



STUDIO26 CONSTRUCTION INC.

Suite B 3rd Flr. Sentro Kapitolyo Bldg. No. 59 West Capitol Drive Cor.

Stella Maris St. Brgy. Kapitolyo, Pasig City 1603

Tel. No. 632 8358 0333 / 632 8577 8546 Mobile No. 63 9176553889

studio26construction@gmail.com

28 JUNE 2021

Ref. No.: QS-PAFPARKING-2021-001

BASES CONVERSION AND DEVELOPMENT AUTHORITY

BCDA Corporate Center

2/F Bonifacio Technology Center

31st St. cor. 2nd Ave. Bonifacio Global City,

Taguig City 1634 Philippines

Attention: **MARK P. TORRES**
OIC, Engineering and Social Support Department

Thru: **VERGEL Q. PARAS**
Project Manager

Project: **REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL
CIRCUIT BREAKER, HIGH TENSION WIRE AND ELECTRICAL SYSTEM**

Subject: **VARIATION ORDER – VERTICAL CLEARANCE HEIGHT**

Dear Sir,

Greetings!

We are pleased to submit our proposed design plan for the additional works on Vertical Clearance, as per terms and conditions agreed between **Bases Conversion and Development Authority** and **Studio26 Construction Inc.**

Should you have any queries or clarifications relative to the above or the attached, please do not hesitate to contact us. Thank you.

Very truly yours,

A handwritten signature in black ink, which appears to be 'G. Evangelista', is written over a solid black rectangular redaction box.

ARCH. GEEFY P. EVANGELISTA, UAP

Managing Partner / Authorized Representative

Name of Project : **REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL CIRCUIT BREAKER, HIGH TENSION WIRE AND ELECTRICAL SYSTEM**
 Location : **COL. JESUS VILLAMOR AIR BASE**

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./Description : Connector Bolts (10mm dia. X 55mmL w/ Nuts & Washers) Quantity : 1.00
 Unit of Measurement : sets
 Output per hour : 10.00 sets/hr.

Item	Designation	No. of Person	No. of Hours	Hourly Rate	Amount
A.	Labor				
	Structural Fitter	1.00	1.00	100.00	100.00
	Common Laborer	3.00	1.00	57.58	172.74
	Sub - Total for A				272.74
	Name and Capacity	No of Units	No. of Hours	Hourly Rate	Amount
B.	Equipment				
	Mobile Crane	1.00	1.00	1,500.00	1,500.00
	Minor Tools (10% of labor)				27.27
	Hauling/Lifting Equipment				
	Sub - Total for B				1,527.27
C.	Total (A1+B1)				1,800.01
D.	Output per hour : 10.00 sets/hr.				
E.	Direct Unit Cost (A1+B1)÷D				180.00
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Connector Bolts (10mm dia. X 55mmL w/ Nuts & Washers)	sets	1.00	400.00	400.00
	Sub - Total for F				400.00
G.	Direct Unit Cost (E + F)				580.00
H.	Overhead, Contingencies & Miscellaneous (OCM)			8% of G	46.40
I.	Contractor's Profit (CP)			8% of G	46.40
J.	Value Added Tax (VAT)			12% of (G + H + I)	80.74
K.	Total Unit Cost			(G + H + I + J)	753.54

Prepared by:


 ARCH. GEEFY P. EVANGELISTA, UAP
 Authorized Representative

Studio26 Construction Inc. and WRC Construction and General Merchandise JV

Name of Project : **REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL CIRCUIT BREAKER, HIGH TENSION WIRE AND ELECTRICAL SYSTEM**
 Location : **COL. JESUS VILLAMOR AIR BASE**

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./Description : Structural Concrete, Concrete Slab, 28 MPa @ 14 Days PCD Quantity : 1.00
 Unit of Measurement : cu.m.
 Output per hour : 2.00 cu.m./hr.

Item	Designation	No. of Person	No. of Hours	Hourly Rate	Amount
A.	Labor				
	Foreman	1.00	1.00	145.44	145.44
	Skilled Laborer	5.00	1.00	70.91	354.56
	Sub - Total for A				500.00
	Name and Capacity	No of Units	No. of Hours	Hourly Rate	Amount
B.	Equipment				
	PumpCrete	1.00	1.00	730.00	730.00
	Minor Tools (10% of labor)				50.00
	Hauling/Disposal/Lifting Equipment				
	Sub - Total for B				780.00
C.	Total (A1+B1)				1,280.00
D.	Output per hour : 2.00 cu.m./hr.				
E.	Direct Unit Cost (A1+B1)÷D				640.00
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Structural Concrete, Concrete Slab, 28 MPa @ 14 Days PCD	cu.m.	1.00	5,200.00	5,200.00
	Sub - Total for F				5,200.00
G.	Direct Unit Cost (E + F)				5,840.00
H.	Overhead, Contingencies & Miscellaneous (OCM)			8% of G	467.20
I.	Contractor's Profit (CP)			8% of G	467.20
J.	Value Added Tax (VAT)			12% of (G + H + I)	812.93
K.	Total Unit Cost			(G + H + I + J)	7,587.33

Prepared by:


ARCH. GEEFY P. EVANGELISTA, UAP
 Authorized Representative

Studio26 Construction Inc. and WRC Construction and General Merchandise JV

Name of Project : **REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL CIRCUIT BREAKER, HIGH TENSION WIRE AND ELECTRICAL SYSTEM**
 Location : **COL. JESUS VILLAMOR AIR BASE**

DETAILED UNIT PRICE ANALYSIS (DUPA)

Item No./Description : Steel Deck Panel Quantity : 1.00
 Unit of Measurement : sq.m.
 Output per hour : 5.89 sq.m./hr.

Item	Designation	No. of Person	No. of Hours	Hourly Rate	Amount
A.	Labor				
	Structural Fitter	2.00	1.00	100.00	200.00
	Common Laborer	4.00	1.00	57.58	230.32
	Sub - Total for A				430.32
	Name and Capacity	No of Units	No. of Hours	Hourly Rate	Amount
B.	Equipment				
	Mobile Crane	1.00	1.00	1,500.00	1,500.00
	Minor Tools (10% of labor)				43.03
	Hauling/Disposal/Lifting Equipment				1,028.00
	Sub - Total for B				2,571.03
C.	Total (A1+B1)				3,001.35
D.	Output per hour : 5.89 sq.m./hr.				
E.	Direct Unit Cost (A1+B1)÷D				510.00
	Name and Specification	Unit	Quantity	Unit Cost	Amount
F.	Materials				
	Steel Deck; including all necessary fixing accessories and connecting works as shown on drawing; all in accordance with the specification	sq.m.	1.00	2,200.00	2,200.00
	Sub - Total for F				2,200.00
G.	Direct Unit Cost (E + F)				2,710.00
H.	Overhead, Contingencies & Miscellaneous (OCM)			8% of G	216.80
I.	Contractor's Profit (CP)			8% of G	216.80
J.	Value Added Tax (VAT)			12% of (G + H + I)	377.23
K.	Total Unit Cost			(G + H + I + J)	3,520.83

Prepared by:



ARCH. GEEFY P. EVANGELISTA, UAP
 Authorized Representative

Studio26 Construction Inc. and WRC Construction and General Merchandise JV

GENERAL NOTE:
FOR GIRDERS, BEAMS AND COLUMNS
CONNECTION DETAILS, PLEASE REFER
TO THE ISSUED FOR CONSTRUCTION
DRAWINGS AND DETAILS.

COLUMN SCHEDULE (TUBULAR)

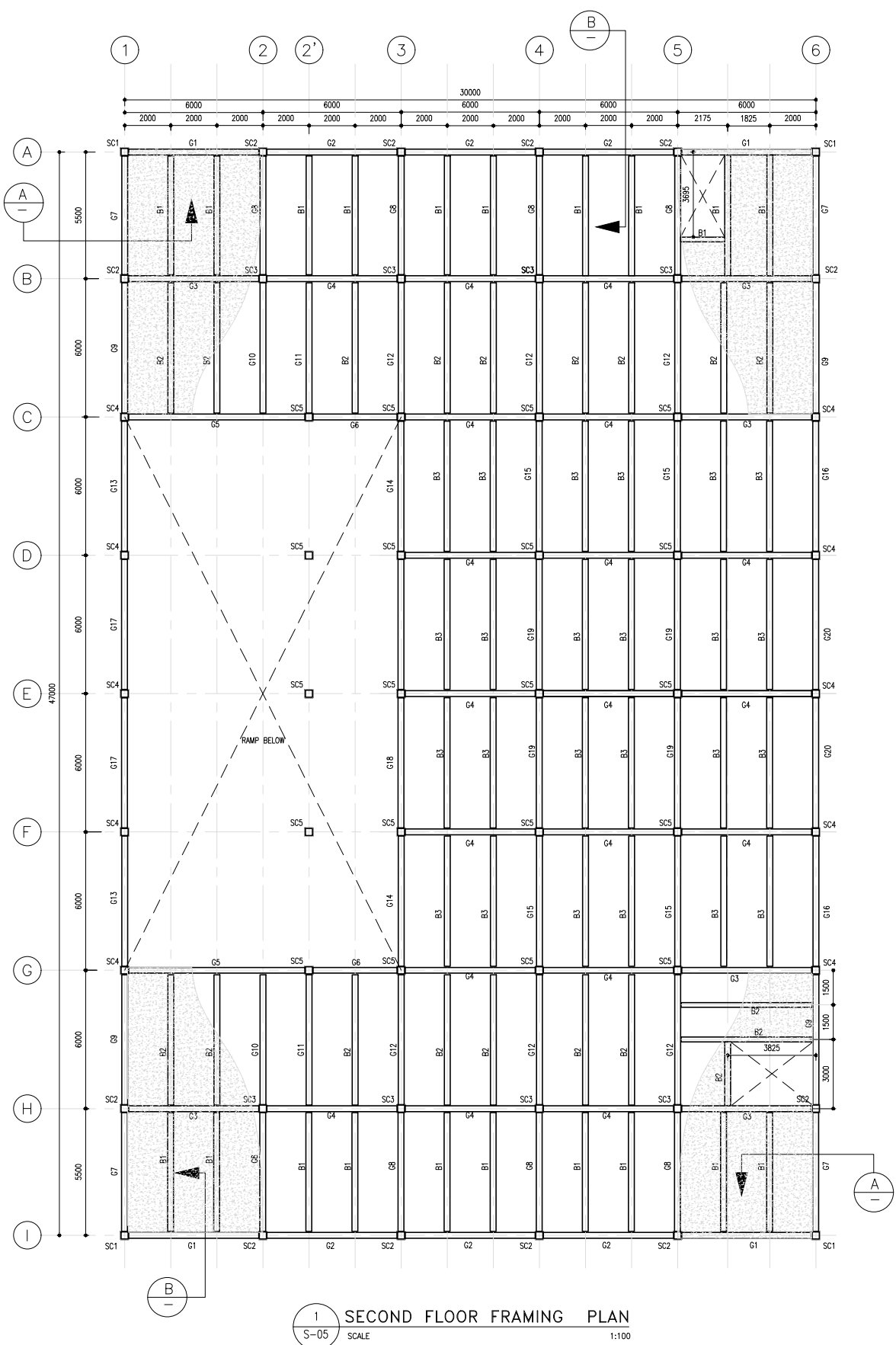
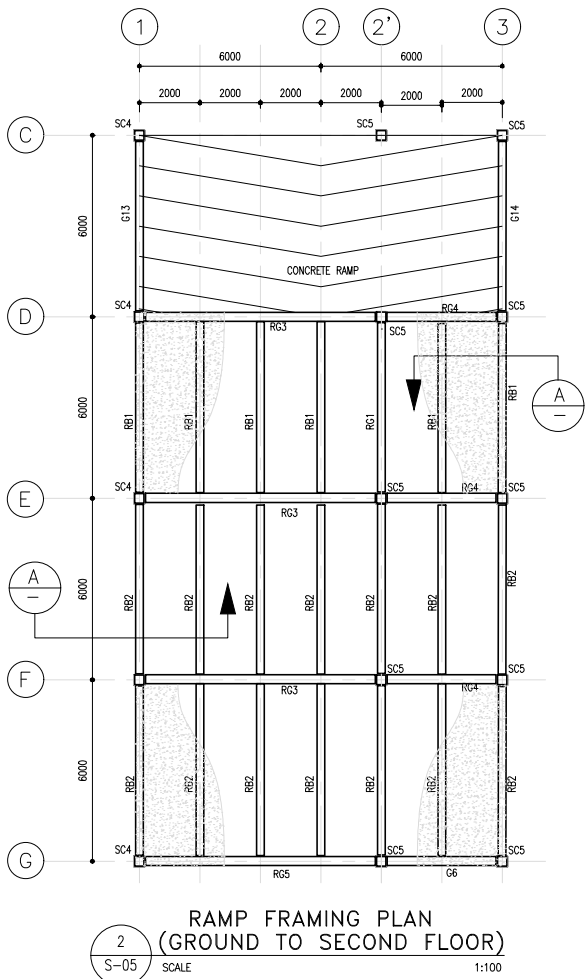
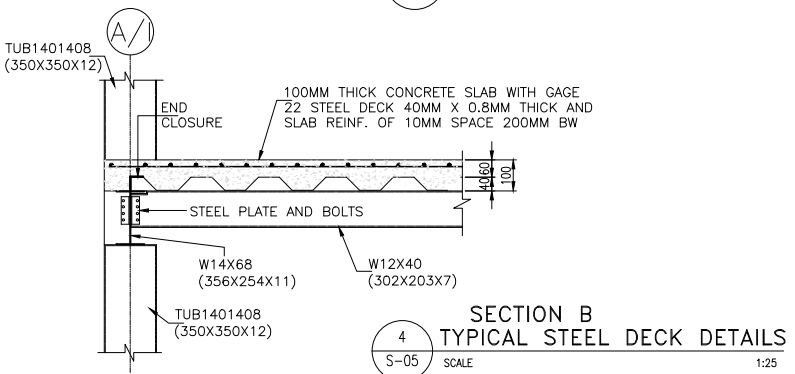
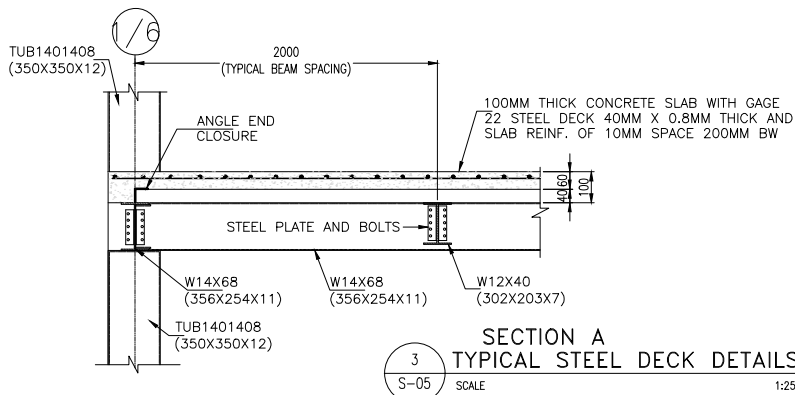
FLOOR	MARK	DESCRIPTION(mm)		
		H	B	tw
3F	SC1	350	350	12
	SC2	350	350	12
	SC3	350	350	12
	SC4	350	350	12
	SC5	350	350	12
2F	SC1	350	350	12
	SC2	350	350	12
	SC3	350	350	12
	SC4	350	350	12
	SC5	350	350	12
GF	SC1	350	350	12
	SC2	350	350	12
	SC3	350	350	12
	SC4	350	350	12
	SC5	350	350	12

GIRDER SCHEDULE

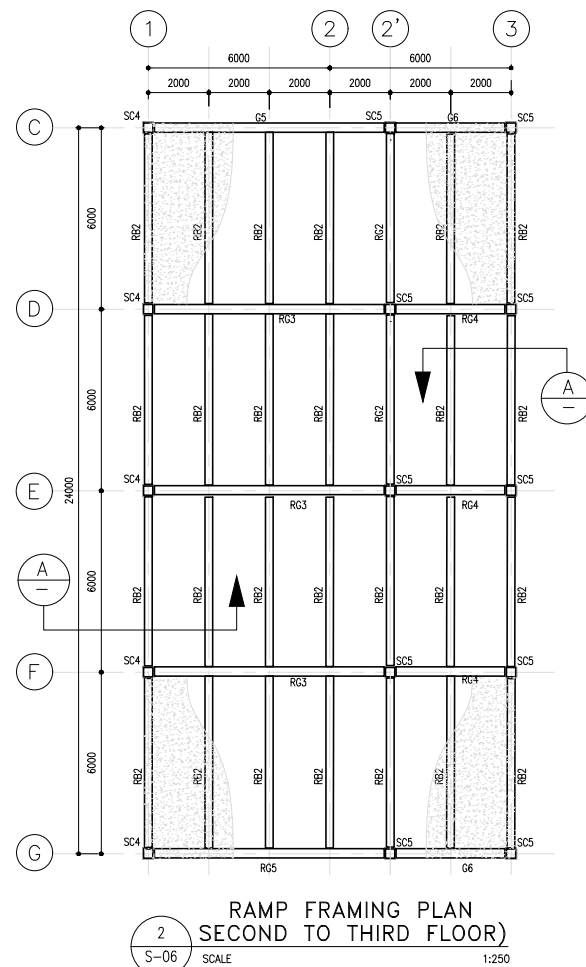
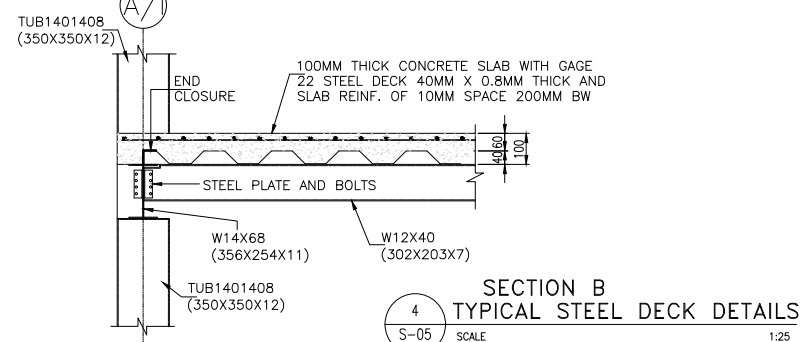
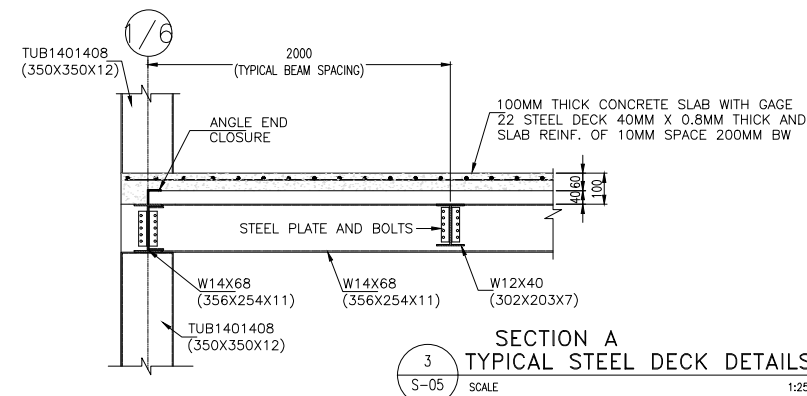
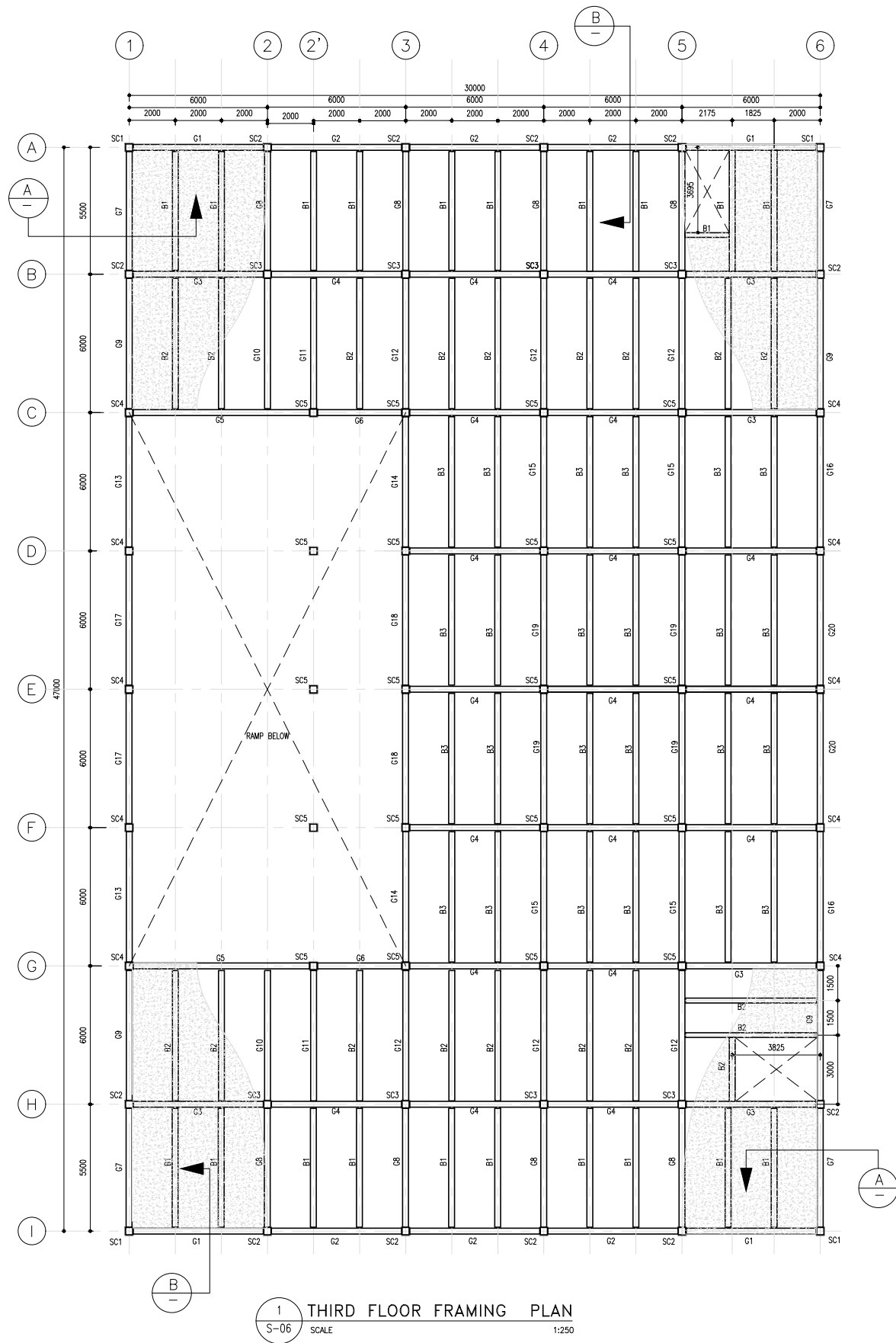
FLOOR	MARK	SIZE	DESCRIPTION(mm)			
			d	bf	tf	tw
GF TO 3F	G1	W14X68	356	254	18	11
	G2	W14X68	356	254	18	11
	G3	W14X68	356	254	18	11
	G4	W14X68	356	254	18	11
	G5	W14X68	356	254	18	11
	G6	W14X68	356	254	18	11
	G7	W14X68	356	254	18	11
	G8	W14X68	356	254	18	11
	G9	W14X68	356	254	18	11
	G10	W14X68	356	254	18	11
	G11	W14X68	356	254	18	11
	G12	W14X68	356	254	18	11
	G13	W14X68	356	254	18	11
	G14	W14X68	356	254	18	11
	G15	W14X68	356	254	18	11
	G16	W14X68	356	254	18	11
	G17	W14X68	356	254	18	11
	G18	W14X68	356	254	18	11
	G19	W14X68	356	254	18	11
	G20	W14X68	356	254	18	11
RAMP	RG1	W14X68	356	254	18	11
	RG2	W14X68	356	254	18	11
	RG3	W14X68	356	254	18	11
	RG4	W14X68	356	254	18	11

BEAM SCHEDULE

FLOOR	MARK	SIZE	DESCRIPTION(mm)			
			d	bf	tf	tw
3F	B1	W12X40	302	203	13	7
	B2	W12X40	302	203	13	7
	B3	W12X40	302	203	13	7
2F	B1	W12X40	302	203	13	7
	B2	W12X40	302	203	13	7
	B3	W12X40	302	203	13	7
RAMP	RB1	W12X40	302	203	13	7
	RB2	W12X40	302	203	13	7



PREPARED BY:	ARCHITECT:	NOTED BY:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	SCALE:	SHEET NO:
STUDIO26 CONSTRUCTION INC SuiteB 3rd Flr. Sentro Kapitolyo Bldg. No.59 West Capital Drive cor Stella Maris St. Kapitolyo, Pasig City 1603 TEL: 632 3580333 EMAIL: studio26construction@gmail.com	<i>Geehy Evangelista</i> GEEFY EVANGELISTA ARCHITECT	MARK P. TORRES VP- ENGINEERING AND SOCIAL SUPPORT DEPARTMENT, BCDA	 PHILIPPINE AIR FORCE	PAF - "3-STOREY CARPARK"	TYP COLUMN SPlicing JOINT CONNECTION DETAIL		S-05
DATE:	DATE:	DATE:	DATE:	LOCATION: PAF, VILLAMOR AIR BASE, PASAY CITY	REVISION NO.		



NOTE: FLOOR DEAD LOAD CHANGED DUE TO STEEL DECK FLOORING SYSTEM

LOADINGS:

- DEAD LOADS : WEIGHT OF THE STRUCTURE AND SUPERIMPOSED DEAD LOADS
 - REINFORCED CONCRETE = 24.00 Kn/m³
 - PLAIN CONCRETE = 23.00 Kn/m³
 - STRUCTURAL STEEL = 78.50 Kn/m³
 - COMPACTED EARTH = 18.00 Kn/m³
 - CONCRETE SLAB WITH STEEL DECK PANEL (GALVANIZED STEEL DECK GAUGE 22 (40mm BY 0.8mm THICK 100mm THICK CONCRETE SLAB WITH BUILT-IN WATER PROOFING SYSTEM THAT COMPOSED OF MEMBRANE) = 2.855 KPa
- LIVE LOADS :
 - PARKING AREA = 5.00 KPa
 - RAMP AREA = 5.00 KPa
 - STAIRS AND REST ROOM = 2.40 KPa
- HYDROSTATIC LOAD : WEIGHT OF WATER
 - REINFORCED CONCRETE = 10.00 Kn/m³
- WIND LOAD : AS PER REQUIREMENT OF THE NSCP 2015
 - BASIC WIND SPEED = 250 Kph
 - BUILDING CATEGORY CLASSIFICATION = IV
 - EXPOSURE = C
 - GUST EFFECT FACTOR, G = 0.85
 - IMPORTANCE FACTOR, I_w = 1.0
- STATIC EARTH PRESSURE LOADS :
 - SURCHARGE LOAD = 10.00 KPa
 - ACTIVE EARTH PRESSURE COEFFICIENT (k_a) = 0.333
 - PASSIVE EARTH PRESSURE COEFFICIENT (k_p) = 3.000
 - EARTH PRESSURE COEFFICIENT AT REST (k_o) = 0.500
- EARTHQUAKE LOAD DATA : AS PER REQUIREMENT OF THE NSCP 2015
 - SEISMIC ZONE COEFFICIENT (Z) = 0.40
 - SEISMIC SOURCE TYPE = A
 - SOIL PROFILE TYPE = S₀
 - NEAR SOURCE FACTOR, N_s = 1.50
 - NEAR SOURCE FACTOR, N_w = 2.00
 - OMPORTANCE FACTOR, I_e = 1.00
 - RESPONSE MODIFICATION FACTOR, R = 6.00 (SCBF)

GENERAL NOTE:

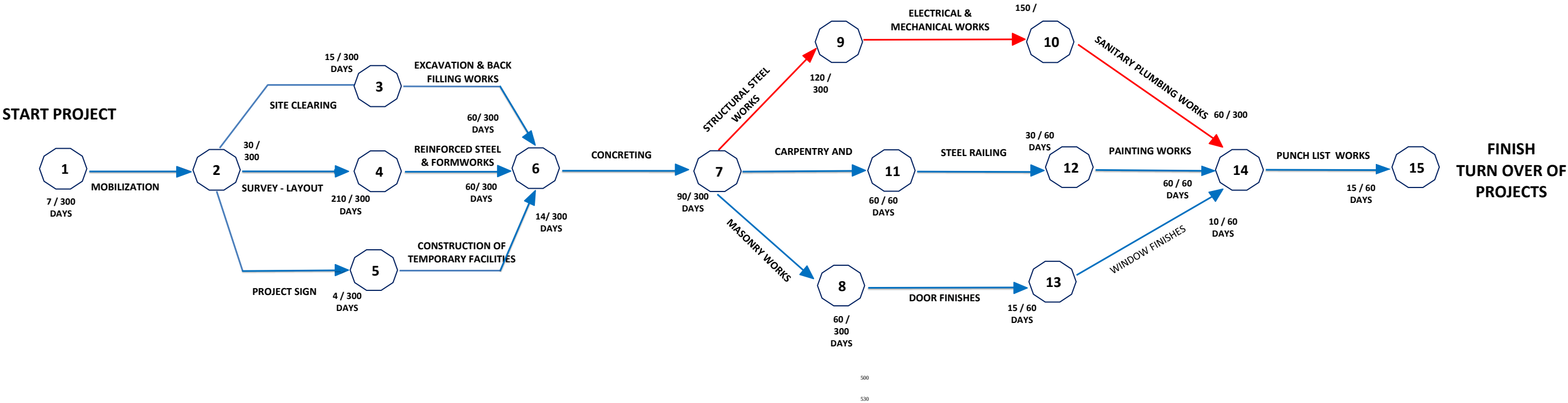
FOR GIRDERS, BEAMS AND COLUMNS CONNECTION DETAILS, PLEASE REFER TO THE ISSUED FOR CONSTRUCTION DRAWINGS AND DETAILS.

PREPARED BY:	ARCHITECT:	NOTED BY:	APPROVED BY:	PROJECT TITLE:	SHEET CONTENT:	SCALE:	SHEET NO:
STUDIO26 CONSTRUCTION INC SuiteB 3rd Flr. Sentro Kapitolyo Bldg. No.59 West Capital Drive cor Stella Maris St. Kapitolyo, Pasig City 1603 TEL: 632 3580333 EMAIL: studio26construction@gmail.com	GEEFY EVANGELISTA ARCHITECT	MARK P. TORRES VP- ENGINEERING AND SOCIAL SUPPORT DEPARTMENT, BCDA	PHILIPPINE AIR FORCE	PAF - "3-STOREY CARPARK"	TYP COLUMN SPlicing JOINT CONNECTION DETAIL		S-06
DATE:	DATE:	DATE:	DATE:	LOCATION: PAF, VILLAMOR AIR BASE, PASAY CITY	REVISION NO.		

Project: REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL CIRCUIT BREAKER
HIGH TENSION WIRE AND ELECTRICAL SYSTEM
Location: COL. JESUS VILLAMOR AIR BASE
Subject: PROJECT CONSTRUCTION SCHEDULE WITH S-CURVE
Client: BASES CONVERSION AND DEVELOPMENT AUTHORITY
Contractor: RHODIUM 688 BUILDERS, INC. (Formerly: STUDIO26 CONSTRUCTION INC.)

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PERT / CPM GANTT CHART - STEEL PARKING



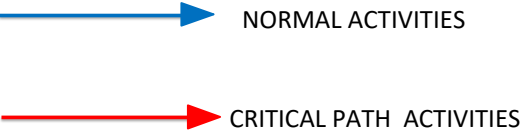
PROJECT START

- 1 MOBILIZATION
- 2 SITE CLEARING , SURVEY LAY - OUT
- 3 PROJECT SIGN BOARD
- 4 CONSTRUCTION OF TEMPORARY FACILITIES
- 5 EXCAVATION AND BACK FILLING WORKS
- 6 REINFORCED STEEL & FORM WORKS

- 7 CONCRETING WORKS
- 8 MASONRY
- 9 STRUCTURAL STEEL
- 10 ELECTRICAL & MECHNICAL
- 11 CARPENTRY & JOINERY WORKS
- 12 STEEL RAILING WORKS

- 13 DOORS & WINDOW FINISHES
- 14 PAINTING WORKS

FINISH
TURN OVER OF
PROJECTS





VARIATION ORDER STATUS MONITORING LOG

Project Name : REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL CIRCUIT BREAKER,
HIGH TENSION WIRE AND ELECTRICAL SYSTEM

Location : COL. JESUS VILLAMOR AIR BASE

Client : BASES CONVERSION AND DEVELOPMENT AUTHORITY

Contractor : RHODIUM 688 BUILDERS, INC. (Formerly: STUDIO26 CONSTRUCTION INC.)

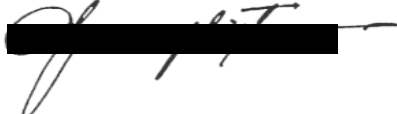
Orig. Contract Amount : Php 69,138,992.00

Change Order Total Amount : Php 3,105,476.71

Revised Contract Amount : Php 72,244,468.71

VARIATION ORDER NO.	DESCRIPTION	VO CATEGORY	COST CLAIM	APPROVED AMOUNT BY BCDA		RECOMMENDED TIME CHANGE	REVISED CONTRACT AMOUNT
				ADDITIVE	DEDUCTIVE		
RHODIUM-BCDAPAF-VO-001	DELETION OF CONNECTING BRIDGE	CLIENT INITIATED	(3,873,798.66)		(3,873,798.66)		65,265,193.34
RHODIUM-BCDAPAF-VO-002	ADDITIONAL WORKS FOR COLUMN SPLICING	DUE TO ACTUAL SITE CONDITION	2,455,927.85	2,455,927.85			67,721,121.19
RHODIUM-BCDAPAF-VO-003	DEDUCTIVE CHECKERED AND PERFORATED PLATE FOR SLAB	DUE TO DESIGN CONSIDERATION	(9,282,480.51)		(9,282,480.51)		67,721,121.19
RHODIUM-BCDAPAF-VO-004	ADDITIVE ALTERNATIVE CONCRETE DECKING SLAB FROM (STEEL PERFORATED & CHECKERED PLATE)	DUE TO DESIGN CONSIDERATION	13,805,828.03	13,805,828.03			16,911,304.73
	TOTAL TO DATE			16,261,755.87	(13,156,279.16)		Php 72,244,468.71

Prepared by:


ARCH. GEEFY P. EVANGELISTA, UAP

Authorized Managing Officer



VARIATION ORDER CLAIM

Variation Order No.: **RHODIUM-BCDAPAF-VO-001**
 Drawing Date/ Doc Ref.:
 PMI/CMI/SI/RFI/RFA No.:
 Date Submitted: **September 07, 2021**
 Date Reconciled:

ITEM	DESCRIPTION	QTY	UNITS	MATERIALS	LABOR	EQUIPMENT	TOTAL UNIT COST	AMOUNT
I	Deductive Works Supply and Installation - Original awarded pay item of works							
1.0	Connecting Bridge to PMC Bldg; 1400mm wide at 2.5m elevation	- 9.40	m	337,792.00	33,779.20	40,535.04	412,106.24	(3,873,798.66)
				TOTAL AMOUNT VAT INC.				(3,873,798.66)


ARCH. GEEFY P. EVANGELISTA, UAP
Authorized Managing Officer



er No.: **RHODIUM-BCDAPAF-VO-002**
/ Doc Ref.:
FI/RFA No.:
ed:
ed: **September 07, 2021**

Variation Order No.: **RHODIUM-BCDAPAF-VO-002**
 Drawing Date/ Doc Ref.:
 PMI/CM/ SI/RF/ RFA No.:
 Date Submitted: **September 07, 2021**
 Date Reconciled:

Prepared by:


ARCH. GEEFY P. EVANGELISTA, UAP
Authorized Managing Officer

PROJECT : PAF - 3 STOREY STEEL CARPARK
LOCATION : PAF - VILLAMOR AIR BASE, PASAY CITY
CLIENT : BCDA
DATE PREPARED : JANUARY 14, 2022

SUBJECT : VARIATION ORDER NO. 02 - EXTENSION OF COLUMN

GRID LINE	MATERIAL DESCRIPTION										LENGTH	QTY/ UNIT	# OF UNITS	TOTAL QTY	WEIGHT	
1. Additional for Steel Column Extension - Tubular 350 x 350 12mm thk - 54 Columns																
ORIGINAL																
SC1	HS	350	x	350	x	12				SC1	1,235	1	4	4	614.77	
SC2	HS	350	x	350	x	12				SC2	1,235	1	12	12	1,844.31	
SC3	HS	350	x	350	x	12				SC3	1,235	1	8	8	1,229.54	
SC4	HS	350	x	350	x	12				SC4	1,235	1	10	10	1,536.93	
SC5	HS	350	x	350	x	12				SC5	1,235	1	20	20	3,073.85	
															8,299.40	
2. Additional for Steel Vertical Pipe Brace Extension Ground to Third Floor																
G1&6-LA-B	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	
G1&6-LA-B	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	
G1&6-LC-D	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	
G1&6-LC-D	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	
G1&6-LE-F	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	
G1&6-LE-F	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	
G1&6-LG-H	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	
G1&6-LG-H	GI Pipe	141	mm. O.D.	x	9	(5"Ø)	Sch. 50			2,000	2	2	6	6	351.58	

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VARIATION ORDER CLAIM

Project Name	REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL CIRCUIT BREAKER, HIGH TENSION WIRE AND ELECTRICAL SYSTEM
Location	COL. JESUS VILLAMOR AIR BASE
Client	BASES CONVERSION AND DEVELOPMENT AUTHORITY
Contractor	RHODIUM 688 BUILDERS, INC. (Formerly: STUDIO26 CONSTRUCTION INC.)
Subject	ADDITIVE/DEDUCTIVE FOR CHECKERED AND PERFORATED FLOOR PLATE TO CONCRETE SLAB DECKING

Variation Order No.: **RHODIUM-BCDAPAF-VO-003**
 Drawing Date/ Doc Ref.:
 PMI/CMI/SI/RFI/RFA No.:
 Date Submitted: **September 07, 2021**
 Date Reconciled:

[illegible]

Prepared by:

ARCH. GEEFY P. EVANGELISTA, UAP
Authorized Managing Officer



VARIATION ORDER CLAIM

Project Name	REPLICATION OF PAF PARKING AREA AND RELOCATION OF OIL CIRCUIT BREAKER, HIGH TENSION WIRE AND ELECTRICAL SYSTEM
Location	COL. JESUS VILLAMOR AIR BASE
Client	BASES CONVERSION AND DEVELOPMENT AUTHORITY
Contractor	RHODIUM 688 BUILDERS, INC. (Formerly: STUDIO26 CONSTRUCTION INC.)
Subject	ADDITIVE/DEDUCTIVE FOR CHECKERED AND PERFORATED FLOOR PLATE TO CONCRETE SLAB DECKING

Variation Order No.: **RHODIUM-BCDAPAF-VO-004**
 Drawing Date/ Doc Ref.:
 PMI/CMI/SI/RFI/RFA No.:
 Date Submitted: **September 07, 2021**
 Date Reconciled:

ITEM	DESCRIPTION	QTY	UNITS	MATERIALS	LABOR	EQUIPMENT	TOTAL UNIT COST	AMOUNT
I	ADDITIVE ALTERNATIVE CONCRETE DECKING SLAB FROM (STEEL PERFORATED & CHECKERED PLATE)							
1.0	ADDITIVE WORKS							
	Steel Deck Panel for Access Ramp	580.80	sq.m.	2,858.24	480.70	181.89	3,520.83	2,044,899.23
	Steel Deck Panel for Slab of Second Floor & Third Floor Level	2,244.00	sq.m.	2,858.24	480.70	181.89	3,520.83	7,900,747.01
	Structural Concrete, Concrete Slab, 28 MPa @ 28 Days PCD	340.08	cu.m.	6,755.84	649.60	181.89	7,587.33	2,580,298.51
	Reinforced Bar	22,389.36	kgs	44.17	7.80	5.20	57.16	1,279,883.29
				TOTAL AMOUNT VAT INC.				13,805,828.03

Prepared by:

ARCH. GEEFY P. EVANGELISTA, UAP
Authorized Managing Officer

PROJECT : PAF - 3 STOREY STEEL CARPARK
LOCATION : PAF - VILLAMOR AIR BASE, PASAY CITY
CLIENT : BCDA
DATE PREPARED : JANUARY 14, 2022
SUBJECT : VARIATION ORDER NO. 03 - ESTIMATE

ITEM	DESCRIPTION	WIDTH	LENGTH	AREA	UNIT		
I	Steel Deck Panel for Access Ramp						
	GROUND FLOOR - SECOND FLOOR RAMP	12.00	24.20	290.40	sq.m		
	SECOND FLOOR - THIRD FLOOR RAMP	12.00	24.20	290.40	sq.m		
		TOTAL AREA		580.80	SQ.M		
II	Steel Deck Panel for Slab of Second Floor & Third Floor Level						
	SECOND FLOOR STEEL DECK PANEL	30.00	47.00	1,410.00	sq.m		
	THIRD FLOOR STEEL DECK PANEL	30.00	47.00	1,410.00	sq.m		
		LESS ACCESS RAMP		576.00	sq.m		
		TOTAL AREA		2,244.00	SQ.M		
III	Structural Concrete, Concrete Slab, 28 MPa @ 28 Days PCD	WIDTH	LENGTH	THK	VOLUME	UNIT	
	SECOND FLOOR STEEL DECK PANEL	30.00	47.00	0.10	141.00	cu.m	
	THIRD FLOOR STEEL DECK PANEL	30.00	47.00	0.10	141.00	cu.m	
	GROUND FLOOR - SECON FLOOR RAMP	12.00	24.20	0.10	29.04	cu.m	
	SECOND FLOOR - THIRD FLOOR RAMP	12.00	24.20	0.10	29.04	cu.m	
		TOTAL VOLUME			340.08	CU.M	
IV	Reinforced Bar						
	GROUND FLOOR - SECOND FLOOR RAMP	WIDTH	LENGTH	UNIT WEIGTH	QTY	TOTAL KGS	UNIT
	LONGITUDINAL						
	10MM DIA. X 12M SPACED @ 200MM BW	12.00	24.20	0.62	100.00	740.40	kgs
	10MM DIA. X 7.5M SPACED @ 200MM BW	12.00	24.20	0.62	100.00	462.75	kgs
	10MM DIA. X 7.5M SPACED @ 200MM BW	12.00	24.20	0.62	100.00	462.75	kgs
	TRAVERSE						
	10MM DIA. X 12M SPACED @ 200MM BW	12.00	24.20	0.62	202.00	1,502.88	kgs
	Dowel Connection 10mm dia.	12.00	6.00	0.62	100.00	372.00	kgs
	SECOND FLOOR - THIRD FLOOR RAMP						
	LONGITUDINAL						
	10MM DIA. X 12M SPACED @ 200MM BW	12.00	24.20	0.62	100.00	740.40	kgs
	10MM DIA. X 7.5M SPACED @ 200MM BW	12.00	24.20	0.62	100.00	462.75	kgs
	10MM DIA. X 7.5M SPACED @ 200MM BW	12.00	24.20	0.62	100.00	462.75	kgs
	TRAVERSE						
	10MM DIA. X 12M SPACED @ 200MM BW	12.00	24.20	0.62	202.00	1,502.88	kgs
	Dowel Connection 10mm dia.	12.00	6.00	0.62	100.00	372.00	kgs
	SECOND FLOOR SLAB						
	ALONG GRADE LINE A-C/ 1-6 & G-I/ 1-6						
	LONGHITUDINAL						
	10MM DIA. X 12M SPACED @ 200MM BW	30.00	23.00	0.62	300.00	2,232.00	kgs
	TRAVERSE						
	10MM DIA. X 12M SPACED @ 200MM BW	30.00	23.00	0.62	230.00	1,711.20	kgs
	10MM DIA. X 9M SPACED @ 200MM BW	30.00	23.00	0.62	115.00	641.70	kgs
	ALONG GRADE LINE C-G/ 3-6						
	LONGHITUDINAL						
	10MM DIA. X 12M SPACED @ 200MM BW	18.00	24.00	0.62	90.00	669.60	kgs
	10MM DIA. X 9M SPACED @ 200MM BW	18.00	24.00	0.62	90.00	502.20	kgs
	10MM DIA. X 6M SPACED @ 200MM BW	18.00	24.00	0.62	90.00	334.80	kgs
	TRAVERSE						
	10MM DIA. X 12M SPACED @ 200MM BW	18.00	24.00	0.62	120.00	892.80	kgs
	10MM DIA. X 9M SPACED @ 200MM BW	18.00	24.00	0.62	120.00	669.60	kgs
	THIRD FLOOR SLAB						
	ALONG GRADE LINE A-C/ 1-6 & G-I/ 1-6						
	LONGHITUDINAL						
	10MM DIA. X 12M SPACED @ 200MM BW	30.00	23.00	0.62	300.00	2,232.00	kgs
	TRAVERSE						
	10MM DIA. X 12M SPACED @ 200MM BW	30.00	23.00	0.62	230.00	1,711.20	kgs
	10MM DIA. X 9M SPACED @ 200MM BW	30.00	23.00	0.62	115.00	641.70	kgs
	ALONG GRADE LINE C-G/ 3-6						
	LONGHITUDINAL						
	10MM DIA. X 12M SPACED @ 200MM BW	18.00	24.00	0.62	90.00	669.60	kgs
	10MM DIA. X 9M SPACED @ 200MM BW	18.00	24.00	0.62	90.00	502.20	kgs
	10MM DIA. X 6M SPACED @ 200MM BW	18.00	24.00	0.62	90.00	334.80	kgs
	TRAVERSE						
	10MM DIA. X 12M SPACED @ 200MM BW	18.00	24.00	0.62	120.00	892.80	kgs
	10MM DIA. X 9M SPACED @ 200MM BW	18.00	24.00	0.62	120.00	669.60	kgs
		TOTAL KGS				22,389.36	