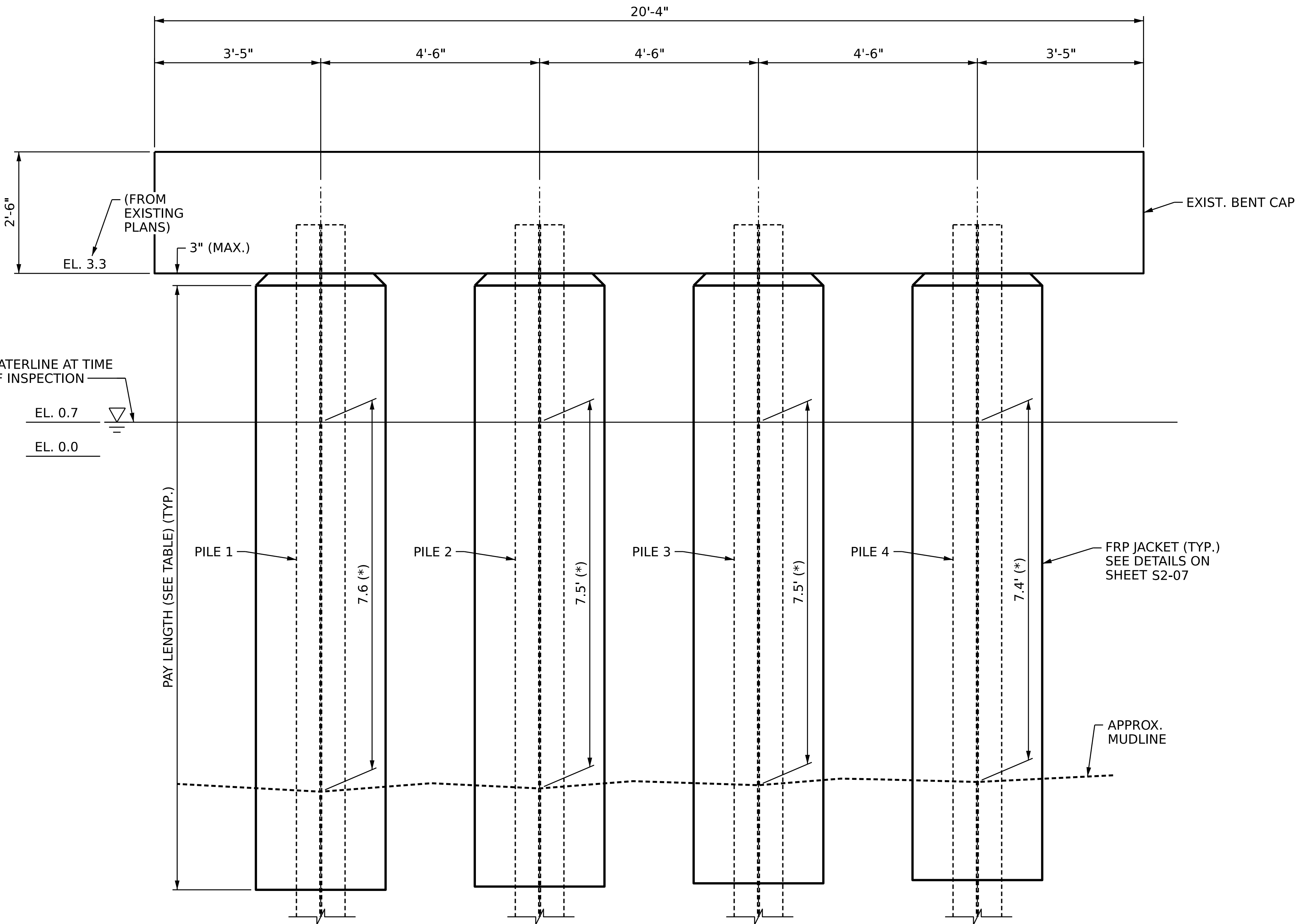


PLAN OF CAP



ELEVATION

BAR TYPE		BILL OF MATERIAL				
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
* D1	28	#6	STR	2'-0"	84	
* V1	8	#6	STR	9'-3"	111	
* V2	8	#6	STR	9'-2"	110	
* V3	8	#6	STR	9'-2"	110	
* V4	8	#6	STR	9'-0"	108	
* S1	80	#4	1	4'-1"	218	
* EPOXY COATED BARS						
EPOXY COATED REINFORCING STEEL (LBS.)						741
CLASS A CONCRETE (CU. YDS.)						6.0
CONCRETE PILE JACKETS (LIN. FT.)						47.4

PILE JACKET QUANTITY TABLE				
DESCRIPTION	PILE NUMBER			
	1	2	3	4
APPROX. PAY LENGTH (FT)	11.95	11.85	11.85	11.75
"V" BAR MARK	V1	V2	V3	V4
NO. OF #6D1 DOWELS	7	7	7	7
NO. OF #4S1 STIRRUP PAIRS	10	10	10	10
CONCRETE FILL (CU. YDS.)	1.5	1.5	1.5	1.5

NOTES

* SOUNDINGS TAKEN FROM UNDERWATER INSPECTION BY CONSOR DATED NOVEMBER 2ND, 2023, AND ARE SHOWN 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.

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.

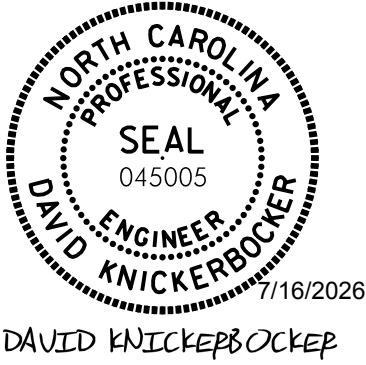
PILE JACKET LENGTH SHALL NOT BE LESS THAN 4'-0" REGARDLESS OF MUDLINE ELEVATION.

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

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

**BENT 2
PILE JACKET
REPAIR DETAILS**

REVISIONS						SHEET NO. S2-05
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	TOTAL SHEETS
2	--	--	4	--	--	34



DAVID KNICKERBOCKER

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

HDR HDR Engineering, Inc. of the Carolinas
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N.C.B.E.L.S. License Number: F-0116

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