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BAR TYPE

ALL BAR DIMENSIONS ARE OUT TO OUT

BILL OF MATERIAL

2 PARAPETS AND 4 END POSTS

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
✳ B9	48	#5	STR	28'-0"	1402
✳ E1	8	#7	STR	2'-11"	48
✳ E2	8	#7	STR	3'-5"	56
✳ E3	8	#7	STR	3'-11"	64
✳ E4	8	#7	STR	4'-5"	72
✳ E5	8	#7	STR	4'-9"	78
✳ F1	8	#6	STR	1'-10"	22
✳ F2	8	#6	STR	3'-0"	36
✳ F3	8	#6	STR	3'-4"	40
✳ S6	236	#5	2	5'-8"	1395

✳ EPOXY COATED REINFORCING STEEL	3213 LBS.
CLASS AA CONCRETE	21.9 C.Y.
1'-2" X 2'-11¼" CONCRETE PARAPET	170.0 LIN. FT.

SPLICE LENGTH CHART

BAR SIZE	EPOXY COATED
#5	2'-6"
#6	3'-10"
#7	4'-1"

PLAN OF PARAPET

PLAN OF END POST

END VIEW

ELEVATION

PARAPET AND END POST FOR TWO BAR RAIL

TWO BAR METAL RAIL PARAPET SECTION

PROJECT NO. 17BP.1.R.78

GATES COUNTY

STATION: 18+41.00 -L-

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NORTH CAROLINA PROFESSIONAL SEAL 18090 ENGINEER THOMAS PAUL GARRETT
DocuSigned by: Thomas Paul Garrett
5/23/2018 8:00:55 AM PDT

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DWN. BY: FRJ	DATE: 1/18
CHKD. BY: TPG	DATE: 1/18
DES. EGR. OF RECORD: RTS	DATE: 1/18

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

PARAPET AND END POST FOR 2 BAR METAL RAIL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-9
1			3			TOTAL SHEETS
2			4			19