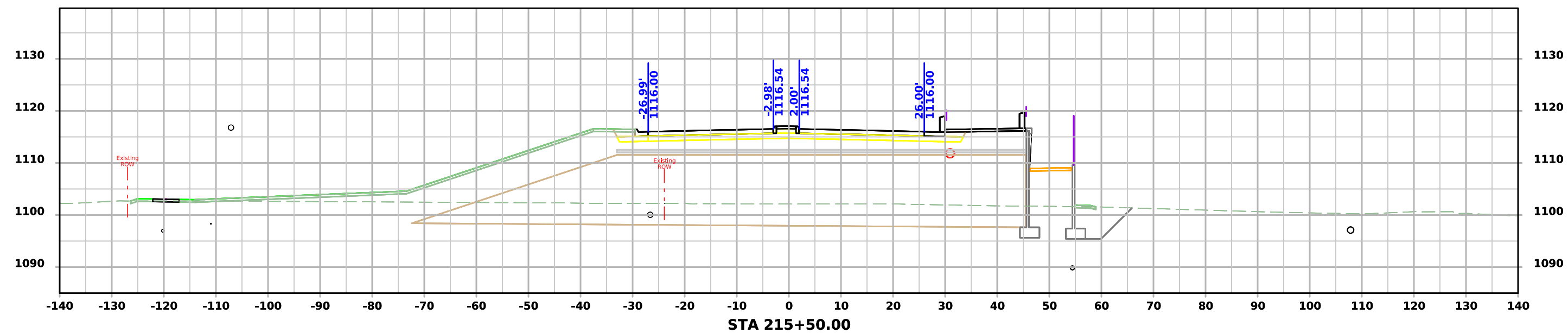
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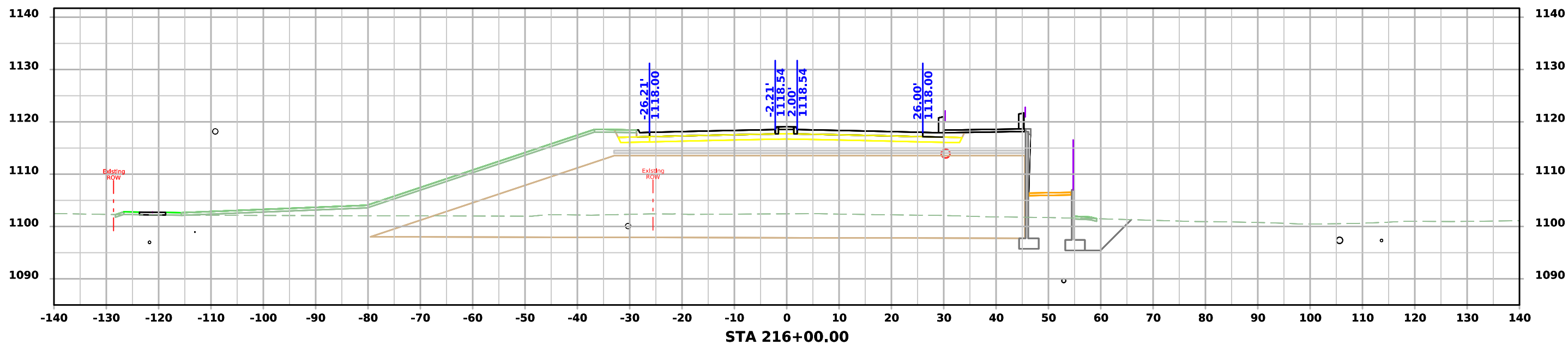
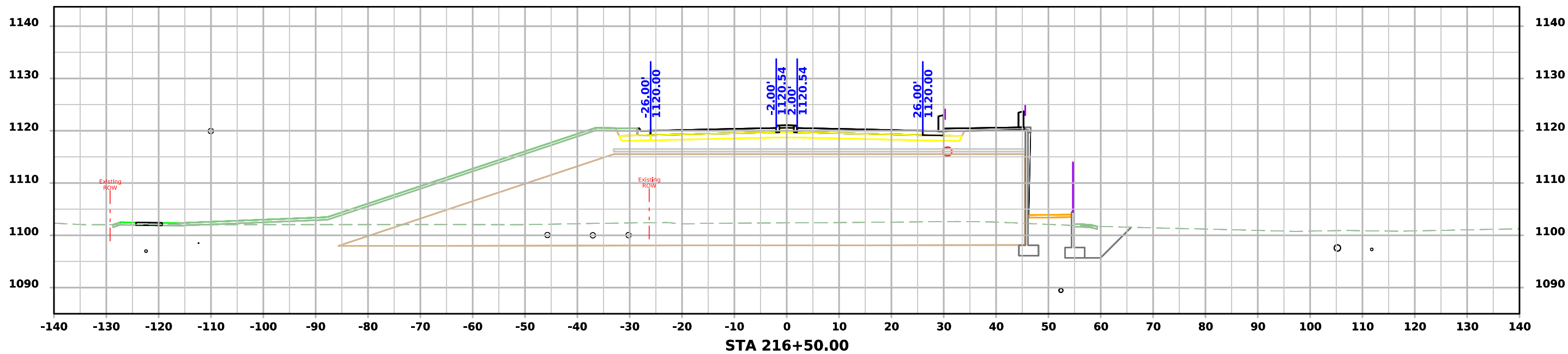
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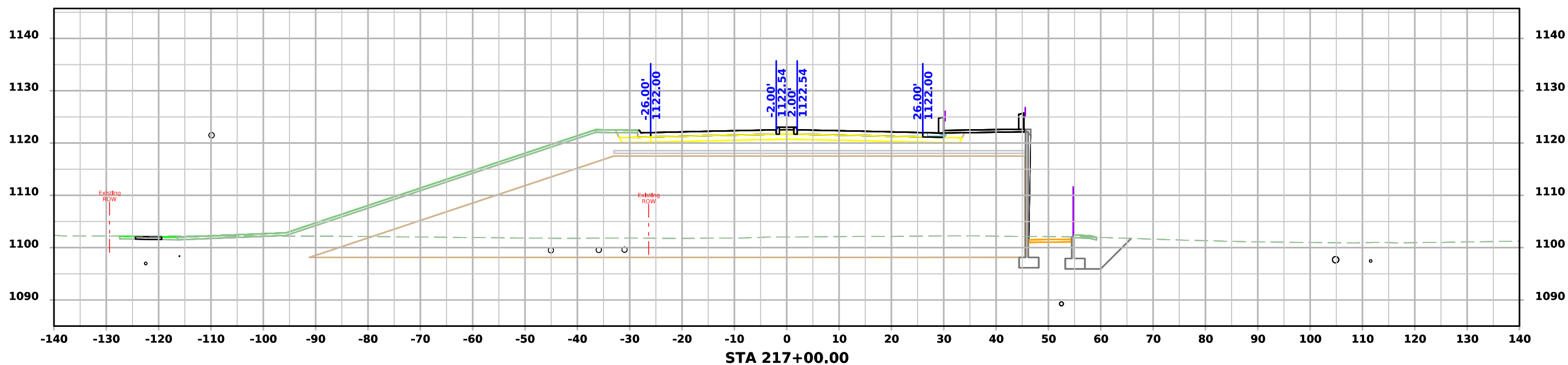
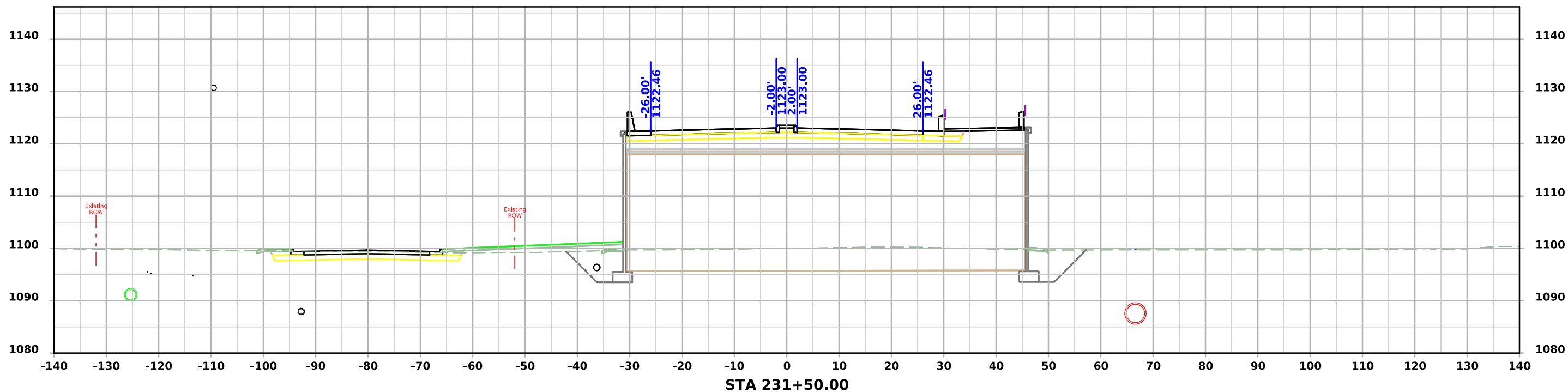
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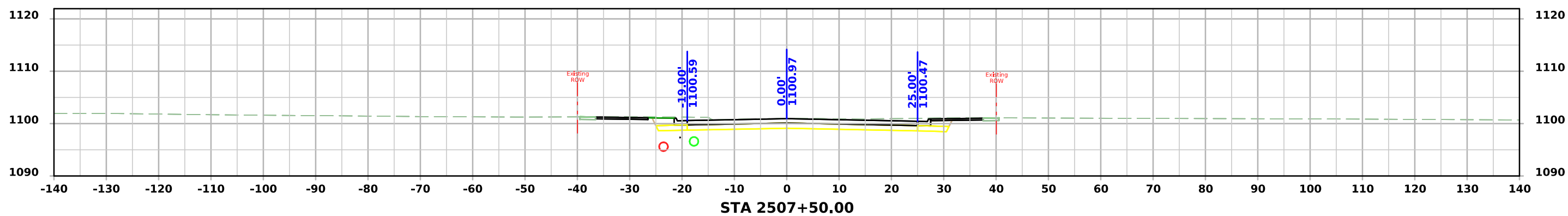
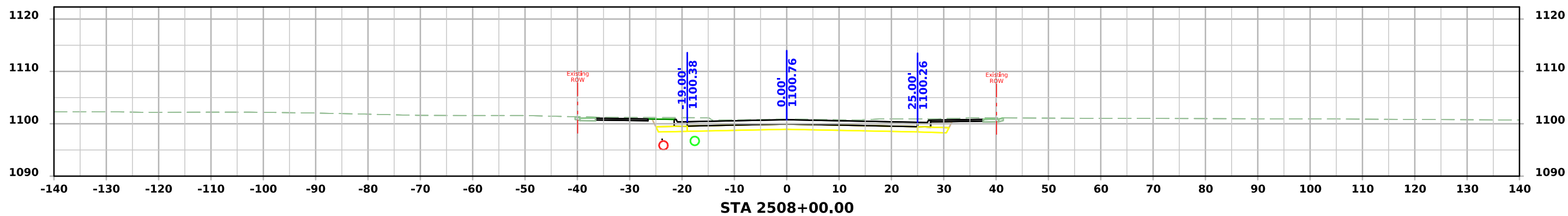
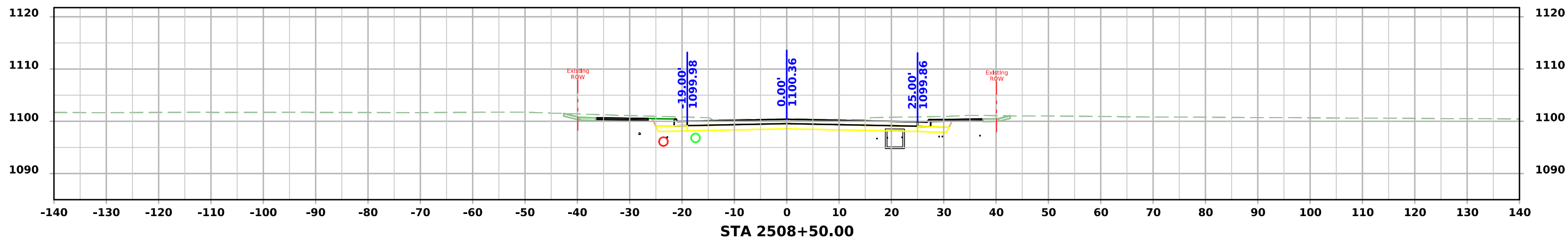
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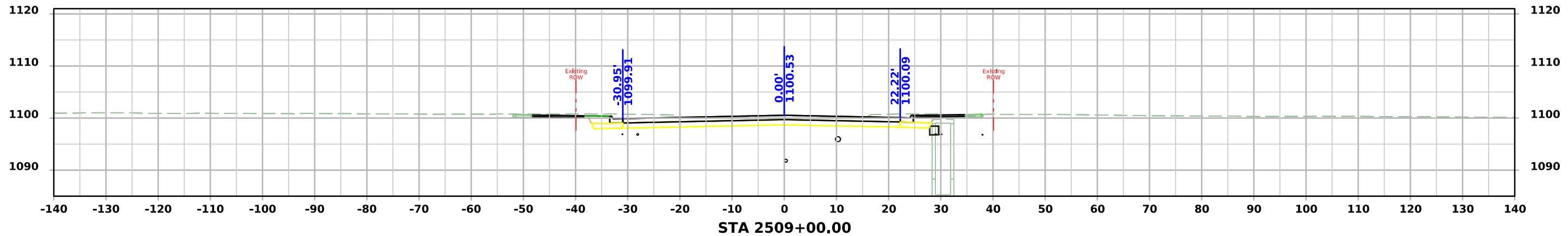
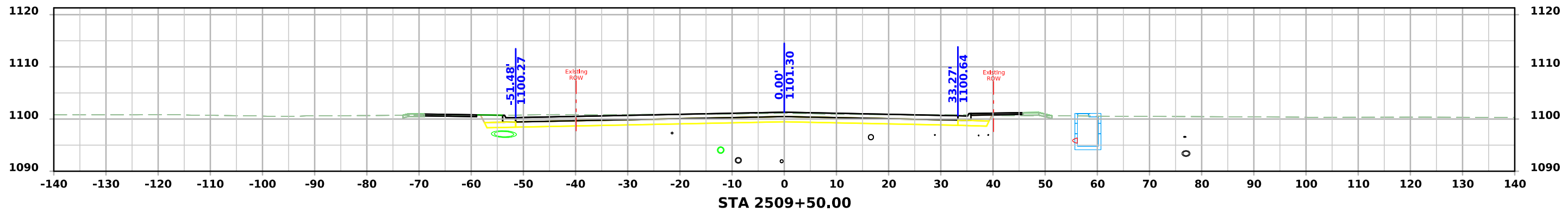
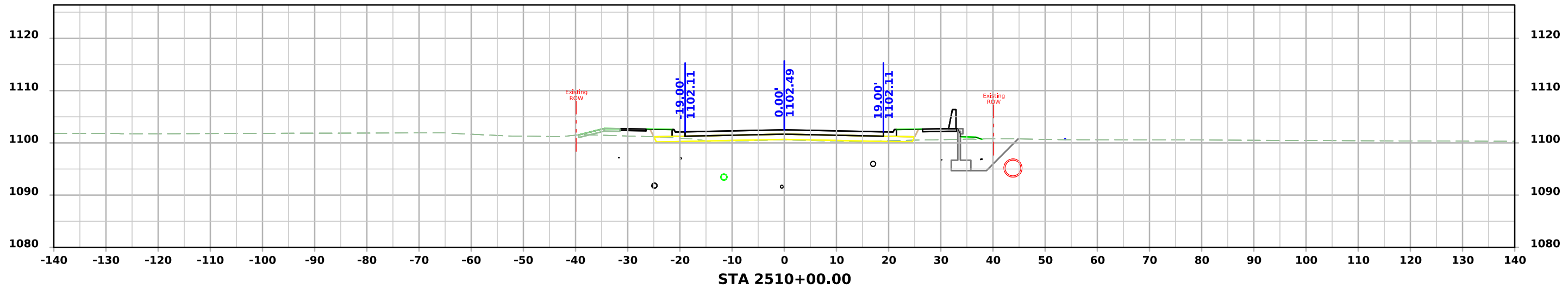
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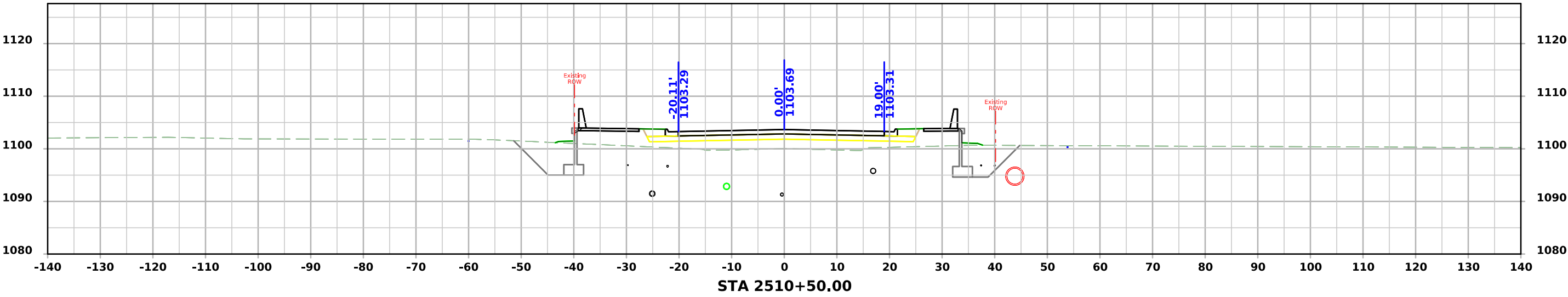
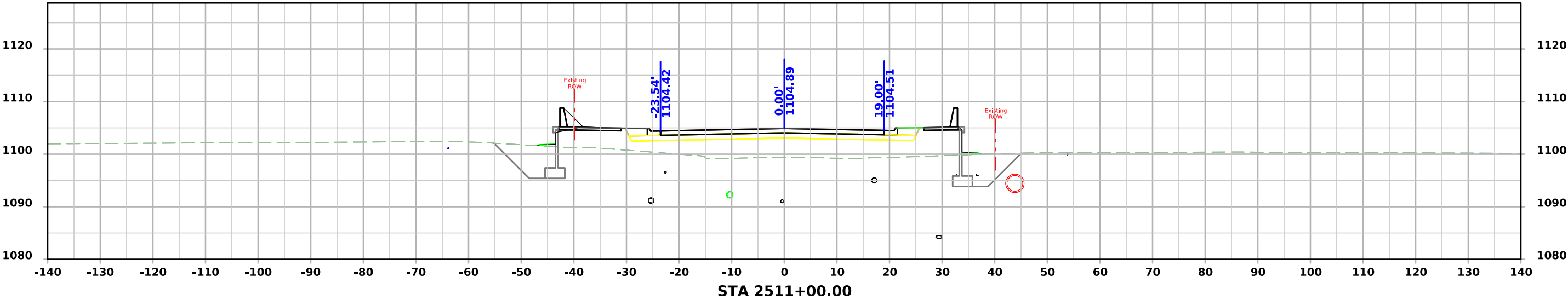
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