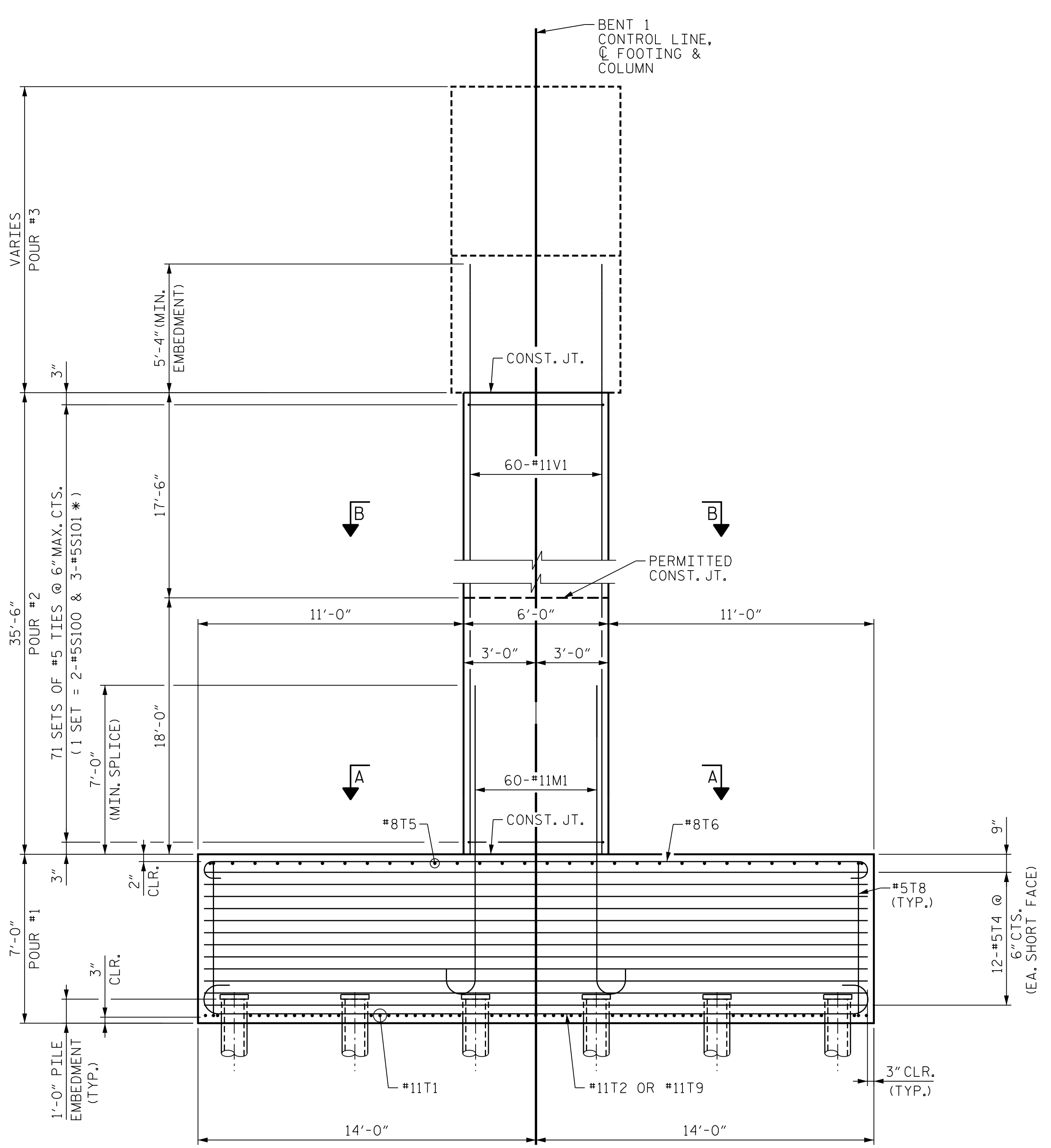


FRONT ELEVATION

* INVERT ORIENTATION OF ALTERNATE #5S101 TIES



END ELEVATION

NOTES FOR BENTS 1 THROUGH 6

HOOKS ON T7 (BENT 2 ONLY) AND M1 BARS MAY BE TURNED AS NECESSARY FOR PLACING REINFORCING STEEL.

"T" BARS IN TOP OF FOOTING MAY BE SHIFTED AS NECESSARY, WITHOUT VIOLATING THE 1'-0" MAXIMUM SPACING, TO CLEAR M1 BARS EXTENDING INTO COLUMN.

FOR MASS CONCRETE, SEE SPECIAL PROVISIONS.

FOR HP PILE SPLICE DETAILS, SEE "SUBSTRUCTURE END BENT 1", SHEET 3 OF 3.

PLANS AND CALCULATIONS FOR ANY TEMPORARY SUPPORTS ATTACHED TO FOOTINGS, COLUMNS OR BENT CAPS SHALL BE SUBMITTED FOR REVIEW AND APPROVED BY THE ENGINEER PRIOR TO START OF BENT CONSTRUCTION. ANY ATTACHMENT PROVISIONS SHALL BE REMOVED AFTER USE AND THE FOOTINGS, COLUMNS OR BENT CAPS REPAIRED IN SUCH A WAY AS TO NOT COMPROMISE THE INTEGRITY OF THE BENT IN ANY WAY.

DETAILED DRAWINGS FOR FALSWORK AND FORMS FOR ALL HAMMERHEAD BENTS SHALL BE SUBMITTED. SEE SPECIAL PROVISIONS FOR FORMWORK AND FALSWORK.

NOTES FOR BENT 1

FOR FOOTING PLAN, SECTION A-A AND SECTION B-B, SEE "SUBSTRUCTURE BENT 1 FOOTING & COLUMN DETAILS", SHEET 2 OF 5.

FOR DETAILS OF BENT CAP, SEE "SUBSTRUCTURE BENT 1 BENT CAP PLAN AND ELEVATION", SHEET 3 OF 5 AND "SUBSTRUCTURE BENT 1 BENT CAP DETAILS", SHEET 4 OF 5.

FOR MICROPILE DETAILS, SEE "SUBSTRUCTURE MICROPILE DETAILS" SHEET.

PROJECT NO. U-2579AB

FORSYTH COUNTY

STATION: 47+63.62 -Y15FLYBD-

SHEET 1 OF 5

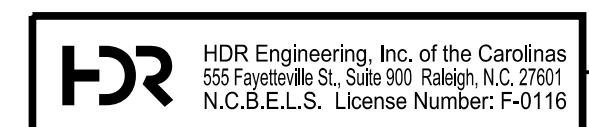


10/11/2021

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE BENT 1 ELEVATIONS

REVISIONS						SHEET NO. S05-075 TOTAL SHEETS 116
NO.	BY:	DATE:	NO.	BY:	DATE:	
1	--	--	3	--	--	
2	--	--	4	--	--	



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PLOT DRIVER: NCDOT.pdf_color_eng-50dpi
USER: PETERSON DATE: 10/11/2021
FILE: ...SUBSTR

DES BY: <u>K. OLIVER</u>	DATE: <u>11/19</u>	DWG BY: <u>B. PETERSON</u>	DATE: <u>11/19</u>
DES CHK: <u>N. LIU</u>	DATE: <u>11/19</u>	CHK BY: <u>N. LIU</u>	DATE: <u>12/19</u>