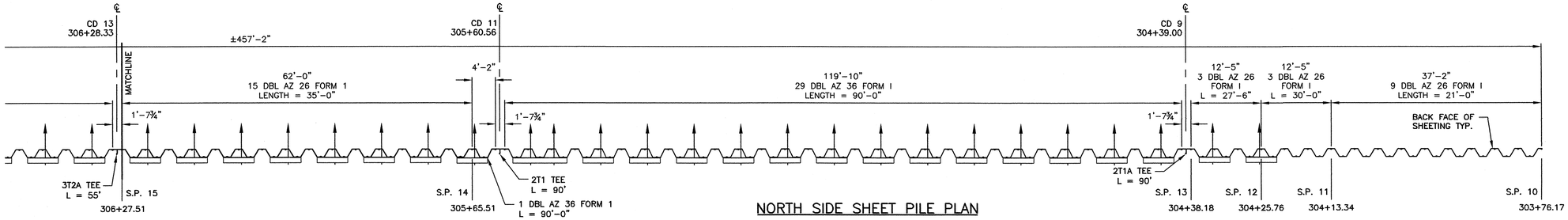
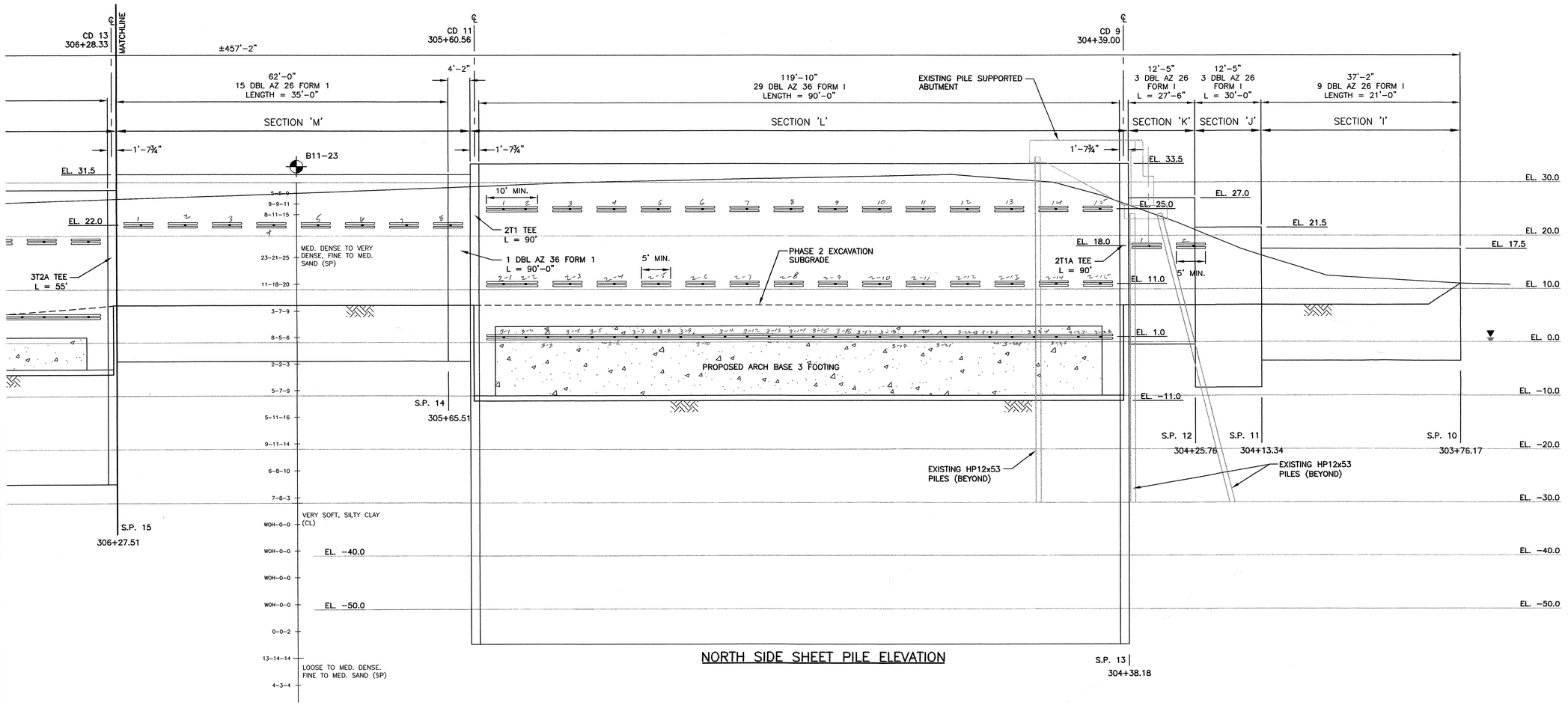


NORTH SIDE SHEET PILE PLAN



NORTH SIDE SHEET PILE ELEVATION

SHEET PILE WALL SCHEDULE – NORTH SIDE

SECTION	SHEET PILE SIZE	TIEBACK – LEVEL 1				TIEBACK – LEVEL 2				TIEBACK – LEVEL 3			
		D.L. @ 15' (KIPS)	ELEV.	SPACING (FT)	WALE	D.L. @ 15' (KIPS)	ELEV.	SPACING (FT)	WALE	D.L. @ 15' (KIPS)	ELEV.	SPACING (FT)	WALE
I	AZ 26	–	–	–	–	–	–	–	–	–	–	–	–
J	AZ 26	–	–	–	–	–	–	–	–	–	–	–	–
K	AZ 26	71	18	12.4	2C12x30	–	–	–	–	–	–	–	–
L	AZ 36	112	25	8.27	2C12x30	123	11	8.27	2C12x30	105	1	4.14	2C12x25
M	AZ 26	109	22	8.27	2C12x25	–	–	–	–	–	–	–	–
N	AZ 26	110	19	8.27	2C12x30	68	5	4.14	2C12x25	–	–	–	–
O	AZ 26	95	17	8.27	2C12x25	–	–	–	–	–	–	–	–
P	AZ 26	88	17	12.4	2C12x30	–	–	–	–	–	–	–	–
Q	AZ 26	–	–	–	–	–	–	–	–	–	–	–	–

TIEBACK TENDON TYPE & SIZE		MAX. DESIGN LOAD
0.6"ø, 270 KSI	2 STRANDS	70.3 KIPS
	3 STRANDS	105.4 KIPS
	4 STRANDS	140.6 KIPS
1"ø, 150 KSI THREADBAR		76.5 KIPS
1 1/4"ø, 150 KSI THREADBAR		112.5 KIPS
1 3/8"ø, 150 KSI THREADBAR		142.2 KIPS

0 10
Scale in Feet

JOHN J. PEIRCE JR.
REGISTERED
No. 6470
DELAWARE
PROFESSIONAL ENGINEER

JOHN J. PEIRCE JR.
5/24/05
DELAWARE PROFESSIONAL ENGINEER
LICENSE No. 6470

NO.	REVISIONS	DATE	APP'D
1	FIGG REVIEW COMMENTS DATED 6/17/05	6/27/05	

DESIGNED: JJP | CHK'D: JPB | DRAWN: JPB | CHK'D: JJP

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DELAWARE RIVER SEASHORE STATE PARK
BR 3-156 INDIAN RIVER INLET
FEDERAL AID PROJECT NO. BROS-S050(7)
NORTH SIDE PLAN

DWG. NAME: SHEETING.DWG | STRUCTURE NO.

SCALE: 1" = 10'

CONTRACT NO.	DWG. NO.	SHEET NO.
27-073-03		2 OF 6