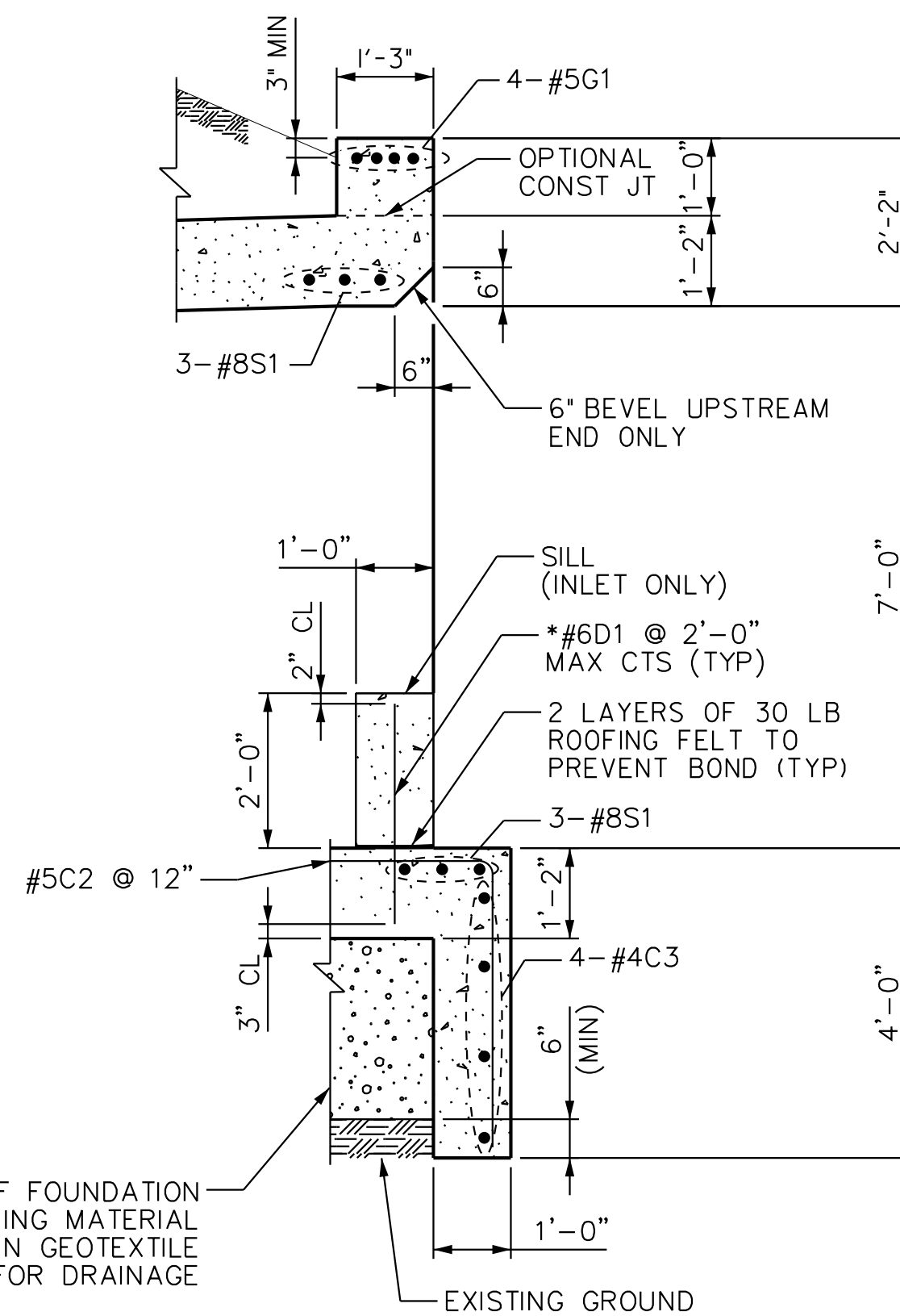


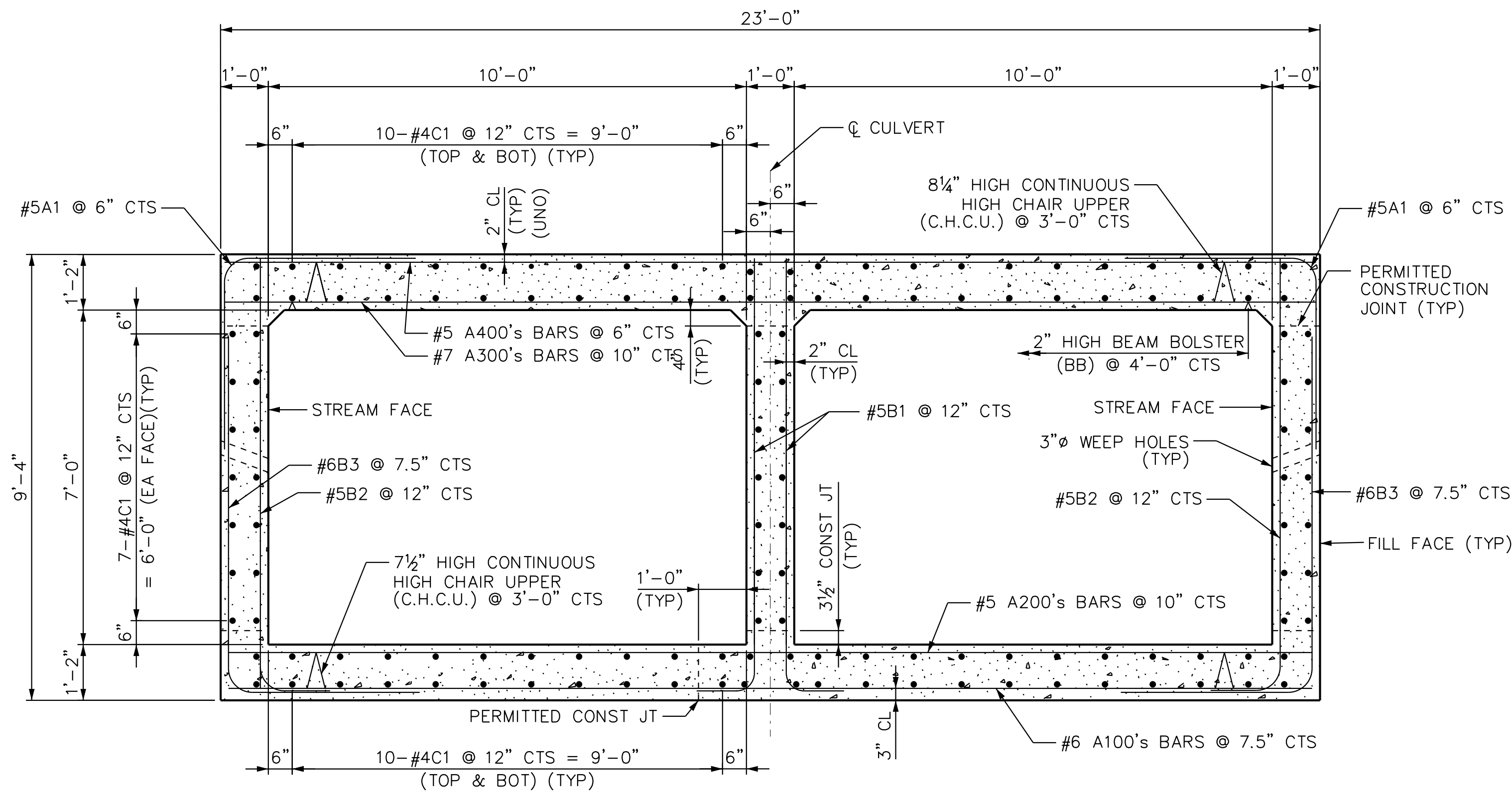
SILL ELEVATION
(INLET END ONLY)
SCALE: 3/8"=1'-0"

NOTE: WING WALLS NOT SHOWN FOR CLARITY.



SECTION A-A
(INLET SHOWN, OUTLET SIMILAR)

* DOWELS MAY BE PUSHED INTO GREEN CONCRETE AFTER SLAB HAS BEEN FLOAT FINISHED.

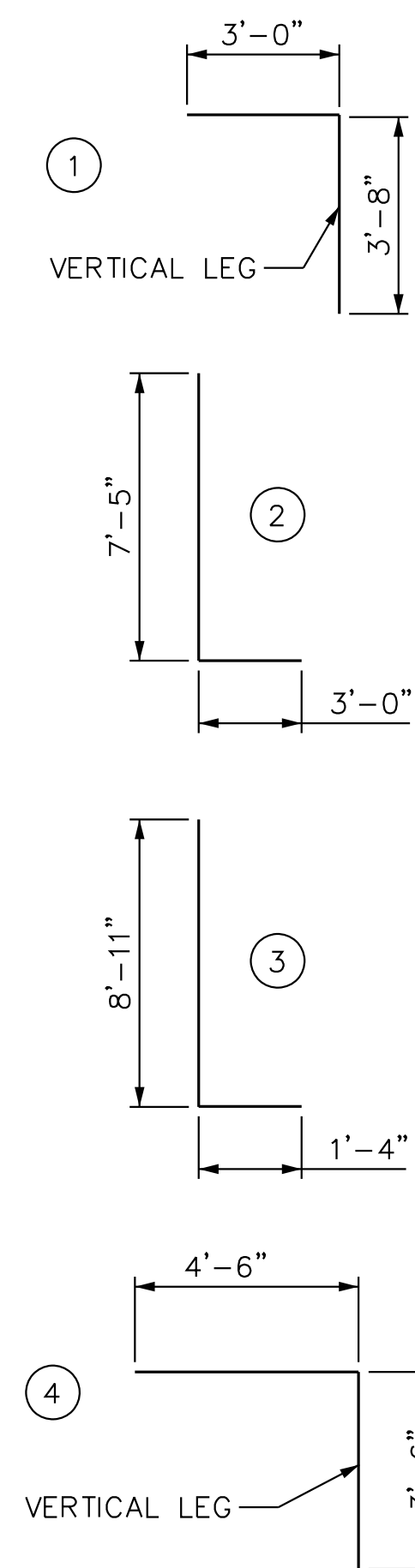


RIGHT ANGLE SECTION OF BARREL

THERE ARE 414 "C" BARS IN THE PHASE 2 SECTION OF BARREL
THERE ARE 276 "C" BARS IN THE PHASE 3 SECTION OF BARREL

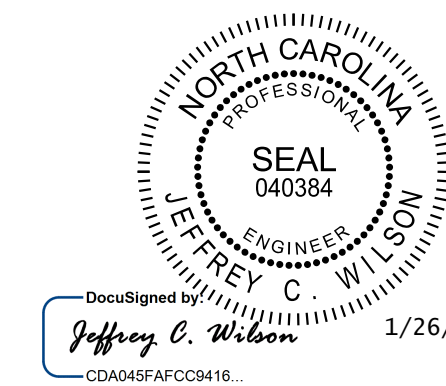
PHASE 2 CULVERT BILL OF MATERIAL						PHASE 3 CULVERT BILL OF MATERIAL					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
AI	276	5	I	6'-8"	1919	AI	167	5	I	6'-8"	1263
AI00	88	6	STR	22'-8"	2996	AI00	40	6	STR	22'-8"	1362
AI01	IEA	6	STR	21'-11"		AI01	IEA	6	STR	21'-11"	
THRU	OF					THRU	OF				
AI23	23	6	STR	3'-8"	442	AI23	23	6	STR	3'-8"	442
AI24	4	6	STR	3'-6"	21	AI24	4	6	STR	3'-6"	21
AI25	IEA	6	STR	21'-8"		AI46	IEA	6	STR	21'-2"	
THRU	OF					THRU	OF				
AI33	9	6	STR	15'-0"	248	AI57	12	6	STR	12'-2"	300
AI34	IEA	6	STR	13'-3"		AI58	IEA	6	STR	10'-4"	
THRU	OF					THRU	OF				
AI45	12	6	STR	4'-1"	156	AI66	9	6	STR	3'-9"	95
A200	66	5	STR	22'-8"	1560	A200	29	5	STR	22'-8"	686
A201	IEA	5	STR	22'-1"		A201	IEA	5	STR	22'-1"	
THRU	OF					THRU	OF				
A217	17	5	STR	4'-4"	234	A217	17	5	STR	4'-4"	234
A218	4	5	STR	3'-6"	15	A218	4	5	STR	3'-6"	15
A219	IEA	5	STR	20'-5"		A234	IEA	5	STR	20'-9"	
THRU	OF					THRU	OF				
A224	6	5	STR	14'-10"	110	A242	9	5	STR	12'-1"	154
A225	IEA	5	STR	12'-9"		A243	IEA	5	STR	9'-11"	
THRU	OF					THRU	OF				
A233	9	5	STR	3'-11"	78	A248	6	5	STR	4'-5"	45
A300	66	7	STR	22'-8"	3058	A300	29	7	STR	22'-8"	1344
A301	IEA	7	STR	21'-1"		A318	3	7	STR	3'-6"	21
THRU	OF					A334	IEA	7	STR	20'-9"	
A317	17	7	STR	4'-4"	442	THRU	OF				
A318	4	7	STR	3'-6"	29	A342	9	7	STR	12'-1"	302
A319	IEA	7	STR	22'-2"		A343	IEA	7	STR	9'-11"	
THRU	OF					THRU	OF				
A324	6	7	STR	16'-5"	237	A348	6	7	STR	4'-5"	88
A325	IEA	7	STR	14'-4"		A349	IEA	7	STR	21'-1"	
THRU	OF					THRU	OF				
A333	9	7	STR	5'-6"	182	A365	17	7	STR	3'-5"	426
A400	108	5	STR	22'-8"	2553	A400	49	5	STR	22'-8"	1158
A401	IEA	5	STR	22'-2"		A401	IEA	5	STR	22'-2"	
THRU	OF					THRU	OF				
A428	28	5	STR	4'-3"	386	A428	28	5	STR	4'-3"	386
A429	4	5	STR	3'-6"	15	A429	4	5	STR	3'-6"	15
A430	IEA	5	STR	21'-8"		A457	IEA	5	STR	21'-3"	
THRU	OF					THRU	OF				
A441	12	5	STR	14'-4"	225	A471	15	5	STR	11'-11"	259
A442	IEA	5	STR	12'-10"		A472	IEA	5	STR	10'-3"	
THRU	OF					THRU	OF				
A456	15	5	STR	3'-7"	128	A483	12	5	STR	3'-0"	83
BI	140	5	3	10'-3"	1497	BI	84	5	3	10'-3"	898
B2	140	5	3	10'-3"	1497	B2	85	5	3	10'-3"	909
B3	221	6	2	10'-5"	3458	B3	135	6	2	10'-5"	2112
CI	414	4	STR	24'-8"	6822	CI	276	4	STR	21'-1"	3887
C2	27	5	4	8'-0"	225	C2	27	5	4	8'-0"	225
C3	4	4	STR	25'-0"	67	C3	4	4	STR	25'-0"	67
GI	4	5	STR	28'-5"	119	DI	6	6	STR	2'-9"	
SI	6	8	STR	28'-5"	455	GI	4	5	STR	28'-5"	119
S2	12	8	STR	14'-6"	465	SI	6	8	STR	28'-5"	455
REINFORCING STEEL -LBS-						REINFORCING STEEL -LBS-					
29805						17395					

BAR TYPES



ALL BAR DIMENSIONS ARE OUT TO OUT

PROJECT NO. EB-4707B
DURHAM COUNTY
STATION: 105+70.00 -L-



Kimley»Horn

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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

DOUBLE 10' x 7'
CONCRETE BOX CULVERT
53° SKEW

BARREL SECTION

REVISIONS						SHEET NO.
NO.	BY	DATE	NO.	BY	DATE	C2
1			3			TOTAL SHEETS
2			4			24

DRAWN BY: JIK DATE: 1/17
CHECKED BY: DJW DATE: 1/17

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