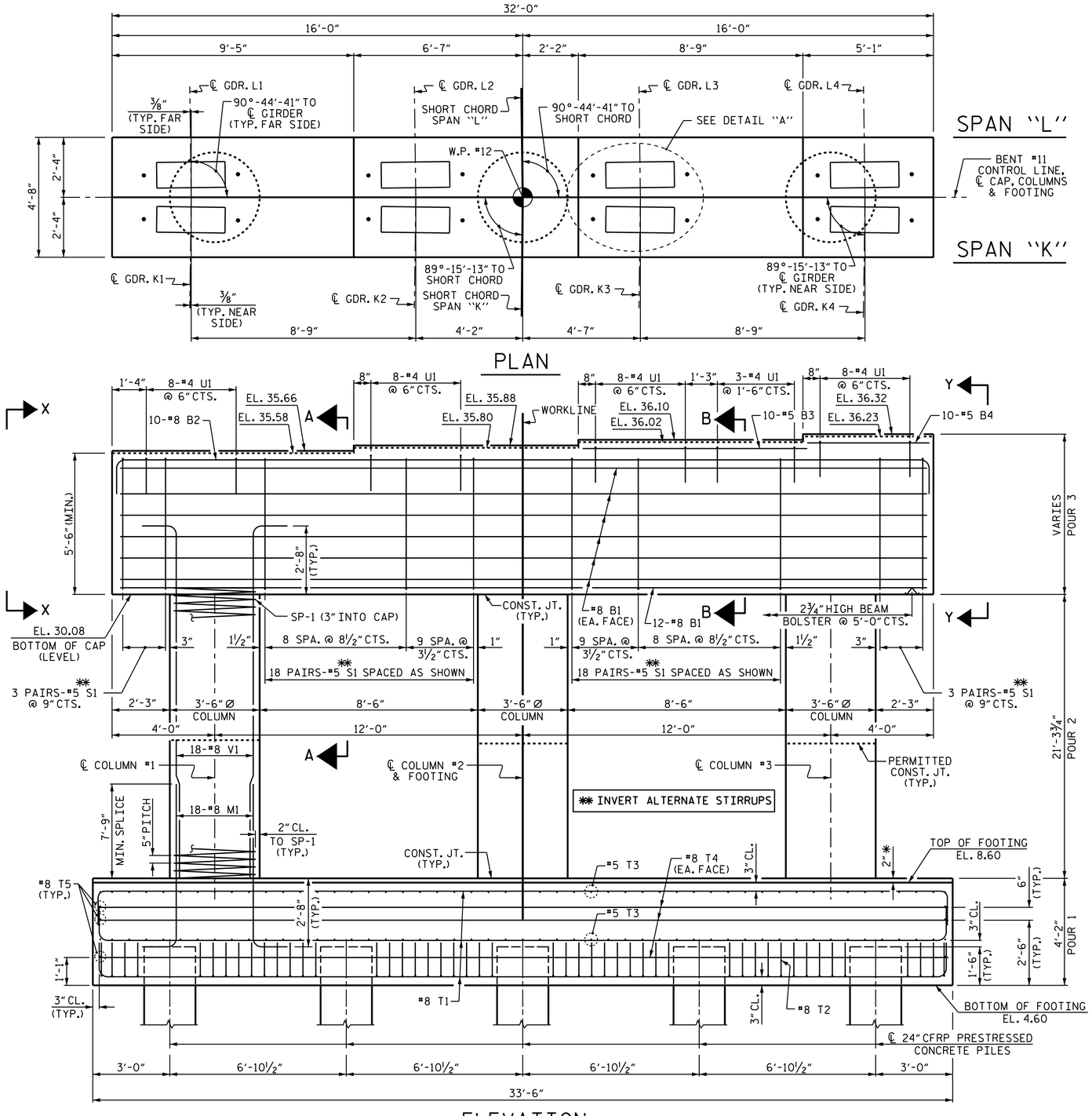


ELEVATION

REINFORCING BAR DIMENSIONS AND DETAILS ARE TYPICAL FOR EACH COLUMN
FOR ADDITIONAL REINFORCING BARS IN ENDS OF CAP, SEE END VIEW ON SHEET 3 OF 3
#4 U5 BARS IN FOOTING NOT SHOWN, SEE SHEET 2 OF 3

NOTES

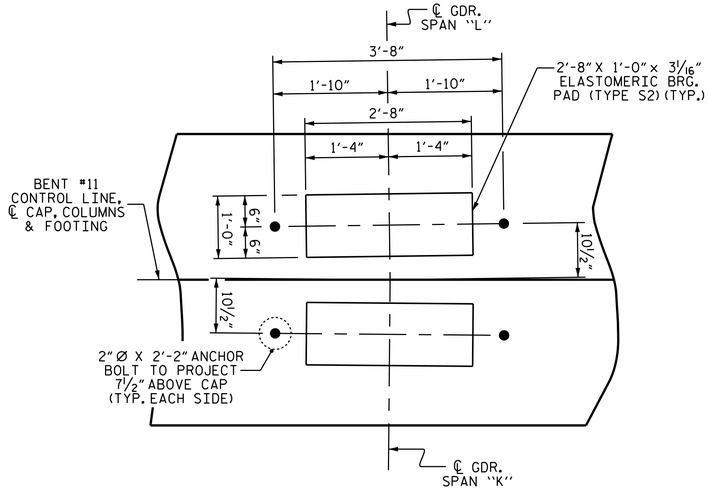
STIRRUPS AND U1 BARS IN CAP MAY BE SHIFTED AS NECESSARY TO CLEAR ANCHOR BOLTS.

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

CONCRETE DISPLACED BY CONCRETE PILES HAS BEEN DEDUCTED FROM THE FOOTING CONCRETE QUANTITY.

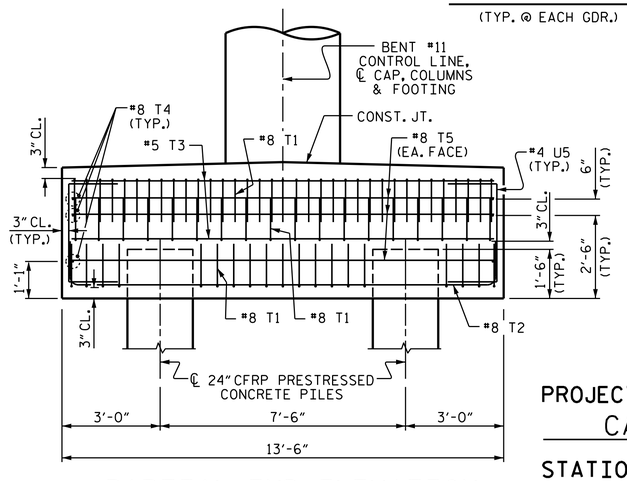
ALL REINFORCING IN THE CAP, COLUMNS AND FOOTING IS TO BE GLASS FIBER REINFORCED POLYMER (GFRP) BARS. FOR GLASS FIBER REINFORCED POLYMER BARS, SEE SPECIAL PROVISIONS.

✳ THE FOOTING HAS A DROP OF 2" FROM THE CENTER OF THE FOOTING TO THE EDGE OF THE FOOTING TO ACCOMODATE DRAINAGE.



DETAIL "A"

(TYP. @ EACH GDR.)



PARTIAL END ELEVATION

SEE ELEVATION FOR COLUMN REINFORCING BARS

PROJECT NO. B-4863

CARTERET COUNTY

STATION: 34+75.00 -L-

SHEET 1 OF 3

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE

BENT #11

NORTH CAROLINA PROFESSIONAL SEAL 035451 ENGINEER ASHVIN K. PATEL

DocuSigned by: Ashvin Patel 7F189E5610244D3...
3/9/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S1-151
1			3			TOTAL SHEETS
2			4			194

DRAWN BY :	T.L. AVERETTE	DATE : 02/2019
CHECKED BY :	A. K. PATEL	DATE : 04/2019
DESIGN ENGINEER OF RECORD:	A. K. PATEL	DATE : 04/2019

06-MAR-2020 12:30
S:\DEV\Squad_D\B4863\Plans\FINAL PLANS\B-4863_SMU_B1 B15.dgn
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