

Ū,	OLIO	01	10 MLL	. Drinc	, INCOUNTED
(3) 2-	CETC	ΛE	0_WLO	DADC	DECLUBED

<sup>2 2-</sup>SETS OF 8-WH2 BARS REQUIRED

	APRON AND HEADWALL BAR LIST  ONE APRON AND ONE HEADWALL SHOWN																							
	MARK SIZE FORM 5' SPAN			8' SPAN			10	10' SPAN 12			2' SPAN		14' SPAN			16' SPAN			18' SPAN					
MA	K SI	ZE	URM	QTY.	LENGTH	REMARKS	QTY.	LENGTH	REMARKS	QTY.	LENGTH	REMARKS	QTY.	LENGTH	REMARKS	QTY.	LENGTH	REMARKS	QTY.	LENGTH	REMARKS	QTY.	LENGTH	REMARKS
A	0 #4	4 B	NT	4	3'-8"		4	3'-8"		4	3'-8"		4	3'-8"		4	3'-8"		4	3'-8"		4	3'-8"	
AD	1 #4	4 S	TR	4	33'-0"		4	33'-0"		4	33'-0"		4	33'-0"		4	33'-0"		4	33'-0"		4	33'-0"	
AL	1 #4	4 S	TR	14	29'-8"		20	29'-8"		28	29'-8"		32	29'-8"		36	29'-8"		40	29'-8"		44	29'-8"	
) AL	2 #4	4 S	TR	60	14'-7" AVG.	2'-6" TO 26'-8"	60	14'-7" AVG.	2'-6" TO 26'-8"	60	14'-7" AVG.	2'-6" TO 26'-8"	60	14'-7" AVG.	2'-6" TO 26'-8"	60	14'-7" AVG.	2'-6" TO 26'-8"	60	14'-7" AVG.	2'-6" TO 26'-8"	60	14'-7" AVG.	2'-6" TO 26'-8"
АТ	1 #4	4 S	TR	4	37'-4"		4	40'-4"		4	42'-4"		4	44'-4"		4	46'-4"		4	48'-4"		4	50'-4"	
ΑТ	2 #4	4 S	TR	27	21'-91/2" AVG.	6'-9" TO 36'-10"	27	24'-91/2" AVG.	9'-9" TO 39'-10"	27	26'-91/2" AVG.	11'-9" TO 41'-10"	27	28'-91/2" AVG.	13'-9" TO 43'-10"	27	30'-91/2" AVG.	15'-9" TO 45'-10"	27	32'-91/2" AVG.	17'-9" TO 47'-10"	27	34'-91/2" AVG.	19'-9" TO 49'-10"
АТ	3 #5	5 S	TR	27	21'-9 <sup>1</sup> / <sub>2</sub> " AVG.	6'-9" TO 36'-10"	27	24'-91/2" AVG.	9'-9" TO 39'-10"	27	26'-91/2" AVG.	11'-9" TO 41'-10"	27	28'-91/2" AVG.	13'-9" TO 43'-10"	27	30'-91/2" AVG.	15'-9" TO 45'-10"	27	32'-91/2" AVG.	17'-9" TO 47'-10"	27	34'-91/2" AVG.	19'-9" TO 49'-10"
CI	-l #-	4 S	TR	4	6'-4"		4	9'-4"		4	11'-8"		4	13'-8"		4	15'-10"		4	18'-0"		4	20'-2"	
CL	.1 #	4 E	SNT	7	4'-4"		10	4'-4"		14	4'-4"		16	4'-4"		18	4'-4"		20	4'-4"		22	4'-4"	
CL	.2 #	4 P	SNT	7	4'-3"		1.0	4'-3"		14	4'-3"		16	4'-3"		18	4'-3"		20	4'-3"		22	4'-3"	

QUANTITIES													
ITEM	UNIT	5' SPAN	8' SPAN	10' SPAN	12' SPAN	14' SPAN	16' SPAN	18' SPAN					
CLASS AA CONCRETE	CY	31.50	34.40	36.40	38.30	40.30	42.10	44.10					
REINFORCING STEEL	LB	5070.00	5360.00	5660.00	5860.00	6050.00	6250.00	6440.00					

NOTE: QUANTITIES ABOVE ARE FOR ONE END SECTION, WHICH IS COMPRISED OF ONE HEADWALL, ONE APRON, AND TWO WINGWALLS. INCLUDED IN REINFORCING STEEL PAY ITEM QUANTITY IS THE WEIGHT OF ADDITIONAL RCB BARREL REINFORCING STEEL REQUIRED AS SHOWN.

APRON DETAIL

Heled J. Musel **DATE** 4/09/09 APPROVED BY BRIDGE ENGINEER

OKLAHOMA DEPT. OF TRANSPORTATION BRIDGE STANDARD (ENGLISH) RCB CULVERTS - END SECTION DETAILS SINGLE CELL - 7'-0" HEIGHT - 0°

SHEET NO. 1 OF 2

1999 SPECIFICATIONS RCB-E1-H7-0-1

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