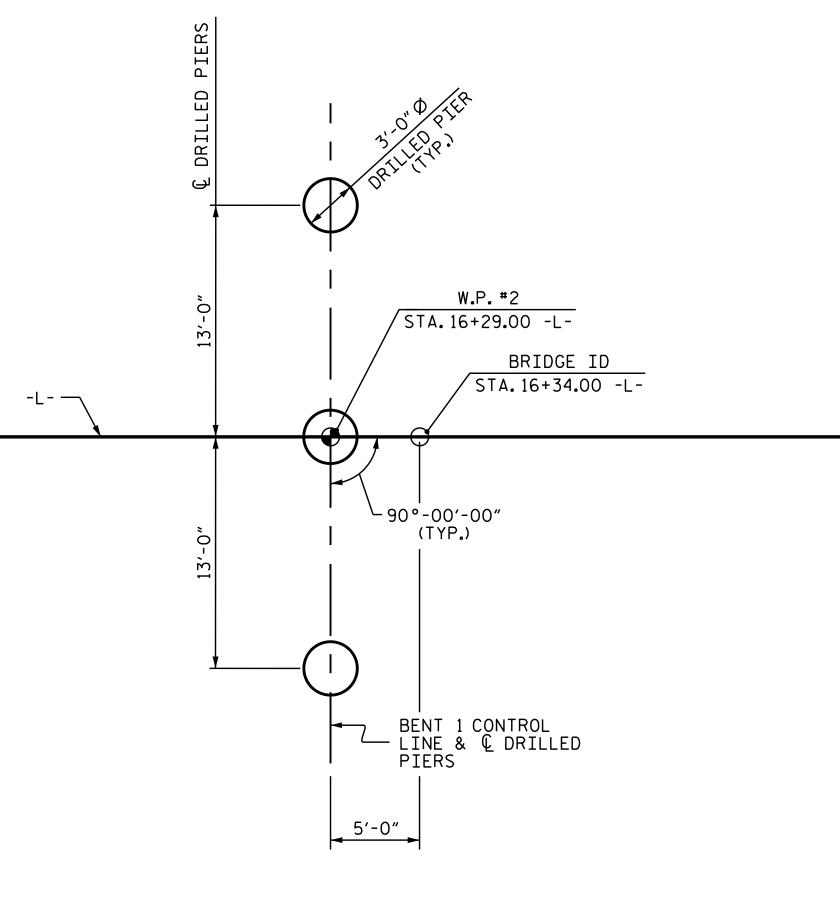
I-41/2* I-41/2* I-41/2* I-41/2*	
	FOR PILES,SEE GE SECTION 450 OF T
	PILES AT END BEN FACTORED RESISTA RESPECTIVELY.
	DRIVE PILES AT E DRIVING RESISTAN RESPECTIVELY.
	STEEL H-PILE POIN END BENT NOS.1 AN 450 OF THE STAND
	FOR DRILLED PIER AND SECTION 411 C
	DRILLED PIERS AT RESISTANCE OF 42 FOR THE REQUIRED
	INSTALL PERMANEN VIBRATING,SCREWI EXCAVATING OR DI 363 FT LT AND 35
DRAWN BY : <u>T.L. AVERETTE</u> DATE : <u>04/16</u> CHECKED BY : <u>K.W. ALFORD</u> DATE : <u>1/17</u> 22-FEB-2017_08:00	

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BENT 1

FOUNDATION LAYOUT

DIMENSIONS LOCATING PILES AND DRILLED PIERS ARE SHOWN TO THE CENTERLINE OF PILES & DRILLED PIERS.

NOTES

EOTECHNICAL SPECIAL PROVISIONS AND THE STANDARD SPECIFICATIONS.

ENT NOS.1 AND 2 ARE DESIGNED FOR A TANCE OF 75 AND 80 TONS PER PILE,

END BENT NOS. 1 AND 2 TO A REQUIRED ANCE OF 125 AND 135 TONS PER PILE,

INTS ARE REQUIRED FOR STEEL H-PILES AT AND 2. FOR STEEL PILE POINTS, SEE SECTION NDARD SPECIFICATIONS.

ERS, SEE GEOTECHNICAL SPECIAL PROVISIONS OF THE STANDARD SPECIFICATIONS.

AT BENT NO.1 ARE DESIGNED FOR A FACTORED 25 TONS PER PIER. CHECK FIELD CONDITIONS ED TIP RESISTANCE OF 150 TSF.

ENT STEEL CASINGS AT BENT NO.1 BY WING OR DRIVING PERMANENT CASINGS BEFORE DISTURBING ANY MATERIAL BELOW ELEVATION 351 FT CL AND RT.

PERMANENT STEEL CASINGS ARE REQUIRED FOR DRILLED PIERS AT BENT NO.1. DO NOT EXTEND PERMANENT CASINGS BELOW ELEVATION 363 FT LT AND 351 FT CL AND RT WITHOUT PRIOR APPROVAL FROM THE ENGINEER.

INSTALL DRILLED PIERS AT BENT NO.1 TO A TIP ELEVATION NO HIGHER THAN 355 FT LT, 347 FT CL AND RT, AND WITH THE REQUIRED TIP RESISTANCE.

SID INSPECTIONS MAY BE REQUIRED FOR DRILLED PIERS. THE ENGINEER WILL DETERMINE THE NEED FOR SID INSPECTIONS.FOR SID INSPECTIONS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

CSL TUBES ARE REQUIRED AND CSL TESTING MAY BE REQUIRED FOR DRILLED PIERS. THE ENGINEER WILL DETERMINE THE NEED FOR CSL TESTING. FOR CSL TESTING, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

THE SCOUR CRITICAL ELEVATION FOR BENT NO.1 IS ELEVATION 361 FT LT AND 352 FT CL AND RT. SCOUR CRITICAL ELEVATIONS ARE USED TO MONITOR POSSIBLE SCOUR PROBLEMS DURING THE LIFE OF THE STRUCTURE.

