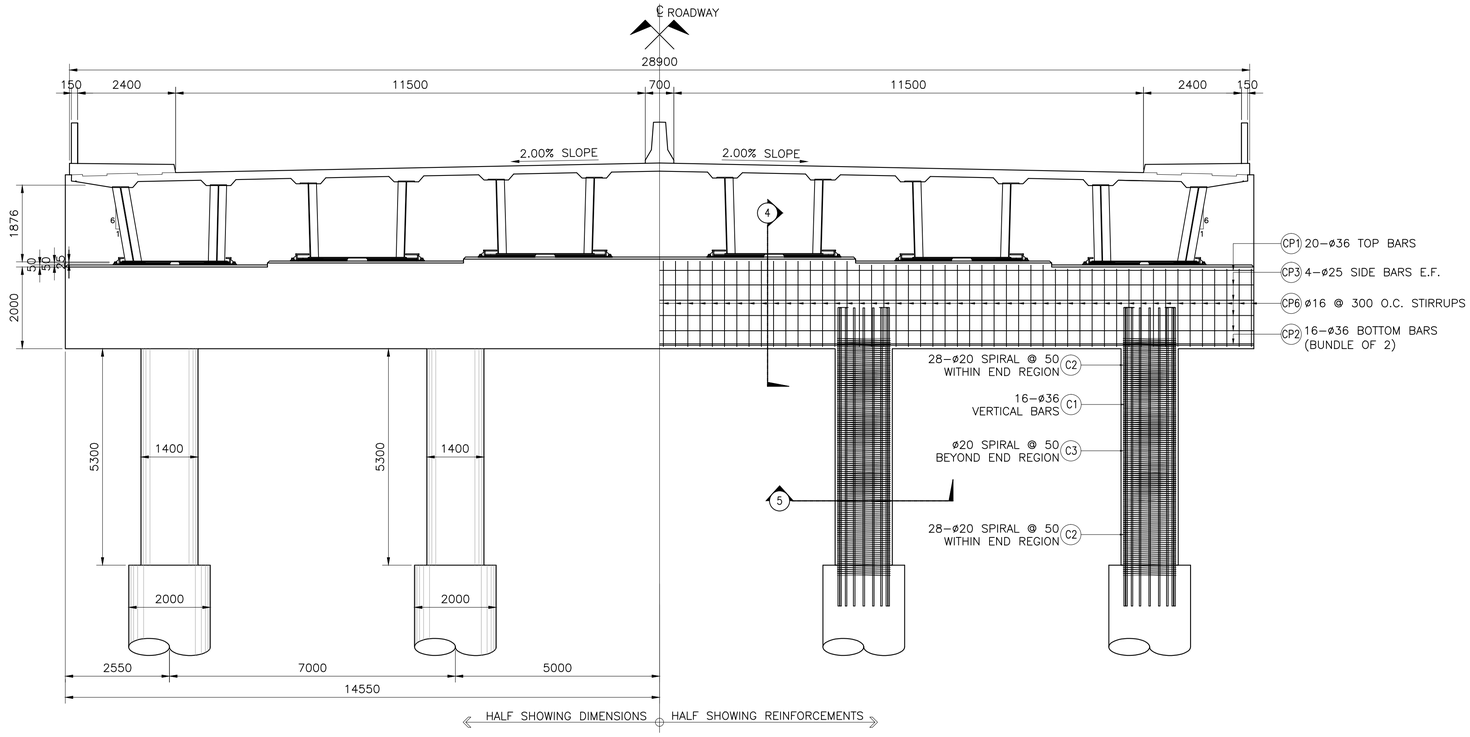
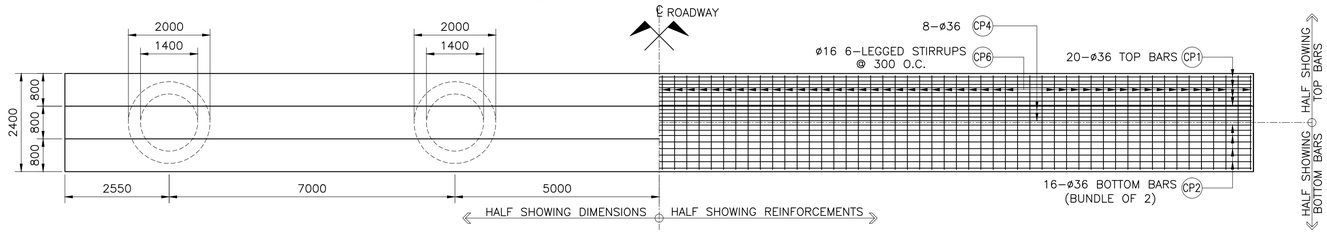
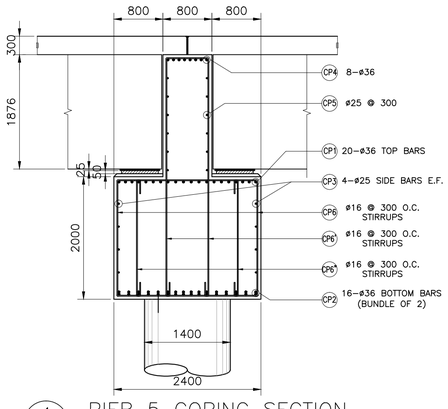


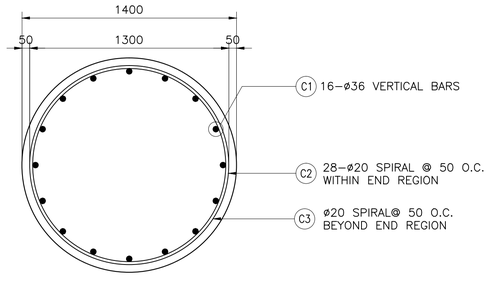
1 PIER 5 SECTION
SCALE 1:75



2 PIER 5 PLAN
SCALE 1:75



4 PIER 5 COPING SECTION
SCALE 1:50

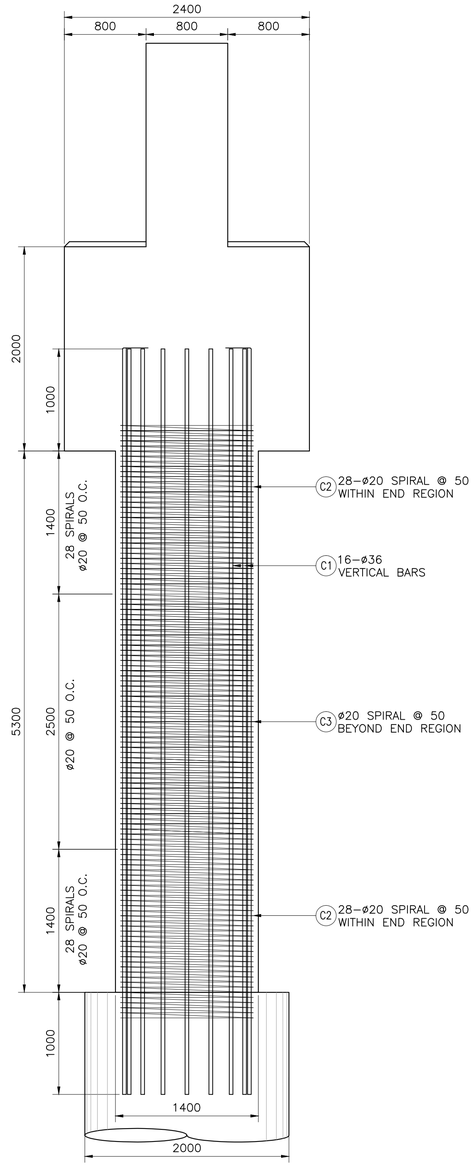


5 PIER 5 COLUMN SECTION
SCALE 1:20

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



3 PIER 5 TYPICAL SECTION
SCALE 1:30

SCHEDULE OF REINFORCEMENTS FOR PIER 5 COLUMN AND COPING

BAR BENDING DIAGRAM	MARK	SIZE (mm)	SPACING (mm)	QUANTITY	a	b	c	d	e	f	TYPE	LOCATION	BAR LENGTH (m)	TOTAL LENGTH (m)	UNIT WEIGHT (kg/m)	TOTAL WEIGHT (kg)	CONCRETE VOLUME (cu.m)	REMARKS
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	50	56	4.4	0.2					F		4.6	257.60	2.468	636		
	C3	20	50	50	4.4	0.2					F		4.6	230.00	2.468	568		
C	CP1	36	AS SHOWN	20	29	0.5					A	COPING	30	600.00	7.996	4798	190	
	CP2	36	AS SHOWN	32	29	0.5					A		30	960.00	7.996	7677		
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		
E	CP5	25	300	12	29	0.2					A		29.4	352.80	3.856	1361		
	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/spcs)	CP6"	16	300	194	0.2	1.9	0.2				C		2.3	446.20	1.580	705		
												GRAND TOTAL		Grade 60 bar		29221 Kgs	226 cu.m	

CONSULTANTS	SUBMITTED BY	DESIGNED BY	CHECKED BY	APPROVED BY
Urban Integrated Consultants, Inc. UIC1 CORPORATE BLDG., 8 LANZS STREET, VASRA, DILIMAN, QUEZON CITY, 1128	EFREN L. DAVID PRESIDENT - UICI DATE: -	ALBERTO C. CAÑETE, P.P., F.ASEP PROJECT MANAGER - UICI DATE: -	RYAN PAUL S. GALURA PROJECT MANAGER DATE: -	JOVITO M. SUNGA OIC - PMD DATE: -

BCDA Bases Conversion and Development Authority

REVISIONS	DATE
A	
B	
C	
D	
E	
F	

PROJECT TITLE	SCALE	DRAWING STATUS
DETAILED ENGINEERING DESIGN OF THE PROPOSED AIRPORT-NCC ACCESS ROAD, MACARTHUR-NCC ACCESS ROAD, MACARTHUR-SCTEX ACCESS ROAD & OLYMPIC VILLAGE ACCESS ROAD	AS SHOWN	DRAFT DRAWING
SHEET CONTENT AIRPORT TO NCC (STA.0+000 - STA.1+500) - SACOBIA	PROJECT CODE	DRAWING NO. / SIZE
		P2SB-45 / A1
PIER 5 SECTION AND PLAN COPING AND COLUMN SECTION SCHEDULE OF REINFORCEMENTS AND SUMMARY OF QUANTITIES	DATE APPROVED	DATE REVISED / REV.
	-	- / -