

NOTES

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FOR PILES, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 450 OF THE STA SPECIFICATIONS.

PILES AT END BENT 1 AND END BENT 2 ARE DESIGNED FOR A FACTORED RESISTANCE TONS PER PILE.

DRIVE PILES AT END BENT 1 & END BENT 2 TO A REQUIRED DRIVING RESISTANCE TONS PER PILE.

STEEL H-PILE POINTS ARE REQUIRED FOR STEEL H-PILES.FOR STEEL PILE POINTS, SECTION 450 OF THE STANDARD SPECIFICATIONS.

TESTING PILES WITH THE PDA DURING DRIVING, RESTRIKING OR REDRIVING MAY E REQUIRED. THE ENGINEER WILL DETERMINE THE NEED FOR PDA TESTING. FOR PDA TE SEE SECTION 450 OF THE STANDARD SPECIFICATIONS.

FOR DRILLED PIERS, SEE GEOTECHNICAL SPECIAL PROVISIONS AND SECTION 411 OF STANDARD SPECIFICATIONS.

TONS PER PIER. CHECK FIELD CONDITIONS FOR THE REQUIRED TIP RESISTANCE OF TSF.

DRAWN BY : _	K.D.LAYNE	DATE : <u>4</u>	/21/16
CHECKED BY :	V.A. PATEL	DATE : <u>7</u>	/26/16
DESIGN ENGIN	EER OF RECORD: <u>N</u>	DAIUTO DATE :	3/1/16

ANDARD CE OF 85	PERMANENT STEEL CASINGS MAY BE REQUIRED FOR DRILLED PIERS AT BENT 1 & BENT 2.IF REQUIRED, DO NOT EXTEND PERMANENT CASINGS BELOW ELEVATION 526.0 WITHOUT PRIOR APPROVAL FROM THE ENGINEER.THE ENGINEER WILL DETERMINE THE NEED FOR PERMANENT CASINGS.
OF 142	INSTALL DRILLED PIERS AT BENT 1 & BENT 2 TO A TIP ELEVATION NO HIGHER THAN 512.5 WITH THE REQUIRED TIP RESISTANCE AND A PENETRATION OF AT LEAST 13.5 FT INTO PARTIALLY WEATHERED ROCK AND ROCK AS DEFINED BY ARTICLE 411-1 OF THE STANDARD SPECIFICATIONS.
, SEE BE	THE SCOUR CRITICAL ELEVATION FOR BENT 1 & BENT 2 IS ELEVATION 525.0.SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR POSSIBLE SCOUR PROBLEMS DURING THE LIFE OF THE STRUCTURE.
ESTING,	SID INSPECTIONS MAY BE REQUIRED FOR DRILLED PIERS.FOR SID INSPECTIONS,SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.
OF 335.0	CSL TUBES ARE REQUIRED AND CSL TESTING MAY BE REQUIRED FOR THE DRILLED PIERS. THE ENGINEER WILL DETERMINETHE NEED FOR CSL TESTING.FOR CSL TESTING, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.
23.0	SPT MAY BE REQUIRED FOR DRILLED PIERS.FOR SPT TESTING,SEE SECTION 411 OF THE