



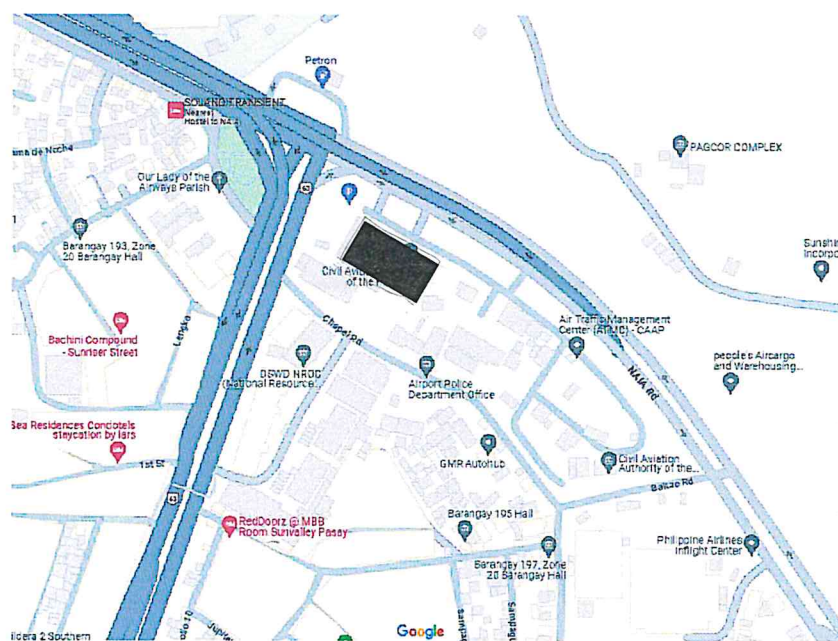
ENTRANCE

CO-WORKING SPACE

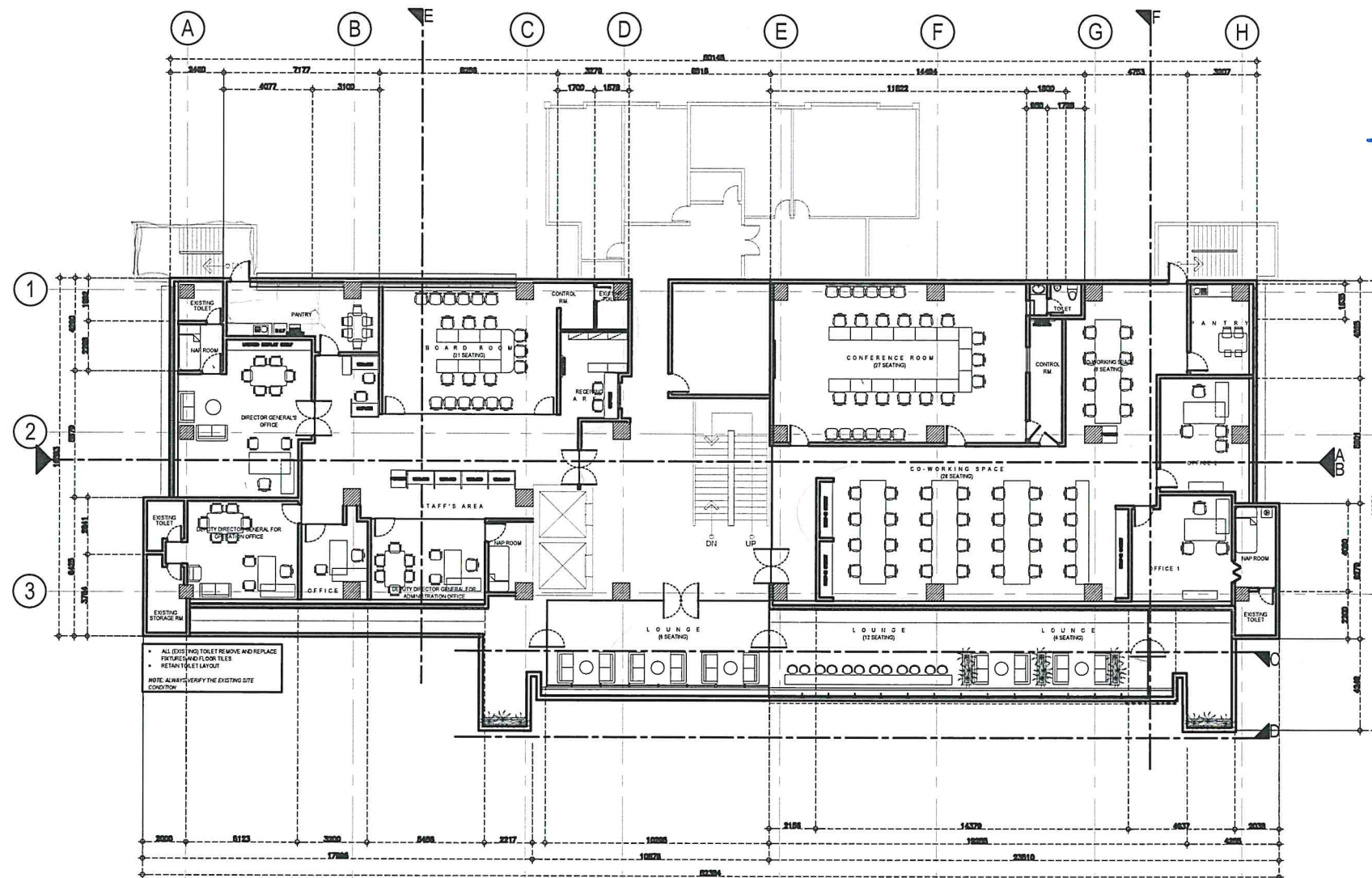
OFFICE SPACE

LOUNGE

1 PERSPECTIVES SCALE: NTS



2 LOCATION MAP SCALE: NTS



3 PLAN ON SITE SCALE: NTS



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	IDDD
REVIEWED BY:	

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Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

LT COL VALENTINO A DIONELA PAF (RET)
Assistant Director General II, ADMS

APPROVED:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

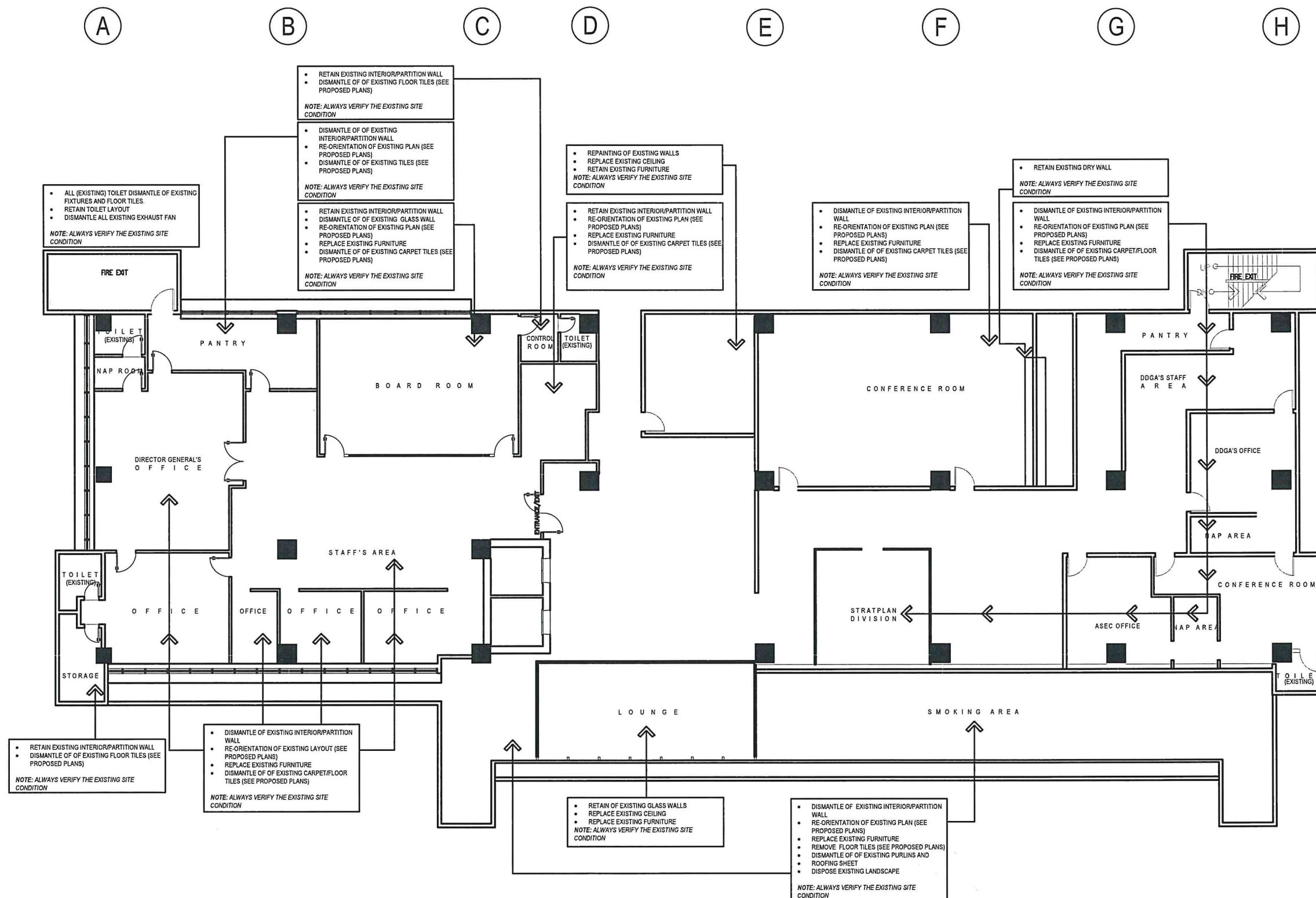
SHEET CONTENTS:

AS SHOWN



DRAWING SCALE:

SHEET NO:

AS SHOWN



1 DEMOLITION PLAN
A-2 SCALE: 1 : 100 M



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF TRANSPORTATION
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
NAIA ROAD, 1005 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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RECOMMEND APPROVAL:

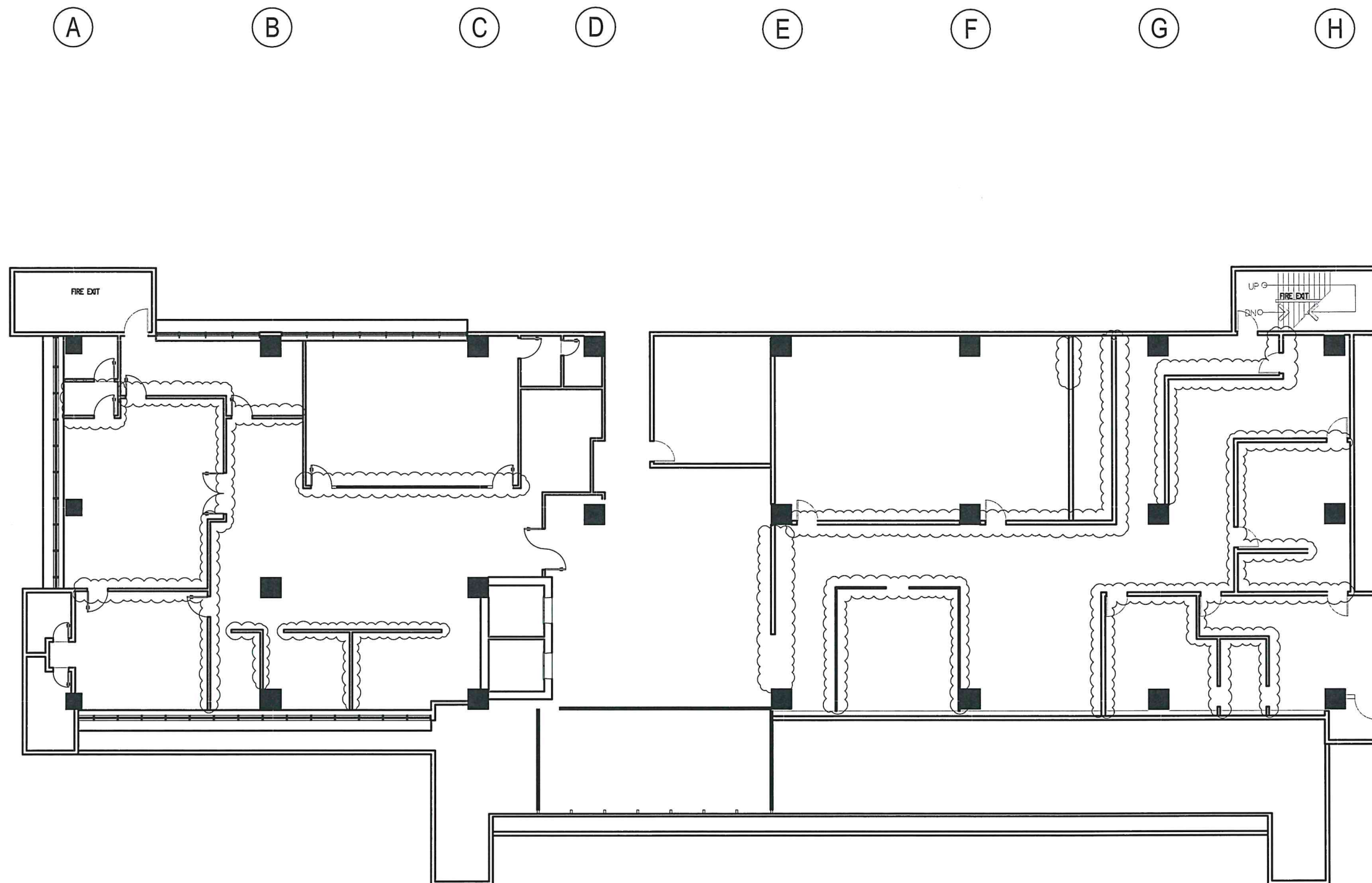
LT COL VALENTINO A DIONELA PAF (RET)
Assistant Director General II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF FOURTH FLOOR
LOCATION:
CAAP-ADMINISTRATION BUILDING OLD MIA RD., PASAY CITY
SHEET CONTENTS:
AS SHOWN
DRAWING SCALE:
SHEET NO:
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1
A-3

DEMOLITION PLAN

SCALE: 1 : 100 M



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INFRASTRUCTURE DEVELOPMENT AND DESIGN
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Assistant Director General II, ADMS

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Director General

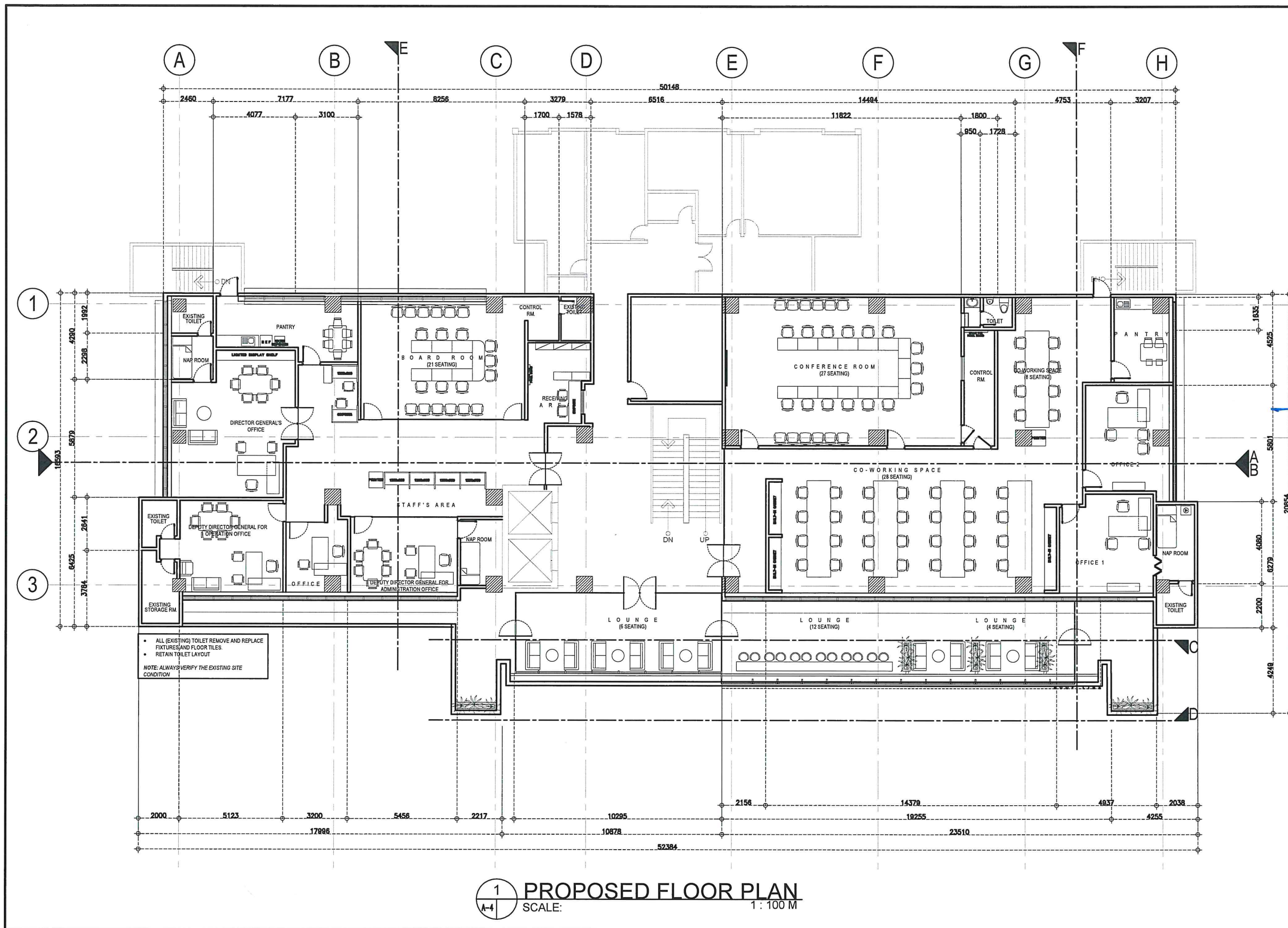
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF
FOURTH FLOOR

LOCATION:
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:
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DRAWING SCALE: SHEET NO:
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1 PROPOSED FLOOR PLAN
SCALE: 1 : 100 M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE


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Director General

NOTES/REVISIONS:

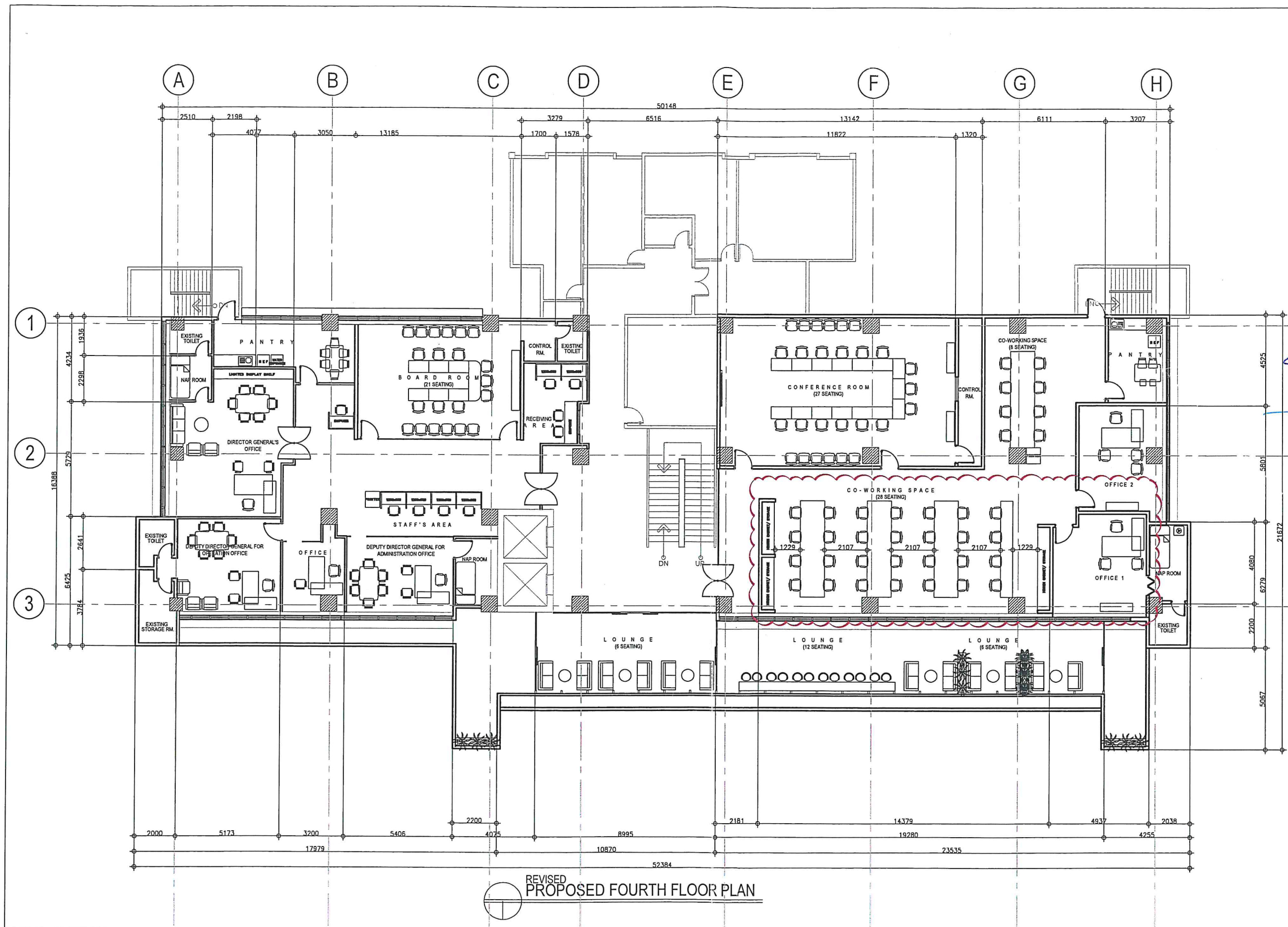
PROJECT:
IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

AS SHOWN

DRAWING SCALE:	SHEET NO:
	AS SHOWN



REPUBLIC OF THE PHILIPPINES
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
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**AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE**

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

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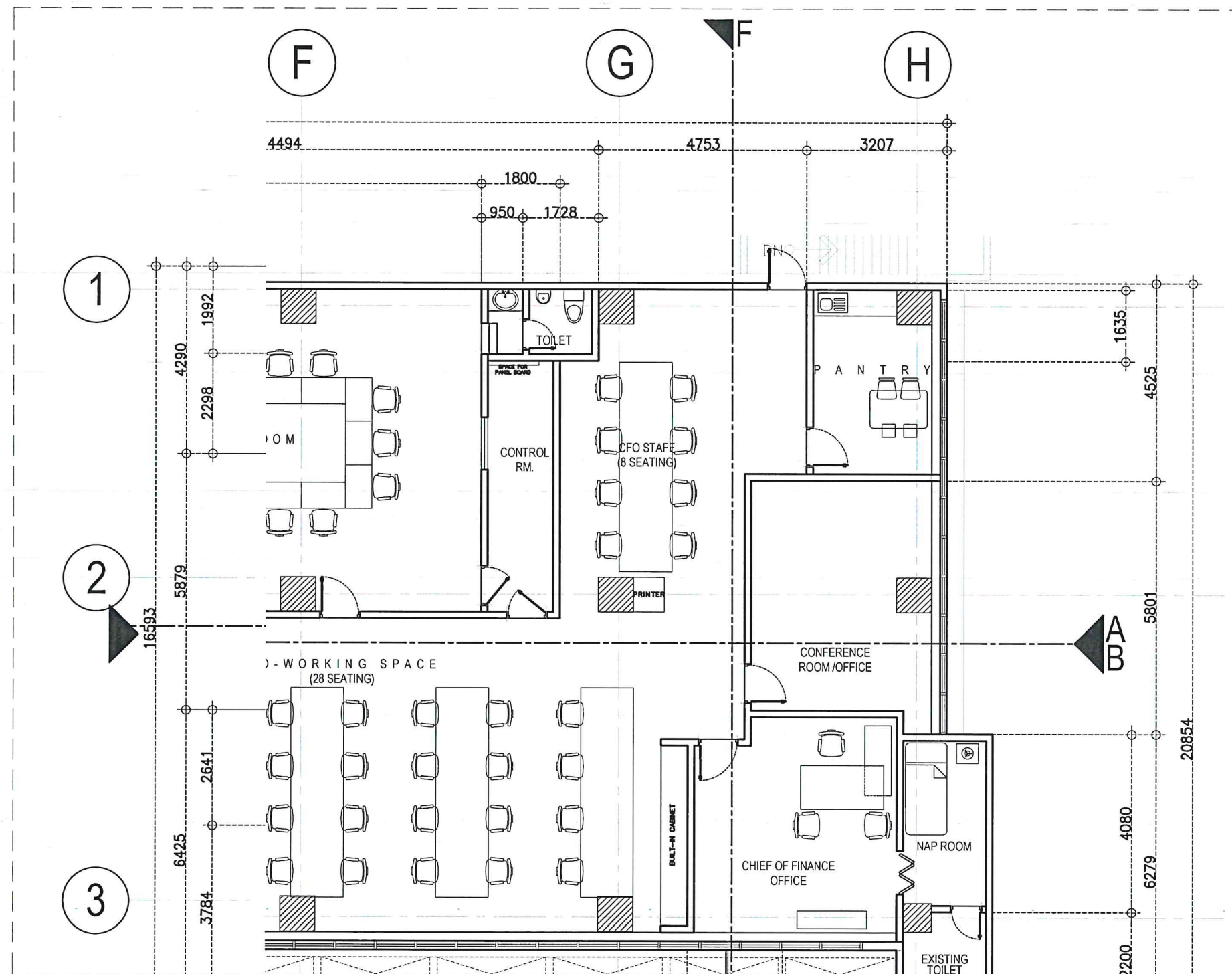
NOTES/REVISIONS:

PROJECT:
**REHABILITATION OF FOURTH FLOOR
ADMINISTRATION BUILDING**

LOCATION:
**CAAP-ADMINISTRATION
BUILDING
OLD MIA RD., PASAY CITY**

SHEET CONTENTS:

DRAWING SCALE: SHEET NO:



1 CFO OFFICE
BLOW-UP PLAN
SCALE: NTS



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Director General

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PROJECT:

IMPROVEMENT/REHABILITATION OF
FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

AS SHOWN

DRAWING SCALE: SHEET NO:

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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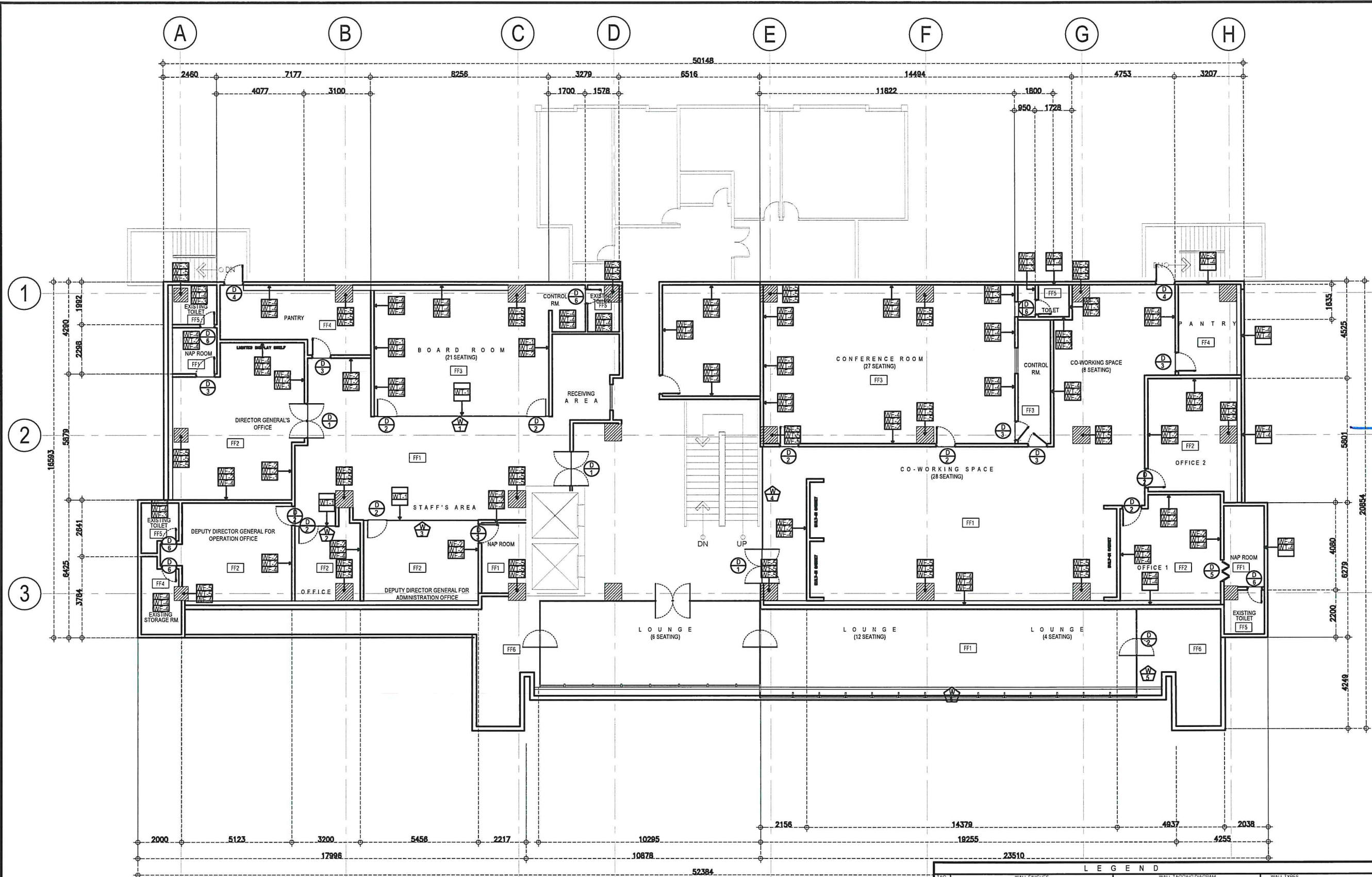
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

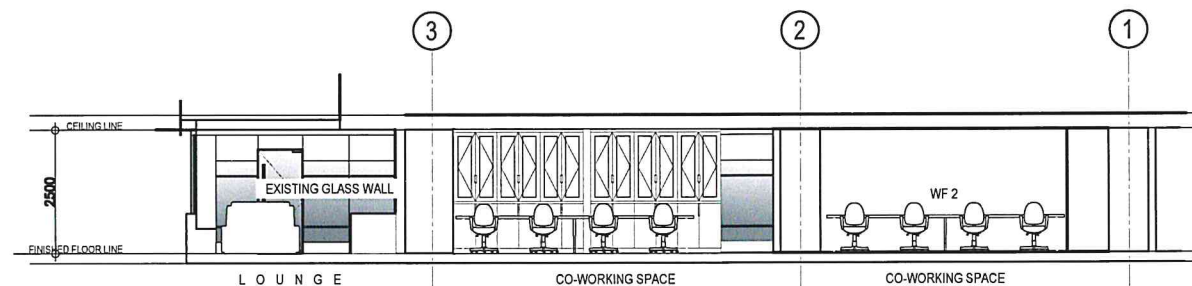
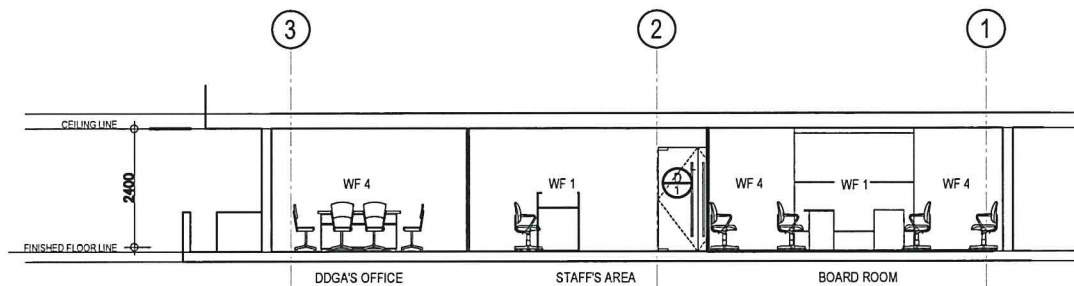
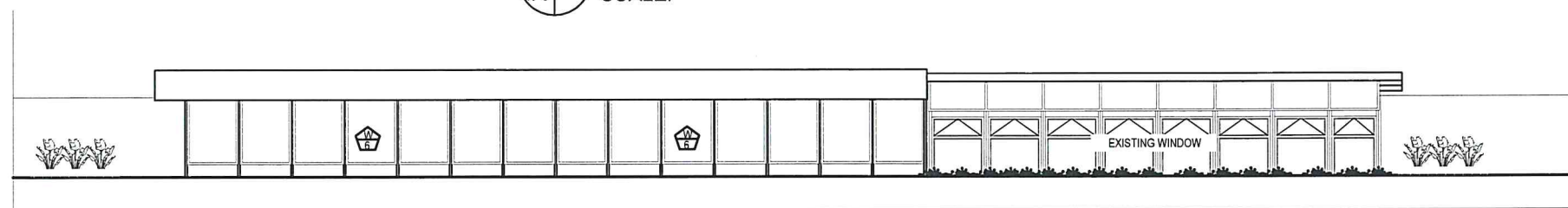
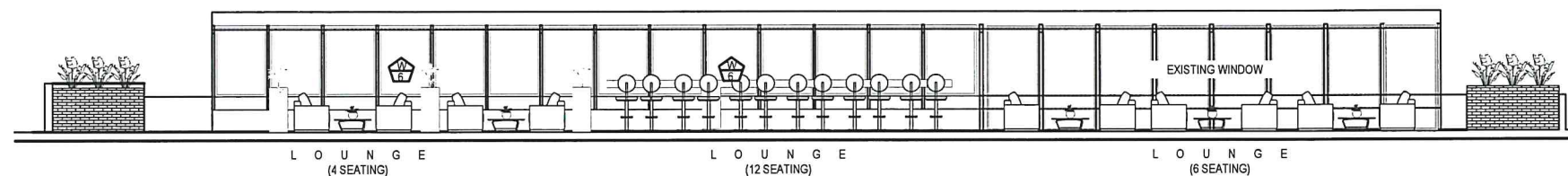
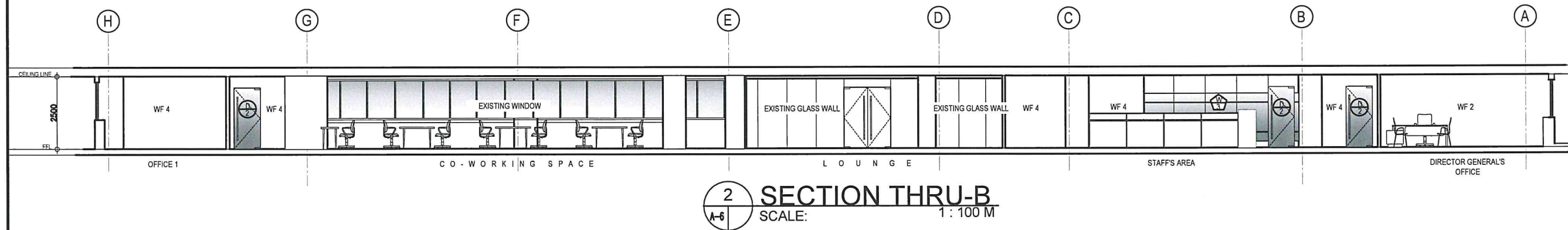
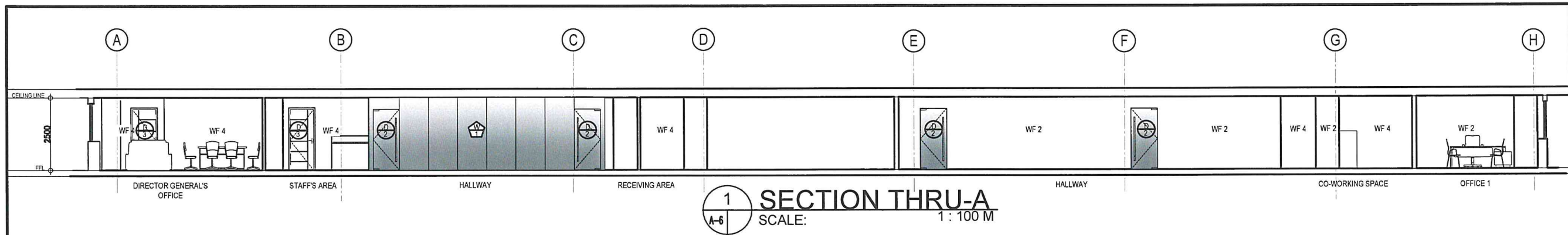
SHEET CONTENTS:
AS SHOWN



DRAWING SCALE: SHEET NO:
AS SHOWN



1 DETAILED FLOOR PLAN
A-5 SCALE: 1: 100 M

LEGEND		
WALL FINISHES		WALL TAGGING DIAGRAM
WF-1	PVC WALL CLADDING PANEL	
WF-2	WPC WALL CLADDING	
WF-3	200 MM X 300 MM HOMOGENEOUS WALL TILES POLISHED FINISH	
WF-4	LATEX PAINT FINISH	
WF-5	LIMEWASH PAINT FINISH	
FLOOR FINISHES		WALL TYPES
FF-1	600MM X 600MM HOMOGENEOUS FLOOR TILES POLISHED FINISH	
FF-2	600MM X 600MM POLYESTER CARPET TILES	
FF-3	600MM X 600MM NYLON CARPET TILES	
FF-4	600MM X 600MM HOMOGENEOUS FLOOR TILES POLISHED FINISH	
FF-5	300MM X 300MM HOMOGENEOUS FLOOR TILES MATTE FINISH	
FF-6	400MM X 400MM HOMOGENEOUS OUTDOOR FLOOR TILES MATTE FINISH	



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 CAAP.

**AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE**

**INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION**

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APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
 Director General

NOTES/REVISIONS:

PROJECT:

**IMPROVEMENT/REHABILITATION OF
FOURTH FLOOR**

LOCATION:

**CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY**

SHEET CONTENTS:

AS SHOWN

DRAWING SCALE:	SHEET NO:
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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 Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

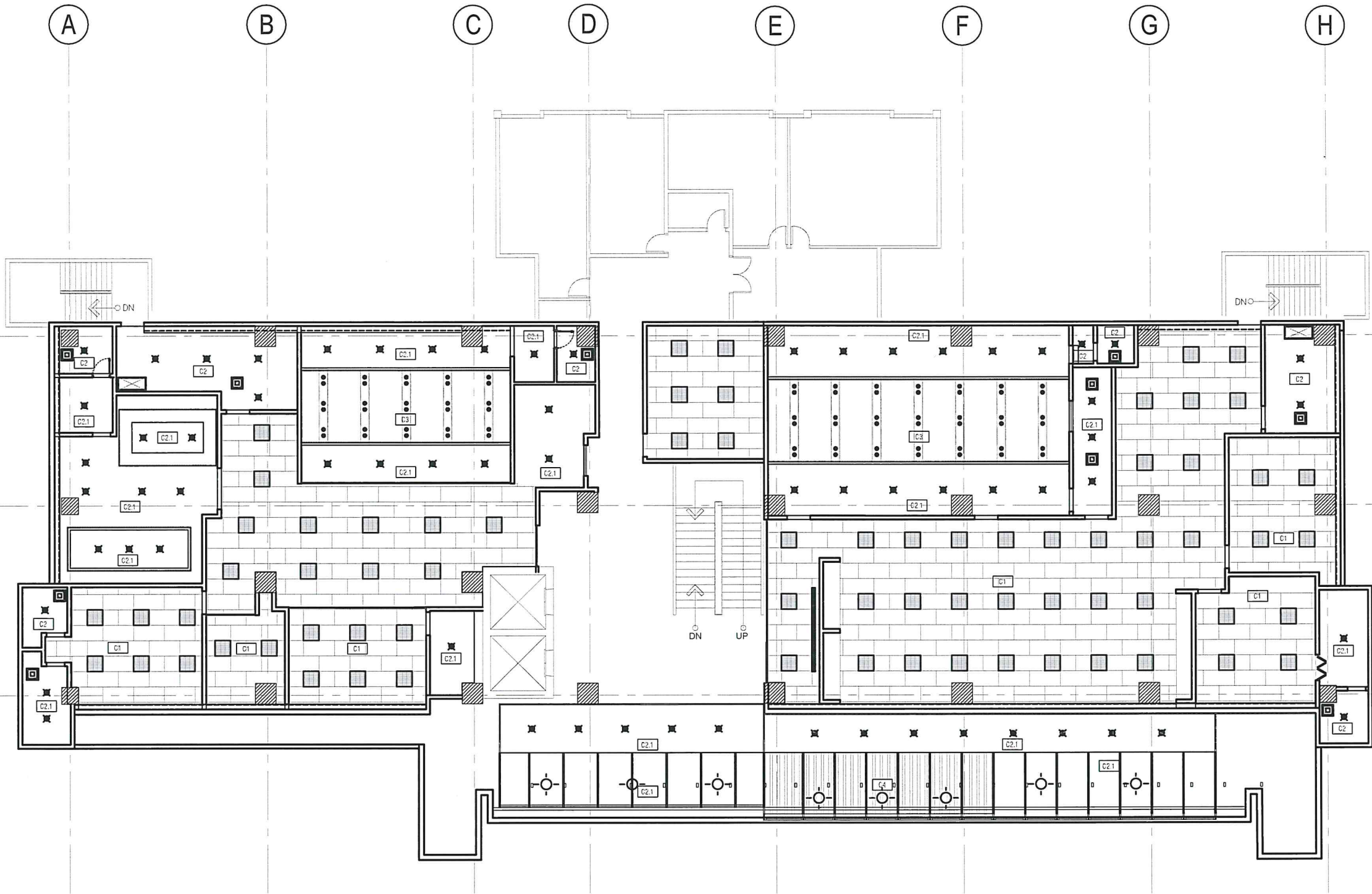
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


CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

AS SHOWN

DRAWING SCALE:	SHEET NO.:
	AS SHOWN



LEGEND:		CEILING FINISHES:	
	4 INCHES RECESSED PINLIGHT	C1	120CMx60CM CEILING TILES
	60CMx60CM LED PANEL LIGHT	C2	8MM THK. MR GYPSUM BOARD
	TRACK LIGHTS		PAINTED FINISH
	PENDANT LIGHTS	C2.1	8MM THK. FR GYPSUM BOARD
	LED STRIP LIGHTS		PAINTED FINISH
	CURTAIN COVE	C3	PVC CEILING PANEL IN WOOD
	EXHAUST FAN		GRAIN FINISH
	RANGE HOOD	C4	ALUMINUM WOOD BAFFLE CEILING

1

A-7

REFLECTED CEILING PLAN
 SCALE: 1 : 100 M



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AERODROME DEVELOPMENT
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INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

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REVIEWED BY:

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CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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IMPROVEMENT/REHABILITATION OF
FOURTH FLOOR

LOCATION:

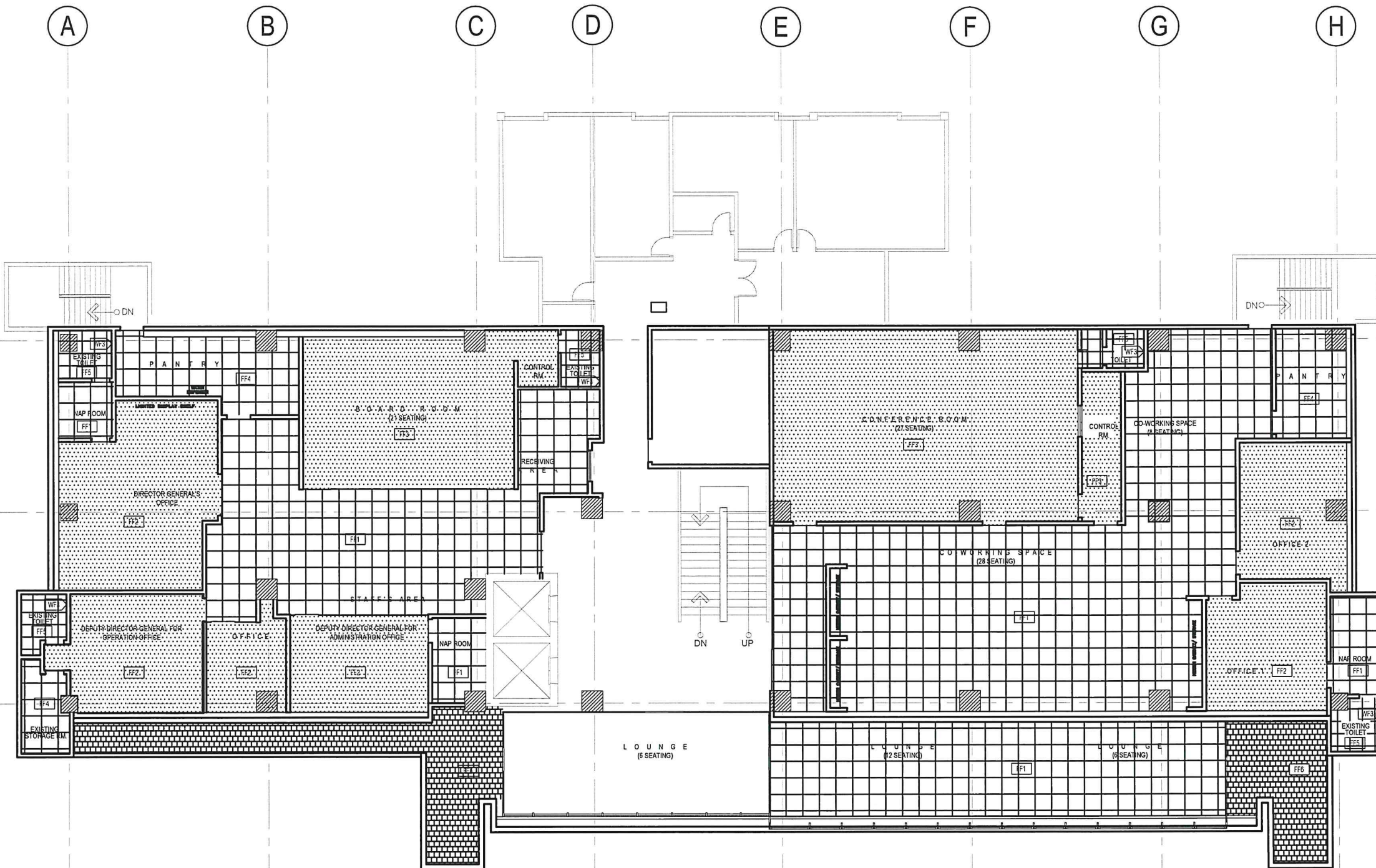
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

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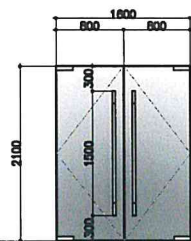


LEGEND

WALL FINISHES		FLOOR FINISHES	
TAG		TAG	
WF-1	PVC WALL CLADDING PANEL	FF-1	600MM X 600MM HOMOGENEOUS FLOOR TILES POLISHED FINISH
WF-2	WPC WALL CLADDING	FF-2	500MM X 500MM POLYESTER CARPET TILES
WF-3	300 MM X 300 MM HOMOGENEOUS WALL TILES POLISHED FINISH	FF-3	500MM X 500MM NYLON CARPET TILES
WF-4	LATEX PAINT FINISH	FF-4	500MM X 500MM HOMOGENEOUS FLOOR TILES POLISHED FINISH
WF-5	MARBLE / LIMEWASH PAINT FINISH	FF-5	300MM X 300MM HOMOGENEOUS FLOOR TILES MATTE FINISH
		FF-6	400MM X 400MM HOMOGENEOUS OUTDOOR FLOOR TILES MATTE FINISH
NOTE: OBSERVE 3MM TILE SPACING FOR GROUT ON HOMOGENEOUS TILES (SUBMIT GROUT SAMPLE FOR APPROVAL)			

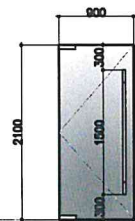
1
A-B
SCALE: 1 : 100 M
TITLE LAYOUT

NOTE: 1. VERIFY ACTUAL DIMENSION AT JOBSITE BEFORE FABRICATION, MAKE ACTUAL SHOP DRAWING FOR CHECKING.
2. RESPONSIBILITY OF CONTRACTOR TO CHECK/ESTIMATE THE REQUIREMENTS BASED ON THE PLANS.



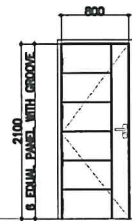
D 1 2 LEAF DOUBLE SWING 12 MM THK. TEMPERED CLEAR GLASS FRAMELESS DOOR IN PATCH FITTINGS

DIMENSIONS: 1600MM X 2100MM
HARDWARE: PIVOTAL HINGES, LOCKSET, 38MMØ X 1.50M STAINLESS STEEL PIPE HAIRLINE FINISH DOOR HANDLE
LOCATION: ENTRANCE, DIRECTOR GENERAL'S OFFICE
NO. OF SET: 3
JAMB: 50MM X 150MM STAINLESS STEEL
HEADER: 50MM X 150MM STAINLESS STEEL



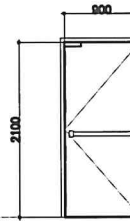
D 2 DOUBLE SWING 12 MM THK. TEMPERED CLEAR GLASS FRAMELESS DOOR IN PATCH FITTINGS

DIMENSIONS: 900MM X 2100MM
HARDWARE: PIVOTAL HINGES, LOCKSET, 38MMØ X 1.50M STAINLESS STEEL PIPE HAIRLINE FINISH DOOR HANDLE
LOCATION: BOARD ROOM, CONFERENCE ROOM, DDGO'S OFFICE, DDGA'S OFFICE, OFFICES
NO. OF SET: 10
JAMB: 50MM X 150MM STAINLESS STEEL
HEADER: 50MM X 150MM STAINLESS STEEL



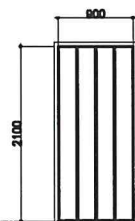
D 3 SINGLE SWING WOOD PANEL DOOR IN WOODGRAIN-LIKE LAMINATE FINISH

DIMENSIONS: 800MM X 2100MM (EXCLUDING DOOR JAMB)
HARDWARE: BUTT HINGES, CHROME LEVER TYPE LOCKSET, DOOR STOPPER, HEAVY DUTY DOOR CLOSER
LOCATION: NAP ROOMS, PANTRY, CONTROL ROOM
NO. OF SET: 6
JAMB: 50MM X 150MM TANGUILE KD WOOD FRAME
HEADER: 50MM X 150MM TANGUILE KD WOOD FRAME



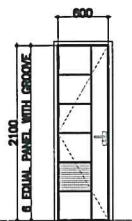
D 4 SINGLE SWING STEEL FLUSH TYPE DOOR WITH HONEYCOMB INSULATION IN EPOXY PAINT FINISH

DIMENSIONS: 900MM X 2100MM (EXCLUDING DOOR JAMB)
HARDWARE: PANIC DOOR HARDWARE W/ LEVER TRIM, BUTT HINGES, HEAVY DUTY DOOR CLOSER & DOOR STOPPER
LOCATION: FIRE EXITS
NO. OF SET: 2
JAMB: 50MM X 150MM STEEL FRAME
HEADER: 50MM X 150MM STEEL FRAME



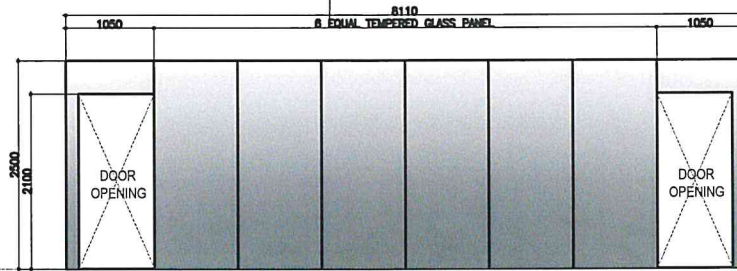
D 5 PVC ACCORDION DOOR

DIMENSIONS: 900MM X 2100MM (EXCLUDING DOOR JAMB)
HARDWARE: LOCKSET
LOCATION: NAP ROOM
NO. OF SET: 1
JAMB: 50MM X 150MM PVC FRAME
HEADER: 50MM X 150MM PVC FRAME



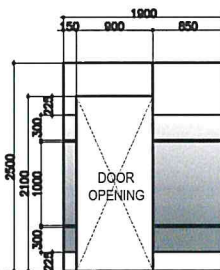
D 6 SINGLE SWING TANGUILE KD WOOD PANEL DOOR WITH LOUVERS & STAINLESS STEEL PLATE SPLASH BOARD

DIMENSIONS: 600MM X 2100MM (EXCLUDING DOOR JAMB)
HARDWARE: BUTT HINGES, CHROME LEVER TYPE LOCKSET, DOOR STOPPER, HEAVY DUTY DOOR CLOSER
LOCATION: TOILETS
NO. OF SET: 6
JAMB: 50MM X 150MM TANGUILE KD WOOD FRAME
HEADER: 50MM X 150MM TANGUILE KD WOOD FRAME



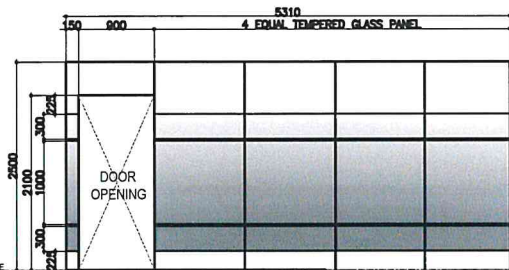
W 1 12MM THK. TEMPERED CLEAR FIXED GLASS WALL (SEAMLESS CONNECTION)

DIMENSIONS: 8110MM X 2500MM
HARDWARE: 12MM THK. TEMPERED CLEAR GLASS
LOCATION: BOARD ROOM
NO. OF SET: 1
JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME
HEADER: 50MM X 150MM POWDER COATED ALUMINUM FRAME



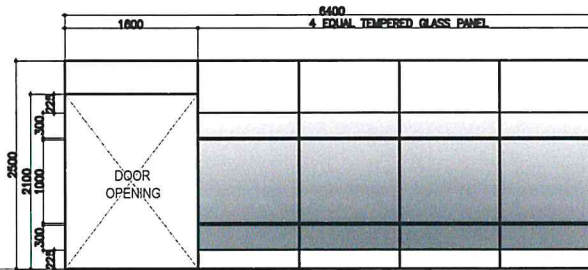
W 2 12MM THK. TEMPERED CLEAR FIXED GLASS WALL (SEAMLESS CONNECTION) (COLOR AND FRAME: VERIFY ARCHITECT)

DIMENSIONS: 1900MM X 2500MM
HARDWARE: 12MM THK. TEMPERED CLEAR GLASS
LOCATION: OFFICE
NO. OF SET: 1
JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME
HEADER: 50MM X 150MM POWDER COATED ALUMINUM FRAME



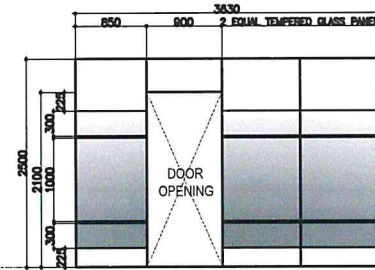
W 3 12MM THK. TEMPERED CLEAR FIXED GLASS WALL (SEAMLESS CONNECTION) (COLOR AND FRAME: VERIFY ARCHITECT)

DIMENSIONS: 3100MM X 2500MM
HARDWARE: 12MM THK. TEMPERED CLEAR GLASS
LOCATION: DDGA'S OFFICE
NO. OF SET: 1
JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME
HEADER: 50MM X 150MM POWDER COATED ALUMINUM FRAME



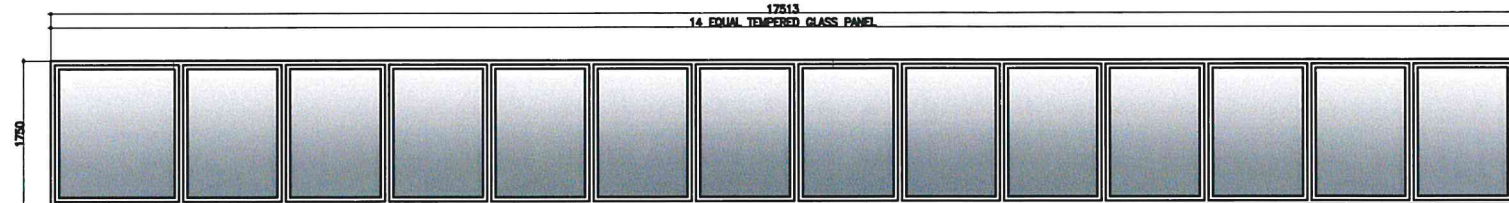
W 4 12MM THK. TEMPERED CLEAR FIXED GLASS WALL (SEAMLESS CONNECTION) (COLOR AND FRAME: VERIFY ARCHITECT)

DIMENSIONS: 6400MM X 2500MM
HARDWARE: 12MM THK. TEMPERED CLEAR GLASS
LOCATION: ENTRANCE
NO. OF SET: 1
JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME
HEADER: 50MM X 150MM POWDER COATED ALUMINUM FRAME



W 5 12MM THK. TEMPERED CLEAR FIXED GLASS WALL (SEAMLESS CONNECTION) (COLOR AND FRAME: VERIFY ARCHITECT)

DIMENSIONS: 3630MM X 2500MM
HARDWARE: 12MM THK. TEMPERED CLEAR GLASS
LOCATION: LOUNGE
NO. OF SET: 1
JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME
HEADER: 50MM X 150MM POWDER COATED ALUMINUM FRAME



W 6 12MM THK. TEMPERED CLEAR FIXED GLASS WALL (SEAMLESS CONNECTION) (COLOR AND FRAME: VERIFY ARCHITECT)

DIMENSIONS: 19280MM X 1750MM
HARDWARE: 12MM THK. TEMPERED CLEAR GLASS
LOCATION: LOUNGE
NO. OF SET: 1
JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME
HEADER: 50MM X 150MM POWDER COATED ALUMINUM FRAME



REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF TRANSPORTATION
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
NAIA ROAD, 1500 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE
DESIGNED BY: IDDD
DRAWN BY: IDDD
REVIEWED BY:

CHECKED BY:

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Acting Division Chief III, IDDD-ADMS

SUBMITTED BY:
ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

LT COL VALENTINO A DIONELA PAF (RET)
Assistant Director General II, ADMS

APPROVED:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

AS SHOWN

DRAWING SCALE: SHEET NO:

AS SHOWN





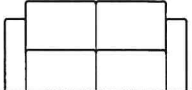
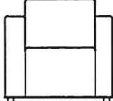


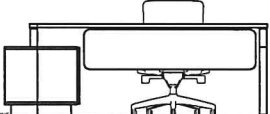



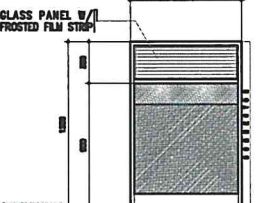
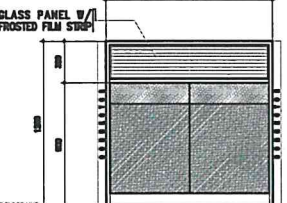

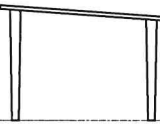
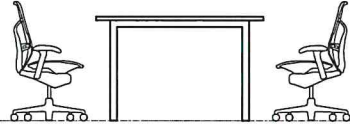


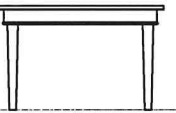
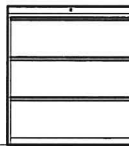
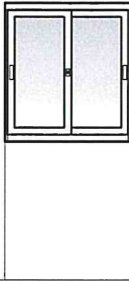


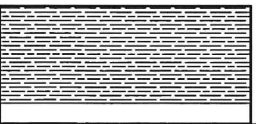
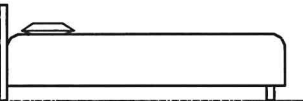
SCHEDULE OF DOORS AND WINDOWS

1
A-9

SCALE:

1 : 50 M

NOTE: 1. VERIFY ACTUAL DIMENSION AT JOBSITE BEFORE FABRICATION, MAKE ACTUAL SHOP DRAWING FOR CHECKING.
2. RESPONSIBILITY OF CONTRACTOR TO CHECK/ESTIMATE THE FURNITURE BASED ON THE PLANS.

						
EXECUTIVE OFFICE CHAIR POLISHED ALUMINUM BASED HIGH BACK REST IN MESH FABRIC UPHOLSTERY WITH CASTERS, TILT SWIVEL MECHANISM, SEAT HEIGHT ADJUSTMENT AND TILT LOCK FEATURE, WITH HEAD & ARM REST.	CONFERENCE CHAIR POLISHED ALUMINUM BASED HIGH BACK REST IN MESH FABRIC UPHOLSTERY WITH CASTERS, TILT SWIVEL MECHANISM, SEAT HEIGHT ADJUSTMENT AND TILT LOCK FEATURE, WITH ARM REST.	STAFF OFFICE CHAIR POLISHED ALUMINUM BASED MID-HIGH BACK REST IN MESH FABRIC UPHOLSTERY WITH CASTERS, TILT SWIVEL MECHANISM, SEAT HEIGHT ADJUSTMENT AND TILT LOCK FEATURE, WITH ARM REST.	VISITOR CHAIR STAINLESS STEEL FRAMED LOW BACK REST IN FABRIC UPHOLSTERY WITH ARM REST.	2-SEATER SOFA HARDWOOD FRAMED LOW BACK REST SOFA IN FABRIC UPHOLSTERY.	SINGLE SEATER SOFA HARDWOOD FRAMED LOW BACK REST SOFA IN FABRIC UPHOLSTERY.	BAR STOOL POWDER COATED FINISH, LOW BACK REST BAR STOOL IN FABRIC/LEATHER UPHOLSTERY, WITH FOOTREST.
DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS
HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES
LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION
NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS
8 SETS	66 SETS	44 SETS	12 SETS	15 SETS	1 SET	12 SETS
						
DINING CHAIR POWDER COATED FINISH, POLYPROPYLENE MATERIAL.	EXECUTIVE OFFICE DESK HARD WOOD FRAMED WITH MDF TOP AND SIDE COVER IN WOODGRAIN-LIKE LAMINATE FINISH.	6-SEATER CONFERENCE TABLE HIGH PRESSED LAMINATE (WOODGRAIN-LIKE FINISH) IN 25MM THK TOP BOARD, SIDINGS IN 2MM PVC EDGE BAND MACHINE PRESSED.	12 SEATER U-SHAPED CONFERENCE TABLE MR. BOARD (WOODGRAIN-LIKE FINISH) IN 25MM THK TOP BOARD, METAL STEEL LEGS IN POWDER COATED FINISH, SIDINGS IN 2MM PVC EDGE BAND MACHINE PRESSED.	15 SEATER U-SHAPED CONFERENCE TABLE MR. BOARD (WOODGRAIN-LIKE FINISH) IN 25MM THK TOP BOARD, METAL STEEL LEGS IN POWDER COATED FINISH, SIDINGS IN 2MM PVC EDGE BAND MACHINE PRESSED.	OFFICE MODULAR PARTITION ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING AND GLASS PANEL WITH FROSTED FILM.	OFFICE MODULAR PARTITION/WORKSTATION ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING AND GLASS PANEL WITH FROSTED FILM, CONVENIENCE OUTLET HOLE & COMMUNICATION DATA OUTLET HOLE READY.
DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS
HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES
LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION
NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS
10 SETS	8 SETS	3 SETS	1 SET	1 SET	9 SETS	6 SETS
						
RECEIVING TABLE HARD WOOD FRAMED WITH MDF TOP AND SIDE COVER IN WOODGRAIN-LIKE LAMINATE FINISH.	CONTROL ROOM CONSOLE HARD WOOD FRAMED WITH MDF TOP AND SIDE COVER IN WOODGRAIN-LIKE LAMINATE FINISH.	CO-WORKING SPACE TABLE MR. BOARD (WOODGRAIN-LIKE FINISH) IN 25MM THK TOP BOARD, SIDINGS IN 2MM PVC EDGE BAND MACHINE PRESSED METAL STEEL LEGS IN POWDER COATED FINISH.	CENTER TABLE 10MM THK, TEMPERED CLEAR GLASS IN SOLID WOOD IN DUOCO OR VARNISH FINISH, ADJUSTABLE FEET LEVELER.	SIDE TABLE HARD WOOD FRAMED MDF TOP IN WOODGRAIN-LIKE LAMINATE FINISH.	DINING TABLE HARD WOOD FRAMED MDF BOARD TOP IN WOODGRAIN-LIKE LAMINATE FINISH.	
DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS
HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES
LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION
NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS
1 SET	1 SET	5 SETS	7 SETS	3 SETS	2 SETS	
						
OFFICE FILING STEEL CABINET 3-LAYER LATERAL OPENING FILING CABINET IN HEAVY DUTY METAL MATERIAL WITH ANTI-TILT MECHANISM DRAWER AND FULL EXTENSION BALL BEARING SLIDE.	OFFICE FILING STEEL CABINET 3-LAYER FILING CABINET IN HEAVY DUTY METAL MATERIAL WITH 6MM GLASS PANEL METAL FRAMED SLIDING DOOR.	LIGHTED DISPLAY SHELF 6MM THK, TEMPERED CLEAR GLASS IN SOLID WOOD IN DUOCO OR VARNISH FINISH.	MOBILE CHEST DRAWER STEEL CASING 3-DRAWER WITH HEAVY DUTY CASTERS IN WOODGRAIN-LIKE MELAMINE FINISH.	INDOOR PLANT BOX HARD WOOD FRAMED MDF TOP IN WOODGRAIN-LIKE LAMINATE FINISH.	SINGLE BED FRAME SOLID WOOD SINGLE BED FRAME IN DUOCO OR VARNISH FINISH WITH SINGLE BED SIZE MATTRESS.	
DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS	DIMENSIONS
HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES	HARDWARES
LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION	LOCATION
NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS	NO. OF SETS
10 SETS	3 SETS		7 SETS	2 SETS, 3 SETS	3 SETS	



SCHEDULE OF FURNITURE

SCALE:

1 : 30 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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REVIEWED BY:

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SUBMITTED BY:
ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:
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Assistant Director General II, ADMS

APPROVED:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

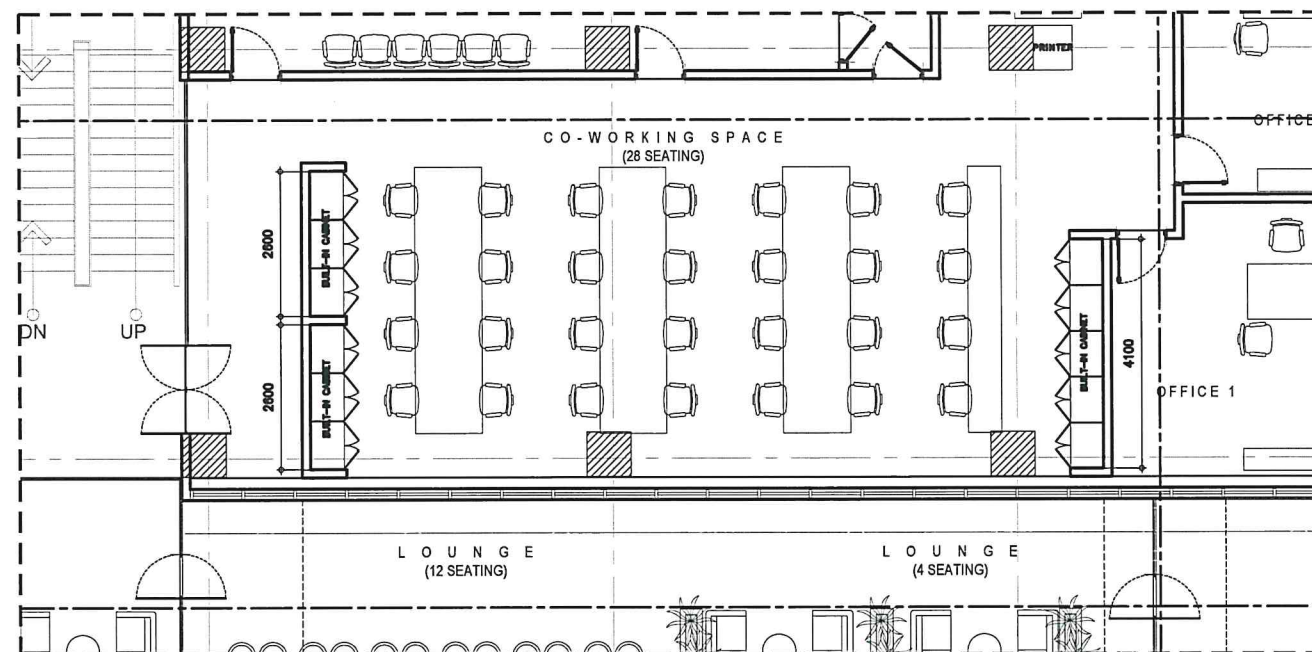
PROJECT:
IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

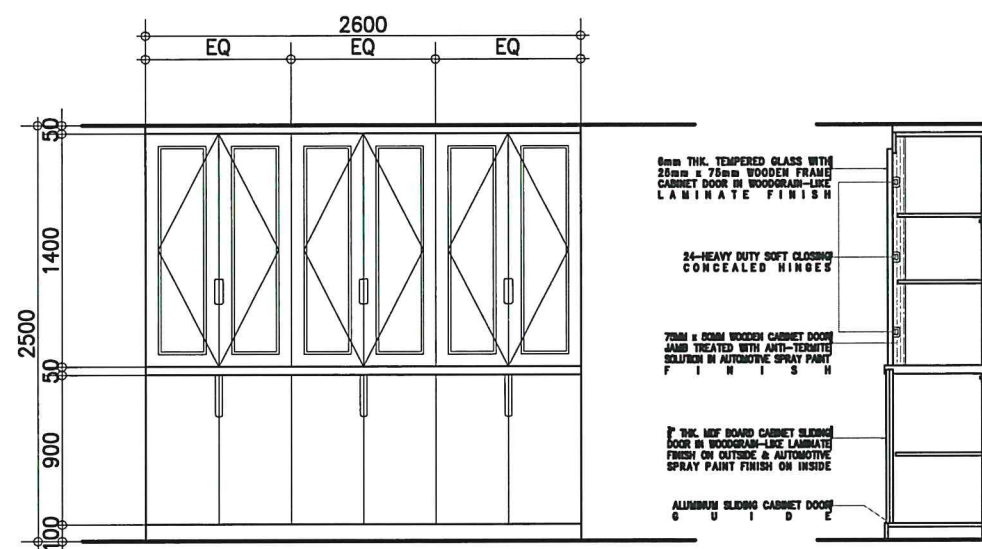
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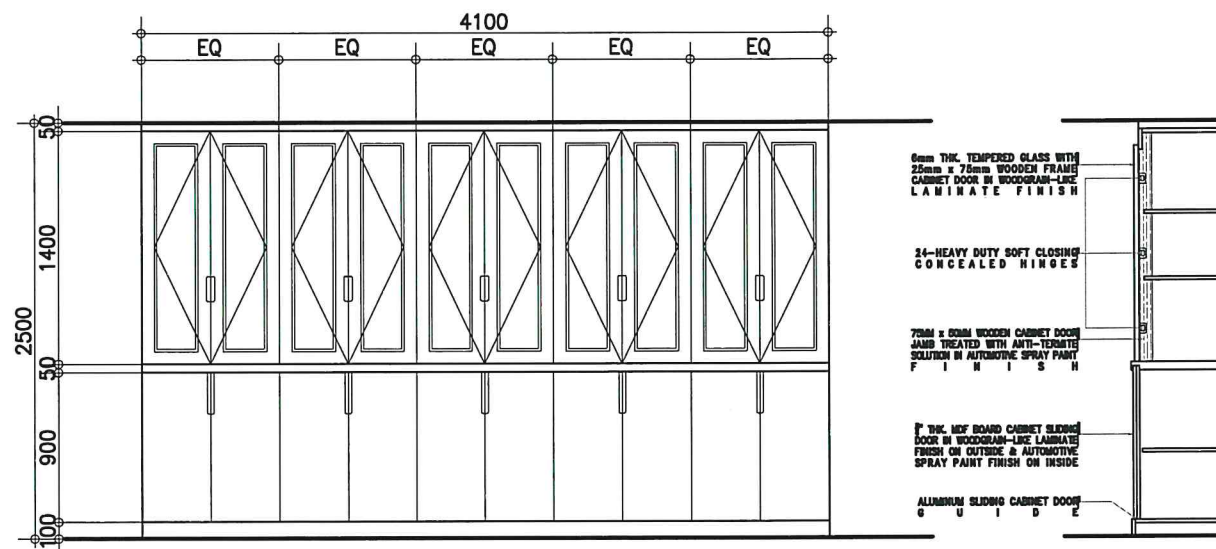
DRAWING SCALE: SHEET NO.:
AS SHOWN



1 BLOW UP- PLAN
SCALE: 1:75 MTS.



2 CABINET DETAILS
SCALE: 1:25 MTS.



3 CABINET DETAILS
SCALE: 1:25 MTS.



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DRAWN BY:	IDDD
REVIEWED BY:	

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PROJECT:
IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

AS SHOWN

DRAWING SCALE: SHEET NO:
AS SHOWN

CONSTRUCTION NOTES:

- A. GENERAL
1. CONSTRUCTION NOTES AND TYPICAL DETAILS APPLY TO ALL UNLESS OTHERWISE SHOWN OR NOTED. MODIFY TYPICAL DETAILS AS DIRECTED TO MEET SPECIAL CONDITIONS.
 2. SHOP DRAWINGS WITH ERECTION AND PLACING DIAGRAMS OF ALL STRUCTURAL STEEL, MISCELLANEOUS IRON, PRE-CAST CONCRETE ETC. SHALL BE SUBMITTED FOR ENGINEER'S APPROVAL BEFORE FABRICATION.
 3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS BEFORE ALL WORK IS TO BEGIN. CHECK WITH MECHANICAL AND ELECTRICAL CONTRACTORS FOR CONDUITS, PIPE SLEEVES, ETC. TO BE EMBEDDED IN CONCRETE.
 4. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORINGS AND BRACING OF THE STRUCTURE FOR ALL LOADS THAT MAYBE IMPOSED DURING CONSTRUCTION.

- B. CONCRETE AND REINFORCEMENT
1. ALL MATERIALS WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318).
 2. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE AGGREGATE AND SLUMPS AS FOLLOWS

LOCATION	28 DAYS STRENGTH	MAX. SIZE AGGREGATE	MAX. SLUMP
CURBS AND SLAB ON GRADE EXCEPT FOUND.	3000 PSI	1 in. (25 mm)	4 in. (100 mm)
FOUNDATION & RETAINING WALL	3000 PSI	3/4 in. (19 mm)	4 in. (100 mm)
ALL OTHERS INCLUDING BEAMS, SUSPENDED SLABS AND COLUMNS	3000 PSI	3/4 in. (19 mm)	5 in. (125 mm)

3. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 40 FOR #12 & SMALLER REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 FOR #16 & BIGGER IN GENERAL, THE LATEST EDITION OF ACI-318, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.
 5. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS.
- | | |
|---|------------------|
| SUSPENDED SLABS | 3/4 in. (19mm) |
| SLAB ON GRADE | 1 1/2 in. (38mm) |
| WALLS ABOVE GRADE | 1 in. (25mm) |
| BEAM STIRRUPS AND COLUMN TIES | 1 1/2 in. (38mm) |
| WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS | 2 in. (50mm) |
| WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH | 3 in. (75mm) |

6. SPLICES SHALL BE SECURELY WIRED AND SHALL LAP OR EXTEND IN ACCORDANCE WITH TABLE 1 (TABLE OF LAP SPLICE AND ANCHORAGE LENGTH) UNLESS OTHERWISE SHOWN ON DRAWINGS, SPLICES SHALL BE STAGGERED WHENEVER POSSIBLE.
7. ALL ANCHOR BOLTS, DOWELS, AND OTHER INSERTS, SHALL BE PROPERLY POSITIONED AND SECURED IN PLACE PRIOR TO PLACING OF CONCRETE.
8. CONTRACTOR SHALL NOTE AND PROVIDE ALL MISCELLANEOUS CURBS, SILLS, TOOLS, EQUIPMENTS AND MECHANICAL BASES THAT ARE REQUIRED BY THE ARCHITECTURAL, ELECTRICAL, AND MECHANICAL DRAWINGS.
9. ALL CONCRETE SHALL BE KEPT MOIST FOR A MINIMUM OF SEVEN (7) CONSECUTIVE DAYS IMMEDIATELY AFTER POURING BY THE USE OF WET BURLAP, FOG SPRAYING, CURING COMPOUNDS OR OTHER APPROVED METHODS.
10. STRIPPING OF FORMS AND SHORES REFER TO TECHNICAL SPECIFICATIONS

- C. CAMBER REQUIREMENTS
1. UNLESS PHERWISE NOTED ON THE PLANS OR SPECIFICATIONS, CAMBER ALL R.C. BEAMS AT LEAST 10mm FOR EVERY 4000mm OF CLEAR SPAN EXCEPT CANTILEVERS WHICH SHALL BE 50mm FOR EVERY 3000mm OF CLEAR SPAN.
 2. UNLESS OTHERWISE NOTED IN PLANS OR SPECIFICATIONS, CAMBERS ALL SLABS 8mm PER 3000mm OF SHORTER SPAN AND 14mm. FOR EVERY 2000mm OF SLABS CANTILEVER SPAN.

D. MASONRY AND CONCRETE BLOCKS

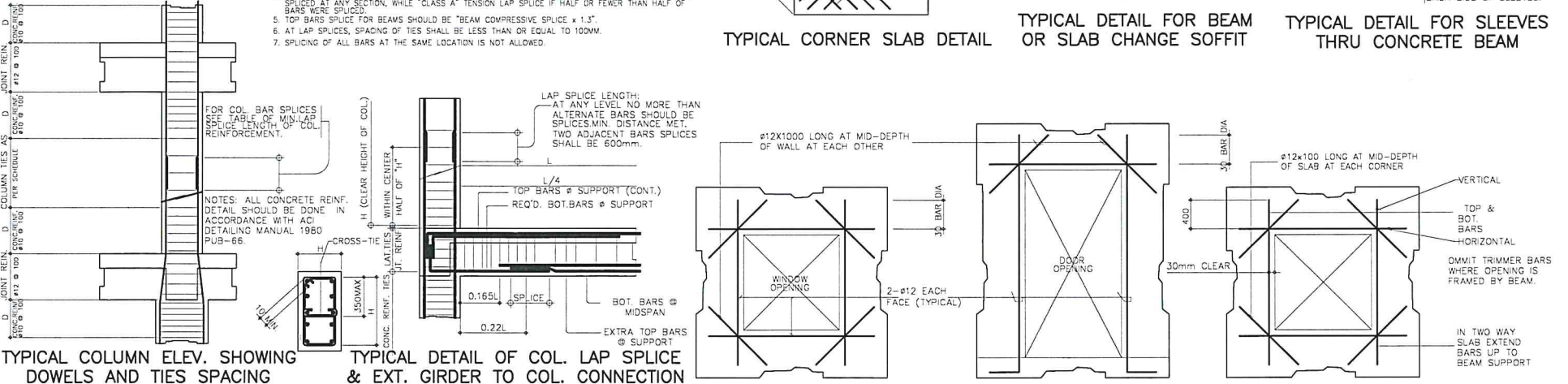
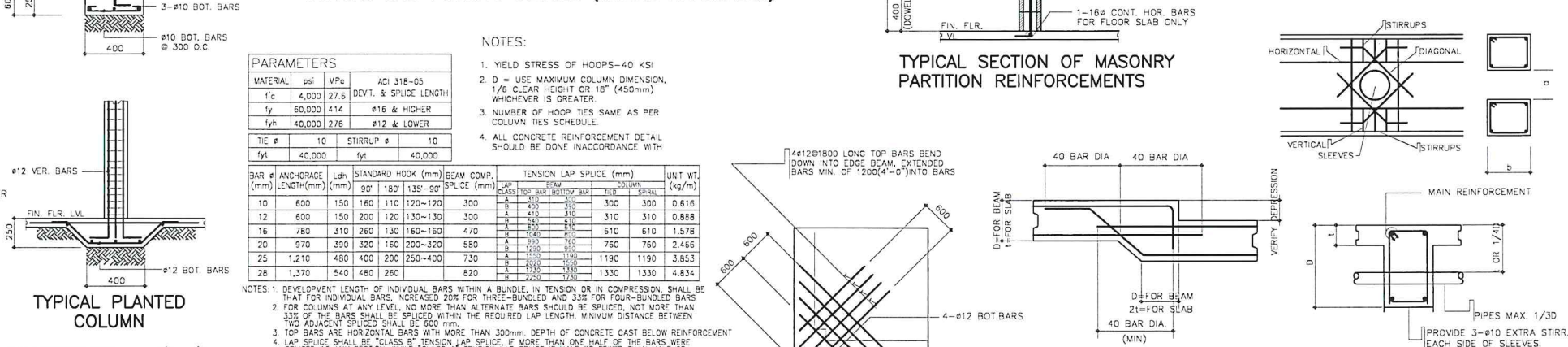
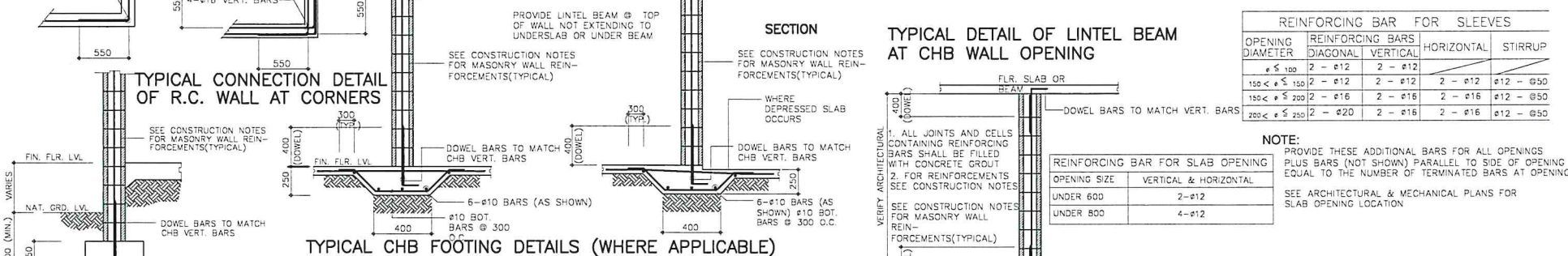
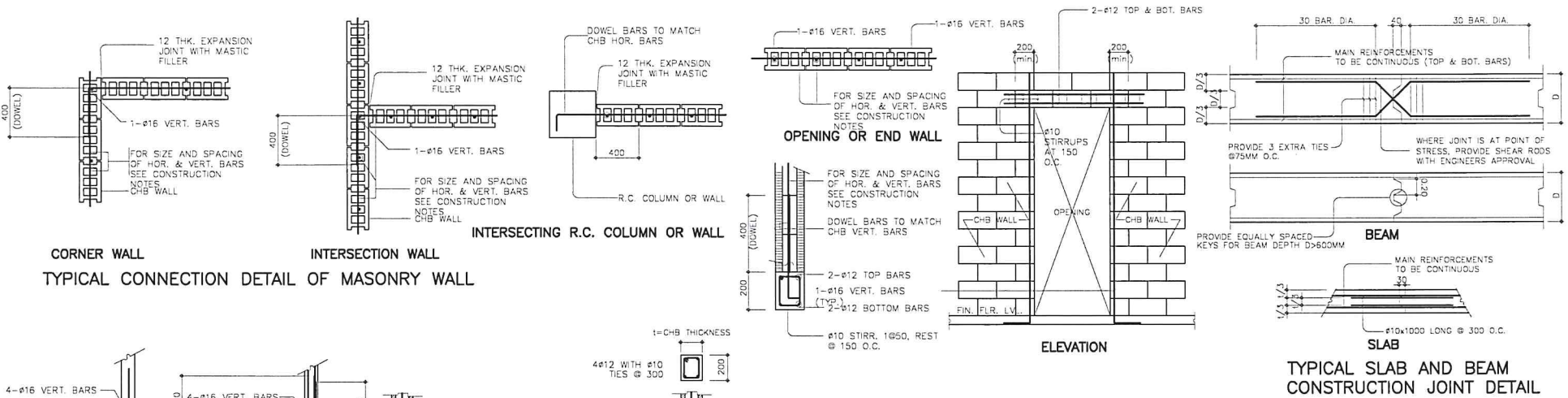
1. ALL-LOAD BEARING TYPE CONCRETE BLOCKS SHALL HAVE A UNIT WEIGHT NOT TO EXCEED 80 PCF FOR LOAD BEARING TYPE CONCRETE BLOCKS A MINIMUM COMPRESSIVE STRENGTH OF 6.90 MPA. SHALL BE DEVELOPED.
 2. PROVIDE 1-#16 VERTICAL BARS AT CORNERS, INTERSECTIONS, END OF WALLS, EACH SIDE OF OPENINGS
 3. LINTEL BEAMS SHALL BEAR AT LEAST 8 INCHES (200 MM.) ON EACH SIDE OF MASONRY WALL OPENING
 4. WALL REINFORCEMENTS SHALL BE AS FOLLOWS:
- | WALL THICKNESS | VERTICAL REINFORCEMENT | HORIZONTAL REINFORCEMENT |
|----------------|------------------------|--------------------------|
| 8 IN. (200 mm) | #12 @ 400 mm | #10 @ 600 mm |
| 6 IN. (150 mm) | #10 @ 600 mm | #10 @ 600 mm |
| 4 IN. (100 mm) | #10 @ 600 mm | #10 @ 600 mm |
5. REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 40 BARS DIAMETERS WHERE SPLICED DOWELS FROM CONCRETE FOOTINGS OR SLABS EXTEND INTO THE BLOCK WALL A MINIMUM OF 40 BAR DIAMETERS, AND DOWELS TO MATCH VERTICAL REINFORCEMENTS OF WALL.
 6. ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT, (REFER TO SPECIFICATIONS).

E. STEEL NOTES:

1. ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISC FOR A36 STEEL
2. ALL COLD FORMED STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISI FOR JIS G3141, SPCC
3. ALL WELDS SHALL CONFORM WITH AWS STD.
4. CONNECTORS BOLTS ASTM A307 OR ASTM A325 AS SPECIFIED WELDS E60XX ELECTRODE

F. FOUNDATION

1. FOUNDATION IS DESIGNED BASED ON THE ASSUMPTION OF 120 KPA SOIL BEARING CAPACITY FOR FOOTING NOT LESS THAN 1.5M.
2. FOUNDATION SHALL REST ON NATURAL SOIL, UNLESS OTHERWISE NOTED BY THE ENGINEER, NO PART OF THE FOUNDATION SHALL REST ON FILL.
3. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AFTER FOOTING EXCAVATION HAVE BEEN COMPLETED AND PRIOR TO CONCRETING TO CONFIRM THE DESIGN SOIL BEARING CAPACITY.
4. THE CONTRACTOR SHALL HAVE THE SOLE RESPONSIBILITY TO DEVISE & IMPLEMENT EXCAVATION PROCEDURES THAT WILL ENSURE SAFETY OF LIFE & PROPERTY.



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Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

AS SHOWN

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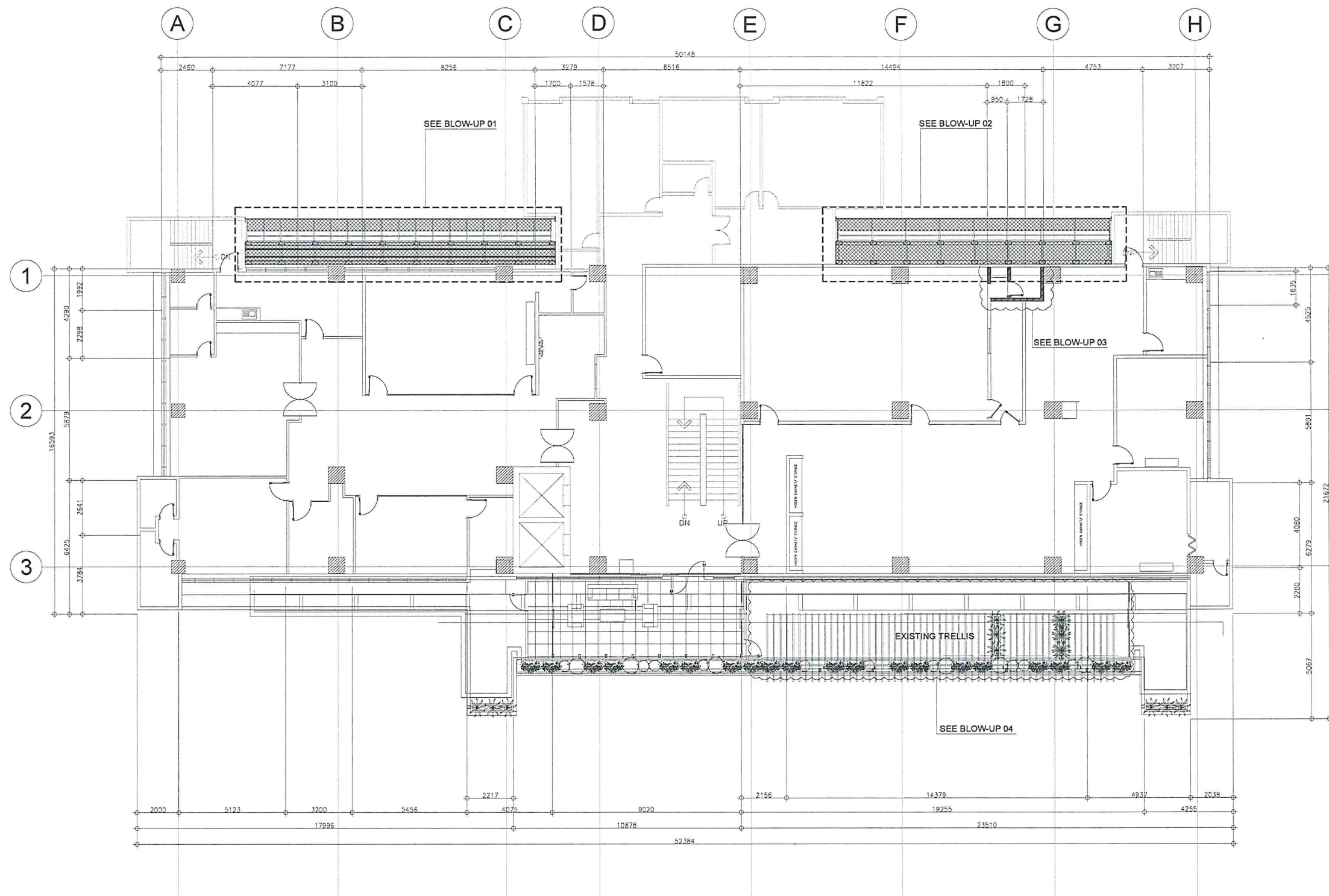
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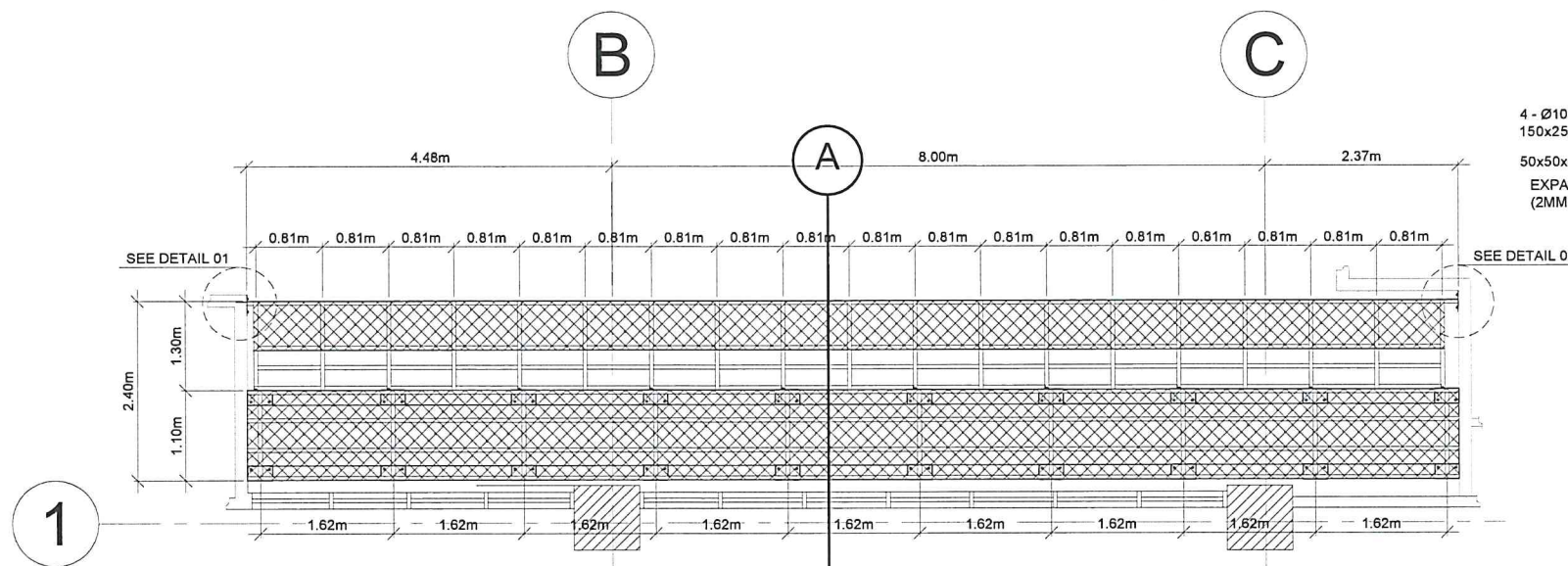
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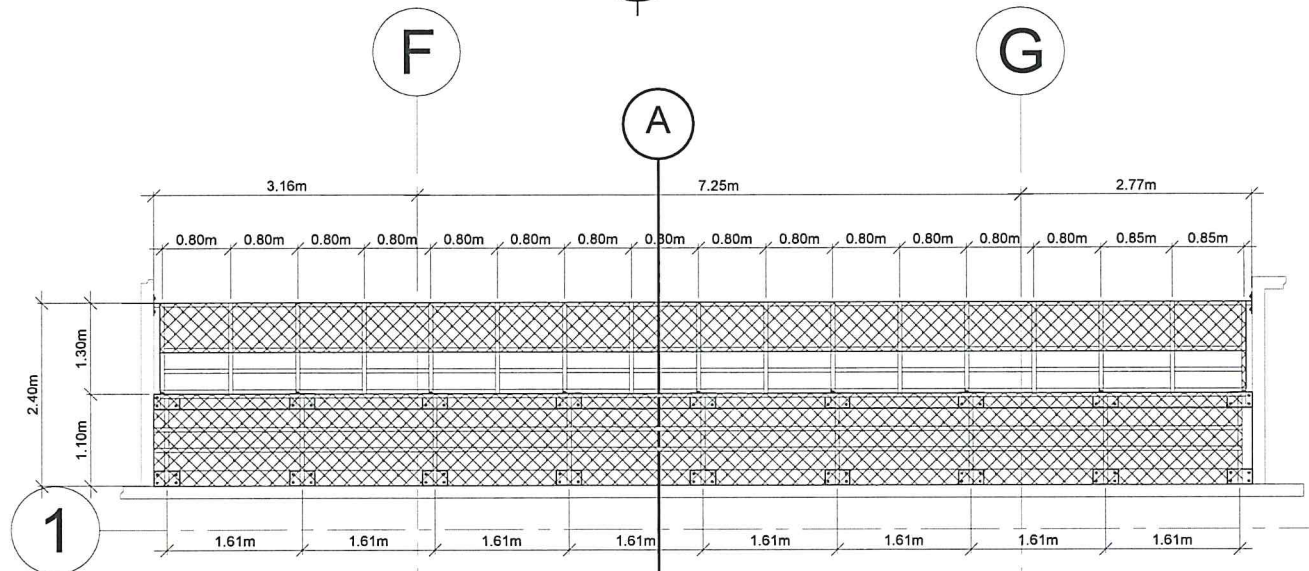
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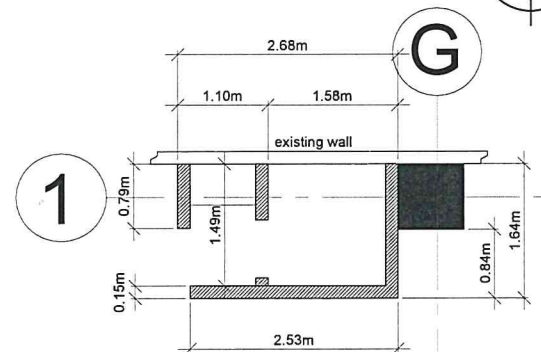
4TH FLOOR PLAN LAYOUT
SCALE 1:120M



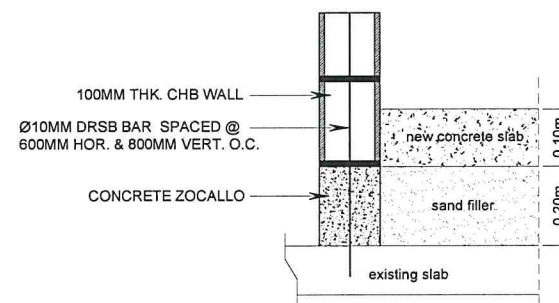
BLOW-UP 01
SCALE 1:50M



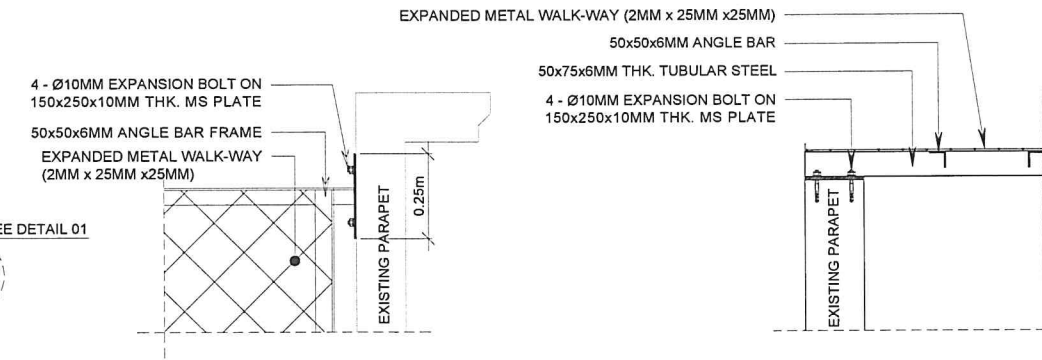
BLOW-UP 02
SCALE 1:50M



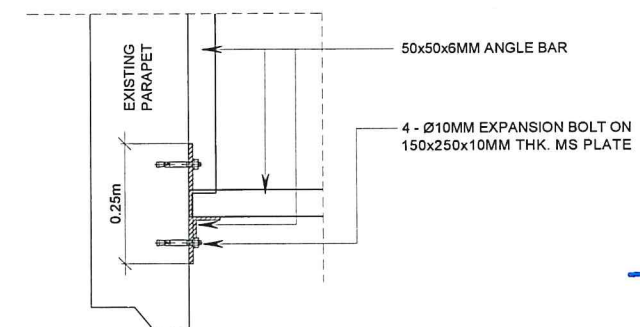
BLOW-UP 03
SCALE NTS.



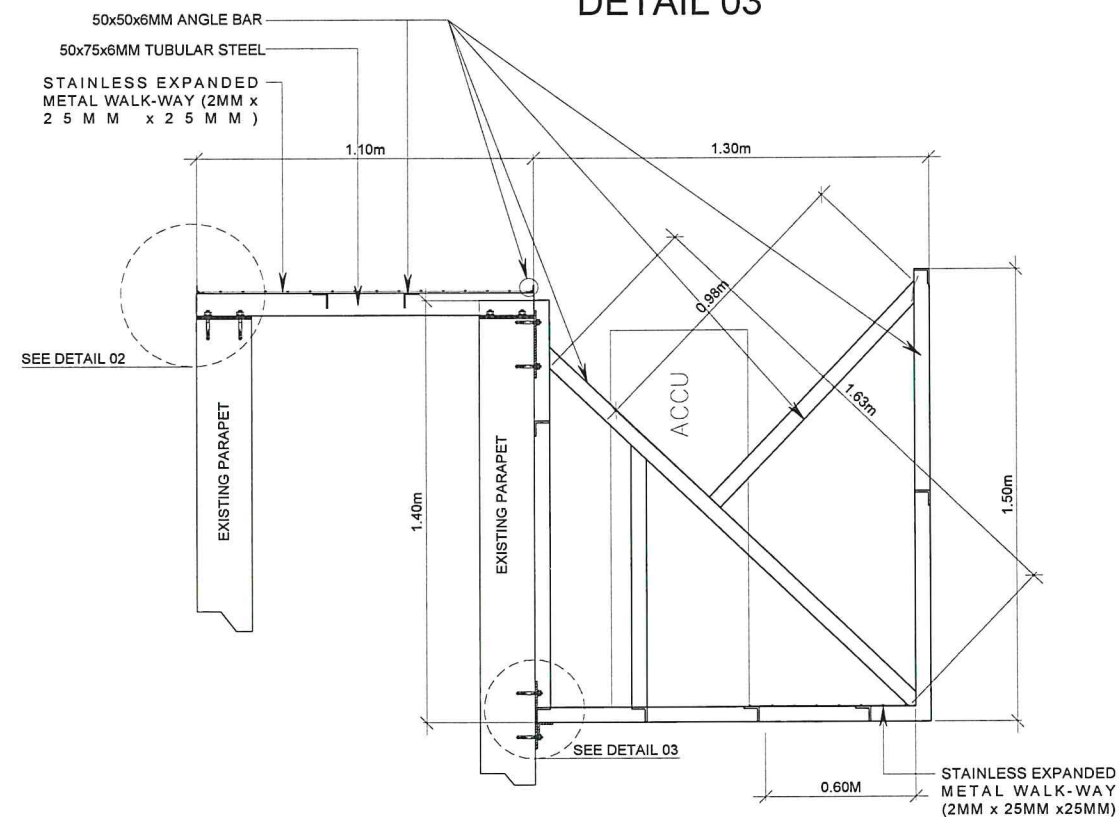
SECTION OF CHB WALL



DETAIL 01



DETAIL 02



SECTION "A" DETAILS
SCALE NTS.



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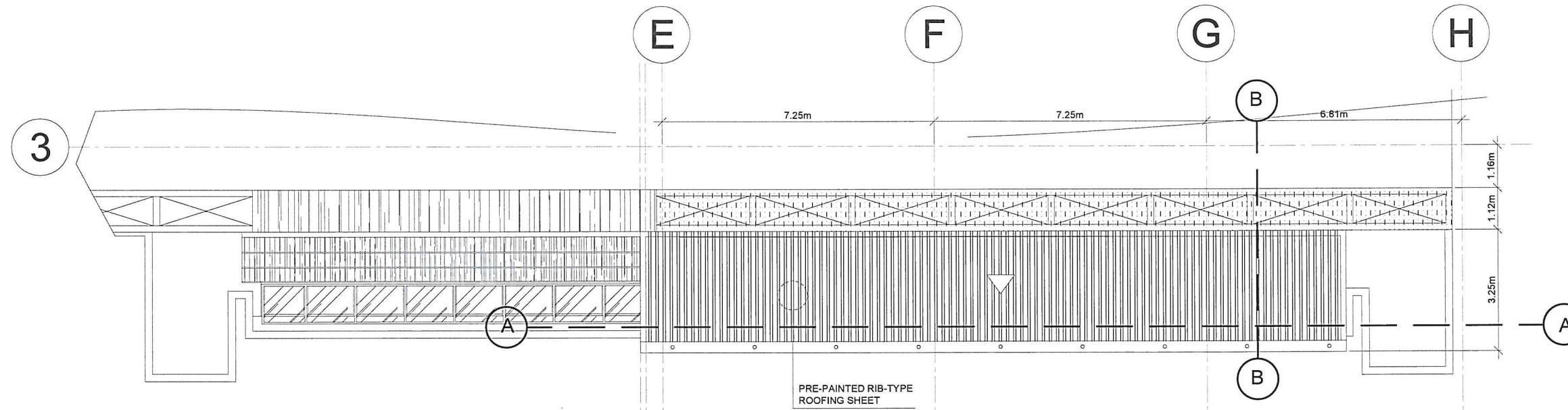
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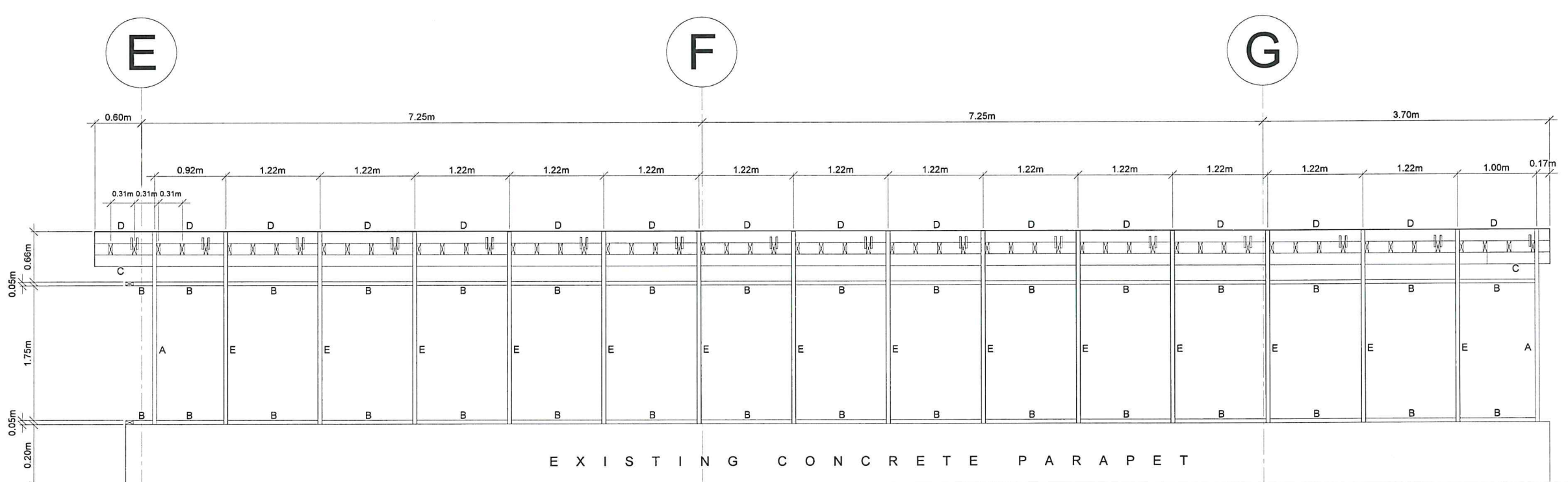
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BLOW-UP 03 (FLOOR PLAN)
SCALE 1: 75M



SECTION VIEW "A-A"
SCALE 1: 35M

DESIGNATION	MEMBER DESCRIPTION
A	ADDITIONAL 50x150x3MM TUBULAR STEEL POST
B	50x100x3MM TUBULAR STEEL WINDOW FRAME SUPPORT
C	ADDITIONAL TRELLIS SUPPORT (50x150x3MM TUBULAR STEEL)
D	50x150x1.5MM C-PURLINS
E	EXISTING TUBULAR STEEL POST

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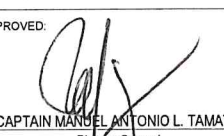
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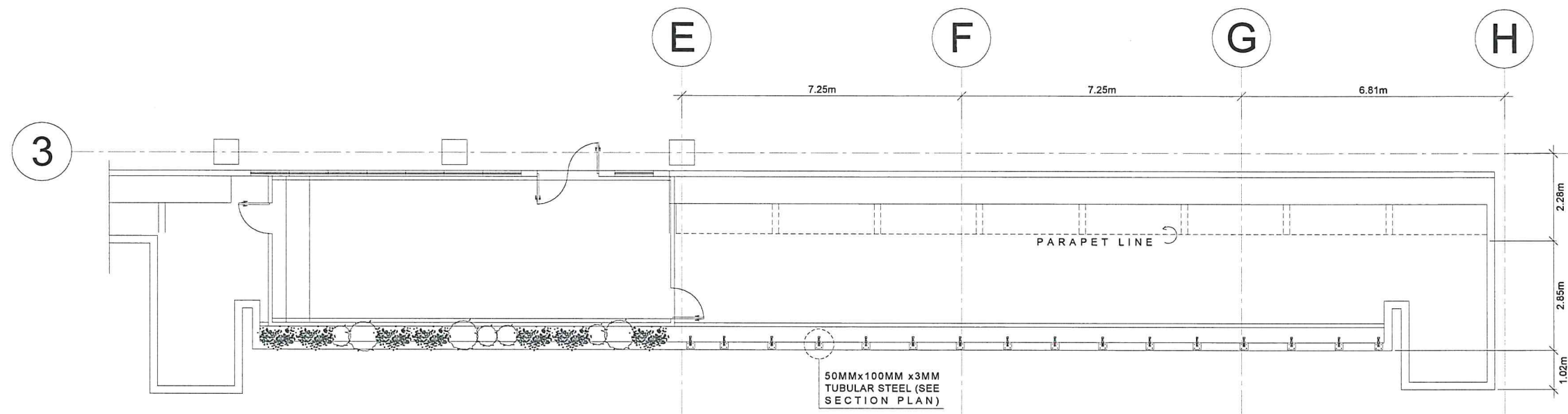
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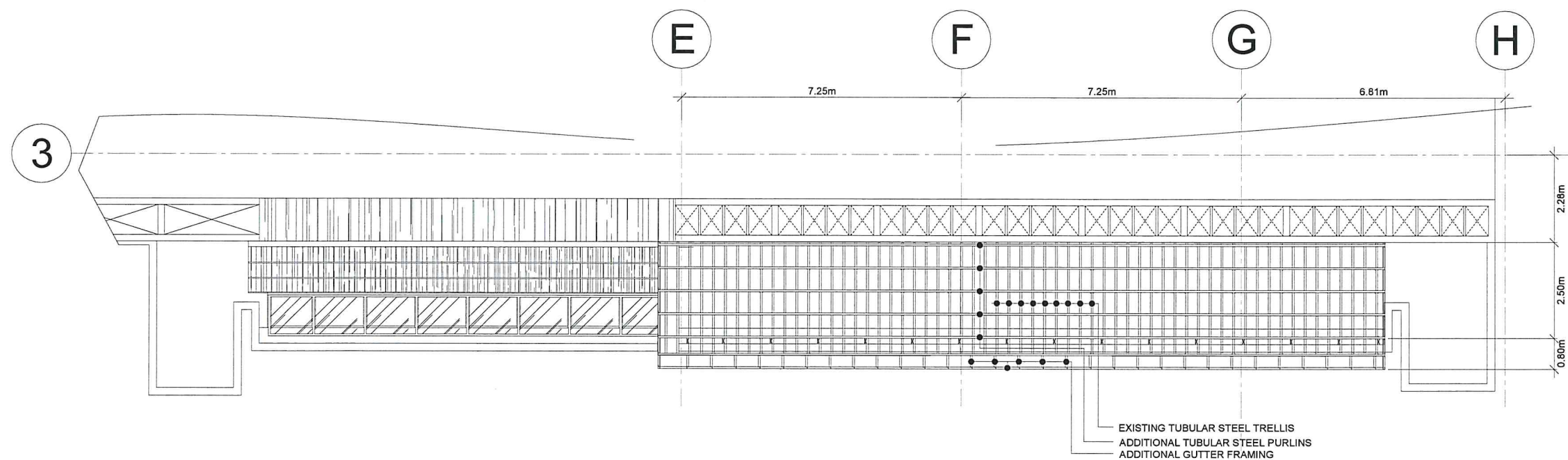
SHEET CONTENTS:

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BLOW-UP 03 (FLOOR PLAN)
SCALE 1: 75M



BLOW-UP 03 (FLOOR PLAN)
SCALE 1: 50M

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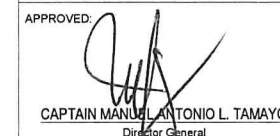

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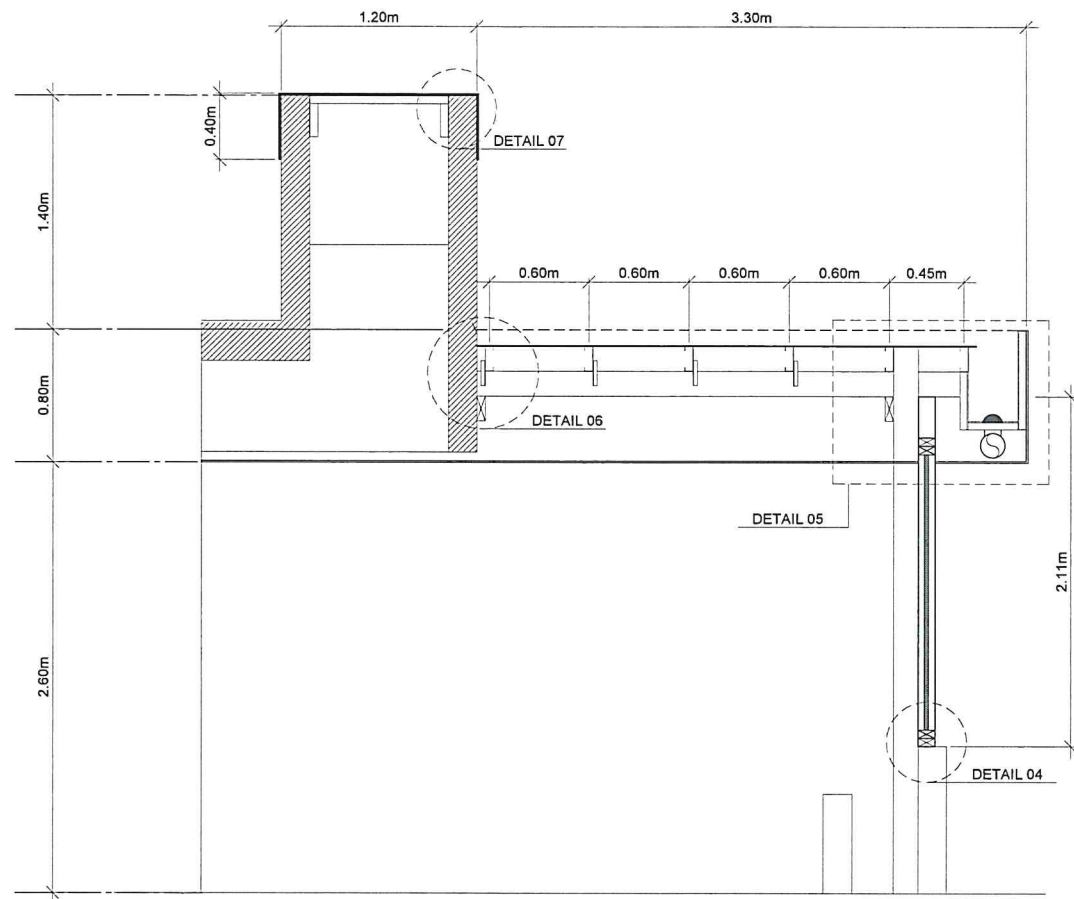
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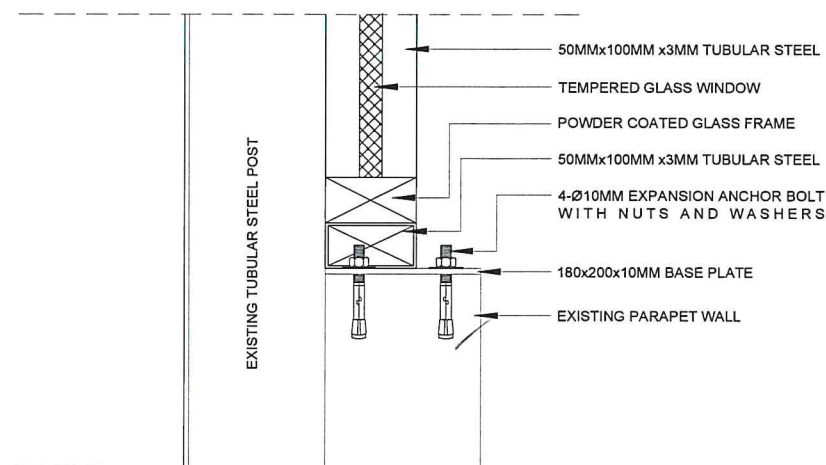
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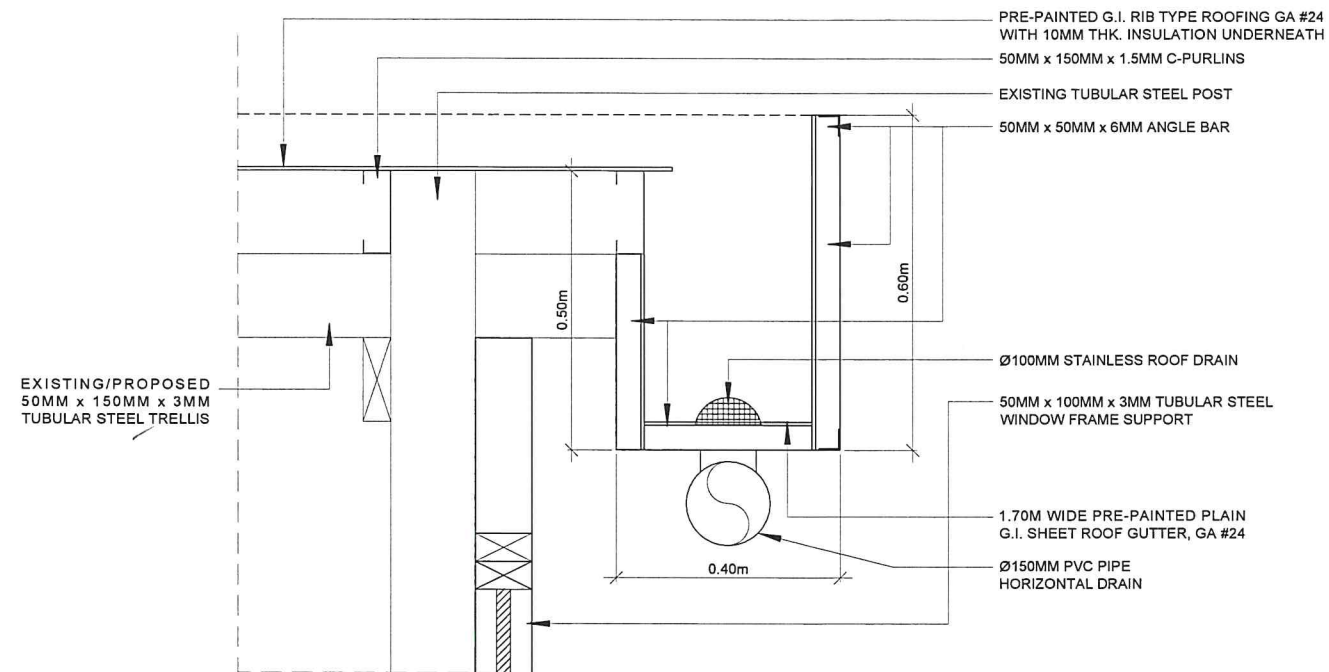
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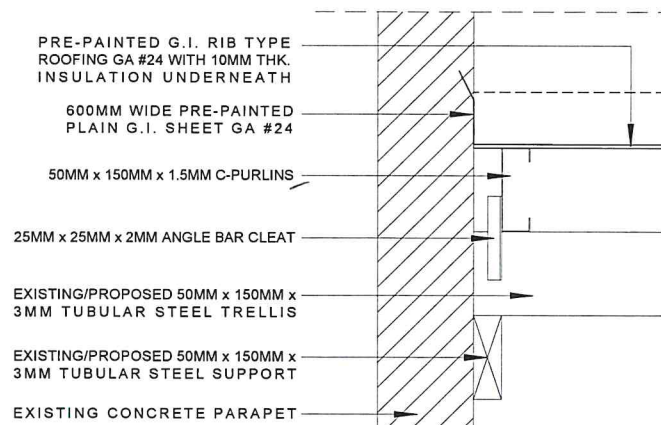
SECTION VIEW "B-B"
SCALE 1: 25M



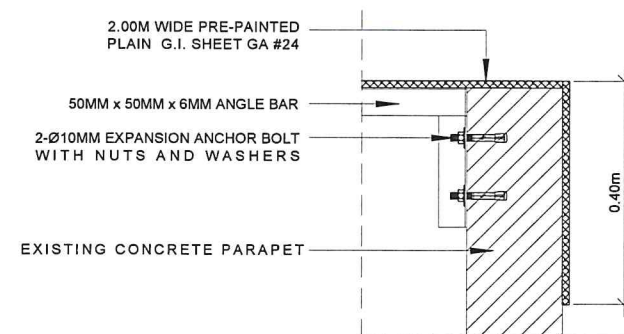
DETAIL 04



DETAIL 05



DETAIL 06



DETAIL 07

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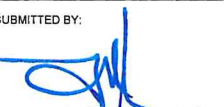
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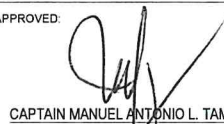
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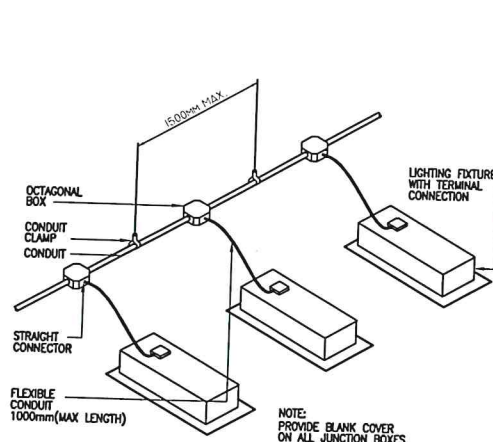
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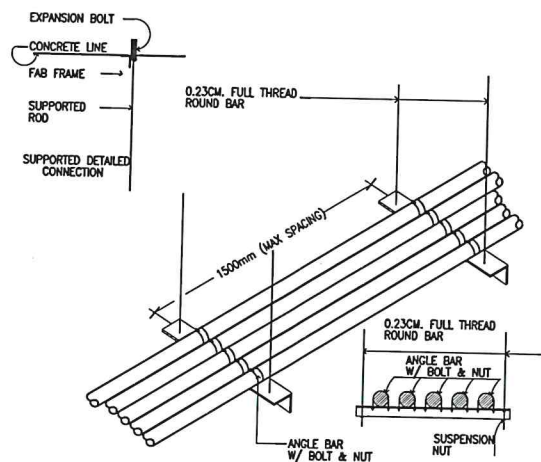
GENERAL NOTES & SPECIFICATIONS:

- ALL ELECTRICAL WORKS AND INSTALLATIONS SHALL COMPLY WITH THE PROVISIONS OF THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.
- ALL ELECTRICAL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER.
- GENERAL USED RECEPTACLE SHALL BE RATED 16 AMPERES, 2 POLE, 250 VOLTS, UNIVERSAL TYPE WITH GROUND WITH PARALLEL SLOTS, SPECIAL PURPOSE OUTLET SHALL BE OF THE TYPE AND RATING INSULATED FOR RATING SUITED FOR THE EQUIPMENT SERVED.
- ALL ELECTRICAL EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE PHILIPPINE ELECTRICAL CODE.
- ALL MATERIALS TO BE USED SHALL BE BRANDED AND SHALL BE NEW AND OF THE APPROVED TYPE FOR BOTH LOCATION AND PURPOSE INTENDED.
- ELECTRICAL PIPES, WIRES AND CABLES TO BE USED SHALL BE UNDERWRITERS LABORATORY (UL) LISTED.
- EMERGENCY LAMPS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT AND PROVIDE SIMPLEX CONVENIENCE OUTLET.
- MANHOLES, HAND HOLES, JUNCTION BOXES, PULL BOXES, AND WIRE GUTTER GAUGE NO. 16 (MINIMUM) SHALL BE PROVIDED BY THE CONTRACTOR WHENEVER REQUIRED AND NECESSARY AND SHALL BE INSTALLED AT CONVENIENT SPACE AND LOCATION TO FACILITATE WIRE PULLING EVEN IF THESE ITEMS ARE NOT SHOWN IN THE PLAN.
- ROUTING OF FEEDERS AND BRANCH CIRCUITS SHALL BE DONE IN THE FIELD WITH THE APPROVAL OF THE SUPERVISING REPRESENTATIVE OF CAAP.
- PANEL BOARD SHALL BE EQUIPPED WITH GROUND KIT TERMINALS WITH NUMBER OF TERMINALS EQUAL TO THE NUMBER OF BRANCH CIRCUITS. ALL CIRCUIT BREAKERS MUST BE MOLDED CASE CIRCUIT BREAKER BOLT-ON TYPE.
- FOR EACH SPARE BRANCH CIRCUIT IN PANEL BOARD, PROVIDE ONE 15MMØ EMPTY CONDUIT CONNECTED TO A PULL BOX AT ABOVE CEILING.
- PRINTED INDEX LABEL SHALL BE AFFIXED TO INSIDE SURFACE OF EACH PANEL BOARD DOOR, CLEARLY INDICATING AREA AND TYPE OF LOAD SERVED BY EACH BRANCH CIRCUIT PROTECTIVE DEVICE, INCLUDING SPARES. HAND WRITTEN WILL NOT BE ACCEPTED. ENGRAVED LAMINATED PLASTIC IDENTIFICATION PLATES SHALL BE FURNISHED AND INSTALLED ON ALL PANELS, PANELS SHALL BE AFFIXED IN FRONT OF PANELS.
- LOAD DATA IS BASED ON INFORMATION GIVEN TO THE ENGINEER AT THE TIME OF DESIGN. VERIFY ALL EQUIPMENT NAMEPLATE RATING BEFORE ORDERING.
- FURNISH AND INSTALL DISCONNECT SWITCHES, WIRING AND CONNECTIONS ON AIR CONDITIONING SYSTEM AS SHOWN ON PLANS. ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE WITH MECHANICAL CONTRACTOR REGARDING SUPPLY AND INSTALLATION OF ALL REQUIRED CONTROLS AND CIRCUIT PROTECTION.
- ALL PIPES AND SLEEVES SHALL BE PROVIDED WITH PROPER SUPPORT OR ANCHORAGE RUNWAY OR PERMANENT CONNECTION WITH CONCRETE WALL OR BEAM.
- MOUNTING HEIGHT SHALL BE AS FOLLOWS:
 - LIGHTING SWITCHES 1.40m FROM CENTER OF DEVICE TO FINISHED FLOOR LEVEL
 - CONVENIENCE OUTLETS 0.35m FROM CENTER OF DEVICE TO FINISHED FLOOR LEVEL
 - PANELBOARD 1.80m FROM TOP OF PANEL TO FINISHED FLOOR LEVEL
- COLOR CODING OF WIRES AND CABLES SHALL BE AS FOLLOWS:

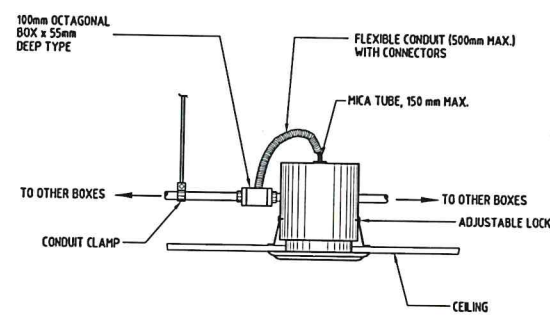
LINE 1	RED
LINE 2	YELLOW
LINE 3	BLUE
GROUND	GREEN
- SECURING OF NECESSARY ELECTRICAL PERMITS, CEI, AND OTHER NECESSARY REQUIREMENTS SHALL BE PART OF THE GENERAL CONTRACTOR INCLUDING COORDINATION/APPLICATION WITH THE UTILITY COMPANY FOR POWER INTERRUPTION.
- THE CONTRACTOR SHALL BE RESPONSIBLE IN THE REMOVAL OF THE EXISTING CIRCUIT BREAKERS AT EXISTING PANEL DPA AND THE INSTALLATION OF NEW CIRCUIT BREAKERS. VERIFY THE AMPERE FRAME OF CIRCUIT BREAKERS TO BE INSTALLED.
- THE CONTRACTOR SHALL BE RESPONSIBLE IN THE TERMINATION OF MAIN FEEDER LINES FROM PANEL MDP TO EXISTING PANEL DPA AT ELECTRICAL ROOM AS INDICATED ON THE APPROVED PLANS. INSTALL NEW 250AT 250AF MCCB AT 4MDP112.
- ALL WORKS SHALL BE EXECUTED IN A WORKMANSHIP MANNER AND SHALL PRESENT A NEAT AND ORDERLY ACCEPTANCE. ALL WIRING SHALL BE CONCEALED AS MUCH AS POSSIBLE.



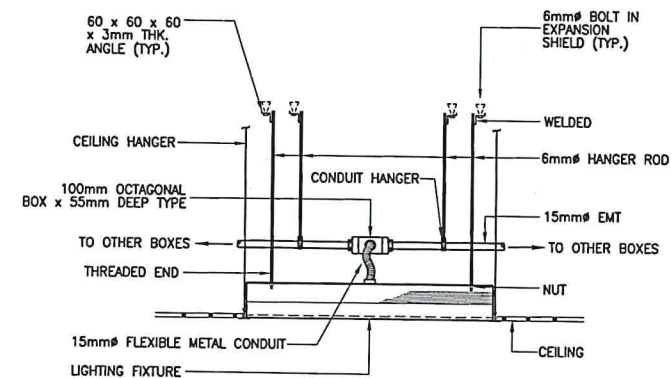
WIRING METHOD



CONDUIT ARRANGEMENT



RECESSED LED DOWNLIGHT



RECESSED LED PANEL LIGHT

LEGEND

⊗ A	10-WATTS 220V-240V 800-LUMEN RECESSED TYPE LED GLARE-FREE CIRCULAR DOWNLIGHT, LAMP AND DRIVER IN ONE ASSEMBLY, POLYCARBONATE PLASTIC WITH OPAQUE DIFFUSER, 125mmØ x 73mm AND 110mmØ CUTOUT SIZE; LETTER DENOTES CONTROL/SWITCH.
● A	10-WATTS 220V-240V 850-LUMEN RECESSED TYPE LED CIRCULAR DOWNLIGHT, LAMP AND DRIVER IN ONE ASSEMBLY, MOLDED PLASTIC LAMP CASING, MATTE WHITE FINISH, 120mm DIAMETER AND 105mmØ CUTOUT SIZE; LETTER DENOTES CONTROL/SWITCH.
⊗ A	300mm PENDANT INDOOR LIGHT, BLACK+WOOD SHADE COLOR, METAL+WOOD SHADE MATERIAL, BLACK CANOPY COLOR AND METAL CANOPY MATERIAL, 300mmØ x 255mm, WITH 12-WATTS E27 LED BULB; LETTER DENOTES CONTROL/SWITCH.
■ A	40-WATTS 220V-240V 4000-LUMEN RECESSED TYPE LED PANEL LIGHT, 600mm x 600mm; LETTER DENOTES CONTROL/SWITCH.
⊗ A	8-WATTS 100V-240V 600-LUMEN LED TRACK LIGHT, 52mm DIAMETER; LETTER DENOTES CONTROL/SWITCH.
— A	LED STRIP LIGHT, 220V-240V, 8-WATTS PER METER, 350-LUMEN PER METER, 15mm WIDTH, WITH AC POWER CORD; LETTER DENOTES CONTROL/SWITCH.
⊗ A	DUAL OPTICS EMERGENCY LIGHT, 2x5WATTS LED BULB 100V-240V 1200LM 6500K, ADJUSTABLE LAMP HEADS, WITH 6V 3.0Ah SEALED ACID BATTERY, 258mm x 255mm x 68mm.
⊗ A	SIMPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER
⊗ A	DUPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER
⊗ WP	WEATHERPROOF DUPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER
⊗ A	POP-UP FLOOR BOX WITH DUPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16A, 250V WITH SAFETY SHUTTER AND STAINLESS STEEL FINISH
⊗ 250	POP-UP TABLE TOP/FLOOR BOX WITH DUPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND 16A 250V, HDMI OUTLET, VGA OUTLET, USB OUTLET, AND 2-CAT6 LAN OUTLET
1 A	ONE-GANG, ONE WAY SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER; LETTER DENOTES LIGHTS BEING CONTROLLED
2 AB	TWO-GANG, ONE WAY SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER; LETTER DENOTES LIGHTS BEING CONTROLLED
3 ABC	THREE-GANG, ONE WAY SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER; LETTER DENOTES LIGHTS BEING CONTROLLED
■	SQUARE CEILING MOUNTED EXHAUST FAN
▶	TWO-GANG CAT6 LAN OUTLET, WIDE SERIES
■	24-PORTS RJ45 BLANK PATCH NETWORK PANEL ALL-METAL RACK MOUNT SUITABLE FOR CAT6 INSERTED WITH ETHERNET CABLE
⊗	POP-UP FLOOR BOX STAINLESS STEEL FINISH, WITH 3-WAY XLR FEMALE CONNECTOR
⊗	ENCLOSED CIRCUIT BREAKER
→ LPP-01	CIRCUIT HOMERUN TO PANELBOARD
■	PANEL BOARD (SEE SCHEDULE OF LOADS AND PANEL DIAGRAM FOR DETAILS)



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NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF
FOURTH FLOOR

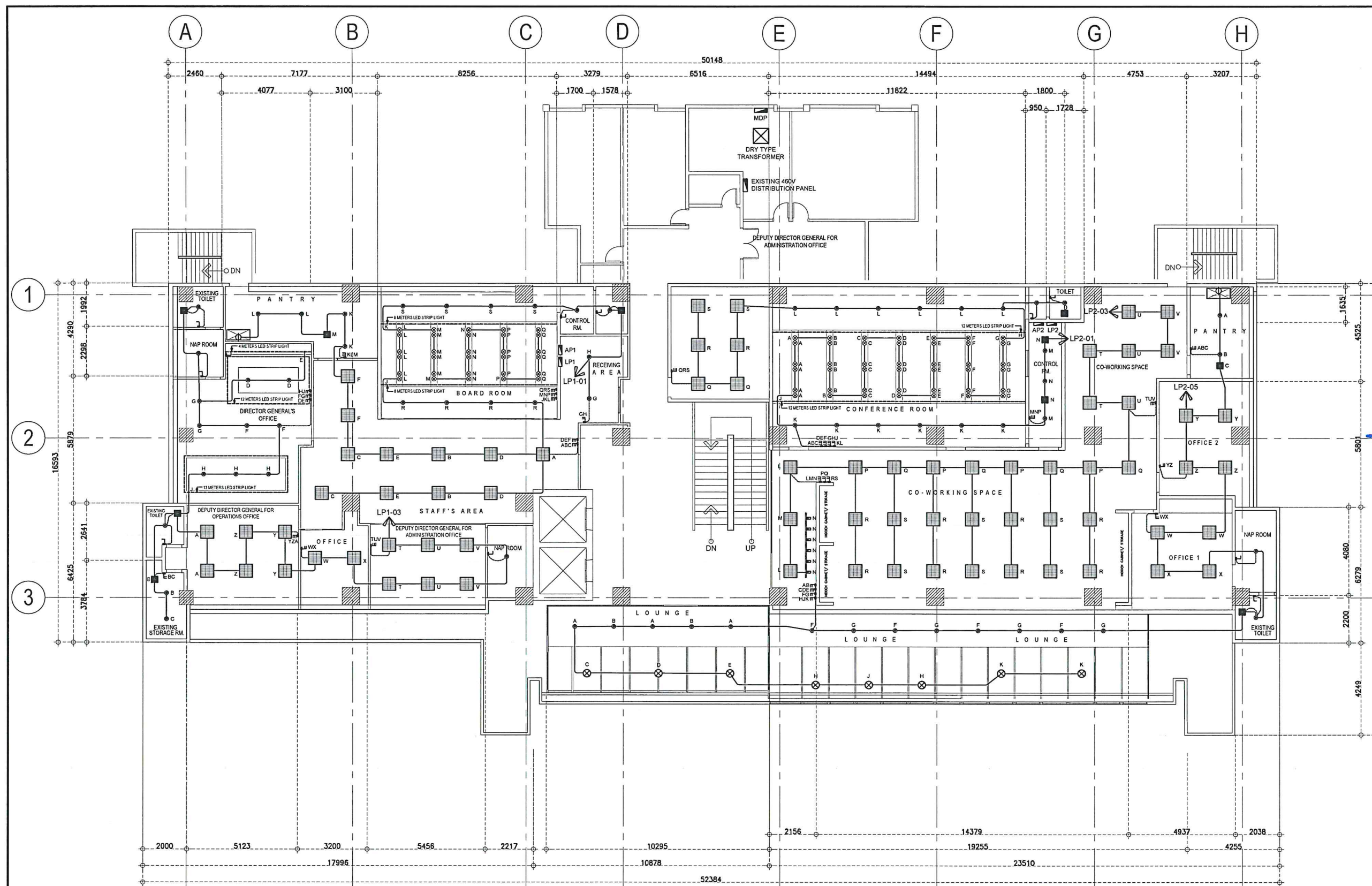
LOCATION:
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:
GENERAL NOTES
LEGENDS
MISCELLANEOUS DETAILS

DRAWING SCALE: SHEET NO.
E-01

1 GENERAL NOTES, LEGENDS, & MISCELLANEOUS DETAILS
E-01 E-01 SCALE:

NTS



IMPROVEMENT/REHABILITATION OF 4TH FLOOR
LIGHTING LAYOUT PLAN
 1
 E-02 SCALE: 1:100M



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 DEPARTMENT OF TRANSPORTATION
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 AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
 NAIA ROAD, 1500 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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 Assistant Director General II, ADMS

APPROVED:
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 Director General

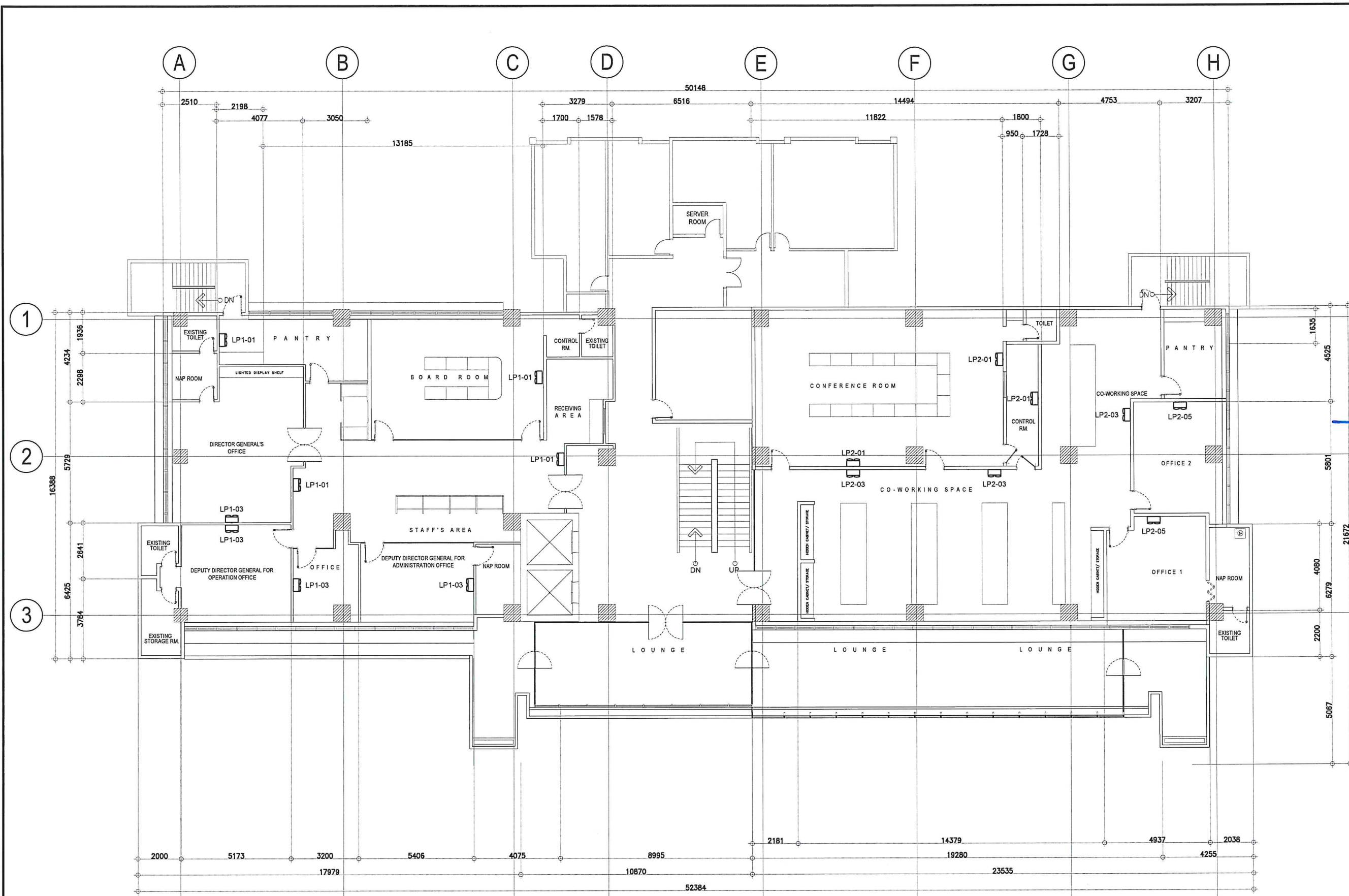
NOTES/REVISIONS:

PROJECT:
 IMPROVEMENT/REHABILITATION OF FOURTH FLOOR



LOCATION:
 CAAP-ADMINISTRATION BUILDING
 OLD MIA RD., PASAY CITY

SHEET CONTENTS:
 LIGHTING LAYOUT PLAN

DRAWING SCALE: SHEET NO.
 E-02



1
 E-03 E-03
 SCALE: 1:100M
 IMPROVEMENT/REHABILITATION OF 4TH FLOOR
EMERGENCY LIGHTING PLAN

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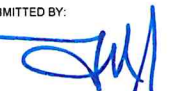
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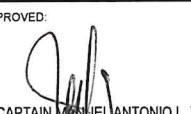
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NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

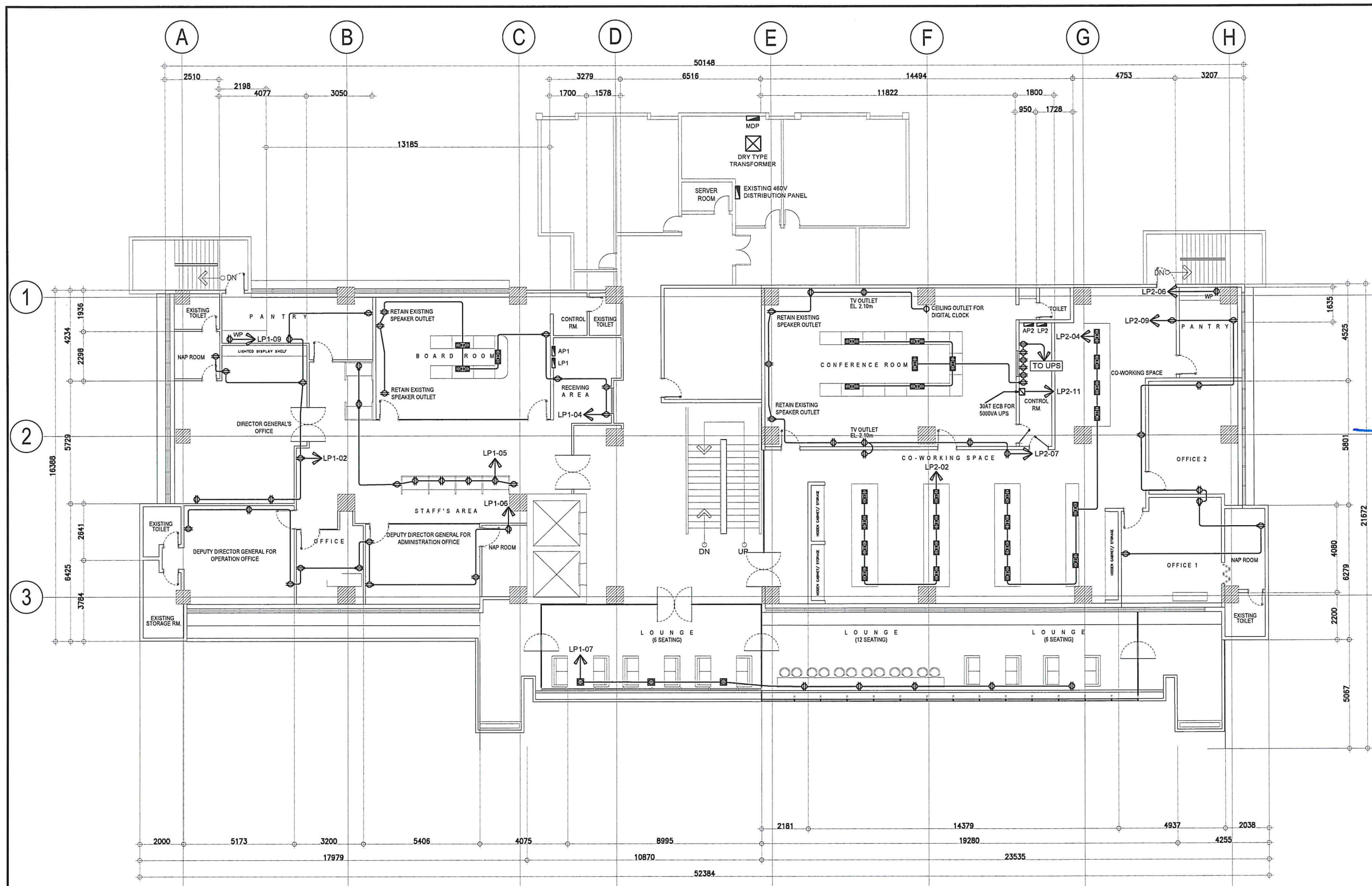
LOCATION:



**CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY**

SHEET CONTENTS:

EMERGENCY LIGHTING PLAN

DRAWING SCALE:	SHEET NO.
	E-03





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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

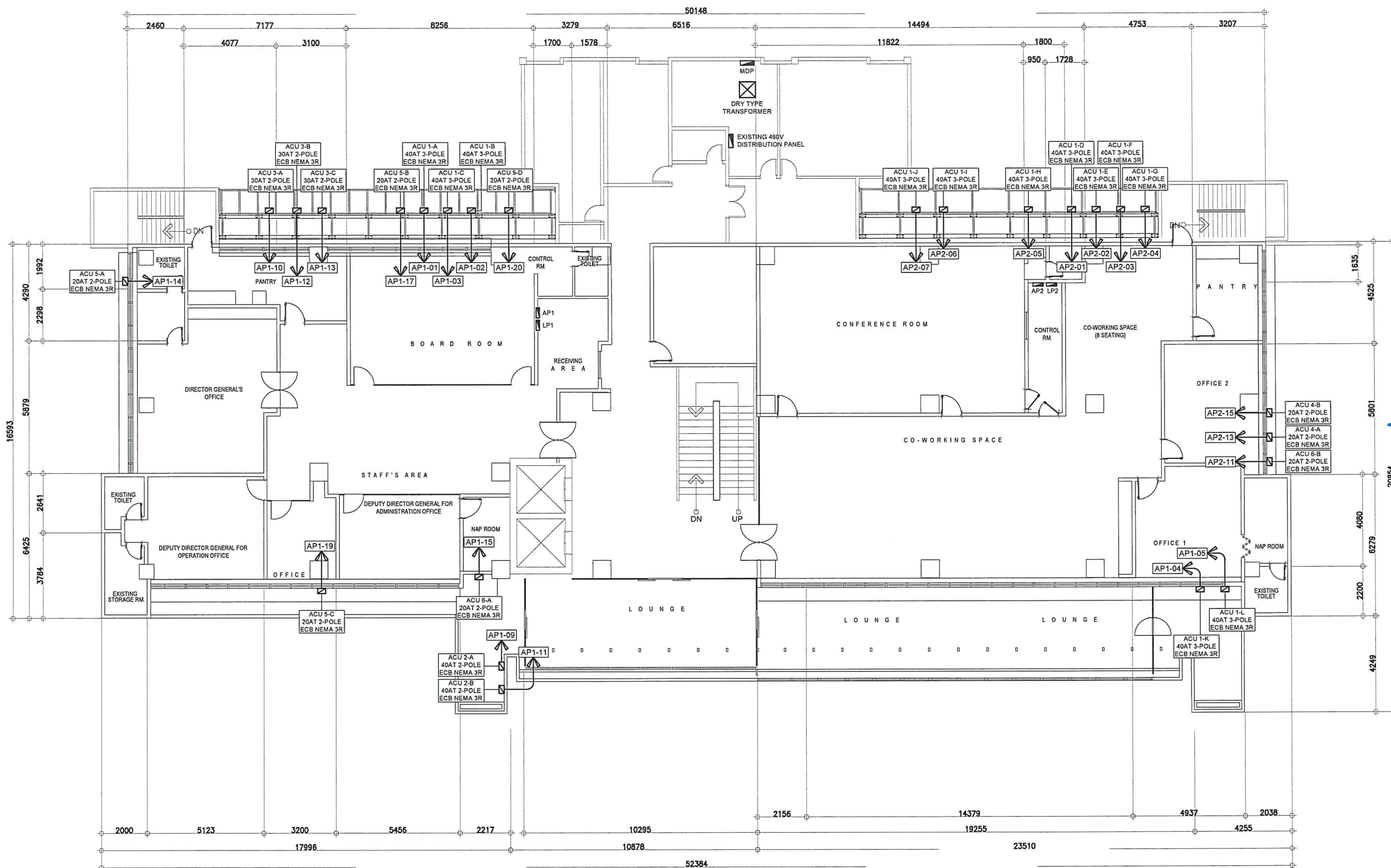
SHEET CONTENTS:

POWER LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
	E-04

1
E-04

IMPROVEMENT/REHABILITATION OF 4TH FLOOR
POWER LAYOUT PLAN
SCALE: 1:100M



1
IMPROVEMENT/REHABILITATION OF 4TH FLOOR
ACU POWER LAYOUT PLAN
 SCALE: 1:100M

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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

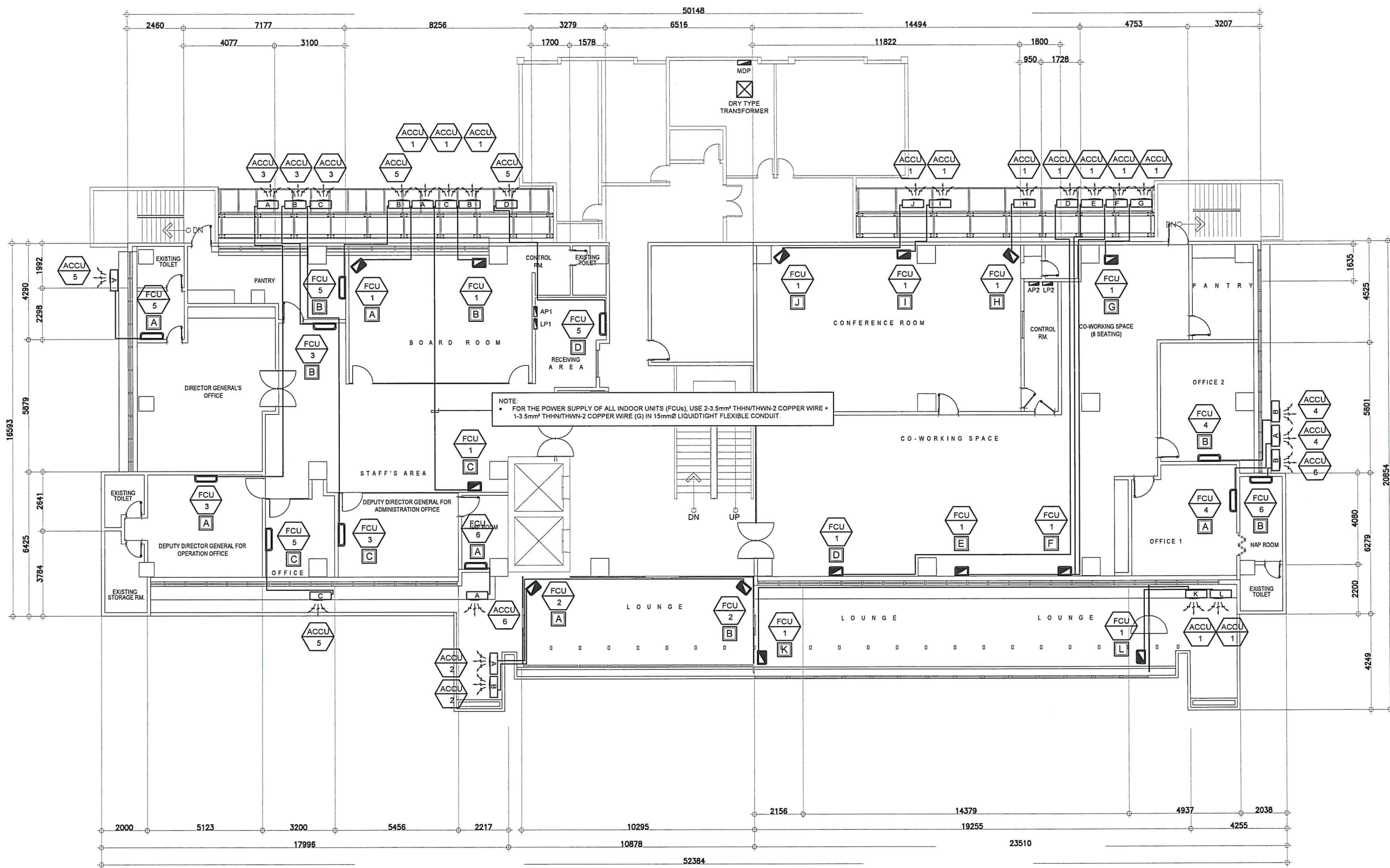
LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY



SHEET CONTENTS:

ACU POWER LAYOUT PLAN

DRAWING SCALE:	SHEET NO.
	E-05



IMPROVEMENT/REHABILITATION OF 4TH FLOOR
FCU POWER LAYOUT PLAN
 SCALE: 1:100M

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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION


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NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

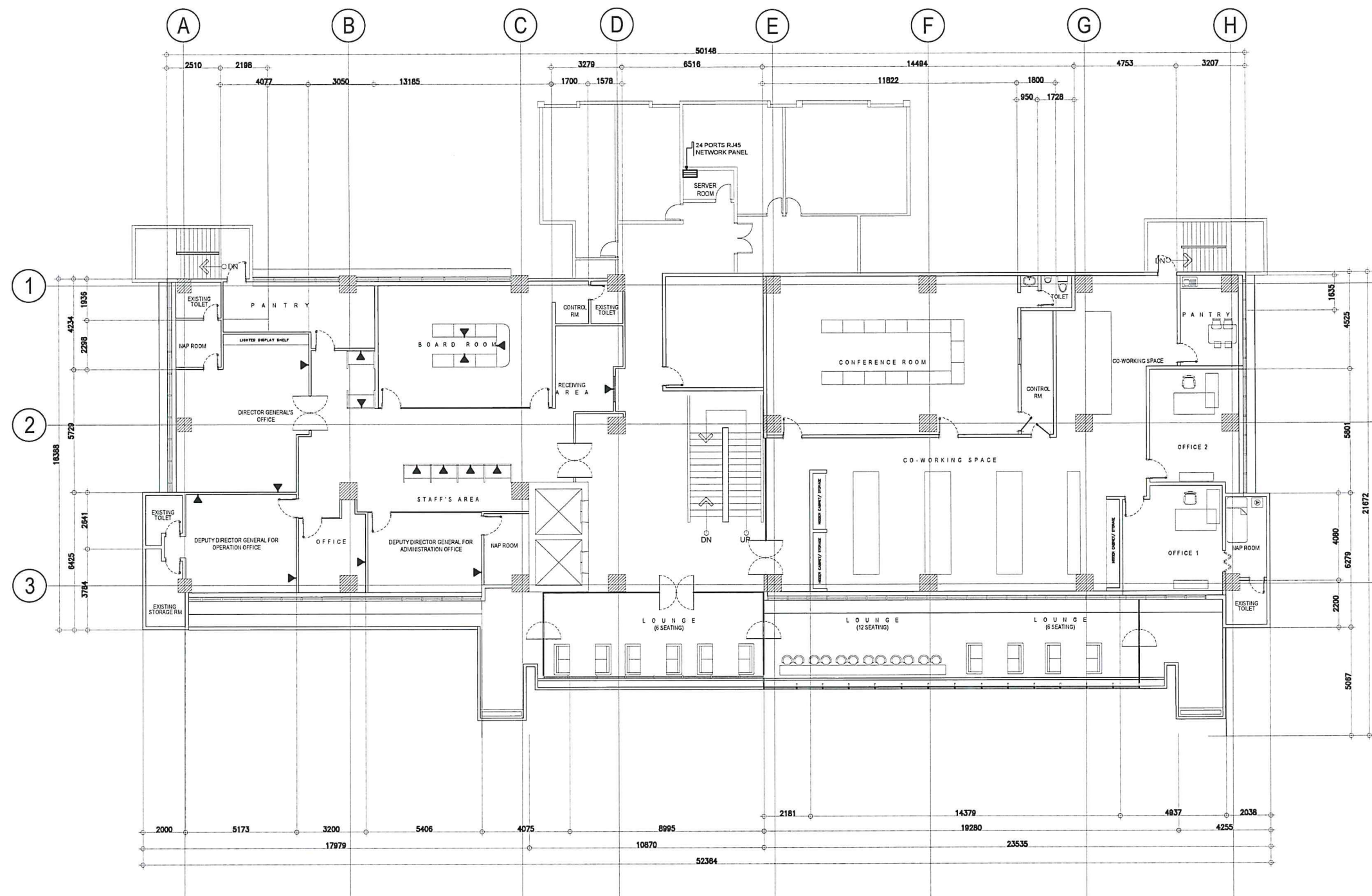
**CAAP-ADMINISTRATION BUILDING
 OLD MIA RD., PASAY CITY**

SHEET CONTENTS:

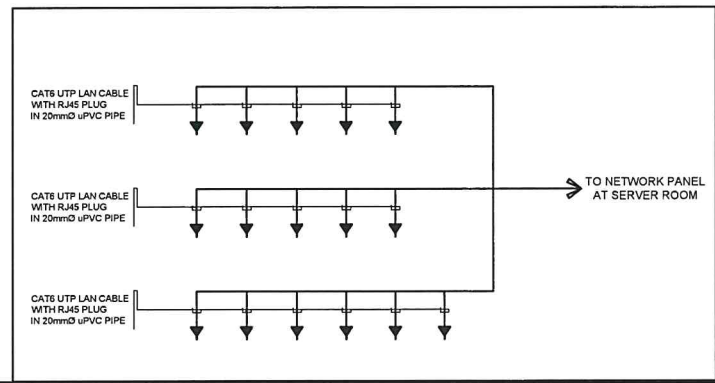
FCU POWER LAYOUT PLAN

DRAWING SCALE: SHEET NO:

E-06



1
E-07 IMPROVEMENT/REHABILITATION OF 4TH FLOOR
TELEPHONE AND DATA LAYOUT PLAN
SCALE: 1:125M



2
E-07 IMPROVEMENT/REHABILITATION OF 4TH FLOOR
TELEPHONE AND DATA SINGLE LINE DIAGRAM
SCALE: NTS




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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

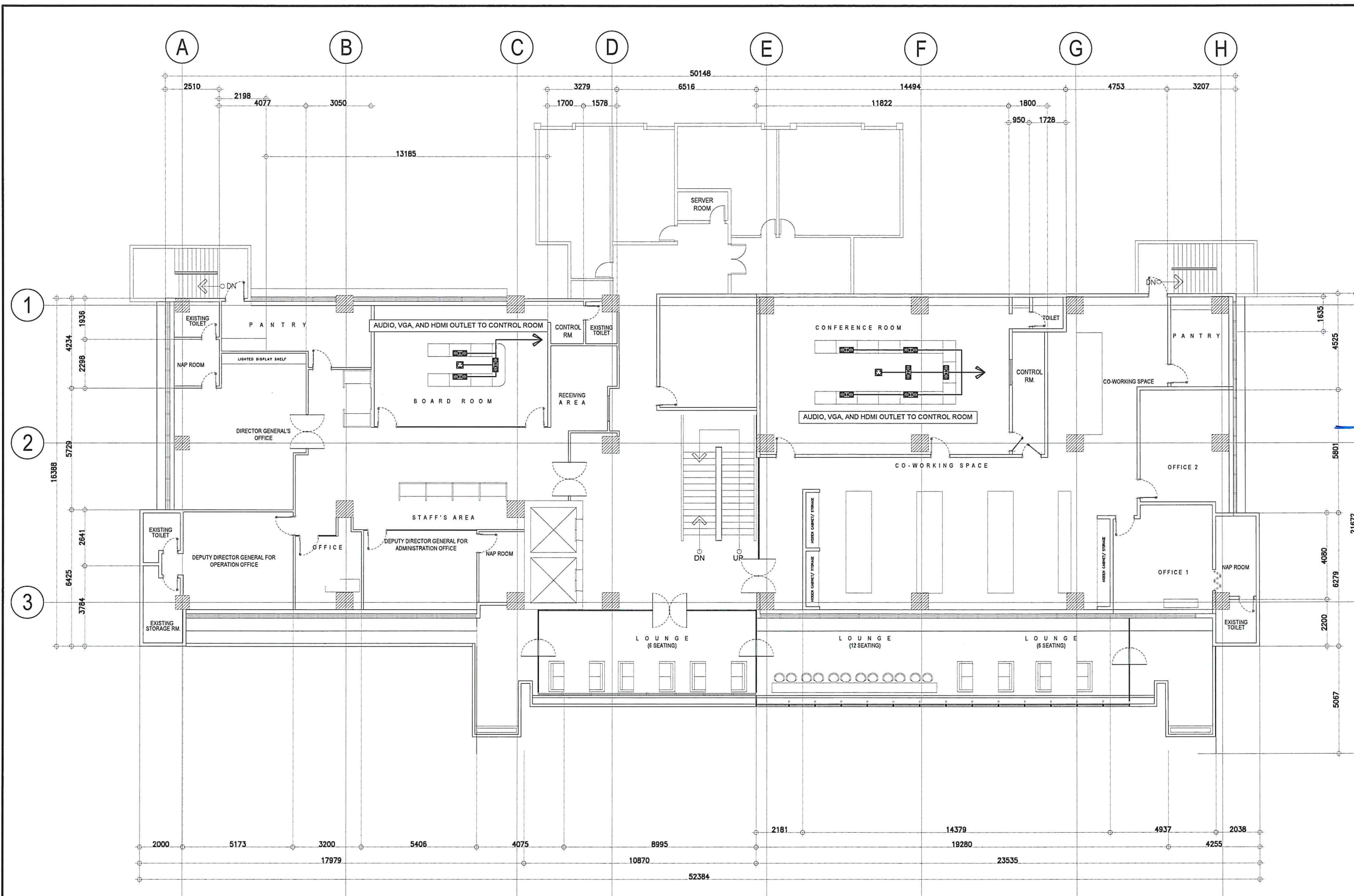
LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:



TELEPHONE AND DATA LAYOUT PLAN
TELEPHONE AND DATA SINGLE LINE DIAGRAM

DRAWING SCALE:	SHEET NO.
	E-07



1
E-08 E-08

IMPROVEMENT/REHABILITATION OF 4TH FLOOR
MULTIMEDIA AND AUDIO LAYOUT PLAN
SCALE: 1:100M



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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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NOTES/REVISIONS

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

**CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY**

SHEET CONTENTS:

MULTIMEDIA AND AUDIO LAYOUT PLAN

DRAWING SCALE:	SHEET NO.
	E-08



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AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

DESIGN STAFF:	INITIAL / DATE
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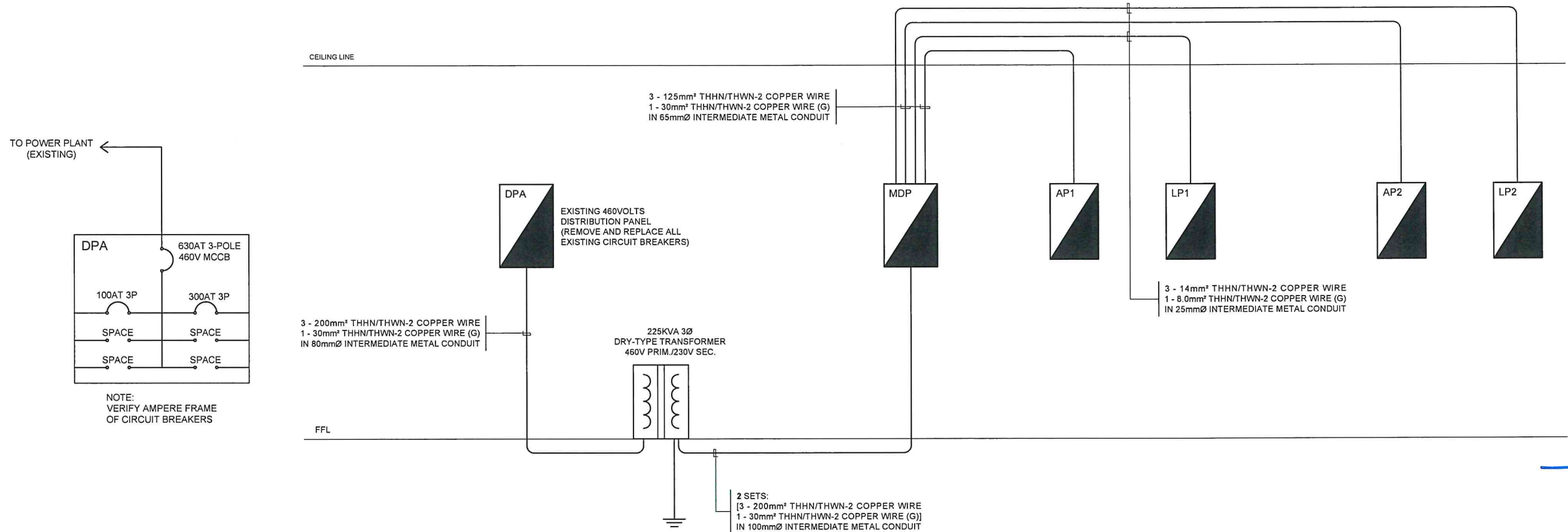
NOTES/REVISIONS:

PROJECT:
**IMPROVEMENT/REHABILITATION OF
FOURTH FLOOR**

LOCATION:
**CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY**

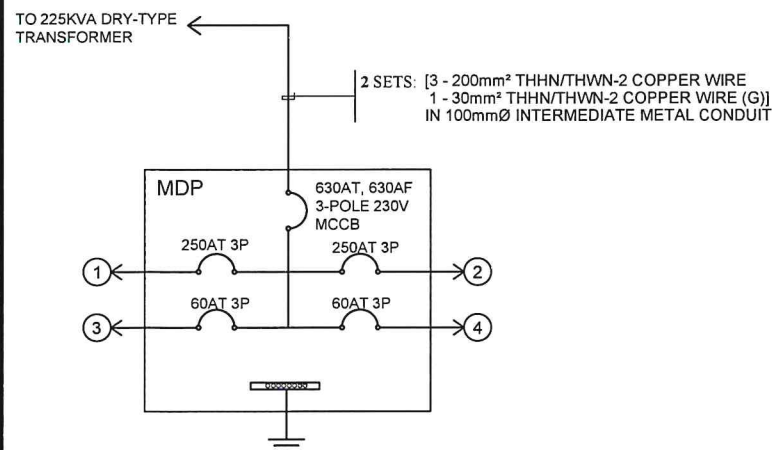
SHEET CONTENTS:
POWER SYSTEM SINGLE-LINE DIAGRAM
SCHEDULE OF LOADS
PANEL DIAGRAM

DRAWING SCALE:	SHEET NO.
	E-09



3 IMPROVEMENT/REHABILITATION OF 4TH FLOOR
PANEL DIAGRAM
E-09/E-09 SCALE: NTS

1 IMPROVEMENT/REHABILITATION OF 4TH FLOOR
POWER SYSTEM SINGLE-LINE DIAGRAM
E-09/E-09 SCALE: NTS



4 IMPROVEMENT/REHABILITATION OF 4TH FLOOR
PANEL DIAGRAM
E-09/E-09 SCALE: NTS

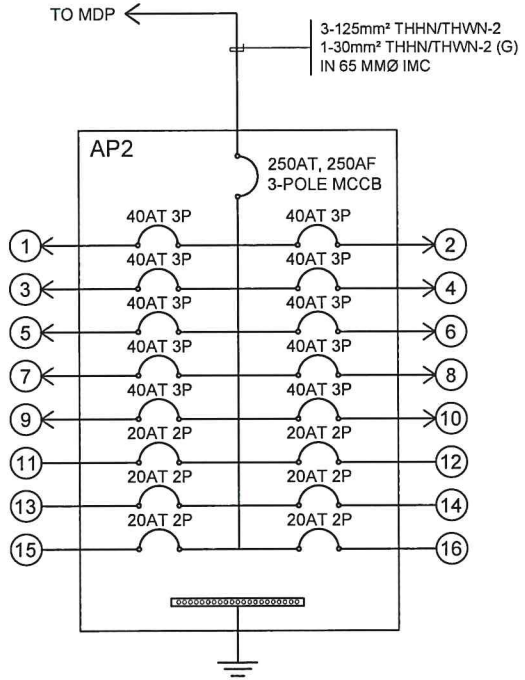
PANEL MDP								MOUNTING : SURFACE MOUNT				
MAIN : 630AT, 630AF, 3P, 230V, 60HZ MCCB								LOCATION : ELECTRICAL ROOM				
CKT. No.	LOAD DESCRIPTION	VOLT	PHASE	AMPERE RATING				CB RATING			NUMBER & SIZE OF WIRE	SIZE OF CONDUIT
				ØAB	ØBC	ØCA	3Ø	AT	AF	P		
1	PANEL AP1	230	3	39.50	35.50	40.50	145.60	250	250	3	3 - 125mm² THHN/THWN-2 CU WIRE + 1 - 30mm² THHN/THWN-2 CU WIRE +	65mmØ IMC
2	PANEL AP2	230	3	13.02	16.02	16.02	182.00	250	250	3	3 - 125mm² THHN/THWN-2 CU WIRE + 1 - 30mm² THHN/THWN-2 CU WIRE +	65mmØ IMC
3	PANEL LP1	230	3	25.55	26.34	26.88		60	100	3	3 - 14mm² THHN/THWN-2 CU WIRE + 1 - 8.0mm² THHN/THWN-2 CU WIRE +	25mmØ IMC
4	PANEL LP2	230	3	26.71	27.21	27.73		60	100	3	3 - 14mm² THHN/THWN-2 CU WIRE + 1 - 8.0mm² THHN/THWN-2 CU WIRE +	25mmØ IMC
T O T A L				104.78	105.07	111.13	327.60					
COMPUTATION:				FOR THE FEEDER CONDUCTORS:				FOR THE FEEDER CIRCUIT PROTECTION:				
I _{3Ø} = 111.13√3 + 327.60				USE 2 SETS: [3 - 200mm² THHN/THWN-2 COPPER WIRE				USE: 630AT, 630AF, 3-POLE, 230V, 70KAIC MCCB				
I _{3Ø} = 520.08 A				1 - 30mm² THHN/THWN-2 COPPER WIRE (G)]								
				IN 100mmØ INTERMEDIATE METAL CONDUIT								

2 IMPROVEMENT/REHABILITATION OF 4TH FLOOR
SCHEDULE OF LOADS
E-09/E-09 SCALE: NTS

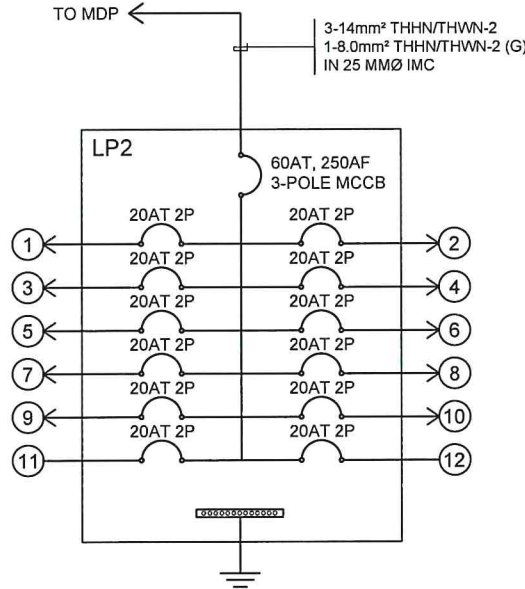
PANEL AP1										MOUNTING : FLUSH MOUNT									
MAIN : 250AT, 250AF, 3P, 230V, 60HZ MCCB										LOCATION : ODG RECEIVING AREA									
CKT. No.	LOAD DESCRIPTION	NO. OF OUTLET	VOLT	VA PER CIRCUIT	PHASE	AMPERE RATING				CB RATING			NUMBER & SIZE OF WIRE	SIZE OF CONDUIT					
						ØAB	ØBC	ØCA	3Ø	AT	AF	P							
1	7.0HP ACU 1-A	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
2	7.0HP ACU 1-B	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
3	7.0HP ACU 1-C	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
4	7.0HP ACU 1-K	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
5	7.0HP ACU 1-L	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
6	SPARE		230	7250	3				18.20	40	100	3		15mmØ EMT					
7	SPARE		230	7250	3				18.20	40	100	3		15mmØ EMT					
8	SPARE		230	7250	3				18.20	40	100	3		15mmØ EMT					
9	4.0HP ACU 2-A	1	230	4600	1	20.00				40	100	2	2 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
10	3.0HP ACU 3-A	1	230	2990	1	13.00				30	100	2	2 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
11	4.0HP ACU 2-B	1	230	4600	1			20.00		40	100	2	2 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
12	3.0HP ACU 3-B	1	230	2990	1			13.00		30	100	2	2 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
13	3.0HP ACU 3-C	1	230	2990	1		13.00			30	100	2	2 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
14	1.5HP ACU 5-A	1	230	1725	1		7.50			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
15	1.0HP ACU 6-A	1	230	1495	1	6.50				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
16	SPACE																		
17	1.5HP ACU 5-B	1	230	1725	1		7.50			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
18	SPACE																		
19	1.5HP ACU 5-C	1	230	1725	1		7.50			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
20	1.5HP ACU 5-D	1	230	1725	1		7.50			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
T O T A L						39.50	35.50	40.50	145.60										
COMPUTATION:						FOR THE FEEDER CONDUCTORS:						FOR THE FEEDER CIRCUIT PROTECTION:							
I ₃₀ = 40.50√3 + 145.60						USE: 3 - 125mm² THHN/THWN-2 COPPER WIRE						USE: 250AT, 250AF, 3-POLE, 230V, 50KAIC MCCB							
I ₃₀ = 215.75 A						1 - 30mm² THHN/THWN-2 COPPER WIRE (G)													
						IN 65mmØ INTERMEDIATE METAL CONDUIT													



PANEL LP1										MOUNTING : FLUSH MOUNT									
MAIN : 6AT, 100AF, 3P, 230V, 60HZ MCCB										LOCATION : ODG RECEIVING AREA									
CKT. No.	LOAD DESCRIPTION	NO. OF OUTLET	VOLT	VA PER CIRCUIT	PHASE	AMPERE RATING				CB RATING			NUMBER & SIZE OF WIRE	SIZE OF CONDUIT					
						ØAB	ØBC	ØCA	3Ø	AT	AF	P							
1	LIGHTING OUTLET	62	230	1498	1	6.51				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
2	CONVENIENCE OUTLET	8	230	1440	1	6.26				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE					
3	LIGHTING OUTLET	35	230	1382	1			6.01		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT					
4	CONVENIENCE OUTLET	10	230	1800	1			7.83		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE					
5	CONVENIENCE OUTLET	8	230	1440	1		6.26			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE					
6	CONVENIENCE OUTLET	9	230	1620	1		7.04			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE					
7	CONVENIENCE OUTLET	8	230	1440	1	6.26				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE					
8	SPARE		230	1500	1	6.52				20	100	2		15mmØ EMT					
9	SMALL APPLIANCE OUTLET	1	230	1500	1			6.52		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE					
10	SPARE		230	1500	1			6.52		20	100	2		15mmØ EMT					
11	SPARE		230	1500	1		6.52			20	100	2		15mmØ EMT					
12	SPARE		230	1500	1		6.52			20	100	2		15mmØ EMT					
T O T A L						25.55	26.34	26.88											
COMPUTATION:						FOR THE FEEDER CONDUCTORS:						FOR THE FEEDER CIRCUIT PROTECTION:							
I ₃₀ = 26.88√3						USE: 3 - 14mm² THHN/THWN-2 COPPER WIRE						USE: 60AT, 100AF, 3-POLE, 230V, 25KA1 MCCB							
I ₃₀ = 46.56 A						1 - 8.0mm² THHN/THWN-2 COPPER WIRE (G)													
						IN 25mmØ INTERMEDIATE METAL CONDUIT													

PANEL AP2										MOUNTING : SURFACE MOUNT					
MAIN : 250AT, 250AF, 3P, 230V, 60HZ MCCB										LOCATION : CONTROL ROOM					
CKT. No.	LOAD DESCRIPTION	NO. OF OUTLET	VOLT	VA PER CIRCUIT	PHASE	AMPERE RATING				CB RATING			NUMBER & SIZE OF WIRE	SIZE OF CONDUIT	
						ØAB	ØBC	ØCA	3Ø	AT	AF	P			
1	7.0HP ACU 1-D	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
2	7.0HP ACU 1-E	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
3	7.0HP ACU 1-F	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
4	7.0HP ACU 1-G	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
5	7.0HP ACU 1-H	1	230	7250	3				18.20	40	100	3	3 - 5.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
6	7.0HP ACU 1-I		230	7250	3				18.20	40	100	3		15mmØ EMT	
7	7.0HP ACU 1-J		230	7250	3				18.20	40	100	3		15mmØ EMT	
8	SPARE		230	7250	3				18.20	40	100	3		15mmØ EMT	
9	SPARE		230	7250	3				18.20	40	100	3		15mmØ EMT	
10	SPARE		230	7250	3				18.20	40	100	3		15mmØ EMT	
11	1.0HP ACU 6-B	1	230	1495	1	6.50				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
12	SPARE		230	1500	1	6.52				20	100	2		15mmØ EMT	
13	2.5HP ACU 4-A	1	230	2185	1			9.50		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
14	SPARE		230	1500	1			6.52		20	100	2		15mmØ EMT	
15	2.5HP ACU 4-B	1	230	2185	1		9.50			20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
16	SPARE		230	1500	1		6.52			20	100	2		15mmØ EMT	
T O T A L						13.02	16.02	16.02	182.00						
COMPUTATION:						FOR THE FEEDER CONDUCTORS:						FOR THE FEEDER CIRCUIT PROTECTION:			
I ₃₀ = 16.02√3 + 182.00						USE: 3 - 125mm² THHN/THWN-2 COPPER WIRE						USE: 250AT, 250AF, 3-POLE, 230V, 50KAIC MCCB			
I ₃₀ = 209.75 A						1 - 30mm² THHN/THWN-2 COPPER WIRE (G)									
						IN 65mmØ INTERMEDIATE METAL CONDUIT									



PANEL LP2										MOUNTING : SURFACE MOUNT					
MAIN : 60AT, 100AF, 3P, 230V, 60HZ MCCB										LOCATION : CONTROL ROOM					
CKT. No.	LOAD DESCRIPTION	NO. OF OUTLET	VOLT	VA PER CIRCUIT	PHASE	AMPERE RATING				CB RATING			NUMBER & SIZE OF WIRE	SIZE OF CONDUIT	
						ØAB	ØBC	ØCA	3Ø	AT	AF	P			
1	LIGHTING OUTLET	70	230	1402	1	6.10				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
2	CONVENIENCE OUTLET	8	230	1440	1	6.26				20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE	
3	LIGHTING OUTLET	38	230	1660	1			7.12		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
4	CONVENIENCE OUTLET	10	230	1800	1			7.83		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE	
5	LIGHTING OUTLET	36	230	1100	1			4.78		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	15mmØ EMT	
6	SMALL APPLIANCE OUTLET	1	230	1500	1			6.52		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE	
7	CONVENIENCE OUTLET	11	230	1800	1	7.83				30	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE	
8	SPARE		230	1500	1	6.52				20	100	2		15mmØ EMT	
9	CONVENIENCE OUTLET	8	230	1440	1			6.26		20	100	2	2 - 3.5mm² THHN/THWN-2 CU WIRE + 1 - 3.5mm² THHN/THWN-2 CU WIRE (G)	20mmØ uPVC PIPE	
10	SPARE		230	1500	1			6.52		20	100	2		15mmØ EMT	
11	30 AMPS ECB FOR UPS	12	230	2160	1			9.39						20mmØ uPVC PIPE	
12	SPARE		230	1500	1			6.52		20	100	2		15mmØ EMT	
T O T A L						26.71	27.21	27.73							
COMPUTATION:						FOR THE FEEDER CONDUCTORS:						FOR THE FEEDER CIRCUIT PROTECTION:			
I ₃₀ = 27.73√3						USE: 3 - 14mm² THHN/THWN-2 COPPER WIRE						USE: 60AT, 100AF, 3-POLE, 230V, 25KAIC MCCB			
I ₃₀ = 48.03 A						1 - 8.0mm² THHN/THWN-2 COPPER WIRE (G)									
						IN 25mmØ INTERMEDIATE METAL CONDUIT									





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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
NAIA ROAD, 1300 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

DESIGNED BY: IDDD

DRAWN BY: IDDD

REVIEWED BY:

CHECKED BY:

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Acting Division Chief III, IDDD-ADMS

SUBMITTED BY:

ARNEL F. BORLADO
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RECOMMEND APPROVAL:

LT COL VALENTINO A DIONELA PAF (RET)
Assistant Director General II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

SCHEDULE OF LOADS
PANEL DIAGRAM

DRAWING SCALE: SHEET NO:

E-11

LEGEND:



AIR COOLED CONDENSING UNIT (INVERTER OUTDOOR UNIT, VER. SPECS) CAPITAL LETTER ON RECTANGLE DENOTES FCU CONTROLLED AND EQUIPMENT TAG NUMBER INDICATES TYPE OF ACCU.



FAN COIL UNIT (INDOOR UNIT, VER. SPECS) CAPITAL LETTER ON SQUARE CORRESPONDS TO THE ACCU AND EQUIPMENT TAG NUMBER INDICATES TYPE OF FCU

PIPE GOING DOWN

PIPE GOING UP



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE
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REVIEWED BY: RUAJR

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CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

FOURTH FLOOR
AIR-CONDITIONING LAYOUT

DRAWING SCALE:

AS SHOWN

SHEET NO:

M - 01

01

- NOTES:
1. CEILING CONCEALED REFRIGERANT PIPES/ COPPER TUBING SHALL BE SUPPORTED BY CLEVIS HANGER W/ THREADED HANGER ROD FOR EVERY 2.0-2.5 METERS.
 2. ACCU SHALL BE PLACED ON A STEEL BASE AND ON A LOCATION WHERE THE COPPER TUBING LENGTH IS WITHIN THE MANUFACTURER'S RECOMMENDATION.
 3. EXISTING ACU'S WILL BE DISMANTLED BY THE BGMS PERSONNEL OF CAAP.

1 FOURTH FLOOR AIR-CONDITIONING LAYOUT

SCALE: 1:100 M

LEGEND:

PIPE GOING DOWN



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CAAP.

AERODROME DEVELOPMENT
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN
DIVISION

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PROJECT:

IMPROVEMENT/REHABILITATION OF
FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

FOURTH FLOOR ACU
CONDENSATE DRAIN PIPE LAYOUT

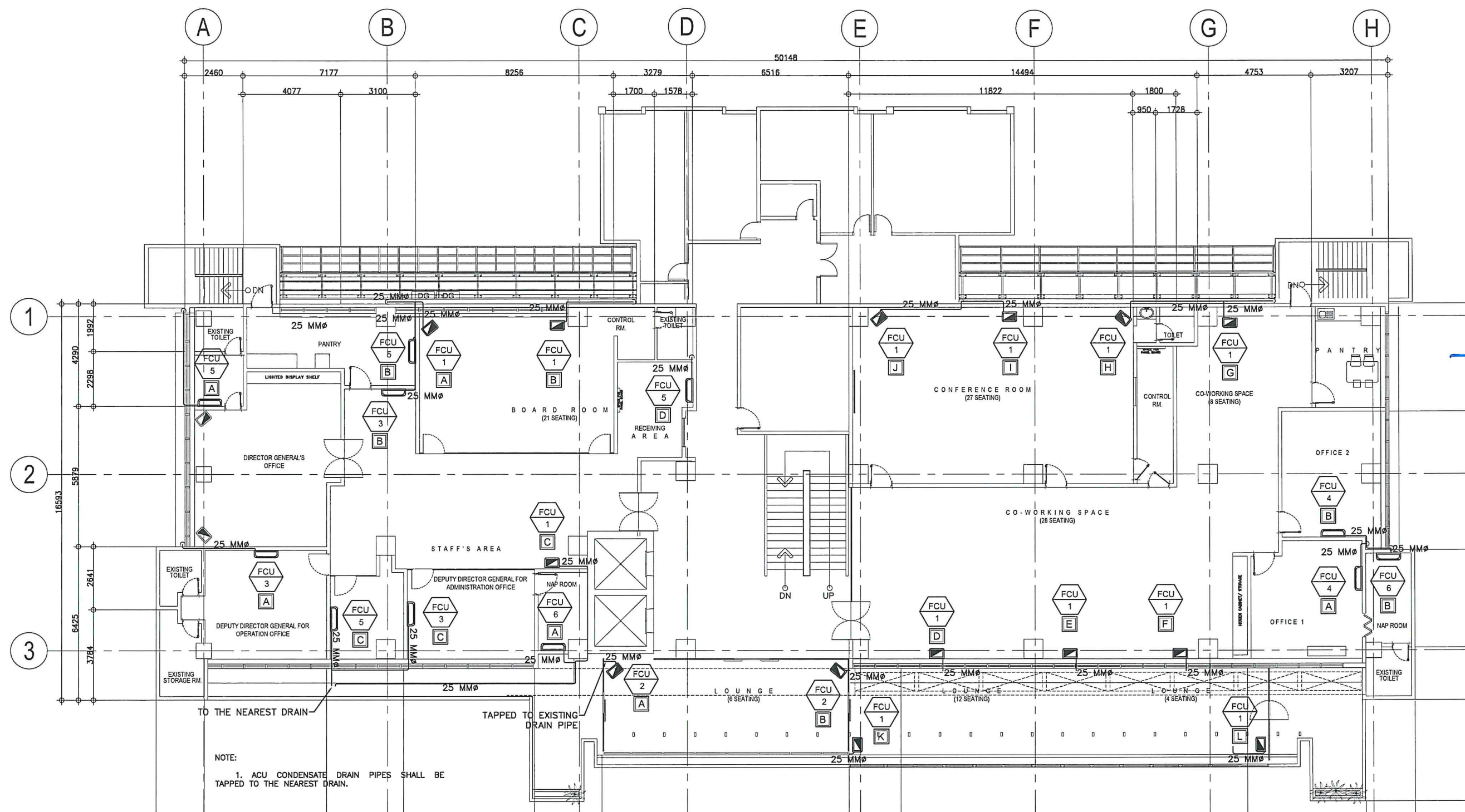
DRAWING SCALE:

AS SHOWN

SHEET NO:

M - 02

02



NOTE:

1. ACU CONDENSATE DRAIN PIPES SHALL BE
TAPPED TO THE NEAREST DRAIN.

1 FOURTH FLOOR ACU CONDENSATE DRAIN PIPE LAYOUT
M-02/M-02 SCALE: 1:100 M

LEGEND:

- EF 12" CEILING MOUNTED EXHAUST FAN
- 18" WALL FAN
- 600 MM WIDTH RANGE HOOD, 2-MOTOR, 3-SPEED, 380-500 M³/HR EXTRACTION CAPACITY



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

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CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

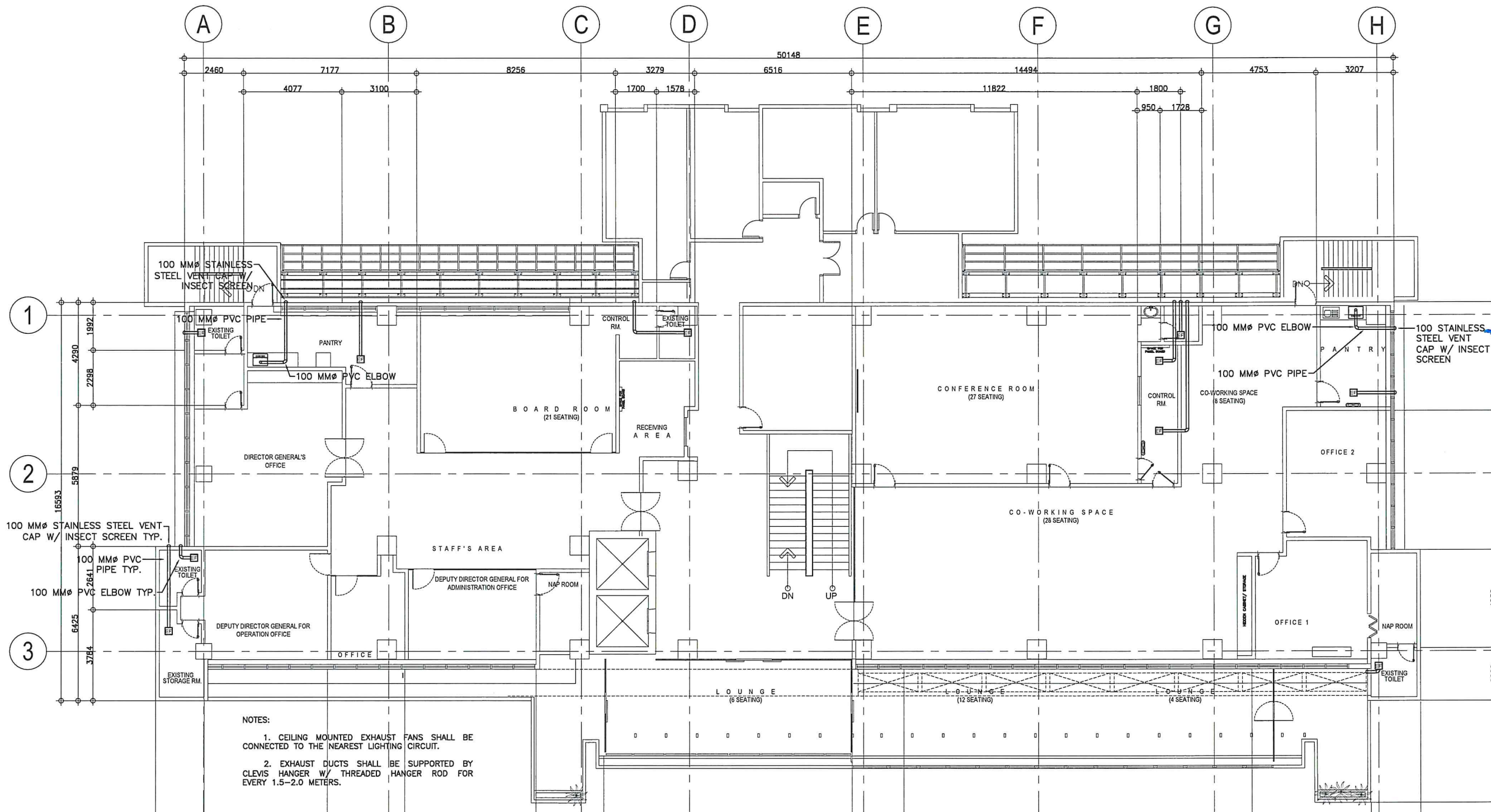
FOURTH FLOOR VENTILATION LAYOUT

DRAWING SCALE:

AS SHOWN

SHEET NO:

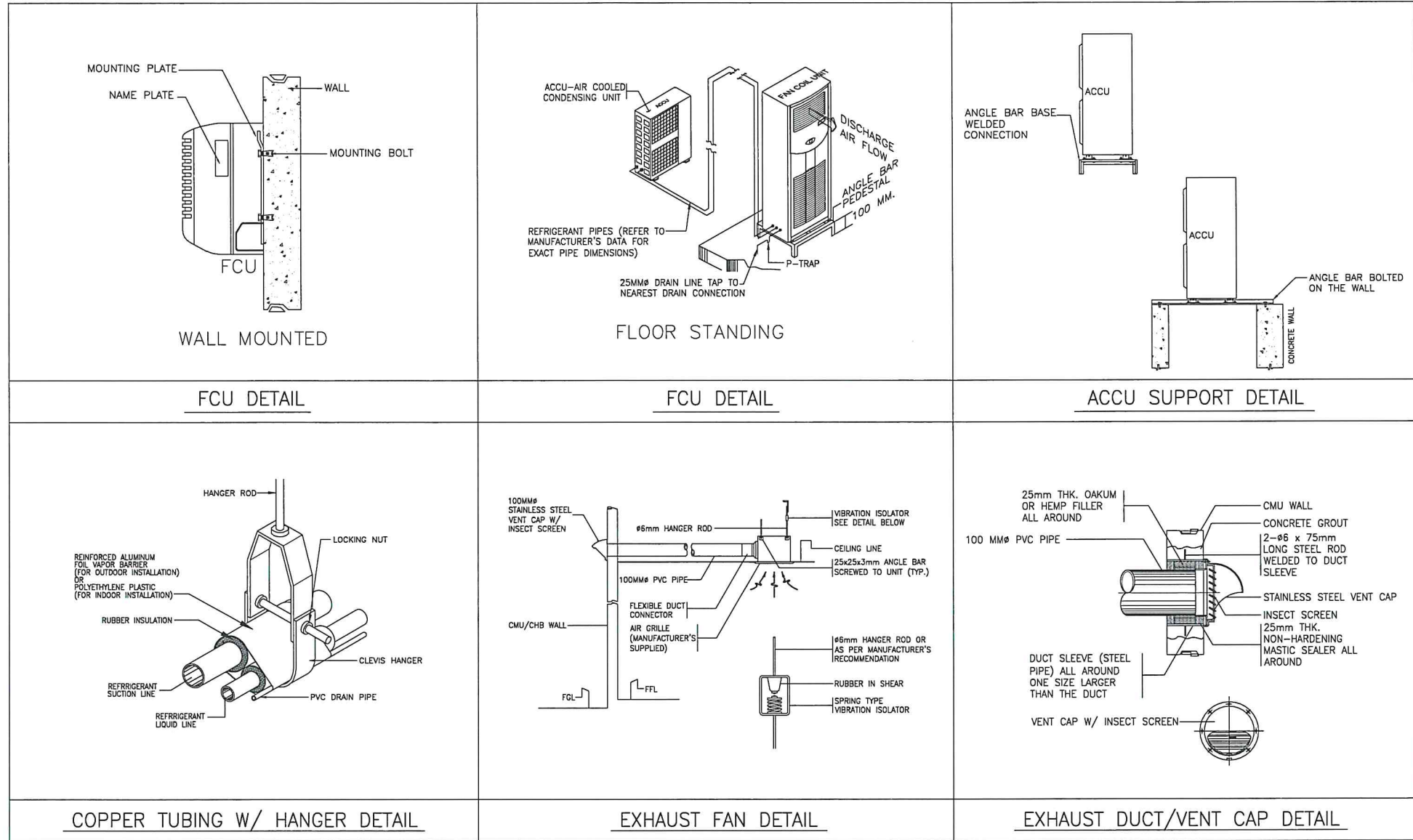
M - 03
03



1 FOURTH FLOOR VENTILATION LAYOUT
M-03/M-03 SCALE: 1:100 M

GENERAL NOTES:







- IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTINGS, DUCT FITTINGS, VALVES, DAMPERS, HANGERS/SUPPORTS, ETC.. ALL SUCH ITEM WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED IF NECESSARY TO COMPLETE THE SYSTEM TO THE SATISFACTION OF THE ENGINEER AND THE OWNER.
- CONTRACTOR SHALL BE RESPONSIBLE IN VERIFYING AND COORDINATING, THE FOLLOWING IN ACCORDANCE WITH MANUFACTURER'S DATA AND RECOMMENDATIONS.
 - FLOOR, ROOF AND WALL OPENINGS
 - EQUIPMENT PADS/PEDESTALS
 - CONDENSATE DRAIN LINES
- ALL PIPE SIZES ARE IN MILLIMETER (mm) UNLESS OTHERWISE INDICATED.
- ALL STRUCTURAL AND ARCHITECTURAL FINISHES DAMAGED DURING THE COURSE OF WORK SHALL BE RESTORED TO IT'S ORIGINAL CONDITION OR AS APPROVED BY OWNER.
- PROVIDE SERVICE ACCESS & CLEARANCE TO CHANGE AIR FILTER ELEMENT FOR AC EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
- ALL INSULATED MECHANICAL PIPES THAT ARE EXPOSED SHALL BE CLADDED WITH ALUMINUM SHEET. CLADDING SHALL BE MACHINE/SHOP FABRICATED.
- CONTRACTOR/VENDOR SHOULD BE FAMILIAR WITH THE ACTUAL SITE CONDITION AND INSTALLATION TO VERIFY IF THE WORK IS IN CONFORMANCE TO MANUFACTURER RECOMMENDATION AND SHOULD RECTIFY IF SUCH CONDITION EXIST.
- THE CONTRACTOR SHALL COORDINATE W/ THE STRUCTURAL, SANITARY, ARCHITECTURAL AND ELECTRICAL REGARDING THE ROUGHING-INS OF FUTURE AIR CONDITIONING UNITS. ALL EMBEDDED ITEMS SHALL BE INSTALLED IN PLACE UNDER THIS CONTRACT.
- FINAL EQPT. TAG NUMBERING SHALL BE MADE BY THE OWNER'S ENGINEERING DEPARTMENT FOR CASE OF IDENTIFICATION OF INDIVIDUAL UNIT.
- INSTALLATION OF ALL WORKS SHALL BE DONE IN A NEAT AND WORKMANLIKE MANNER, IMPROPERLY SET WORK OR FINISH AS DETERMINED BY THE ARCHITECT SHALL BE REMOVED AND REPLACED AT NO EXTRA COST.
- ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND CLEAN.
- DEVIATION AND REVISIONS FROM PLAN SHALL BE REFERRED TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL.
- ALL NECESSARY GOVERNMENT PERMIT SHALL BE SECURED AND PAID FOR THE CONTRACTOR.
- ALL MECHANICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST MECHANICAL ENGINEER'S CODE ASVE, ASHRAE AND SMACNA STANDARD.
- ALL A/C AND VENTILATING EQUIPMENT CONTROL PANEL SWITCH AND CIRCUIT BREAKERS ARE PROVIDED BY THE MECHANICAL CONTRACTOR.
- THE MECHANICAL CONTRACTOR SHALL CONDUCT TESTING, BALANCING AND COMMISSIONING OF ALL A/C AND VENTILATING EQUIPMENT.



FAN COIL UNIT (INDOOR UNIT)

MARK	QTY.	LOCATION / AREA SERVED	COOLING LOAD/UNIT HP (TR)	DRAIN LINE mm (IN)	REFRIGERANT		ELECTRICAL DATA				NET WEIGHT KG	REMARKS	
					TYPE	PIPE CONNECTION	V	PH	HZ	RATED CURRENT (A)			
						GAS LINE mm (IN)	LIQUID LINE mm (IN)						
<div>FCU 1</div>	12	BOARD ROOM, STAFF'S AREA, CONFERENCE ROOM, CO-WORKING SPACE & NEW LOUNGE	7.0 (5.0)	25 (1)	R-410a	19.05 (3/4)	9.52 (3/8)	220-230	3	60	—	58	INVERTER FLOOR STANDING TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
<div>FCU 2</div>	2	LOUNGE	4.0 (3.0)	25 (1)	R-32 / R-410a	15.88 (5/8)	9.52 (3/8)	220-230	1	60	—	54	INVERTER FLOOR STANDING TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
<div>FCU 3</div>	3	DDGO OFFICE, STAFF'S AREA & DDGA OFFICE	3.0	25 (1)	R-32	15.88 (5/8)	6.35 (1/4)	220-230	1	60	13.0	16.5	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
<div>FCU 4</div>	2	OFFICE 1 & 2	2.5	25 (1)	R-32	12.70 (1/2)	6.35 (1/4)	220-230	1	60	8.5	13	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
<div>FCU 5</div>	4	DG'S NAP AREA, OFFICE, PANTRY & RECEIVING AREA	1.5	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	4.0	7.7	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
<div>FCU 6</div>	2	DDGA & OFFICE 1 NAP ROOMS	1.0	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	3.7	7.2	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.

AIR COOLED CONDENSING UNIT (OUTDOOR UNIT)

MARK	QTY.	CAPACITY HP (TR)	EQUIPMENT SERVED	DRAIN LINE mm (IN)	REFRIGERANT			ELECTRICAL DATA					NET WEIGHT KG	REMARKS
					TYPE	PIPE CONNECTION		V	PH	HZ	RATED CURRENT (A)	CIRCUIT BREAKER (A)		
						GAS LINE mm (IN)	LIQUID LINE mm (IN)							
	12	7.0 (5.0)	FCU-1	25 (1)	R-410a	19.05 (3/4)	9.52 (3/8)	220-230	3	60	20.5	40	92	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ELECTRICAL CONNECTION AND EQUIPMENT SUPPORT. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
	2	4.0 (3.0)	FCU-2	25 (1)	R-32 / R-410a	15.88 (5/8)	9.52 (3/8)	220-230	1	60	19.91	40	55	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ELECTRICAL CONNECTION AND EQUIPMENT SUPPORT. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
	3	3.0	FCU-3	25 (1)	R-32	15.88 (5/8)	6.35 (1/4)	220-230	1	60	-	30	43	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ELECTRICAL CONNECTION AND EQUIPMENT SUPPORT. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
	2	2.5	FCU-4	25 (1)	R-32	12.70 (1/2)	6.35 (1/4)	220-230	1	60	-	30	29	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ELECTRICAL CONNECTION AND EQUIPMENT SUPPORT. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
	4	1.5	FCU-5	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	-	20	20	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ELECTRICAL CONNECTION AND EQUIPMENT SUPPORT. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
	2	1.0	FCU-6	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	-	20	19	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ELECTRICAL CONNECTION AND EQUIPMENT SUPPORT. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

GENERAL NOTES
MISCELLANEOUS DETAILS
EQUIPMENT SCHEDULE

DRAWING SCALE: AS SHOWN
SHEET NO. M - 04
04

GENERAL NOTES

- IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTING, VALVE AND APPURTENANCE. ALL SUCH ITEMS WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED IF NECESSARY TO COMPLETE THE SYSTEM TO THE SATISFACTION OF THE OWNER.
- ALL PLUMBING WORKS SHALL BE INSTALLED IN ACCORDANCE WITH THE PROVISION OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES, THE REQUIREMENTS OF THE LOCAL PLUMBING INSPECTION OFFICE, PERTINENT PROVISIONS OF THE UNIFORM BUILDING CODE AND THE NATIONAL BUILDING CODE OF THE PHILIPPINES.
- ALL PLUMBING INSTALLATIONS SHALL BE COORDINATED WITH OTHER TRADES. ANY REVISION IN THE PIPING LAYOUT REQUIRED FOR PROPER EXECUTION OF OTHER TRADES SHALL BE WITH PRIOR APPROVAL OF THE PROJECT ENGINEER.
- HORIZONTAL SANITARY SEWER PIPING SHALL BE RUN IN PRACTICAL ALIGNMENT AT A MINIMUM SLOPE OF 1% FOR PIPES 100MMØ AND LARGER AND 2% FOR 75MMØ AND SMALLER.
- ALL VENT PIPE SHALL BE FREE FROM DROPS OR SAGS AND SHALL BE SLOPED OR GRADED AS TO DRIP BACK BY GRAVITY TO THE DRAINAGE PIPE IT SERVES.
- ALL PLUMBING FIXTURES SHALL BE INDIVIDUALLY VENTED.
- ALL DIMENSIONS AND PIPE SIZES ARE IN MILLIMETERS EXCEPT OTHERWISE SHOWN. INDICATED METRIC EQUIVALENT USED ON THESE PLANS FOR PIPE SIZES:

1/2"	= 15mm	2"	= 50mm	6"	= 150mm
3/4"	= 20mm	2 1/2"	= 65mm	8"	= 200mm
1 1/4"	= 32mm	3"	= 75mm	10"	= 250mm
1 1/2"	= 40mm	4"	= 100mm	12"	= 300mm
- THE CONTRACTOR SHALL VERIFY ALL EXISTING UTILITIES AT SITE, SUCH AS, THE ACTUAL PIPE SIZES, LOCATIONS, DEPTHS, TOP AND INVERT ELEVATIONS OF ALL EXISTING PIPES AND RELATED STRUCTURES. THE CONTRACTOR SHALL PROVIDE THE NECESSARY EXCAVATIONS, BACKFILLING AND SURFACE RESTORATION OF THE AFFECTED AREAS IN THE LAYING OF SEWER, STORM DRAINAGE AND SUPPLY LINES.
- CONDENSATE DRAINAGE SYSTEM FOR AIRCONDITIONING EQUIPMENT INCLUDING PIPINGS, FITTINGS, SUPPORTS, ALL REQUIRED ACCESSORIES AND TAPPING PINTS SHALL BE PART OF MECHANICAL WORKS.
- PROVIDE VALVE BOX FOR EACH EMBEDDED GATE VALVE.
- THE SIZES OF WATER SUPPLY FIXTURES SHALL BE IN ACCORDANCE THE MANUFACTURER'S INSTRUCTIONS

MATERIAL SPECIFICATIONS

COLD WATER LINE

- SHALL BE POLYPROPYLENE RANDOM (TYPE 3) PN 20; HIGH RESISTANCE TO PRESSURE AN TEMPERATURE, CONFORMING TO EN ISO 15874, SIMILAR TO GEORGE FISCHER, NELTEX, UNITEC PP-R PIPE OR APPROVED EQUIVALENT

SOIL, WASTE AND VENT LINES

- SHALL BE UNPLASTICIZED POLYVINYL CHLORIDE (uPVC) PIPE CONFORMING TO ASTM D2729, SIMILAR TO NELTEX, MOLDEX OR EMERALD SERIES 1000 uPVC OR APPROVED EQUAL

DOWNSPOUTS AND DRAINAGE LINE (INSIDE AND OUTSIDE OF BUILDING)

- SHALL BE UNPLASTICIZED POLYVINYL CHLORIDE (uPVC) PIPE AND FITTINGS FOR 250mmØ AND SMALLER CONFORMING TO ASTM D2729, SIMILAR TO NELTEX, MOLDEX OR EMERALD SERIES 1000 uPVC OR APPROVED EQUIVALENT.
- SHALL BE HIGH DENSITY POLYETHYLENE (HDPE) PIPE AND FITTINGSS FOR 300mmØ AND LARGER, PE 3408 SDR 17 CONFORMING TO ASTM D3350, ASTM F714, AND ASTM D3261

PLUMBING LEGEND AND SYMBOLS

---	COLD WATERLINE	CWDF	COLD WATER DOWN FEED	LAV	LAVATORY
—	SOIL PIPE/ WASTE PIPE	BS	BIDET SPRAY	PD	PLANTER'S DRAIN
—	VENT PIPE	CWR	COLD WATER RISER	RD	ROOF DRAIN
---	END CAP	DD	DECK DRAIN	RED	REDUCER
—	FLOOR CLEANOUT	DP	DRAIN PIPE	SHO	SHOWER HEAD
—	GROUND CLEANOUT	DS	DOWNSPOUT	SP	SOIL PIPE
+	GATE VALVE	EPDR/L	ELEVATOR PIT PIPE DISCHARGE RISER/LINE	SS	SLOP SINK
+	CHECK VALVE	FD	FLOOR DRAIN	UR	URINAL
+	WATER METER	GD	GUTTER DRAIN	VS	VENT STACK
+	INCREASER/ REDUCER	GT	GREASE TRAP	VSTD	VENT STACK THRU DECK
CB/AD	CATCH BASIN/ AREA DRAIN	HB	HOSE BIBB	VSTR	VENT STACK THRU ROOF
ST	SEPTIC TANK	KLAV	KID'S LAVATORY	VSTW	VENT STACK THRU WALL
AAV	AIR ADMITTANCE VALVE	KS	KITCHEN SINK	WC	WATER CLOSET
CSWS	COMBINED SOIL AND WASTE STACK	KUR	KID'S URINAL	WP	WASTE PIPE

EQUIVALENT PIPE SIZE FOR WATER PIPES

NOMINAL PIPE SIZE DIAMETER	PIPE SIZES IN MILLIMETERS (mm)							
	15	20	25	32	40	50	63	75
POLYPROPYLENE RANDOM (PPR)	20	25	32	40	50	63	75	100
GALVANIZED IRON (GI)	15	19	25	32	40	50	65	80

PLUMBING FIXTURE CONNECTION SCHEDULE

GROUND CLENOUT	SYMBOL	WATER SUPPLY PIPE SIZE (mm)	SOIL/ WASTE PIPE SIZE (mm)	TRAP SIZE (mm)
KITCHEN SINK	KS	15	50	38
LAVATORY	LAV	15	50	38
SERVICE SINK/ SLOP SINK	SSK/SS	15	75	50
SHOWER	SHO	15	50	50
URINAL	UR	20	50	INTEGRAL
WATER CLOSET (FLUSH TANK)	WC	15	100	INTEGRAL
WATER CLOSET (FLUSH VALVE)	WC	32	100	INTEGRAL



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:

CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

GENERAL NOTES
MATERIAL SPECIFICATIONS
PLUMBING LEGEND AND SYMBOLS
EQUIVALENT PIPE SIZES FOR WATER PIPES
PLUMBING FIXTURE CONNECTION SCHEDULE

DRAWING SCALE:

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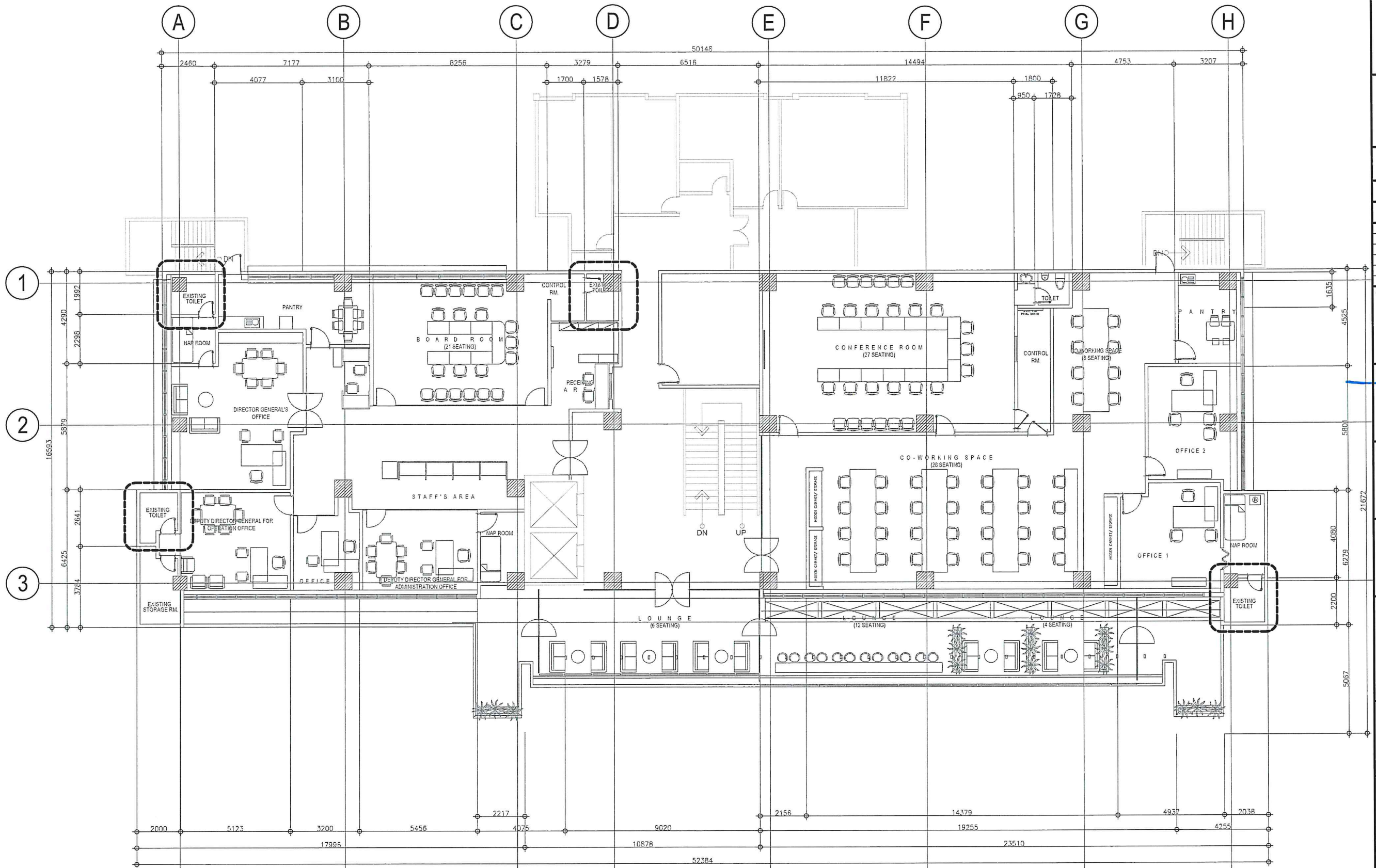
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OLD MIA RD., PASAY CITY

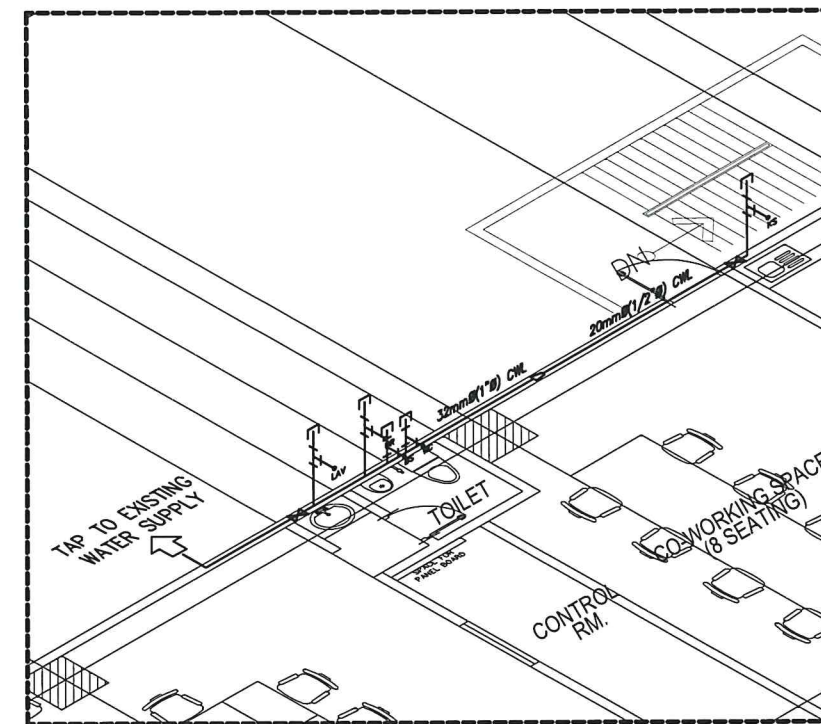
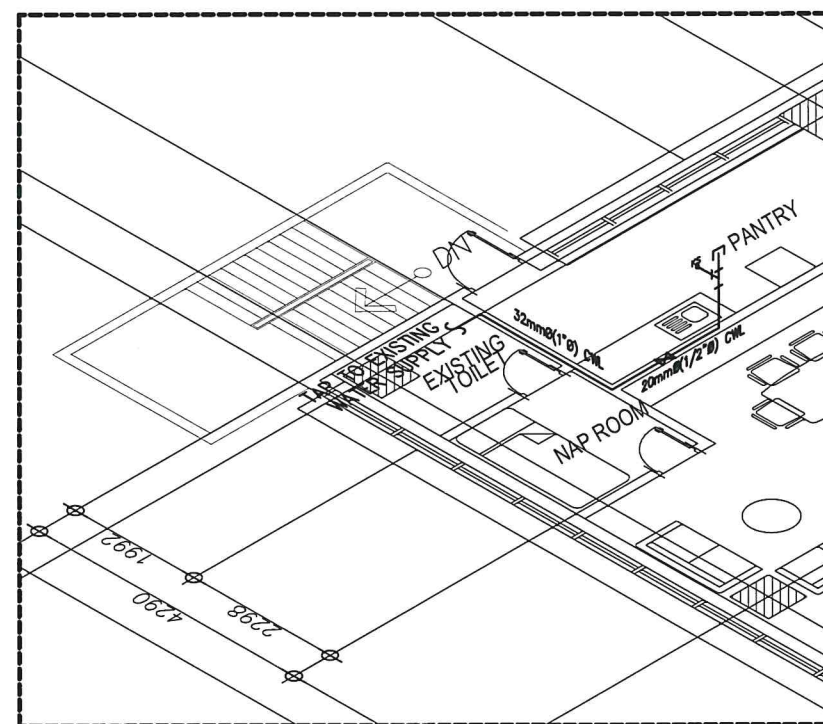
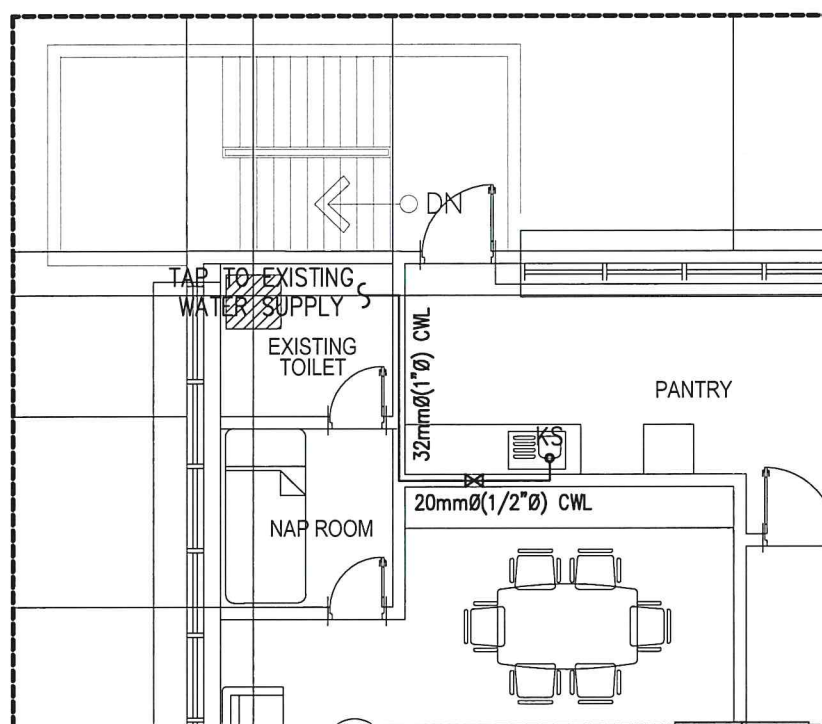
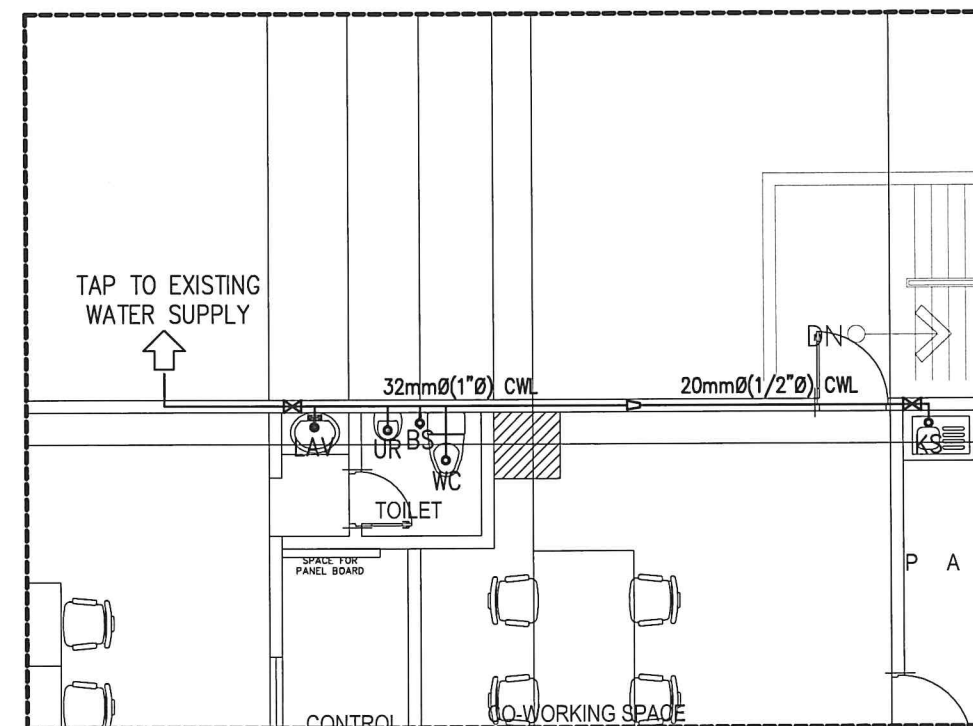
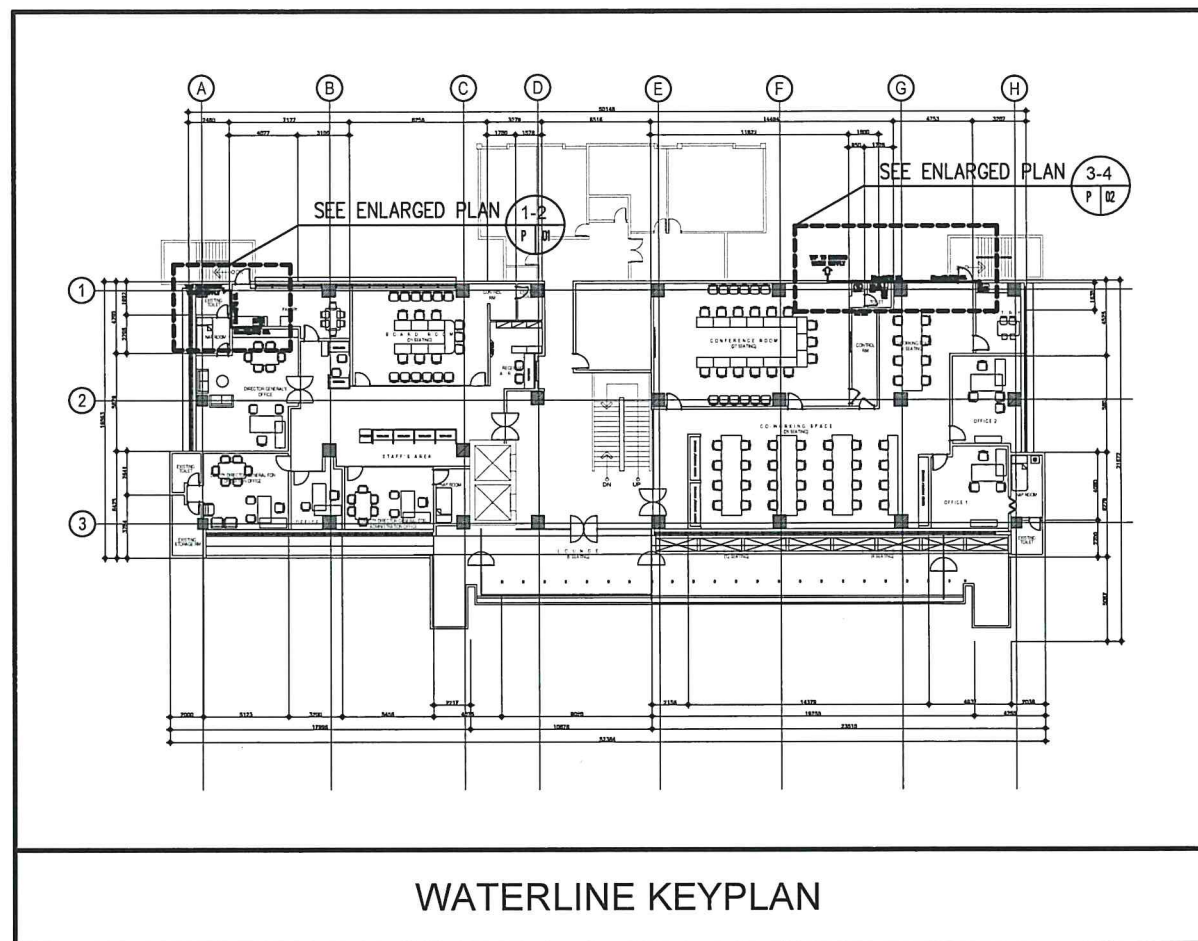
SHEET CONTENTS:

DRAWING SCALE:	SHEET NO.
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- ALL EXISTING TOILETS: REMOVE AND REPLACE
FIXTURES AND FLOOR TILES.
 - SHOULD RETAIN EXISTING TOILET LAYOUT.
- NOTE: ALWAYS VERIFY THE EXISTING SITE
CONDITION



1
FOURTH FLOOR
EXISTING TOILETS LOCATION
SCALE 1:100 M



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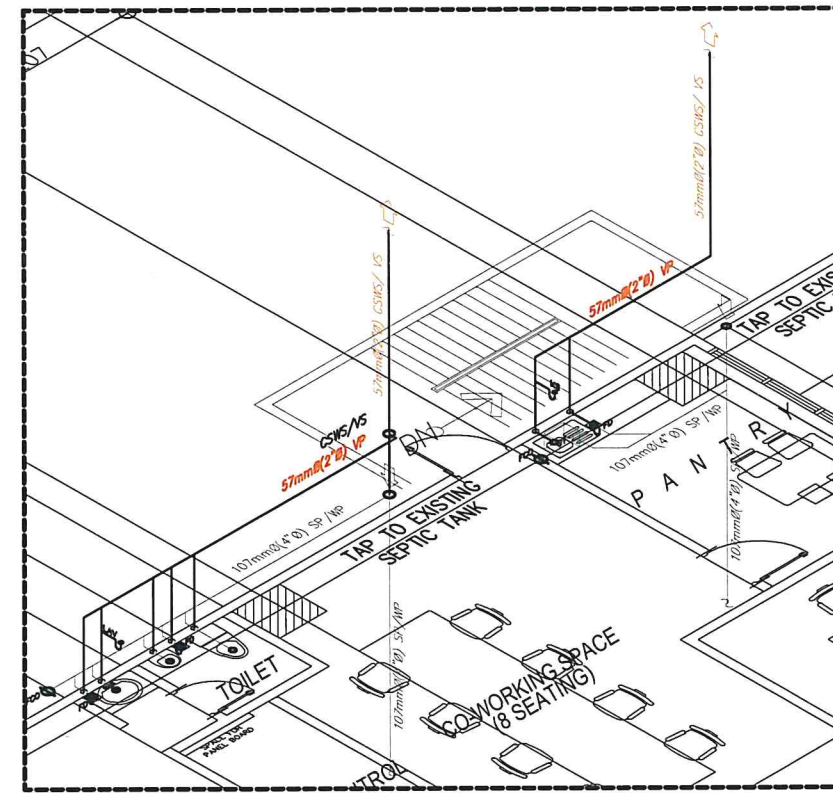
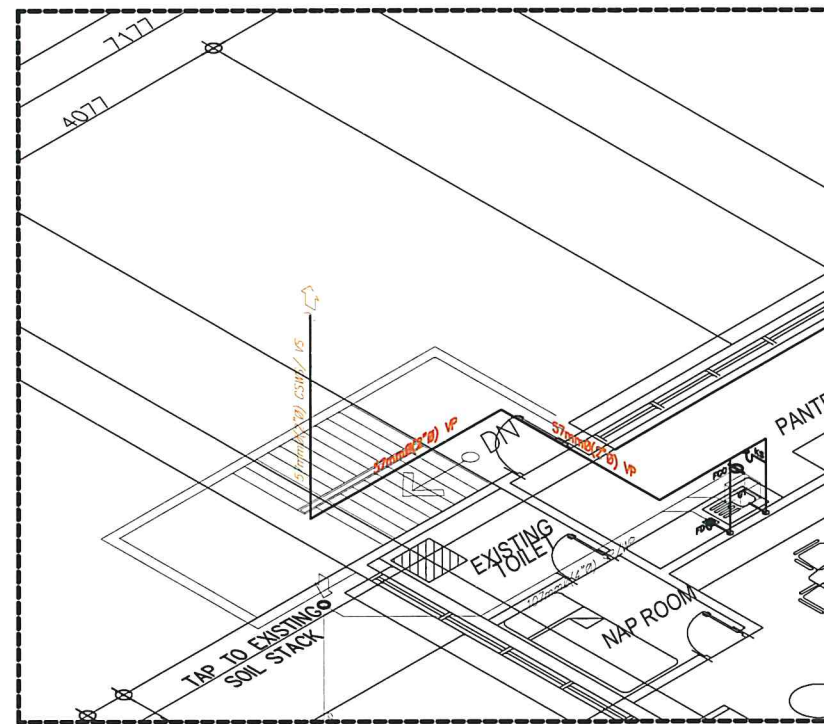
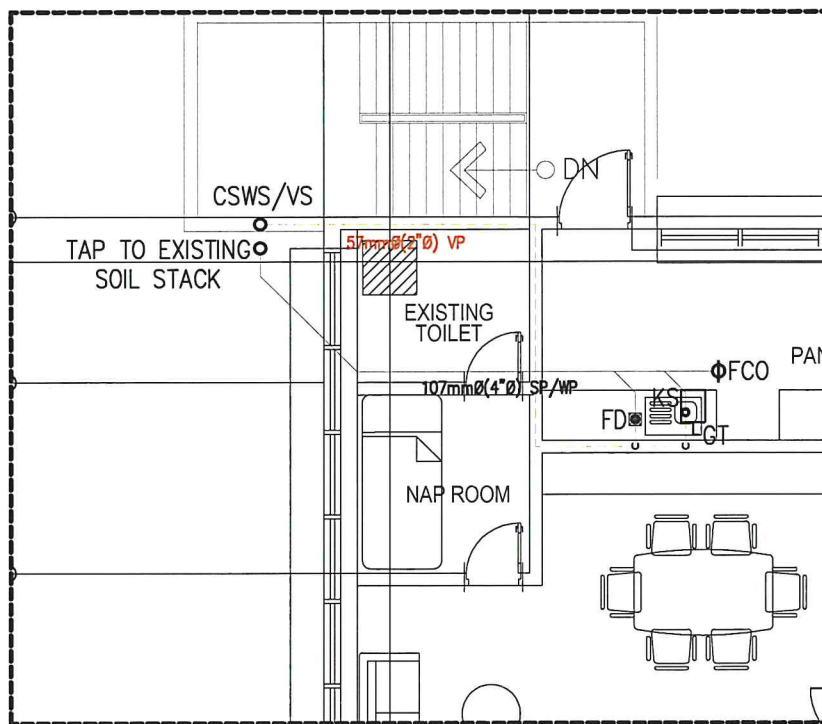
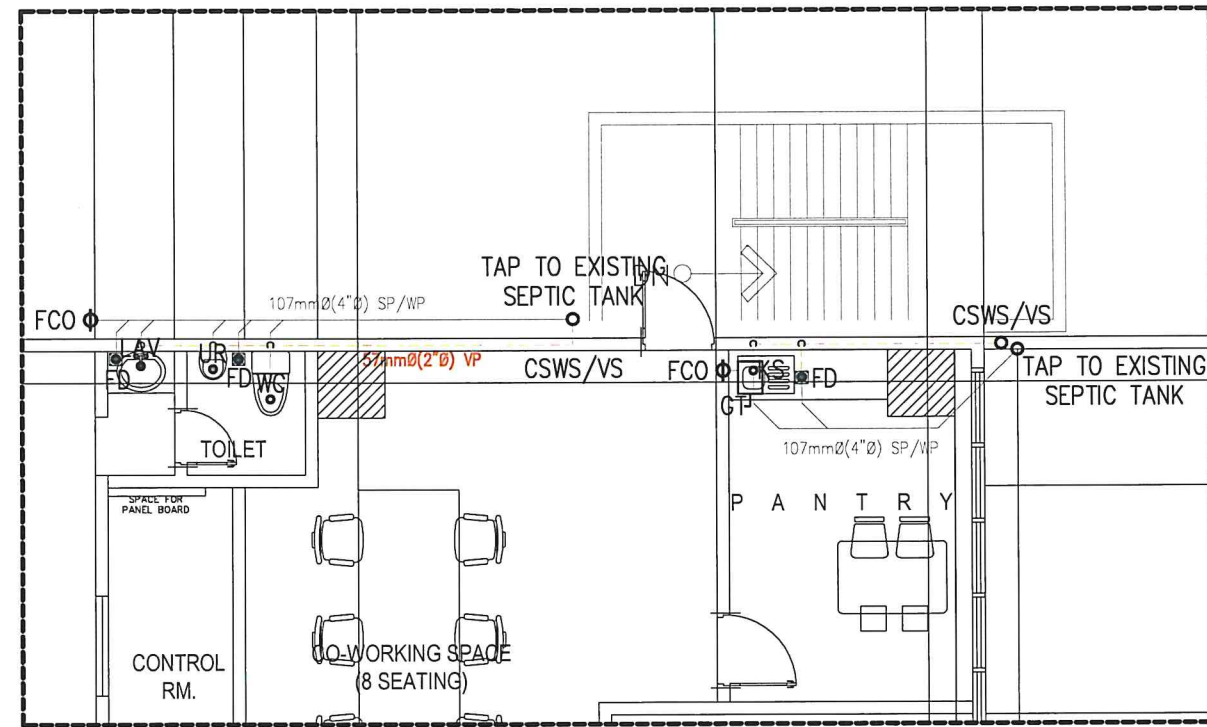
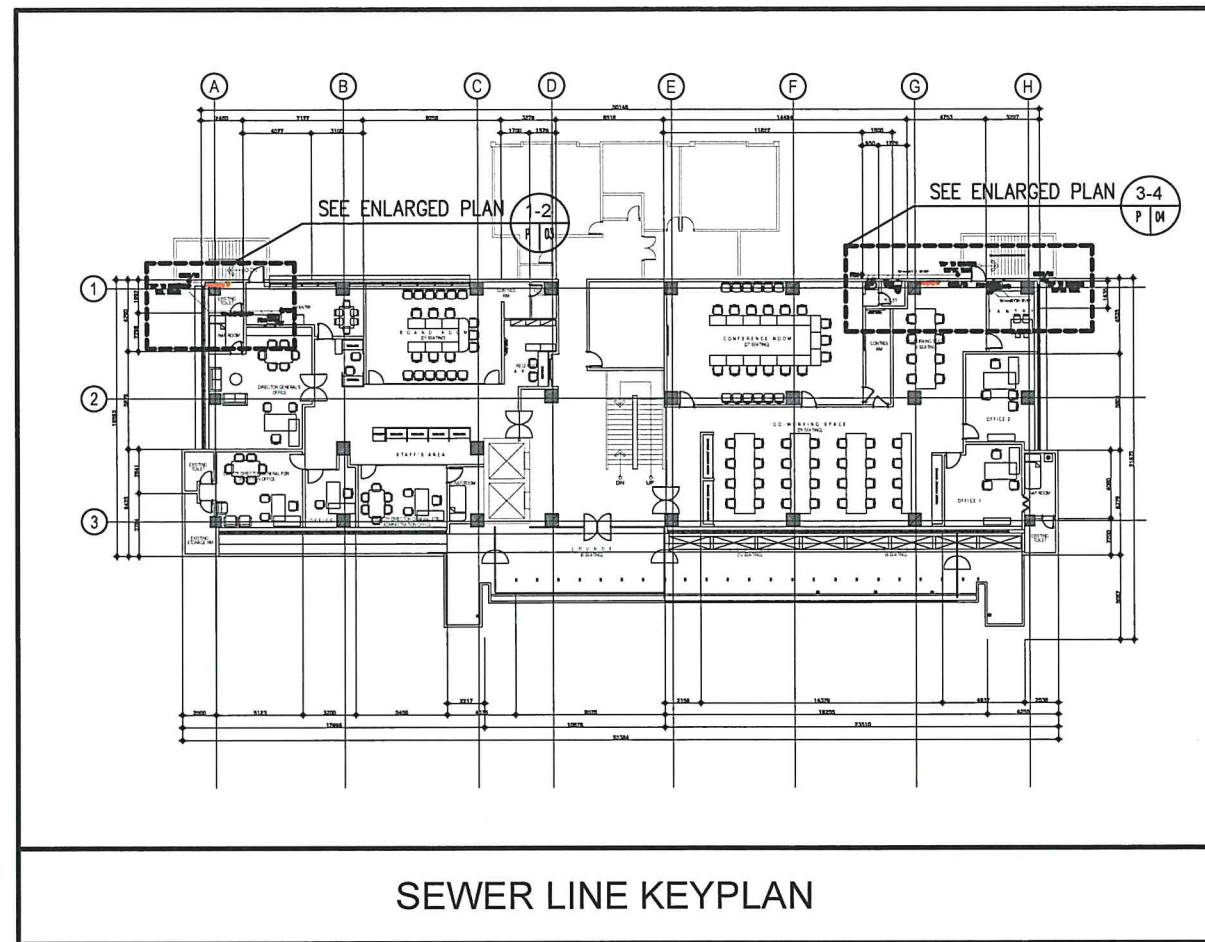
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:

WATERLINE KEYPLAN
WATERLINE SYSTEM PIPING LAYOUT (PLAN VIEW)
WATERLINE SYSTEM PIPING LAYOUT (ISOMETRIC VIEW)

DRAWING SCALE: SHEET NO:

AS SHOWN P 02



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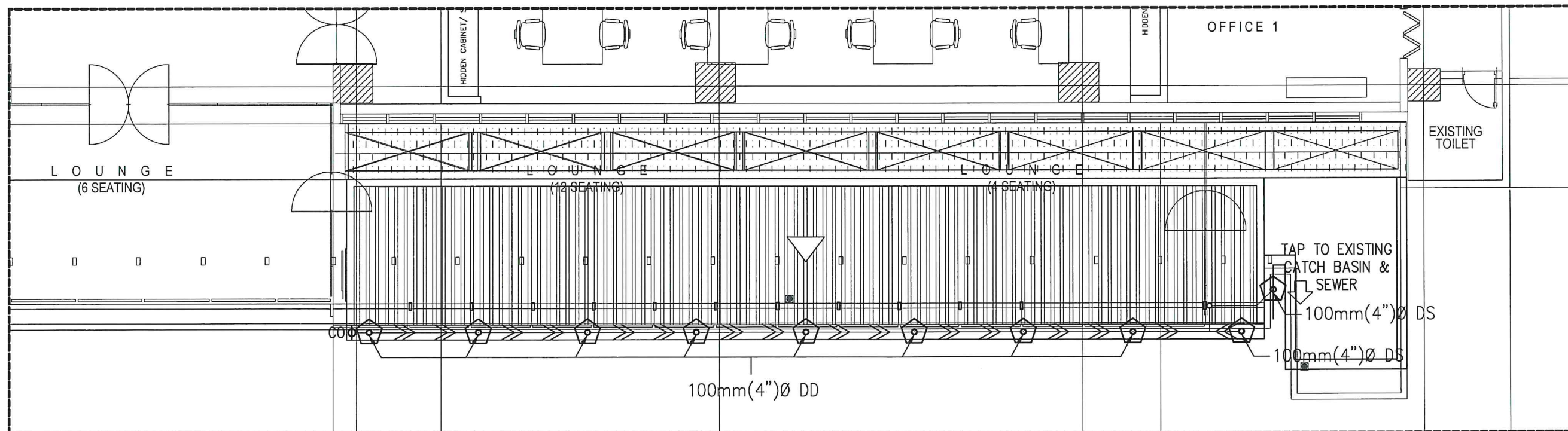
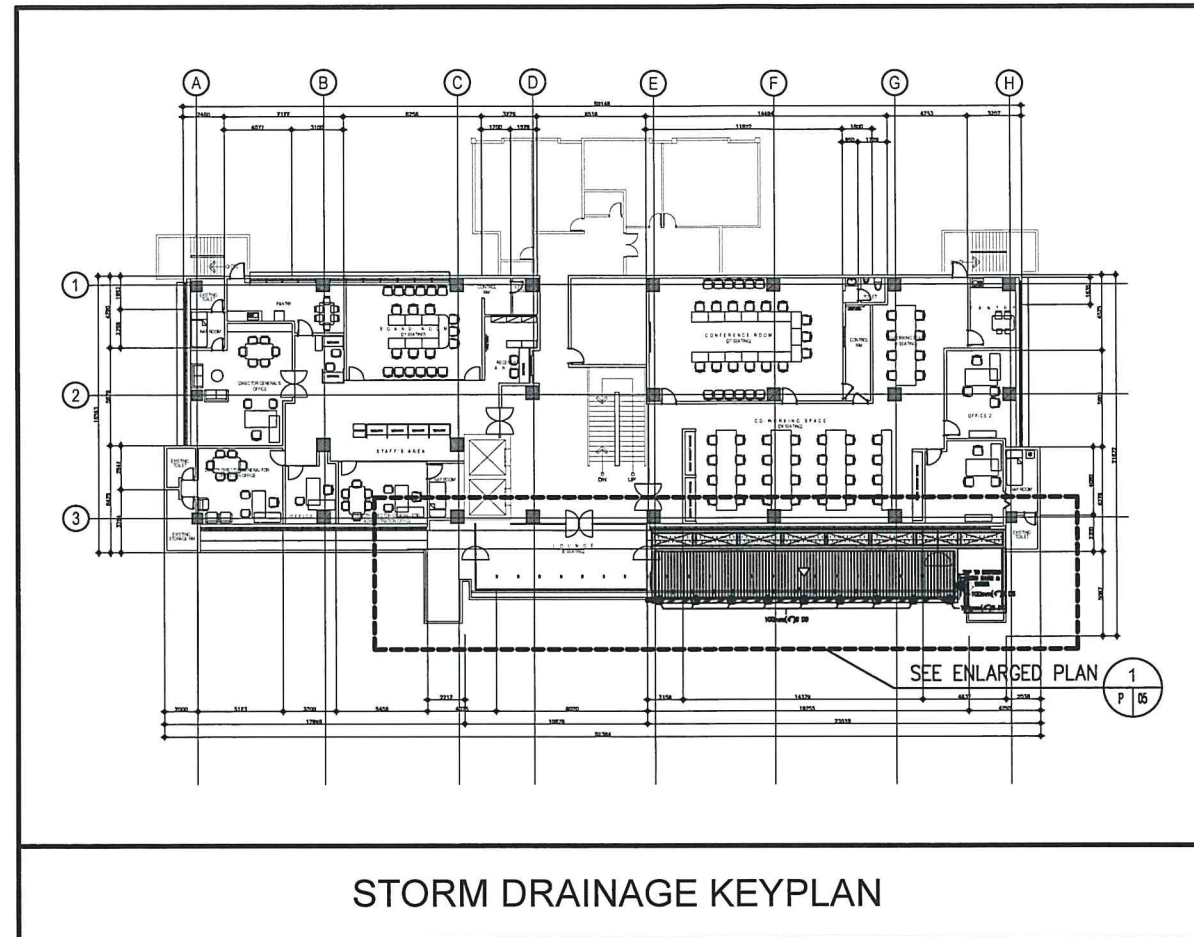
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF FOURTH FLOOR

LOCATION:
CAAP-ADMINISTRATION BUILDING
OLD MIA RD., PASAY CITY

SHEET CONTENTS:
SEWER LINE KEYPLAN
SEWER LINE SYSTEM LAYOUT (PLAN VIEW)
SEWER LINE SYSTEM LAYOUT (ISOMETRIC VIEW)

DRAWING SCALE: AS SHOWN
SHEET NO: P 03



1
P 04
SCALE 1:50 M



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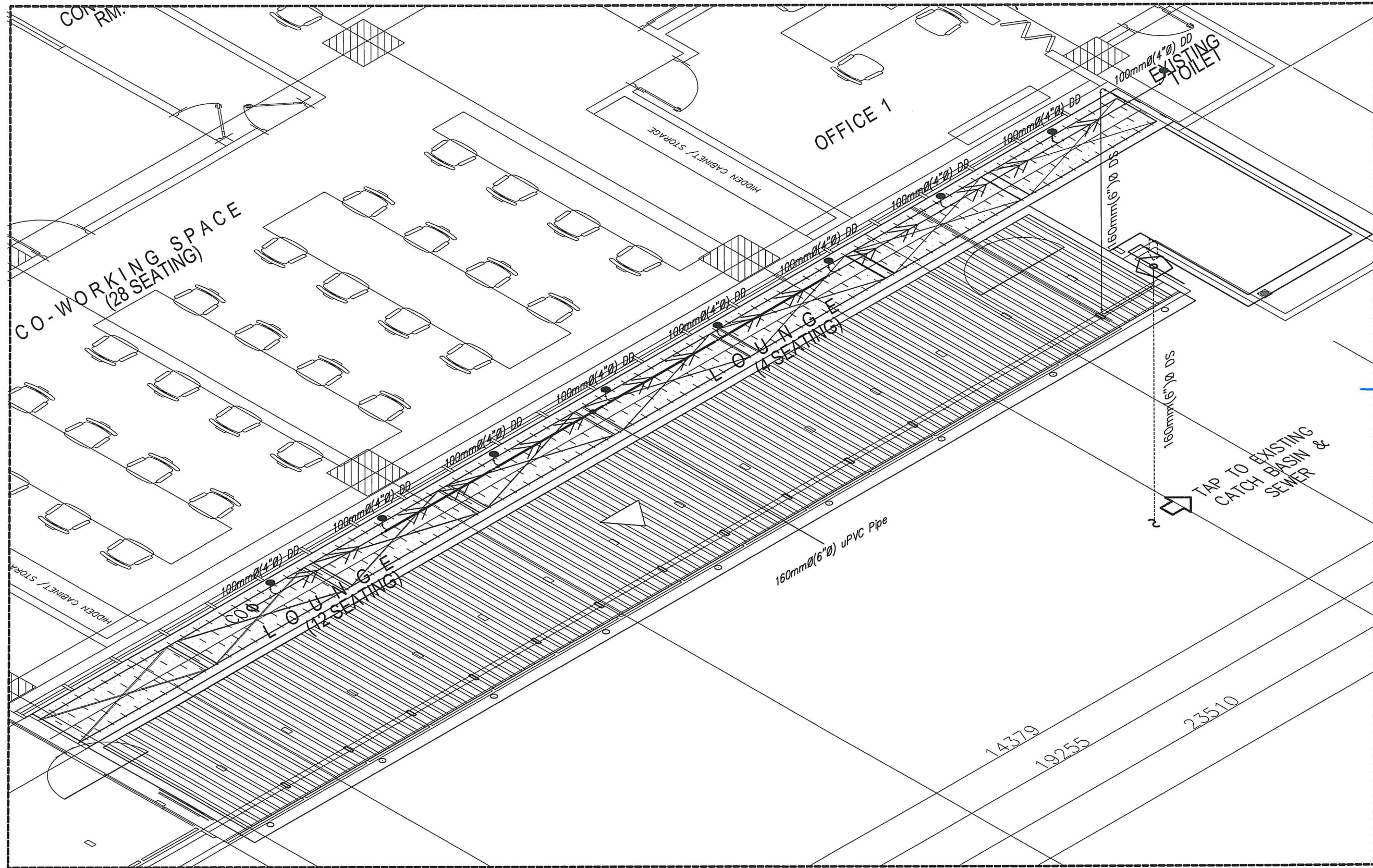
**IMPROVEMENT/REHABILITATION
OF FOURTH FLOOR**

LOCATION:

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OLD MIA RD., PASAY CITY**

SHEET CONTENTS:
• STORM DRAINAGE KEYPLAN
• STORM DRAINAGE LAYOUT PLAN VIEW

DRAWING SCALE:	SHEET NO:
AS SHOWN	P 04



ENLARGED ISOMETRIC VIEW
STORM DRAINAGE LAYOUT 05
SCALE 1:50 M



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OLD MIA RD., PASAY CITY

SHEET CONTENTS:

1. STORM DRAINAGE (ISOMETRIC VIEW)

DRAWING SCALE:	SHEET NO.
AS SHOWN	P 05



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OLD MIA RD., PASAY CITY

SHEET CONTENTS:

• PROPOSED TOILET (PLAN AND SECTIONS)
• MISCELLANEOUS DETAILS

DRAWING SCALE: SHEET NO:

AS SHOWN P 06

