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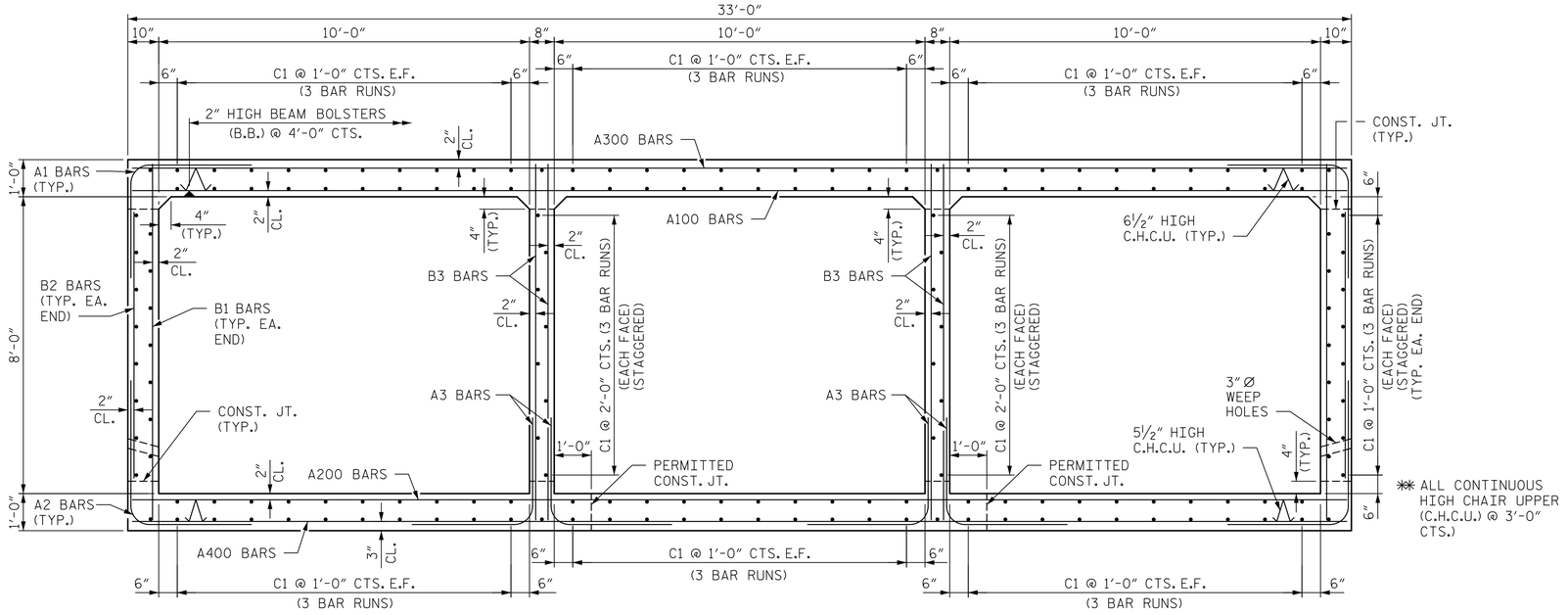
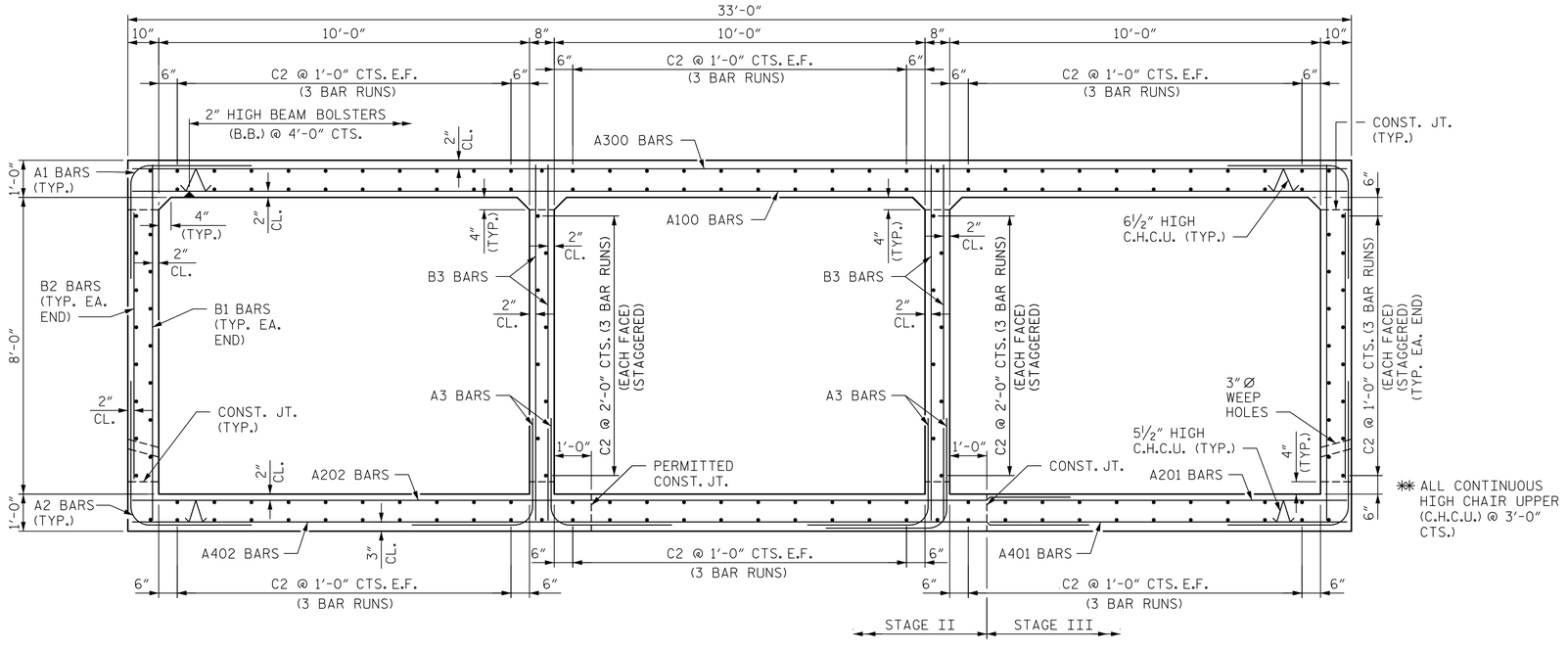


RIGHT ANGLE SECTION OF BARREL - STAGE I

(THERE ARE 174 "C" BARS IN SECTION OF BARREL)
(LOOKING DOWNSTREAM)



RIGHT ANGLE SECTION OF BARREL - STAGE II & III

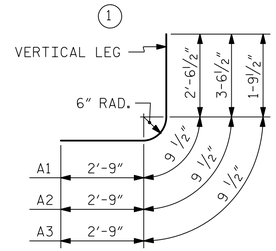
(THERE ARE 174 "C" BARS IN SECTION OF BARREL)
(LOOKING DOWNSTREAM)

REINFORCING STEEL SCHEDULE STAGE I

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	278	#4	①	6'-1"	1130
A2	278	#6	①	7'-1"	2958
A3	278	#4	①	5'-4"	990
A100	139	#5	STR	32'-8"	4736
A200	139	#5	STR	32'-8"	4736
A300	139	#6	STR	32'-8"	6820
A400	139	#6	STR	32'-8"	6820
B1	140	#4	STR	9'-9"	912
B2	278	#4	STR	7'-2"	1331
B3	278	#4	STR	9'-9"	1811
C1	522	#4	STR	24'-3"	8456
D1	4	#6	STR	2'-7"	16
G1	4	#5	STR	32'-8"	136
S1	12	#6	STR	32'-8"	604
S2	6	#6	STR	32'-8"	523
TOTAL REINFORCING STEEL					41979

SPLICE LENGTH CHART

BAR SIZE	SPLICE LENGTH
#4	1'-9"
#5	2'-2"
#6	2'-9"
#7	3'-9"
#8	4'-11"



BAR TYPE

BAR DIMENSIONS ARE OUT TO OUT

REINFORCING STEEL SCHEDULE STAGE II & III

BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT
A1	334	#4	①	6'-1"	1358
A2	334	#6	①	7'-1"	3554
A3	334	#4	①	5'-4"	1190
A100	167	#5	STR	32'-8"	5690
A201	167	#5	STR	9'-7"	1669
A202	167	#5	STR	25'-4"	4413
A300	167	#6	STR	32'-8"	8194
A401	167	#6	STR	9'-7"	2404
A402	167	#6	STR	25'-10"	6480
B1	168	#4	STR	9'-9"	1094
B2	334	#4	STR	7'-2"	1600
B3	334	#4	STR	9'-5"	2102
C2	522	#4	STR	29'-0"	10112
D1	4	#6	STR	2'-7"	16
G1	4	#5	STR	32'-8"	136
S1	6	#6	STR	32'-8"	294
S2	3	#8	STR	25'-4"	203
S3	6	#6	STR	25'-10"	233
S4	3	#8	STR	28'-0"	224
S5	6	#6	STR	9'-7"	86
S6	3	#8	STR	9'-7"	154
TOTAL REINFORCING STEEL					51206

NOTE: SEE SHEET C-01 FOR COMPLETE SUMMARY OF QUANTITIES

PROJECT NO. U-4910A

CABARRUS COUNTY

STATION: 124+11.00 -L-

AECOM
AECOM TECHNICAL SERVICES, INC.
701 CORPORATE CENTER DRIVE, SUITE 475
RALEIGH, NC 27607
(919) 854-6200 www.aecom.com
AECOM License No. F-0342

11/30/2016

NORTH CAROLINA PROFESSIONAL SEAL 030474 ENGINEER JOHN C. MORRISON

DocuSigned by: John C. Morrison
A2FDE142C82F4AB...

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SR 1445 (DERITA ROAD)
OVER UT TO ROCKY RIVER

TRIPLE 10 FT. X 8 FT.
CONCRETE BOX CULVERT
90° SKEW

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	C-05
	-	-				TOTAL SHEETS
						7

DRAWN BY : N. K. BROWN DATE : 07/16
CHECKED BY : N. K. BROWN DATE : 07/16
DESIGNED BY : J. C. MORRISON DATE : 07/16

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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