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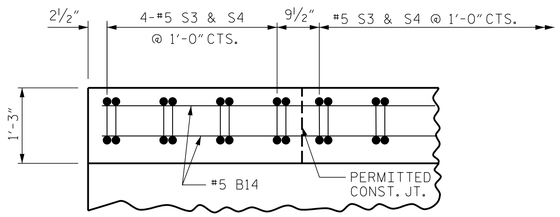
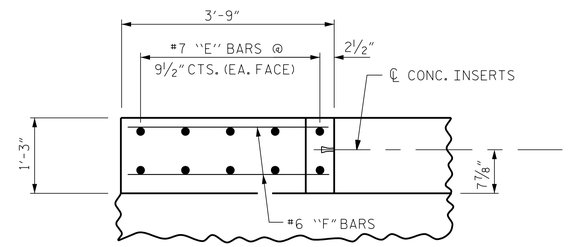
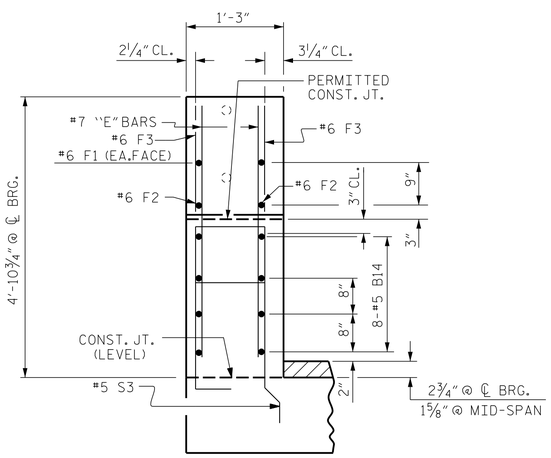


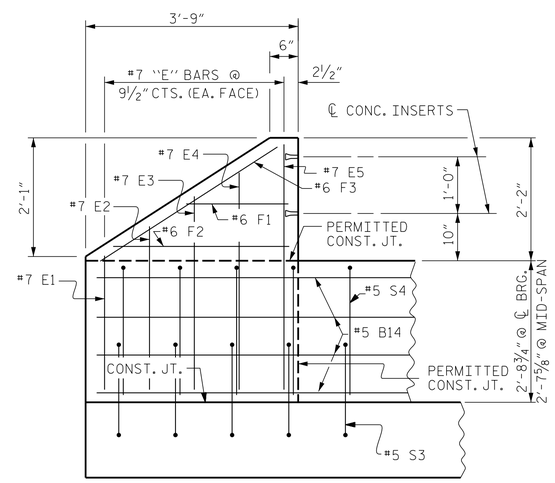
PLAN OF PARAPET



PLAN OF END POST



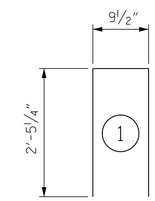
END VIEW



ELEVATION

PARAPET AND END POST FOR TWO BAR RAIL

BAR TYPE

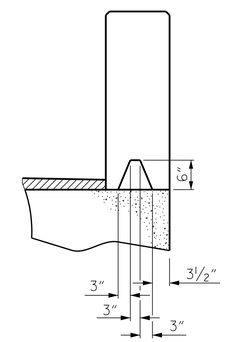


ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL FOR PARAPETS AND END POSTS

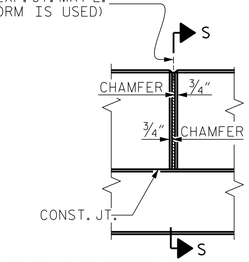
BAR	NUMBER	SIZE	TYPE	LENGTH	WEIGHT
✳ B14	32	#5	STR	27'-1"	904
✳ E1	8	#7	STR	2'-7"	42
✳ E2	8	#7	STR	3'-1"	50
✳ E3	8	#7	STR	3'-7"	59
✳ E4	8	#7	STR	4'-1"	67
✳ E5	8	#7	STR	4'-6"	74
✳ F1	8	#6	STR	1'-10"	22
✳ F2	8	#6	STR	3'-0"	36
✳ F3	8	#6	STR	3'-4"	40
✳ S4	112	#5	1	5'-8"	662

✳ EPOXY COATED REINFORCING STEEL	LBS.	1,956
CLASS AA CONCRETE	CU. YDS.	14.5
2'-8¾" X 1'-3" CONC. PARAPET		110.0



SECTION S-S
AT DAM IN OPEN JOINT
(THIS IS TO BE USED ONLY WHEN SLIP FORM IS USED)

℄ ½" EXP. JT. MAT'L HELD IN PLACE WITH GALVANIZED NAILS. (NOTE: OMIT EXP. JT. MAT'L. WHEN SLIP FORM IS USED)



ELEVATION AT EXPANSION JOINTS

PROJECT NO. 17BP.1.R.82
HYDE COUNTY
STATION: 13+23.50 -L-

SHEET 4 OF 4

ENGINEER OF RECORD:
Docusigned by: Gregory M. Gilland
NORTH CAROLINA PROFESSIONAL SEAL 37400 ENGINEER GREGORY M. GILLAND
8/11/2017

WETHERILL ENGINEERING
1223 Jones Franklin Rd.
Raleigh, N.C. 27606
Bus: 919 851 8077
Fax: 919 851 8107
LICENSE NO. F-0377

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUPERSTRUCTURE

CONCRETE PARAPET DETAILS

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-7
1			3			TOTAL SHEETS
2			4			17

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DRAWN BY : D. HODGE DATE : 4/17
CHECKED BY : J. DILWORTH DATE : 4/17

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