



NOTE:  
PURSUANT TO SECTION 4 OF ANNEX "A" OF THE REVISED IMPLEMENTING RULES AND REGULATIONS OF RA 9184,  
APPROVED BY THE AUTHORIZED DPWH OFFICIALS OF DETAILED ENGINEERING SURVEYS AND DESIGNS UNDERTAKEN BY  
THE CONSULTANTS NEITHER DIMINISHES THE RESPONSIBILITY OF THE LATTER FOR THE TECHNICAL INTEGRITY OF THE  
SURVEYS AND DESIGNS NOR TRANSFER ANY PART OF THAT RESPONSIBILITY TO THE APPROVING OFFICIALS.  
THE DESIGN CONSULTANT SHALL BE HELD FULLY RESPONSIBLE FOR THE FAILURE OF THE FACILITIES/STRUCTURES DUE  
TO FAULTY DESIGN EXCEPT FOR THE CHANGES MADE WITHOUT THE CONFORMITY OF THE CONSULTANT.

ENGR. ALBERTO C. CAÑETE  
TEAM LEADER

SCHEDULE OF REINFORCEMENTS FOR PIER 6 COLUMN AND COPING

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	231	6.9	0.5					A	COLUMN	7.9	1824.90	7.99632	14593	40	QUANTITY FOR ONE (1) COLUMN ONLY	
B	C2	20	90	36	10.1	0.2					F		10.3	366.22	2.468	904			
	C3	20	90	19	10.1	0.2					F		10.3	194.56	2.468	481			
	CP1	36	AS SHOWN	34	29	0.5					A	COPING	30	1020.00	7.99632	8157	221		
C	CP2	36	AS SHOWN	28	29	0.5					A		30	840.00	7.99632	6717			
	CP3	25	AS SHOWN	14	29	0.2					A		29.4	411.60	3.85625	1588			
D	CP4	36	AS SHOWN	8	29	0.5					A		30	240.00	7.99632	1920			
	CP5	25	300	16	29	0.2					A		29.4	470.40	3.85625	1814			
E	CP6	16	300	97	2.9	2.5	2.9	2.5	0.15	0.15	B		11.1	1076.70	1.57952	1701			
	CP6'	16	300	97	0.7	4.4	0.7	4.4	0.15	0.15	B		10.5	1018.50	1.57952	1609			
F	CP6"	16	300	194	0.2	2.5	0.2				C		2.9	562.60	1.57952	889			
GRAND TOTAL														Grade 60 bar		72330 Kgs	341 cu.m		