COMPUTED BY:	JRM	DATE:_	12/04/19
CHECKED BY: _	EPA	DATE:_	12/05/19

STATE OF NORTH CAROLINA DIVISION OF HIGHWAYS

PROJECT REFERENCE NO.

BR-0//9

PREPARED IN THE OFFICE OF:

KISINGER CAMPO

KISINGER CAMPO

Raleigh, NC 27601

(919), R92-7839

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

COMPUTED BY: JRM	DATE:	12/20/2019
CHECKED BY: EPA	DATE:	2/1/2021

NORTH CAROLINA DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS

PROJECT NO. SHEET NO.

BR-0119 3D-1

Note: Invert Elevations indicated are for Bid Purposes only and shall not be used for project construction stakeout.

LIST OF PIPES, ENDWALLS, ETC. (FOR PIPES 48 INCHES & UNDER)

					_							1 11 1				2 , 2	10.	1 01			10 11	· · ·		X CIVI		<u> </u>	1				_	•				
STATION	OFFSET	STRUCTURE NO.	TOP ELEVATION INVERT ELEVATION	INVERT ELEVATION SLOPE CRITICAL		DRAINAGE PIPE (RCP, CSP, CAAP, HDPE, or PVC)			C.S. PIPE				R.C. PIPE CLASS III			R.C. PIPE CLASS IV			RACTOR DESIGN				FOR DRAINAGE STRUCTURES *TOTAL L.F. FOR PAY QUANTITY SHALL BE COL. 'A' + (1.3 X COL.'B')		GR/ AND STAN	AME, ATES, HOOD NDARD 10.03	ONCE) GRATES STD. 840.29). & SIZE	.Y. STD. 840.71	STD. 840.72		C.B. N.D.I. D.I. G.D.I. G.D.I.(N.S.)	CATCH BASIN NARROW DROP INLET DROP INLET GRATED DROP INLET (NARROW SLOT)
SIZE					12" 15" 18" 24" 30	0" 36" 42" 48"	SSP AAP	12" 1	15" 18" 2	24" 30" 36	6" 42" 4	48" 12" 15	5" 18" 24"	30" 36" 42	48" 12"	15" 18" 24	1" 30" 36 "	42" 48"	SS V) RTS, CONT			⁄ARDS	6 A	FT. B	STD. 840.			WITH TWO		ELBOW	BOWS NO	E PLUG, C.	"B" C.Y.	E.	J.B. M.H. T.B.D.I.	JUNCTION BOX MANHOLE TRAFFIC BEARING
THICKNESS OR GAUGE		FROM					DO NOT USE C DO NOT USE C	DO NOT USE H	.064	.064	109	.109							R.C. PIPE (CLAS) C PIPE CULVER C PIPE CULVER	SIDE DRAIN PIPE SIDE DRAIN PIPE	R.C.P.	C.S.P.	EACH (0' 1 HRU HRU 10.0'	AND ABOVE		PE OF RATE	P INLET	. (N.S.) FRAME V		RAINAGE PIPE	DRAIN PIPE EL	C. & BRICK PIPE	C. COLLARS CL	REMOVAL LIN.	T.B.J.B.	DROP INLET TRAFFIC BEARING JUNCTION BOX
																				15" S			7EK 	10.0'	9. E	F G	DROF CATC	3.D.I		15" 0	SIDE	CONC	CONC	PIPE		REMARKS
		401 402	33.7	27.3	28		Х																							2						
L 12+67	14 LT	401	36.5																				1					1 1								
		403 404		27.5	52		Х																							2						
L 14+00	14 LT		36.4																				1					1 1								
L 13+91	52 RT		29.7		56																														Station Ra	ange: -L- 13+57 / 14+03
L 13+91	58 LT		27.4		60																															ange: -L- 13+64 / 14+24
L 16+17	26 RT	407 -	30.5	30.3	40																														Station Ra	ange: -L- 16+00 / 16+37
SHEET TOTALS					80 156																		2					2 2	2	4						

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