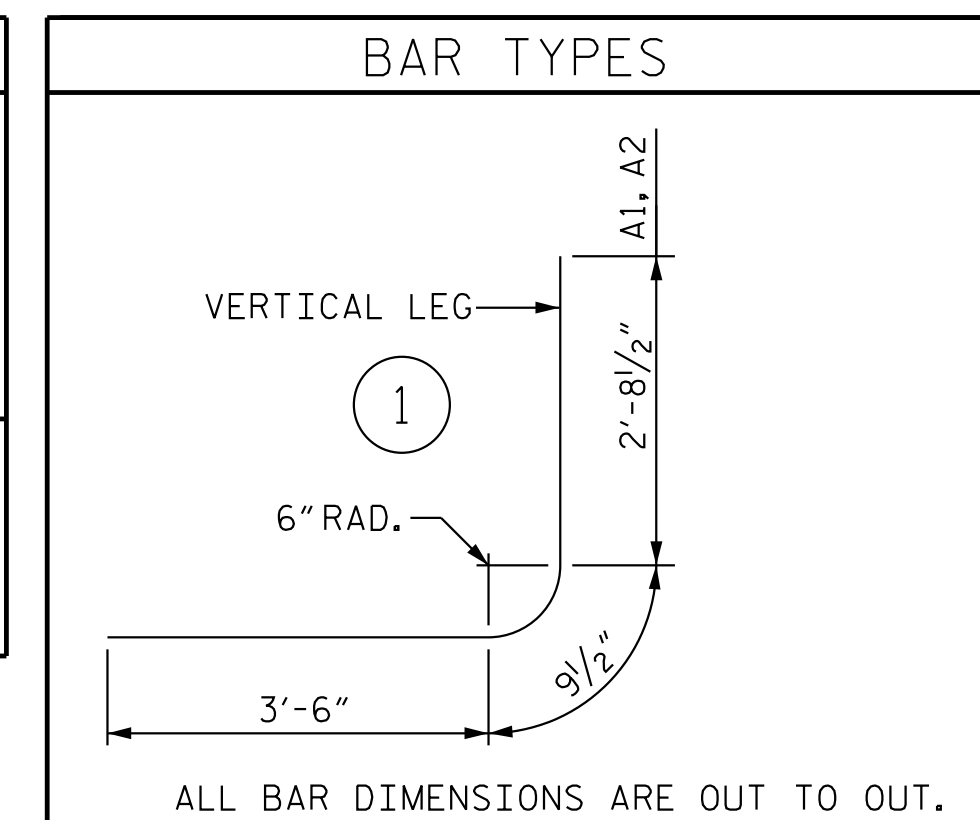


STAGE 1 RIGHT ANGLE SECTIONS OF BARREL

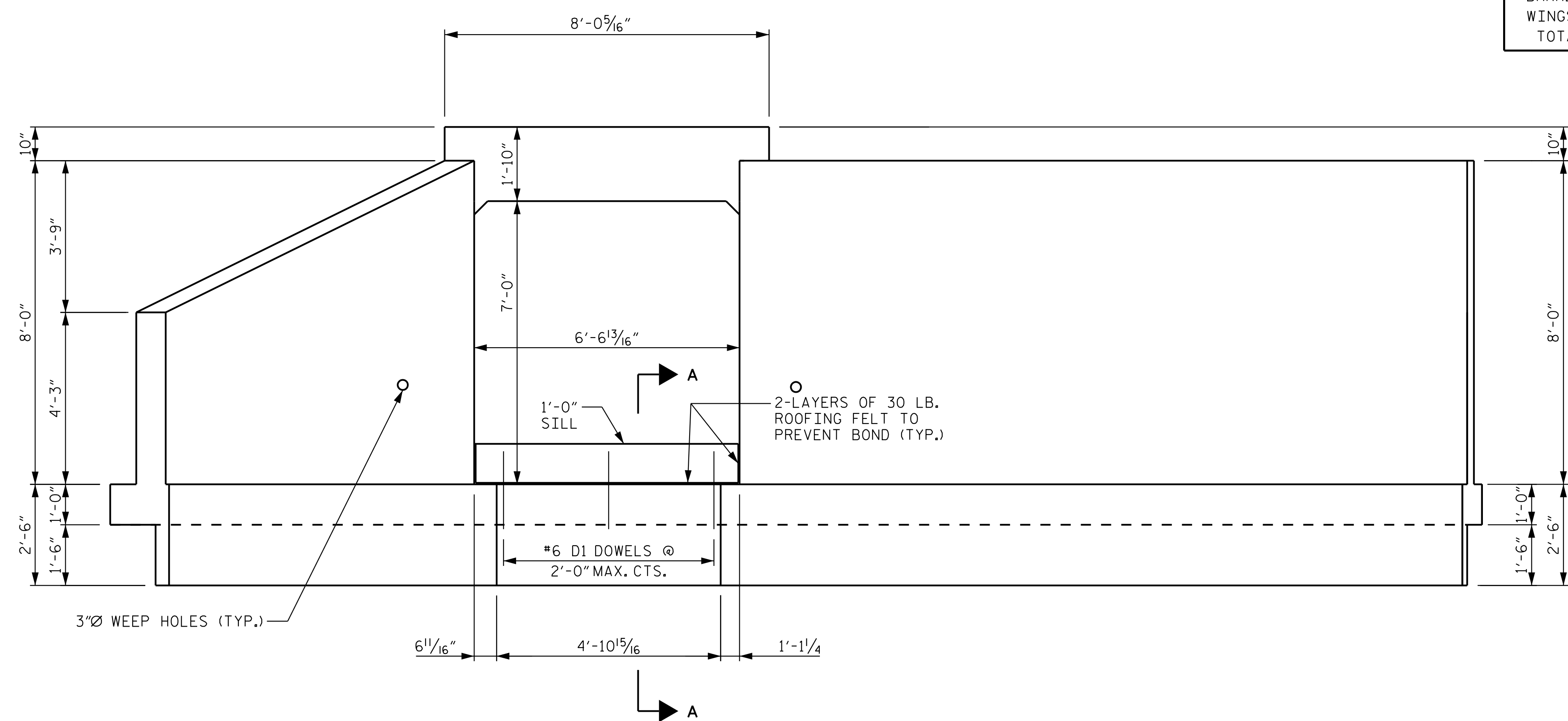
* ALL CONTINUOUS HIGH CHAIR UPPER (C.H.C.U.) @ 3'-0" CTS.
THERE ARE 32 C1 BARS (3 BAR RUN) IN SECTION OF BARREL

STAGE 1 QUANTITIES		
CLASS A CONCRETE		
BARREL 0.802 X CY/FT		56.2 CY
WINGS, ETC.		15.2 CY
SILL		0.2 CY
EDGE BEAMS		0.6 CY
TOTAL		72.2 CY
REINFORCING STEEL		
BARREL, SILLS, & EDGE BEAMS		7,214 LBS
WINGS, ETC.		1,047 LBS
TOTAL		8,261 LBS

BILL OF MATERIAL STAGE 1					
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	140	#5	1	7'-1"	1034
A2	140	#5	1	7'-1"	1034
A100	67	#5	STR	7'-0"	489
A101	2	#5	STR	5'-4"	11
A102	3	#5	STR	3'-1"	10
A200	67	#5	STR	7'-0"	489
A201	2	#5	STR	5'-4"	11
A202	3	#5	STR	3'-1"	10
B1	140	#4	STR	8'-3"	772
B2	278	#4	STR	6'-4"	1176
C1	96	#4	STR	25'-3"	1619
D1	3	#6	STR	1'-5"	6
E1	16	#5	STR	3'-11"	65
E2	16	#5	STR	6'-10"	114
G1	2	#4	STR	7'-7"	10
S1	18	#8	STR	7'-7"	364
STAGE 1 REINFORCING STEEL					7,214 LBS



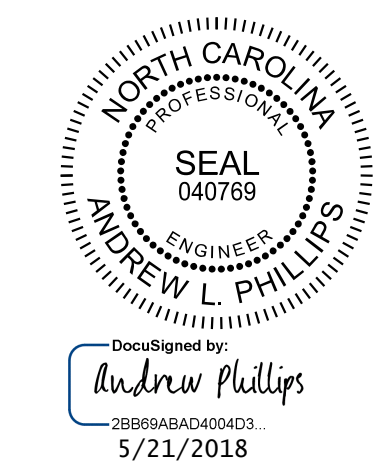
SPLICE LENGTHS		
BAR	SIZE	LENGTH
B1	#4	1'-11"
C1	#4	1'-11"



OUTLET END ELEVATION NORMAL TO SKEW

PROJECT NO. U-5725
HALIFAX COUNTY
STATION: 84+52.00 -L-

SHEET 6 OF 8



Kimley»Horn
421 Fayetteville Street, Suite 600
Raleigh, NC 27601-1772
Phone (919) 677-2000
NC LICENSE # F-0102

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH
**SINGLE 6 FT. X 7 FT.
CONCRETE BOX CULVERT
66° SKEW**

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-6
1			3			TOTAL SHEETS
2			4			8

**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

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DRAWN BY: <u>P.G. ROBBS</u>	DATE: <u>5/18</u>
CHECKED BY: <u>C.T. POOLE</u>	DATE: <u>5/18</u>
DESIGN ENGINEER OF RECORD: <u>A.L. PHILLIPS</u>	DATE: <u>5/18</u>