

20-APR-2016 09:27 R:\Structures\Plans\B4766\_SD\_GD\_01.dgn vpatel

DATION NOTES					
S, SEE GEOTECHNICAL SPECIAL PROVIS	IONS AN	ND SECT	ION 450	OF THE	_
END BENT 1 ARE DESIGNED FOR A FAC	CTORED	RESISTA	NCE OF	115 TONS	
LES AT END BENT 1 TO A REQUIRED DF	RIVING	RESIST	ANCE OF	192 TONS	
LED PIERS, SEE GEOTECHNICAL SPECIAL TANDARD SPECIFICATIONS.	L PROVI	SIONS	AND SEC	TION 411	
PIERS AT BENT 1 ARE DESIGNED FOR A PIER.CHECK FIELD CONDITIONS FOR	A FACTO THE REC	RED RES DUIRED	SISTANCE TIP RES	E OF 640 ISTANCE O	F
IT STEEL CASINGS MAY BE REQUIRED F DO NOT EXTEND PERMANENT CASINGS D (RT) WITHOUT PRIOR APPROVAL FROM ERMINE THE NEED FOR PERMANENT CAS	OR DRI BELOW THE EN INGS.	LLED PI ELEVATI GINEER.	ERS AT [ON 983. THE ENC	BENT 1.IF O (LT) GINEER	
DRILLED PIERS AT BENT 1 TO A TIP E 959.0 (RT) WITH THE REQUIRED TIP RES AST 12 FT INTO ROCK AS DEFINED BY ATIONS.	ELEVATI SISTANC ARTICL	ON NO F E AND A E 411-1	HIGHER A PENETH OF THE	THAN 964.0 RATION STANDARD	
R CRITICAL ELEVATION FOR BENT 1 IS R CRITICAL ELEVATIONS ARE USED TO THE LIFE OF THE STRUCTURE.	S 982.0 MONIT	(LT) ANE OR POSS	) 976.0 SIBLE SC	(RT). COUR PROBL	.EMS
ECTIONS MAY BE REQUIRED FOR DRILL ONS, SEE SECTION 411 OF THE STANDAR	ED PIE D SPEC	RS AT B IFICATI	ENT 1.F ONS.	OR SID	
S ARE REQUIRED AND CSL TESTING MA NEER WILL DETERMINE THE NEED FOR ( 411 OF THE STANDARD SPECIFICATIONS	Y BE RE CSL TES	EQUIRED TING.F(	FOR DR DR CSL 1	ILLED PIE TESTING, SE	RS. EE
BE REQUIRED FOR DRILLED PIERS AT 411 OF THE STANDARD SPECIFICATIONS	BENT 1.	FOR SP	T TESTI	NG, SEE	
END BENT 2 ARE DESIGNED FOR A FA	CTORED	RESIST	ANCE OF	105 TONS	
LES AT END BENT 2 TO A REQUIRED D	RIVING	RESIST	ANCE OF	175 TONS	
PILES WITH THE PDA DURING DRIVING RED.THE ENGINEER WILL DETERMINE TH ING,SEE SECTION 450 OF THE STANDA	G, RESTR HE NEED RD SPE(	IKING C FOR PE CIFICAT	R REDRI DA TESTI IONS.	VING MAY ING.FOR	
PR0 STA	JECT I	NO. REDE	<u></u>	<u>B-476</u> C 8.00	5 <u>6</u> SOUNTY -L-
SHEET	2 OF	3			
FOR SEAL 23371 FOR DocuSigned by: vipul - patel 1C157DE15D464AA	DEPAR GEI R BR 1590 & SR	STATI MENT NERA IDGE N NC 5 (TA 1597	OF NORTH OF OF TR RALEIGH OVER 115 I YLOR (RAC	ANSPORT	ATION NG (CREEK N GS RD.) H RD.)
4/21/2016	BY:	REVIS	IONS NO. BY:	DATE:	SHEET NO. S-2
FINAL UNLESS ALL 1 SIGNATURES COMPLETED 2			3 4		TOTAL SHEETS 26

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