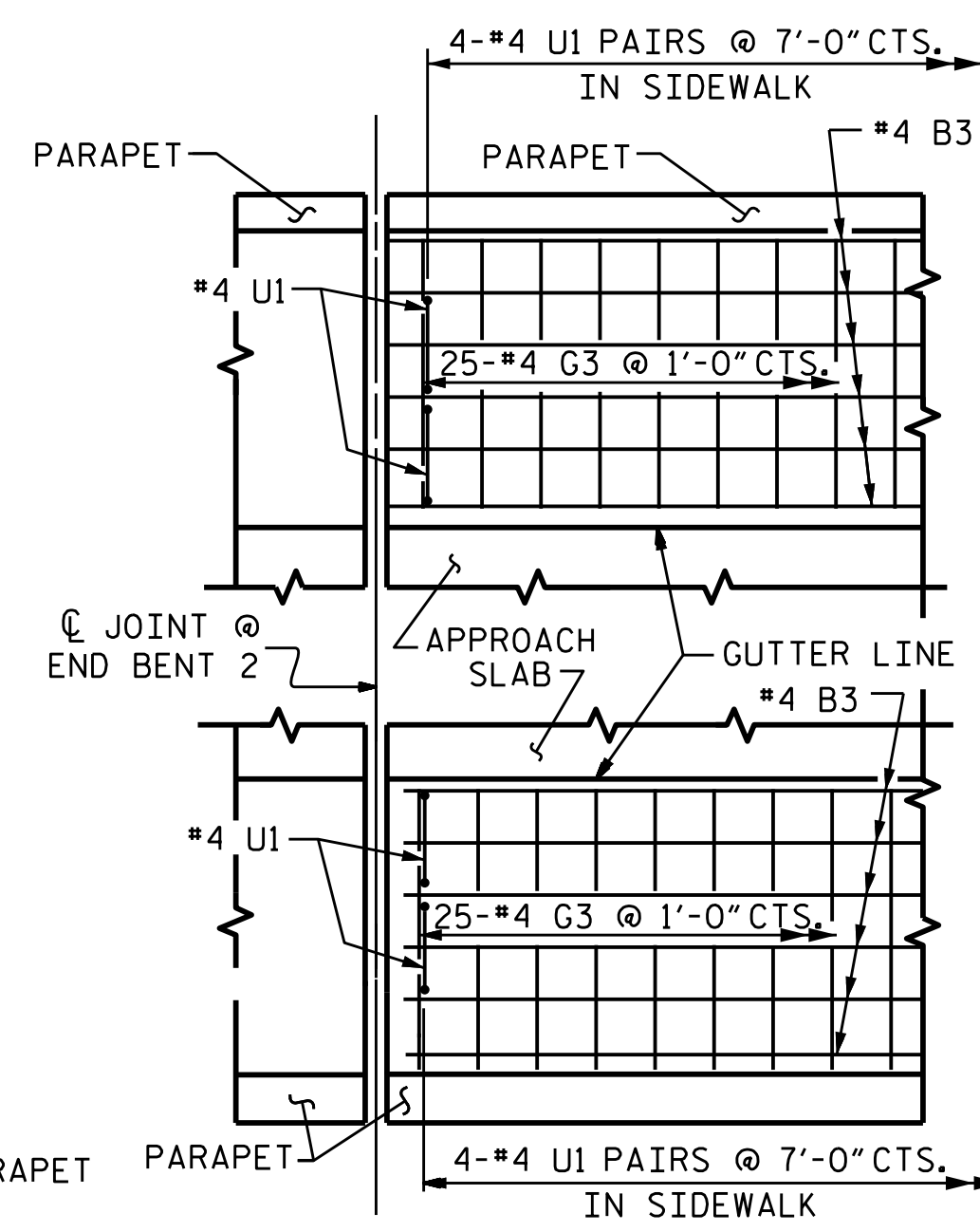
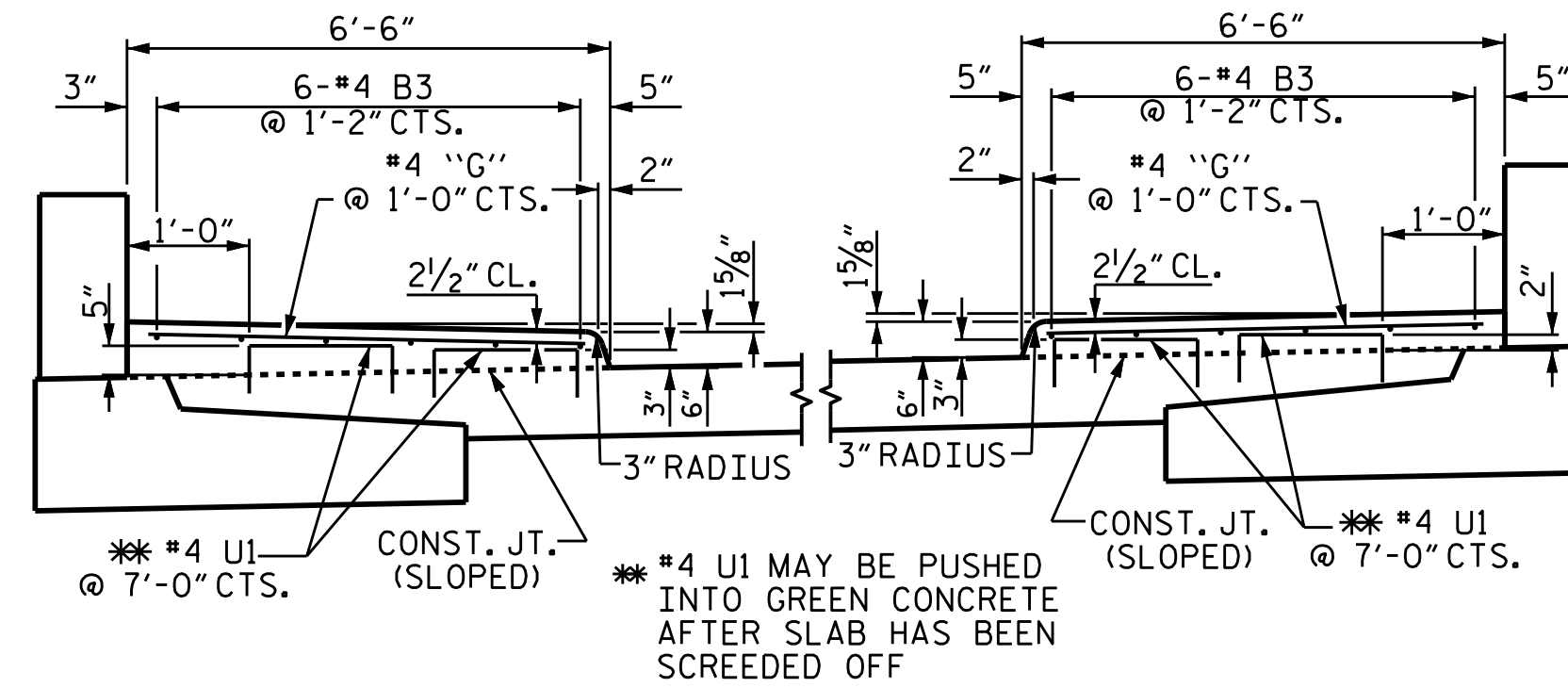


PLAN @ END BENT 1



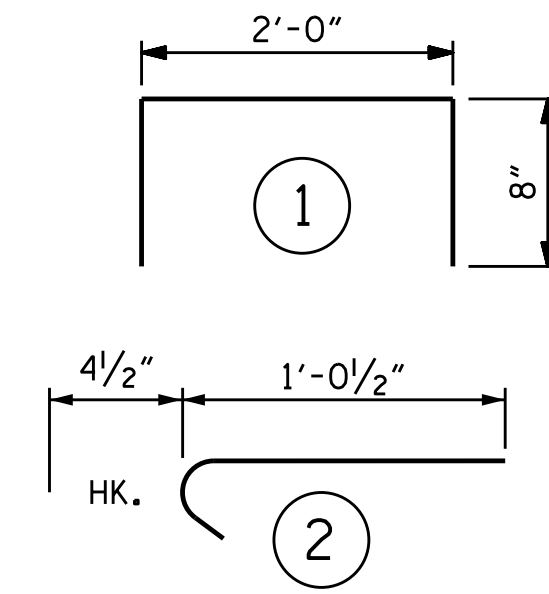
PLAN @ END BENT 2



SECTION THROUGH SIDEWALK

FOR PARAPET AND MOMENT SLAB, SEE "MOMENT SLAB" SHEETS. (TYP.)

BAR TYPES



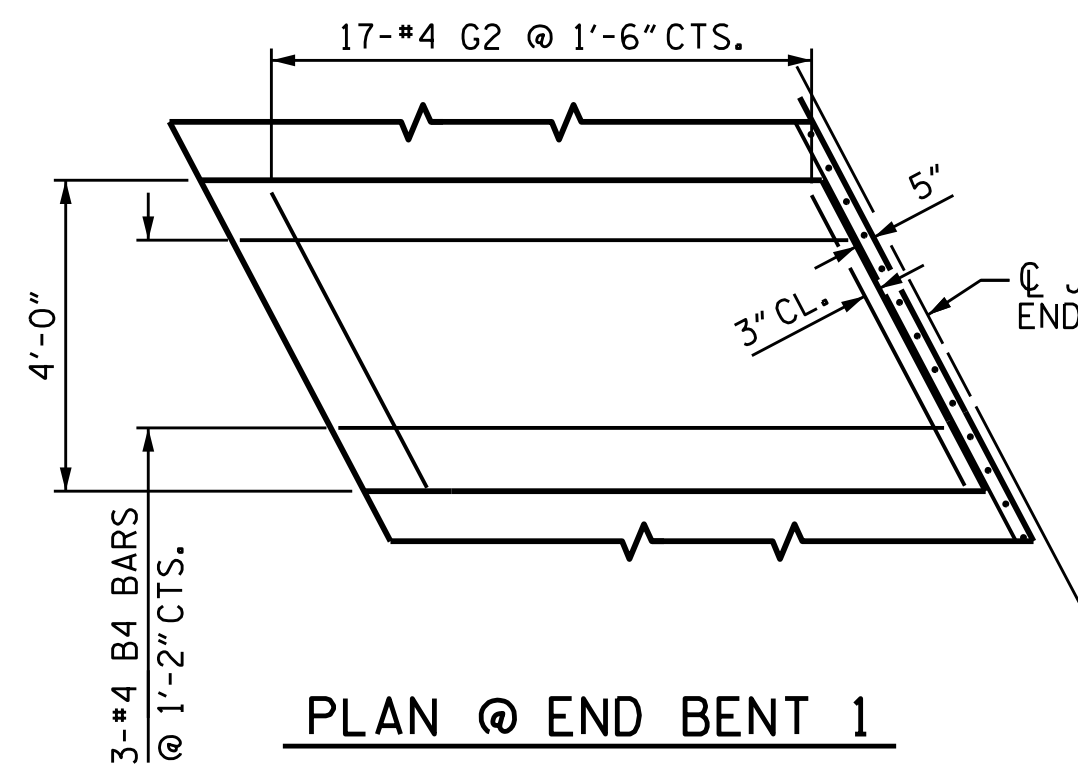
BAR DIMENSIONS ARE OUT TO OUT

THE QUANTITY OF #4 J1 BARS ON THE BILL OF MATERIAL IS BASED ON 1'-0" CENTERS. J1 BARS SHALL BE PLACED AT EACH VERTICAL STUD ANCHOR BOLT. IN THE EVENT THAT THE NUMBER OF VERTICAL STUD ANCHORS EXCEEDS THE NUMBER OF J1 BARS SPECIFIED, ADDITIONAL J1 BARS WILL NOT BE REQUIRED.

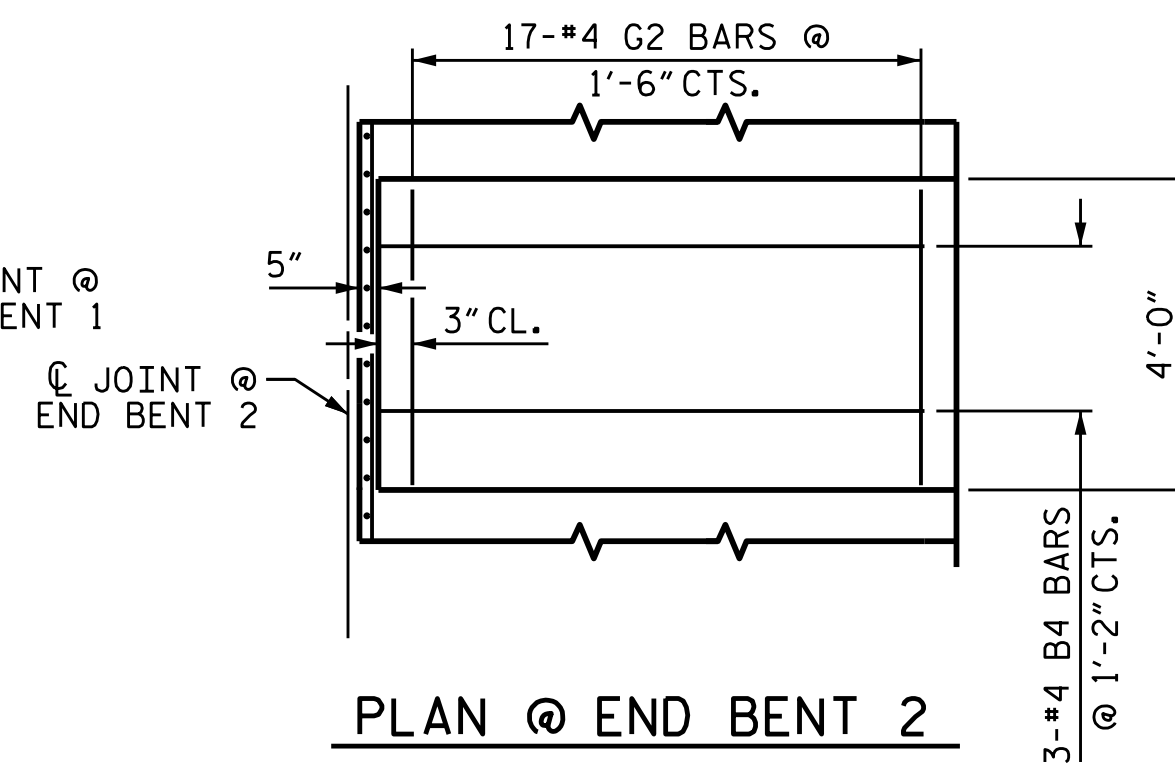
BILL OF MATERIAL

APPROACH SLAB AT EB #1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A1	50	#4	STR	28'-0"	935
A2	52	#4	STR	25'-0"	868
*B1	104	#5	STR	23'-8"	2567
B2	91	#6	STR	24'-8"	3371
*B3	12	#4	STR	24'-7"	197
*B4	3	#4	STR	24'-2"	48
*G1	50	#4	STR	6'-2"	206
*G2	17	#4	STR	2'-8"	30
*J1	41	#4	2	1'-5"	39
*U1	16	#4	1	3'-4"	36
REINFORCING STEEL				LBS.	4239
*EPOXY COATED REINFORCING STEEL				LBS.	4058
CLASS AA CONCRETE					
POUR 1 - APP. SLAB				C.Y.	54.0
POUR 2 - SIDEWALK & CONC. MEDIAN				C.Y.	8.1
TOTAL				C.Y.	62.1
APPROACH SLAB AT EB #2					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
*A3	50	#4	STR	26'-10"	896
A4	52	#4	STR	23'-11"	831
*B1	104	#5	STR	23'-8"	2567
B2	91	#6	STR	24'-8"	3371
*B3	12	#4	STR	24'-7"	197
*B4	3	#4	STR	24'-2"	48
*G2	17	#4	STR	2'-8"	30
*G3	50	#4	STR	6'-0"	200
*J1	40	#4	2	1'-5"	38
*U1	16	#4	1	3'-4"	36
REINFORCING STEEL				LBS.	4202
*EPOXY COATED REINFORCING STEEL				LBS.	4012
CLASS AA CONCRETE					
POUR 1 - APP. SLAB				C.Y.	58.6
POUR 2 - SIDEWALK & CONC. MEDIAN				C.Y.	8.1
TOTAL				C.Y.	66.7

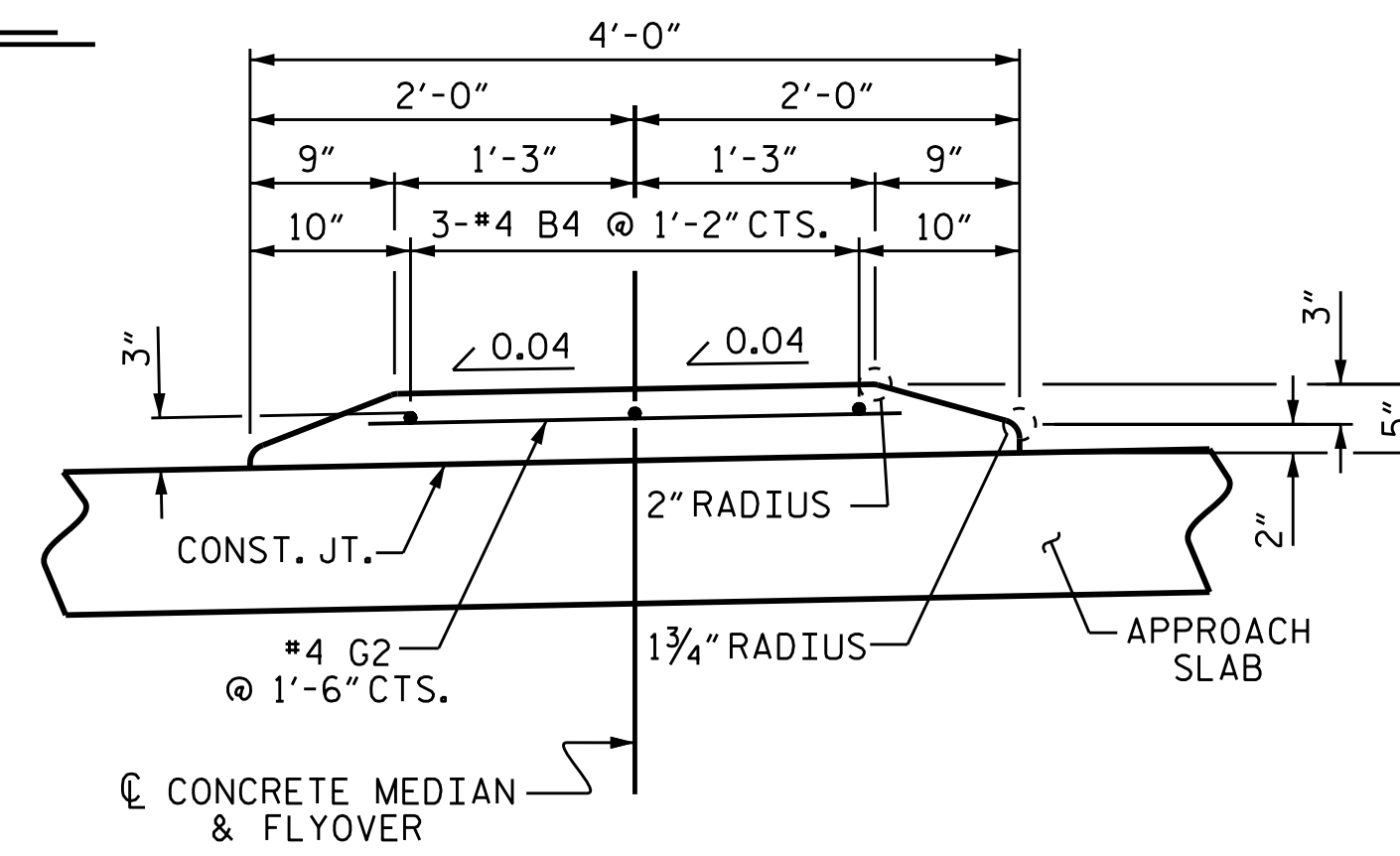
DETAILS OF SIDEWALK ON APPROACH SLAB



PLAN @ END BENT 1



PLAN @ END BENT 2

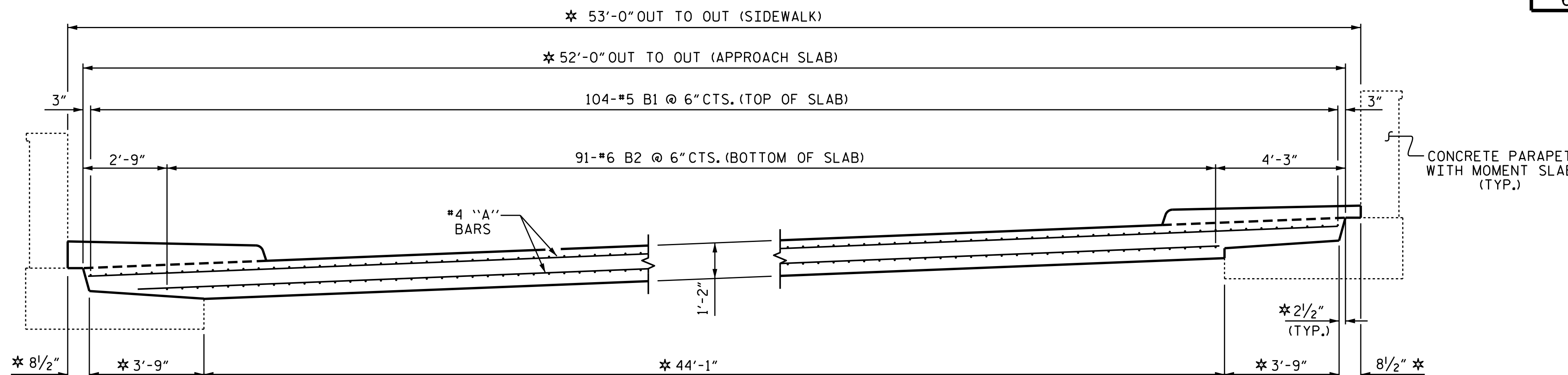


SECTION THROUGH MEDIAN

DETAILS OF CONCRETE MEDIAN

SPLICE LENGTHS

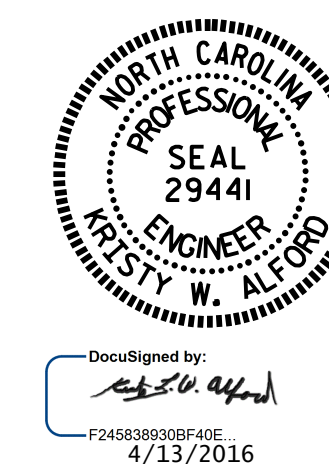
BAR SIZE	EPOXY COATED	UNCOATED
#4	2'-0"	1'-9"
#5	2'-6"	2'-2"
#6	3'-10"	2'-7"



SECTION THRU APPROACH SLAB

* RADIAL DIMENSIONS

PROJECT NO. B-5121/B-5317
 WAKE COUNTY
 STATION: 20+19.94 - FLYOVER -
 SHEET 2 OF 2



STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 RALEIGH
 BRIDGE APPROACH SLAB
 FOR FLEXIBLE PAVEMENT

DRAWN BY: M.M. AHMED DATE: JAN 2016
 CHECKED BY: T.L. AVETTE, P.E. DATE: FEB 2016
 DESIGN ENGINEER OF RECORD: K.W. ALFORD, P.E. DATE: FEB 2016

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S-101
1			3			TOTAL SHEETS 110
2			4			