

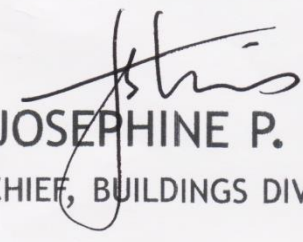
REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BUREAU OF DESIGN
BUILDINGS DIVISION

BONIFACIO DRIVE, PORT AREA, MANILA

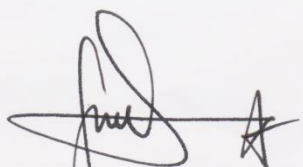
PROJECT TITLE:

- 1) REVISED DESIGN OF STANDARD DPWH DISTRICT ENGINEERING OFFICE BUILDING
- 2) DESIGN OF STANDARD DPWH REGIONAL OFFICE BUILDING


SUBMITTED BY:

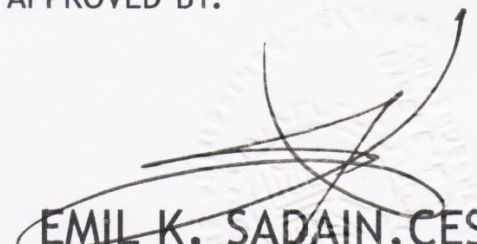

JOSEPHINE P. ISTURIS
CHIEF, BUILDINGS DIVISION, BOD

RECOMMENDING APPROVAL:

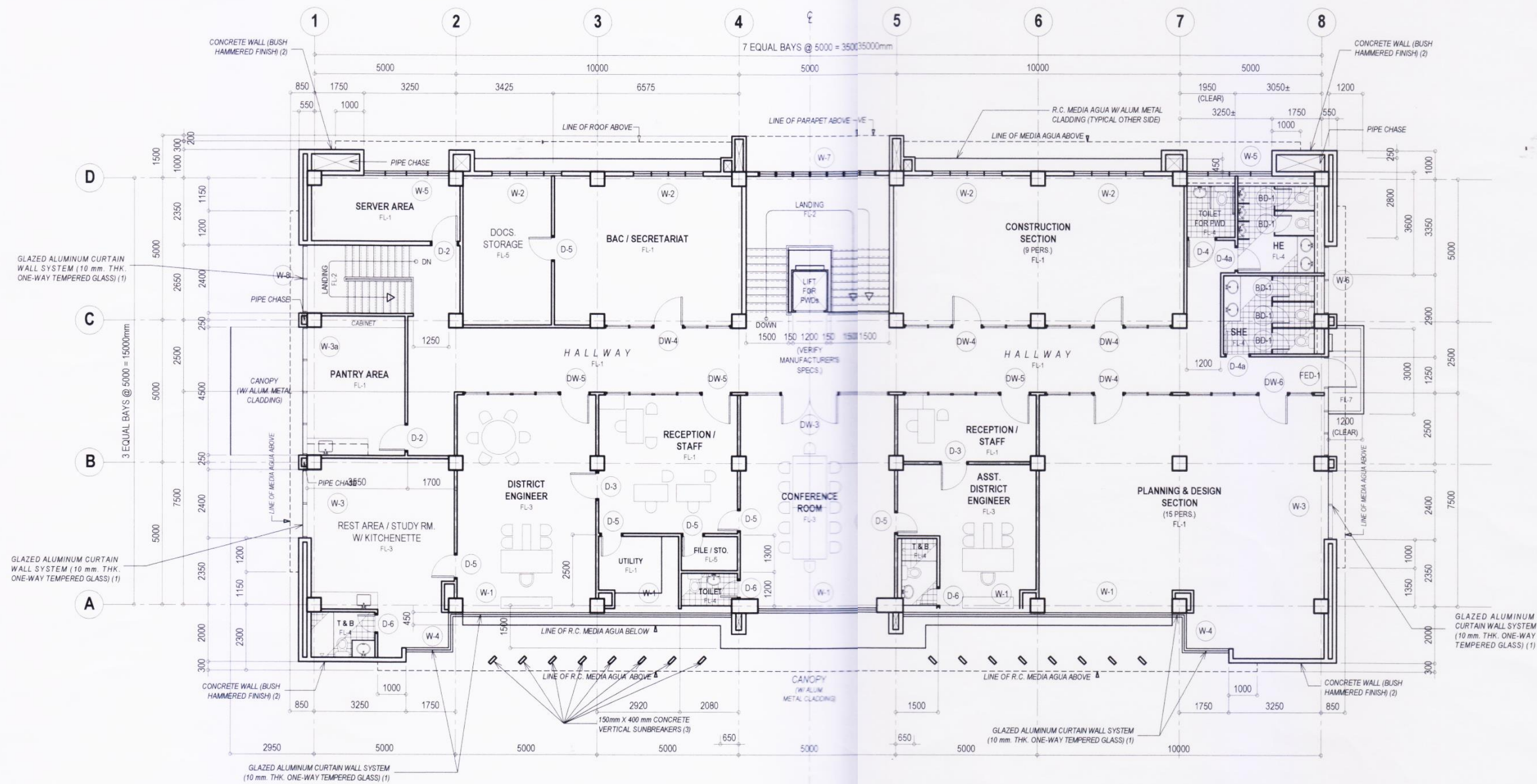

LEA N. DELFINADO, CESO IV
OFFICER-IN-CHARGE
AUG 24 2018

APPROVED BY:


GILBERTO S. REYES, CESO IV
ASSISTANT SECRETARY FOR TECHNICAL SERVICES

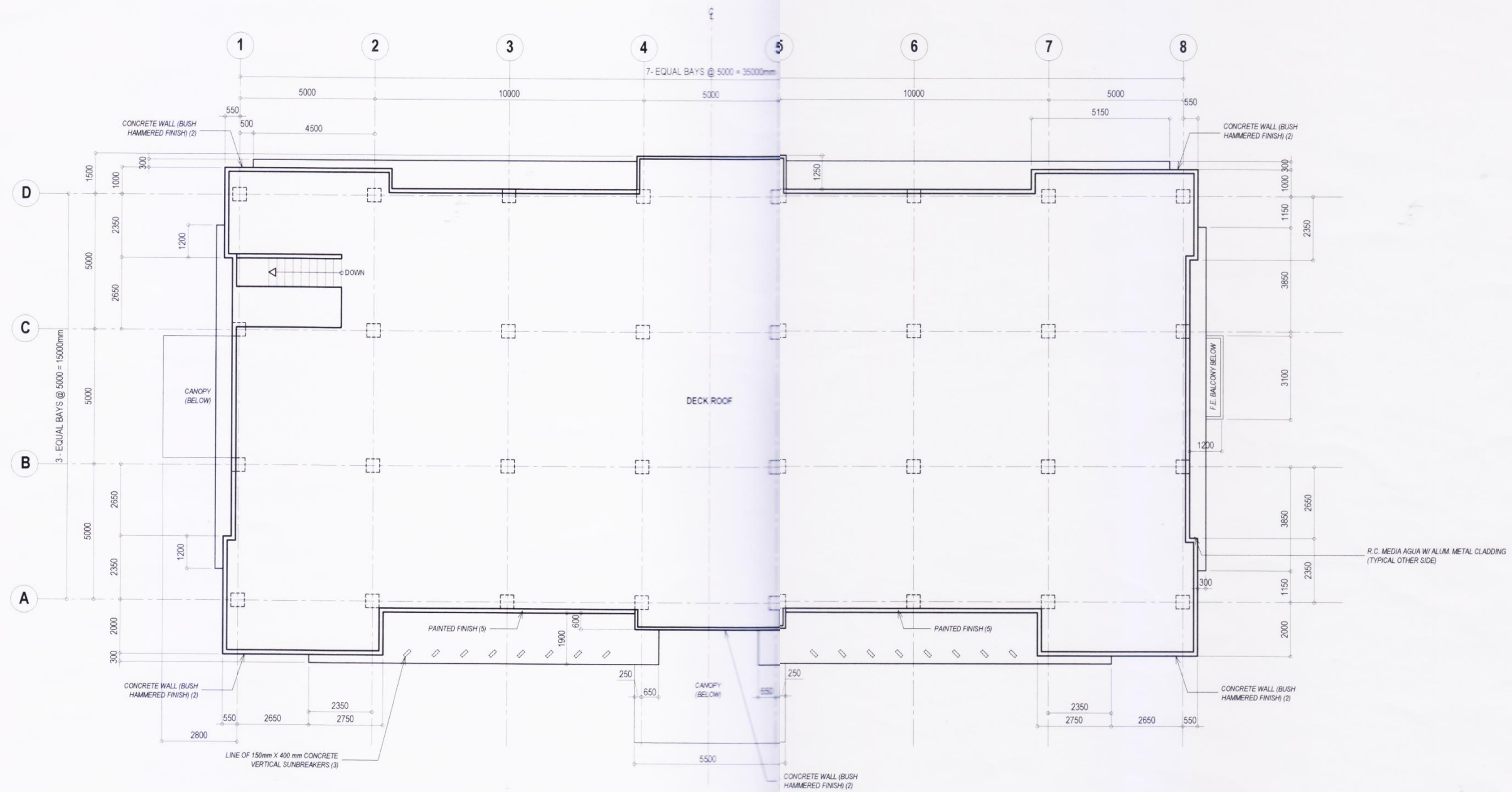

EMIL K. SADAIN, CESO I
UNDERSECRETARY FOR UPMO
OPERATIONS AND
TECHNICAL SERVICES

**REVISED DESIGN OF
STANDARD DPWH DISTRICT
ENGINEERING OFFICE
BUILDING**

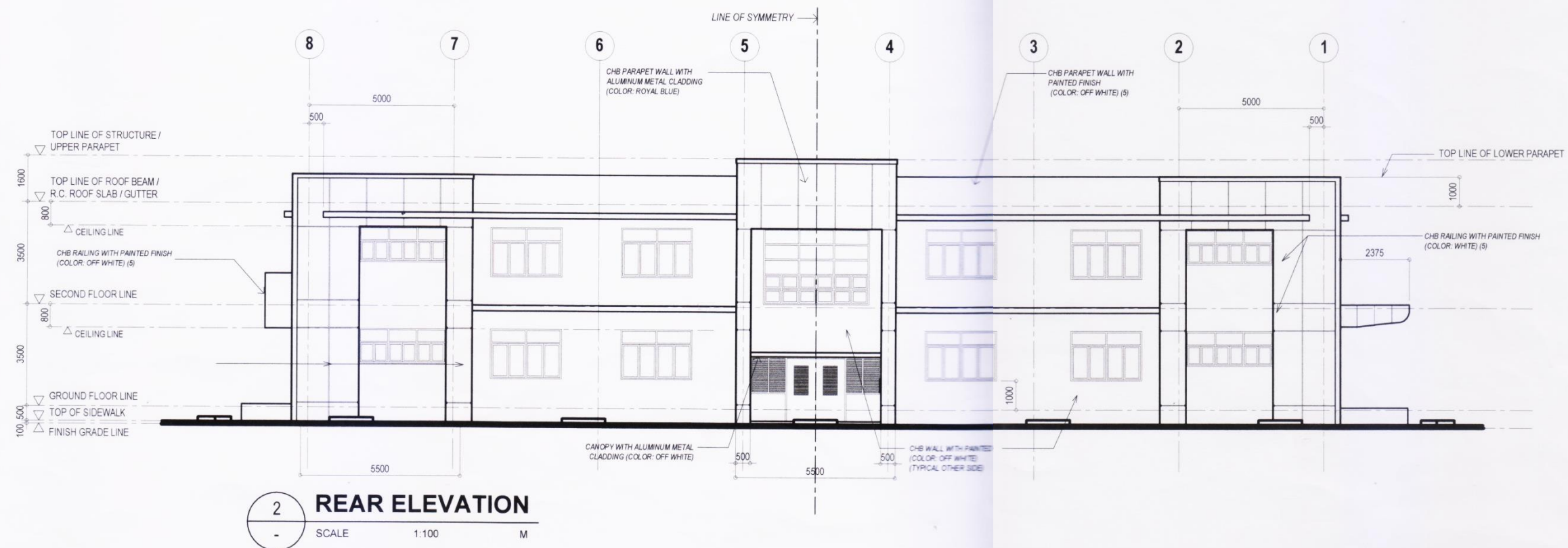
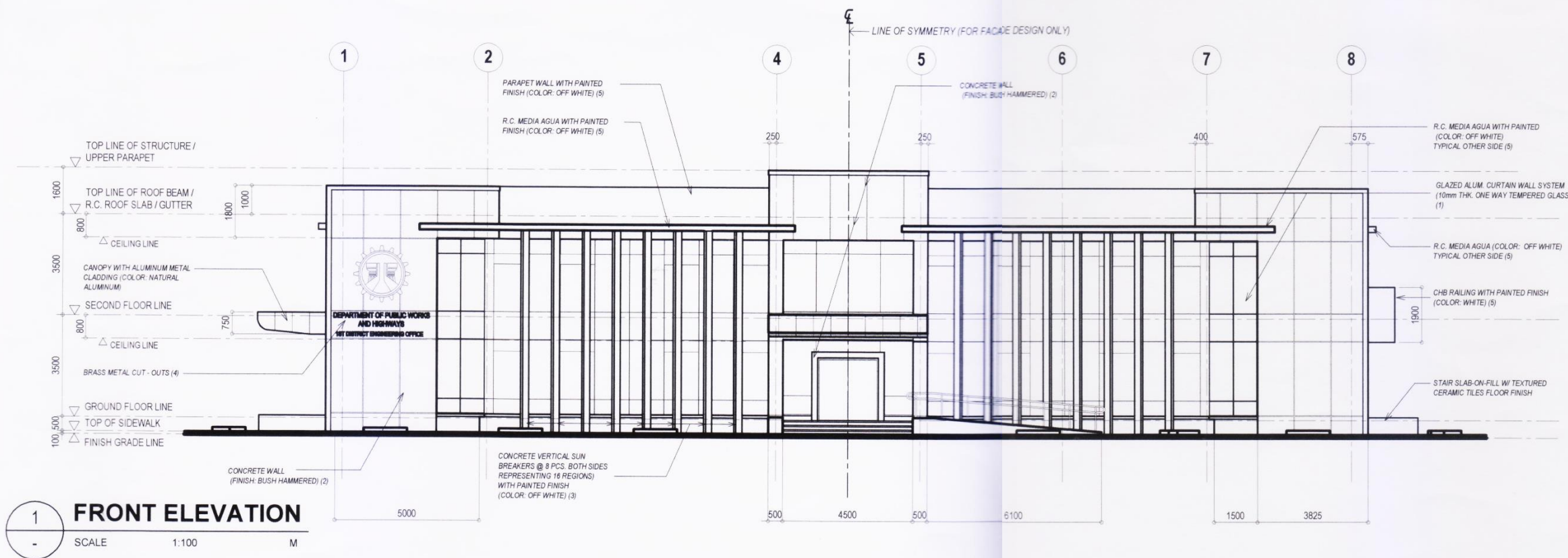


1 SECOND FLOOR PLAN
SCALE 1:100 M

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BUREAU OF DESIGN BUILDINGS DIVISION BONIFACIO DRIVE PORT AREA, MANILA</p>	<p>PROJECT AND LOCATION: REVISED STANDARD DPWH-DISTRICT ENGINEERING OFFICE BUILDING WITH DECK ROOF</p>	<p>SHEET CONTENTS: SECOND FLOOR PLAN</p>	<p>ARCHITECTURAL CONCEPT: ARCHITECTURAL SECTION CADD:  CHECKED: FRANCIS G. SERRANO OIC, ARCHITECT IV</p>	<p>SUBMITTED:  JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION</p>	<p>RECOMMENDING APPROVAL: (SEE COVER SHEET FOR APPROVAL) LEA N. DELFINADO, CESO IV OFFICER-IN-CHARGE</p>	<p>(SEE COVER SHEET FOR APPROVAL) GILBERTO S. REYES, CESO IV ASSISTANT SECRETARY FOR TECHNICAL SERVICES</p>	<p>APPROVED: (SEE COVER SHEET FOR APPROVAL) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPMO OPERATIONS AND TECHNICAL SERVICES</p>	<p>SET NO. BOD B</p>	<p>SHEET NO. 1</p>
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 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BUREAU OF DESIGN BUILDINGS DIVISION BONIFACIO DRIVE PORT AREA, MANILA</p>	<p>PROJECT AND LOCATION:</p> <p>REVISED STANDARD DPWH-DISTRICT ENGINEERING OFFICE BUILDING WITH DECK ROOF</p>	<p>SHEET CONTENTS:</p> <p>ROOF PLAN</p>	<p>ARCHITECTURAL CONCEPT:</p> <p>ARCHITECTURAL SECTION</p>	SUBMITTED:	RECOMMENDING APPROVAL:		APPROVED:	SET NO.	SHEET NO.
			CADD:	 JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION	(SEE COVER SHEET FOR APPROVAL)	(SEE COVER SHEET FOR APPROVAL)	(SEE COVER SHEET FOR APPROVAL)	 BOD	 -
			CHECKED:		LEA N. DELFINADO, CESO IV	GILBERTO S. REYES, CESO IV	EMIL K. SADAIN, CESO I		
			FRANCIS G. SERRANO		OFFICER-IN-CHARGE	ASSISTANT SECRETARY FOR TECHNICAL SERVICES	UNDERSECRETARY FOR UPMO OPERATIONS AND TECHNICAL SERVICES		



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BUREAU OF DESIGN
BUILDINGS DIVISION
BONIFACIO DRIVE PORT AREA, MANILA

PROJECT AND LOCATION:
REVISED
**STANDARD DPWH-DISTRICT
ENGINEERING OFFICE BUILDING
WITH DECK ROOF**

SHEET CONTENTS:
FRONT ELEVATION
REAR ELEVATION
LEGEND

ARCHITECTURAL CONCEPT:
ARCHITECTURAL SECTION
CADD: LARK M. VERA
CHECKED: FRANCIS G. SERRANO
OIC ARCHITECT

SUBMITTED:
JOSEPHINE P. ISTURIS
CHIEF, BUILDINGS DIVISION

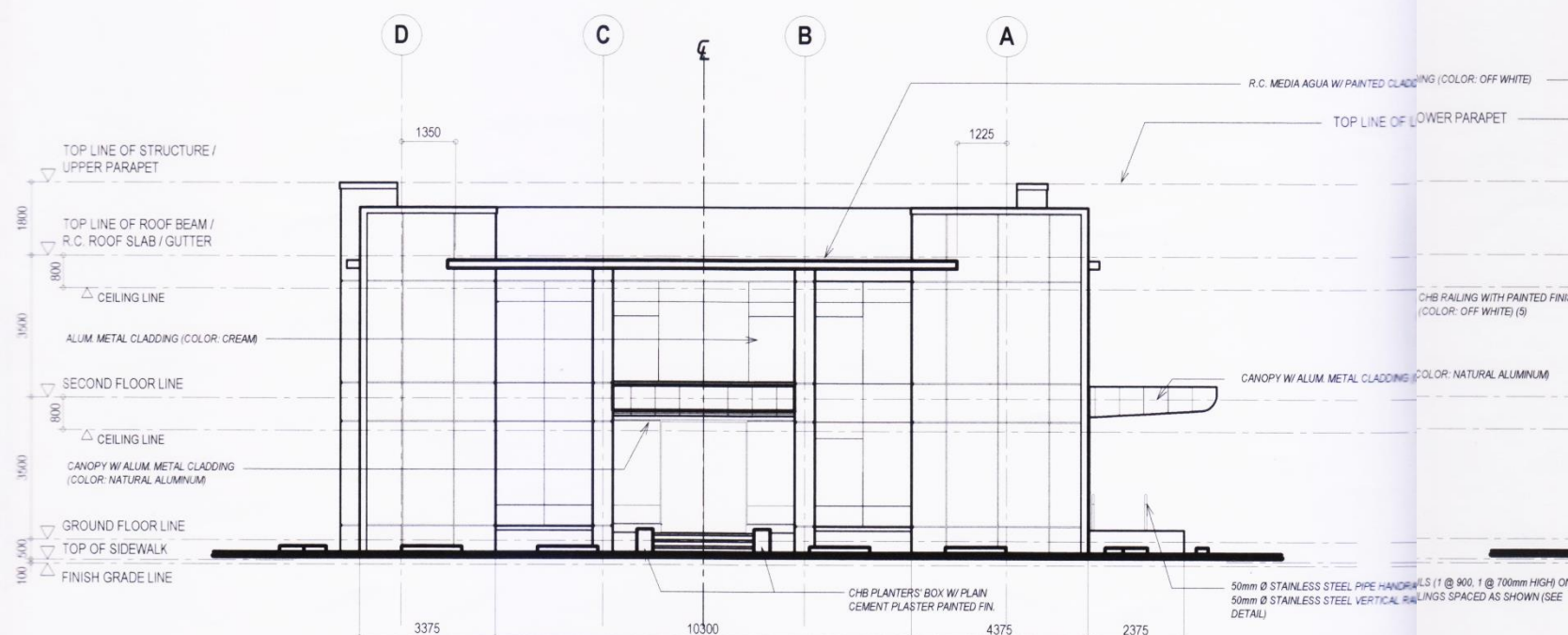
RECOMMENDING APPROVAL:
(SEE COVER SHEET FOR APPROVAL)
LEA N. DELFINADO, CESO IV
OFFICER-IN-CHARGE

(SEE COVER SHEET FOR APPROVAL)
GILBERTO S. REYES, CESO IV
ASSISTANT SECRETARY
FOR TECHNICAL SERVICES

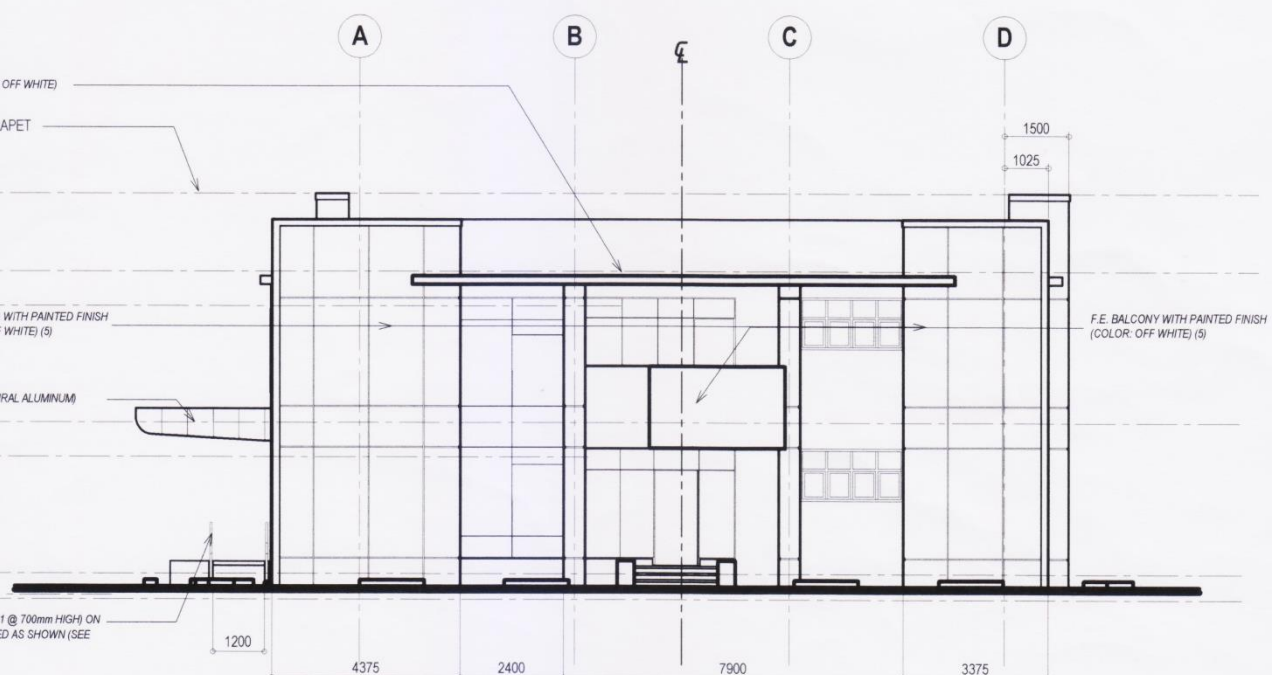
APPROVED:
(SEE COVER SHEET FOR APPROVAL)
EMIL K. SADAIN, CESO I
UNDERSECRETARY FOR UPMO
OPERATIONS AND TECHNICAL SERVICES

SET NO. SHEET NO.
BOD
B

- LEGEND:
1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE WAY TEMPERED GLASS)
 2. CONCRETE WALL (BUSH HAMMERED FINISH)
 3. CONCRETE VERTICAL SUNBREAKERS
 4. BRASS METAL CUT-OUT
 5. PAINTED FINISH



1 LEFT SIDE ELEVATION
SCALE 1:100 M



2 RIGHT SIDE ELEVATION
SCALE 1:100 M

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BUREAU OF DESIGN BUILDINGS DIVISION BONIFACIO DRIVE PORT AREA, MANILA</p>	<p>PROJECT AND LOCATION:</p> <p>REVISED STANDARD DPWH-DISTRICT ENGINEERING OFFICE BUILDING WITH DECK ROOF</p>	<p>SHEET CONTENTS:</p> <p>LEFT SIDE ELEVATION RIGHT SIDE ELEVATION LEGEND</p>	<p>ARCHITECTURAL CONCEPT: ARCHITECTURAL SECTION</p> <p>CADD: <i>LARK MAVERICK DE VERA</i> ARCHITECT II</p> <p>CHECKED: <i>FRANCIS G. SERRANO</i> OIC, ARCHITECT IV</p>	<p>SUBMITTED:</p> <p><i>Josephine P. Isturis</i> JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION</p>	<p>RECOMMENDING APPROVAL:</p> <p>(SEE COVER SHEET FOR APPROVAL) LEA N. DELFINADO, CESO IV OFFICER-IN-CHARGE</p>	<p>(SEE COVER SHEET FOR APPROVAL) GILBERTO S. REYES, CESO IV ASSISTANT SECRETARY FOR TECHNICAL SERVICES</p>	<p>APPROVED:</p> <p>(SEE COVER SHEET FOR APPROVAL) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPMO OPERATIONS AND TECHNICAL SERVICES</p>	<p>SET NO.</p> <p>BOD B</p>	<p>SHEET NO.</p> <p>-</p>
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AERIAL VIEW



STREET VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH



FRONT VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH



LEFT SIDE VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH



REAR VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH



REAR - RIGHT SIDE VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH



FRONT - RIGHT SIDE VIEW

BUILDING AREA/SCOPE OF WORK	QUANTITY	UNIT COST	TOTAL COST
I. Fabricated Materials			
1.1 Removal of Existing Windows(For New Curtain Walls)	1 lot	P 164,000.00	P 164,000.00
1.2 Curtain Walls	182 m²	P 19,500.00	P 3,549,000.00
2. Wall Finishes			
1.1 Removal/Chipping of Existing Wall Finishes	900 m²	P 200.00	P 180,000.00
1.2 Bush Hammered Cement Wall Finish	900 m²	P 600.00	P 540,000.00
	Total Project Cost		P 4,433,000.00
		SAY	P 4.5M

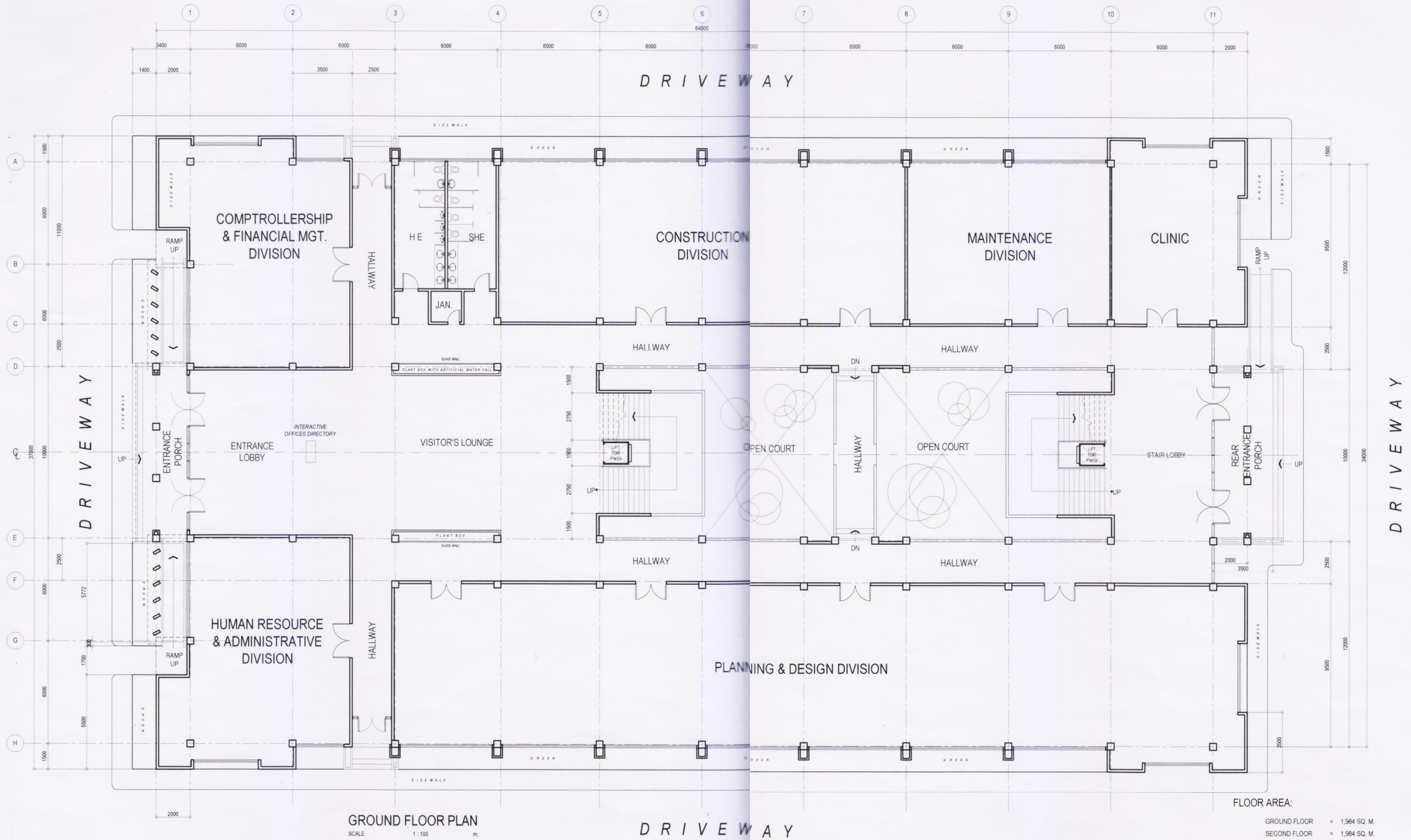
**BUDGETARY COST ESTIMATE FOR NEW FAÇADE DESIGN OF EXISTING
DISTRICT ENGINEERING OFFICE**

BUILDING AREA/SCOPE OF WORK	QUANTITY	UNIT COST	TOTAL COST
1. Ground Floor (Foundation assumed to be soft)	545 m ²	P 50,000.00	P 27,250,000.00
2. Second Floor	545 m ²	P 45,000.00	P 24,525,000.00
3. Deck Roof	545 m ²	P 25,000.00	P 13,625,000.00
4. Landscaping(at portion of deck roof and exterior perimeter side of the building at ground floor)	1 lot	P 285,000.00	P 285,000.00
	Total Project Cost		P 65,689,000.00
		SAY	P 66M

NOTE: THE ABOVE AMOUNT IS PENDING UPON THE APPROVAL OF THE LETTER FROM THE DEPARTMENT OF BUDGET & MANAGEMENT (DBM) REGARDING THE PARAMETRIC CONSTRUCTION COST IN THE DBM-DPWH JOINT CIRCULAR NO. 1.

BUDGETARY COST ESTIMATE FOR NEW CONSTRUCTION

DESIGN OF STANDARD DPWH REGIONAL OFFICE



FLOOR AREA:

GROUND FLOOR	= 1,984 SQ. M.
SECOND FLOOR	= 1,984 SQ. M.
DECK ROOF FLOOR	= 2,044 SQ. M.
TOTAL FLOOR AREA	= 6,012 SQ. M.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BUREAU OF DESIGN
BUILDINGS DIVISION
BONIFACIO DRIVE PORT AREA, MANILA

PROJECT:
**PROPOSED CONCEPTUAL DESIGN PLAN FOR
STANDARD DPWH-REGIONAL
OFFICE BUILDING**

SHEET CONTENTS:
GROUND FLOOR PLAN

ARCHITECTURAL CONCEPT:
ARCHITECTURAL SECTION
DRAWN: *FG SERRANO*
CHECKED: *FRANCIS G. SERRANO*
INC. ARCHITECT IV

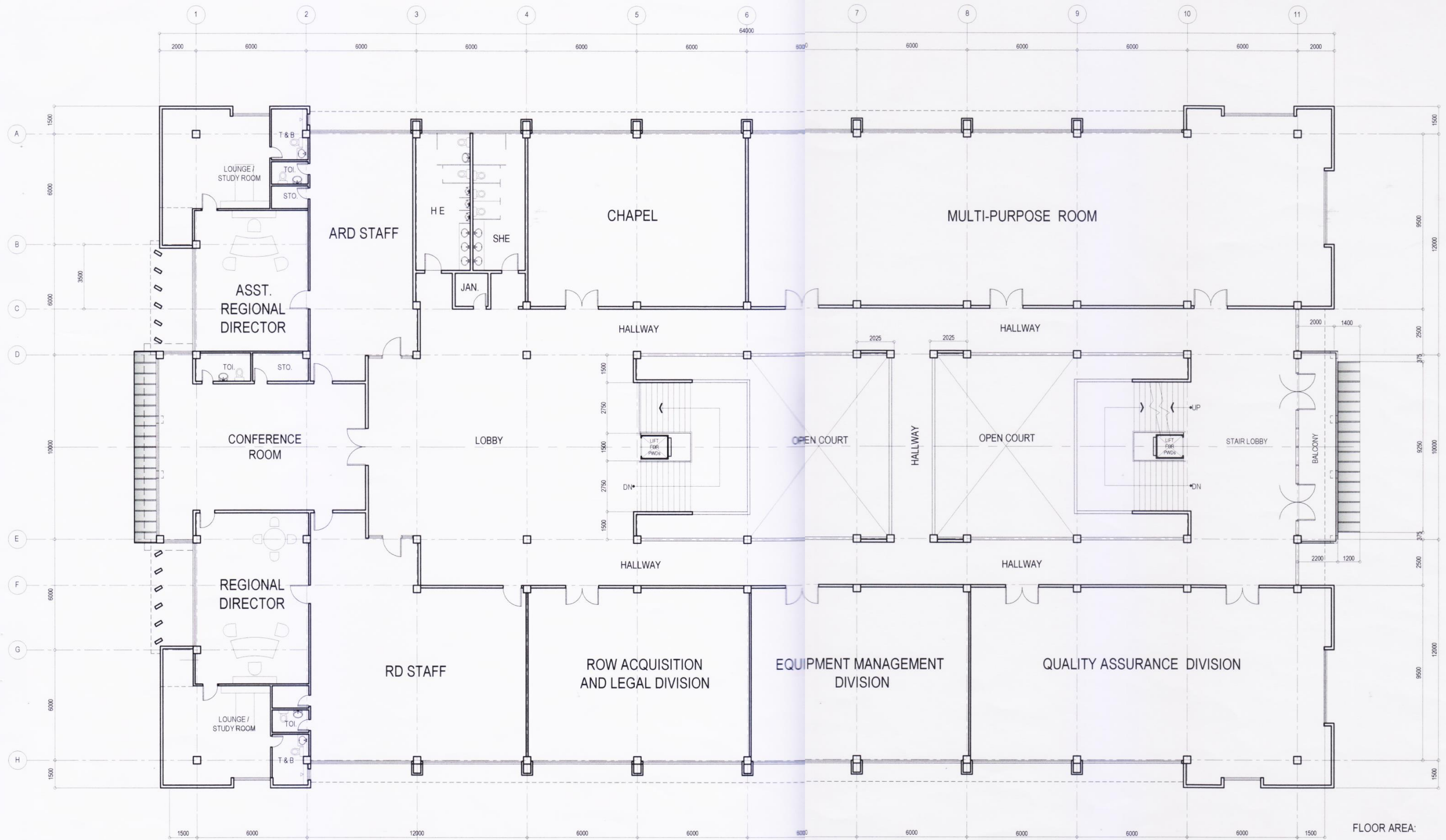
SUBMITTED:
Josephine P. Isturis
JOSEPHINE P. ISTURIS
CHIEF, BUILDINGS DIVISION

RECOMMENDING APPROVAL:
(SEE COVER SHEET FOR APPROVAL)
LEA N. DELFINADO, CESO IV
OFFICER-IN-CHARGE

(SEE COVER SHEET FOR APPROVAL)
GILBERTO S. REYES, CESO IV
ASSISTANT SECRETARY FOR TECHNICAL SERVICES


APPROVED:
(SEE COVER SHEET FOR APPROVAL)
EMIL K. SADAIN, CESO I
UNDERSECRETARY FOR UPMO OPERATIONS
AND TECHNICAL SERVICES

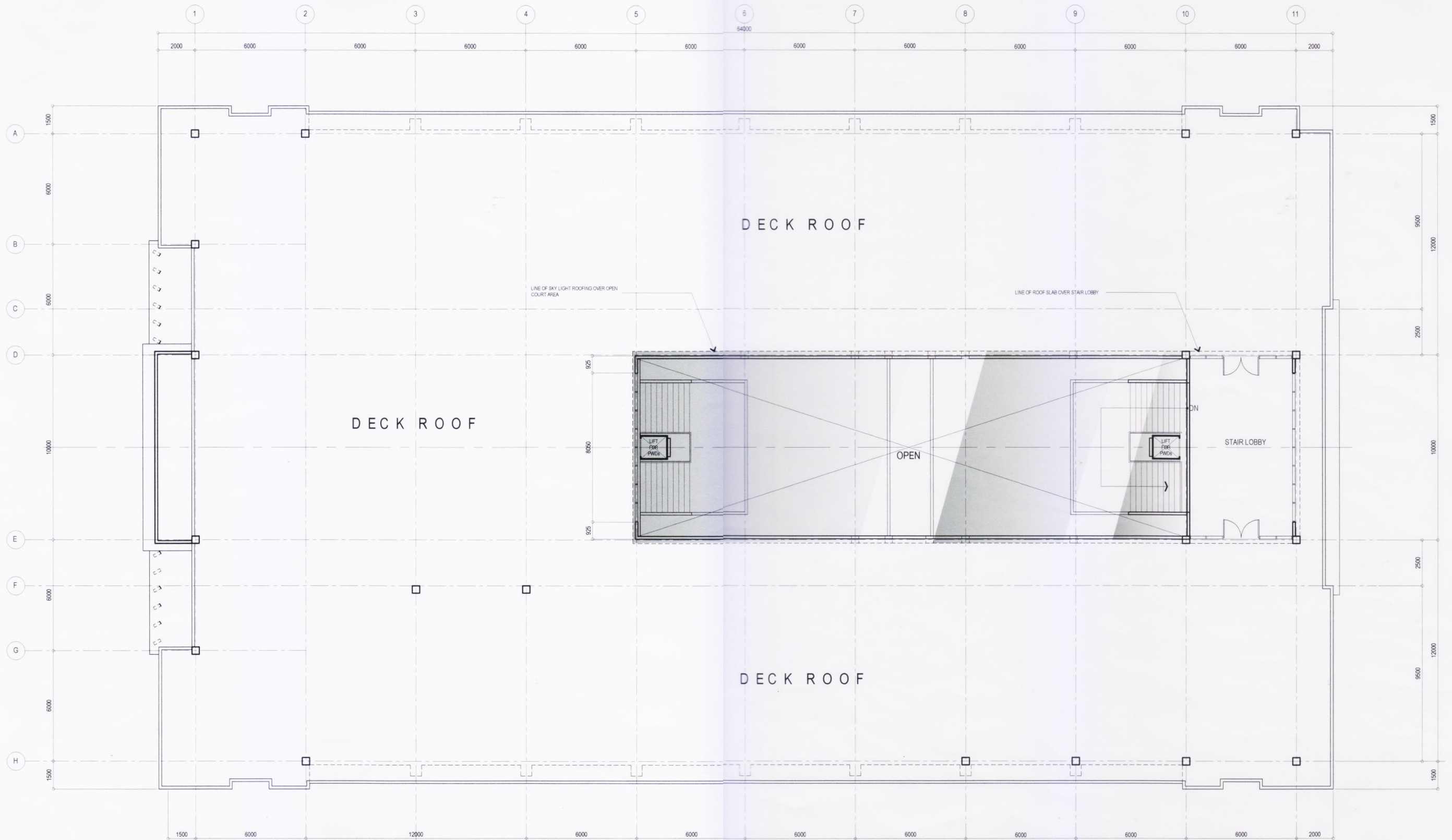
SET NO. SHEET NO.
BOD A-1
B



SECOND FLOOR PLAN
SCALE 1:100

FLOOR AREA:	
GROUND FLOOR	= 1,984 SQ. M.
SECOND FLOOR	= 1,984 SQ. M.
DECK ROOF FLOOR	= 2,044 SQ. M.
TOTAL FLOOR AREA	= 6,012 SQ. M.

 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BUREAU OF DESIGN BUILDINGS DIVISION BONIFACIO DRIVE PORT AREA, MANILA</p>	PROJECT:	SHEET CONTENTS:	ARCHITECTURAL CONCEPT:	SUBMITTED:	RECOMMENDING APPROVAL:	APPROVED:	SET NO.	SHEET NO.		
	<p>PROPOSED CONCEPTUAL DESIGN PLAN FOR STANDARD DPWH-REGIONAL OFFICE BUILDING</p>	<p>SECOND FLOOR PLAN</p>	ARCHITECTURAL SECTION	<p><i>Josephine P. Isturis</i> JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION</p>	<p>(SEE COVER SHEET FOR APPROVAL) LEA N. DELFINADO, CESO IV OFFICER-IN-CHARGE</p>	<p>(SEE COVER SHEET FOR APPROVAL) GILBERTO S. REYES, CESO IV ASSISTANT SECRETARY FOR TECHNICAL SERVICES</p>	<p>(SEE COVER SHEET FOR APPROVAL) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPMO OPERATIONS AND TECHNICAL SERVICES</p>	<p>BOD B</p>	<p>A-2</p>	
			DRAWN:							
			CHECKED:							



DECK ROOF FLOOR PLAN
SCALE 1:100 m

FLOOR AREA:
GROUND FLOOR = 1,984 SQ. M.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BUREAU OF DESIGN
BUILDINGS DIVISION
BONIFACIO DRIVE PORT AREA, MANILA

PROJECT:
PROPOSED CONCEPTUAL DESIGN PLAN FOR
**STANDARD DPWH-REGIONAL
OFFICE BUILDING**

SHEET CONTENTS:
DECK ROOF FLOOR PLAN

ARCHITECTURAL CONCEPT:
ARCHITECTURAL SECTION
DRAWN: **FGSERRANO**
CHECKED: **FRANCIS G. SERRANO**

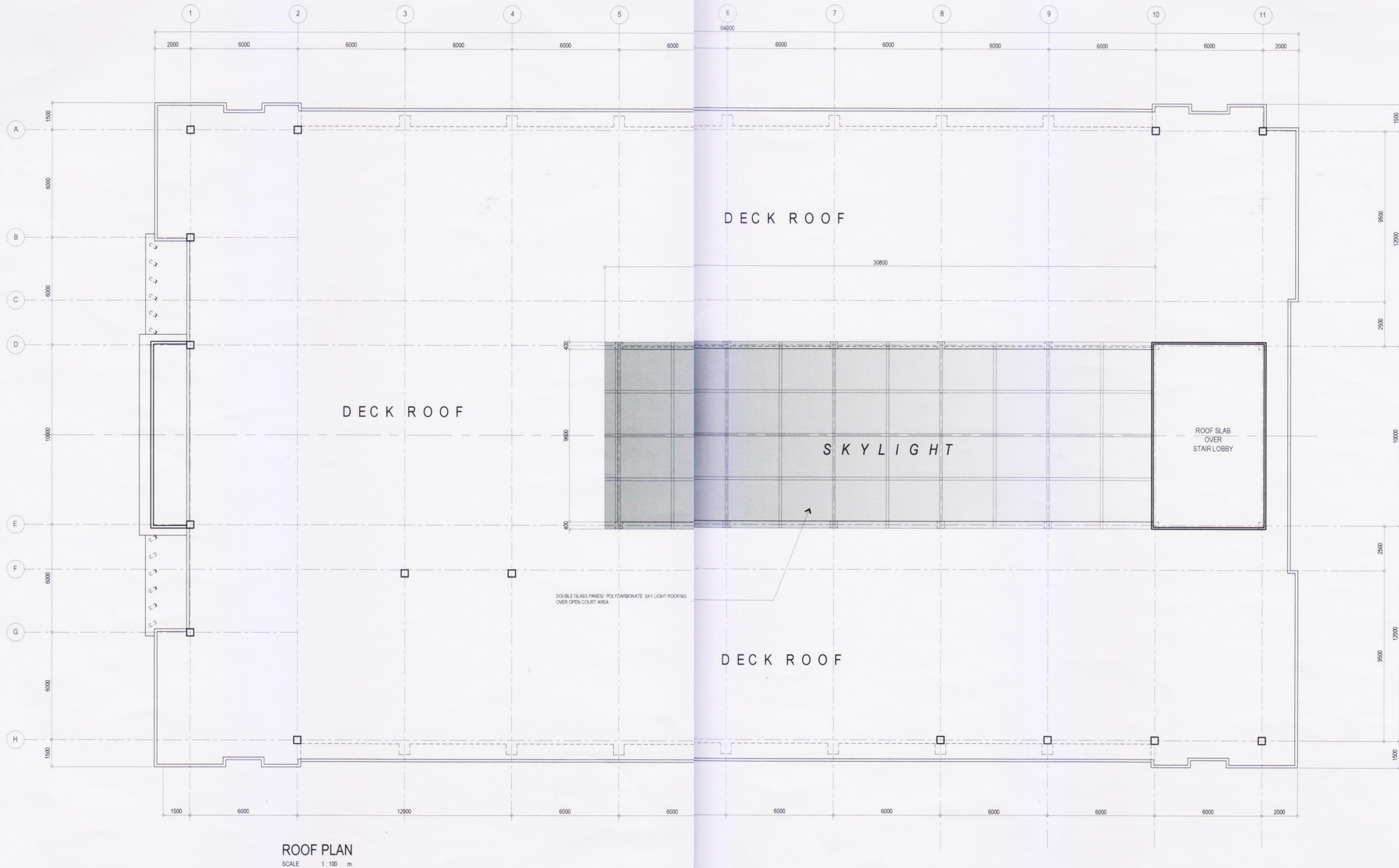
SUBMITTED: *[Signature]*
JOSEPHINE P. ISTURIS
CHIEF, BUILDINGS DIVISION

RECOMMENDING APPROVAL:
(SEE COVER SHEET FOR APPROVAL)
LEA N. DELFINADO, CESO IV
OFFICER-IN-CHARGE

(SEE COVER SHEET FOR APPROVAL)
GILBERTO S. REYES, CESO IV
ASSISTANT SECRETARY FOR TECHNICAL SERVICES

APPROVED:
(SEE COVER SHEET FOR APPROVAL)
EMIL K. SADAIN, CESO I
UNDERSECRETARY FOR UPDO OPERATIONS
AND TECHNICAL SERVICES

SET NO. **BOD**
SHEET NO. **A-3**



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
BUREAU OF DESIGN
BUILDINGS DIVISION

BONIFACIO DRIVE

PORT AREA, MANILA

PROJECT:

PROPOSED CONCEPTUAL DESIGN PLAN FOR
STANDARD DPWH-REGIONAL
OFFICE BUILDING

SHEET CONTENTS:

ROOF PLAN

ARCHITECTURAL CONCEPT:

ARCHITECTURAL SECTION

DRAWN:

F. SERRANO

DIC. ARCHITECT IV

CHECKED:

FRANCIS G. SERRANO

DIC. ARCHITECT IV

SUBMITTED:

JOSEPHINE P. ISTURIS
CHIEF, BUILDINGS DIVISION

RECOMMENDING APPROVAL:

(SEE COVER SHEET FOR APPROVAL)

LEA N. DELFINADO, CESO IV
OFFICER-IN-CHARGE

APPROVED:

(SEE COVER SHEET FOR APPROVAL)

EMIL K. SADAIN, CESO I
UNDERSECRETARY FOR UPMO OPERATIONS
AND TECHNICAL SERVICES

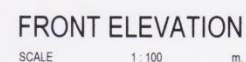
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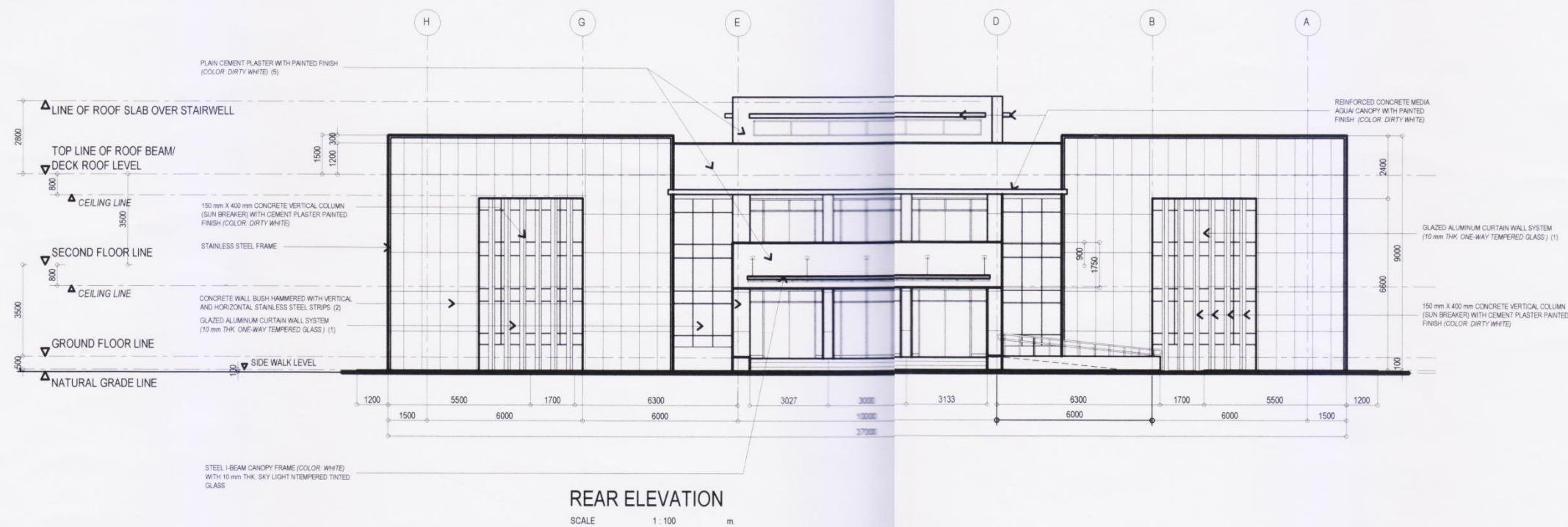
BOD


B

SHEET NO.

A-4





 <p>REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS BUREAU OF DESIGN BUILDINGS DIVISION BONIFACIO DRIVE PORT AREA, MANILA</p>	<p>PROJECT: PROPOSED CONCEPTUAL DESIGN PLAN FOR STANDARD DPWH-REGIONAL OFFICE BUILDING</p>	<p>SHEET CONTENTS: REAR ELEVATION</p>	<p>ARCHITECTURAL CONCEPT: ARCHITECTURAL SECTION DRAWN: <i>[Signature]</i> CHECKED: <i>[Signature]</i> FRANCIS G. SERRANO OIC, ARCHITECT IV</p>	<p>SUBMITTED: <i>[Signature]</i> JOSEPHINE P. ISTURIS CHIEF, BUILDINGS DIVISION</p>	<p>RECOMMENDING APPROVAL: (SEE COVER SHEET FOR APPROVAL) LEA N. DELFINADO, CESO IV OFFICER-IN-CHARGE</p>	<p>(SEE COVER SHEET FOR APPROVAL) GILBERTO S. REYES, CESO IV ASSISTANT SECRETARY FOR TECHNICAL SERVICES</p>	<p>APPROVED: (SEE COVER SHEET FOR APPROVAL) EMIL K. SADAIN, CESO I UNDERSECRETARY FOR UPMO OPERATIONS AND TECHNICAL SERVICES</p>	<p>SET NO. BOD B</p>	<p>SHEET NO. A-6</p>
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AERIAL VIEW



VIEW OF ROOF DECK

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH

6. SOLAR PANEL
7. ALUMINUM HORIZONTAL LOUVERS



FRONT - LEFT SIDE VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH

6. SOLAR PANEL
7. ALUMINUM HORIZONTAL LOUVERS



LEFT SIDE VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH

6. SOLAR PANEL
7. ALUMINUM HORIZONTAL LOUVERS



REAR - LEFT SIDE VIEW

1. GLAZED ALUM. CURTAIN WALL SYSTEM (10mm THK. ONE-WAY TEMPERED GLASS)
2. CONCRETE WALL (BUSH HAMMERED FINISH)
3. CONCRETE VERTICAL SUNBREAKERS
4. BRASS METAL CUT OUTS
5. PAINTED FINISH

6. SOLAR PANEL
7. ALUMINUM HORIZONTAL LOUVERS



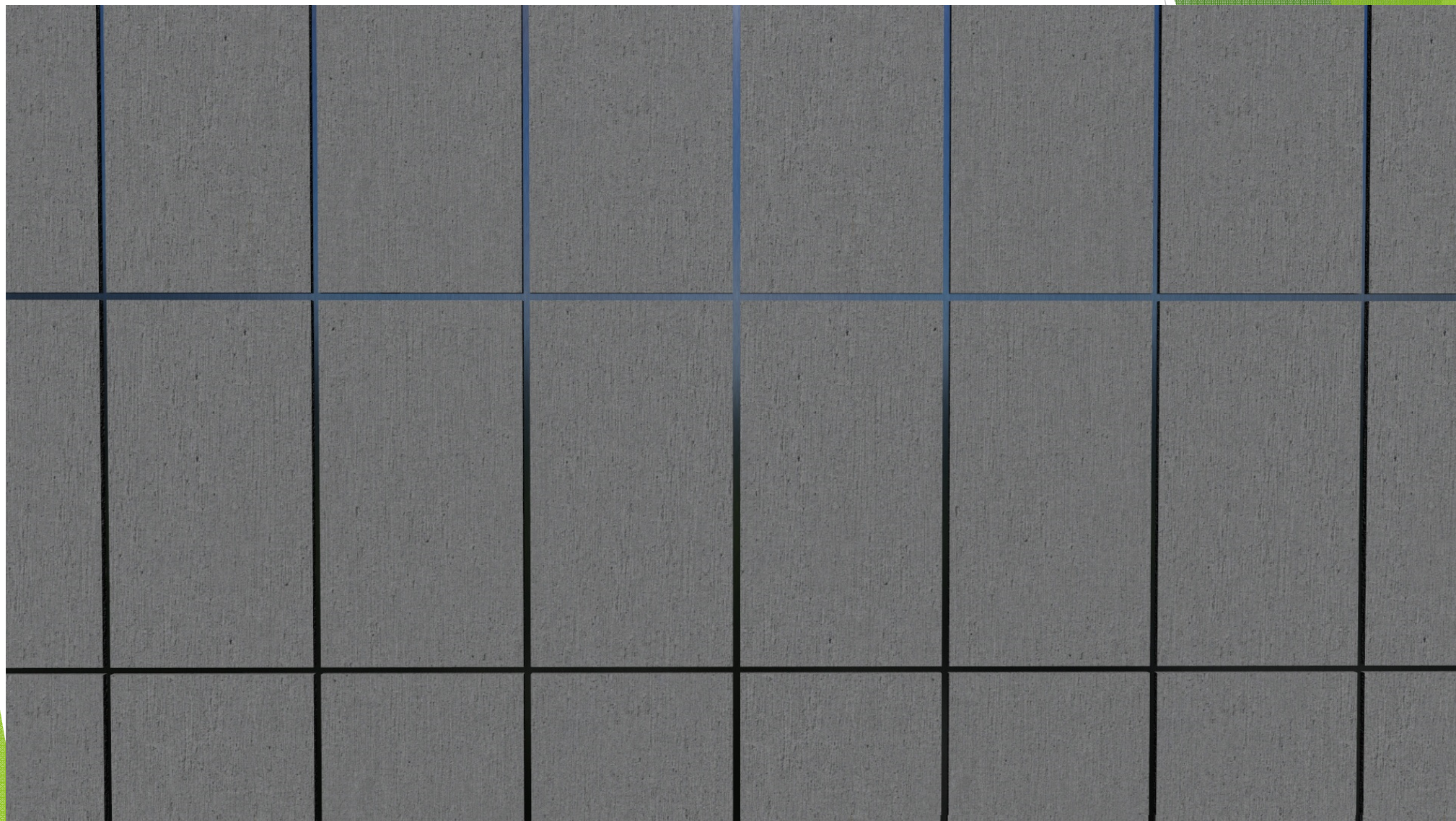
REAR - RIGHT SIDE VIEW



STREET VIEW



STREET VIEW



BUSH HAMMERED FINISH

BUILDING AREA/SCOPE OF WORK	QUANTITY	UNIT COST	TOTAL COST
1. Ground Floor (Foundation assumed to be soft)	1,984 m ²	P 50,000.00	P 99,200,000.00
2. Second Floor	1,994 m ²	P 45,000.00	P 89,730,000.00
3. Deck Roof	2,044 m ²	P 25,000.00	P 51,100,000.00
4. Roofing (Double Glass Panels Poly Carbonate Skylight roofing)	300 m ²	P 15,000.00	P 4,500,000.00
5. Landscaping(at portion of deck roof, exterior perimeter side of the building and interior open court at ground floor.)	1 lot	P 423,000.00	P 423,000.00
	Total Project Cost		P 244,953,000.00
		SAY	P 245M

NOTE: THE ABOVE AMOUNT IS PENDING UPON THE APPROVAL OF THE LETTER FROM THE DEPARTMENT OF BUDGET & MANAGEMENT (DBM) REGARDING THE PARAMETRIC CONSTRUCTION COST IN THE DBM-DPWH JOINT CIRCULAR NO. 1.

BUDGETARY COST ESTIMATE