







ENGR. ALBERTO C. CANETE
TEAM LEADER



BAR BENDING DIAGRAM		REINFORCING STEEL BARS				ALL DIMENSIONS ARE OUT TO OUT OF REBARS						TYPE	LOCATION	BAR LENGTH (m)	TOTAL LENGTH (m)	UNIT WEIGHT (kg/m)	TOTAL WEIGHT (kg)	CONCRETE VOLUME (cu.m)	REMARKS
		MARK	SIZE (mm)	SPACING (mm)	QUANTITY	a	b	c	d	e	f								
(A)		C1	36	AS SHOWN	16	7.3	0.5					A	COLUMN	8.3	132.80	7.996	1062	9	QUANTITY FOR ONE (1) COLUMN ONLY
(B)		C2	20	40	70	4.4	0.2					F		4.6	322.00	2.468	795		
		C3	20	40	63	4.4	0.2					F		4.6	287.50	2.468	710		
(C)		CP1	36	AS SHOWN	20	29	0.5					A	COPING	30	600.00	7.996	4798	190	
		CP2	36	AS SHOWN	28	29	0.5					A		30	840.00	7.996	6717		
(D)		CP3	25	AS SHOWN	8	29	0.2					A		29.4	235.20	3.856	907		
		CP4	36	AS SHOWN	8	29	0.5					A		30	240.00	7.996	1920		
		CP5	25	300	12	29	0.2					A		29.4	352.80	3.856	1361		
(E)		CP6	16	300	97	1.9	2.3	1.9	2.3	0.15	0.15	B		8.7	843.90	1.580	1333		
		CP6"	16	300	97	3.9	0.7	3.9	0.7	0.15	0.15	B		9.5	921.50	1.580	1456		
(F)	 a = Pitch/2	CP6"	16	300	194	0.2	1.9	0.2				C		2.3	446.20	1.580	705		
GRAND TOTAL													Grade 60 bar		29465 Kgs	226 cu.m			