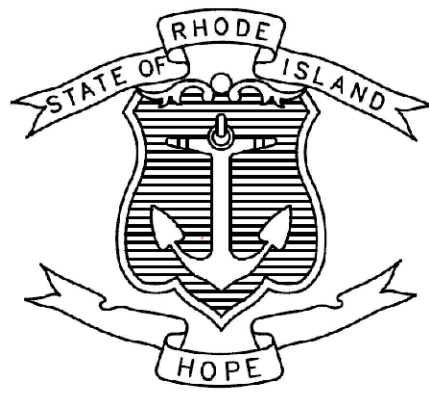


FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
00	RI	BHO-017B(002)	2023	1	4

STATE OF RHODE ISLAND



DEPARTMENT OF TRANSPORTATION
PRECAST CONCRETE CONSTRUCTION PLANS FOR
BRIDGE GROUP 17B: REHABILITATION & PRESERVATION
OF BRIDGE 110, 112, 672 AND ROUTE 7
RETAINING WALL

TOWN OF
BURRILLVILLE
COUNTY OF PROVIDENCE

R.I. CONTRACT NO.: 2023-CB-006 F.A. PROJECT NO. BHO-017B(002)

DRAWING INDEX			
SHEET NO:	DESCRIPTION	REV. NO.	DATE
1	TITLE SHEET	0	10/17/2024
2	LAGGING PANEL PLAN VIEW & FRONT ELEVATION 1	0	10/17/2024
3	LAGGING PANEL VIEW & FRONT ELEVATION 2	0	10/17/2024
4	LAGGING PANEL TYPICAL DETAILS	0	10/17/2024

PREPARED FOR: LINDON GROUP, INC.
ENGINEER: BL COMPANIES
JOB SPECIFICATIONS: ON CONTRACT DRAWINGS

CONTRACT DRAWINGS: PLAN, PROFILE AND SECTIONS OF PROPOSED
ROUTE 7, VICTORY HIGHWAY AND ROUTE 102
OTHER INFORMATION: N/A
PREPARED BY: CONCRETE SYSTEMS INC.
CSI JOB NO: S25549

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

Contractor is to verify that all information shown on drawings has been thoroughly checked, complies with the contract documents and is adequate to meet the field conditions. Some dimensions and details may differ slightly from contract drawings to accommodate the manufacturing or design process. Approval of this drawing indicates that any deviation from the contract documents has been reviewed and found to be acceptable. Production will not commence until receipt of signed, approved shop drawings.

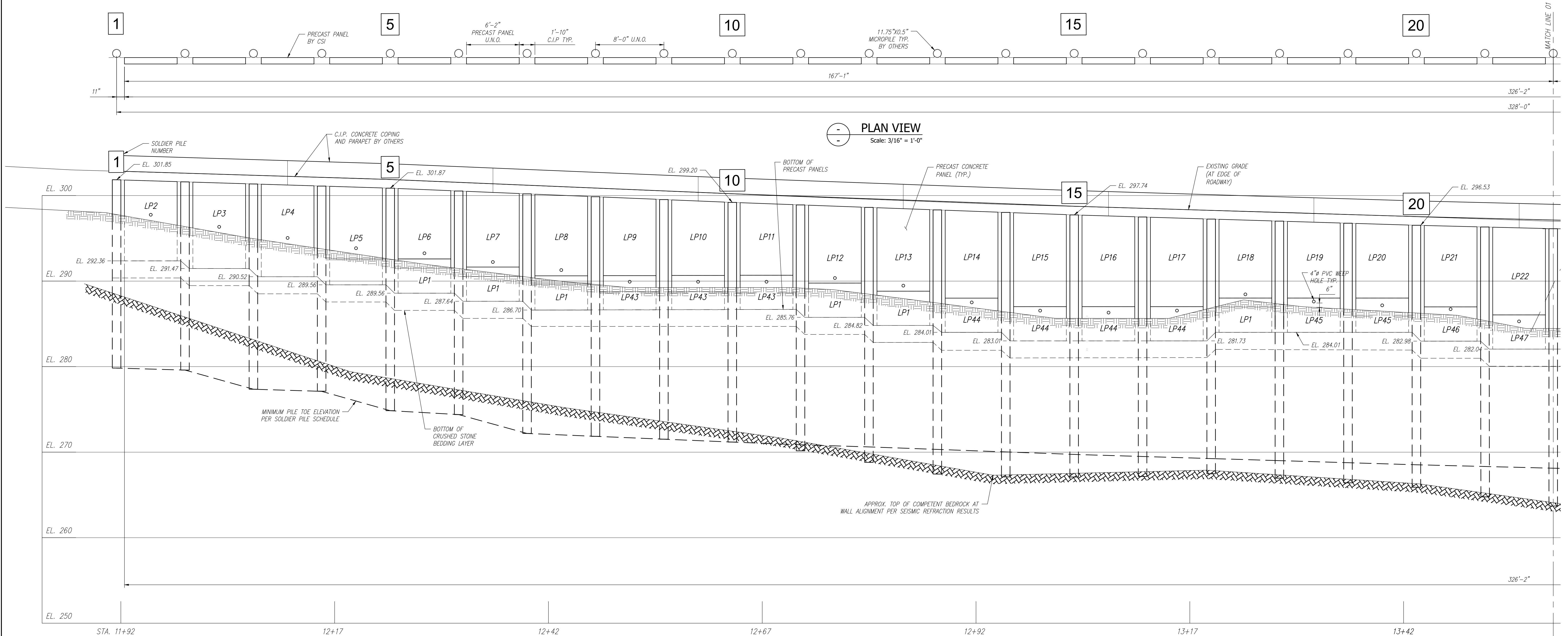
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The logo for Concrete Systems, Inc. (CSI) features a stylized 'C' and 'S' in blue and green, followed by 'SI' in large grey letters, and 'CONCRETE SYSTEMS, INC.' in smaller black letters below.

CONCRETE SYSTEMS, INC.
9 Commercial Street, Hudson, New Hampshire 03051
(800) 342-3374 (603) 889-4163
FAX (603) 889-0039 www.csigroup.com

STAMP FOR STRUCTURAL DESIGN OF PRECAST ONLY

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
00	RI	BHO-017B(002)	2023	2	4



FRONT ELEVATION
Scale: 3/16" = 1'-0"

LAGGING PANEL WALL PIECE SCHEDULE (MX-FA5000HPS30)							
PANEL MARK NO.	QTY	LENGTH	HEIGHT LEFT SIDE	HEIGHT RIGHT SIDE	CUBIC YARDS	WEIGHT	AREA (SQ. FT.)
LP1	7	6.17	4.00	4.00	0.69	1.39 TONS	172.76
LP2	1	6.17	9.46	9.26	1.60	3.25 TONS	57.75
LP3	1	6.17	10.10	9.08	1.64	3.33 TONS	59.17
LP4	1	6.17	10.81	10.62	1.84	3.72 TONS	66.11
LP5	1	6.17	11.52	11.33	1.96	3.97 TONS	70.49
LP6	1	6.17	8.24	7.98	1.39	2.81 TONS	50.04
LP7	1	6.17	8.85	8.59	1.49	3.03 TONS	53.80
LP8	1	6.17	9.54	9.36	1.62	3.28 TONS	58.31
LP9	1	6.17	9.19	8.94	1.55	3.15 TONS	55.93
LP10	1	6.17	8.83	8.57	1.49	3.02 TONS	53.68
LP11	1	6.17	8.48	8.26	1.43	2.90 TONS	51.64
LP12	1	6.17	9.10	8.87	1.54	3.12 TONS	55.44
LP13	1	6.17	9.76	9.63	1.65	3.35 TONS	59.51
LP14	1	6.17	10.28	10.05	1.74	3.53 TONS	62.72
LP15	1	6.17	10.98	10.76	1.86	3.77 TONS	67.07
LP16	1	6.17	10.70	10.51	1.82	3.68 TONS	65.43
LP17	1	6.17	10.45	10.27	1.78	3.60 TONS	63.92
LP18	1	6.17	9.21	9.02	1.56	3.16 TONS	56.24
LP19	1	6.17	8.97	8.78	1.52	3.08 TONS	54.76
LP20	1	6.17	8.72	8.54	1.48	3.00 TONS	53.25
LP21	1	6.17	9.52	9.36	1.62	3.28 TONS	58.24
LP22	1	6.17	10.25	10.09	1.74	3.53 TONS	62.75
LP23	1	6.17	10.05	9.89	1.71	3.46 TONS	61.51
LP24	1	6.17	9.85	9.70	1.68	3.39 TONS	60.31

LAGGING PANEL WALL PIECE SCHEDULE (MX-FA5000HPS30)							
PANEL MARK NO.	QTY	LENGTH	HEIGHT LEFT SIDE	HEIGHT RIGHT SIDE	CUBIC YARDS	WEIGHT	AREA (SQ. FT.)
LP25	1	6.17	9.66	9.50	1.64	3.32 TONS	59.11
LP26	1	6.17	9.46	9.38	1.61	3.27 TONS	58.12
LP27	1	6.17	9.35	9.28	1.60	3.23 TONS	57.47
LP28	1	6.17	9.25	9.17	1.58	3.20 TONS	56.83
LP29	1	6.17	8.17	8.08	1.39	2.82 TONS	50.13
LP30	1	6.17	11.05	10.97	1.89	3.82 TONS	67.93
LP31	1	6.17	9.91	9.98	1.70	3.45 TONS	61.36
LP32	1	6.17	9.00	9.07	1.55	3.14 TONS	55.75
LP33	1	6.17	8.05	8.12	1.39	2.81 TONS	49.88
LP34	1	6.17	8.15	8.22	1.40	2.84 TONS	50.50
LP35	1	6.17	8.24	8.31	1.42	2.87 TONS	51.06
LP36	1	6.17	9.28	9.35	1.59	3.23 TONS	57.41
LP37	1	6.17	10.25	10.37	1.77	3.58 TONS	63.61
LP38	1	6.17	11.39	11.49	1.96	3.97 TONS	70.58
LP39	1	6.17	11.52	11.61	1.98	4.01 TONS	71.36
LP40	1	6.17	11.65	11.74	2.00	4.06 TONS	72.16
LP41	1	6.17	10.78	11.01	1.87	3.78 TONS	67.22
LP42	1	6.17	10.00	10.23	1.73	3.51 TONS	62.41
LP43	3	6.17	4.00	4.00	0.69	1.39 TONS	74.04
LP44	4	6.17	4.00	4.00	0.69	1.39 TONS	98.72
LP45	2	6.17	4.00	4.00	0.69	1.39 TONS	49.36
LP46	1	6.17	4.00	4.00	0.69	1.39 TONS	24.68
LP47	7	6.17	4.00	4.00	0.69	1.39 TONS	172.76
TOTAL	65						3033.30

Stamp for structural design only

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Rev.	Date	DESCRIPTION	By
		REVISIONS	

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This drawing is based upon information provided from the following documents and/or sources:

Engineer: BL COMPANIES
Project No:
Drawings: PLAN, PROFILE AND SECTIONS OF PROPOSED ROUTE 7, VICTORY HIGHWAY AND ROUTE 102 ON CONTRACT DRAWINGS
Specifications:
Other Sources: N/A



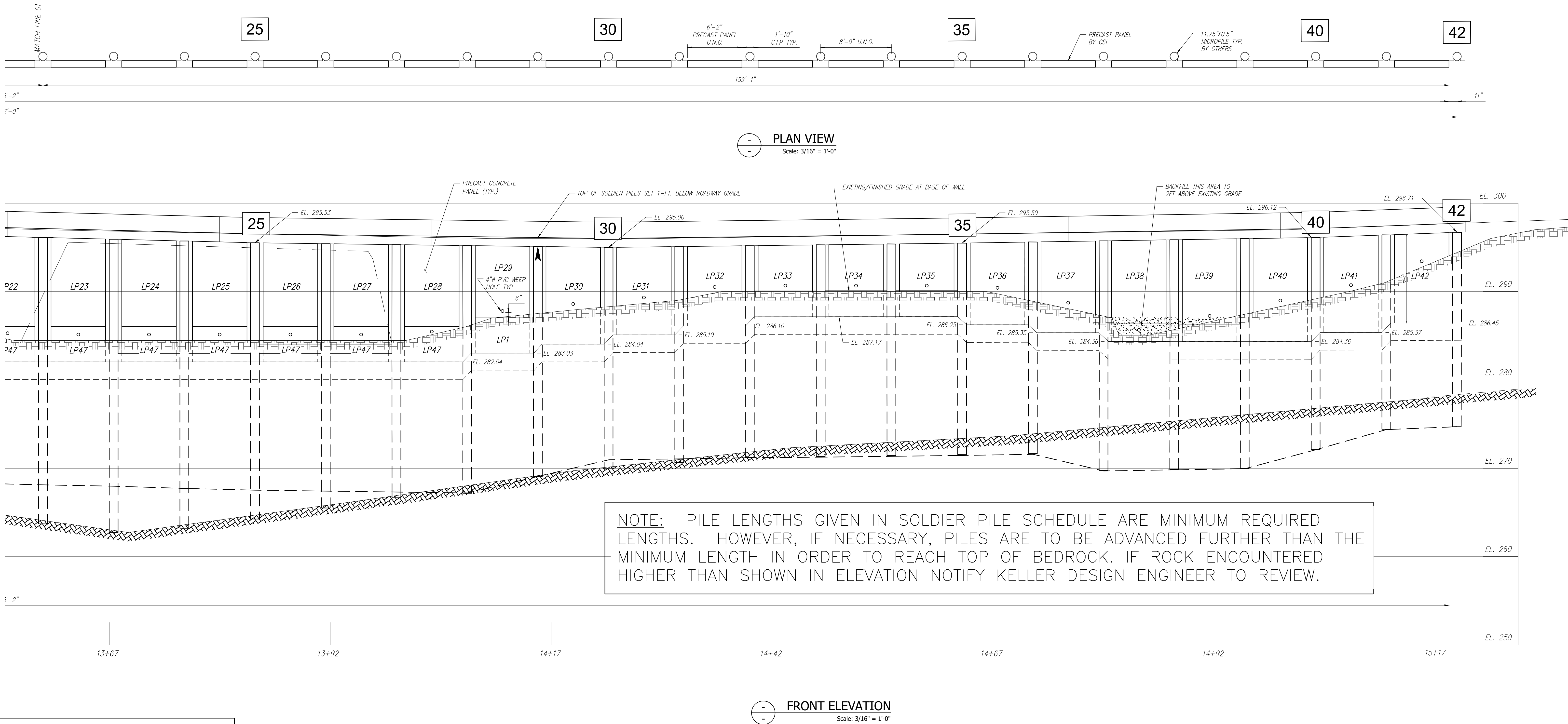
Drawn By	YAA	Date	10/09/2024
Checked By	MRS	Date	10/16/2024
Approved By		Date	
Drawing Title	LAGGING PANEL PLAN & ELEVATION 1		
CSI Drawing No.	S25549-L01A	Rev	0

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

BRIDGE GROUP 17B: REHABILITATION & PRESERVATION
OF BRIDGE 110, 112, 672 AND ROUTE 7
RETAINING WALL

BRIDGE NO: 110, 112, & 672
CONTRACT NO: 2023-CB-006
FEDERAL AID PROJ. NO: BHO-017B(002)
CONTRACTOR: LINDON GROUP, INC.
CSI JOB NO: S25549

FED. ROAD DIV. NO.	STATE	FEDERAL AID PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
00	RI	BHO-017B(002)	2023	3	4



NOTE: PILE LENGTHS GIVEN IN SOLDIER PILE SCHEDULE ARE MINIMUM REQUIRED LENGTHS. HOWEVER, IF NECESSARY, PILES ARE TO BE ADVANCED FURTHER THAN THE MINIMUM LENGTH IN ORDER TO REACH TOP OF BEDROCK. IF ROCK ENCOUNTERED HIGHER THAN SHOWN IN ELEVATION NOTIFY KELLER DESIGN ENGINEER TO REVIEW.

Stamp for structural design only

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Rev.	Date	DESCRIPTION	By
REVISIONS			

This drawing is based upon information provided from the following documents and/or sources:

Engineer: BL COMPANIES
Project No:
Drawings: PLAN, PROFILE AND SECTIONS OF PROPOSED ROUTE 7, VICTORY HIGHWAY AND ROUTE 102
Specifications: ON CONTRACT DRAWINGS

Other Sources: N/A



Drawn By	YAA	Date	10/09/2024
Checked By	MRS	Date	10/16/2024
Approved By		Date	
Drawing Title	LAGGING PANEL PLAN & ELEVATION 2		
CSI Drawing No.	S25549-L01B	Rev	0

RHODE ISLAND
DEPARTMENT OF TRANSPORTATION

BRIDGE GROUP 17B: REHABILITATION & PRESERVATION
OF BRIDGE 110, 112, 672 AND ROUTE 7
RETAINING WALL

BRIDGE NO: 110, 112, & 672
CONTRACT NO: 2023-CB-006
FEDERAL AID PROJ. NO: BHO-017B(002)
CONTRACTOR: LINDON GROUP, INC.
CSI JOB NO: S25549

