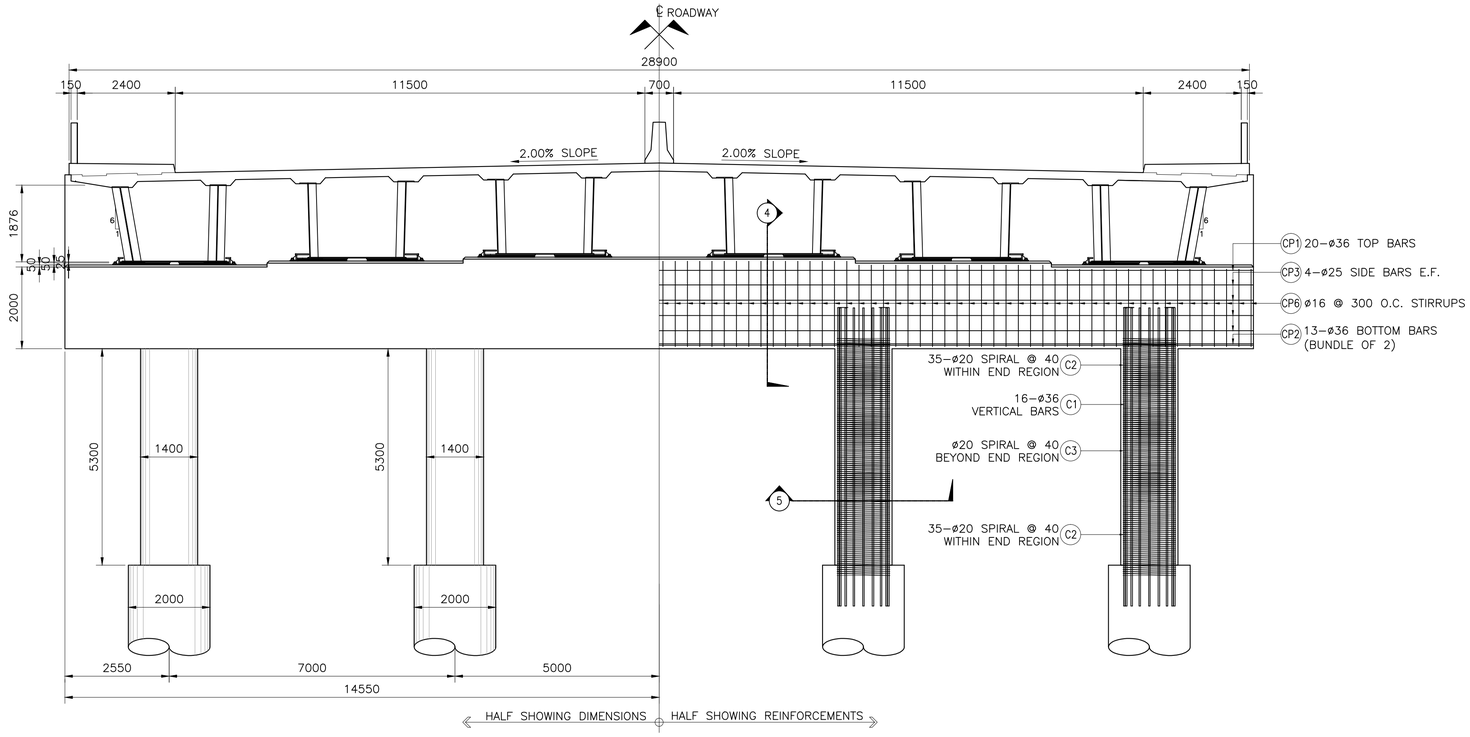
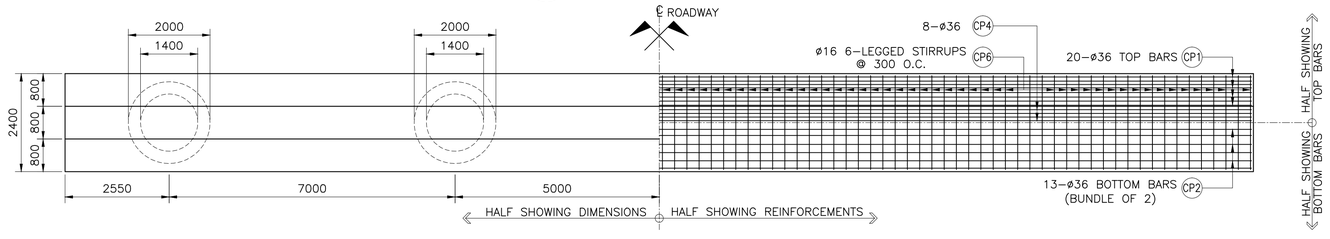
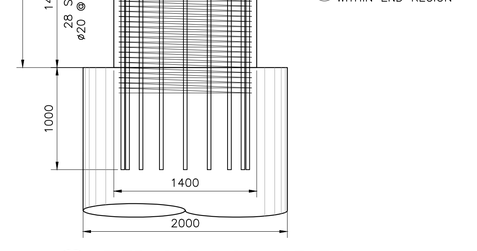


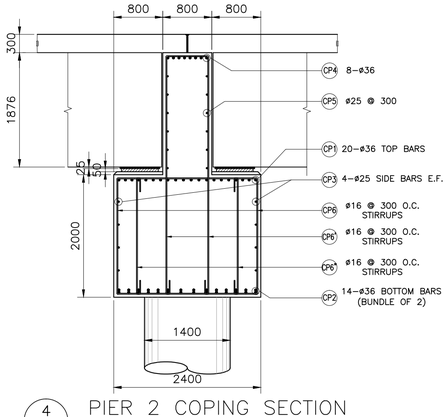
1 PIER 2 SECTION
SCALE 1:75



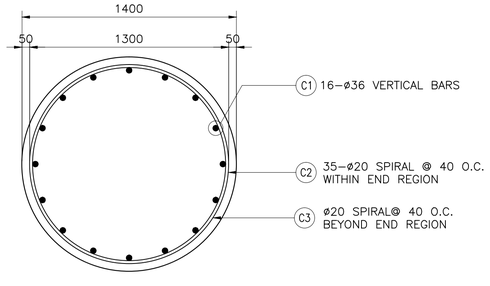
2 PIER 2 PLAN
SCALE 1:75



3 PIER 2 TYPICAL SECTION
SCALE 1:30



4 PIER 2 COPING SECTION
SCALE 1:50



5 PIER 2 COLUMN SECTION
SCALE 1:20

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 2 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	16	6.5	0.5					A	COLUMN	6.3	120.00	7.996	960	7	QUANTITY FOR ONE (1) COLUMN ONLY
B	C2	20	50	56	4.4	0.2					F		4.6	257.60	2.468	636		
	C3	20	50	34	4.4	0.2					F		4.6	156.40	2.468	386		
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	CP6"	16	300	194	0.2	1.9	0.2				C		2.3	446.20	1.580	705		
a = Pi(Ds-3)pcs												GRAND TOTAL		Grade 60 bar		27125 Kgs	218 cu.m	

CONSULTANTS
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UIC1 CORPORATE BLDG., 8 LANDS STREET, VASRA, DILIMAN, QUEZON CITY, 1128

SUBMITTED BY
EFREN L. DAVID
PRESIDENT - UIC1
DATE: -

DESIGNED BY
ALBERTO C. CAÑETE, P.P., F.ASEP
PROJECT MANAGER - UIC1
DATE: -

BCDA Clark Development Corporation / Bases Conversion and Development Authority

CHECKED BY
RYAN PAUL S. GALURA
PROJECT MANAGER
DATE: -

APPROVED BY
JOVITO M. SUNGA
OIC - PMD
DATE: -

REVISIONS	DATE
A	
B	
C	
D	
E	
F	

PROJECT TITLE
DETAILED ENGINEERING DESIGN OF THE PROPOSED AIRPORT-NCC ACCESS ROAD, MACARTHUR-NCC ACCESS ROAD, MACARTHUR-SCTEX ACCESS ROAD & OLYMPIC VILLAGE ACCESS ROAD
SHEET CONTENT AIRPORT TO NCC (STA.0+000 - STA.1+500) - SACOBIA
PIER 2 SECTION AND PLAN
COPING AND COLUMN SECTION
SCHEDULE OF REINFORCEMENTS AND SUMMARY OF QUANTITIES

SCALE	DRAWING STATUS	
AS SHOWN	DRAFT DRAWING	
PROJECT CODE	DRAWING NO.	SIZE
	P2SB-39	A1
DATE APPROVED	DATE REVISED	REV.
-	-	-