

PLAN

BAR TYPE		BILL OF MATERIAL					
		BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
		* D1	93	#6	STR	2'-0"	246
		* V1	8	#6	STR	26'-8"	321
		* V2	8	#6	STR	26'-2"	315
		* V3	8	#6	STR	20'-9"	250
		* V4	8	#6	STR	21'-9"	262
		* V5	8	#6	STR	20'-10"	251
		* V6	8	#6	STR	18'-8"	225
		* S1	276	#4	1	4'-1"	753
* EPOXY COATED BARS							
EPOXY COATED REINFORCING STEEL (LBS.)							2548
CLASS A CONCRETE (CU. YDS.)							21.8
CONCRETE PILE JACKETS (LIN. FT.)							151.0

PILE JACKET QUANTITY TABLE						
DESCRIPTION	PILE NUMBER					
	1	2	3	4	5	6
APPROX. PAY LENGTH (FT)	29.35	28.85	23.45	24.45	23.55	21.35
"V" BAR MARK	V1	V2	V3	V4	V5	V6
NO. OF #6D1 DOWELS	18	18	14	15	14	13
NO. OF #4S1 STIRRUP PAIRS	27	27	21	22	22	19
CONCRETE FILL (CU. YDS.)	4.3	4.2	3.4	3.5	3.4	3.0

NOTES

* SOUNDINGS TAKEN FROM UNDERWATER INSPECTION (BY CONSOR DATED NOVEMBER 2ND, 2023) ARE PROVIDED FOR INFORMATION ONLY. CONTRACTOR SHALL FIELD VERIFY MUDLINE ELEVATIONS AND NOTIFY ENGINEER IN WRITING OF ANY DISCREPANCIES PRIOR TO ORDERING MATERIALS OR PERFORMING ANY REPAIR WORK.

▲ - THE PROPOSED ELEVATION OF THE TOP OF THE PILE JACKETS SHOWN ON THESE PLANS IS BASED ON EXISTING PLANS DATA. CONTRACTOR SHALL WORK WITH THE ENGINEER AND NCDOT FERRY DIVISION STAFF TO MEASURE THE LOWEST POSITION OF THE STEEL RAMP STRUCTURE DURING OPERATIONS AND SHALL SET THE TOP OF PILE JACKETS TO AVOID INHIBITING OPERATION OF THE STEEL RAMP AND TO AVOID INTERFERENCE WITH THE LIFT BENT BRACING MEMBERS.

BENT DIMENSIONS AND ELEVATIONS ARE APPROXIMATE AND ARE TAKEN FROM EXISTING PLANS.

EXISTING PILES ARE HP12x53 STEEL PILES.

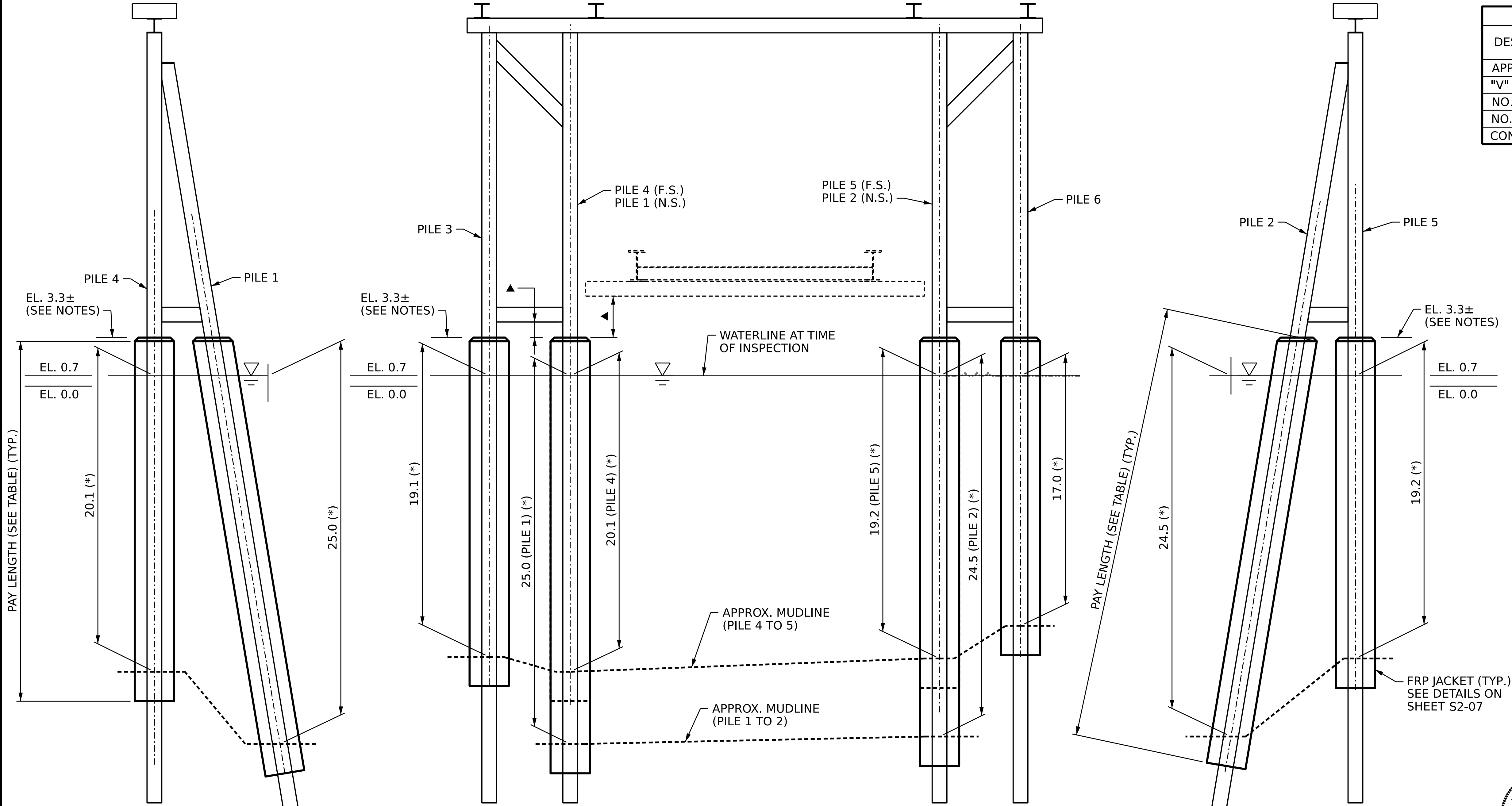
PILE JACKETS SHALL BE EMBEDDED A MINIMUM OF 2'-0" BELOW THE MUDLINE. SEE DETAILS ON SHEET S2-07.

FOR "PILE JACKETS" SEE SPECIAL PROVISIONS.

PILE JACKET LENGTH SHALL NOT BE LESS THAN 4'-0" REGARDLESS OF MUDLINE ELEVATION.

FOR PILE JACKET DETAILS, SEE SHEET S2-07.

PROJECT NO. **15BPR.164**
BEAUFORT COUNTY
TERMINAL: **BAYVIEW**



DES BY: <u>B. BINOWSKI</u>	DATE : <u>11/2025</u>	DWG BY: <u>B. PETERSON</u>	DATE : <u>11/2025</u>
DES CHK: <u>D. KNICKERBOCKER</u>	DATE : <u>11/2025</u>	CHK BY: <u>D. KNICKERBOCKER</u>	DATE : <u>11/2025</u>

HDR Engineering, Inc. of the Carolinas

555 Fayetteville St., Suite 900 Raleigh, N.C. 27601

N.C.B.E.L.S. License Number: F-0116

DAVID KNICKERBOCKER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO. S2-06
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS
2	--	--	4	--	--	34