

NOTES

STIRRUPS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

HOOKS ON "V" BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

FOR DRILLED PIERS, SEE SECTION 411 OF THE STANDARD SPECIFICATIONS.

ALL STEEL IN THE DRILLED PIERS IS INCLUDED IN THE PAY ITEMS FOR "REINFORCING STEEL" AND "SPIRAL COLUMN REINFORCING STEEL."

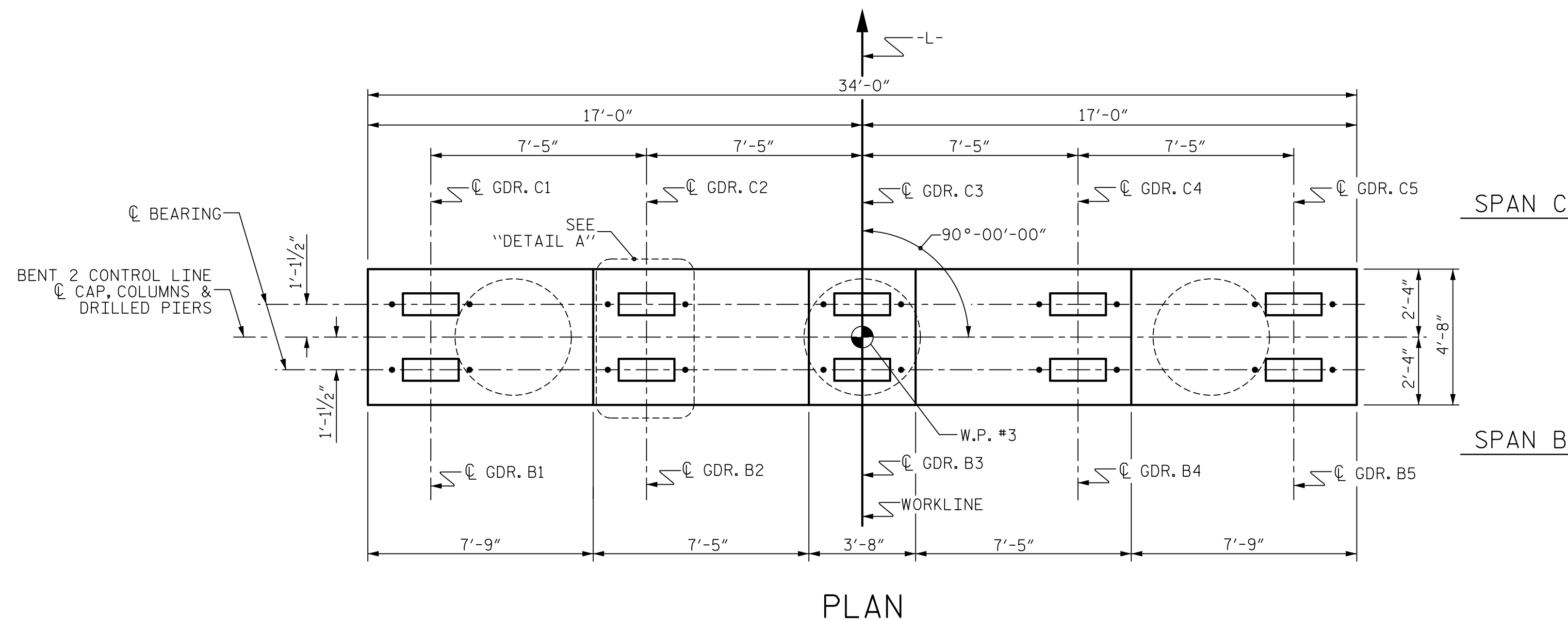
★ INVERT ALTERNATE STIRRUPS.

DRILLED PIERS SHALL BE TERMINATED ONE FOOT ± ABOVE NORMAL WATER SURFACE ELEVATION FOR SHAFTS LOCATED IN WATER.

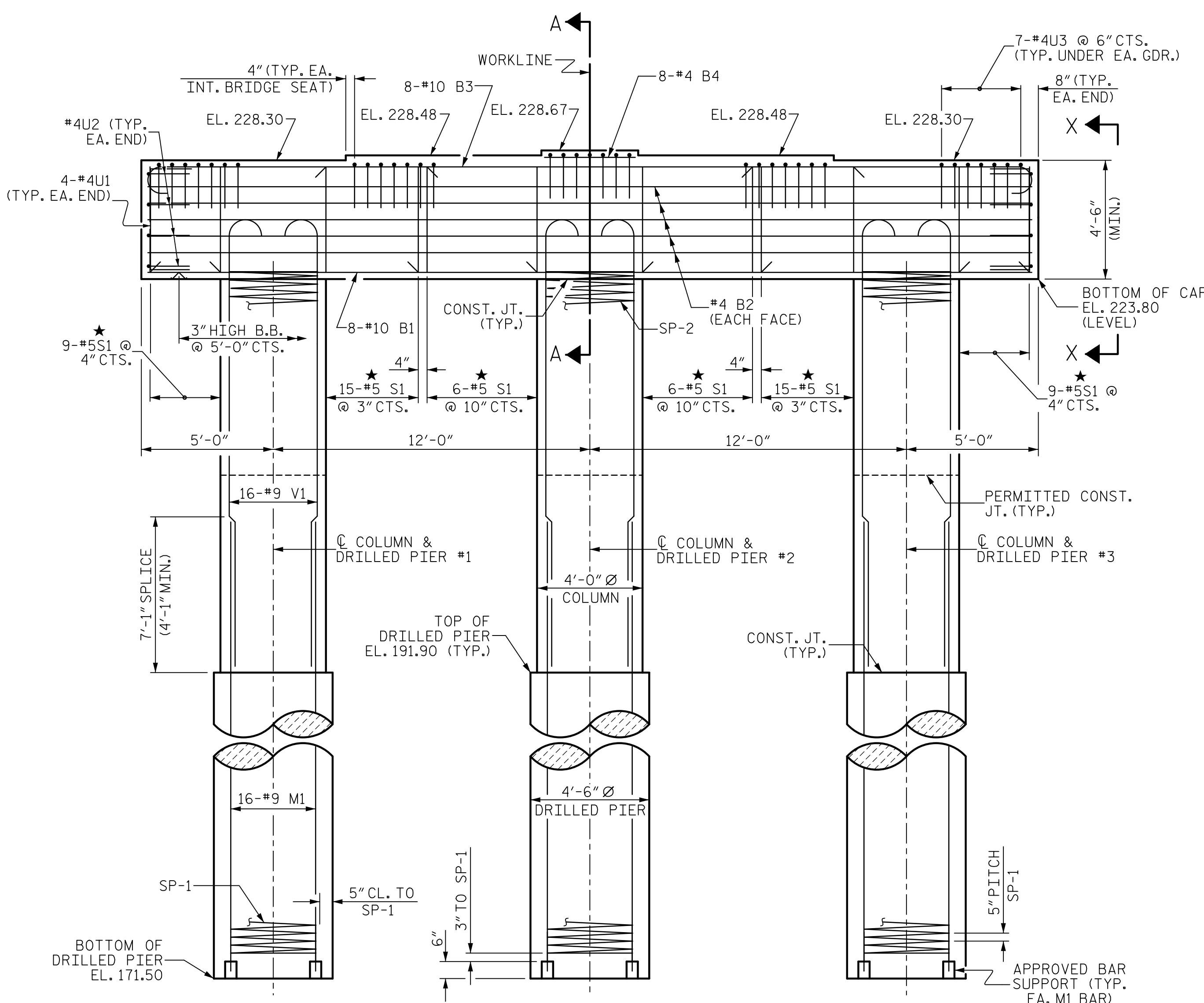
THE CONTRACTOR'S ATTENTION IS CALLED TO THE FACT THAT THE LONGITUDINAL REINFORCEMENT FOR DRILLED PIERS IS DETAILED WITH 3 FEET OF EXTRA LENGTH.

SPlicing OF THE LONGITUDINAL BARS IN THE DRILLED PIER WILL NOT BE PERMITTED.

SEE SHEET 2 OF 2 FOR SECTIONS "A-A" AND "X-X".

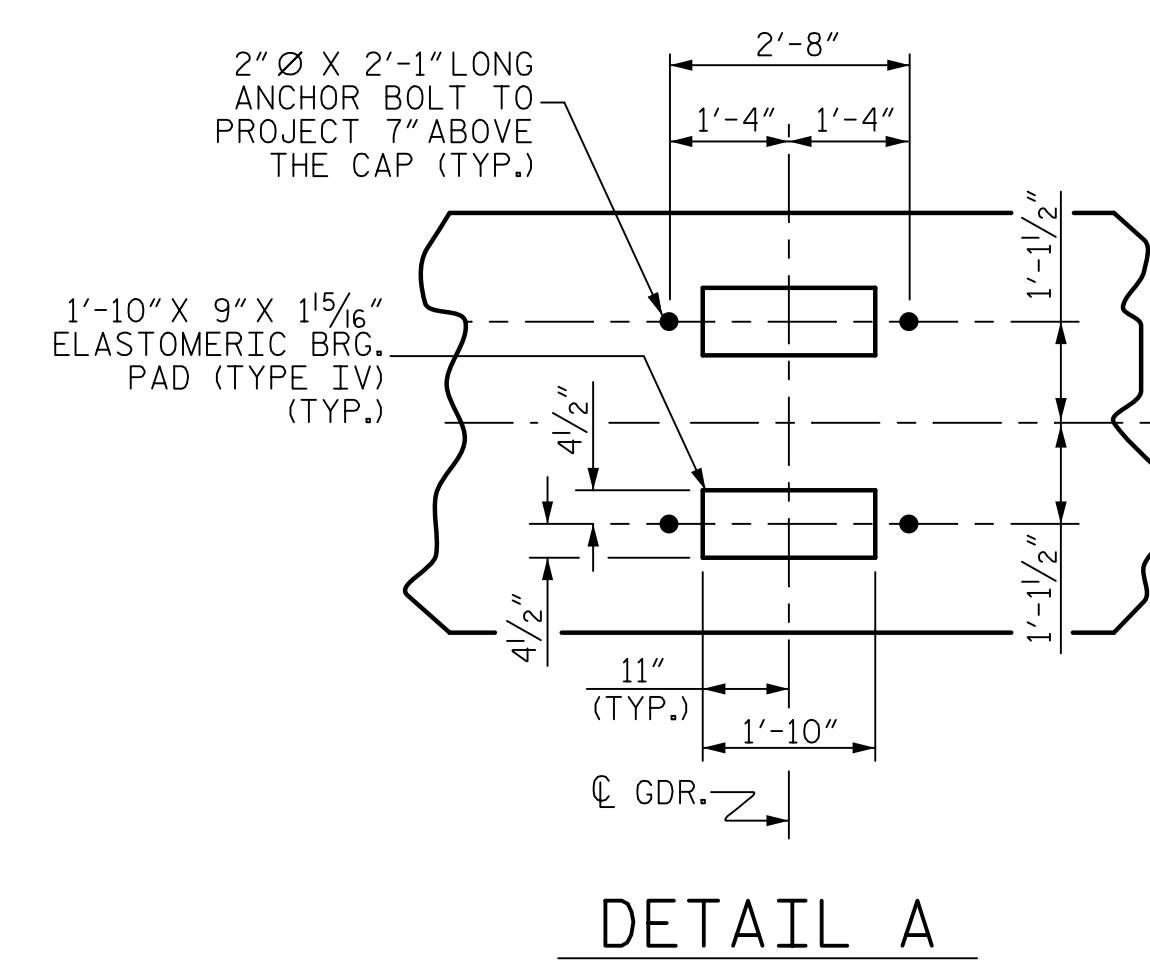


PLAN



ELEVATION

(INFORMATION SHOWN IS TYPICAL FOR EACH COLUMN AND DRILLED PIER)



DETAIL A

PROJECT NO. B-4407  
ANSON/STANLY COUNTY  
STATION: 32+31.61 -L-

SHEET 1 OF 2

V&M Vaughn & Melton Consulting Engineers logo and contact information for various locations including Asheville, NC and Raleigh, NC.



3/18/2021

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
RALEIGH

SUBSTRUCTURE  
BENT NO. 2

REVISIONS

NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

SHEET NO. S-37  
TOTAL SHEETS 45

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DWN. BY: WDC  
CHKD. BY: PRG  
DES. EGR. OF RECORD: PRG  
DATE: 10/2020  
DATE: 10/2020  
DATE: 10/2020

WDC/ldg/vp/ncvttransportation/3/18/2021/B4407/Structures/Plan/Plans/VOL\_073\_B-4407\_SMU\_BT21\_LST.dgn  
DATE: 05:40 PM on Friday, February 05, 2021  
TIME: 05:40 PM on Friday, February 05, 2021