

CONCRETE BEAM SCHEDULE

BEAM DESIGNATION	WIDTH	DEPTH	LENGTH	QUANTITY	LOCATION (PIER NO.)	PRESTRESSED BEAM ALTERNATE
B-1	8" x 16"					
A			18'-2"	82	1,7,13,14,15,16	PB-1
B			19'-2"	98	3,5,9,11,17,18	
B-2	16" x 16"					
A			18'-2"	43	1,7,13,14,15,16	PB-3
B			19'-2"	49	3,5,9,11,17,18	
B-3	12" x 16"					
A			26'-8"	4	4,6	PB-1
B			27'-8"	14	1,3,5,7,9,11,13,18	
C			25'-10"	1	13	
B-4	16" x 16"					
A			25'-6"	1	6	PB-3
B			26'-2"	7	1,3,5,7,9,11,13,18	
C			25'-10"	1	13	
B-5	12" x 16"					
A			23'-2"	44	4,6,12	PB-1
B			25'-2"	16	2	
B-6	16" x 16"					
A			23'-2"	14	6,12	PB-3
B-7	20" x 16"					
A			23'-2"	8	4	PB-3
B			25'-2"	8	2	
C			25'-8"	1	4	
D			11'-8"	1	2	
B-8	12" x 16"					
A			18'-1"	26	1	PB-2
B-9	12" x 16"					
A			12'-8"	1	2	PB-1
B-10	8" x 16"					
A			24'-6"	224	1,3,5,7,9,11,13-18	PB-1
B			24'-6"	22	8,10	
B-11	8" x 16"					
A			32'-6"	82	2,4,6,12	PB-1
B-12	8" x 16"					
A			20'-4"	1	12	PB-1
B-13	8" x 16"					
A			16'-5"	1	12	PB-1
B			16'-8"	2	17	
B-14	16" x 16"					
A			17'-0"	1	12	PB-3
B			15'-8"	1	17	
B-15	12" x 16"					
A			28'-0"	1	13	PB-1
B-16	8" x 16"					
A			13'-8"	1	14	PB-1
B-17	8" x 16"					
A			15'-10"	1	14	PB-1
B-18	16" x 16"					
A			13'-8"	1	14	PB-3
B-19	8" x 16"					
A			22'-6"	4	15,16	PB-1

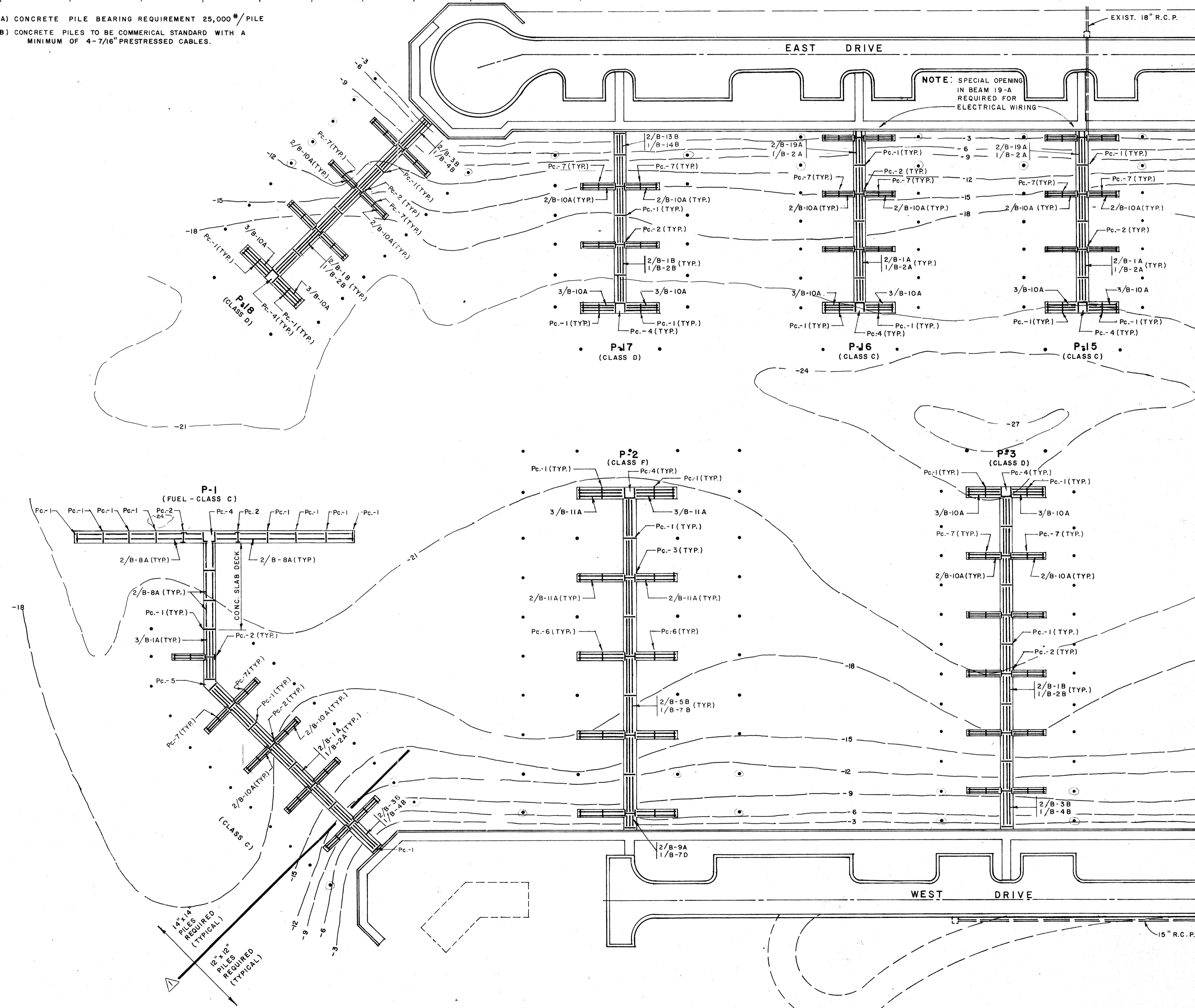
PILE CAP SCHEDULE

PILE CAP DESIGNATION	QUANTITY
Pc-1	141
Pc-2	48
Pc-3	15
Pc-4	16
Pc-5	1
Pc-6	58
Pc-7	197

PILE SCHEDULE

MATERIAL	SIZE	LENGTH	QUANTITY	TIP ELEVATION	REMARKS
TIMBER	8" TIP	35'	56	-25MSL	⊙ DENOTES LOCATION
TIMBER	8" TIP	45'	302	-35MSL	● DENOTES LOCATION
CONC.	12" x 12"	30'	252	-25MSL	SEE NOTE No.1
CONC.	14" x 14"	40'	859	-35MSL	SEE NOTE No.1

- (A) CONCRETE PILE BEARING REQUIREMENT 25,000#/PILE
- (B) CONCRETE PILES TO BE COMMERCIAL STANDARD WITH A MINIMUM OF 4-7/16" PRESTRESSED CABLES.



NOTE:

- (1.) 12" x 12" PILES SHALL BE USED WHERE EXISTING BOTTOM ELEVATIONS ARE -12 OR ABOVE.
- (2.) 14" x 14" PILES SHALL BE USED WHERE EXISTING BOTTOM ELEVATIONS ARE BELOW -12.

MATCH LINE
See Sheet No. 191-520

MATCH LINE
See Sheet No. 191-520

BENNETT & BISHOP
CONSULTING ENGINEERS & SURVEYORS
SARASOTA, FLORIDA

ARVIDA CORPORATION
BAY ISLES - HARBOUR MOORINGS
STRUCTURAL LAYOUT - NORTH

DATE: JAN 11, 1982
SCALE: 1" = 40'
DESIGN: [Signature]
DRAWN: [Signature]
CHECK: [Signature]
APPROVED: [Signature]

DWG. No. 191-519