

DESCRIPTION

REVISIONS

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لار 19- 11-11-11-11-11-11-11-11-11-11-11-11-11	생동안	LAP SPLICE LENGTH	ACI STANDARD HOOK\$	
BAR		CLASS [] "C"	180° HOOKS	90* HOOKS
NO.	D	SpL	G	G
#3	21/4"	15″	5″	6″
#4	3"	20**	<b>6</b> " 💾	8"
#5	3%"	26" 👝	1"	10"
#6	41/2"	34‴	8"	12"
#7	51/4"	46"	10"	14"
#8	6"	60''	11"	16"
#9	9"	75"	15"	19"
#10	10"	95"	17"	22"
#11	11"	117"	19"	24″
1.673			0 <sup>0</sup> 0	

CLASS "C" TENSION LAP SPLICES ARE BASED ON 1.7 x M (DEVELOPMENT LENGTH ), AASHTO 8.32 STANDARD HOOKS ARE BASED ON CRITERIA SET BY THE CONCRETE REINFORCING STEEL INSTITUTE.

**GENERAL NOTES** 

- 1. ALL CONSTRUCTION AND MATERIAL REQUIREMENTS SHALL BE IN ACCORDANCE WITH THE 1999 ENGLISH STANDARD SPECIFICATIONS.
- 2. ALL CONCRETE EDGES SHALL HAVE A 1 1/2" CHAMPER UNLESS OTHERWISE SHOWN OR NOTED. ALL CHAMPER STRIPS SHALL BE SIZED LUMBER.
- 3. ALL REINFORCING STEEL SHALL BE GRADE 60 AND HAVE A 2" MINIMUM CLEARENCE UNLESS OTHERWISE SHOWN ON THE PLANS.
- A REINFORCING STEEL IN BOTTOM SLAB SHALL BE SUPPORTED ON BAR CHAIRS. CHAIRS SHALL BE SUPPORTED ON TIMBER PLANKS OR CLASS C CONCRETE: STRIPS SPACED AT 4.0 FOOT CENTERS. THE TOP CHAIR SUPPORTS SHALL BE AT THE ELEVATION OF THE BOTTOM OF THE FOOTING.
- 5. REINFORCING STEEL IN THE TOP SLAB SHALL BE SUPPORTED ON SLAB SPACERS .
- 6. REINFORCING STEEL IN THE WALLS SHALL BE HELD IN PLACE BY METAL CHAIRS. MAXIMUM SPACING OF CHAIRS SHALL BE ON 6.0 FOOT CENTERS.
- 7. COST OF METAL CHAIRS, WOOD PLANKS OR CONCRETE STRIPS SHALL BE IN-CLUDED ON OTHER ITEMS OF WORK.
- 8. FOR DETAILS OF ONE CELL R.C.B. WINGS AND HEADWALLS, SEE ENGLISH ROADWAY STANDARD RCB1H-1 OR STANDARD RCB2H-1.
- 9. THE QUANTITY FOR REINFORCING STEEL DOES NOT INCLUDE LAP SPLICES OF CI BARS IN THE LENGTH OF THE BARREL. THE NUMBER OF SPLICES USED IS TO BE DETERMINED BY THE CONTRACTOR. COST OF ADDITIONAL REINFORCING STEEL FOR SPLICES TO BE INCLUDED IN THE BID PRICE FOR REINFORCING STEEL

		BASIS OF PAYMENT		
	ITEM NO.	П	UNIT	
n er	509.06 (8)	CLASS AA CONCRETE	C.Y.	
14	511.06 (A)	REINFORCING STEEL	Las.	
14 I				
		<u>-</u>		125

**RCB3-1-01E** JOB PIECE NO. 27847(04) SHEET NO. R043

**DETAIL SHEET**