



PILE LAYOUT PLAN

PILE SUMMARY TABLE

LOCATION	NUMBER OF PILES	PILE SIZE	PILE CUT-OFF ELEVATION**	ESTIMATED AVERAGE PILE LENGTH	REMARKS	PILE DESIGN LOAD	ULTIMATE BEARING VALUE - R
REAR ABUTMENT	1 THRU 7; 10; 8; 9	12" CIPRCP	790.62±	60 FT.	BATTER 1:4 VERTICAL	49 TONS PER PILE	98 TONS PER PILE
PIER 1	11 THRU 16	12" CIPRCP	776.05	40 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 2	17 THRU 22	12" CIPRCP	776.25	35 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 3	23 THRU 28	12" CIPRCP	776.45	40 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 4	29 THRU 34	12" CIPRCP	776.65	45 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
PIER 5	35 THRU 40	12" CIPRCP	776.85	45 FT.	VERTICAL	40 TONS PER PILE	80 TONS PER PILE
FORWARD ABUTMENT	41 THRU 45; 48; 49; 50; 46; 47	12" CIPRCP	791.07±	55 FT.	BATTER 1:4 VERTICAL	45 TONS PER PILE	90 TONS PER PILE

* - FOR REFERENCE LINE DIAGRAM, SEE SHEET 2/41.
** - PILE CUT-OFF ELEVATIONS ARE BASED ON 1'-0" EMBEDMENT ABOVE BOTTOM OF FOOTING ELEVATIONS. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING BOTTOM OF ABUTMENT FOOTING ELEVATIONS AND ADJUST THE CUT-OFF ELEVATION TO PROVIDE A MINIMUM 1'-0" EMBEDMENT.

LEGEND

- - 12" DIAMETER CAST-IN-PLACE REINFORCED CONCRETE PILE (12" CIPRCP)
- - EXISTING 12" DIAMETER CAST-IN-PLACE REINFORCED CONCRETE PILE
- ↓ - PILE BATTER DIRECTION (1:4)
- ⊗ - PILE NUMBER

NOTES:

1. FOR LIMITS OF EXISTING ABUTMENTS AND PIERS REMOVAL, SEE SHEET 13/41.
2. NOTATION: TYP.-TYPICAL; STA.-STATION; BRG.-BEARING; FWD.-FORWARD.

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