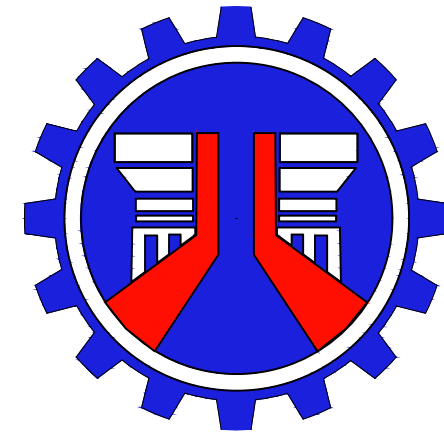




REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS & HIGHWAYS
NATIONAL CAPITAL REGION
METRO MANILA 1st DISTRICT ENGINEERING OFFICE
WEST BANK ROAD, MANGGAHAN FLOODWAY
ROSARIO, PASIG CITY

C.Y. 2025 PROJECT
DETAILED ENGINEERING DESIGN PLAN FOR
**CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR BUILDING,
CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY, PHASE II**

LOCATION : LOWER BICUTAN, TAGUIG CITY

TOTAL FLOOR AREA: 791.93 sqm.

SUBMITTED:

ELINO V. CASTRO
CHIEF, PLANNING AND DESIGN SECTION

DATE :

RECOMMENDED:

EDUARDO B. DEL ROSARIO
OIC, ASSISTANT DISTRICT ENGINEER

DATE :

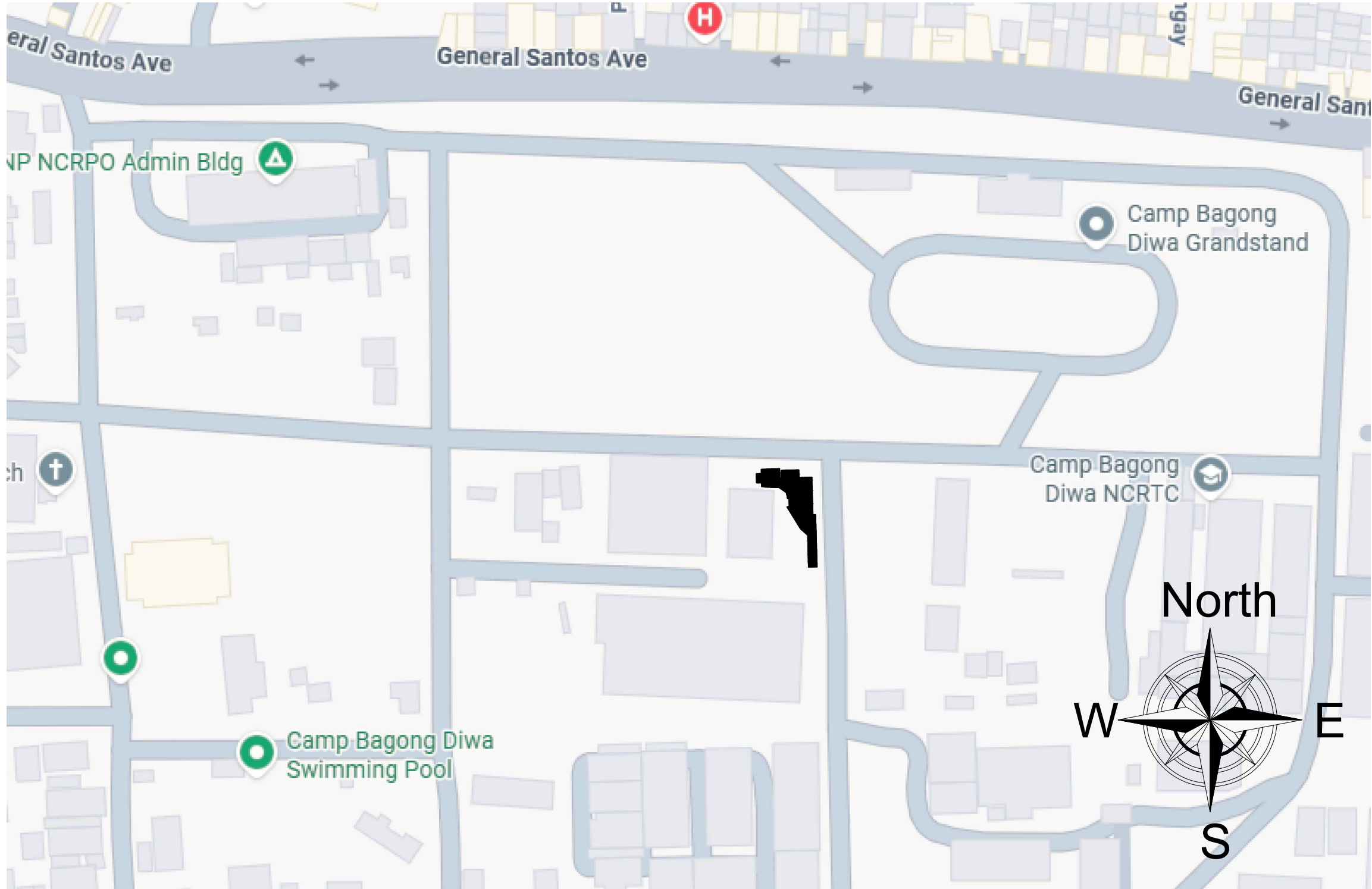
APPROVED:

ARISTOTLE B. RAMOS
DISTRICT ENGINEER

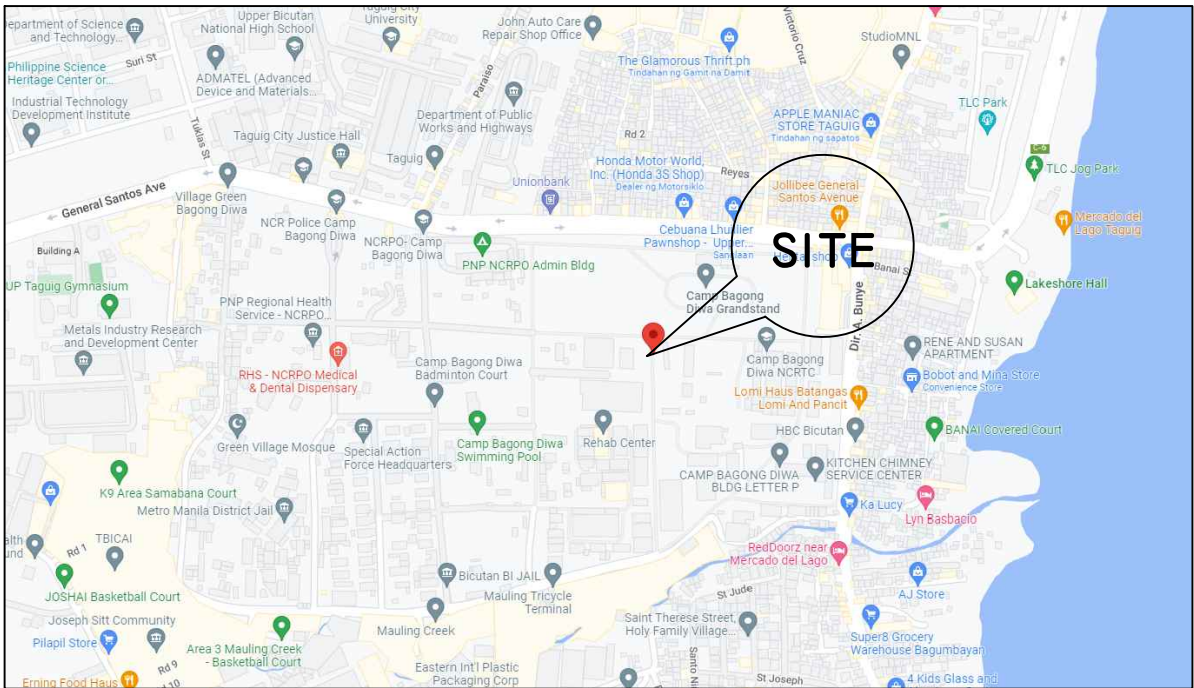
DATE:



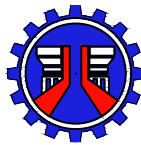
1
A-01
PERSPECTIVE
SCALE
NTS



3
A-01
SITE DEVELOPMENT PLAN
SCALE
NTS



2
A-01
VICINITY / LOCATION MAP
SCALE
NTS



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
NATIONAL CAPITAL REGION
METRO MANILA FIRST DISTRICT ENGINEERING OFFICE
WEST BANK ROAD, MANGGAHAN FLOODWAY
ROSARIO, PASIG CITY

PROJECT NAME AND LOCATION:

CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR
BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY,
PHASE II

SHEET CONTENTS:

PERSPECTIVE & LOCATION MAP

DRAFTED:
JEANY B. TORNO
ENGINEER II

PREPARED:
CRISTINA L. JOSE
ARCHITECT II

REVIEWED:
MARY JESSICA P. HONRADE
ENGINEER II
DATE:

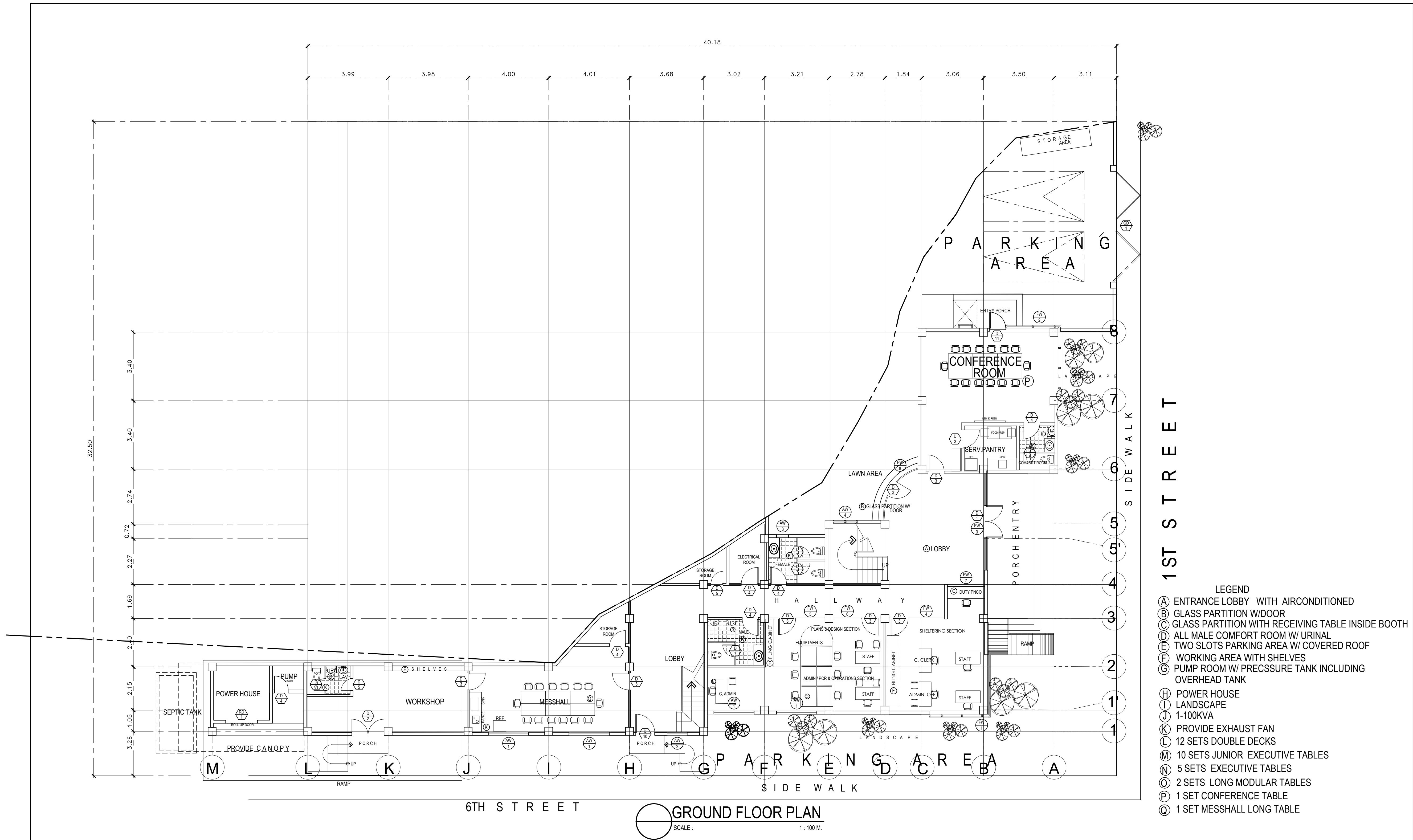
SUBMITTED:
ELINO V. CASTRO
CHIEF, PLANNING AND DESIGN SECTION
DATE:

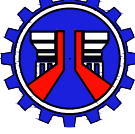
RECOMMENDED:
EDUARDO B. DEL ROSARIO
OIC - ASSISTANT DISTRICT ENGINEER
DATE:

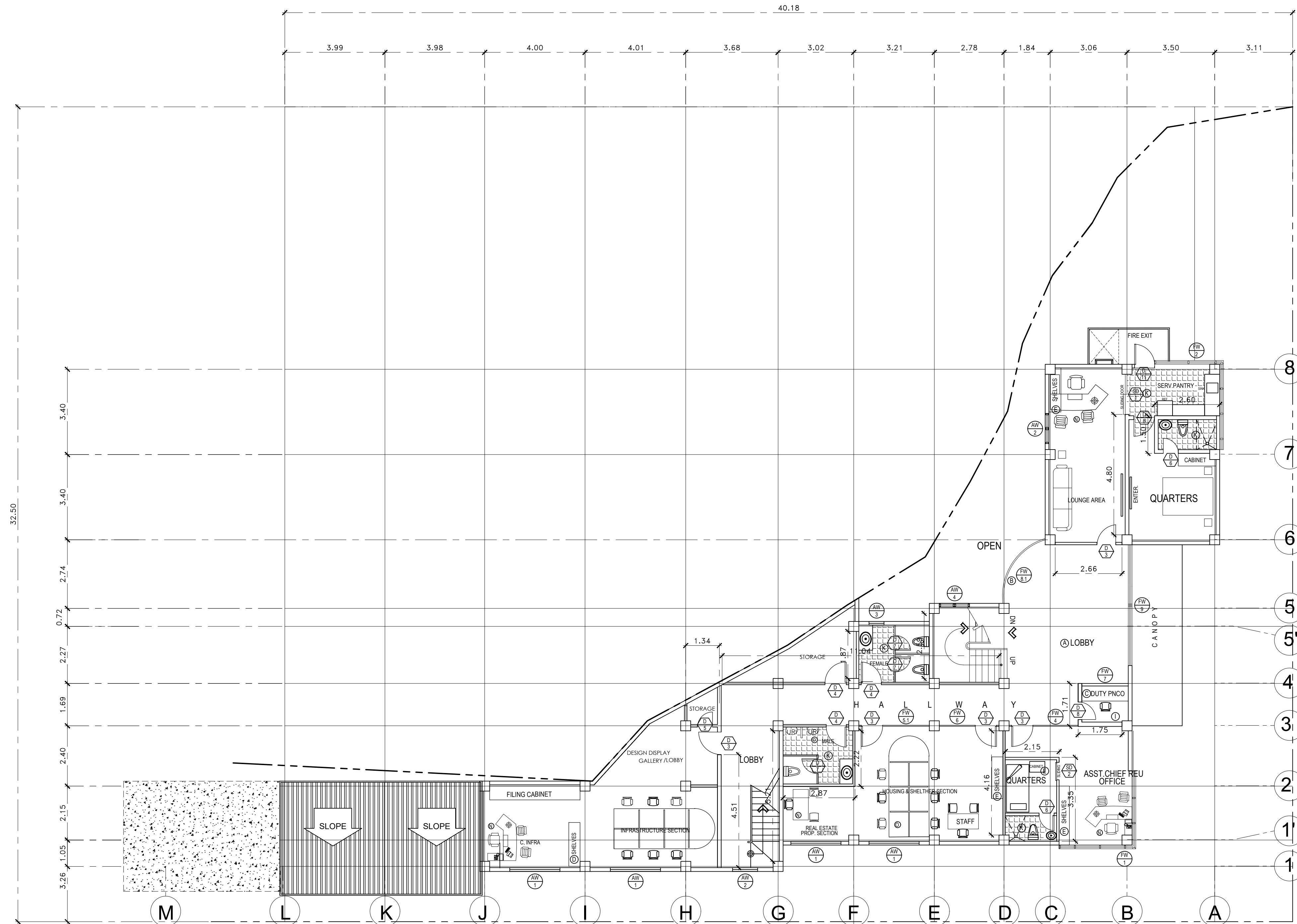
APPROVED:
ARISTOTLE B. RAMOS
DISTRICT ENGINEER
DATE:

SET NO.
A-01

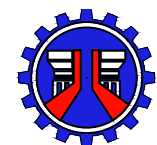
SHEET NO.
02
30



 DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS NATIONAL CAPITAL REGION METRO MANILA FIRST DISTRICT ENGINEERING OFFICE WEST BANK ROAD, MANGGAHAN FLOODWAY ROSARIO, PASIG CITY	PROJECT NAME AND LOCATION: CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY, PHASE II	SHEET CONTENTS: PERSPECTIVE & LOCATION MAP	DRAFTED: JEANY B. TORNO ENGINEER II	REVIEWED: MARY JESSICA P. HONRADE ENGINEER II	SUBMITTED: ELINO V. CASTRO CHIEF, PLANNING AND DESIGN SECTION	RECOMMENDED: EDUARDO B. DEL ROSARIO OIC - ASSISTANT DISTRICT ENGINEER	APPROVED: ARISTOTLE B. RAMOS DISTRICT ENGINEER	SET NO. A-00	SHEET NO. A-013 30
			PREPARED: CRISTINA L. JOSE ARCHITECT II	DATE:	DATE:	DATE:	DATE:		



SECOND FLOOR PLAN
SCALE : 1 : 100 M.



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
NATIONAL CAPITAL REGION
METRO MANILA FIRST DISTRICT ENGINEERING OFFICE
WEST BANK ROAD, MANGGAHAN FLOODWAY
ROSARIO, PASIG CITY

PROJECT NAME AND LOCATION:
**CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR
BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY,
PHASE II**

SHEET CONTENTS:
PERSPECTIVE & LOCATION MAP

DRAFTED:
JEANY B. TORNO
ENGINEER II
PREPARED:
CRISTINA L. JOSE
ARCHITECT II

REVIEWED:
MARY JESSICA P. HONRADE
ENGINEER II
DATE:

SUBMITTED:
ELINO V. CASTRO
CHIEF, PLANNING AND DESIGN SECTION
DATE:

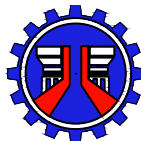
RECOMMENDED:
EDUARDO B. DEL ROSARIO
OIC - ASSISTANT DISTRICT ENGINEER
DATE:

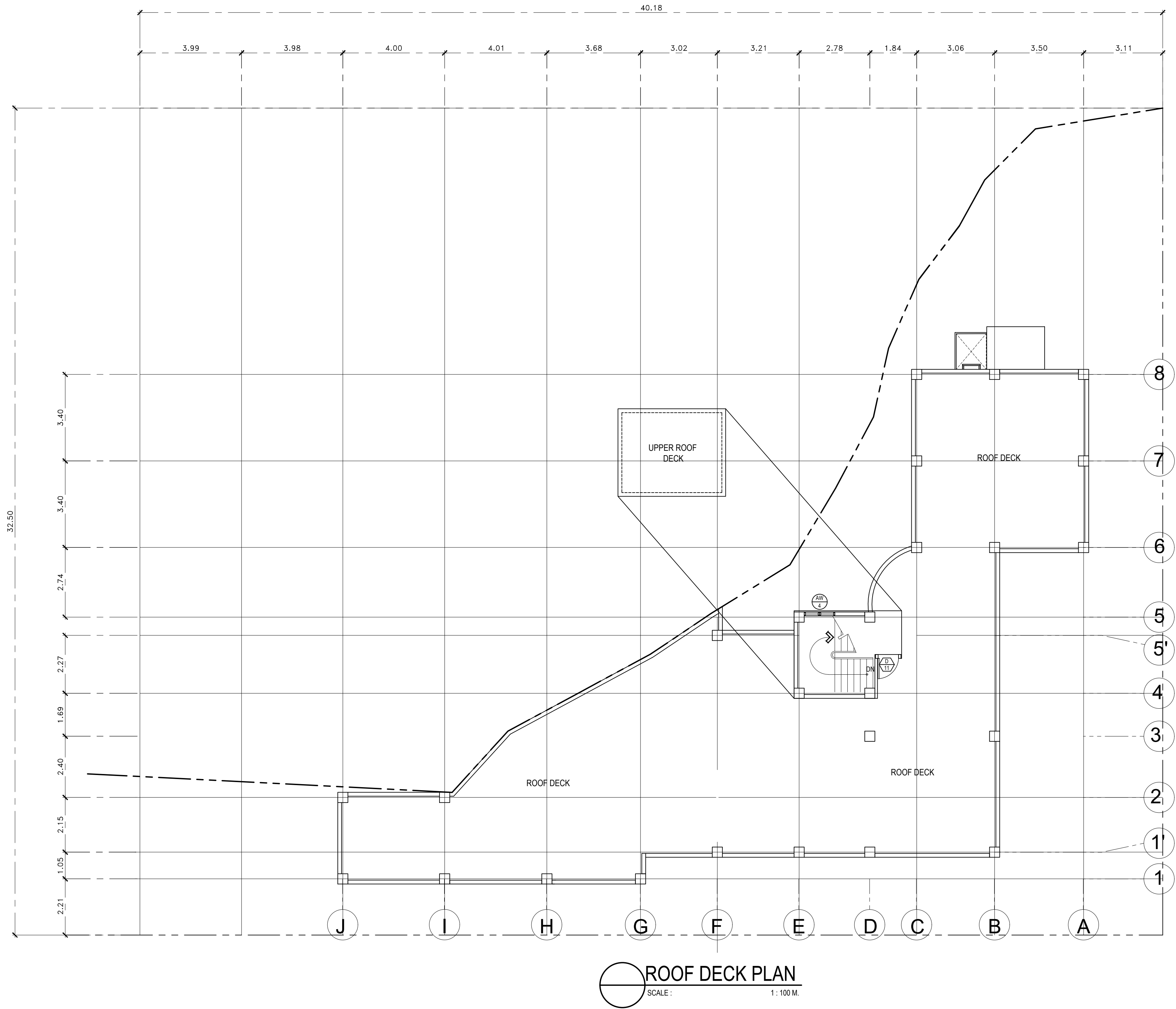
APPROVED:
ARISTOTLE B. RAMOS
DISTRICT ENGINEER
DATE:

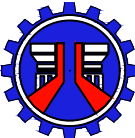
SET NO.
A-00

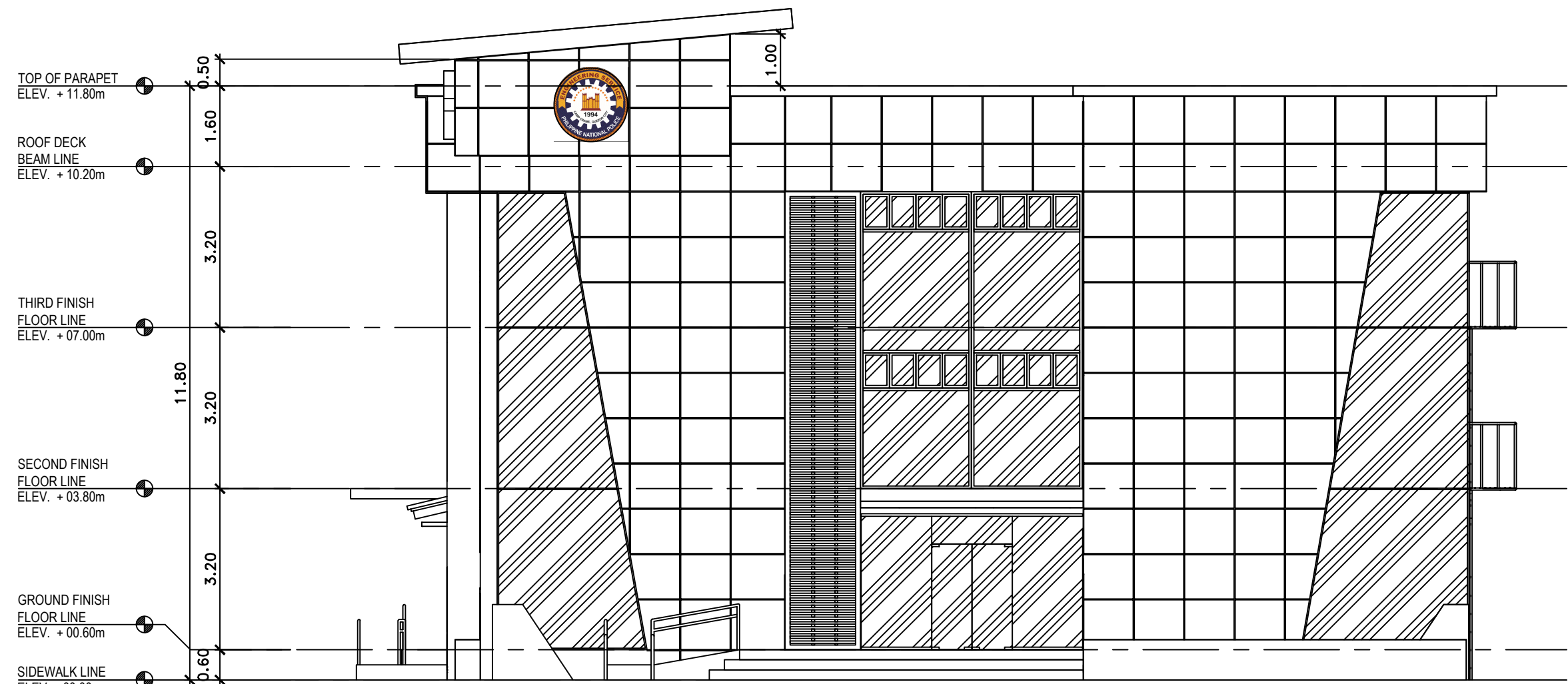
SHEET NO.
**01
30**



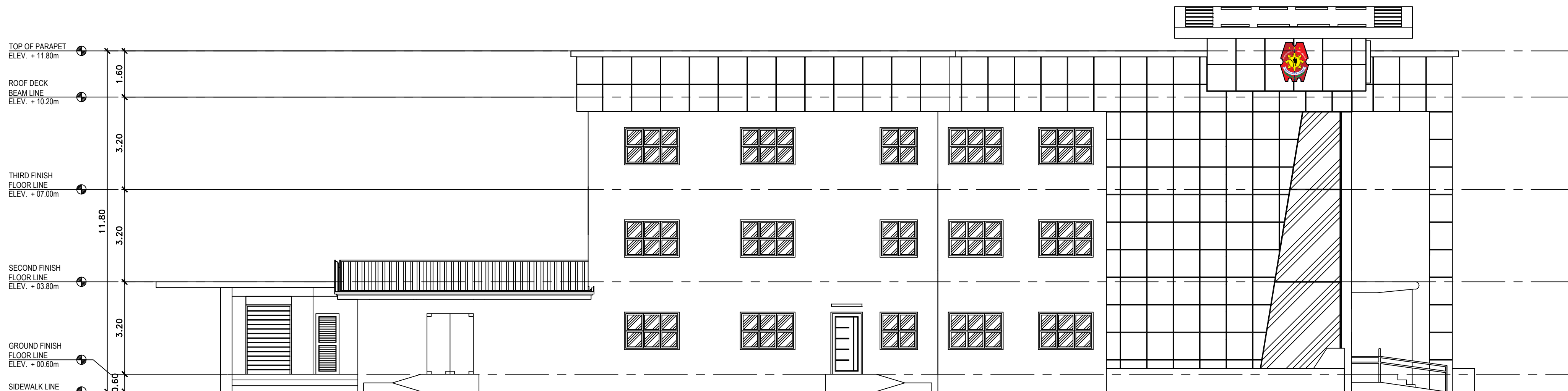
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS NATIONAL CAPITAL REGION METRO MANILA FIRST DISTRICT ENGINEERING OFFICE WEST BANK ROAD, MANGGAHAN FLOODWAY ROSARIO, PASIG CITY	PROJECT NAME AND LOCATION:	SHEET CONTENTS:	DRAFTED:	REVIEWED:	SUBMITTED:	RECOMMENDED:	APPROVED:	SET NO.	SHEET NO.
	CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY, PHASE II	PERSPECTIVE & LOCATION MAP	JEANY B. TORNO ENGINEER II PREPARED: CRISTINA L. JOSE ARCHITECT II	MARY JESSICA P. HONRADE ENGINEER II DATE:	ELINO V. CASTRO CHIEF, PLANNING AND DESIGN SECTION DATE:	EDUARDO B. DEL ROSARIO OIC - ASSISTANT DISTRICT ENGINEER DATE:	ARISTOTLE B. RAMOS DISTRICT ENGINEER DATE:	A-00	01 30



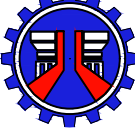
 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS NATIONAL CAPITAL REGION METRO MANILA FIRST DISTRICT ENGINEERING OFFICE WEST BANK ROAD, MANGGAHAN FLOODWAY ROSARIO, PASIG CITY	PROJECT NAME AND LOCATION: CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY, PHASE II	SHEET CONTENTS: PERSPECTIVE & LOCATION MAP	DRAFTED: JEANY B. TORNO ENGINEER II	REVIEWED: MARY JESSICA P. HONRADE ENGINEER II DATE:	SUBMITTED: ELINO V. CASTRO CHIEF, PLANNING AND DESIGN SECTION DATE:	RECOMMENDED: EDUARDO B. DEL ROSARIO OIC - ASSISTANT DISTRICT ENGINEER DATE:	APPROVED: ARISTOTLE B. RAMOS DISTRICT ENGINEER DATE:	SET NO. A-00	SHEET NO. 01 30
			PREPARED: CRISTINA L. JOSE ARCHITECT II						



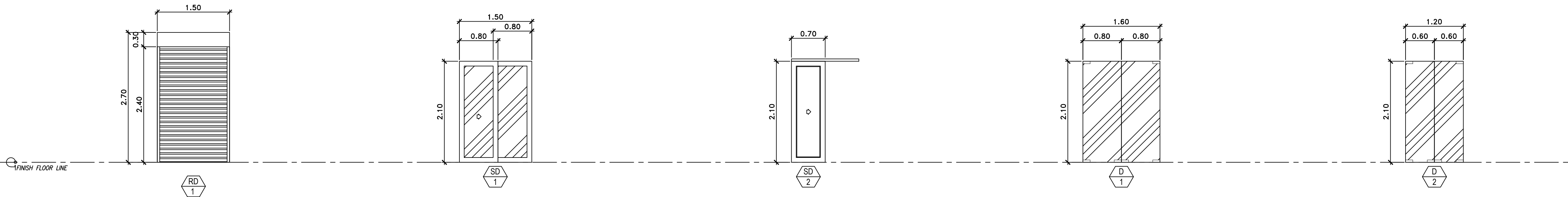
FRONT ELEVATION
SCALE : 1 : 100 M.



LEFT SIDE ELEVATION
SCALE : 1 : 100 M.

 REPUBLIC OF THE PHILIPPINES DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS NATIONAL CAPITAL REGION METRO MANILA FIRST DISTRICT ENGINEERING OFFICE WEST BANK ROAD, MANGGAHAN FLOODWAY ROSARIO, PASIG CITY	PROJECT NAME AND LOCATION: CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY, PHASE II	SHEET CONTENTS: PERSPECTIVE & LOCATION MAP	DRAFTED: JEANY B. TORNOR ENGINEER II	REVIEWED: MARY JESSICA P. HONRADE ENGINEER II	SUBMITTED: ELINO V. CASTRO CHIEF, PLANNING AND DESIGN SECTION	RECOMMENDED: EDUARDO B. DEL ROSARIO OIC - ASSISTANT DISTRICT ENGINEER	APPROVED: ARISTOTLE B. RAMOS DISTRICT ENGINEER	SET NO. A-00	SHEET NO. 01 30
			PREPARED: CRISTINA L. JOSE ARCHITECT II	DATE:	DATE:	DATE:	DATE:		

SCHEDULE OF DOORS
SCALE 1:50M



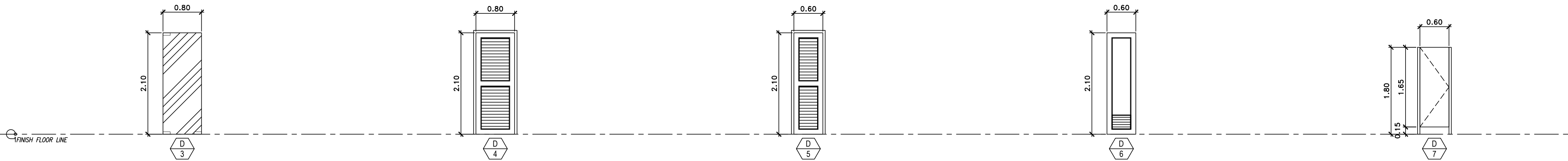
TYPE	ROLL-UP DOOR
SIZE (W X H)	1500mm X 2400mm
LOCATION	POWER HOUSE
MATERIAL	GA 18 GALVANIZED ALUMINUM MANUAL OPERATED ROLL-UP DOOR
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	1

TYPE	DOUBLE PANEL SLIDING DOOR
SIZE (W X H)	1500mm X 2100mm
LOCATION	SERV. PANTRY
MATERIAL	6mm THK. CLEAR GLASS ON 50mm THK SOLID WOOD (TANGUILE)
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	1

TYPE	SINGLE PANEL SLIDING DOOR
SIZE (W X H)	700mm X 2100mm
LOCATION	ASST. CHIEF REU QUARTER
MATERIAL	50mm THK SOLID WOOD (TANGUILE)
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	1

TYPE	DOUBLE LEAF DOUBLE SWING GLASS DOOR
SIZE (W X H)	1600mm X 2100mm
LOCATION	ENTRANCE LOBBY
MATERIAL	6mm THK. TEMPERED CLEAR GLASS ON PATCH FITTING
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	1

TYPE	DOUBLE LEAF DOUBLE SWING GLASS DOOR
SIZE (W X H)	1200mm X 2100mm
LOCATION	WORKSHOP
MATERIAL	6mm THK. TEMPERED CLEAR GLASS ON PATCH FITTING
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	1



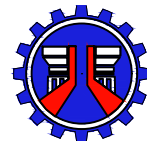
TYPE	DOUBLE LEAF SINGLE SWING GLASS DOOR
SIZE (W X H)	800mm X 2100mm
LOCATION	MESSHALL, PANTRY, LOBBY, OFFICES, CONFERENCE & MULTI-PURPOSE HALL
MATERIAL	6mm THK. TEMPERED CLEAR GLASS ON PATCH FITTING
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	15

TYPE	SINGLE SWING LOUVER DOOR
SIZE (W X H)	800mm X 2100mm
LOCATION	COMFORT ROOM, EE RM, PUMP ROOM & STORAGE
MATERIAL	50mm THK WOOD (TANGUILE) WITH LOUVERS
JAMB	STANDARD WOOD JAMB
NO. OF SET/S	13

TYPE	SINGLE SWING LOUVER DOOR
SIZE (W X H)	600mm X 2100mm
LOCATION	COMFORT ROOM & STORAGE
MATERIAL	50mm THK WOOD (TANGUILE) WITH LOUVERS
JAMB	STANDARD WOOD JAMB
NO. OF SET/S	4

TYPE	SINGLE SWING PVC DOOR WITH LOUVER
SIZE (W X H)	600mm X 2100mm
LOCATION	COMFORT ROOM
MATERIAL	PVC
JAMB	PVC
NO. OF SET/S	3

TYPE	SINGLE SWING FLUSH TYPE CUBICLE DOORS
SIZE (W X H)	600mm X 2100mm
LOCATION	COMFORT ROOM CUBICLE
MATERIAL	3/4" MARINE PLYWOOD WITH SOLID WOOD DOOR FRAME IN DUCCO PAINTED FINISH
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	13



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
NATIONAL CAPITAL REGION
METRO MANILA FIRST DISTRICT ENGINEERING OFFICE
WEST BANK ROAD, MANGGAHAN FLOODWAY
ROSARIO, PASIG CITY

PROJECT NAME AND LOCATION:
CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY, PHASE II

SHEET CONTENTS:
PERSPECTIVE & LOCATION MAP

DRAFTED:
JEANY B. TORNO
ENGINEER II
PREPARED:
CRISTINA L. JOSE
ARCHITECT II

REVIEWED:
MARY JESSICA P. HONRADE
ENGINEER II
DATE:

SUBMITTED:
ELINO V. CASTRO
CHIEF, PLANNING AND DESIGN SECTION
DATE:

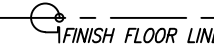
RECOMMENDED:
EDUARDO B. DEL ROSARIO
OIC - ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:
ARISTOTLE B. RAMOS
DISTRICT ENGINEER
DATE:

SET NO.
A-00

SHEET NO.
01
30

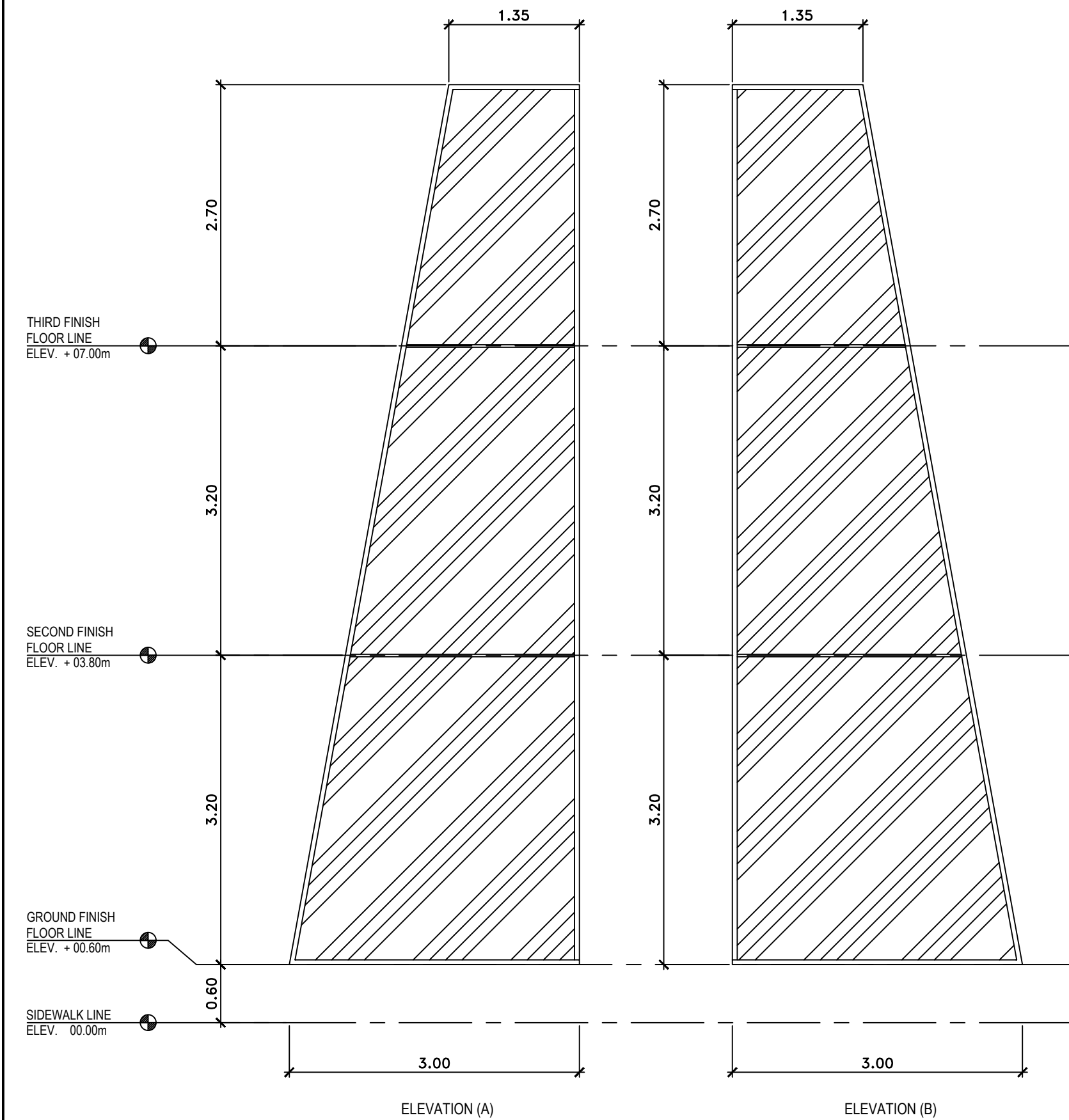
SCALE 1:50M



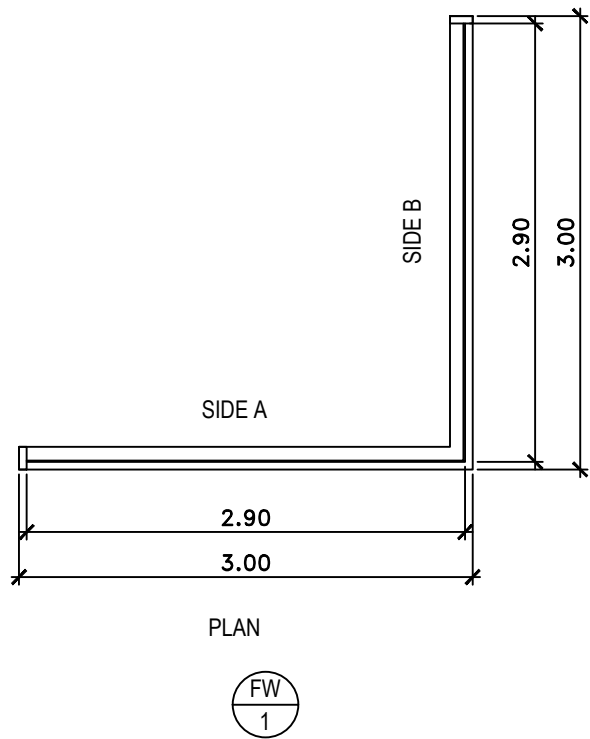
TYPE	ACCORDION GRILL DOOR
SIZE (W X H)	5500mm X 2100mm
LOCATION	PARKING AREA
MATERIAL	50mm X 100mm MAIN TUBULAR STEEL FRAME 50MM X 50MM TUBULAR STEEL ACCENT POWDER COAT FIN. CHARCOAL GRAY OR BLACK
JAMB	MANUFACTURER'S SPECIFICATION
NO. OF SET/S	1

SCHEDULE OF WINDOWS

SCALE 1:50M



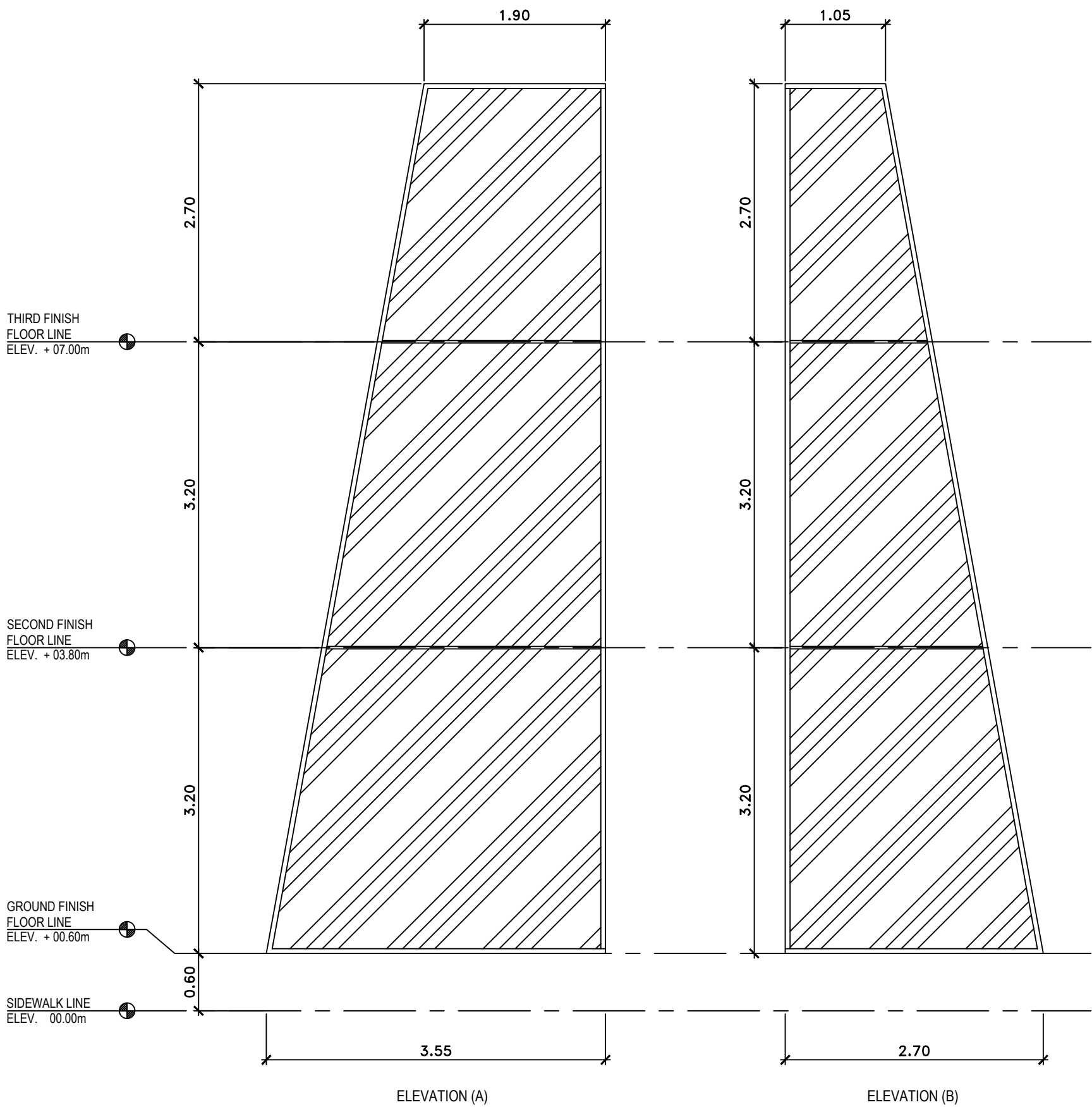
ELEVATION (A) ELEVATION (B)



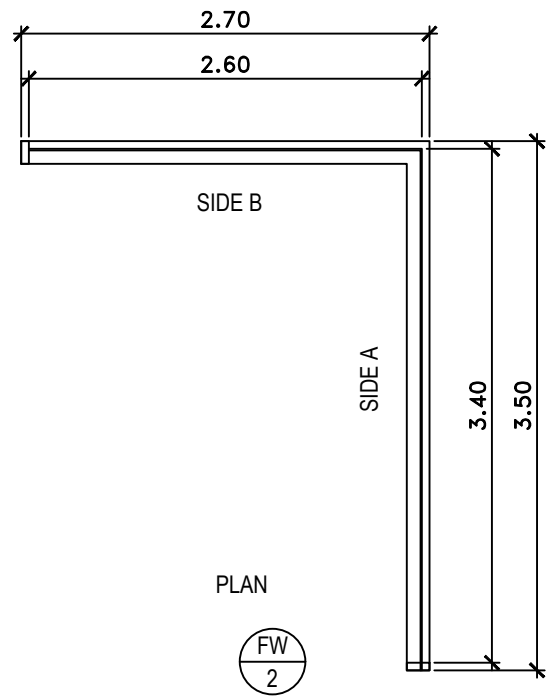
PLAN

FW 1

TYPE	FIXED WINDOW
SIZE (W X H)	SEE DRAWING DETAIL
LOCATION	GROUND TO THIRD FLOOR
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	1



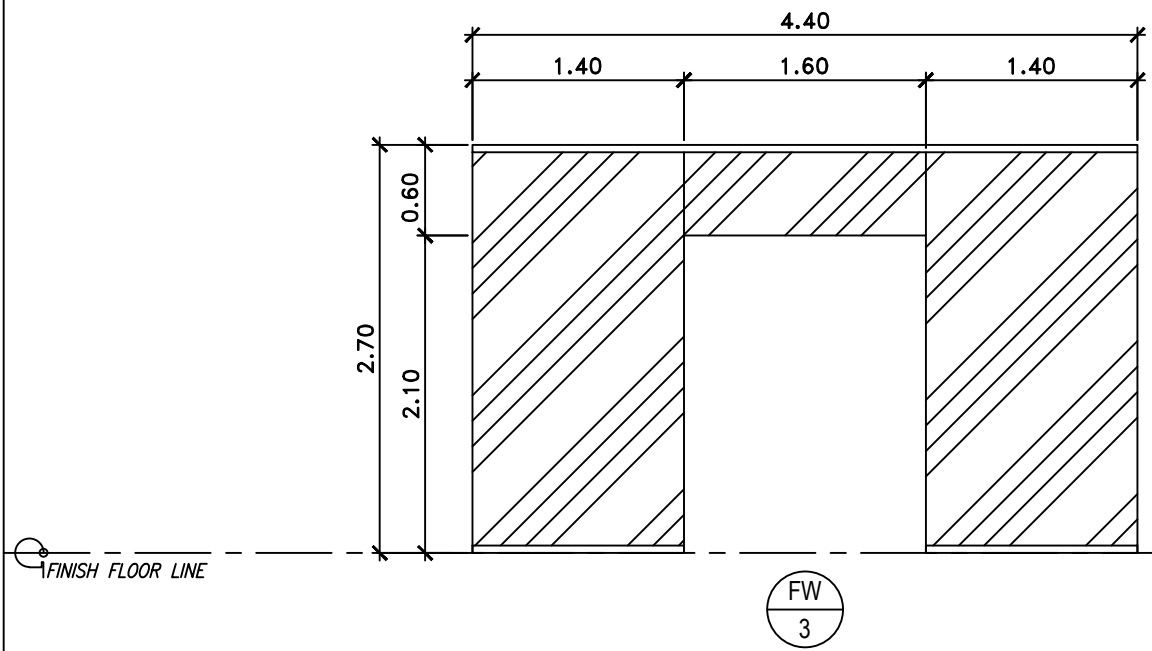
ELEVATION (A) ELEVATION (B)



PLAN

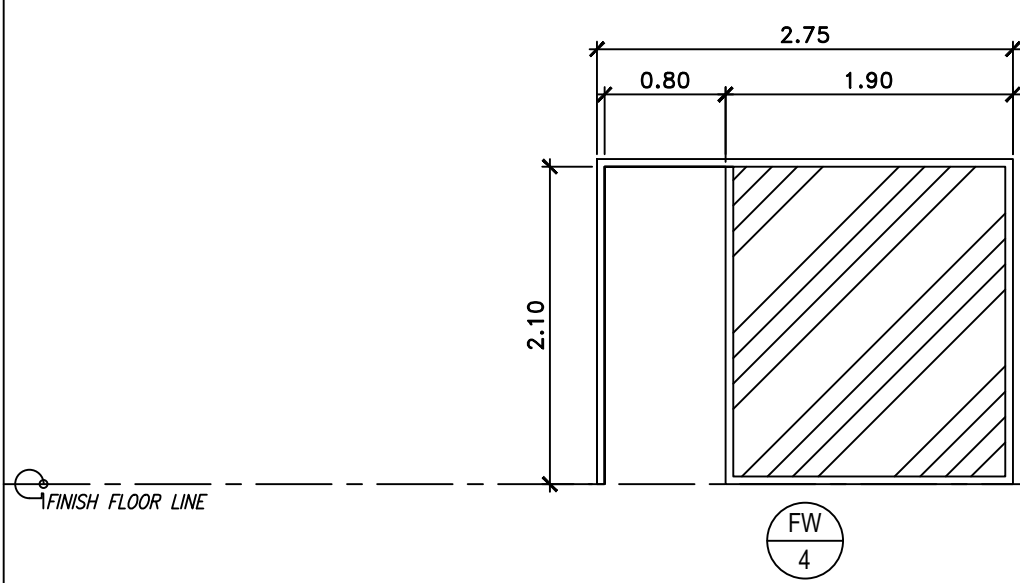
FW 2

TYPE	FIXED WINDOW
SIZE (W X H)	SEE DRAWING DETAIL
LOCATION	GROUND TO THIRD FLOOR
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	1



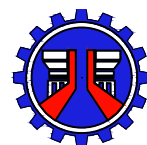
FW 3

TYPE	FIXED WINDOW WITH D1
SIZE (W X H)	4400mm X 2400mm
LOCATION	LOBBY ENTRANCE
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	1



FW 4

TYPE	FIXED WINDOW WITH D3
SIZE (W X H)	2750mm X 2100mm
LOCATION	SHELTERING SECTION AND ASSISTANT CHIEF REU OFFICE
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	2



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
NATIONAL CAPITAL REGION
METRO MANILA FIRST DISTRICT ENGINEERING OFFICE
WEST BANK ROAD, MANGAHAN FLOODWAY
ROSARIO, PASIG CITY

PROJECT NAME AND LOCATION:
CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY, PHASE II

SHEET CONTENTS:
PERSPECTIVE & LOCATION MAP

DRAFTED:
JEANY B. TORNO
ENGINEER II
PREPARED:
CRISTINA L. JOSE
ARCHITECT II

REVIEWED:
MARY JESSICA P. HONRADE
ENGINEER II
DATE:

SUBMITTED:
ELINO V. CASTRO
CHIEF, PLANNING AND DESIGN SECTION
DATE:

RECOMMENDED:
EDUARDO B. DEL ROSARIO
OIC - ASSISTANT DISTRICT ENGINEER
DATE:

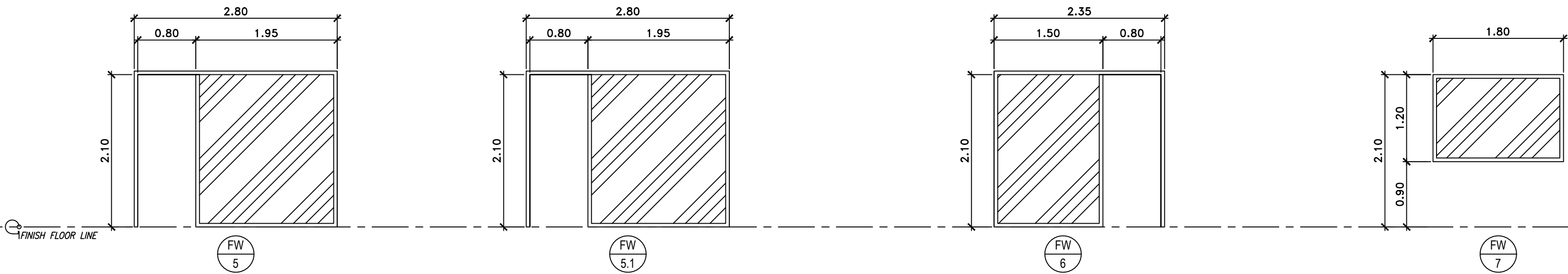
APPROVED:
ARISTOTLE B. RAMOS
DISTRICT ENGINEER
DATE:

SET NO.
A-00

SHEET NO.
01 30

SCHEDULE OF WINDOWS

SCALE 1:50M

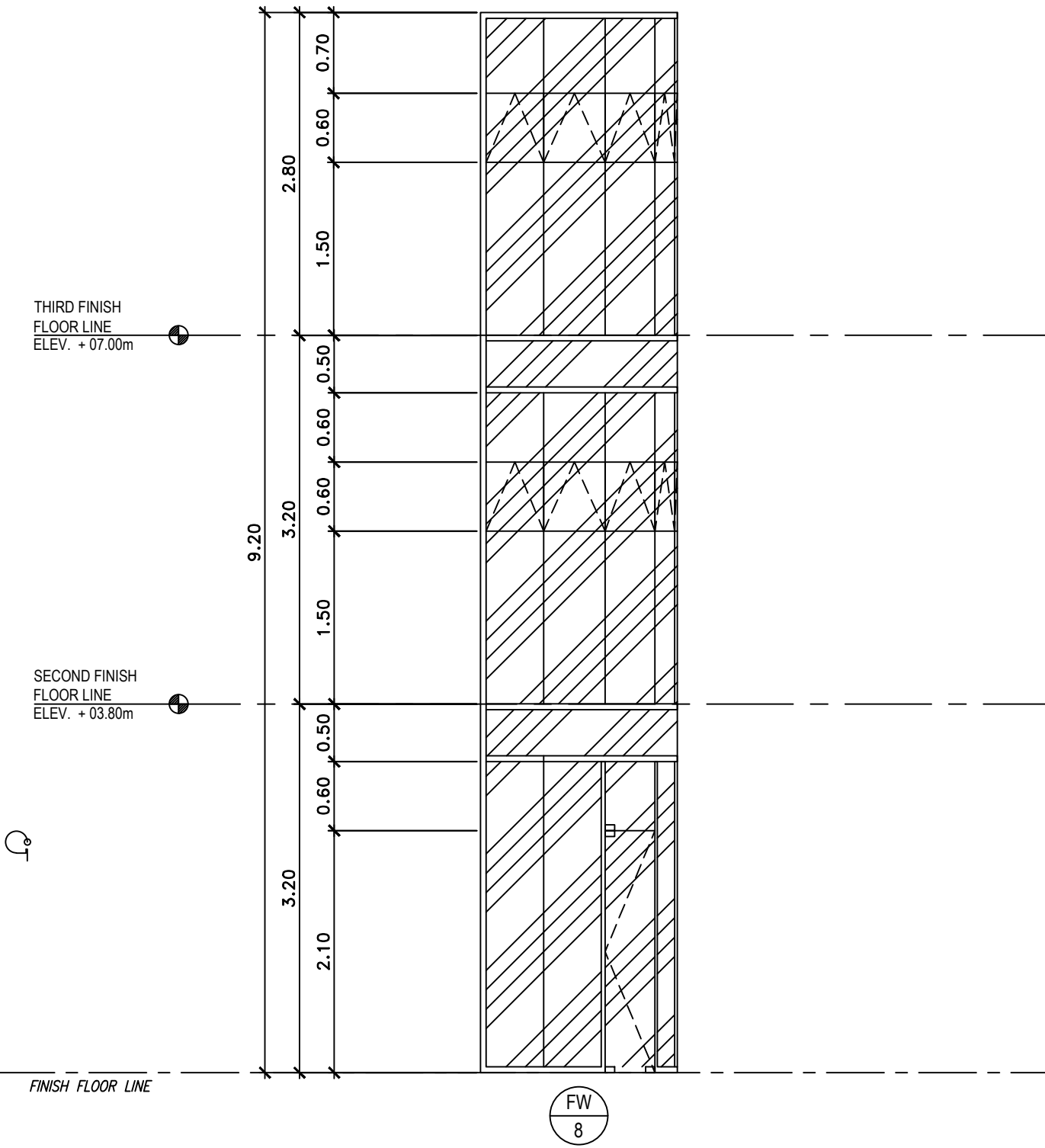
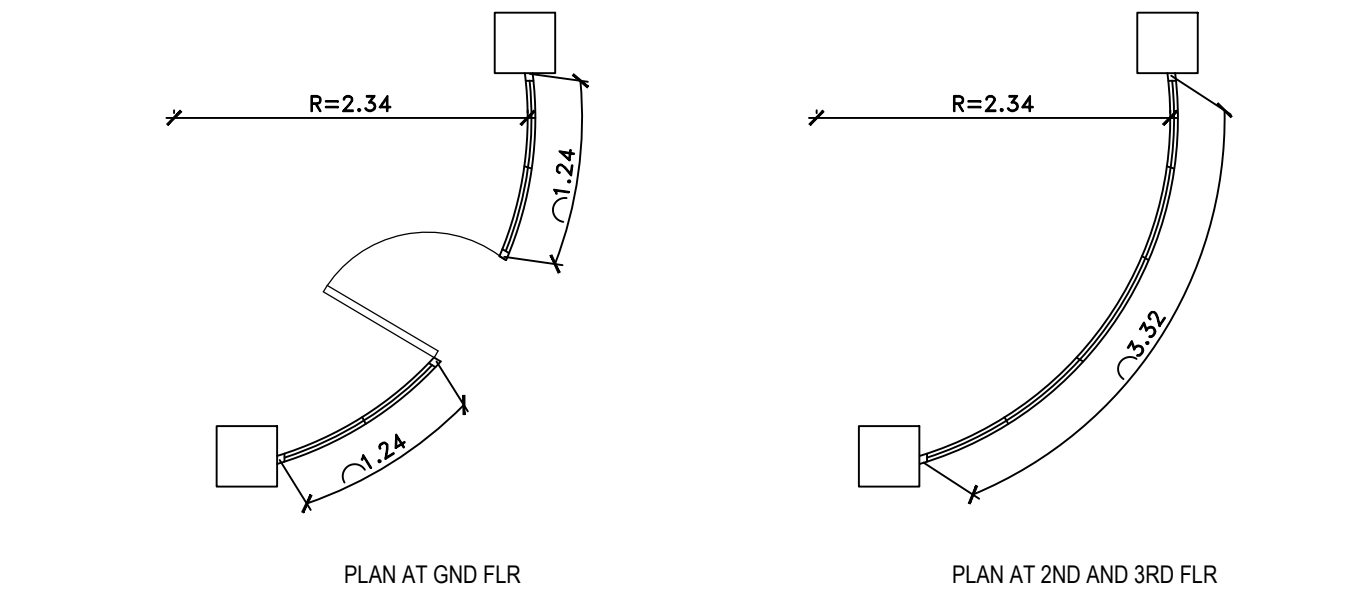


TYPE	FIXED WINDOW WITH D3
SIZE (W X H)	2800mm X 2100mm
LOCATION	PLANS AND DESIGN SECTION
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	1

TYPE	FIXED WINDOW WITH D3
SIZE (W X H)	2800mm X 2100mm
LOCATION	HOUSING & SHELTER SECTION
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	1

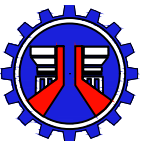
TYPE	FIXED WINDOW WITH D3
SIZE (W X H)	2350mm X 2100mm
LOCATION	PLANS & DESIGN SECTION, HOUSING & SHELTER SECTION
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	2

TYPE	FIXED WINDOW
SIZE (W X H)	1800mm X 1200mm
LOCATION	DUTY PNCO
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	2



TYPE	COMBINATION WINDOW WINDOW
SIZE (W X H)	4400mm X 11800mm
LOCATION	SECOND AND THIRD FLOOR
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	1

TYPE	COMBINATION WINDOW
SIZE (W X H)	3320mm X 9200mm
LOCATION	GND TO 3RD FLOOR
MATERIAL	6mm THK. CLEAR GLASS ON 50mm X 100mm ALUMINUM FRAME
NO. OF SET/S	1



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF PUBLIC WORKS AND HIGHWAYS
NATIONAL CAPITAL REGION
METRO MANILA FIRST DISTRICT ENGINEERING OFFICE
WEST BANK ROAD, MANGGAHAN FLOODWAY
ROSARIO, PASIG CITY

PROJECT NAME AND LOCATION:
CONSTRUCTION OF REGIONAL ENGINEERING UNIT-NCR
BUILDING, CAMP BAGONG DIWA, BICUTAN, TAGUIG CITY,
PHASE II

SHEET CONTENTS:
PERSPECTIVE & LOCATION MAP

DRAFTED:
JEANY B. TORNO
ENGINEER II
PREPARED:
CRISTINA L. JOSE
ARCHITECT II

REVIEWED:
MARY JESSICA P. HONRADE
ENGINEER II
DATE:

SUBMITTED:
ELINO V. CASTRO
CHIEF, PLANNING AND DESIGN SECTION
DATE:

RECOMMENDED:
EDUARDO B. DEL ROSARIO
OIC - ASSISTANT DISTRICT ENGINEER
DATE:

APPROVED:
ARISTOTLE B. RAMOS
DISTRICT ENGINEER
DATE:

SET NO.
A-00

SHEET NO.
01
30

