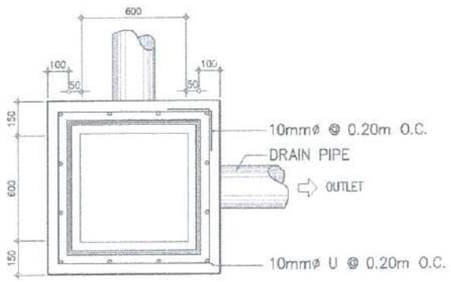

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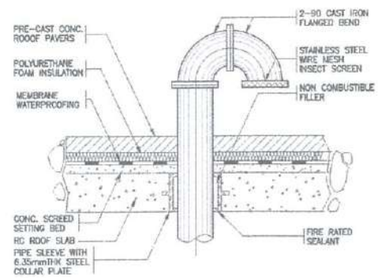
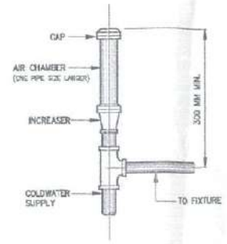
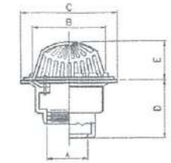


VENT THRU ROOF

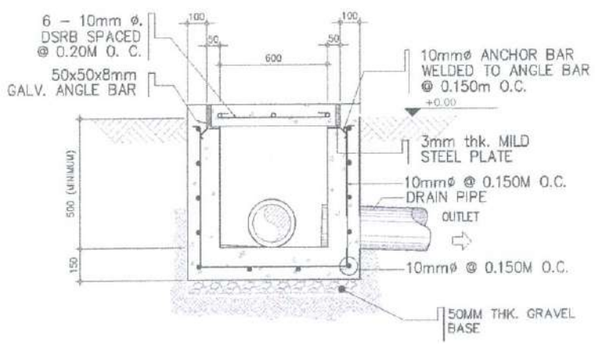


AIR CHAMBER



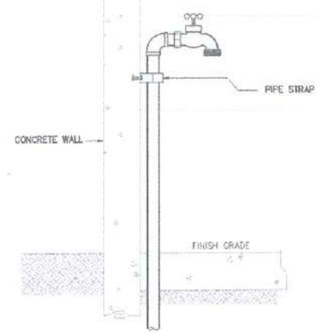
PIPE SIZE A(mm)	DIMENSION (mm)				REMARKS
	B	C	D	E	
50	165	178	62	79	SIMILAR TO MODEL JFT-123 OR APPROVED EQUAL
75	165	178	62	79	
100	185	178	62	79	
200	240	254	62	97	

GUTTER DRAIN



SECTION

CATCH BASIN



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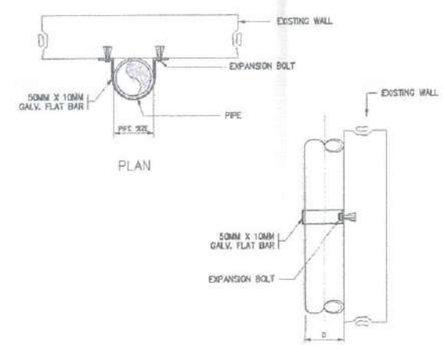
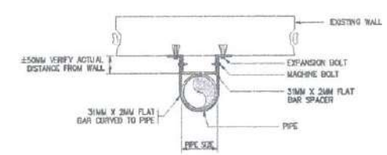
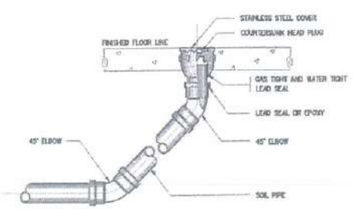


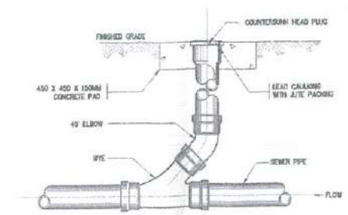
PIPE CLAMP



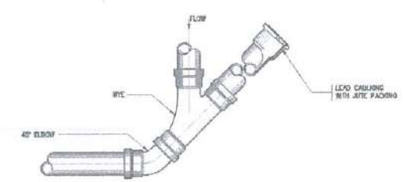
OFFSET CLAMP



FLOOR CLEAN-OUT



GROUND CLEAN-OUT



STACK CLEAN-OUT

1 P-15 P-15 MISCELLANEOUS DETAILS

SCALE: NTS

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CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	JCCS	
CHECKED BY:	CDJS	
	EJDJ	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief II, IDDD-AED

SUBMITTED BY:

ARNEL F. BORJADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

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

APPROVED BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

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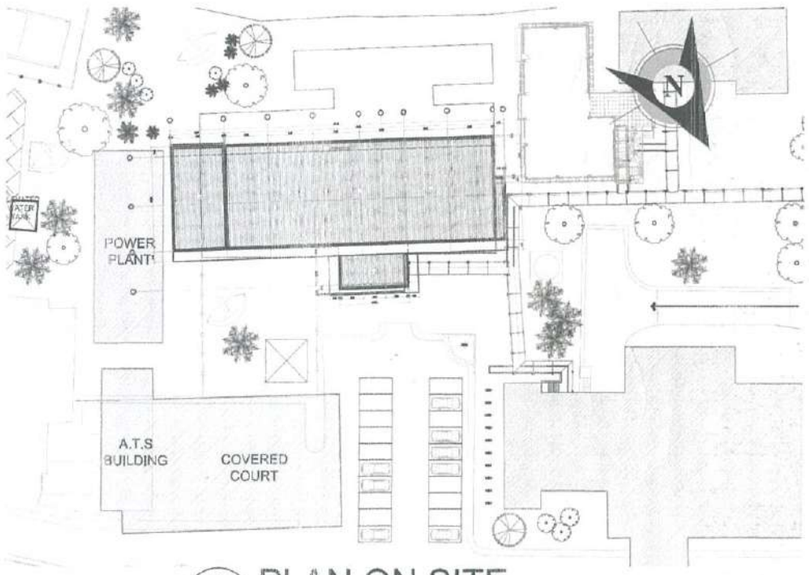
EXTERIOR PERSPECTIVE
SCALE: NTS

2 TP-01 | TP-01 VICINITY MAP
SCALE: NTS



3 TP-01 | TP-01 PLAN ON SITE
SCALE: 1 : 500 M

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF TRANSPORTATION
OFFICE OF THE BUILDING OFFICIALS

DISTRICT/CITY/MUNICIPALITY

LAND USE & ZONING

LINE & GRADE

ARCHITECTURAL

CIVIL / STRUCTURAL

ELECTRICAL

MECHANICAL

SANITARY

ELECTRONICS

GEODETIC ENGINEER

BAGONG PILIPINAS

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DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
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REVIEWED BY:
RAUL F. CRUCERA
Division Chief III, IDDD/AED

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

RECOMMEND APPROVAL:
LT COL VALENTINO A DIONELA PAF (RET)
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SHEET CONTENTS:
- EXTERIOR PERSPECTIVE
- VICINITY MAP
- PLAN ON SITE

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NTS	TP 01 | 17

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E - 19	PARTIAL GROUND FLOOR FDAS LAYOUT PLAN
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P - 15	MISCELLANEOUS DETAILS

GENERAL NOTES

1. THE CONTRACTOR SHALL VISIT THE JOBSITE AND SHALL BE RESPONSIBLE FOR THE VERIFICATIONS OF ALL GRADES, CONDITIONS AND DIMENSIONS PRIOR TO COMMENCING CONSTRUCTION.
2. ALL WRITTEN DIMENSIONS SHALL TAKE PRECEDENCE OVER SCALED DIMENSIONS.
3. THE CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE PLUMBING, ELECTRICAL CONTRACTORS THE SIZE AND LOCATION OF ALL PIPING, SLEEVES, SPECIAL BOLTING.
4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF PUBLIC AND PRIVATE WORK AREA AND SHALL EXERCISE DUE CAUTION TO AVOID SUCH DAMAGE TO PROPERTIES.
5. VERIFY ACTUAL SITE CONDITION PRIOR TO START OF CONSTRUCTION; REFER TO DETAILED PLANS TO DOUBLE CHECK ON SITE MAJOR DEVIATIONS (IF ANY) ON THE ACTUAL LOCATIONS AND HEADROOM CLEARANCES OF ALL UTILITY PROVISIONS.
6. CONTRACTOR SHALL VERIFY/FOLLOW ALL NATIONAL & LOCAL BUILDING CODES, REQUIREMENTS AND RESTRICTIONS.
7. VERIFY AND FOLLOW PROVISIONS AS PRESCRIBED ON THE ISSUED O.B.O. GUIDELINES RELATIVE TO REQUIREMENT AND RESTRICTIONS.
8. VERIFY AND RE-CHECK ACTUAL EXTENT OF LOT LINE; NO PROJECTIONS BEYOND LOT LINE ARE ALLOWED.
9. PLANS SHALL ALWAYS BE PRESENT ON SITE FOR CONSTRUCTION MONITORING AND AS A BASIS FOR CONSTRUCTION.
10. ONLY NEW, FIRST CLASS MATERIALS, EQUIPMENT, FIXTURES, INCLUDING TRADE FIXTURES AND FURNISHINGS SHALL BE USED IN THE PREMISES.
11. ALL MATERIALS FOR INTERIOR FINISH (WALL SYSTEM, CEILING SYSTEM, FURNITURE FLOORING INCLUSIVE OF ADHESIVE, COATINGS, SEALERS, GROUT, ETC.) SHALL BE USING LOW-VOC COMPONENTS; ALL MATERIALS SHALL BE NON-COMBUSTIBLE AND NON-ASBESTOS TYPE OF MATERIALS.
12. ALL WOOD FINISHES/MATERIALS SHOULD BE KILN DRIED, MILL QUALITY FINISH.
13. CEILING CONSTRUCTION SHOULD BE NON-COMBUSTIBLE. NO WOOD SHALL BE USED ABOVE THE CEILING.
14. ALL CEILING FRAMING, HANGERS AND SUPPORT SHOULD BE METAL OR RODS WHICH IS PAINTED WITH EPOXY PRIMER IF MATERIALS DID NOT RECEIVE ANY FACTORY COATING. WOOD AND G.I. WIRES ARE NOT ALLOWED AS CEILING HANGERS AND FRAMING.
15. ALL LIGHTING MATERIALS MUST BE NON-COMBUSTIBLE. ALL BALLAST & TRANSFORMERS OF LIGHTING FIXTURES SHALL BE PROVIDED WITH METAL PLATFORM/BACKING MATERIALS.
16. ALL PLANS WITH COMMENTS OF O.B.O. MUST ALWAYS BE PRESENT ON SITE PRIOR TO CONSTRUCTION MONITORING AND AS A BASIS OF CONSTRUCTION.
17. ALL CONSTRUCTION MATERIALS, FIXTURES, FURNITURE, EQUIPMENT, FINISHES, MECHANISMS, ETC. OF ALL DISCIPLINES SHALL BE APPROVED BY CAAP PROJECT-IN-CHARGE PRIOR TO INSTALLATION.
18. PROVIDE A MINIMUM OF 9 CONCRETE CYLINDER SAMPLES PER BATCH MIX THAT WILL BE SUBJECTED TO MATERIAL TESTING ON 7TH, 14TH AND 28TH DAY FOR COMPRESSIVE STRENGTH (VERIFY STRUCTURAL FOR PSI) AT ANY DPWH ACCREDITED MATERIAL TESTING LABORATORY. THE POURED CONCRETE ON THE STRUCTURAL MEMBERS WILL BE SUBJECTED TO RETROFITTING OR REPLACEMENT AT CONTRACTOR'S EXPENSE IF THE MATERIAL TESTING RESULT WILL NOT MEET THE DESIGN STRENGTH AS INDICATED ON PLANS.

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD/ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, ASD-ADMS

RECOMMEND APPROVAL:

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

APPROVED BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

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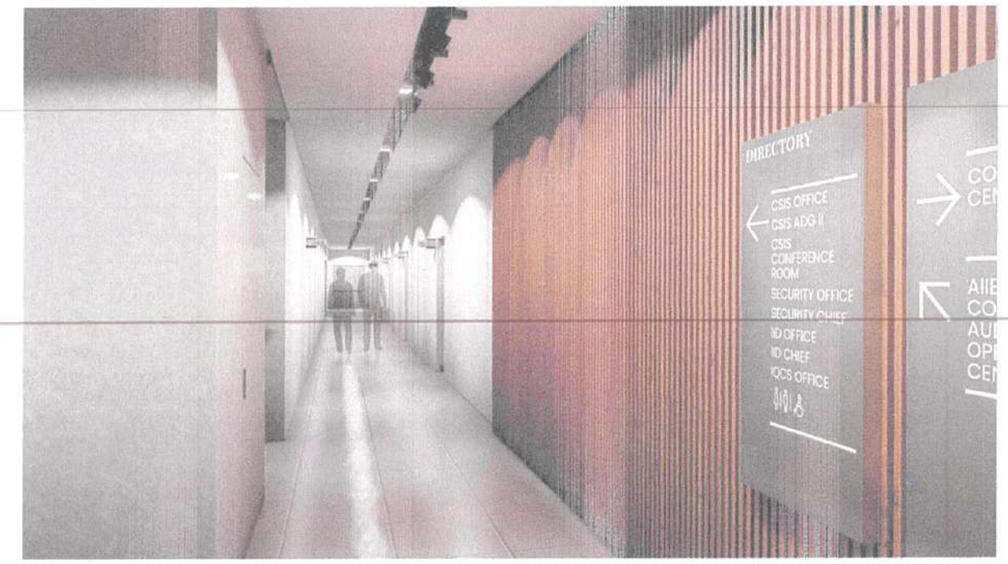
	02	17

1 TP-02 TP-02 CSIS ADMIN OFFICE
INTERIOR PERSPECTIVE
SCALE: NTS



2 TP-02 TP-02 GROUND FLOOR HALLWAY
INTERIOR PERSPECTIVE
SCALE: NTS

3 TP-02 TP-02 LOBBY
INTERIOR PERSPECTIVE
SCALE: NTS

3 TP-02 TP-02 SECOND FLOOR HALLWAY
INTERIOR PERSPECTIVE
SCALE: NTS

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DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, ARD-ADMS

RECOMMEND APPROVAL:

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

APPROVED BY:

CAPTAIN [illegible] ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

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SHEET CONTENTS:

INTERIOR PERSPECTIVES

DRAWING SCALE:	SHEET NO:	
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	03	17

1 TP-03 TP-03 COA OFFICE
INTERIOR PERSPECTIVE
SCALE: NTS

2 TP-03 TP-03 COA CHIEF OFFICE
INTERIOR PERSPECTIVE
SCALE: NTS

3 TP-03 TP-03 AAIIB OFFICE
INTERIOR PERSPECTIVE
SCALE: NTS

4 TP-03 TP-03 OPCEN OFFICE
INTERIOR PERSPECTIVE
SCALE: NTS

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REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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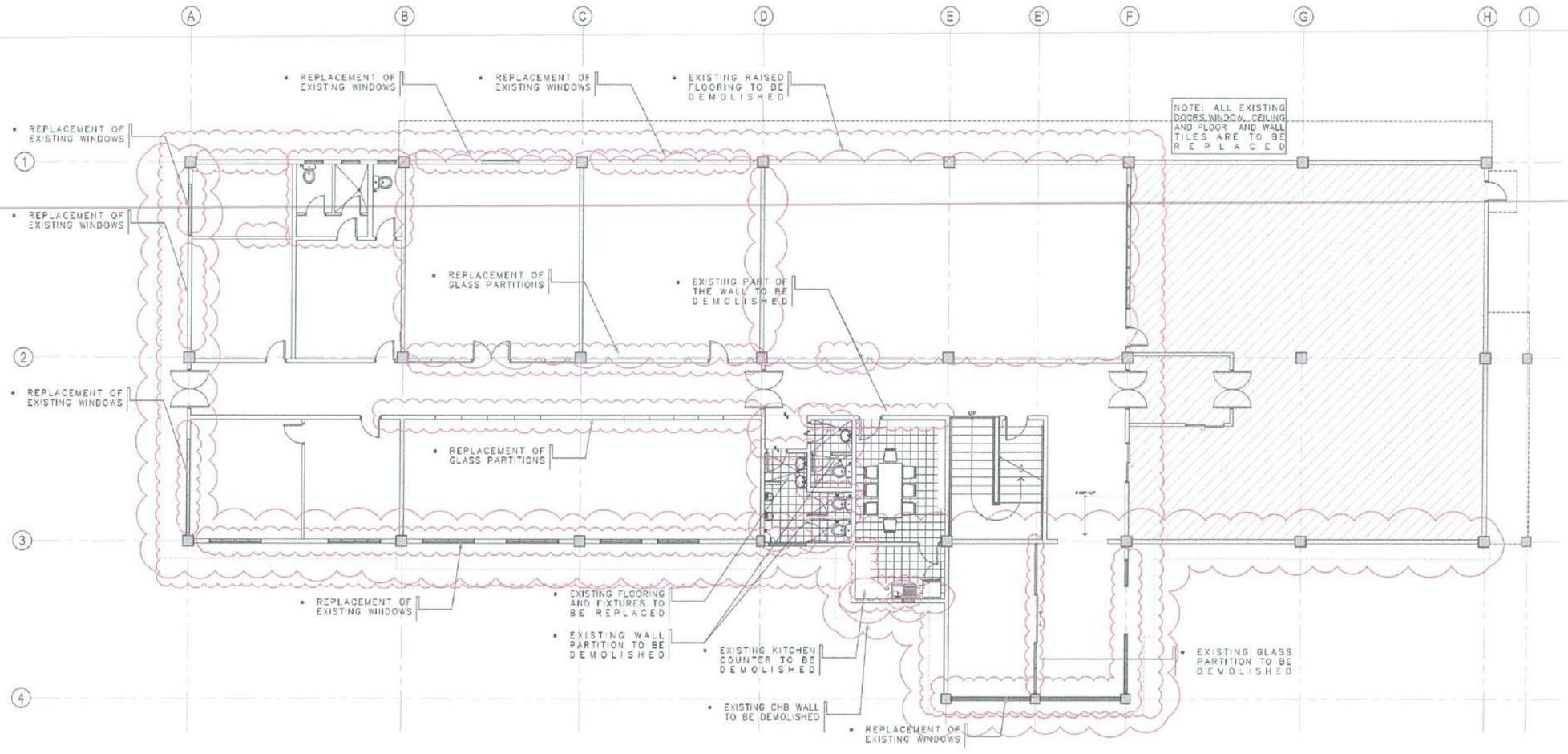
INTERIOR PERSPECTIVES

DRAWING SCALE:	SHEET NO:	
NTS	TP	
	04	17



1 A-01 A-01

GROUND FLOOR
DEMOLITION PLAN
SCALE: 1:100 M

BAR SCALE

0 2 5 10 20

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Division Chief III, IDDD-AED

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ARNEL F. BORLADO
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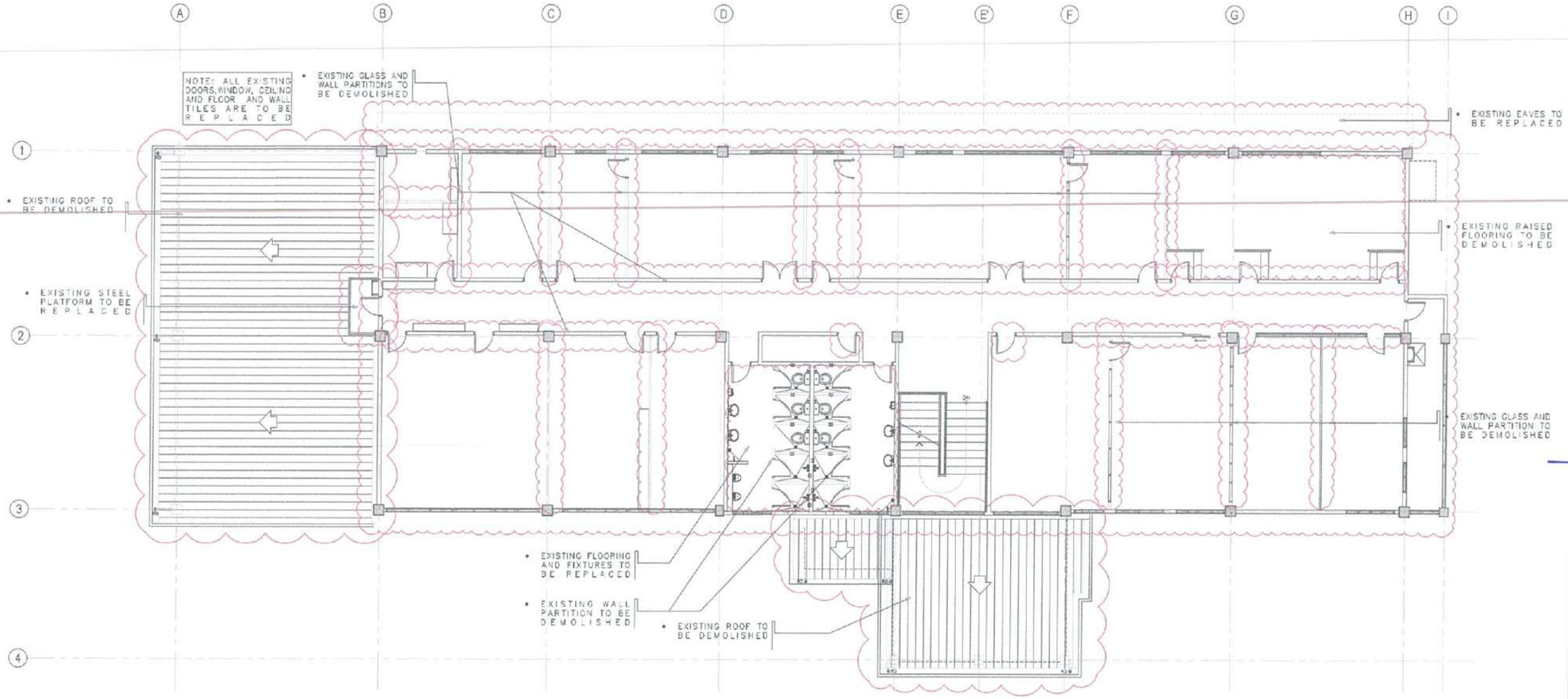
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

- GROUND FLOOR DEMOLITION PLAN

DRAWING SCALE:	SHEET NO:	
1 : 100 M	A	
	4	17



1
A-02 A-02

SECOND FLOOR
DEMOLITION PLAN
SCALE: 1:100 M

BAR SCALE

0 2 5 10 20

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

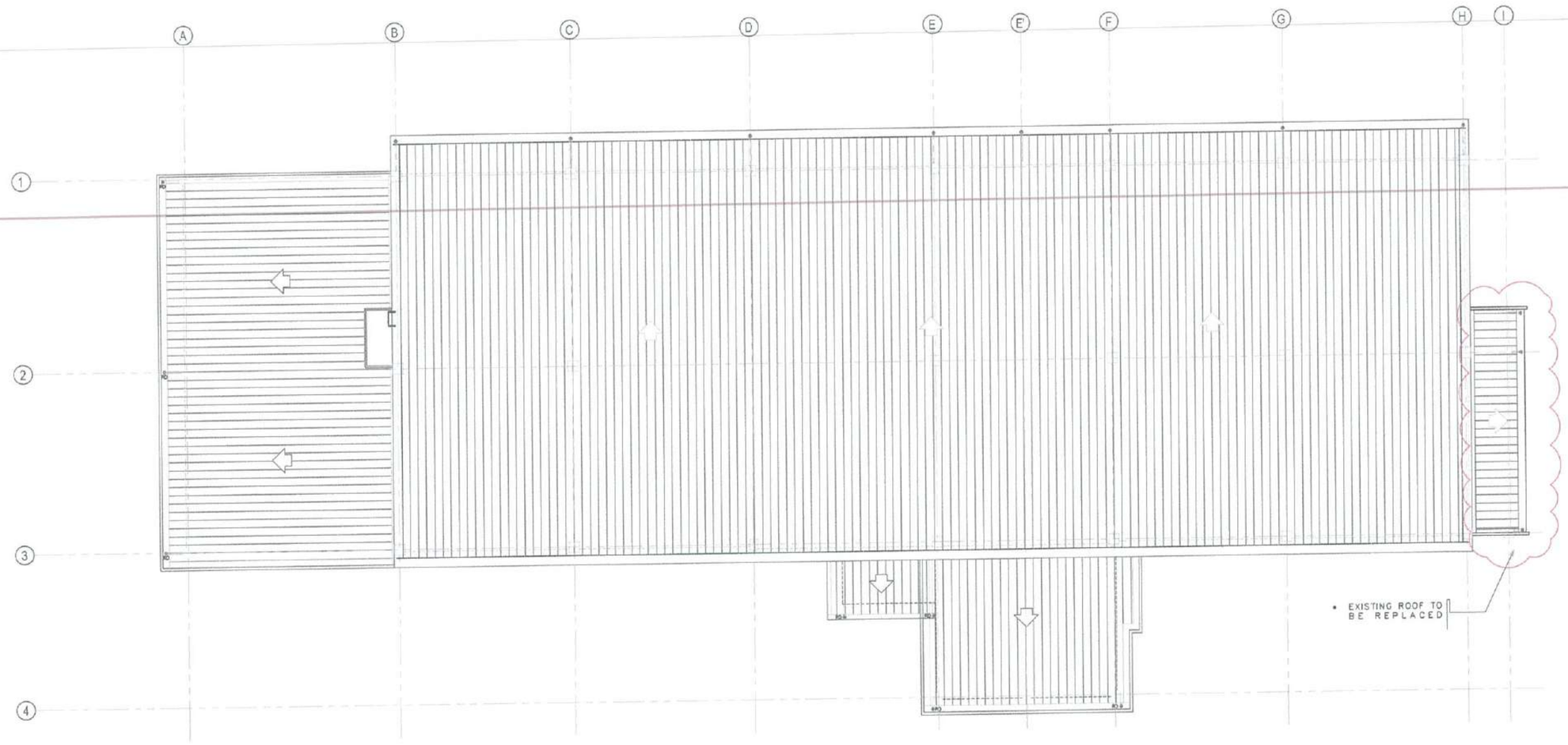
LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

- SECOND FLOOR DEMOLITION PLAN

DRAWING SCALE:	SHEET NO:
1 : 100 M	A 2 / 17



EXISTING ROOF
DEMOLITION PLAN
1 (A-02a / A-02a)
SCALE: 1:100 M

BAR SCALE
0 2 5 10 20

BAGONG PILIPINAS

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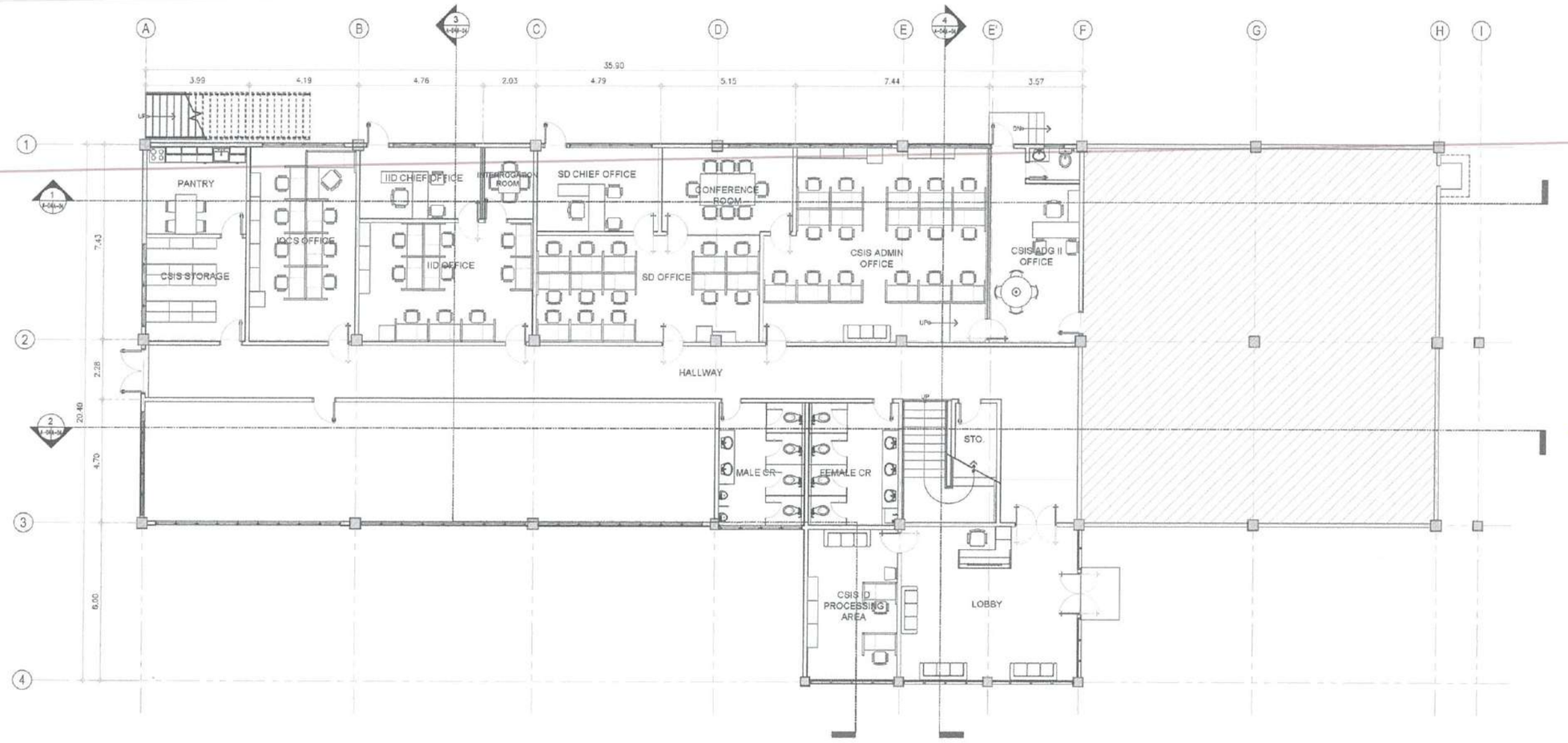
1 : 100 M	A 2a	17



1 A-03 A-03 GROUND FLOOR PLAN
SCALE: 1:100 M

BAR SCALE
0 2 5 10 20

CAA PHILIPPINES
BAGONG PILIPINAS

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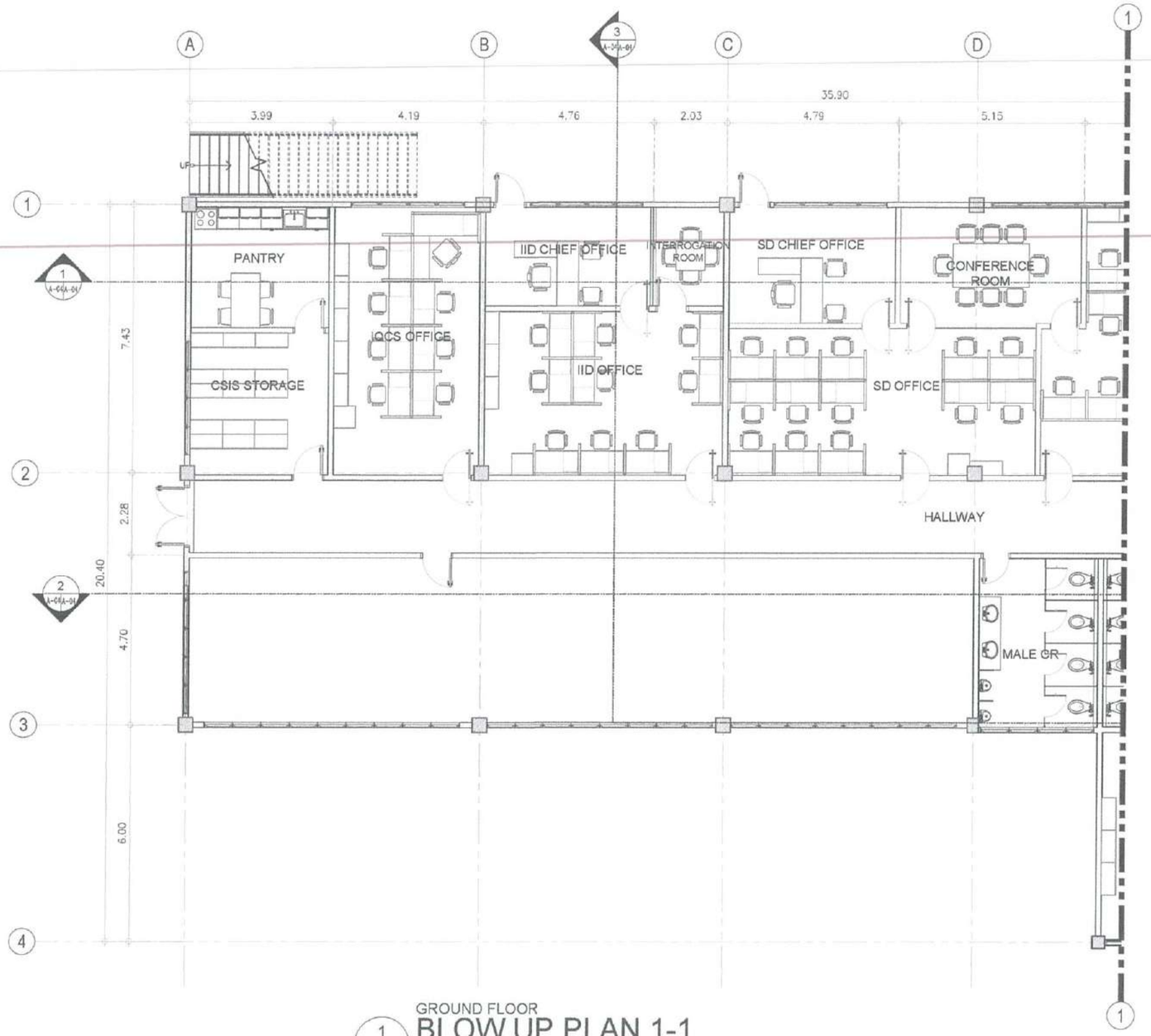

GROUND FLOOR
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

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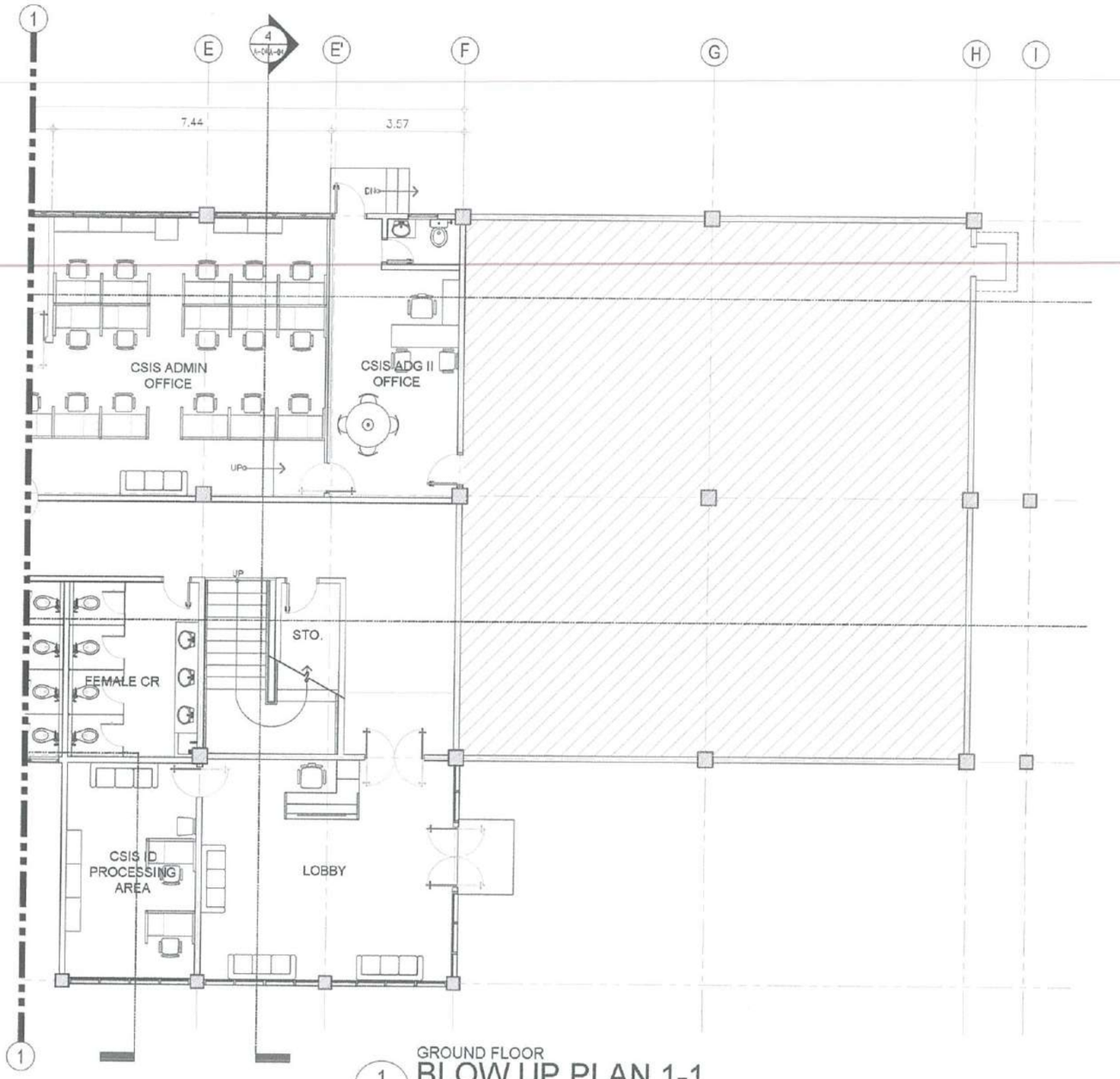
- GROUND FLOOR BLOW-UP PLAN

DRAWING SCALE:	SHEET NO:
1 : 75 M	A 17



GROUND FLOOR
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

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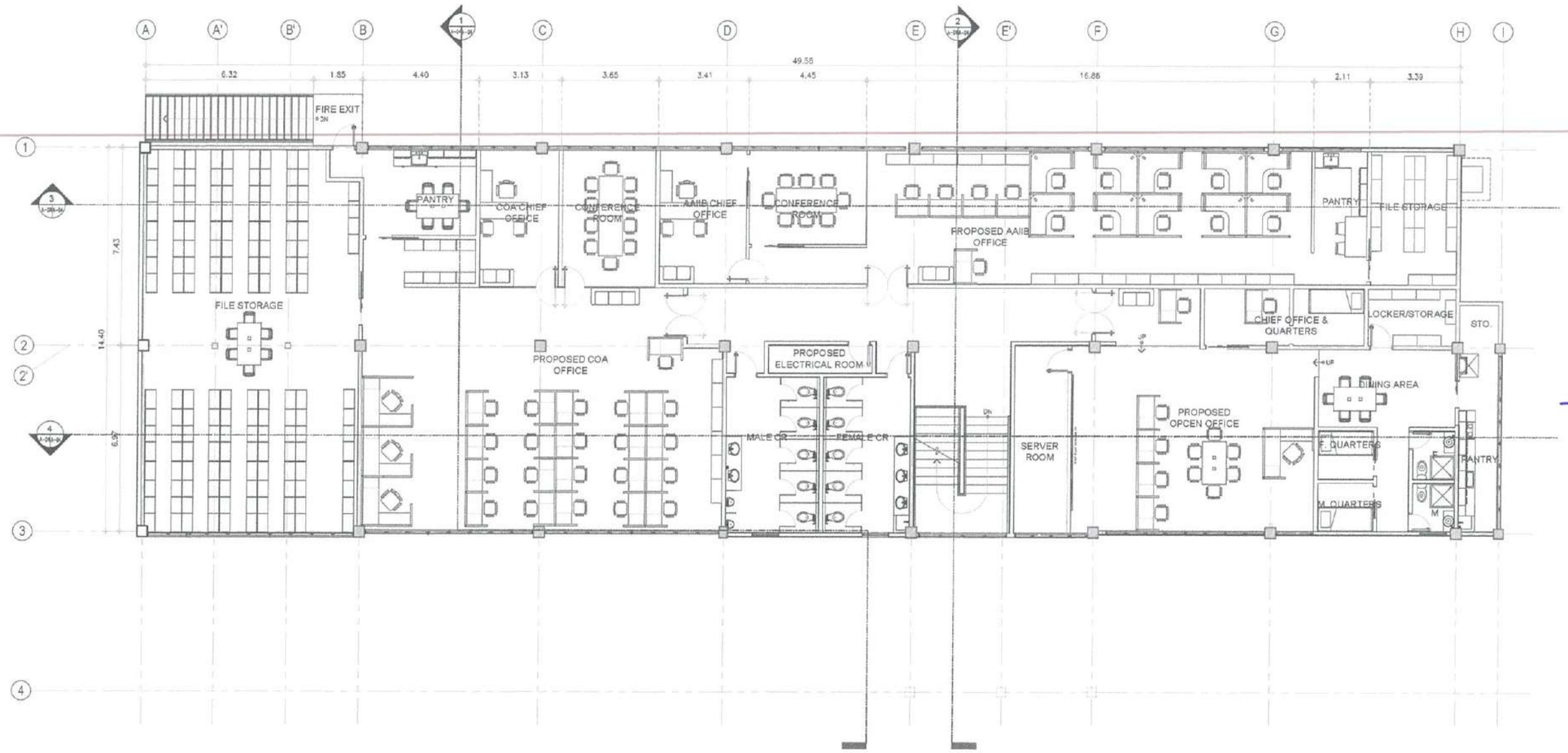

1 SECOND FLOOR PLAN

A-04 A-04

SCALE: 1:100 M

BAR SCALE

0 2 5 10 20

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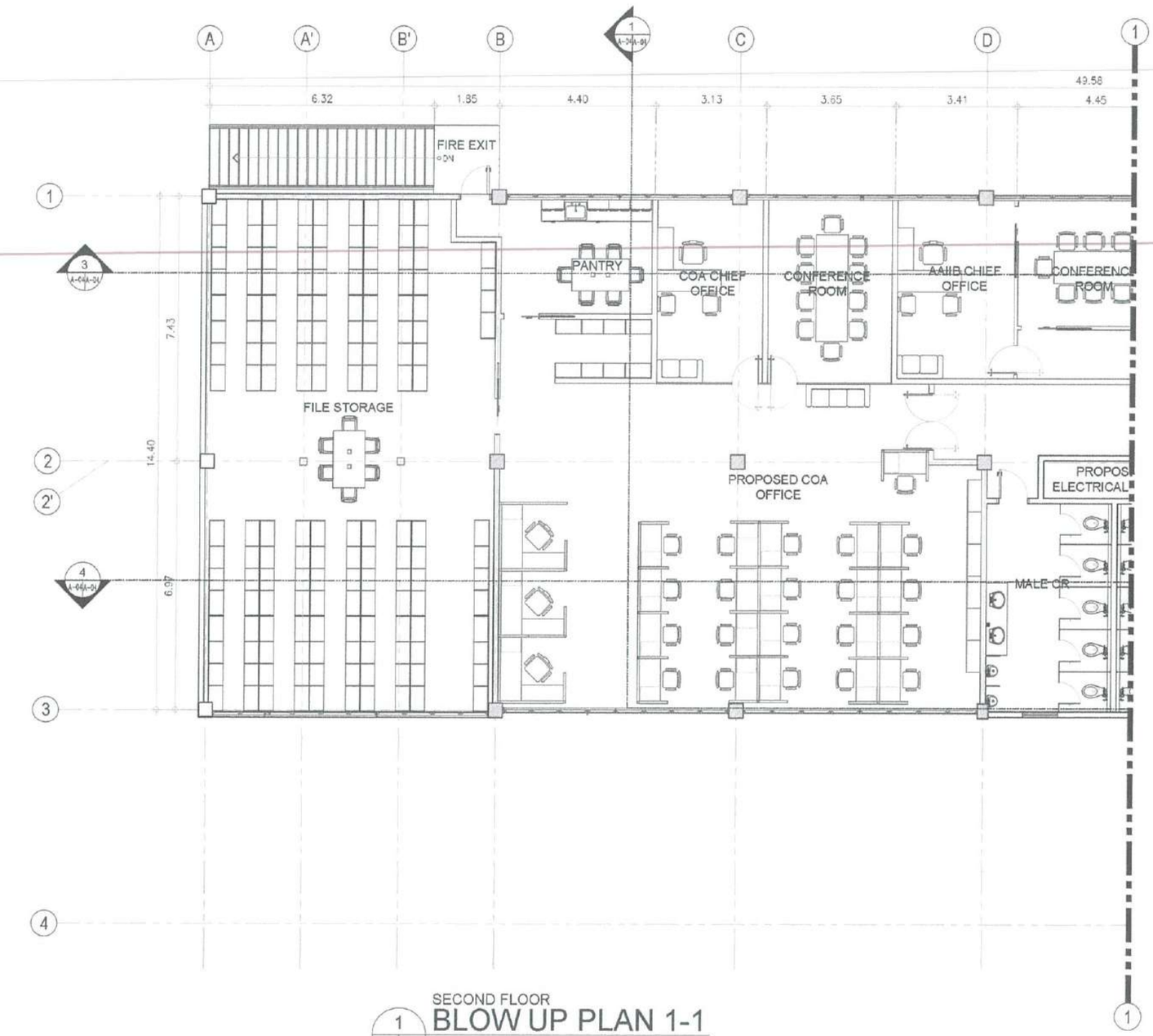

SECOND FLOOR
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

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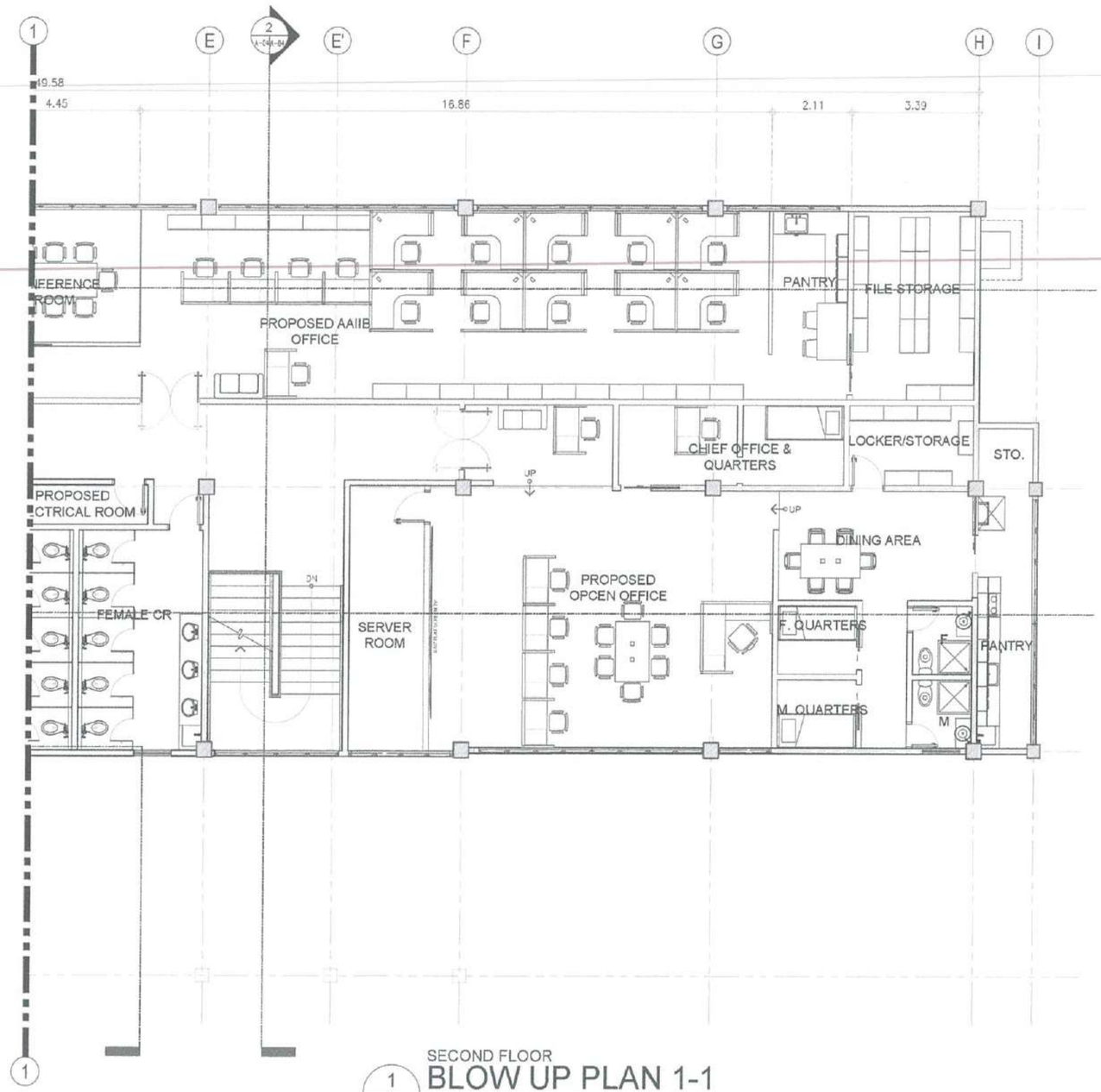

SECOND FLOOR
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

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Department Manager III, AED-ADMS

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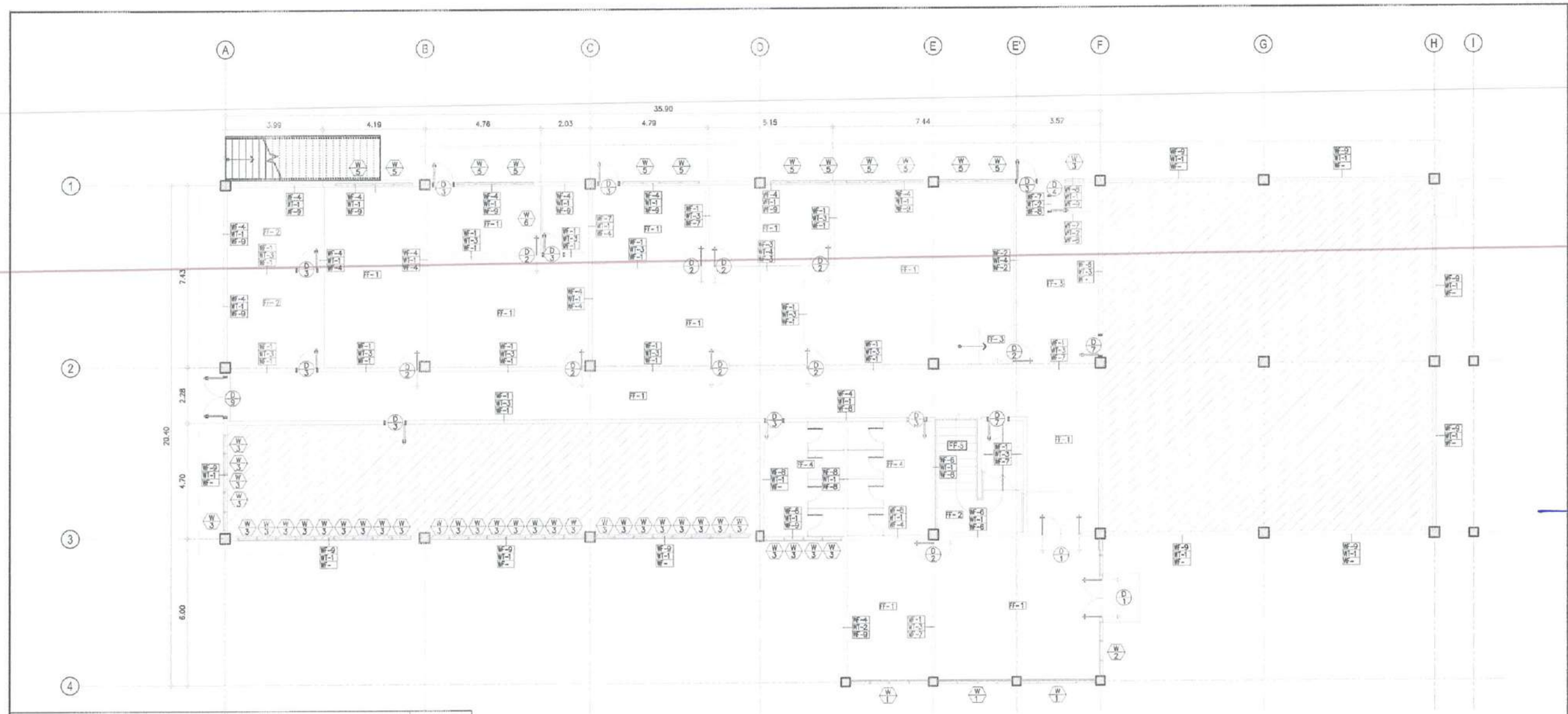

LEGEND

LEGEND	REMARKS
WF — WALL FACING MARK WT — TYPE OF WALL WF — OPPOSITE WALL FACING MARK	

1 / A-3a A-3a

GROUND FLOOR
DETAILED FLOOR PLAN
SCALE: 1:100 M

SCHEDULE OF WALL FINISHES

MARK	FINISHES	REMARKS
WF-1	150mm THK.DRY WALL PARTITION IN 12mm THK. FIBER CEMENT BOARD PAINTED FINISH WITH FOAM ROCKWOOL INSULATION (DOUBLE SIDED)	
WF-2	12mmTHK. FRAMELESS TEMPERED SMART GLASS (VERIFY ACTUAL FLOOR TO CEILING ELEVATION)	
WF-3	12mmTHK. FRAMELESS TEMPERED GLASS (VERIFY ACTUAL FLOOR TO CEILING ELEVATION)	
WF-4	150mm THK. CHB WALL PAINTED WITH 3 COATS OF ACRYLIC LATEX SEMI-GLOSS FINISH	
WF-5	150mm THK. CHB WALL PAINTED WITH ELASTOMERIC MATTE FINISH(WHITE)	
WF-6	150mm THK. WALL PAINTED WITH LIMEWASH FINISH	
WF-7	200mm x 28mm WOOD PLASTIC COMPOSITE PANEL CLADDING ON DRY DRY WALL (VERIFY ACTUAL FLR TO CL ELEV.) PARTITION:DARK OAK COLOR (SUBMIT SAMPLE FOR APPROVAL)	
WF-8	300mm x 600mm x 8mm THK. HOMOGENOUS PORCELAIN TILE (MATTE FINISH) IN CHB WALL (SUBMIT SAMPLE FOR APPROVAL)	
WF-9	150mm THK. CHB WALL PAINTED WITH ELASTOMERIC MATTE FINISH(BLUE)	

SCHEDULE OF FLOOR FINISHES

MARK	FINISHES	REMARKS
FF-1	10mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES POLISHED FINISH (SUBMIT SAMPLE FOR APPROVAL)	
FF-2	10mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES MATTE FINISH (SUBMIT SAMPLE FOR APPROVAL)	
FF-3	30mm THK. x 600mm x 600mm with 3mm THK. ANTI-STATIC HPL CERAMIC COATED STEEL RAISED FLOORING (SUBMIT SAMPLE FOR APPROVAL)	
FF-4	10mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES MATTE FINISH (SUBMIT SAMPLE FOR APPROVAL)	
FF-5	10mm THK. 300mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES WITH WOOD-LIKE MATTE FINISH(SUBMIT SAMPLE FOR APPROVAL)	FOR MAIN STAIR TREADS

SCHEDULE OF WALL TYPES

MARK	TYPES	REMARKS
WT-1	EXISTING CHB WALL	
WT-2	150mm THK. CHB WALL	
WT-3	12mm THK. FICEM BOARD ON METAL STUDS	
WT-4	12mm THK. TEMPERED GLASS PARTITION	

BAR SCALE

0 2 5 10 20

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DESIGNED BY:	IDDD
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REVIEWED BY:

RAUL R. ARUCENA
Division Chief III, IDDD-ADD

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, ADD-ADMS

RECOMMEND APPROVAL:

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Assistant Director General II, ADMS

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- GROUND FLOOR DETAILED PLAN

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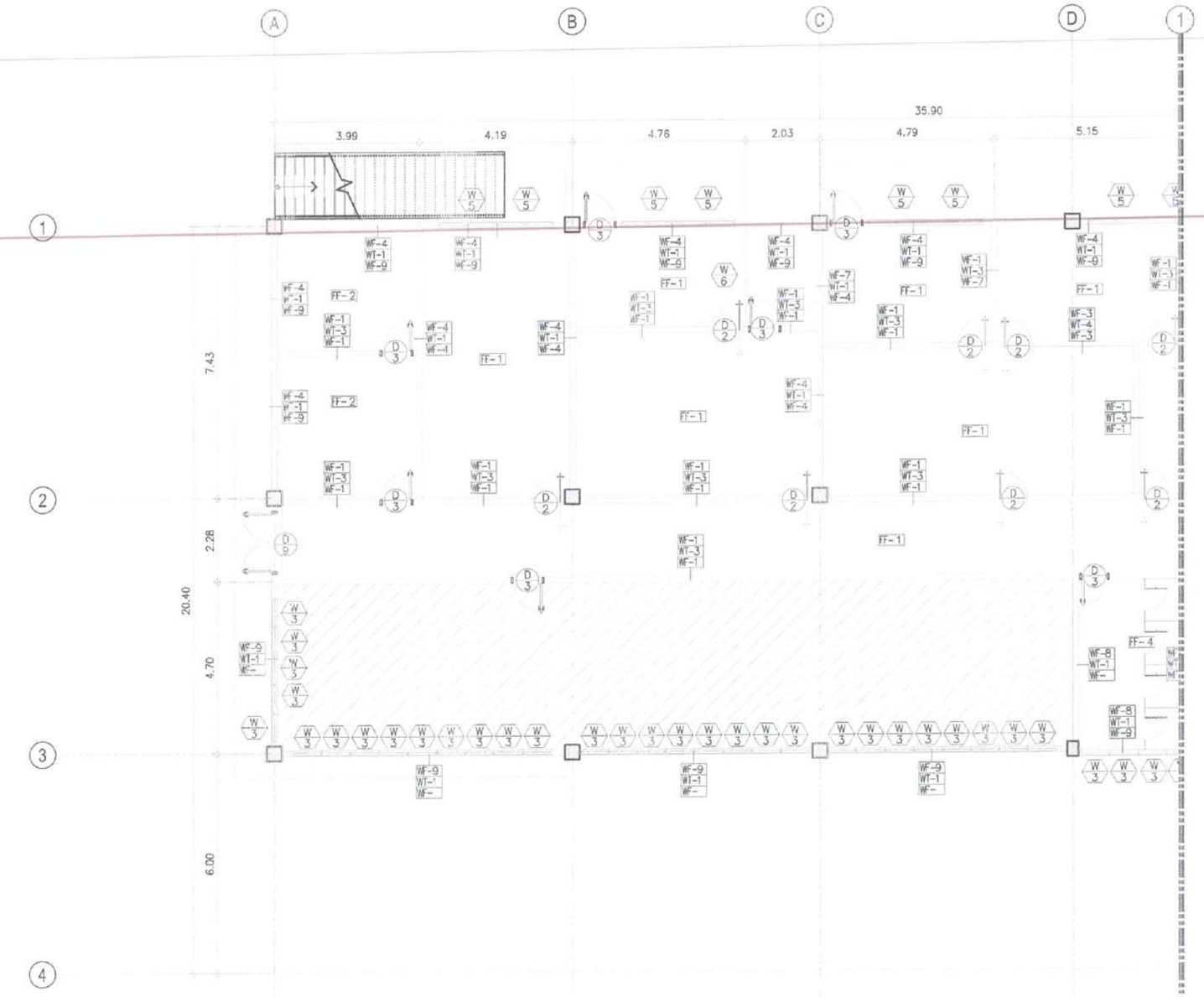
	3a	17



DETAILED GROUND FLOOR
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

LEGEND

	REMARKS
WF WALL FACING MARK WT TYPE OF WALL WF OPPOSITE WALL FACING MARK	

SCHEDULE OF WALL FINISHES

MARK	FINISHES	REMARKS
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WT-2	150mm THK. CHB WALL	
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WT-4	12mm THK. TEMPERED GLASS PARTITION	

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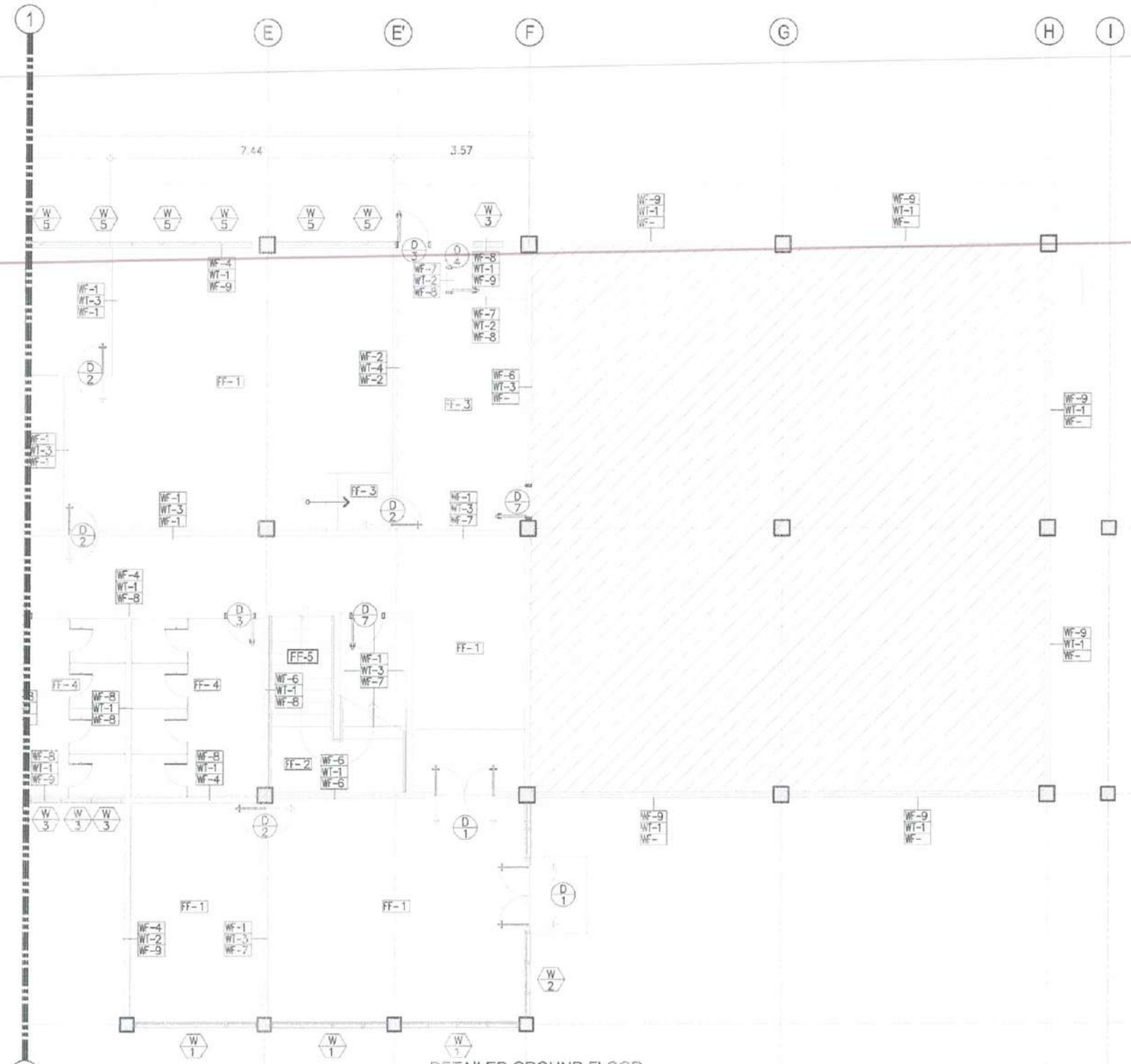
• DETAILED GROUND FLOOR BLOW-UP PLAN

DRAWING SCALE:	SHEET NO:
1:75 M	A 17



DETAILED GROUND FLOOR

BLOW UP PLAN 1-1

SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

LEGEND	REMARKS
WF WALL FACING MARK WT TYPE OF WALL WF OPPOSITE WALL FACING MARK	

SCHEDULE OF WALL FINISHES

MARK	FINISHES	REMARKS
WF-1	150mm THK.DRY WALL PARTITION IN 12mm THK. FIBER CEMENT BOARD PAINTED FINISH WITH FOAM ROCKWOOL INSULATION (DOUBLE SIDED)	
WF-2	12mmTHK. FRAMELESS TEMPERED SMART GLASS (VERIFY ACTUAL FLOOR TO CEILING ELEVATION)	
WF-3	12mmTHK. FRAMELESS TEMPERED GLASS (VERIFY ACTUAL FLOOR TO CEILING ELEVATION)	
WF-4	150mm THK. CHB WALL PAINTED WITH 3 COATS OF ACRYLIC LATEX SEMI-GLOSS FINISH	
WF-5	150mm THK. CHB WALL PAINTED WITH ELASTOMERIC MATTE FINISH(WHITE)	
WF-6	150mm THK. WALL PAINTED WITH LIMEWASH FINISH	
WF-7	200mm x 28mm WOOD PLASTIC COMPOSITE PANEL CLADDING ON DRY DRY WALL (VERIFY ACTUAL FLR TO CL ELEV.) PARTITION: DARK OAK COLOR (SUBMIT SAMPLE FOR APPROVAL)	
WF-8	300mm x 600mm x 8mm THK. HOMOGENOUS PORCELAIN TILE (MATTE FINISH) IN CHB WALL (SUBMIT SAMPLE FOR APPROVAL)	
WF-9	150mm THK. CHB WALL PAINTED WITH ELASTOMERIC MATTE FINISH(BLUE)	

SCHEDULE OF FLOOR FINISHES

MARK	FINISHES	REMARKS
FF-1	10mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES POLISHED FINISH (SUBMIT SAMPLE FOR APPROVAL)	
FF-2	10mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES MATTE FINISH (SUBMIT SAMPLE FOR APPROVAL)	
FF-3	30mm THK. x 600mm x 600mm with 3mm THK. ANTI-STATIC HPL CERAMIC COATED STEEL RAISED FLOORING (SUBMIT SAMPLE FOR APPROVAL)	
FF-4	10mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES MATTE FINISH (SUBMIT SAMPLE FOR APPROVAL)	
FF-5	10mm THK. 300mm x 600mm HOMOGENOUS PORCELAIN FLOOR TILES WITH WOOD-LIKE MATTE FINISH(SUBMIT SAMPLE FOR APPROVAL)	FOR MAIN STAIR TREADS

SCHEDULE OF WALL TYPES

MARK	TYPES	REMARKS
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BAGONG PILIPINAS

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-ADD

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, ADD-ADMS

RECOMMEND APPROVAL:

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

APPROVED BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD, COR. N. AQUINO AVENUE, PASAY CITY

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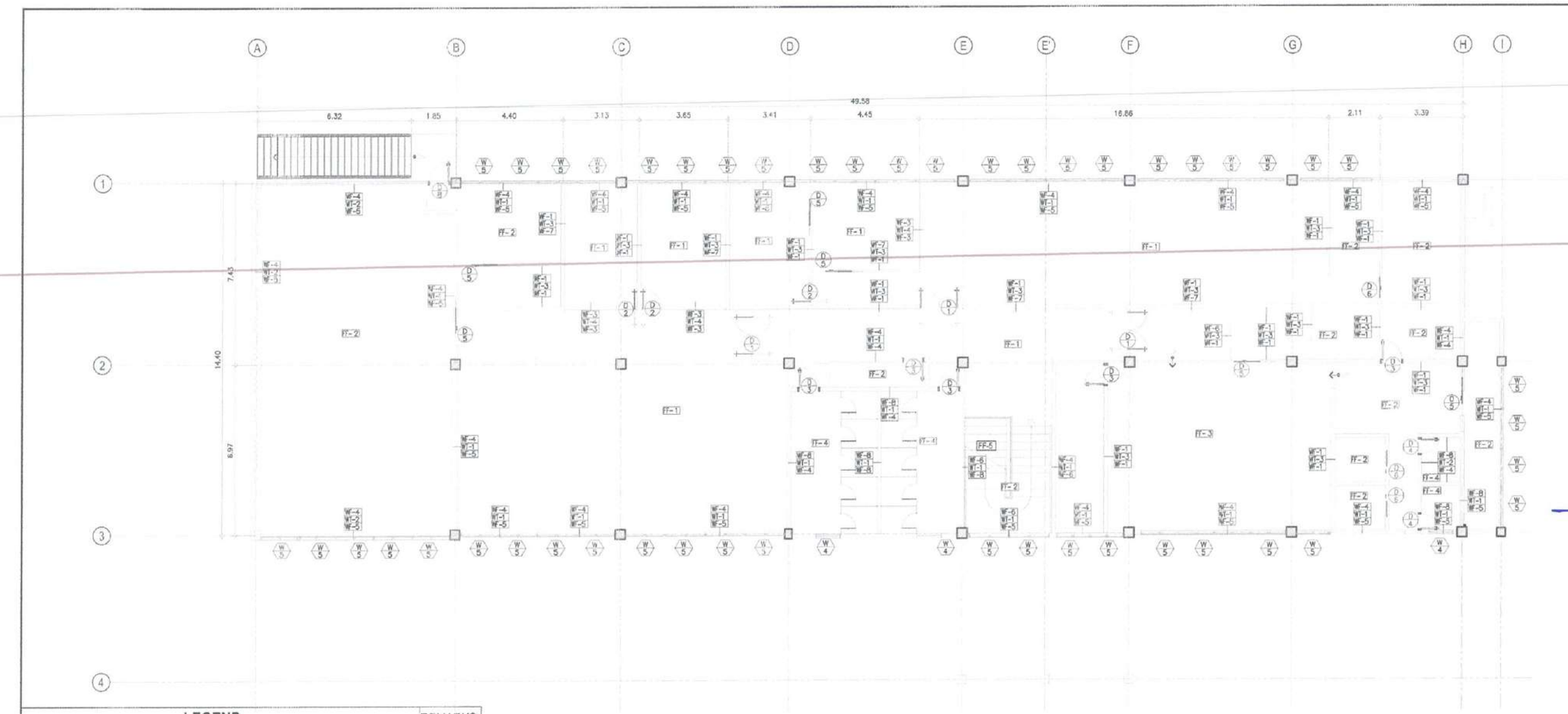

LEGEND	REMARKS
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SECOND FLOOR
DETAILED FLOOR PLAN
1 (A-4a | A-4a)
SCALE: 1:100 M

SCHEDULE OF FLOOR FINISHES

MARK	FINISHES	REMARKS
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BAR SCALE

0 2 5 10 20

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DESIGNED BY:	IDDD
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CHECKED BY:	

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD-ADS

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

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

APPROVED BY:
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Director General

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SHEET CONTENTS:
- SECOND FLOOR DETAILED PLAN

DRAWING SCALE:	SHEET NO:
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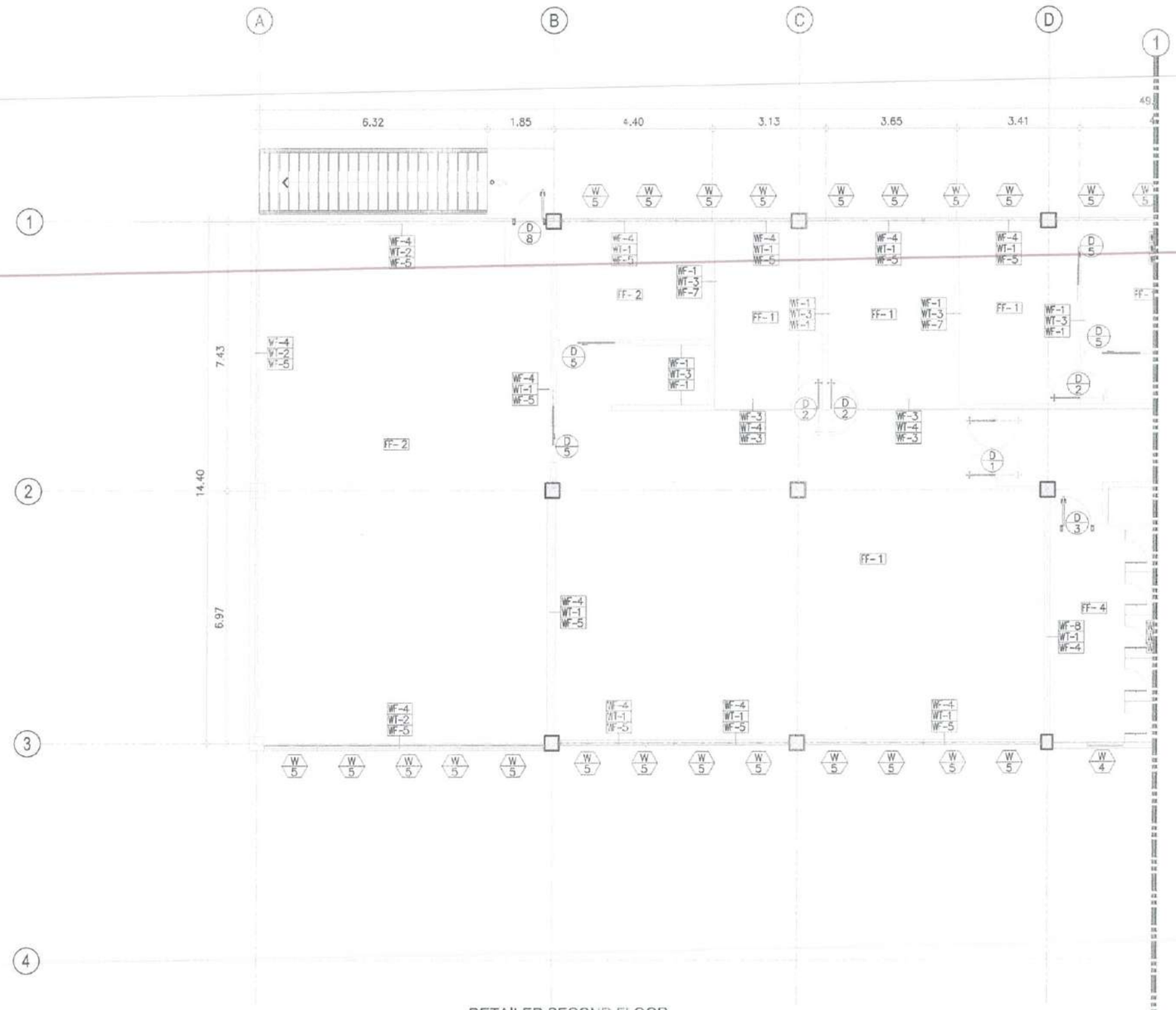

DETAILED SECOND FLOOR
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

LEGEND

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REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-ADD

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, ADD-ADMS

RECOMMEND APPROVAL

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

APPROVED BY

CAPTAIN MICHAEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

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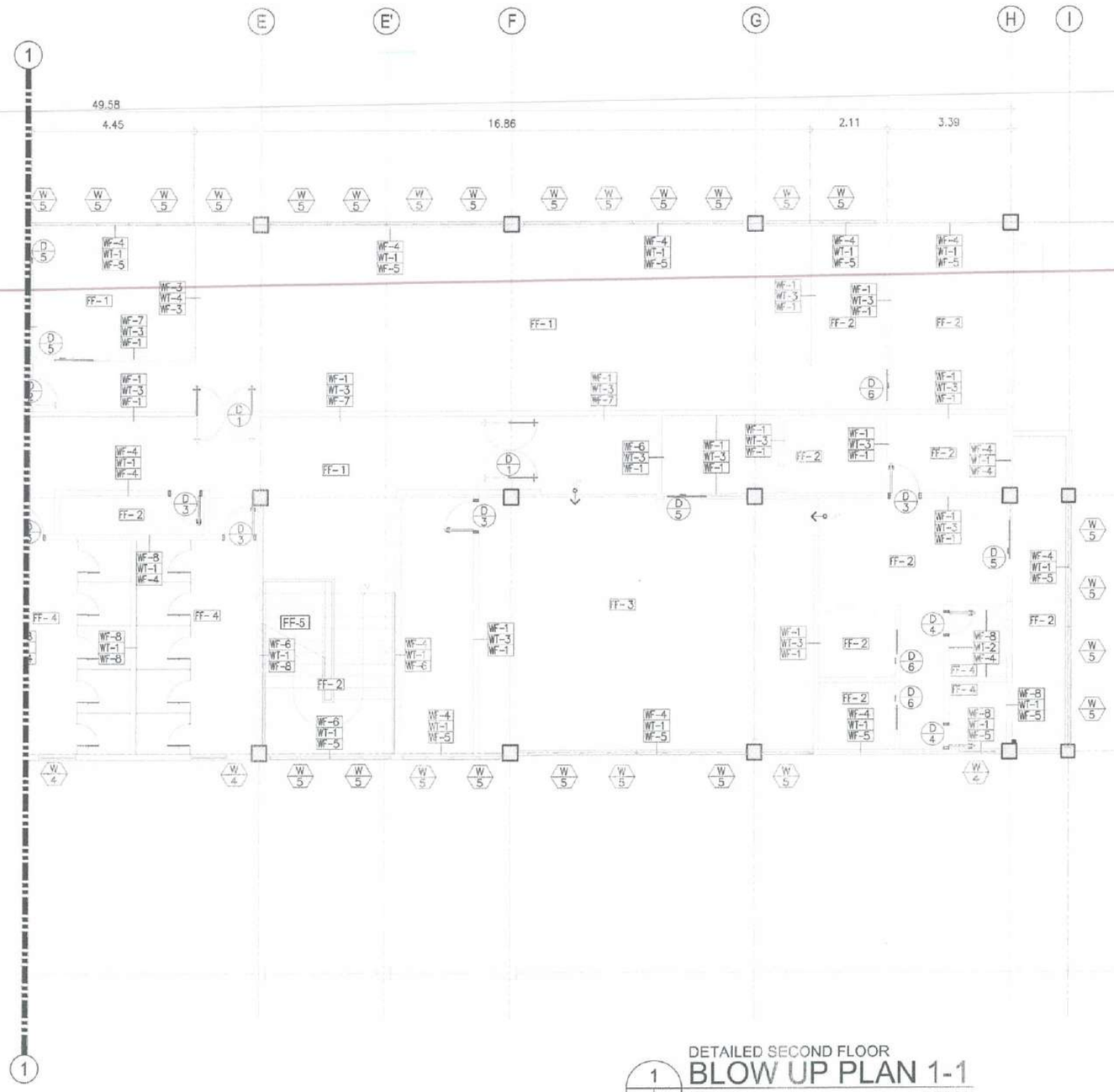

DETAILED SECOND FLOOR
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

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DRAWN BY:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:
RAULIN C. BRUCENA
Division Chief, IDDD-ADD

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

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

APPROVED BY:
CAPTAIN MANUEL JAPHET M. L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:
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LOCATION:
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• DETAILED GROUND FLOOR BLOW-UP PLAN

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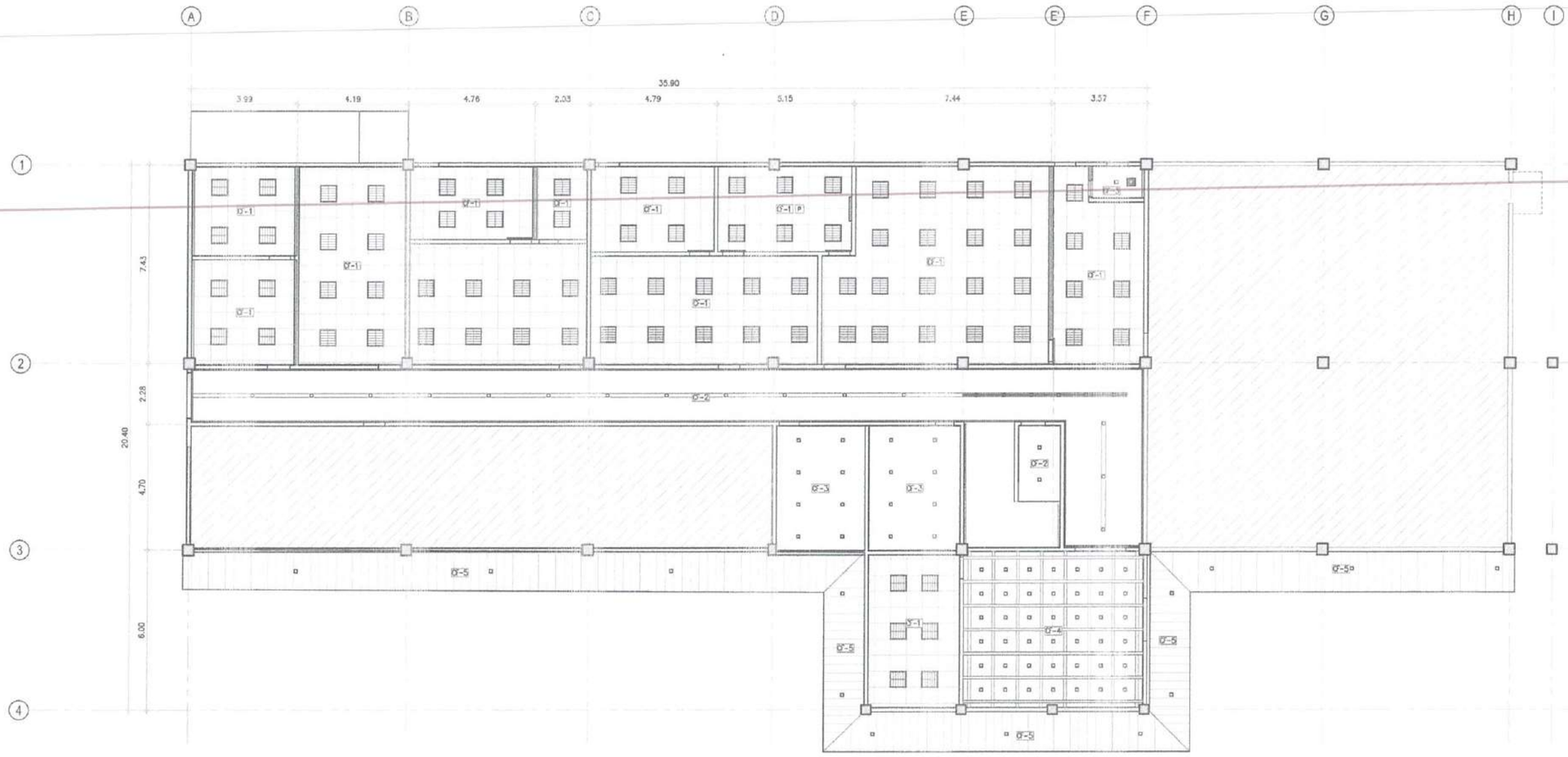

GROUND FLOOR
REFLECTED CEILING PLAN
1 A-05 A-05 SCALE: 1:100 M

BAR SCALE
0 2 5 10 20

L E G E N D

□	6" x 6" RECESSED SQUARE LED DOWNLIGHT
———	MONORAIL TRACK LIGHTING
▦	RECESSED LOUVER TYPE LED LIGHTING FIXTURE
═══	ROLL-UP FABRIC CURTAIN
▣	CEILING MOUNTED EXHAUST FAN
P	CEILING MOUNTED PROJECTOR
═══	CONCEALED PROJECTOR SCREEN

TAG	CEILING FINISHES
CF-1	9 MM THK 600 MM X 600 MM PVC LAMINATED GYPSUM BOARD WITH FOIL BACKING ON SUSPENDED CEILING SYSTEM (ORANGE SKIN FINISH)
CF-2	12MM THK GYPSUM BOARD IN LATEX PAINT FINISH
CF-3	12MM THK MOISTURE RESISTANT GYPSUM BOARD IN LATEX PAINT FINISH
CF-4	1"x 4" KILN DRIED LUMBER @ 0.90M x 0.90M O.C. COFFERED CEILING ON 12MM THK. MARINE PLYWOOD IN ENAMEL PAINT FLAT FINISH (COLOR: VERIFY ARCHITECT)
CF-5	1500MM X 110MM X 0.60M METAL SPANDREL CEILING (COLOR: VERIFY ARCHITECT)

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SHEET CONTENTS:
- GROUND FLOOR REFLECTED CEILING PLAN

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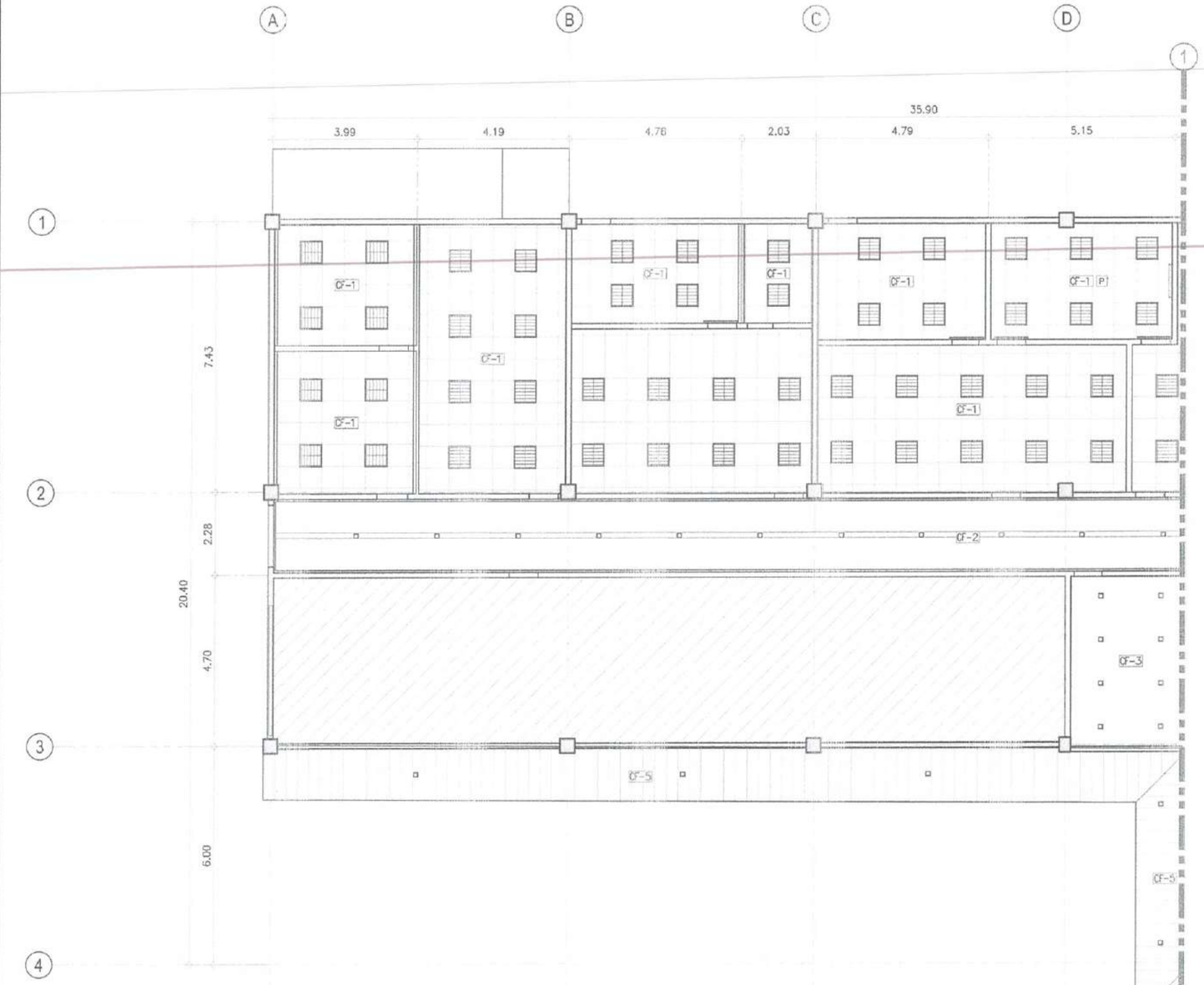

GROUND FLOOR REFLECTED CEILING
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

L E G E N D

	6" x 6" RECESSED SQUARE LED DOWNLIGHT
	MONORAIL TRACK LIGHTING
	RECESSED LOUVER TYPE LED LIGHTING FIXTURE
	ROLL-UP FABRIC CURTAIN
	CEILING MOUNTED EXHAUST FAN
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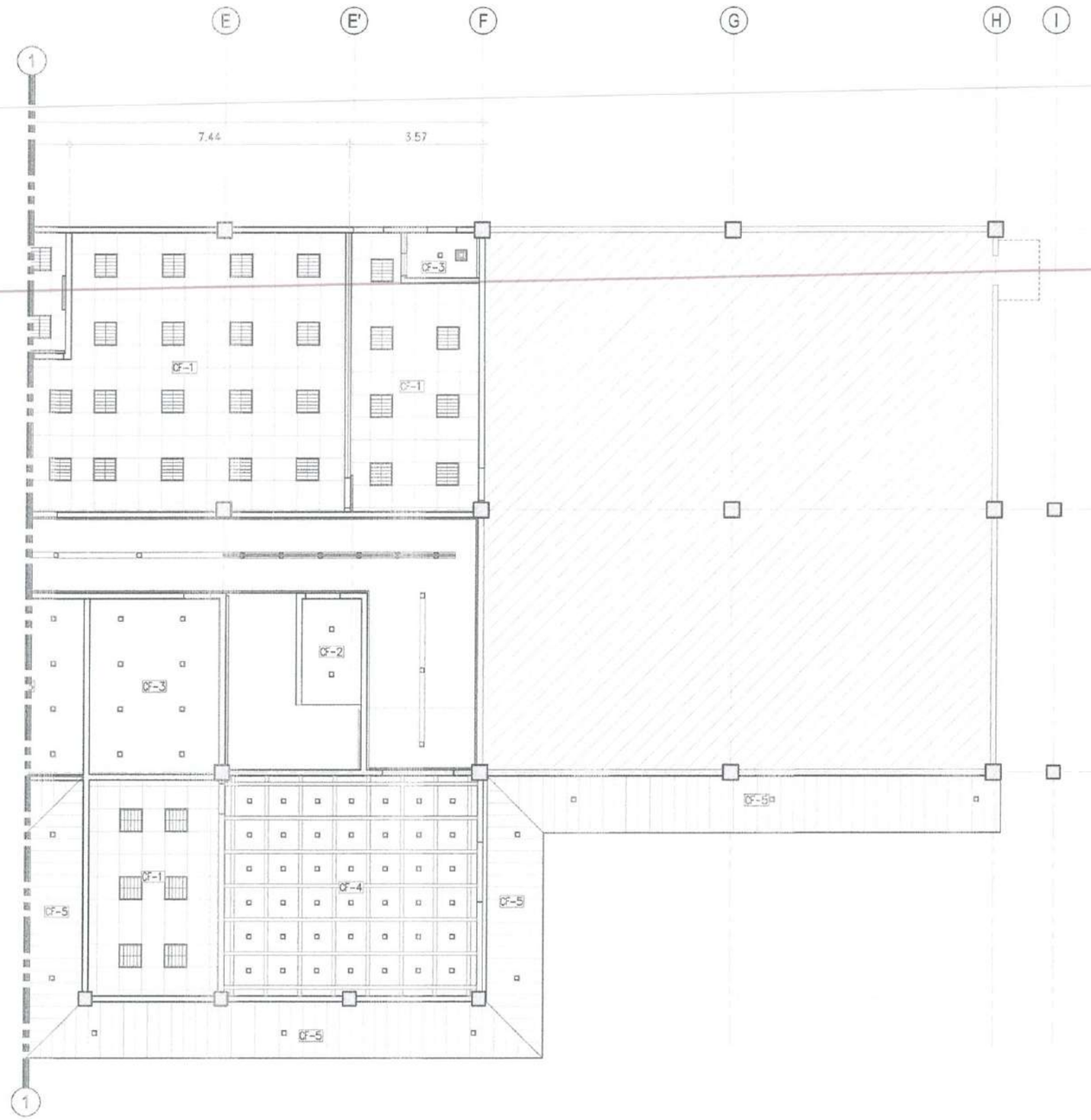

BAR SCALE

0 2 5 10 20

L E G E N D

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—	MONORAIL TRACK LIGHTING
▦	RECESSED LOUVER TYPE LED LIGHTING FIXTURE
═	ROLL-UP FABRIC CURTAIN
▣	CEILING MOUNTED EXHAUST FAN
P	CEILING MOUNTED PROJECTOR
═	CONCEALED PROJECTOR SCREEN

TAG	CEILING FINISHES
CF-1	9 MM THK. 600 MM X 600 MM PVC LAMINATED GYPSUM BOARD WITH FOIL BACKING ON SUSPENDED CEILING SYSTEM (ORANGE SKIN FINISH)
CF-2	12MM THK GYPSUM BOARD IN LATEX PAINT FINISH
CF-3	12MM THK MOISTURE RESISTANT GYPSUM BOARD IN LATEX PAINT FINISH
CF-4	1"x 4" KILN DRIED LUMBER @ 0.90M x 0.90M O.C. COFFERED CEILING ON 12MM THK. MARINE PLYWOOD IN ENAMEL PAINT FLAT FINISH (COLOR: VERIFY ARCHITECT)
CF-5	1500MM X 110MM X 0.60MM METAL SPANDREL CEILING (COLOR: VERIFY ARCHITECT)

BAGONG PILIPINAS

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:

RAUL R. ORUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MARIO ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

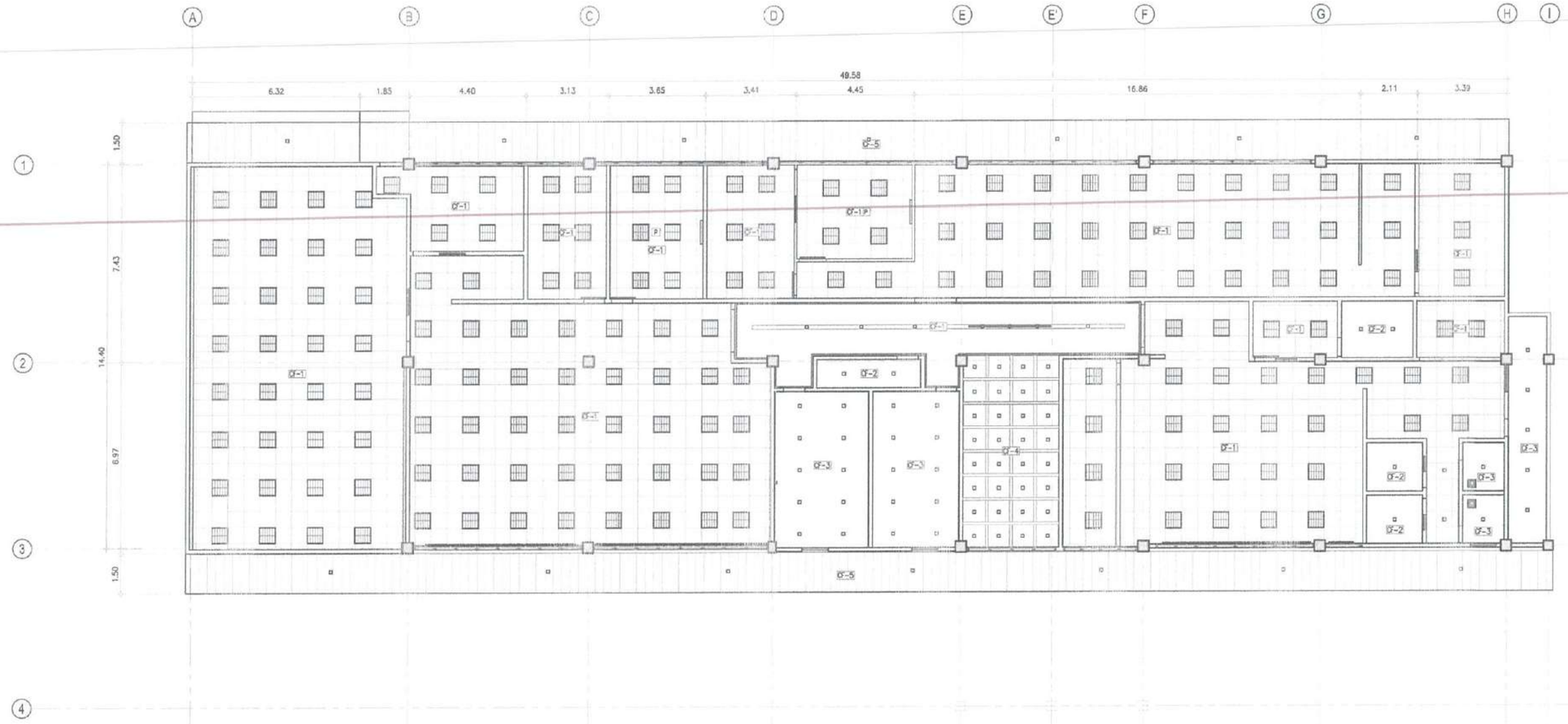
LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

- GROUND FLOOR REFLECTED CEILING BLOW-UP PLAN

DRAWING SCALE:	SHEET NO:
	17



SECOND FLOOR
REFLECTED CEILING PLAN
1 (A-06 / A-06)
SCALE: 1:100 M

BAR SCALE
0 2 5 10 20

L E G E N D

□	6" x 6" RECESSED SQUARE LED DOWNLIGHT
——	MONORAIL TRACK LIGHTING
▦	RECESSED LOUVER TYPE LED LIGHTING FIXTURE
═	ROLL-UP FABRIC CURTAIN
▣	CEILING MOUNTED EXHAUST FAN
P	CEILING MOUNTED PROJECTOR
═	CONCEALED PROJECTOR SCREEN

TAG	CEILING FINISHES
CF-1	9 MM THK 600 MM X 600 MM PVC LAMINATED GYPSUM BOARD WITH FOIL BACKING ON SUSPENDED CEILING SYSTEM (ORANGE SKIN FINISH)
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CF-3	12MM THK MOISTURE RESISTANT GYPSUM BOARD IN LATEX PAINT FINISH
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CF-5	1500MM X 110MM X 0.60MM METAL SPANDREL CEILING (COLOR: VERIFY ARCHITECT)

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD/ADMS

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

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

APPROVED BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

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LOCATION:
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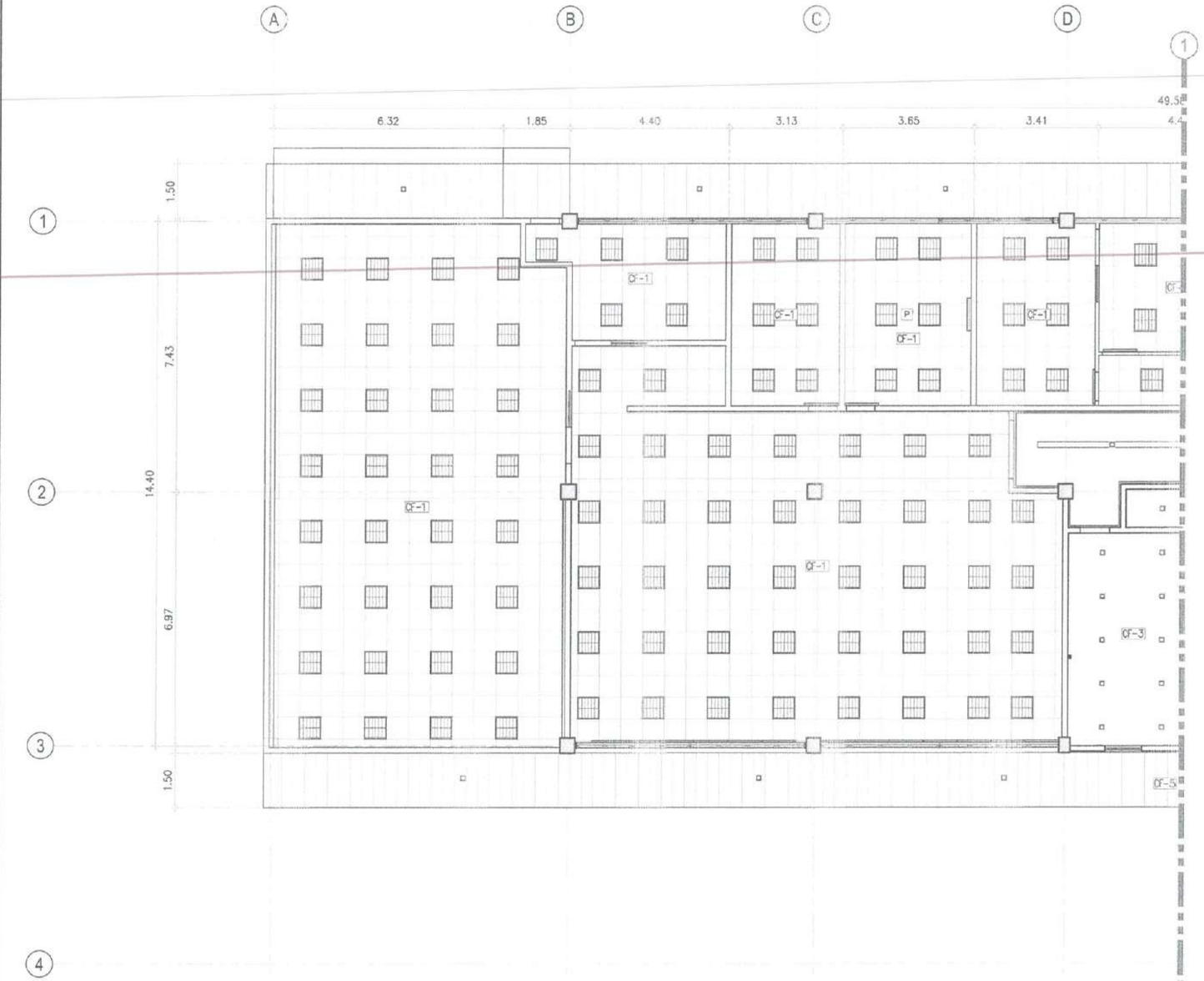
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:
- GROUND FLOOR REFLECTED CEILING PLAN

DRAWING SCALE:	SHEET NO:	
1 : 100 M	A	
	06	17



SECOND FLOOR REFLECTED CEILING
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

L E G E N D

	6" x 6" RECESSED SQUARE LED DOWNLIGHT
	MONORAIL TRACK LIGHTING
	RECESSED LOUVER TYPE LED LIGHTING FIXTURE
	ROLL-UP FABRIC CURTAIN
	CEILING MOUNTED EXHAUST FAN
P	CEILING MOUNTED PROJECTOR
	CONCEALED PROJECTOR SCREEN

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CF-5	1500MM X 110MM X 0.60MM METAL SPANDREL CEILING (COLOR: VERIFY ARCHITECT)

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
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REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, ARD-ADMS

RECOMMEND APPROVAL:

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

APPROVED BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

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SHEET CONTENTS:
- SECOND FLOOR REFLECTED CEILING BLOW-UP PLAN

DRAWING SCALE:	SHEET NO:
1 : 75 M	A 17

SECOND FLOOR REFLECTED CEILING
BLOW UP PLAN 1-1
SCALE: 1:75 M

BAR SCALE

0 2 5 10 20

L E G E N D

	6" x 6" RECESSED SQUARE LED DOWNLIGHT
	MONORAIL TRACK LIGHTING
	RECESSED LOUVER TYPE LED LIGHTING FIXTURE
	ROLL-UP FABRIC CURTAIN
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Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

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SHEET CONTENTS:
- SECOND FLOOR REFLECTED CEILING BLOW-UP PLAN

DRAWING SCALE:	SHEET NO:
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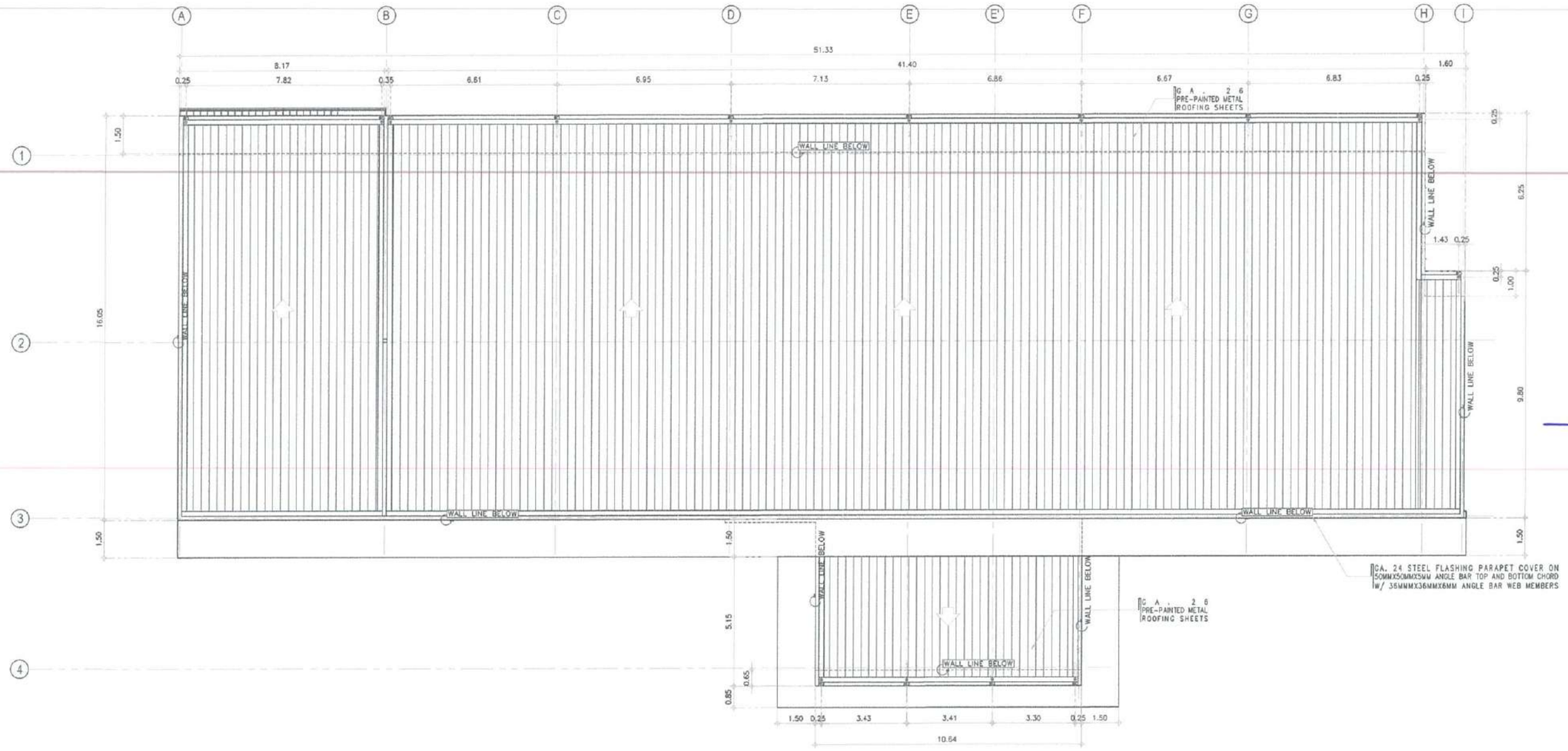

1 A-07 A-07 **ROOF PLAN**
SCALE: 1:100 M

BAR SCALE
0 2 5 10 20

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DESIGNED BY:	IDDD
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CHECKED BY:	

REVIEWED BY:
RAUL R. CRUCENA
Division Chief II, IDDD-AED

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

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

APPROVED BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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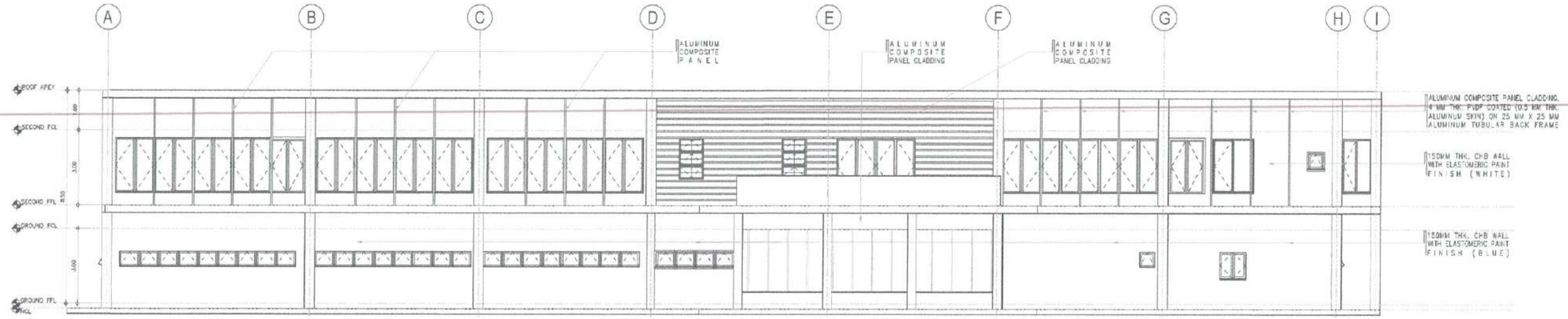
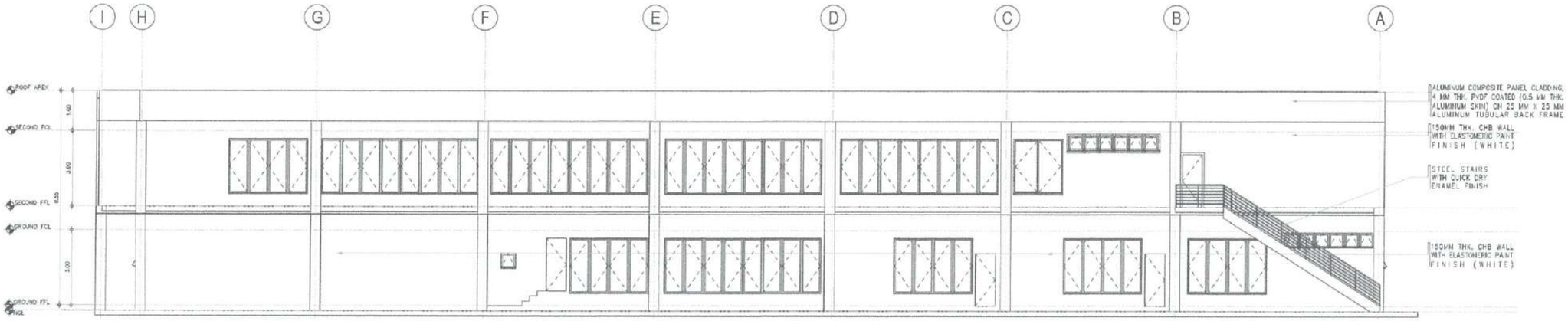
SHEET CONTENTS:
- ROOF PLAN

DRAWING SCALE:	SHEET NO:	
1 : 100 M	A	
	07	17



1 A-08A-08 **FRONT ELEVATION**
SCALE: 1 : 100 M



2 A-08A-08 **REAR ELEVATION**
SCALE: 1 : 100 M

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DESIGNED BY	IDDD
DRAWN BY	DRPG/MPLR
CHECKED BY	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:
- ELEVATIONS

DRAWING SCALE:	SHEET NO:	
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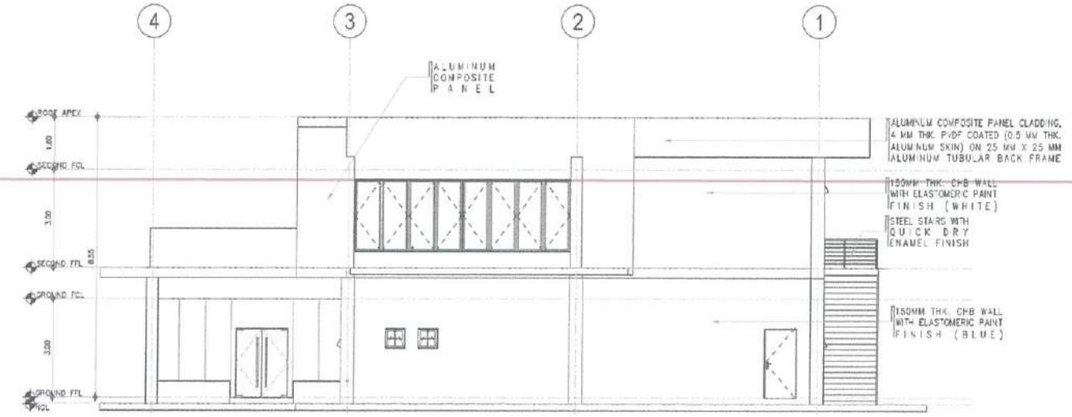
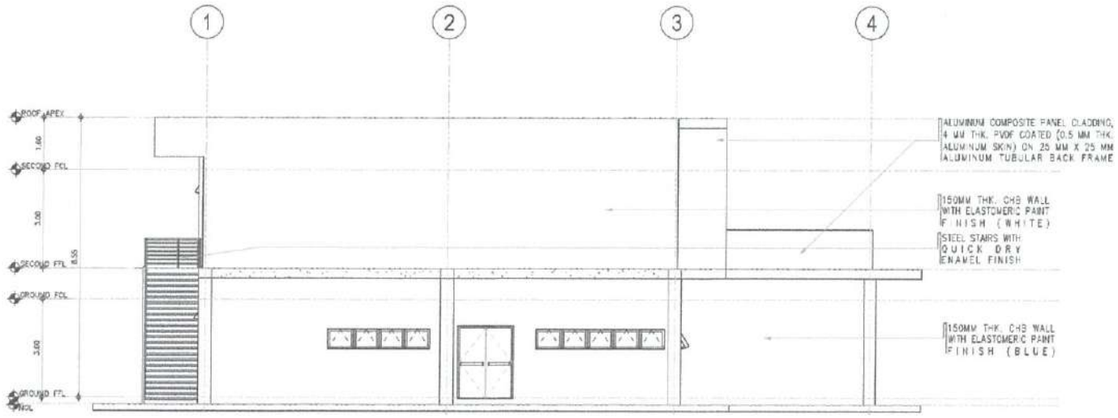
	08	17



1 A-09A-09 **RIGHT-SIDE ELEVATION**
SCALE: 1 : 100 M



2 A-09A-09 **LEFT-SIDE ELEVATION**
SCALE: 1 : 100 M

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RAUL R. CRUCENA
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ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

LT.COL. VALENTINO A DIONELA PAF (RET)
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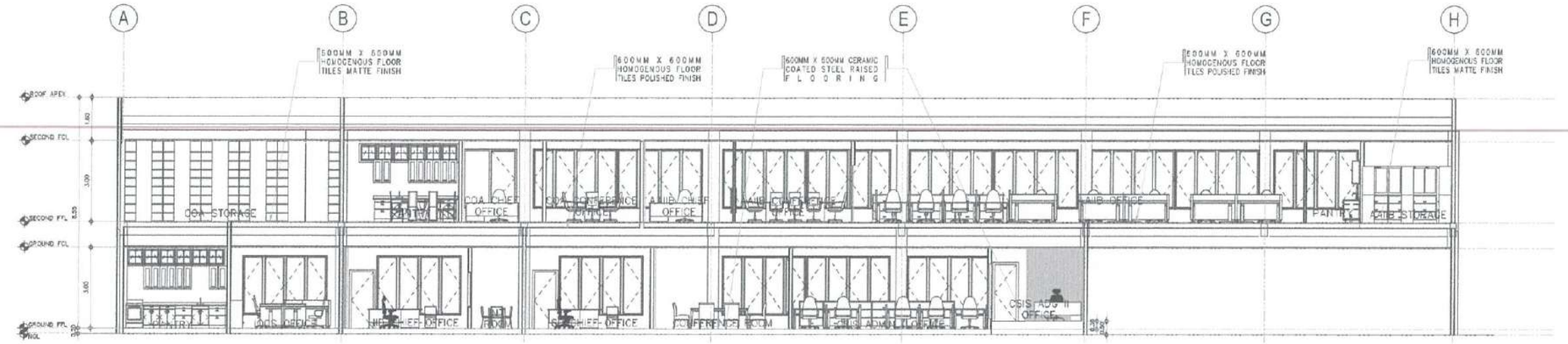
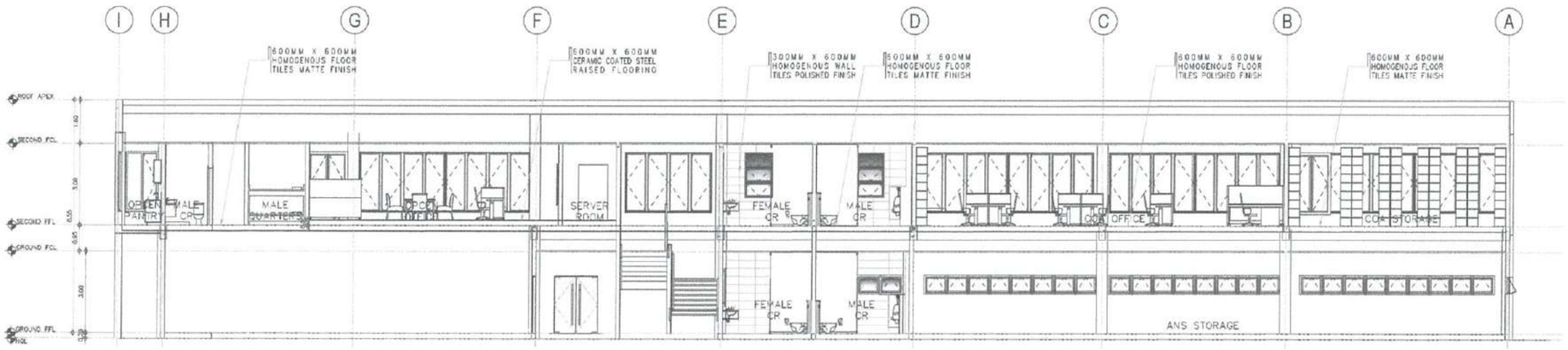
- ELEVATIONS

DRAWING SCALE:	SHEET NO:
1 : 100 M	A 09 / 17



1 LONGITUDINAL SECTION THRU '1'

A-10/A-10 SCALE: 1 : 100 M



2 LONGITUDINAL SECTION THRU '2'

A-10/A-10 SCALE: 1 : 100 M

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DESIGNED BY:	CDD
DRAWN BY:	DRP/SMPLR
CHECKED BY:	

REVIEWED BY:

RAUL R. BRUCENA
Division Chief III, IDDD-AED

SUBMITTED BY:

ARNEL F. BORLADO
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RECOMMEND APPROVAL:

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- SECTIONS

DRAWING SCALE	SHEET NO.	
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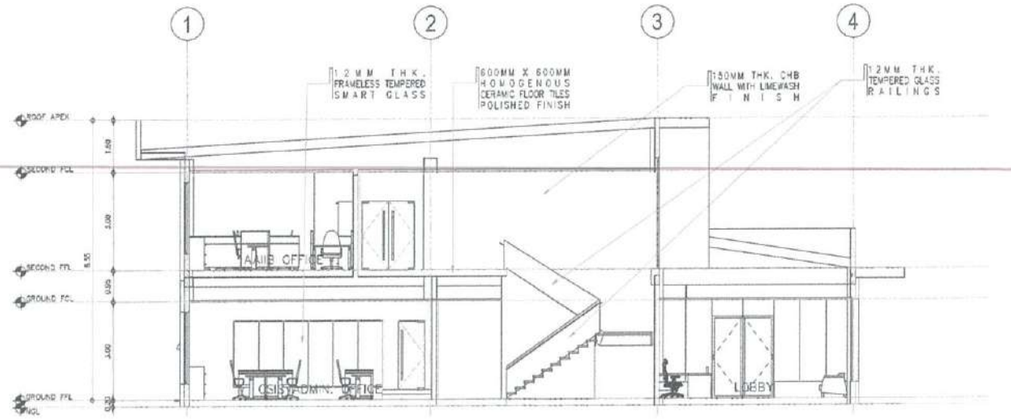
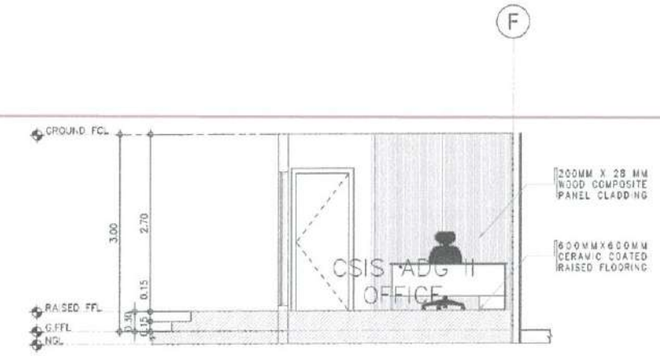
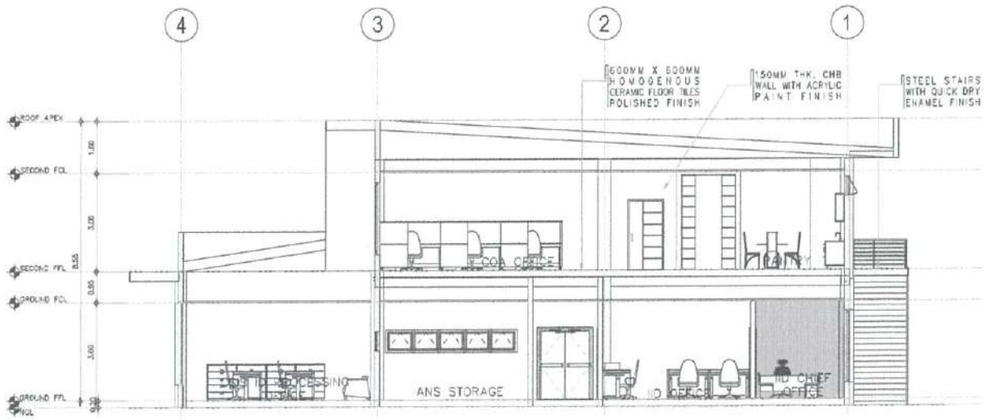
	10	17



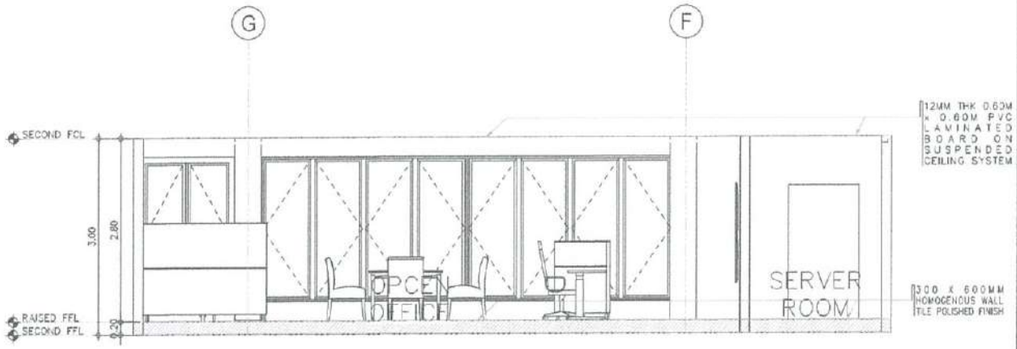
1 A-11 A-11 **CROSS SECTION THRU '3'**
SCALE: 1 : 100 M



RAISED FLOORING @ ADG II OFFICE
3 A-11 A-11 **BLOW UP SECTION**
SCALE: 1 : 50 M



2 A-11 A-11 **CROSS SECTION THRU '4'**
SCALE: 1 : 100 M



RAISED FLOORING @ OPCEN OFFICE
4 A-11 A-11 **BLOW UP SECTION**
SCALE: 1 : 50 M

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ARNEL F. BORLADO
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RECOMMEND APPROVAL:
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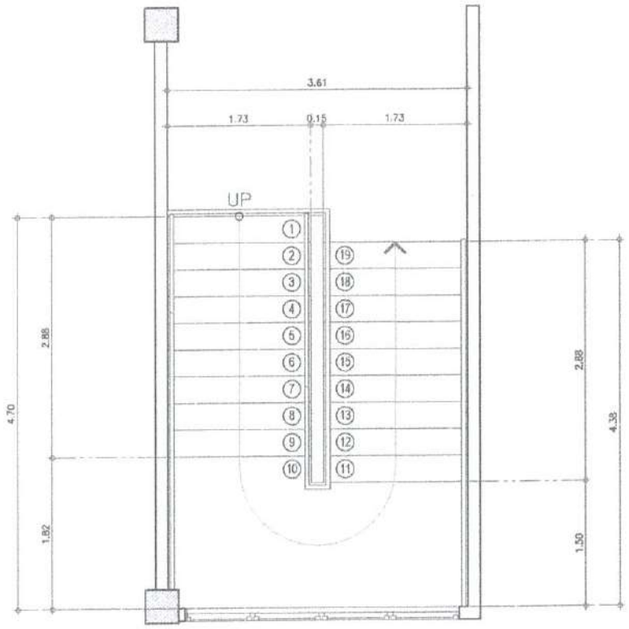
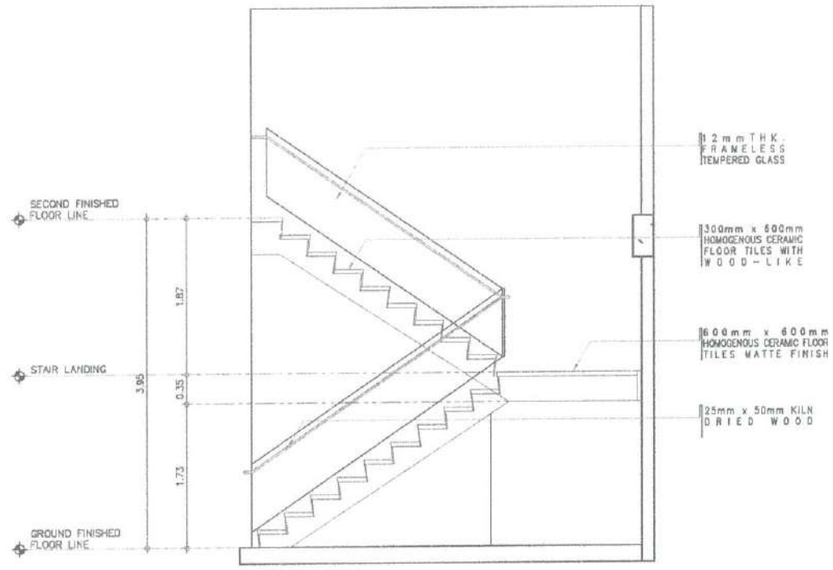
SHEET CONTENTS:
- SECTIONS
- BLOW-UP SECTIONS

DRAWING SCALE:	SHEET NO:	
AS SHOWN	A	
	11	17



PLAN



SECTION

1 STAIR DETAILS
SCALE: 1 : 40 M

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	DRP/DMPLR
CHECKED BY:	

REVIEWED BY:

RAUL B. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

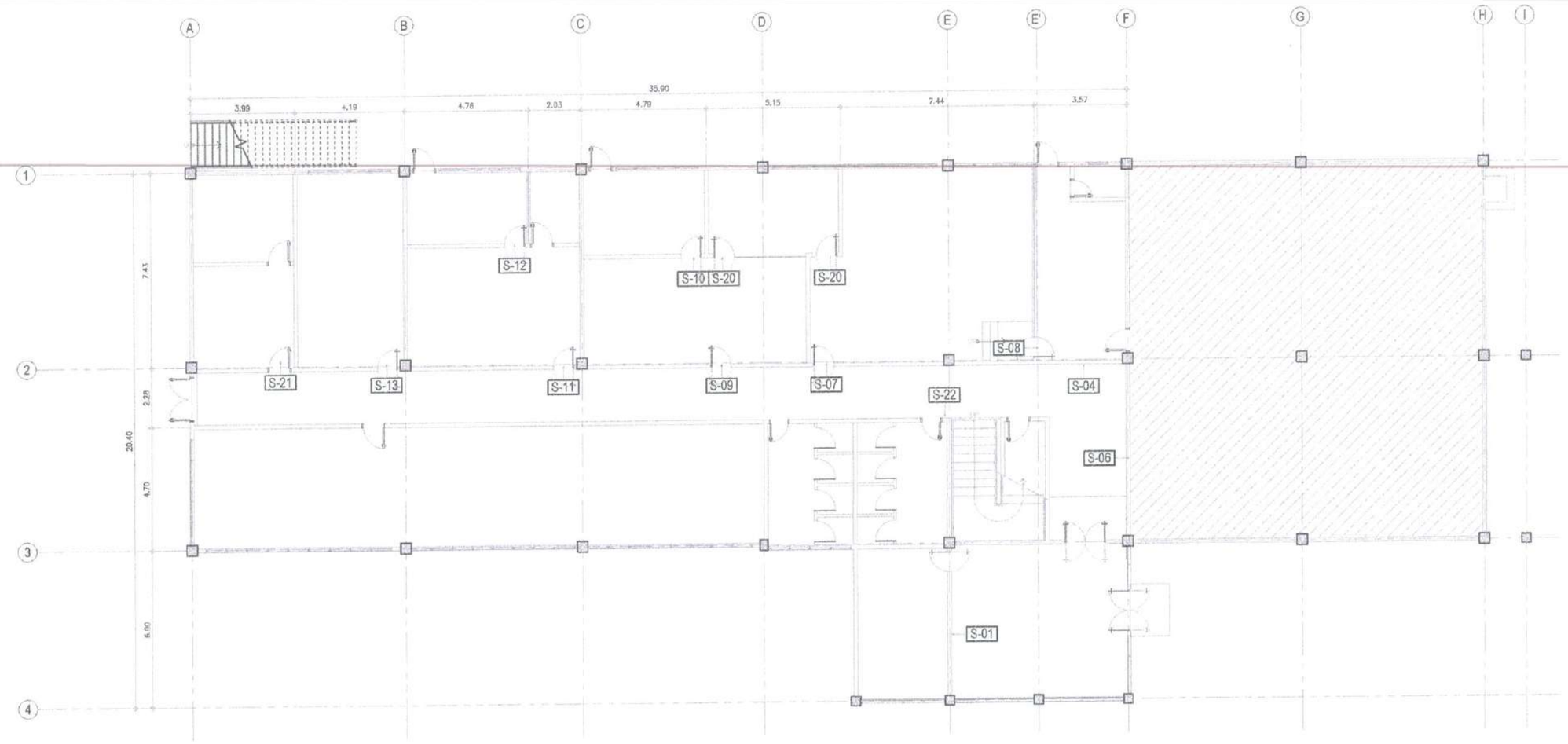
LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

- STAIR DETAILS

DRAWING SCALE:	SHEET NO:
AS SHOWN	A 17



1
A-12 A-12

GROUND FLOOR
SIGNAGE LAYOUT PLAN
SCALE: 1:100 M

BAR SCALE

0 2 5 10 20

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SHEET CONTENTS:

- SIGNAGE LAYOUT PLAN

DRAWING SCALE:	SHEET NO:	
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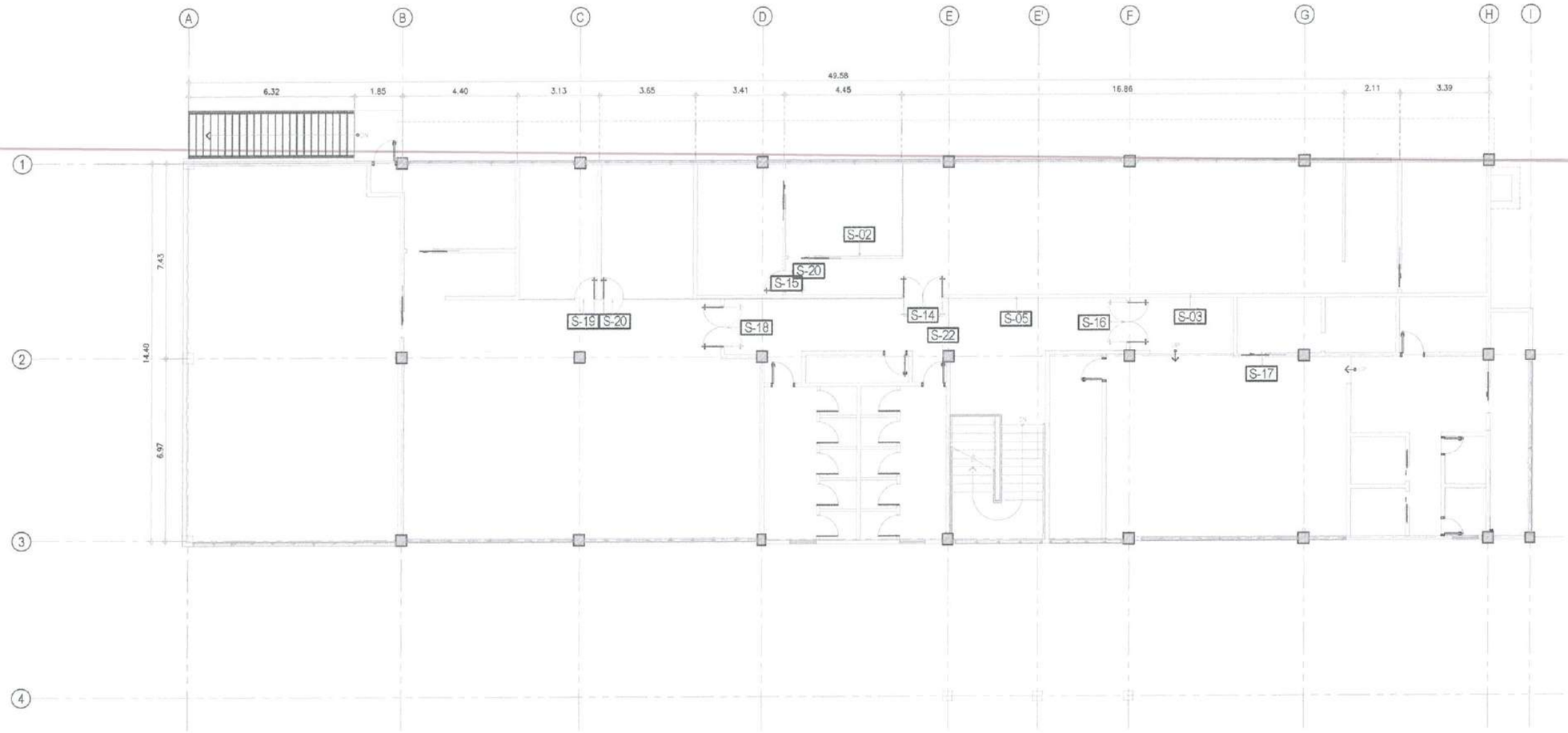

1 A-13 A-13

SECOND FLOOR
SIGNAGE LAYOUT PLAN
SCALE: 1:100 M

BAR SCALE

0 2 5 10 20

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SHEET CONTENTS:

- SIGNAGE LAYOUT PLAN

DRAWING SCALE:	SHEET NO:	
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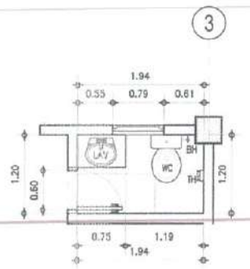
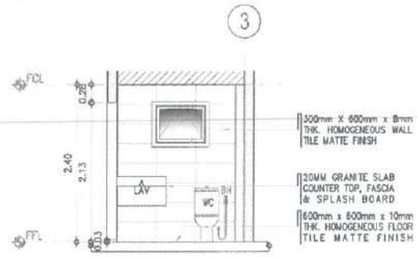
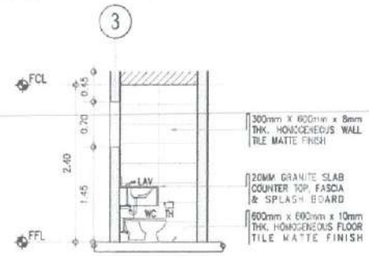
	13	17



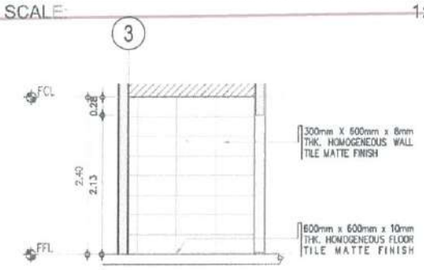
CSIS ADG II OFFICE
1 TOILET DETAIL PLAN
A-15a A-15a SCALE: 1:50 M



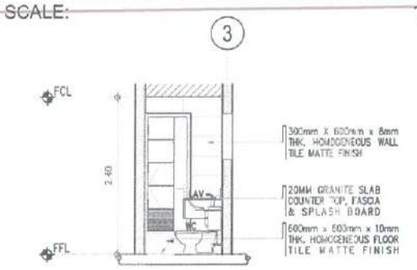
CSIS ADG II OFFICE
2 TOILET DETAIL SECTION 1
A-15a A-15a SCALE: 1:50 M



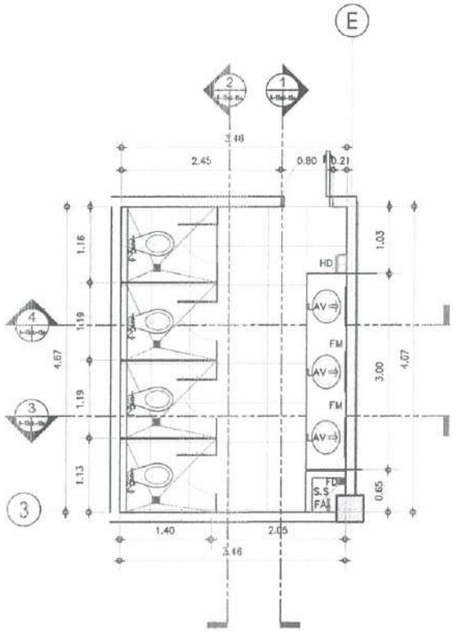
CSIS ADG II OFFICE
3 TOILET DETAIL SECTION 2
A-15a A-15a SCALE: 1:50 M



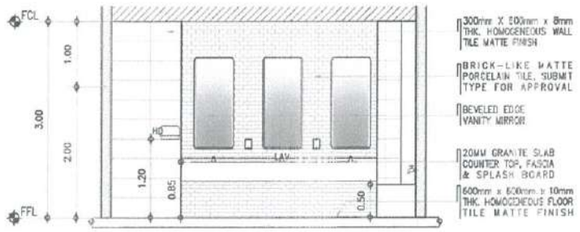
CSIS ADG II OFFICE
4 TOILET DETAIL SECTION 3
A-15a A-15a SCALE: 1:50 M



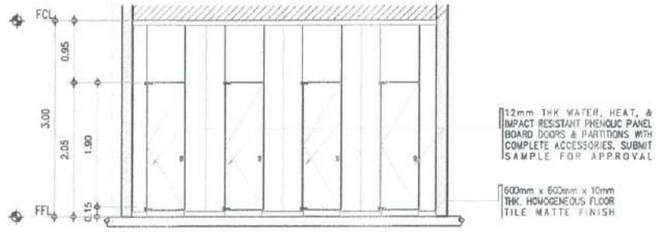
CSIS ADG II OFFICE
5 TOILET DETAIL SECTION 4
A-15a A-15a SCALE: 1:50 M



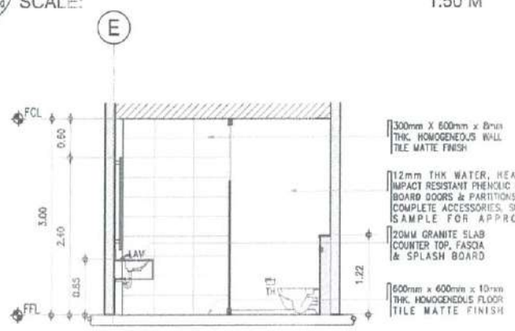
FEMALE CR @ GROUND FLOOR
6 TOILET DETAIL PLAN
A-15a A-15a SCALE: 1:50 M



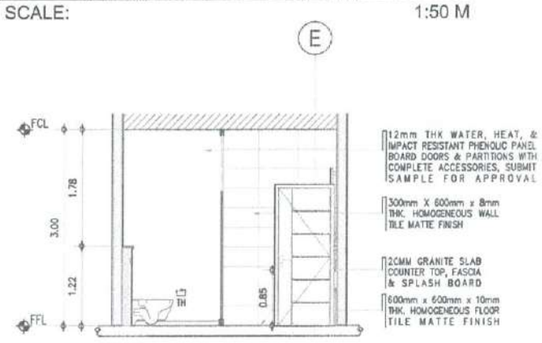
FEMALE CR @ GROUND FLOOR
7 TOILET DETAIL SECTION 1
A-15a A-15a SCALE: 1:50 M



FEMALE CR @ GROUND FLOOR
8 TOILET DETAIL SECTION 2
A-15a A-15a SCALE: 1:50 M



FEMALE CR @ GROUND FLOOR
9 TOILET DETAIL SECTION 3
A-15a A-15a SCALE: 1:50 M



FEMALE CR @ GROUND FLOOR
10 TOILET DETAIL SECTION 4
A-15a A-15a SCALE: 1:50 M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:
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Director General

NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:
- TOILET DETAILS

DRAWING SCALE:	SHEET NO:
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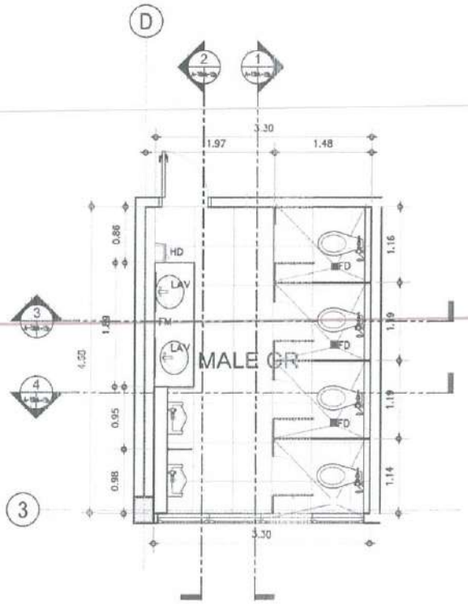
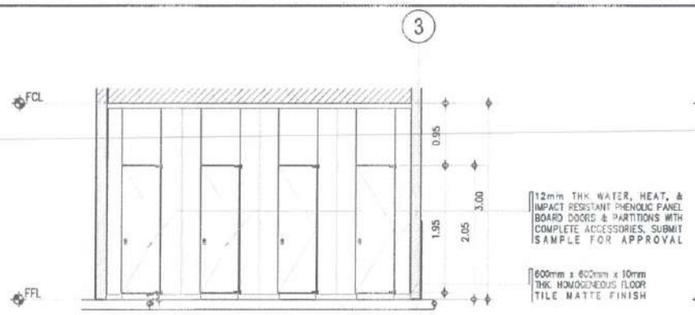
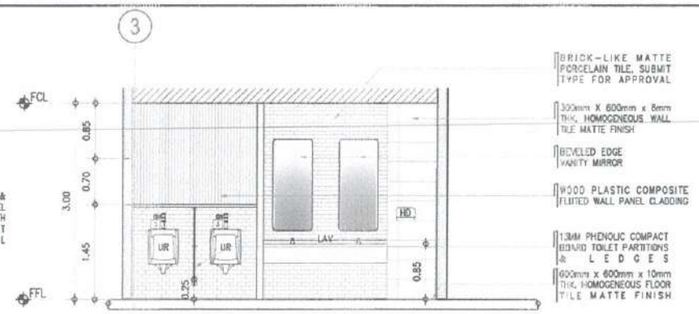


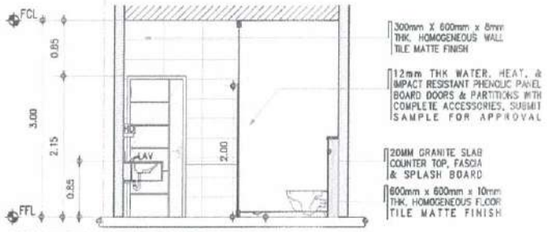
MALE CR @ GROUND FLOOR
1 TOILET DETAIL PLAN
A-15b/A-15b SCALE: 1:50 M



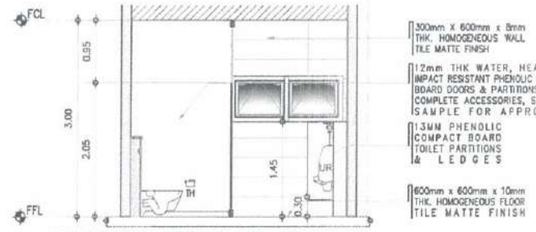
MALE CR @ GROUND FLOOR
2 TOILET DETAIL SECTION 1
A-15b/A-15b SCALE: 1:50 M



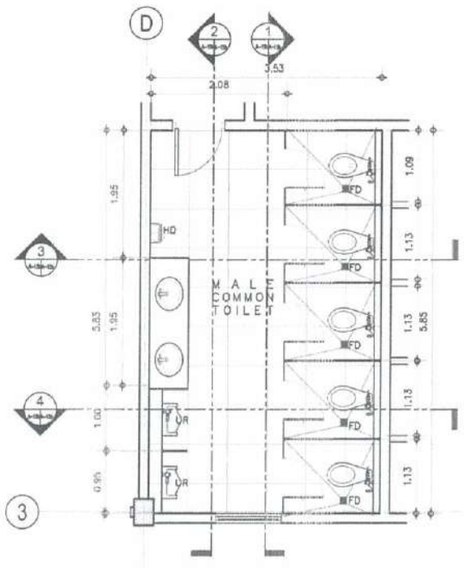
MALE CR @ GROUND FLOOR
3 TOILET DETAIL SECTION 2
A-15b/A-15b SCALE: 1:50 M



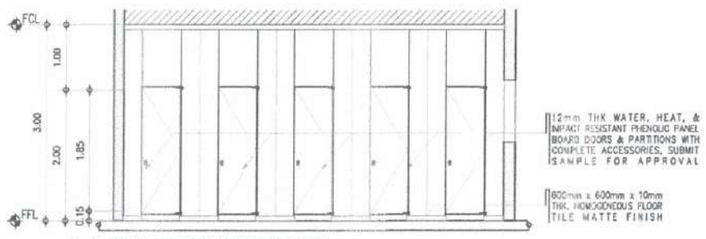
MALE CR @ GROUND FLOOR
4 TOILET DETAIL SECTION 3
A-15b/A-15b SCALE: 1:50 M



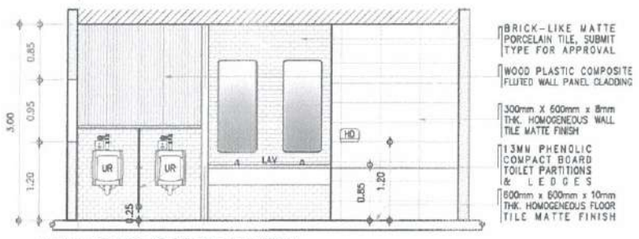
MALE CR @ GROUND FLOOR
5 TOILET DETAIL SECTION 4
A-15b/A-15b SCALE: 1:50 M



MALE CR @ SECOND FLOOR
6 TOILET DETAIL PLAN
A-15b/A-15b SCALE: 1:50 M



MALE CR @ SECOND FLOOR
7 TOILET DETAIL SECTION 1
A-15b/A-15b SCALE: 1:50 M



MALE CR @ SECOND FLOOR
8 TOILET DETAIL SECTION 2
A-15b/A-15b SCALE: 1:50 M

MALE CR @ SECOND FLOOR
9 TOILET DETAIL SECTION 3
A-15b/A-15b SCALE: 1:50 M

MALE CR @ SECOND FLOOR
10 TOILET DETAIL SECTION 4
A-15b/A-15b SCALE: 1:50 M

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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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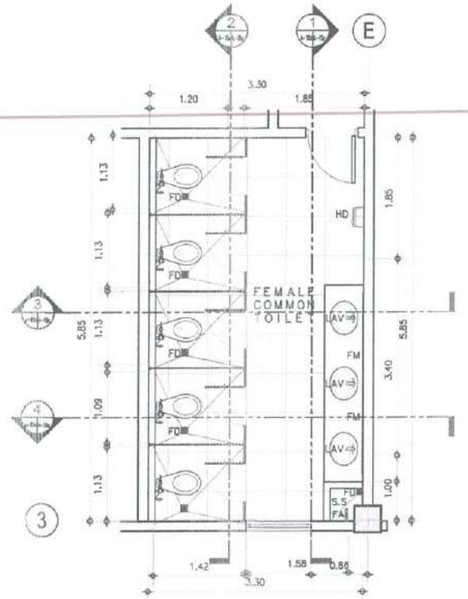
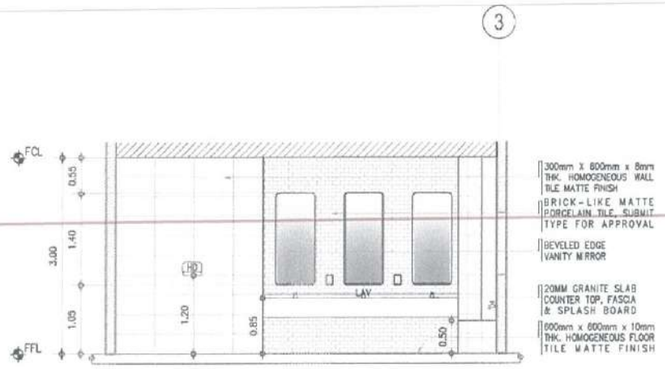
SHEET CONTENTS:
- TOILET DETAILS

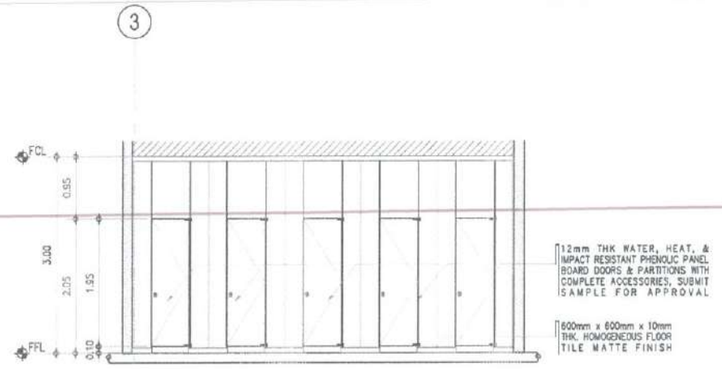
DRAWING SCALE:	SHEET NO:
1:50 M	A 15b 17



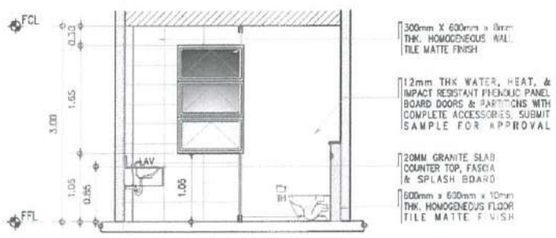
1 A-15c A-15c FEMALE CR @ SECOND FLOOR
TOILET DETAIL PLAN
SCALE: 1:50 M



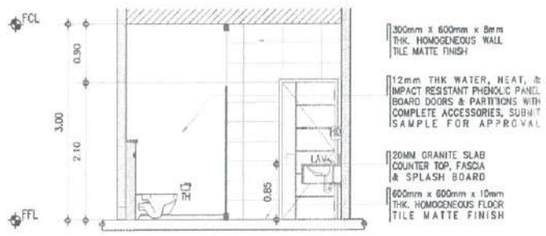
2 A-15c A-15c FEMALE CR @ GROUND FLOOR
TOILET DETAIL SECTION 1
SCALE: 1:50 M



3 A-15c A-15c FEMALE CR @ GROUND FLOOR
TOILET DETAIL SECTION 2
SCALE: 1:50 M



4 A-15c A-15c FEMALE CR @ GROUND FLOOR
TOILET DETAIL SECTION 3
SCALE: 1:50 M



5 A-15c A-15c FEMALE CR @ GROUND FLOOR
TOILET DETAIL SECTION 4
SCALE: 1:50 M

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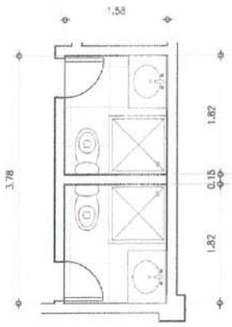
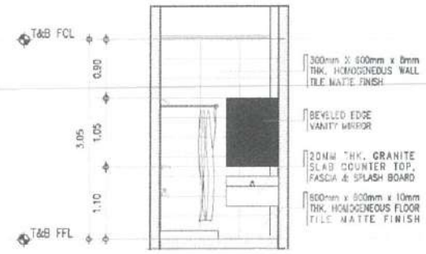
SHEET CONTENTS
• TOILET DETAILS

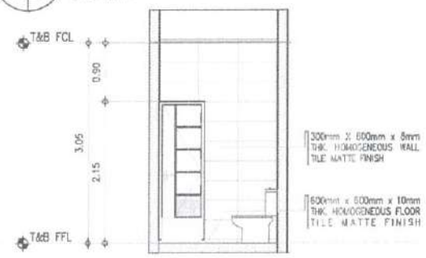
DRAWING SCALE	SHEET NO.
1 : 50 M	A 15c 17



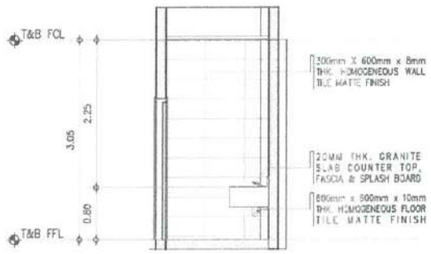
1 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL PLAN
SCALE: 1:50 M



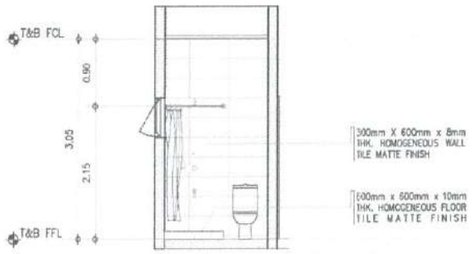
2 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 1
SCALE: 1:50 M



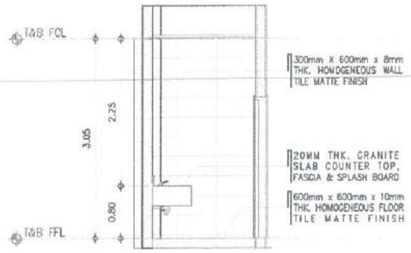
4 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 3
SCALE: 1:50 M



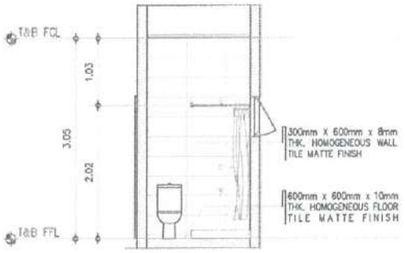
6 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 5
SCALE: 1:50 M



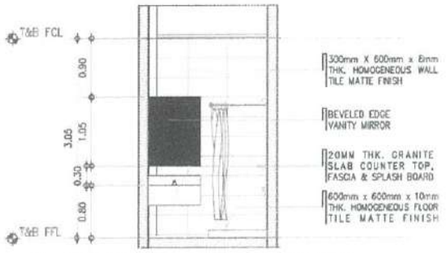
8 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 7
SCALE: 1:50 M



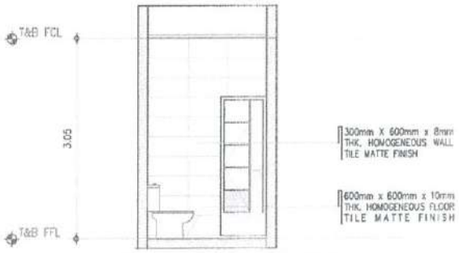
3 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 2
SCALE: 1:50 M



5 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 4
SCALE: 1:50 M



7 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 6
SCALE: 1:50 M



9 A-15d A-15d
FEMALE & MALE CR @ OPCEN OFFICE
TOILET DETAIL SECTION 8
SCALE: 1:50 M

CAA PHILIPPINES
BAGONG PILIPINAS

REPUBLIC OF THE PHILIPPINES
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
MIA 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:	DRPG/MPLR
CHECKED BY:	

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD-AED

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

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

APPROVED BY:
CAPTAIN MANUEL AMOR D.L. TAMAYO
DIRECTOR GENERAL

NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:
- TOILET DETAILS

DRAWING SCALE:	SHEET NO:	
1 : 50 M	A	
	15d	17

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

FFL

EXECUTIVE OFFICE CHAIR

	POLISHED ALUMINUM BASED HIGH BACK REST IN LEATHER UPHOLSTERY WITH CASTERS, TILT SWIVEL MECHANISM, SEAT HEIGHT ADJUSTMENT AND TILT LOCK FEATURE, WITH HEAD & ARM REST.
DIMENSIONS:	
HARDWARES:	
LOCATION:	CSIS CHIEF OFFICES, COA OFFICES, AAIIB CHIEF OFFICE
NO. OF SETS:	9 SETS

FFL

STAFF OFFICE CHAIR

	POLISHED ALUMINUM BASED MID-HIGH BACK REST IN LEATHER UPHOLSTERY WITH CASTERS, TILT SWIVEL MECHANISM, SEAT HEIGHT ADJUSTMENT AND TILT LOCK FEATURE, WITH HEAD & ARM REST.
DIMENSIONS:	
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	121 SETS

FFL

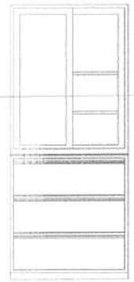
VISITOR OFFICE CHAIR

	STAINLESS STEEL FRAMED LOW BACK REST IN MESH FABRIC UPHOLSTERY WITH ARM REST.
DIMENSIONS:	
HARDWARES:	
LOCATION:	CSIS ID PROCESSING ROOM, ALL CHIEF OFFICES
NO. OF SETS:	11 SETS

FFL

3 LAYER STEEL DRAWER

	STEEL CASING 3-DRAWER CABINET
DIMENSIONS:	450MM (W) x 900MM (L) x 950MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	18 SETS



FFL

3 LAYER STEEL DRAWER WITH CABINET

	STEEL CASING 3-DRAWER CABINET WITH STEEL CASED GLASS CABINET
DIMENSIONS:	450MM (W) x 900MM (L) x 2100MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	61 SETS

FFL

9 LAYER SHELVES

	STEEL CASING SHELVES IN WOOD-GRAIN LIKE LAMINATE FINISH
DIMENSIONS:	400MM (W) x 2700MM (L) x 2900MM (H)
HARDWARES:	
LOCATION:	COA STORAGE
NO. OF SETS:	39 SETS

FFL

2-SEATER SOFA

	HARD WOOD FRAMED LOW BACK REST SOFA IN FABRIC UPHOLSTERY.
DIMENSIONS:	1300MM (W) x 650MM (L) x 750MM (H)
HARDWARES:	
LOCATION:	COA OFFICE, AAIIB CHIEF OFFICE, OPCEN OFFICE
NO. OF SETS:	4 SETS

FFL

3-SEATER SOFA

	HARD WOOD FRAMED LOW BACK REST SOFA IN FABRIC UPHOLSTERY.
DIMENSIONS:	1800MM (L) x 650MM (W) x 750MM (H)
HARDWARES:	
LOCATION:	LOBBY, CSIS OFFICES, COA OFFICE
NO. OF SETS:	8 SETS

FFL

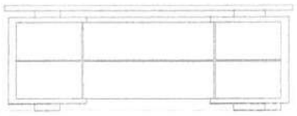
LARGE FORMAT DISPLAY TV

	55" LARGE FORMAT DISPLAY TELEVISION
DIMENSIONS:	55"
HARDWARES:	
LOCATION:	OPCEN OFFICE
NO. OF SETS:	8 SETS

FFL

MOTORIZED PROJECTOR SCREEN

	MOTORIZED PROJECTOR SCREEN; 1400MM x 1500MM
DIMENSIONS:	1400MM x 1500MM
HARDWARES:	
LOCATION:	CONFERENCE ROOMS
NO. OF SETS:	3 SETS



FFL

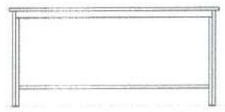
EXECUTIVE OFFICE DESK

	HARD WOOD FRAMED WITH MDF BOARD TOP & SIDE COVER IN WOODGRAIN-LIKE LAMINATE FINISH.
DIMENSIONS:	1800MM (L) x 600MM (W) x 750MM (H)
HARDWARES:	
LOCATION:	ALL CHIEF OFFICES (EXCEPT OPCEN CHIEF)
NO. OF SETS:	5 SETS

FFL

LOBBY DESK

	HARD WOOD FRAMED WITH 3/4" MDF BOARD TOP & SIDE COVER IN WOODGRAIN-LIKE LAMINATE (VERIFY ARCHITECT)
DIMENSIONS:	2000MM(L) x 750MM(W) x 880MM(L) x 600MM(W) x 750MM (H)
HARDWARES:	BUILT-IN LOCK
LOCATION:	LOBBY
NO. OF SETS:	1 SET



FFL

DINING TABLE

	HARD WOOD FRAMED MDF 25mm THK. BOARD TOP IN WOODGRAIN-LIKE LAMINATE FINISH.
DIMENSIONS:	1600MM (L) x 900MM (W) x 750MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	4 SETS

FFL

DINING CHAIR

	WOODEN HIGH BACK CHAIR WOODGRAIN-LIKE LAMINATE FINISH.
DIMENSIONS:	450MM (W) x 500MM (L) x 1200MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	24 SETS

FFL

CONFERENCE TABLE

	HARD WOOD FRAMED MDF BOARD TOP IN WOODGRAIN-LIKE LAMINATE FINISH.
DIMENSIONS:	1200MM (W) x 2100MM (L) x 750MM (H)
HARDWARES:	
LOCATION:	CONFERENCE ROOMS
NO. OF SETS:	4 SETS

1 A-16 A-16

SCHEDULE OF FURNITURES

SCALE: NTS

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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REVIEWED BY:

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Division Chief II, IDDD-AED

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, ATD-ADMS

RECOMMEND APPROVAL:

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

APPROVED BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

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NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

• SCHEDULE OF FURNITURES

DRAWING SCALE:	SHEET NO:
NTS	A 16 17

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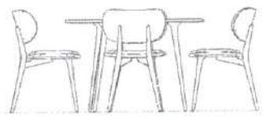


FFL

4 SEATER ROUND TABLE

	HARD WOOD FRAMED MDF BOARD TOP IN WOODGRAIN-LIKE LAMINATE FINISH. WOODEN HIGH BACK CHAIR WOODGRAIN-LIKE LAMINATE FINISH.
DIMENSIONS:	3800MM²
HARDWARES:	
LOCATION:	CSIS ADG II OFFICE
NO. OF SETS:	1 SET

FFL

SINGLE BUNK BED

	HARD WOOD FRAMED MDF BOARD TOP IN WOODGRAIN-LIKE LAMINATE FINISH WITH TWO SINGLE BED SIZED MATTRESS.
DIMENSIONS:	2100MM (L) x 910MM (W) x 1500MM (H)
HARDWARES:	
LOCATION:	OPCEN MALE & FEMALE QUARTERS
NO. OF SETS:	2 SETS

FFL

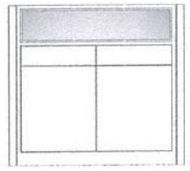
SINGLE BED

	HARD WOOD FRAMED MDF BOARD TOP IN WOODGRAIN-LIKE LAMINATE FINISH WITH SINGLE BED SIZED MATTRESS.
DIMENSIONS:	2100MM (L) x 910MM (W) x 550MM (H)
HARDWARES:	
LOCATION:	OPCEN CHIEF OFFICE
NO. OF SETS:	1 SET

FFL

4 SEATER SQUARE TABLE

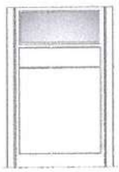
	HARD WOOD FRAMED MDF BOARD TOP IN WOODGRAIN-LIKE LAMINATE FINISH.
DIMENSIONS:	800MM (L) x 800MM (W) x 750MM (H)
HARDWARES:	
LOCATION:	INTERROGATION ROOM
NO. OF SETS:	1 SET



FFL

OFFICE MODULAR PARTITION/WORKSTATION

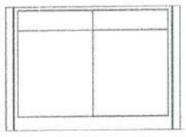
	ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING AND GLASS PANEL WITH FROSTED FILM; CONVENIENCE OUTLET HOLE & COMMUNICATION DATA OUTLET HOLE READY
DIMENSIONS:	1300MM(L) x 1200MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	46 SETS



FFL

OFFICE MODULAR PARTITION/WORKSTATION

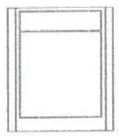
	ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING AND GLASS PANEL WITH FROSTED FILM; CONVENIENCE OUTLET HOLE & COMMUNICATION DATA OUTLET HOLE READY
DIMENSIONS:	800MM(L) x 1200MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	92 SETS



FFL

OFFICE MODULAR PARTITION/WORKSTATION

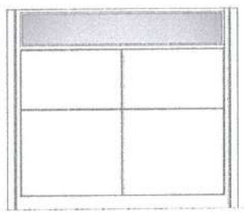
	ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING; CONVENIENCE OUTLET HOLE & COMMUNICATION DATA OUTLET HOLE READY
DIMENSIONS:	1300MM(L) x 900MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	4 SETS



FFL

OFFICE MODULAR PARTITION/WORKSTATION

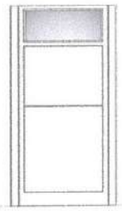
	ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING; CONVENIENCE OUTLET HOLE & COMMUNICATION DATA OUTLET HOLE READY
DIMENSIONS:	800MM(L) x 900MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	5 SETS



FFL

OFFICE MODULAR PARTITION/WORKSTATION

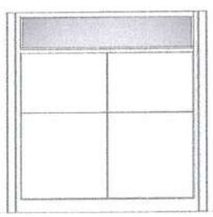
	ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING AND GLASS PANEL WITH FROSTED FILM; CONVENIENCE OUTLET HOLE & COMMUNICATION DATA OUTLET HOLE READY
DIMENSIONS:	1800MM(L) x 1500MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	10 SETS



FFL

OFFICE MODULAR PARTITION/WORKSTATION

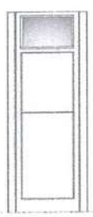
	ALUMINUM FRAME WITH 2-TONE FABRIC PANEL COVERING AND GLASS PANEL WITH FROSTED FILM; CONVENIENCE OUTLET HOLE & COMMUNICATION DATA OUTLET HOLE READY
DIMENSIONS:	800MM(L) x 1300MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	4 SETS



FFL

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:	1500MM(L) x 1500MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	21 SETS



FFL

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:	600MM(L) x 1500MM (H)
HARDWARES:	
LOCATION:	SEE PLAN
NO. OF SETS:	10 SETS

1 A-17 A-17

SCHEDULE OF FURNITURES

SCALE: NTS

REPUBLIC OF THE PHILIPPINES

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Division Chief III, IDDD-AED

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Department Manager III, AED-ADMS

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NOTES/REVISIONS:

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LOCATION:

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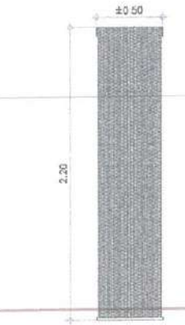
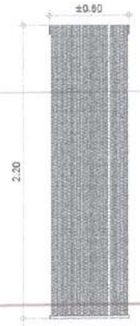
SHEET CONTENTS:

- SCHEDULE OF FURNITURES

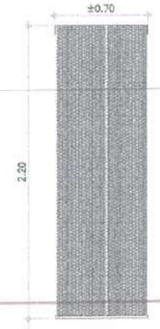
DRAWING SCALE:	SHEET NO:
NTS	A 17 17



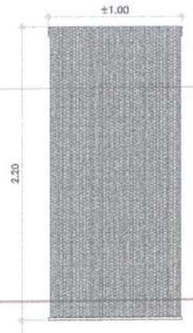
DIMENSIONS:	±500MM x 2200MM
LOCATION:	COA CHIEF OFFICE
NO. OF SETS:	1 SET
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.



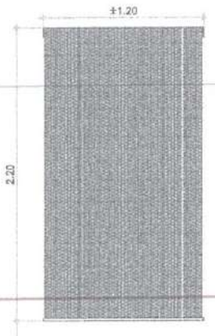
DIMENSIONS:	±600MM x 2200MM
LOCATION:	AAIIB CONFERENCE ROOM
NO. OF SETS:	1 SET
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.



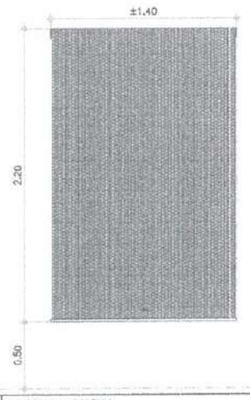
DIMENSIONS:	±700MM x 2200MM
LOCATION:	OPCEN OFFICE
NO. OF SETS:	1 SET
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.



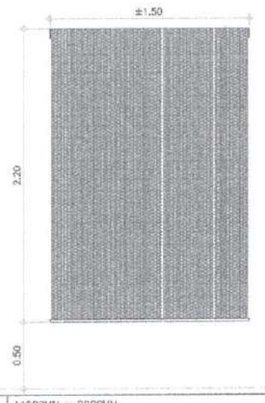
DIMENSIONS:	±1000MM x 2200MM
LOCATION:	COA CHIEF, AAIIB CHIEF
NO. OF SETS:	4 SETS
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.



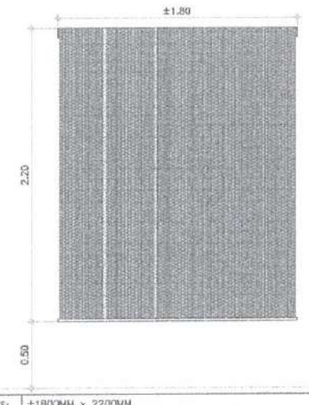
DIMENSIONS:	±1200MM x 2200MM
LOCATION:	CSIS CONFERENCE ROOM, CSIS ADMIN OFFICE
NO. OF SETS:	5 SETS
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.



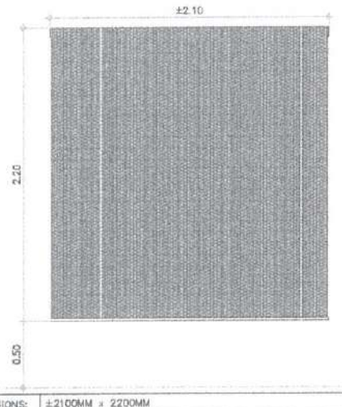
DIMENSIONS:	±1400MM x 2200MM
LOCATION:	AAIIB OFFICE, OPCEN OFFICE
NO. OF SETS:	2 SETS
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.



DIMENSIONS:	±1500MM x 2200MM
LOCATION:	IQCS, IID CHIEF, SD CHIEF & CSIS ADMIN OFFICE
NO. OF SETS:	8 SETS
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.

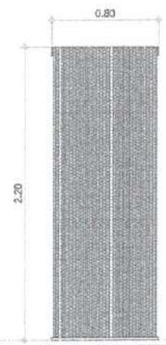


DIMENSIONS:	±1800MM x 2200MM
LOCATION:	COA CONFERENCE ROOM, SERVER ROOM
NO. OF SETS:	3 SETS
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.



DIMENSIONS:	±2100MM x 2200MM
LOCATION:	COA OFFICE, COA & AAIIB CONF. ROOM, AAIIB OFFICE, OPCEN
NO. OF SETS:	17 SETS
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.

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



DIMENSIONS:	±800MM x 2200MM
LOCATION:	ALL CHIEF OFFICES, CSIS CONFERENCE ROOM DOORS
NO. OF SETS:	9 SETS
MATERIAL:	DUAL LAYER ROLL-UP FABRIC BLINDS (BLACKOUT & MESH) SUBMIT SAMPLE FOR ARCHITECT'S APPROVAL.

1 SCHEDULE OF ROLL-UP FABRIC BLINDS

A-17a A-17b SCALE: 1:25 M

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	CRPGAMPLR
CHECKED BY:	

REVIEWED BY:

RAOUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

- SCHEDULE OF ROLL-UP FABRIC BLINDS

DRAWING SCALE:	SHEET NO:	
1 : 25 M	A	
	17a	17

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 EMBEDED 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
SLAB ON GRADE WALL FOOTING SUSPENDED SLAB COUNTER TOP	3500 PSI	1 In. (25 mm)	4 In. (100 mm)
FOUNDATION & COLUMN, BEAM	3500 PSI	3/4 In. (19 mm)	4 In. (100 mm)
ALL OTHERS	3500 PSI	3/4 In. (19 mm)	5 In. (125 mm)

3. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 40 FOR ø12 & SMALLER REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 FOR ø16 & BIGGER
4. IN GENERAL, THE LATEST EDITION OF ACI-315, 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 PTHERWISE 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-ø16 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)	ø12 @ 400 mm	ø10 @ 600 mm
6 IN (150 mm)	ø10 @ 600 mm	ø10 @ 600 mm
4 IN. (100 mm)	ø10 @ 600 mm	ø10 @ 600 mm

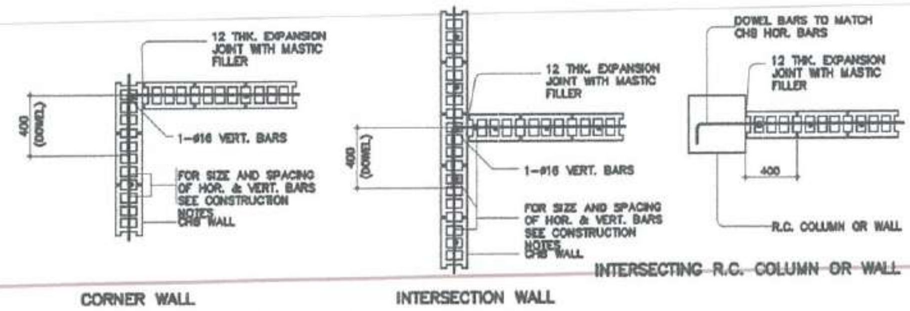
5. REINFORCING BARS SHALL BE LAPPED A MINIMUM OF 40 BARS DIAMETERS WHERE SPLICED DOWELS FROM CONCRETE FOOTINGS OR SLABS EXTEND INTO THE BLOCK WALL A MINIMUM OF 40 BAR DIAMETERS, AND DOWELS TO MATCH VERTICAL REINFORCEMENTS OF WALL.
6. ALL CELLS CONTAINING REINFORCING BARS OR INSERTS SHALL BE SOLIDLY FILLED WITH CONCRETE GROUT, (REFER TO SPECIFICATIONS).

E: STEEL NOTES:

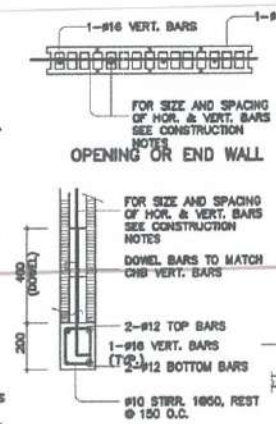
1. ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISC FOR ASTM A36 STEEL
2. ALL COLD FORMED STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISI FOR JIS G3141 SPCC
3. ALL WELDS SHALL CONFORM WITH AWS STD.
4. CONNECTORS
   BOLTS ASTM A307 OR ASTM A325 AS SPECIFIED
   WELDS E60XX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

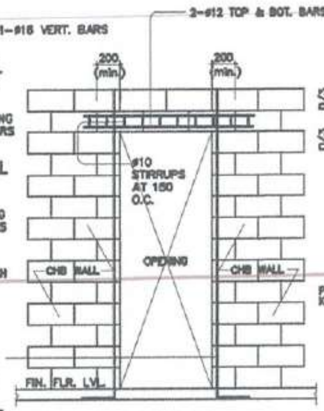
F: FOUNDATION

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.

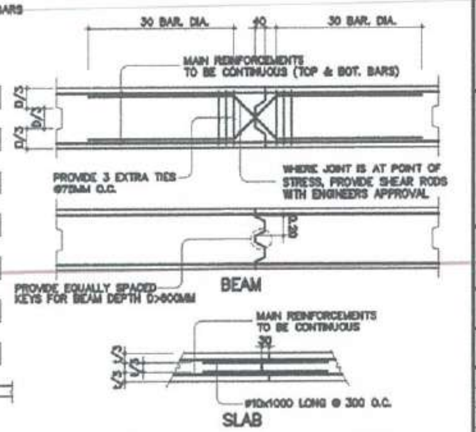


TYPICAL CONNECTION DETAIL OF MASONRY WALL

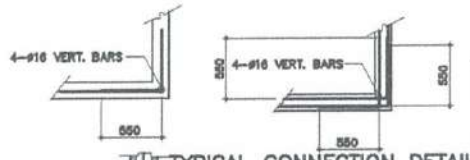




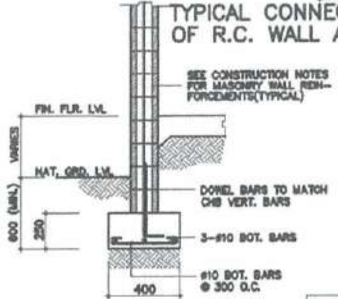
TYPICAL DETAIL OF LINTEL BEAM AT CHB WALL OPENING

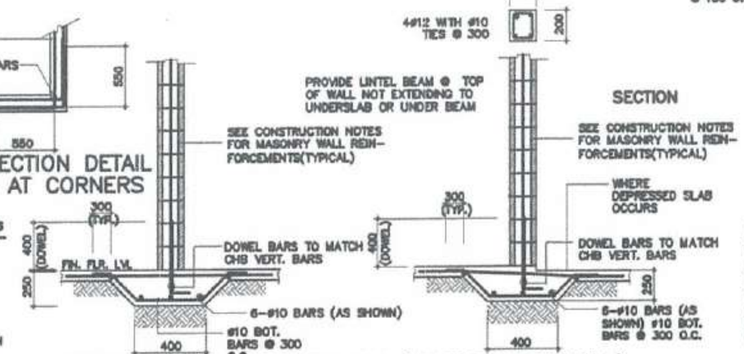


TYPICAL SLAB AND BEAM CONSTRUCTION JOINT DETAIL

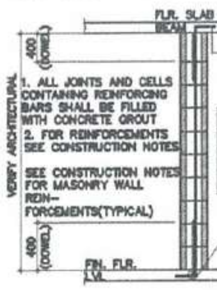


TYPICAL CONNECTION DETAIL OF R.C. WALL AT CORNERS





TYPICAL CHB FOOTING DETAILS (WHERE APPLICABLE)

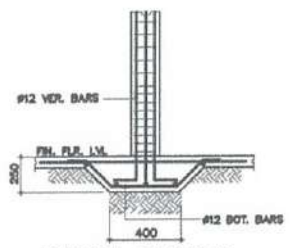


TYPICAL SECTION OF MASONRY PARTITION REINFORCEMENTS

REINFORCING BAR FOR SLEEVES				
OPENING DIAMETER	REINFORCING BARS DIAGONAL	REINFORCING BARS VERTICAL	HORIZONTAL	STIRRUP
ø ≤ 100	2 - ø12	2 - ø12		
100 < ø ≤ 150	2 - ø12	2 - ø12	2 - ø12	ø12 - @50
150 < ø ≤ 200	2 - ø16	2 - ø16	2 - ø16	ø12 - @50
200 < ø ≤ 300	2 - ø20	2 - ø16	2 - ø16	ø12 - @50

REINFORCING BAR FOR SLAB OPENING	
OPENING SIZE	VERTICAL & HORIZONTAL
UNDER 600	2-ø12
UNDER 800	4-ø12

NOTE:
PROVIDE THESE ADDITIONAL BARS FOR ALL OPENINGS PLUS BARS (NOT SHOWN) PARALLEL TO SIDE OF OPENING EQUAL TO THE NUMBER OF TERMINATED BARS AT OPENING
SEE ARCHITECTURAL & MECHANICAL PLANS FOR SLAB OPENING LOCATION



TYPICAL PLANTED COLUMN

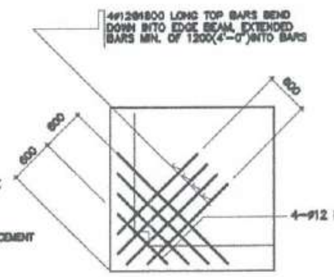
PARAMETERS			
MATERIAL	psi	MPa	ACI 318-95 DEVT. & SPLICE LENGTH
f'c	3,500	27.5	
fy	60,000	414	ø16 & HIGHER
fyh	40,000	276	ø12 & LOWER

TIE ø	10	STIRRUP ø	10
fyt	40,000	fyt	40,000

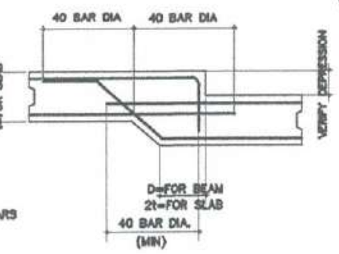
BAR ø (mm)	ANCHORAGE LENGTH(mm)	Ldh (mm)	STANDARD HOOK (mm) 90°	180°	135°-90°	BEAM COMP. SPLICE (mm)	TENSION LAP SPLICE (mm) LAP CLASS	BEAM TOP BAR	BEAM BOTTOM BAR	COLUMN TIED	COLUMN SPIRAL	UNIT WT. (kg/m)
10	600	150	180	110	120~120	300	[illegible]	[illegible]	[illegible]	300	300	0.616
12	600	150	200	120	130~130	300	[illegible]	[illegible]	[illegible]	310	310	0.888
16	780	310	280	130	160~160	470	[illegible]	[illegible]	[illegible]	610	610	1.578
20	970	390	320	160	200~320	580	[illegible]	[illegible]	[illegible]	780	780	2.466
25	1,210	480	400	200	250~400	730	[illegible]	[illegible]	[illegible]	1190	1190	3.853
28	1,370	540	480	280		820	[illegible]	[illegible]	[illegible]	1330	1330	4.834

NOTES:
1. DEVELOPMENT LENGTH OF INDIVIDUAL BARS WITHIN A BUNDLE, IN TENSION OR IN COMPRESSION, SHALL BE THAT FOR INDIVIDUAL BARS, INCREASED 20% FOR THREE-BUNDLED AND 33% FOR FOUR-BUNDLED BARS
2. FOR COLUMNS AT ANY LEVEL, NO MORE THAN ALTERNATE BARS SHOULD BE SPLICED, NOT MORE THAN 33% OF THE BARS SHALL BE SPLICED WITHIN THE REQUIRED LAP LENGTH. MINIMUM DISTANCE BETWEEN TWO ADJACENT SPLICED SHALL BE 600 mm.
3. TOP BARS ARE HORIZONTAL BARS WITH MORE THAN 300mm. DEPTH OF CONCRETE CAST BELOW REINFORCEMENT
4. LAP SPLICE SHALL BE "CLASS B" TENSION LAP SPLICE, IF MORE THAN ONE HALF OF THE BARS WERE SPLICED AT ANY SECTION, WHILE "CLASS A" TENSION LAP SPLICE IF HALF OR FEWER THAN HALF OF BARS WERE SPLICED.
5. TOP BARS SPLICE FOR BEAMS SHOULD BE "BEAM COMPRESSIVE SPLICE x 1.3".
6. AT LAP SPLICES, SPACING OF TIES SHALL BE LESS THAN OR EQUAL TO 100MM.
7. SPLICING OF ALL BARS AT THE SAME LOCATION IS NOT ALLOWED.

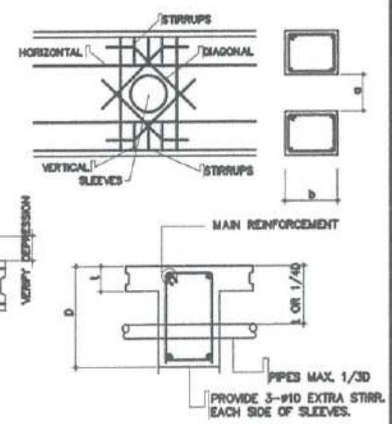
NOTES:
1. YIELD STRESS OF HOOPS-40 KSI
2. D = USE MAXIMUM COLUMN DIMENSION, 1/6 CLEAR HEIGHT OR 18" (450mm) WHICHEVER IS GREATER.
3. NUMBER OF HOOP TIES SAME AS PER COLUMN TIES SCHEDULE.
4. ALL CONCRETE REINFORCEMENT DETAIL SHOULD BE DONE INACCORDANCE WITH



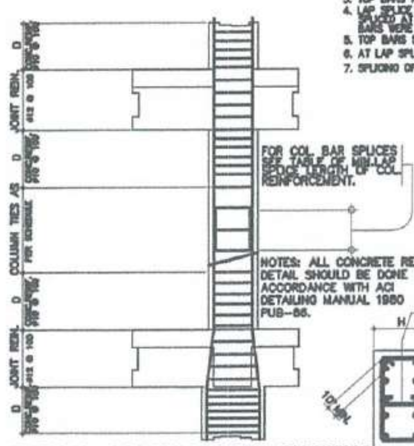
TYPICAL CORNER SLAB DETAIL



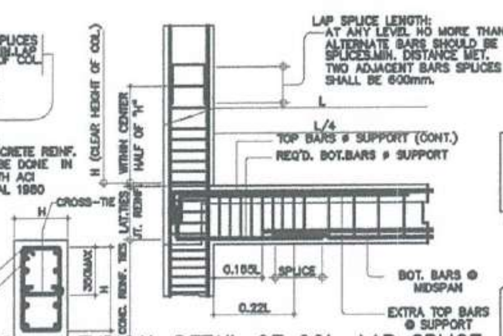
TYPICAL DETAIL FOR BEAM OR SLAB CHANGE SOFFIT



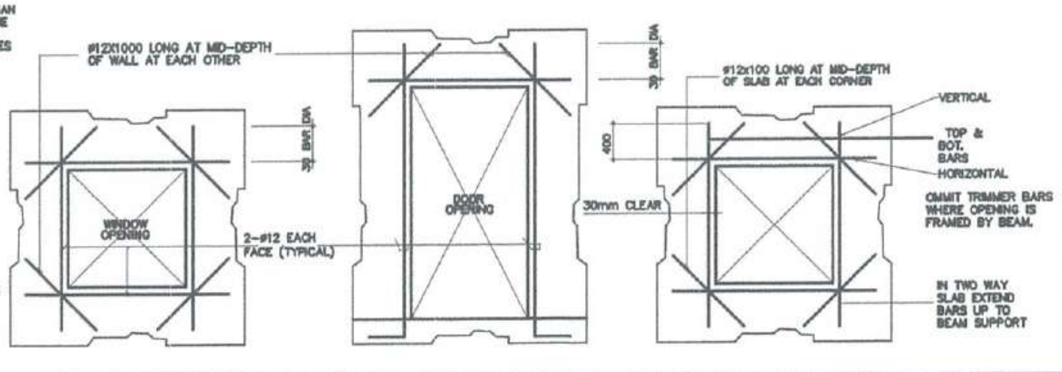
TYPICAL DETAIL FOR SLEEVES THRU CONCRETE BEAM



TYPICAL COLUMN ELEV. SHOWING DOWELS AND TIES SPACING



TYPICAL DETAIL OF COL. LAP SPLICE & EXT. GIRDER TO COL. CONNECTION



BAGONG PILIPINAS

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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	DRPG	
CHECKED BY		

REVIEWED BY:
RAUL R. CRUCENA
Division Chief II, IDDD-AED

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 BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

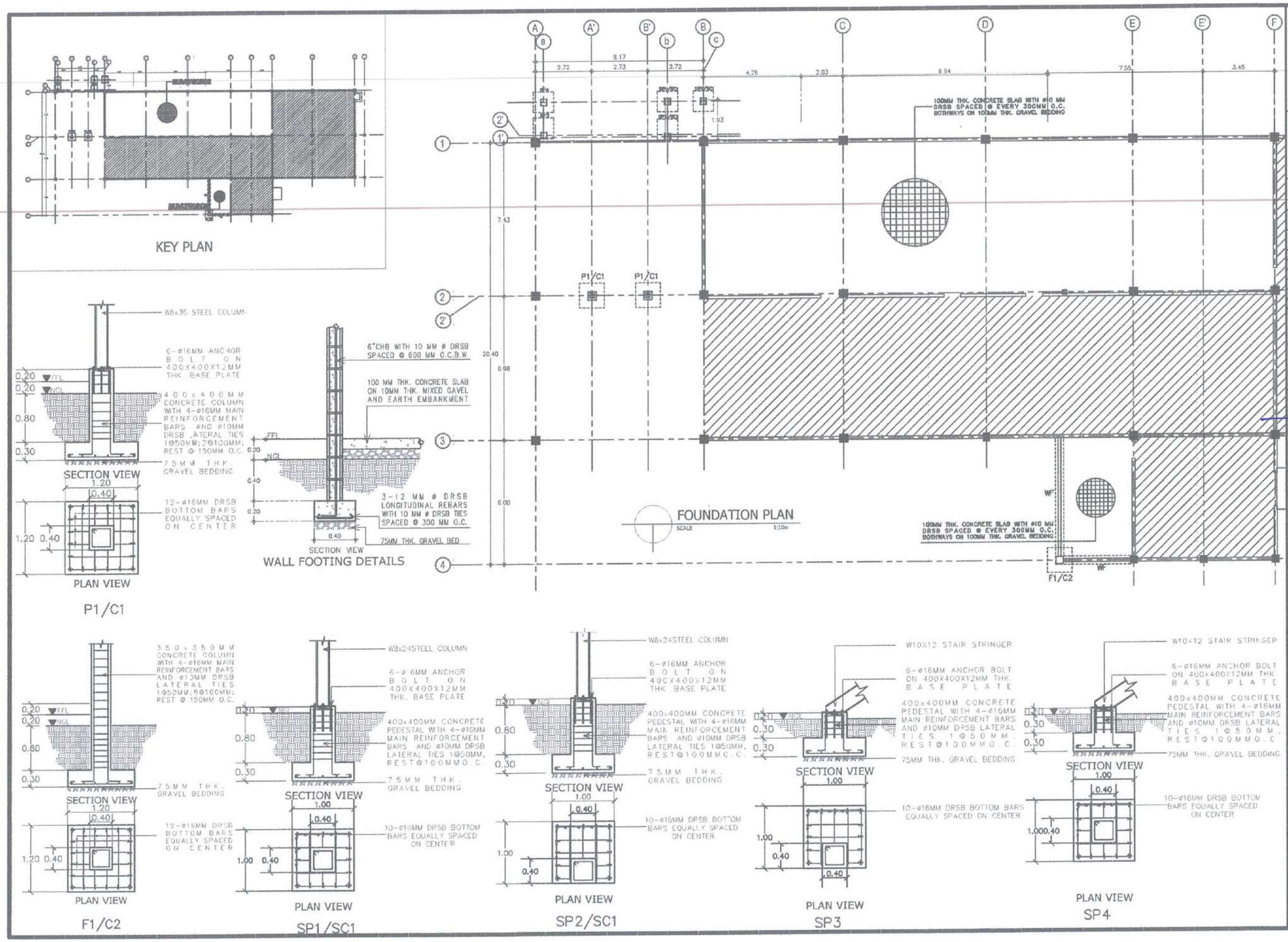
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS
CONSTRUCTION NOTES

DRAWING SCALE	SHEET NO
AS SHOWN	S-01



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	KAG
CHECKED BY:	

REVIEWED BY:
RALIN R. CRUCENA
Division Chief, IDDD-AED

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

RECOMMEND APPROVAL:
LT. COL. VALENTINO A DIONELA PAF (RET)
Assistant Director General II, ADMS

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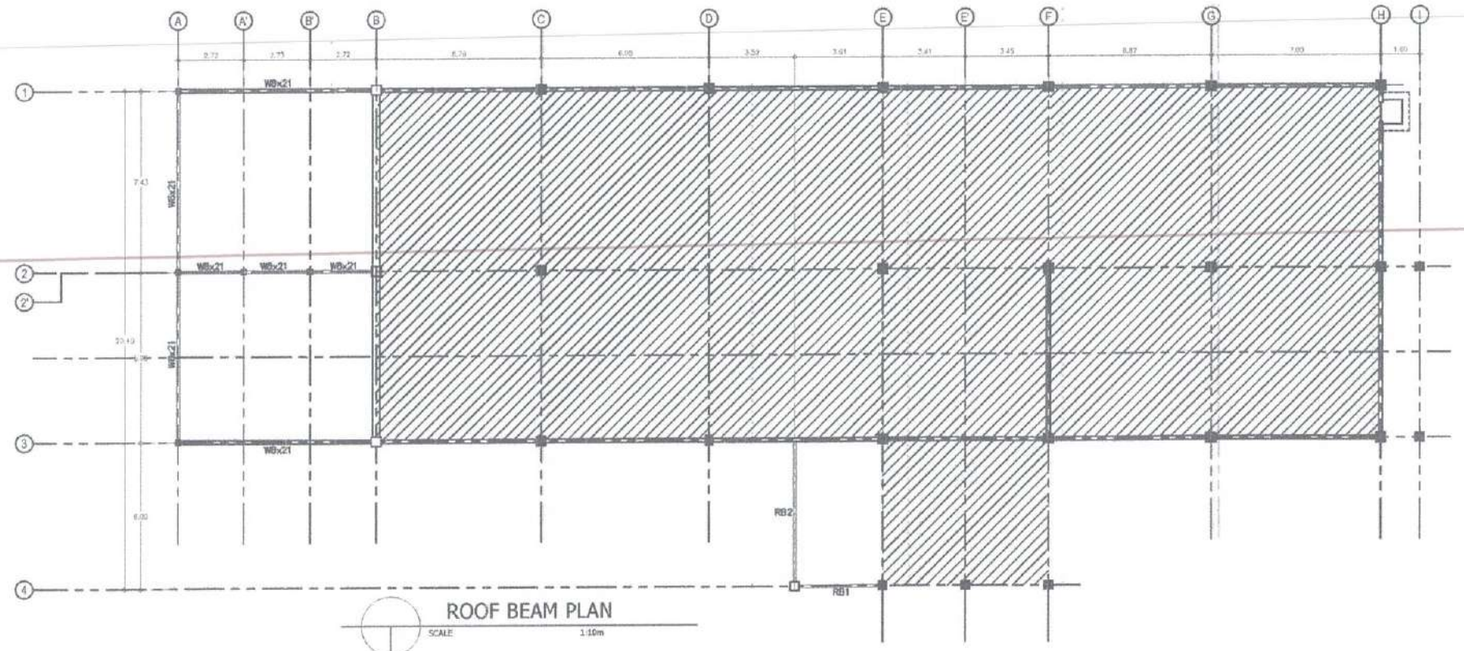
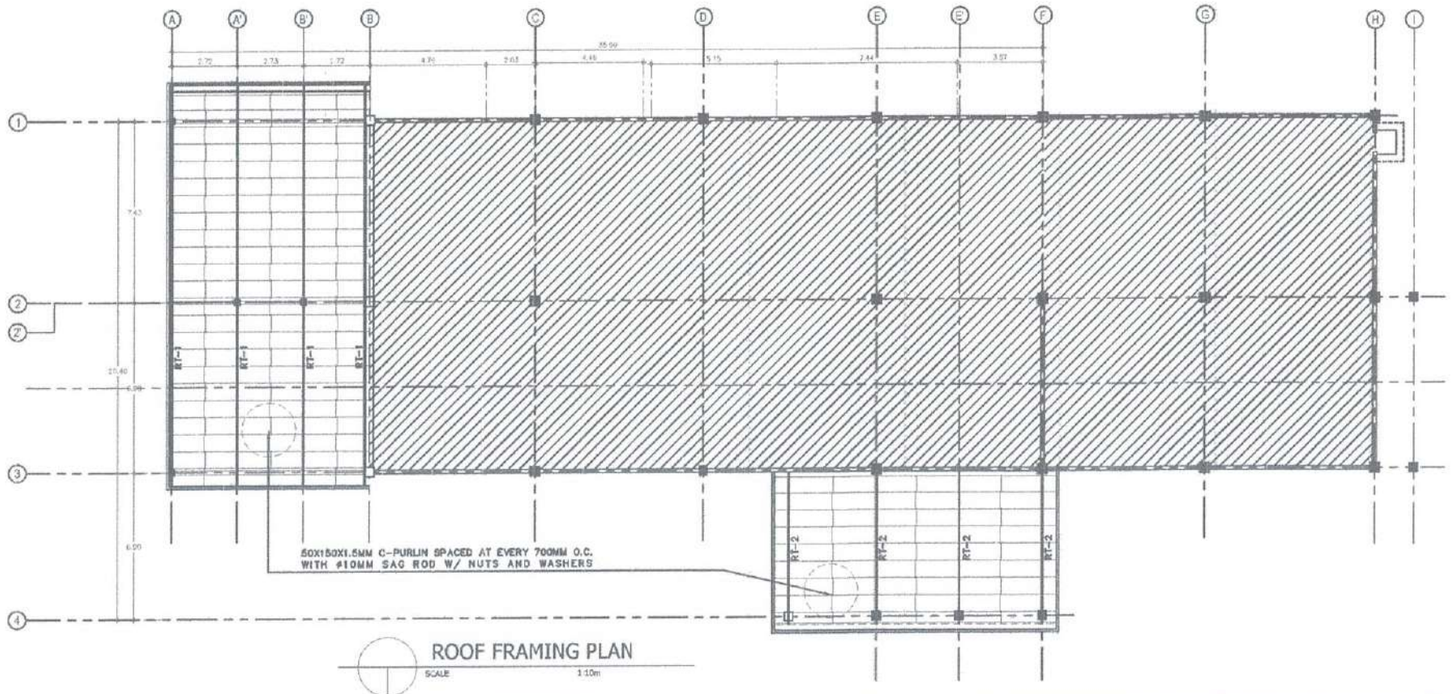
SHEET CONTENTS:
FOUNDATION PLAN

DRAWING SCALE:	SHEET NO:	
AS SHOWN	S-2	
	02	09



ROOF BEAM PLAN

SCALE 1:10m



ROOF FRAMING PLAN

SCALE 1:10m

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	KAG
CHECKED BY:	

REVIEWED BY:

RAUL R. CRUCENA
Division Chief II, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO C. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO.	
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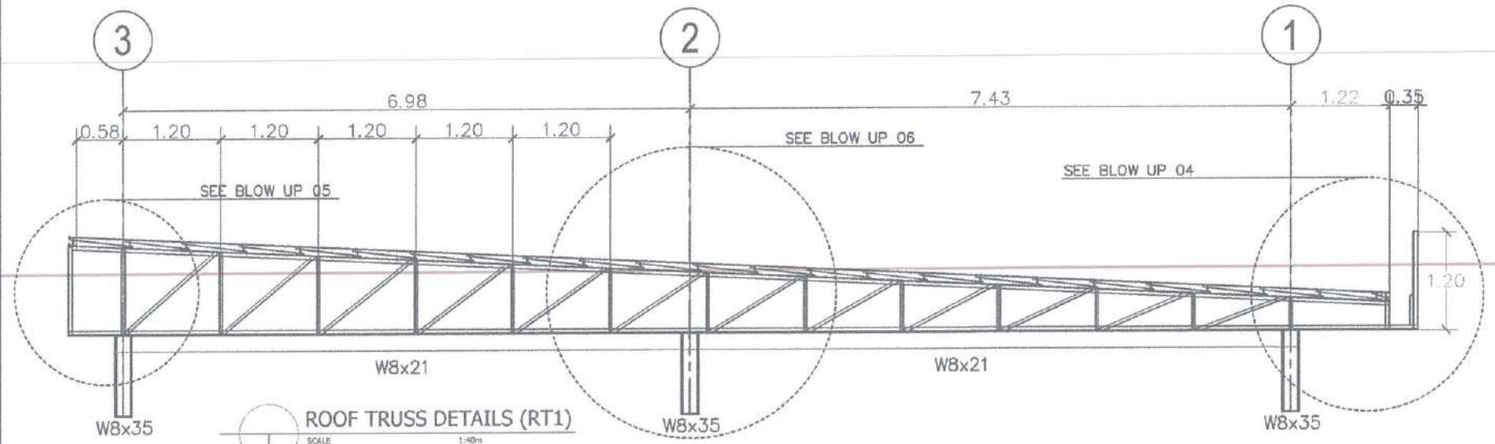
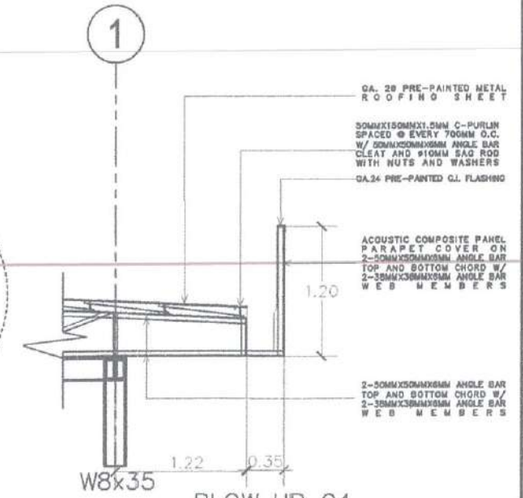
	03	06



ROOF TRUSS DETAILS (RT1)
SCALE 1:40m



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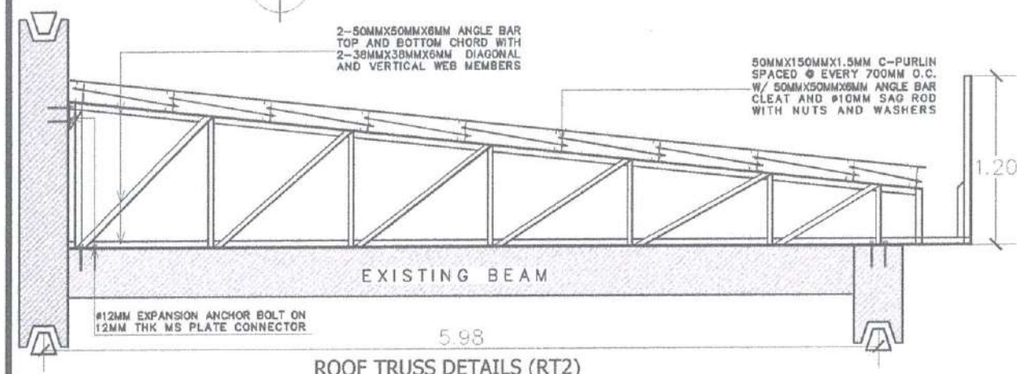

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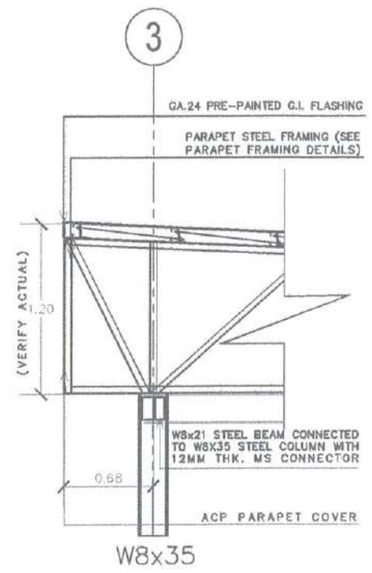

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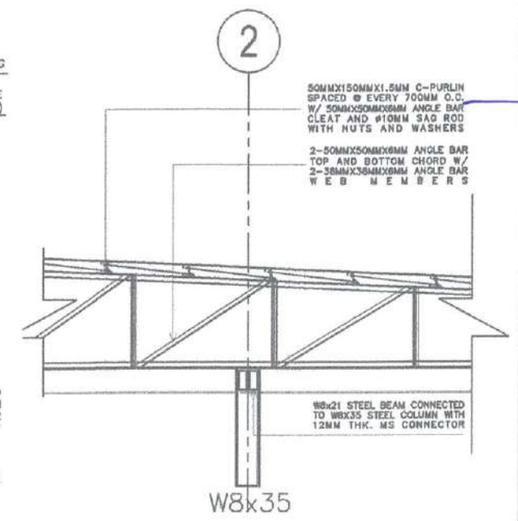

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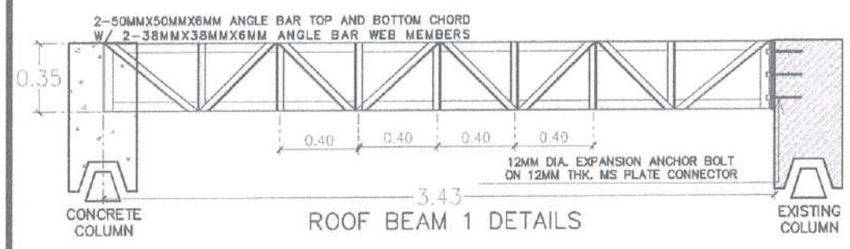
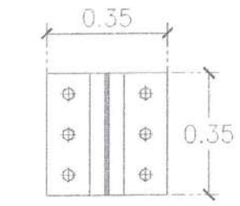
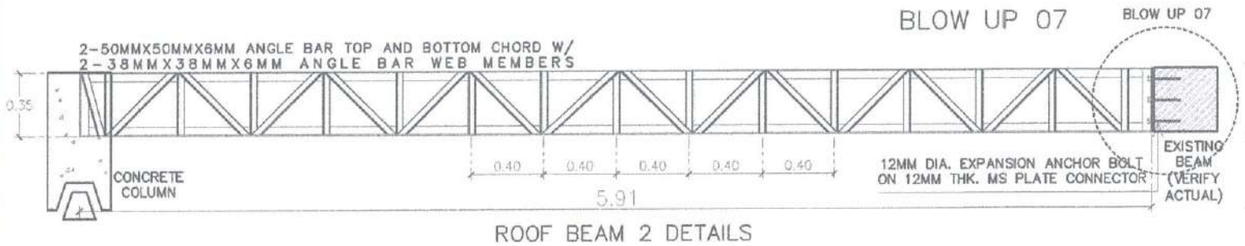


ROOF BEAM 1 DETAILS

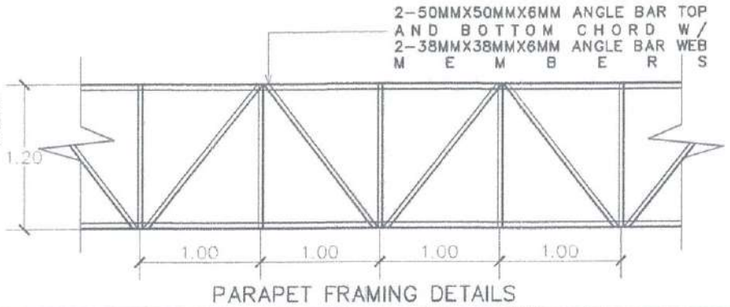


12MM DIA. EXPANSION ANCHOR BOLT ON 12MM THK. MS PLATE CONNECTOR

BLOW UP 07



ROOF BEAM 2 DETAILS



PARAPET FRAMING DETAILS

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	KAG	
CHECKED BY:		

REVIEWED BY:
RAUL R. TRUCENA
Division Chief II, IDDD-AED

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 BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:
TRUSS DETAILS

DRAWING SCALE:	SHEET NO:	
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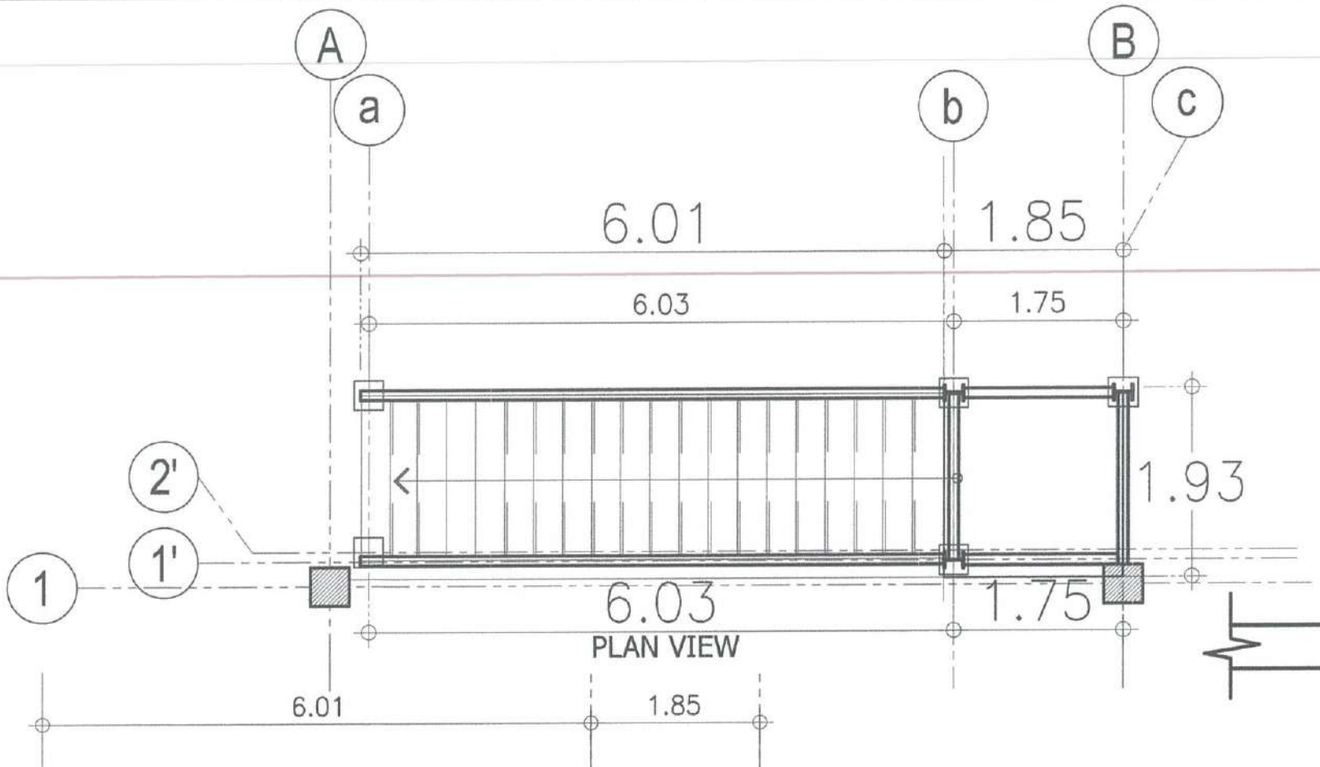
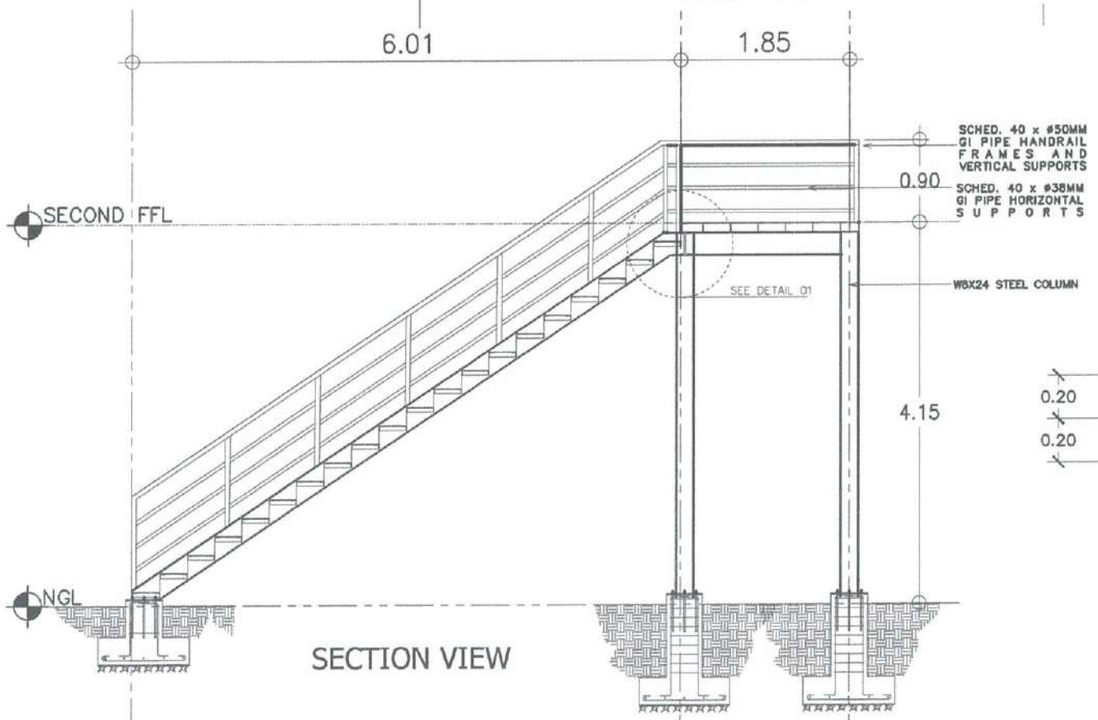
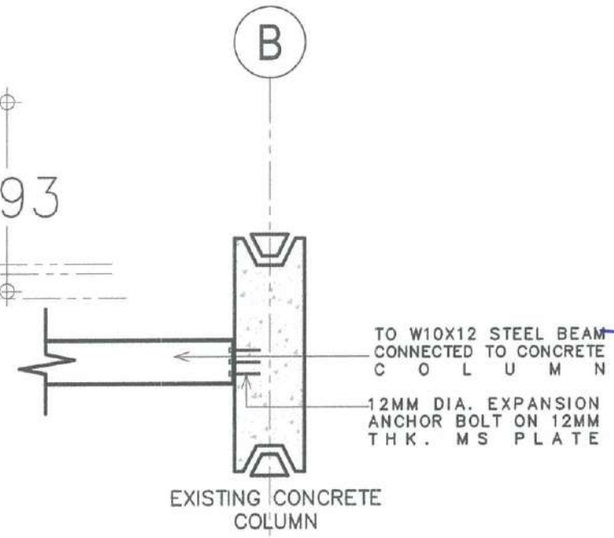


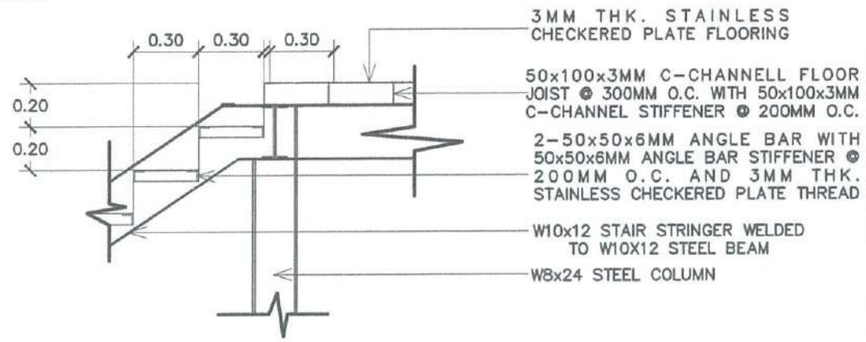
PLAN VIEW



SECTION VIEW



STEEL BEAM CONNECTION DETAIL



DETAIL 01

REPUBLIC OF THE PHILIPPINES

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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	INITIALS/DATE
DESIGNED BY	DDD
DRAWN BY	KAS
CHECKED BY	

REVIEWED BY:
RAUL R. CEUCENA
Division Chief III, DDD-AED

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 BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS

PROJECT
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS
STAIR DETAILS

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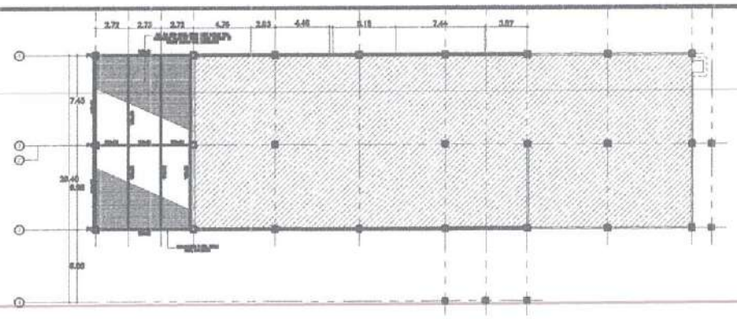
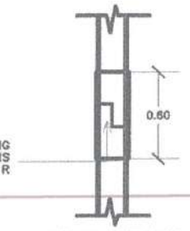
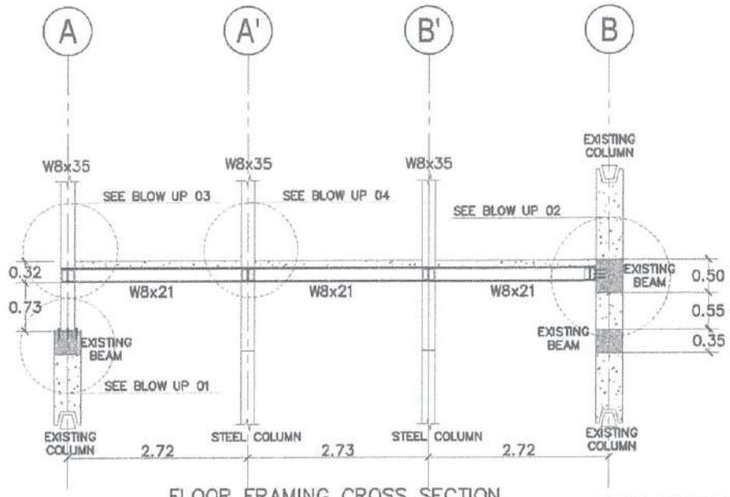
AS SHOWN	S-05
	06 / 08



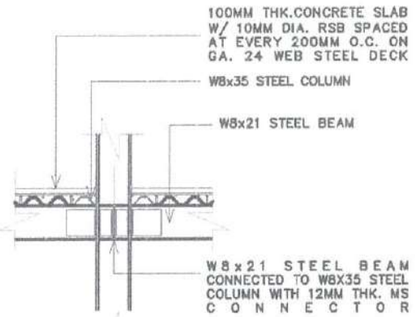
KEY PLAN



STEEL COLUMN SPLICING DETAILS



FLOOR FRAMING CROSS SECTION



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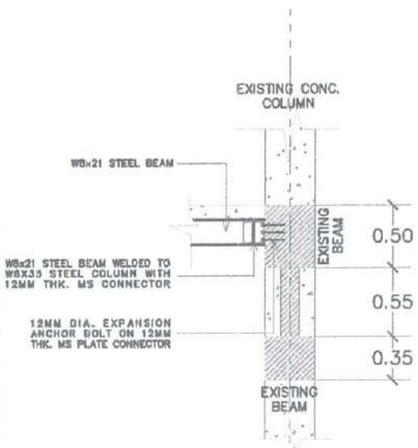

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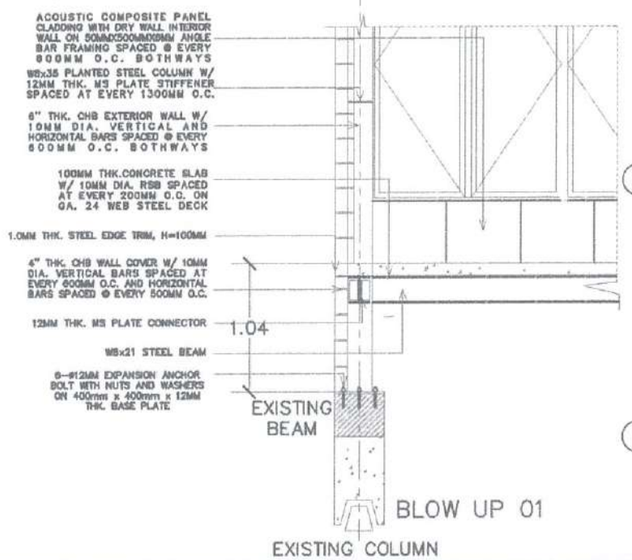

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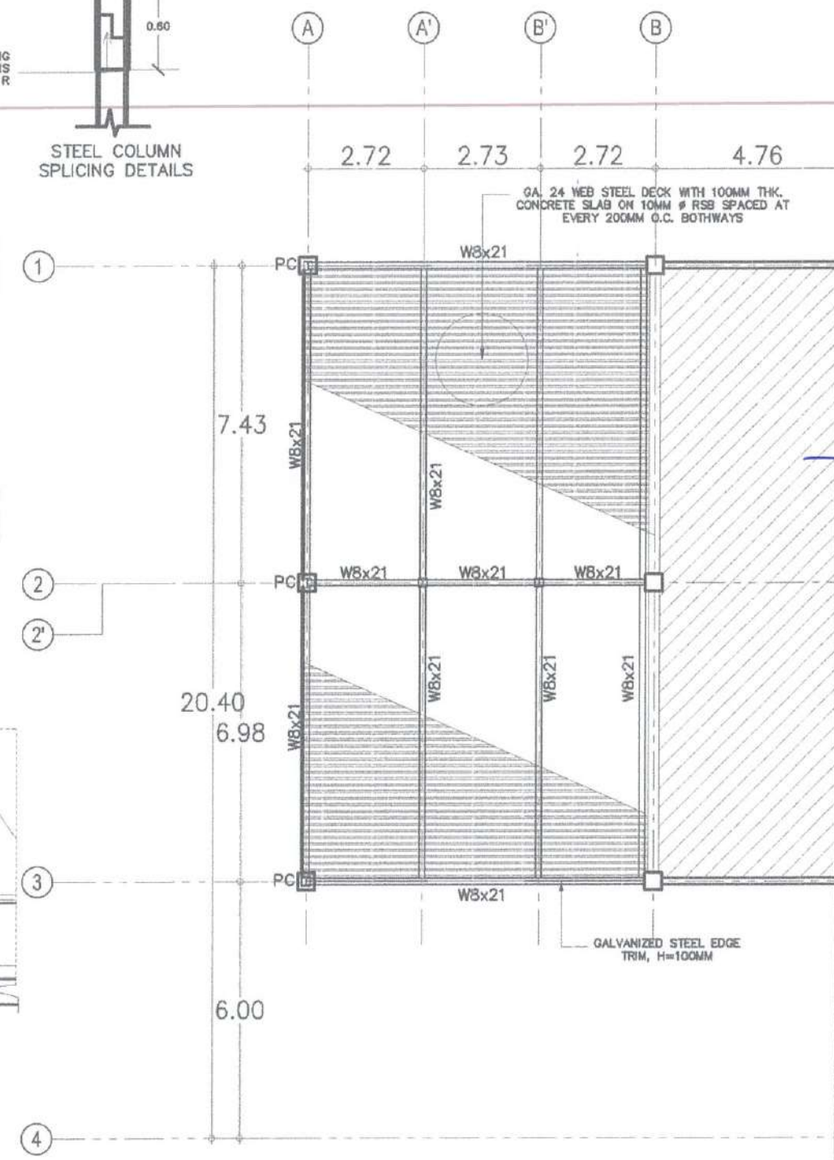

2ND FLOOR FRAMING PLAN

SCALE 1:20m

REPUBLIC OF THE PHILIPPINES

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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:	KAG
CHECKED BY:	

REVIEWED BY:
RAUL R. CRUCENA
Division Chief II, IDDD-AED

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

RECOMMEND APPROVAL:
LT COL VALENTINO A DIONELA PAF (RET)
Assistant Director General III, ADMS

APPROVED BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

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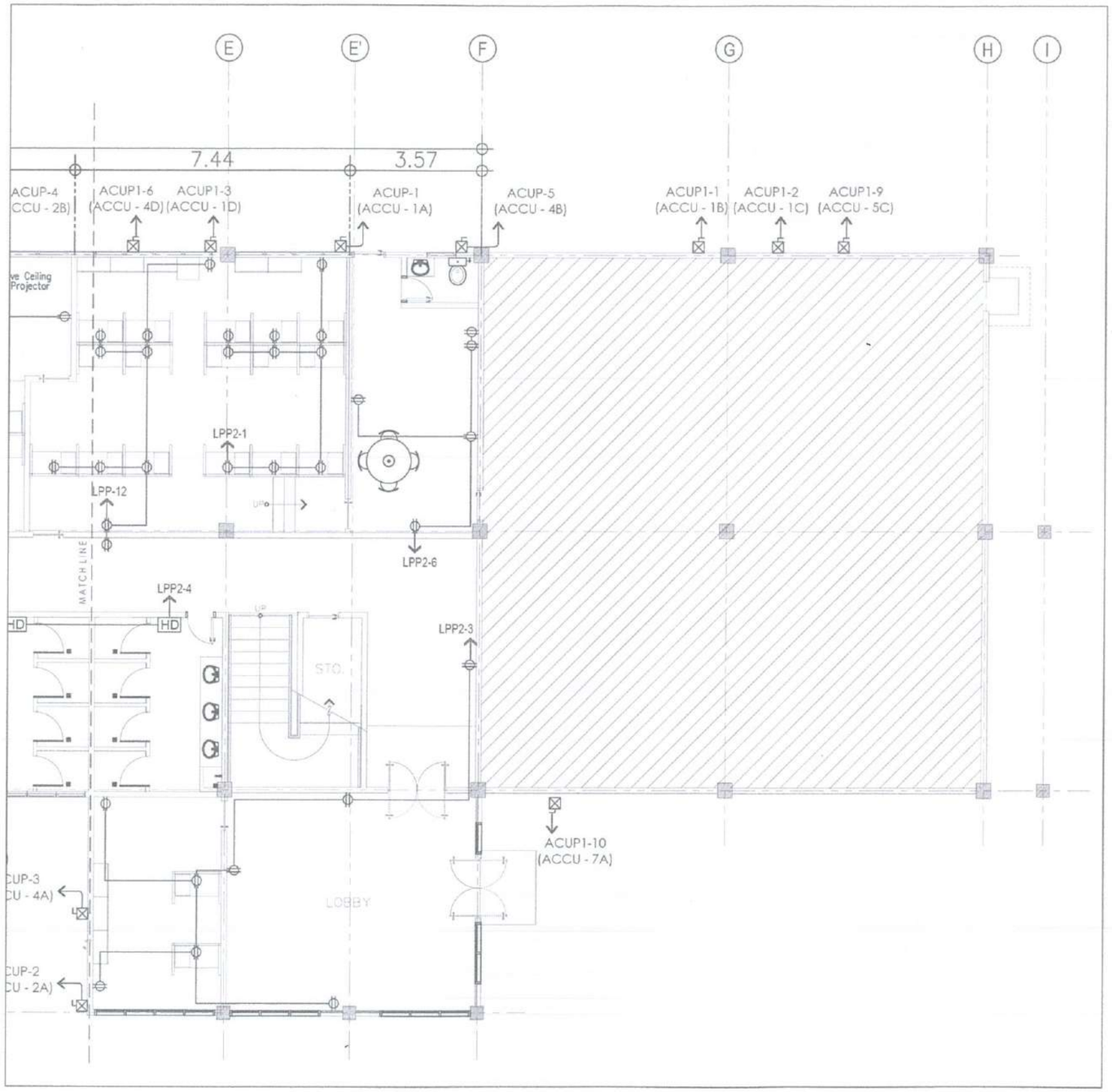

PARTIAL GROUND FLOOR
POWER LAYOUT PLAN
1 / E 11
SCALE: 1:75M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	RMD
DRAWN BY:	JPCJR
CHECKED BY:	RUAJR

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

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

RECOMMENDED 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 AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:
PARTIAL GROUND FLOOR POWER LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
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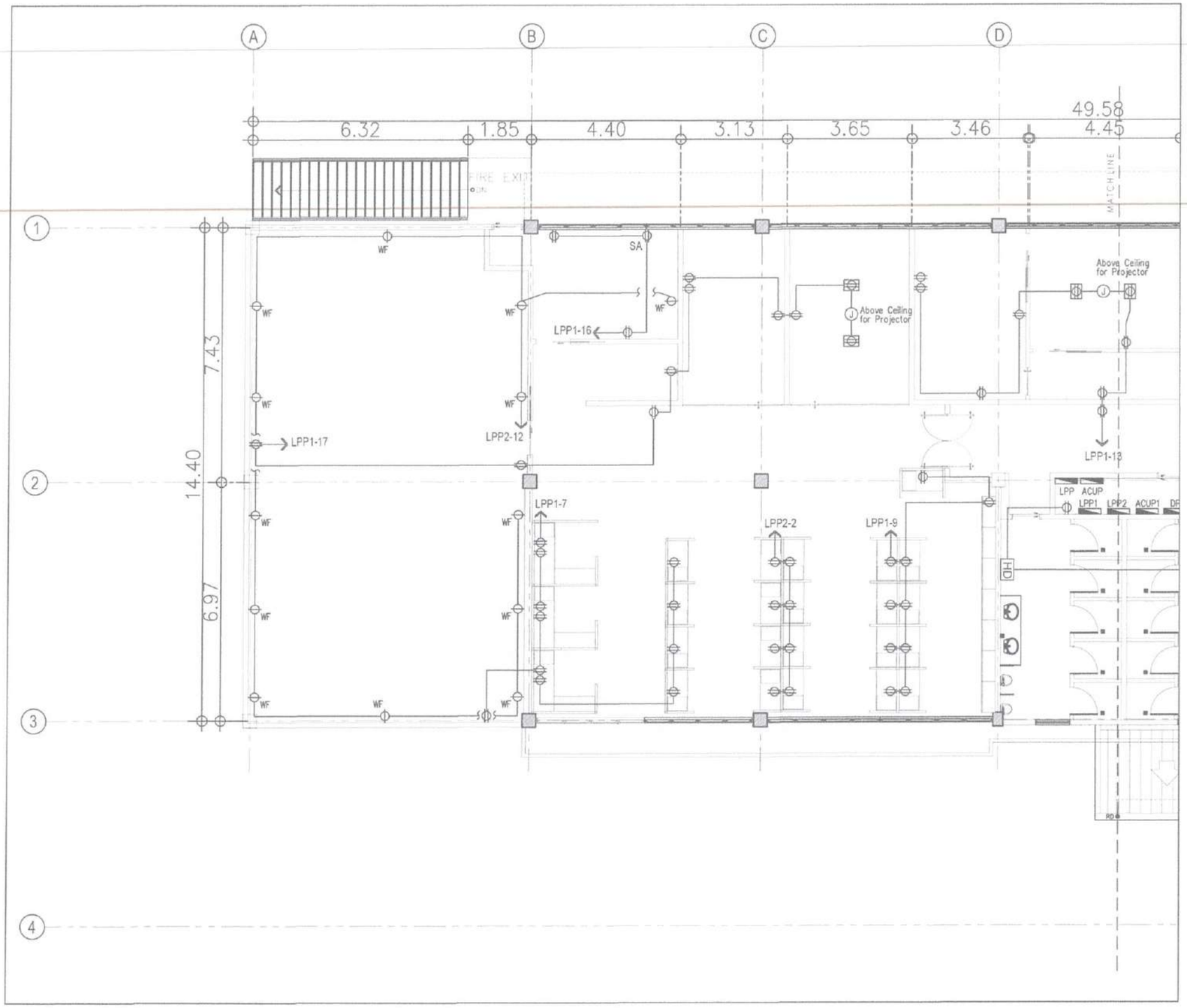

1 / E 12

PARTIAL SECOND FLOOR

POWER LAYOUT PLAN

SCALE: 1:75M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	RMD
DRAWN BY:	JPCJR
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

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Director General

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LOCATION:

CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:

PARTIAL SECOND FLOOR POWER LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
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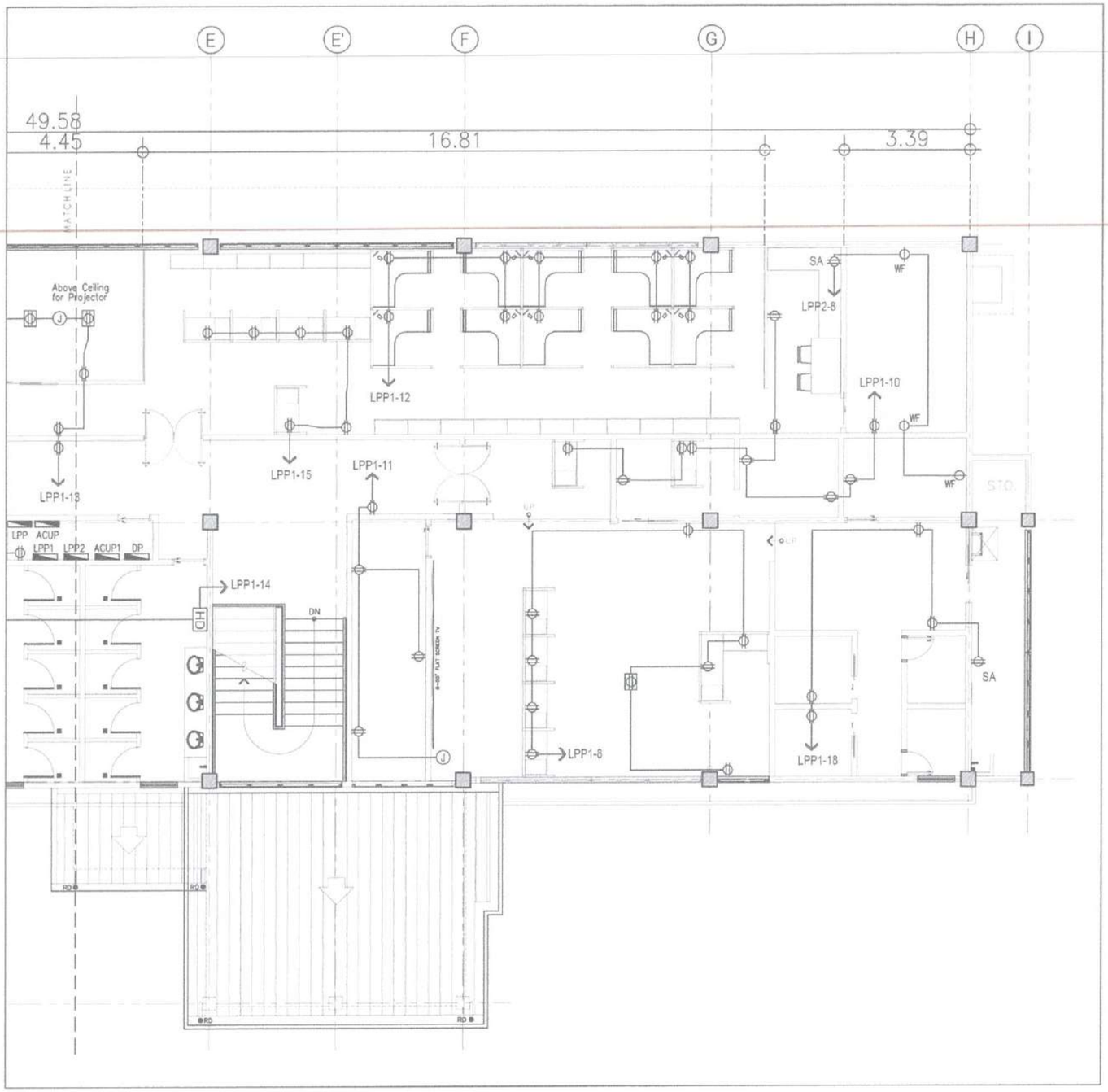

1
E 13

PARTIAL SECOND FLOOR
POWER LAYOUT PLAN
SCALE: 1:75M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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DESIGNED BY:	RMD
DRAWN BY:	JPCJR
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REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

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ARNEL F. BORLADO
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RECOMMENDED APPROVAL:
LT COL VALENTINO A DIONELA PAF RET
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CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:
PARTIAL SECOND FLOOR POWER LAYOUT PLAN

DRAWING SCALE	SHEET NO:
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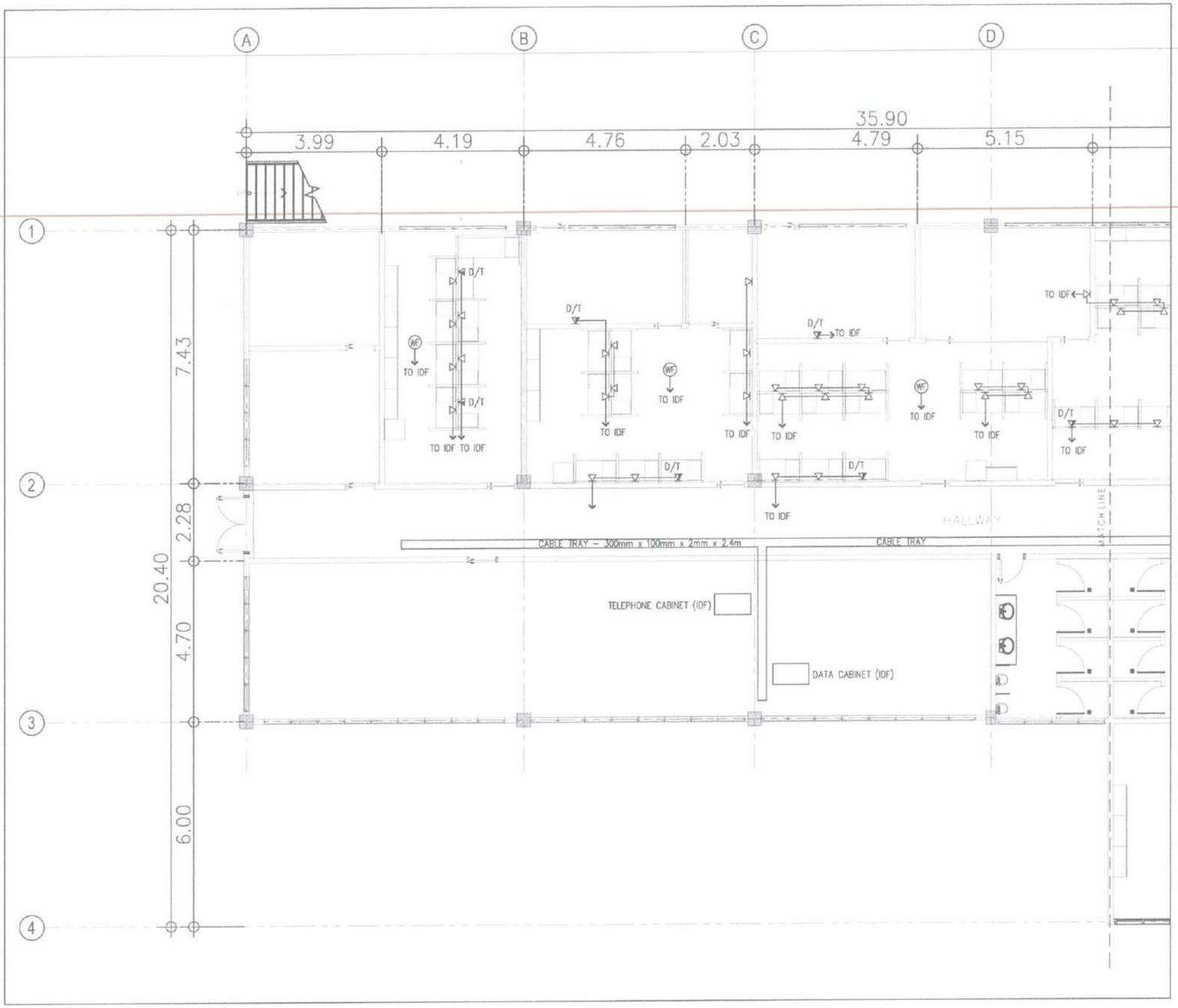

PARTIAL GROUND FLOOR

DATA AND VOICE SYSTEM LAYOUT PLAN

1 / E 14

SCALE: 1:75M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	RMD
DRAWN BY:	JPCJR
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDD - ADMS

SUBMITTED BY:

ARNEL P. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

LTCOL VALENTINO A DIONELA PAF RET
Assistant Director General II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

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CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:

PARTIAL GROUND FLOOR DATA AND VOICE SYSTEM LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
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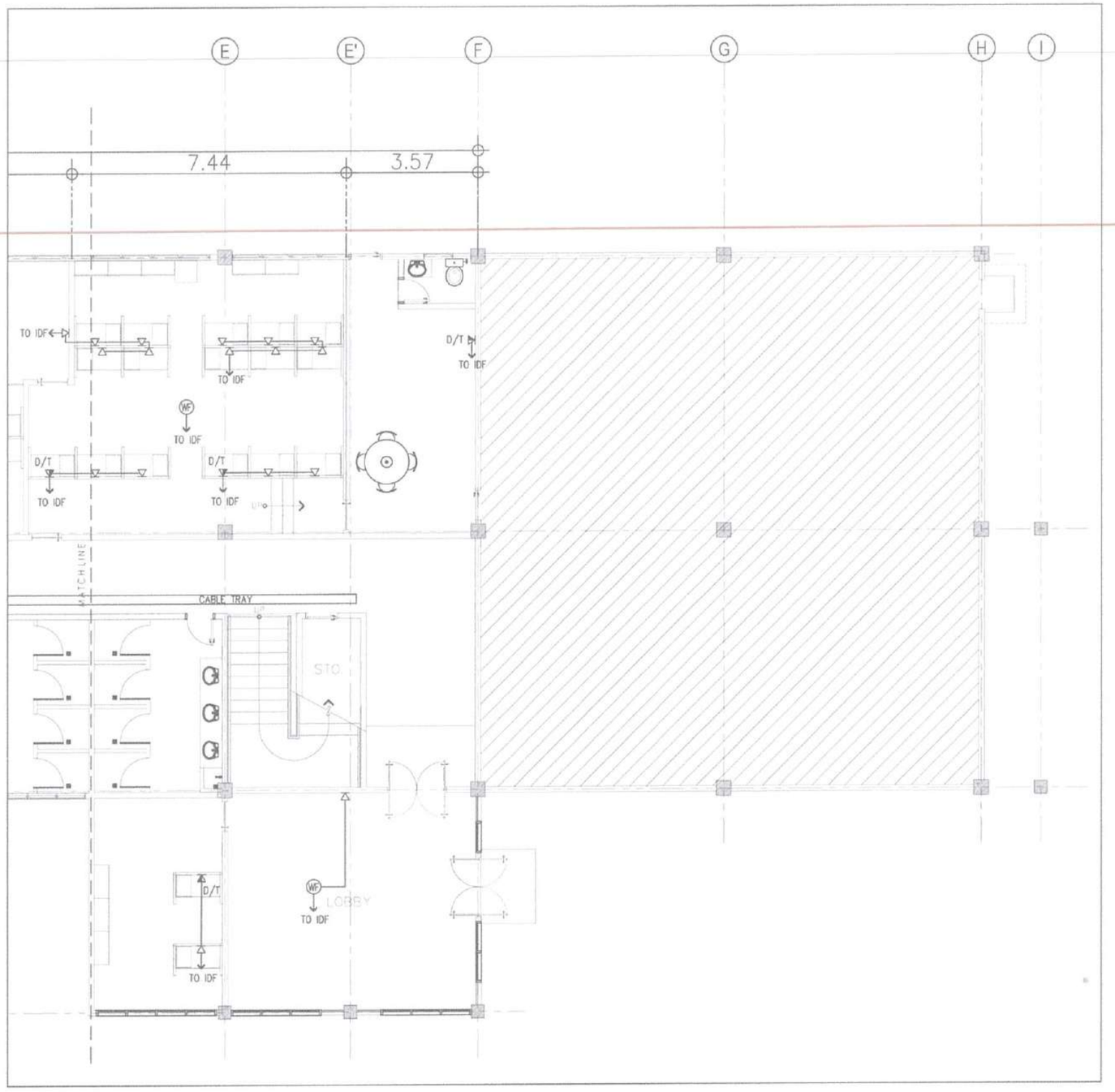

PARTIAL GROUND FLOOR

1 / E 15

DATA AND VOICE SYSTEM LAYOUT PLAN

SCALE: 1:75M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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REVIEWED BY:

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Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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Assistant Director General II, ADMS

APPROVED:

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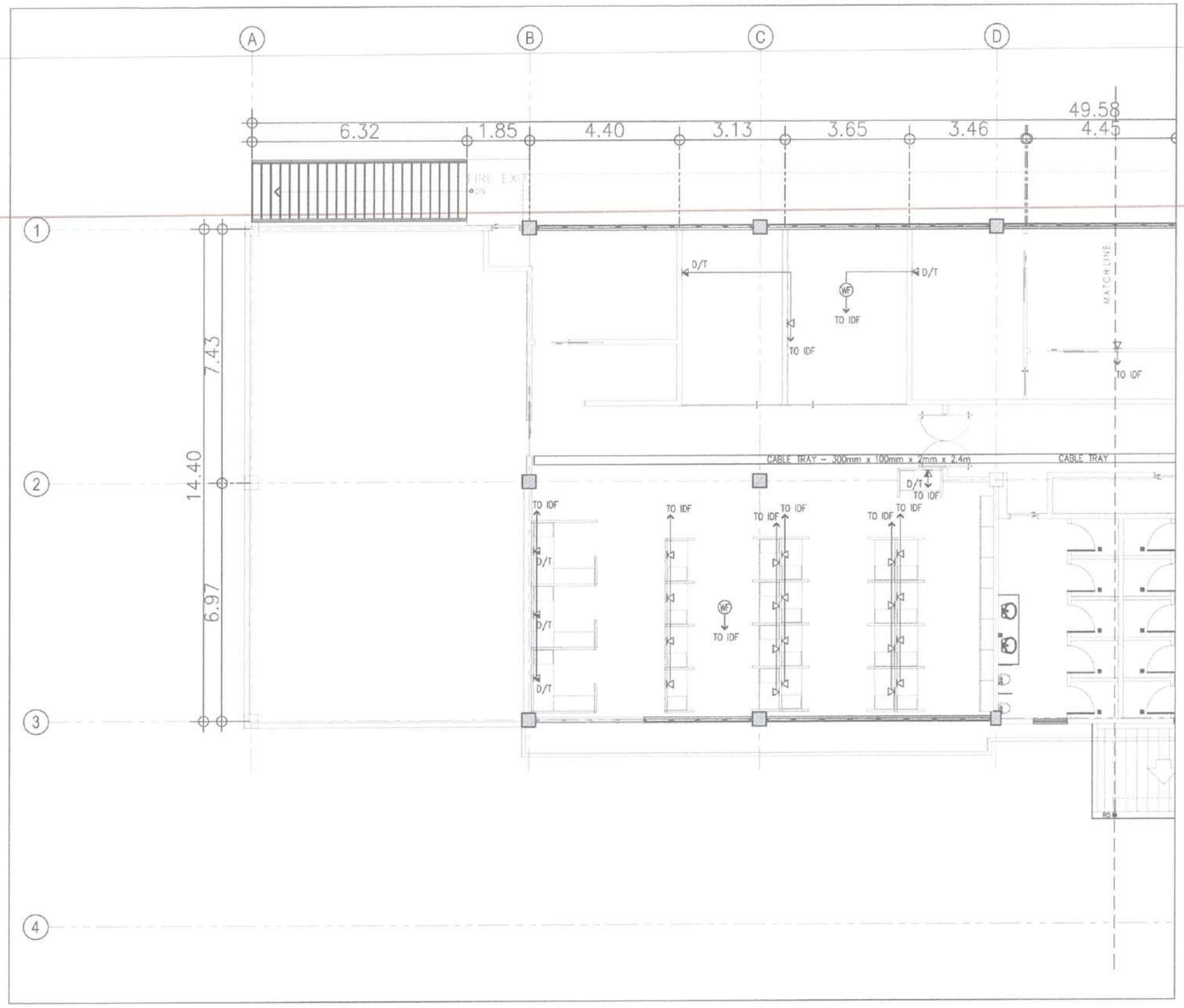
CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:

PARTIAL GROUND FLOOR DATA AND VOICE SYSTEM LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	E-15



PARTIAL SECOND FLOOR

DATA AND VOICE SYSTEM LAYOUT PLAN

1 / E 16

SCALE: 1:75M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	RMD
DRAWN BY:	JPCJR
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, DDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED 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 AIRWAYS FACILITY COMPLEX BUILDING

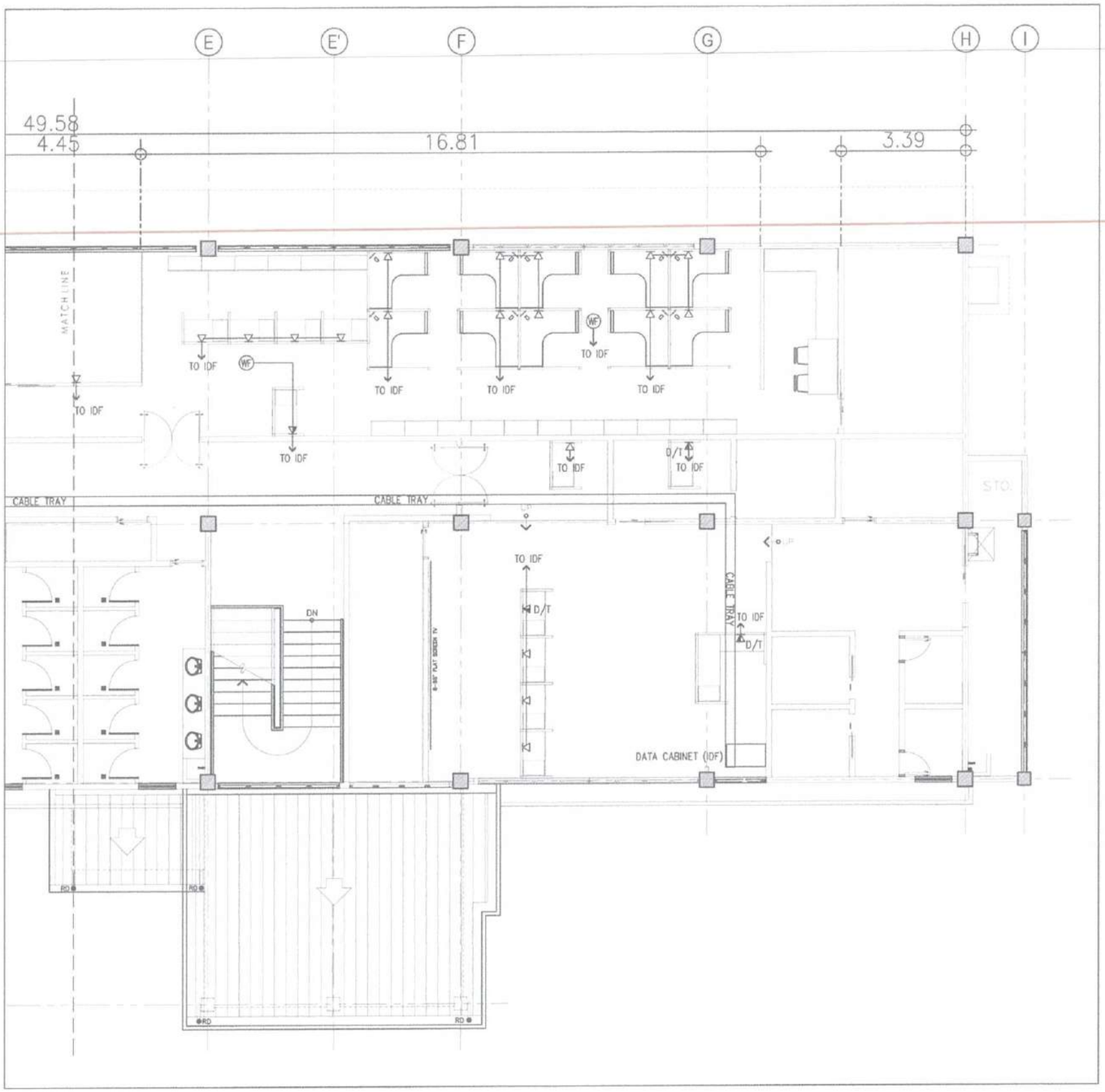
LOCATION:

CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:

PARTIAL SECOND FLOOR DATA AND VOICE SYSTEM LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	E-16



PARTIAL SECOND FLOOR

DATA AND VOICE SYSTEM LAYOUT PLAN

1 / E 17

SCALE: 1:75M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	RMD
DRAWN BY:	JPCJR
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. RUCENA
Division Chief III, DDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

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

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

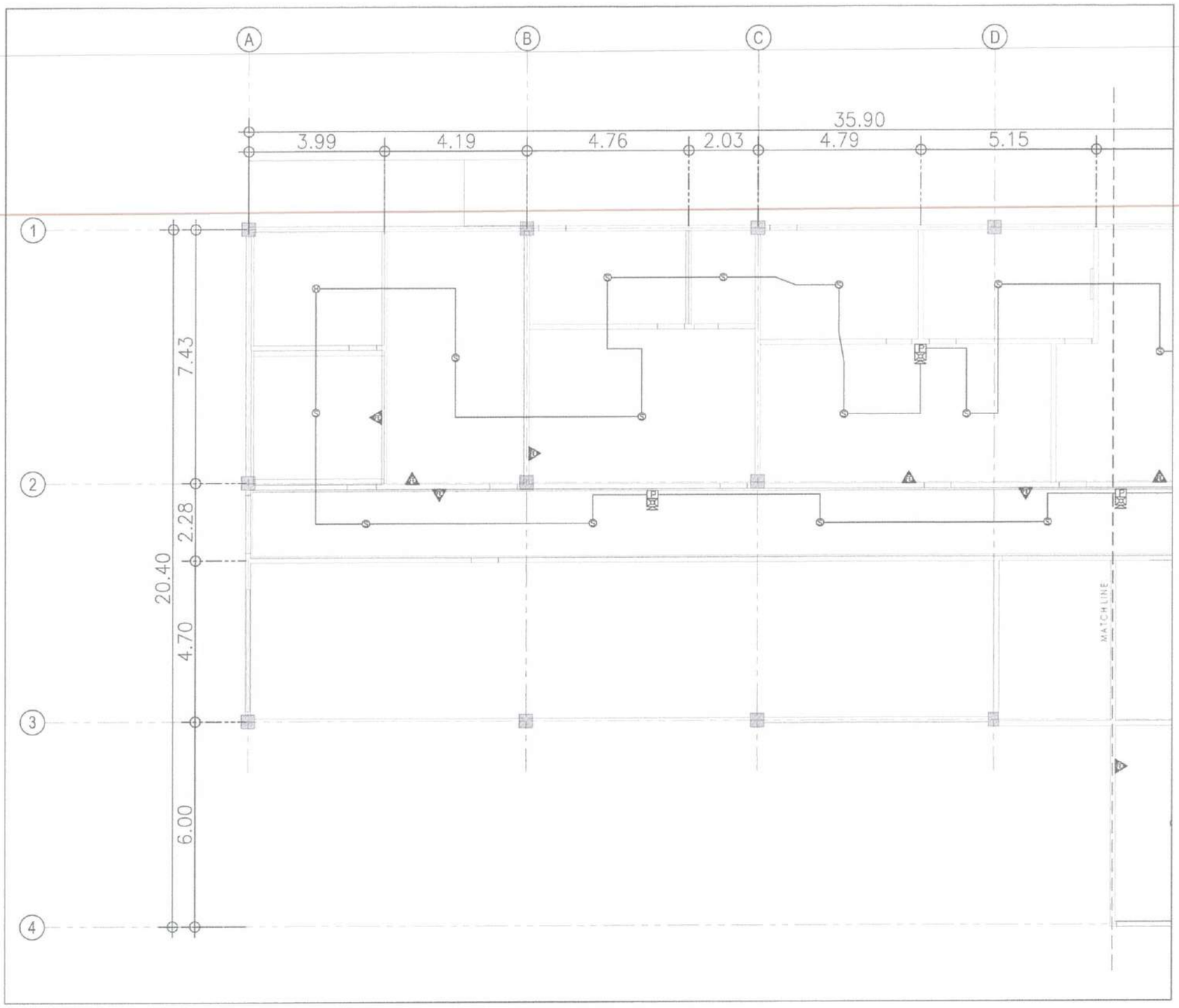
LOCATION:

CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:

PARTIAL SECOND FLOOR DATA AND VOICE SYSTEM LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	E-17



PARTIAL GROUND FLOOR

1 / E 18

FDAS LAYOUT PLAN

SCALE: 1:75M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DESIGNED BY:	RMD
DRAWN BY:	JPCJR
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED 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 AIRWAYS FACILITY COMPLEX BUILDING

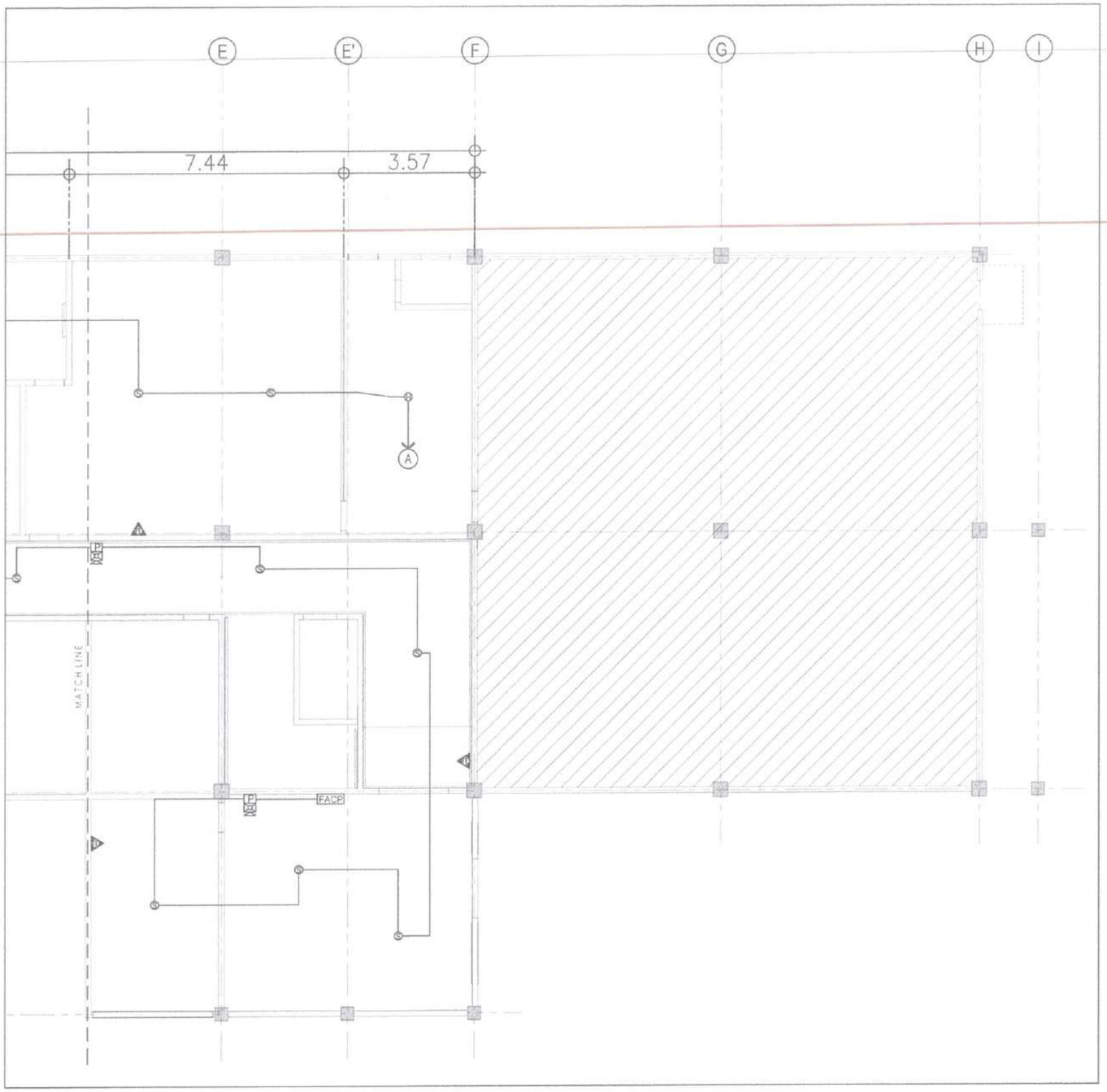
LOCATION:

CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:

PARTIAL GROUND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT PLAN

DRAWING SCALE	SHEET NO:
AS SHOWN	E-18



PARTIAL GROUND FLOOR
FDAS LAYOUT PLAN
1 / E 19
SCALE: 1:75M

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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DESIGNED BY	RMD
DRAWN BY	JPCJR
CHECKED BY	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED APPROVAL:

LT COL VALENTINO V. PONELA PAF RET
Assistant Director General II, ADMS

APPROVED:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

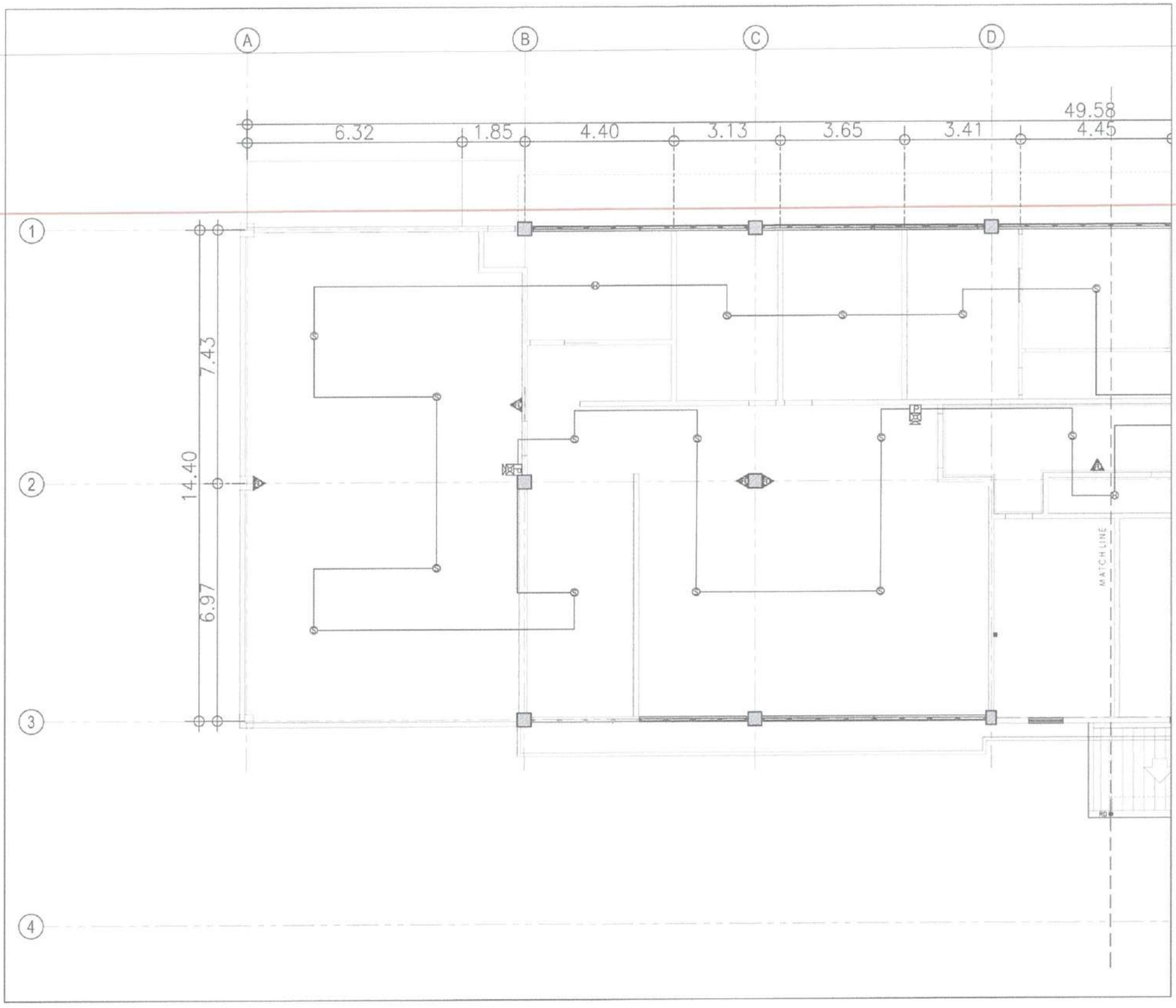
LOCATION:

CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE., PASAY CITY

SHEET CONTENTS:

PARTIAL GROUND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT PLAN

DRAWING SCALE	SHEET NO:
AS SHOWN	E-19



PARTIAL SECOND FLOOR
FDAS LAYOUT PLAN
1 / E 20
SCALE: 1:75M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE
DESIGNED BY:	RMD
DRAWN BY:	JPCJR
CHECKED BY:	RUAJR

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD - ADMS

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

RECOMMENDED APPROVAL:
LT COL VALENTINO A DIONELA PAF RET
Assistant Director General II, ADMS

APPROVED:
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Director General

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IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

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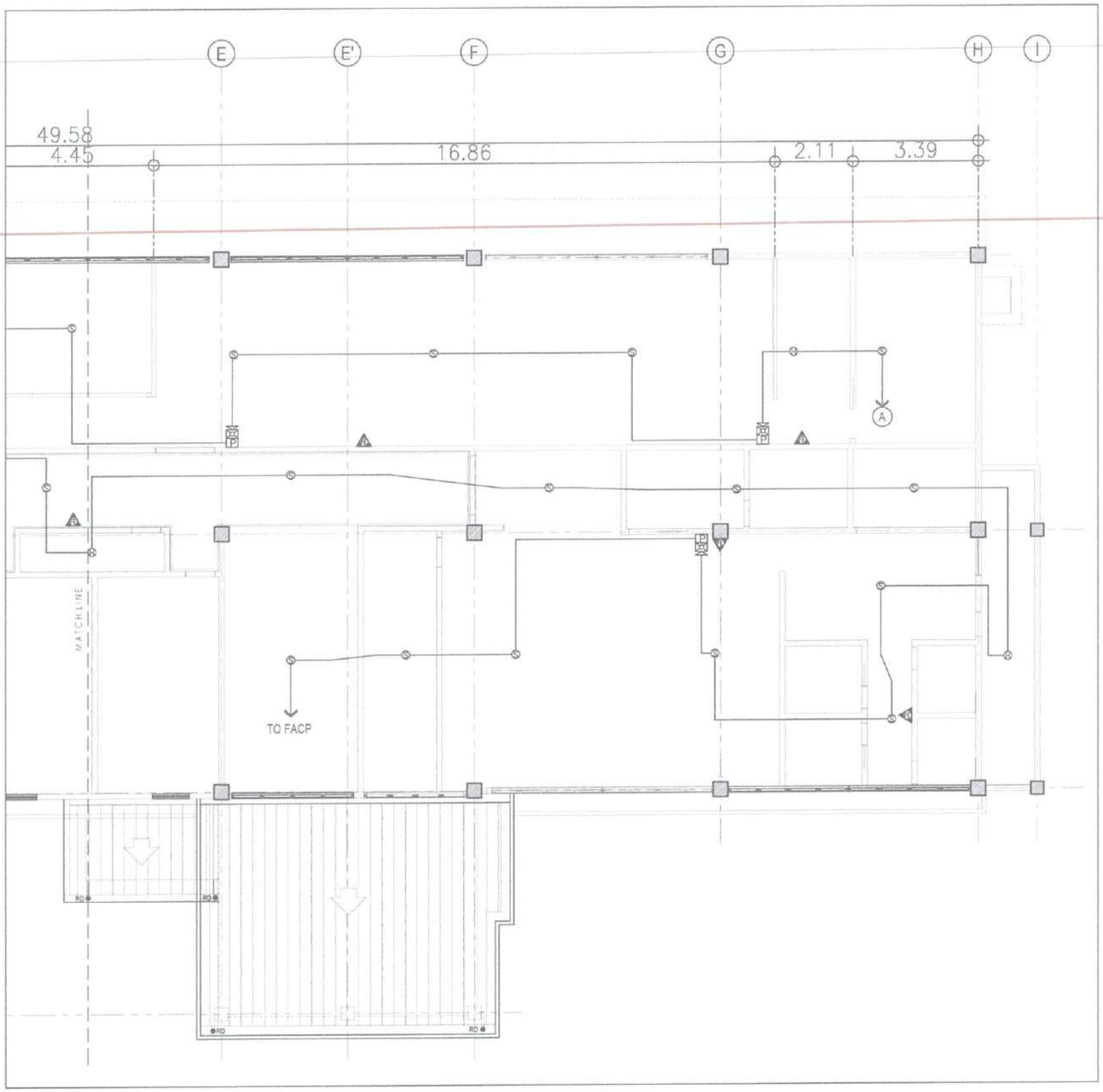
CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

SHEET CONTENTS:
PARTIAL SECOND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	E-20



PARTIAL SECOND FLOOR

1 / E 21

FDAS LAYOUT PLAN

SCALE: 1:75M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF	INITIAL / DATE	
DESIGNED BY:	RMD	
DRAWN BY:	JPCJR	
CHECKED BY:	RUAJR	

REVIEWED BY:

RAUL R. ARUCENA
Division Chief III, DDD - ADMS

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMENDED 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 AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA ROAD COR. N. AQUINO AVE, PASAY CITY

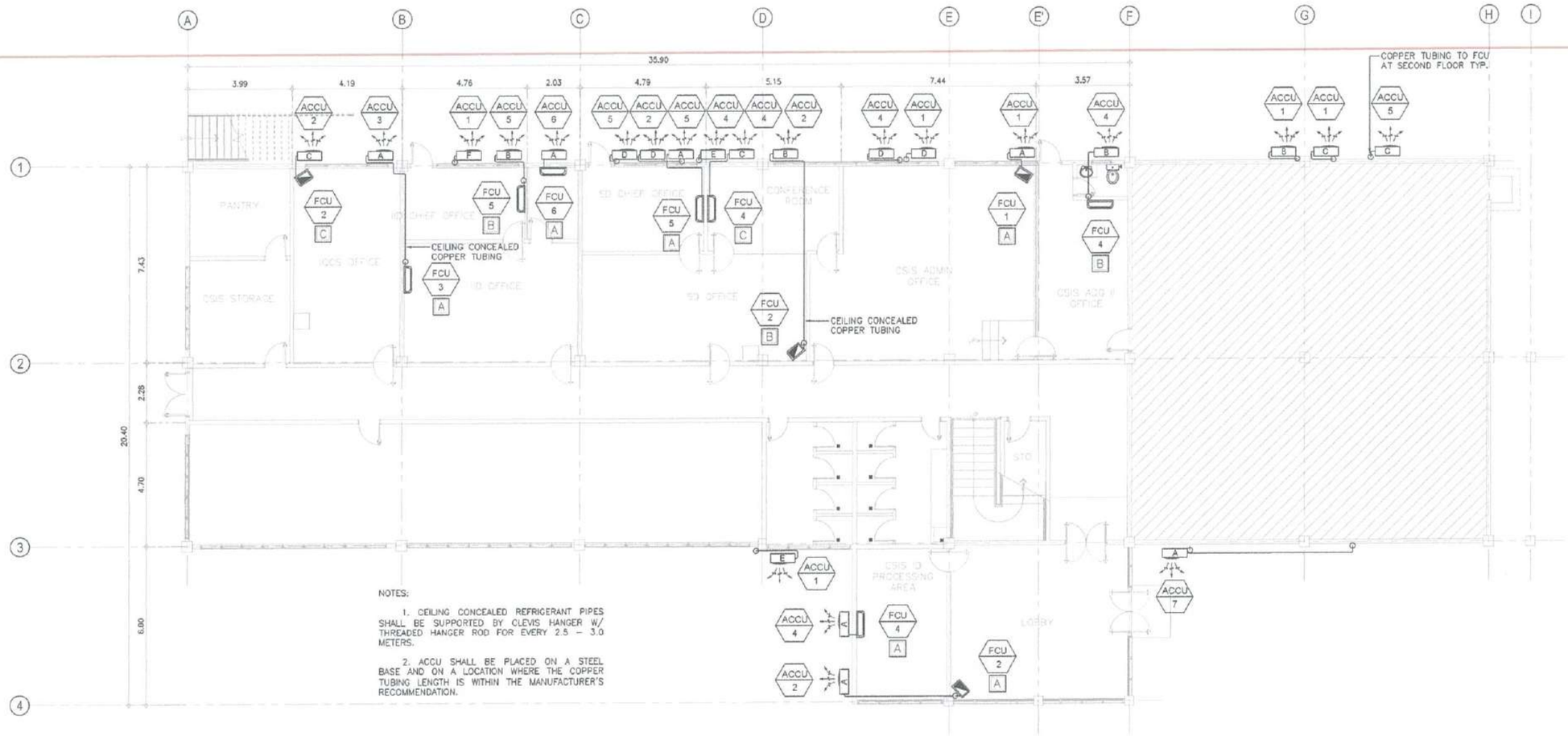
SHEET CONTENTS:

PARTIAL SECOND FLOOR FIRE DETECTION AND ALARM SYSTEM LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	E-21

LEGEND:

- ACCU 1 — AIR COOLED CONDENSING UNIT (INVERTER OUTDOOR UNIT, VER. SPECS) CAPITAL LETTER ON RECTANGLE DENOTES FCU CONTROLLED AND EQUIPMENT TAG NUMBER INDICATES TYPE OF ACCU.
- FCU 1 A — 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



NOTES:

1. CEILING CONCEALED REFRIGERANT PIPES SHALL BE SUPPORTED BY CLEVIS HANGER W/ THREADED HANGER ROD FOR EVERY 2.5 – 3.0 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.

1 / M-01 | M-01 GROUND FLOOR AIR-CONDITIONING LAYOUT

SCALE: 1:100 M

REPUBLIC OF THE PHILIPPINES

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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	JCMC
CHECKED BY	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

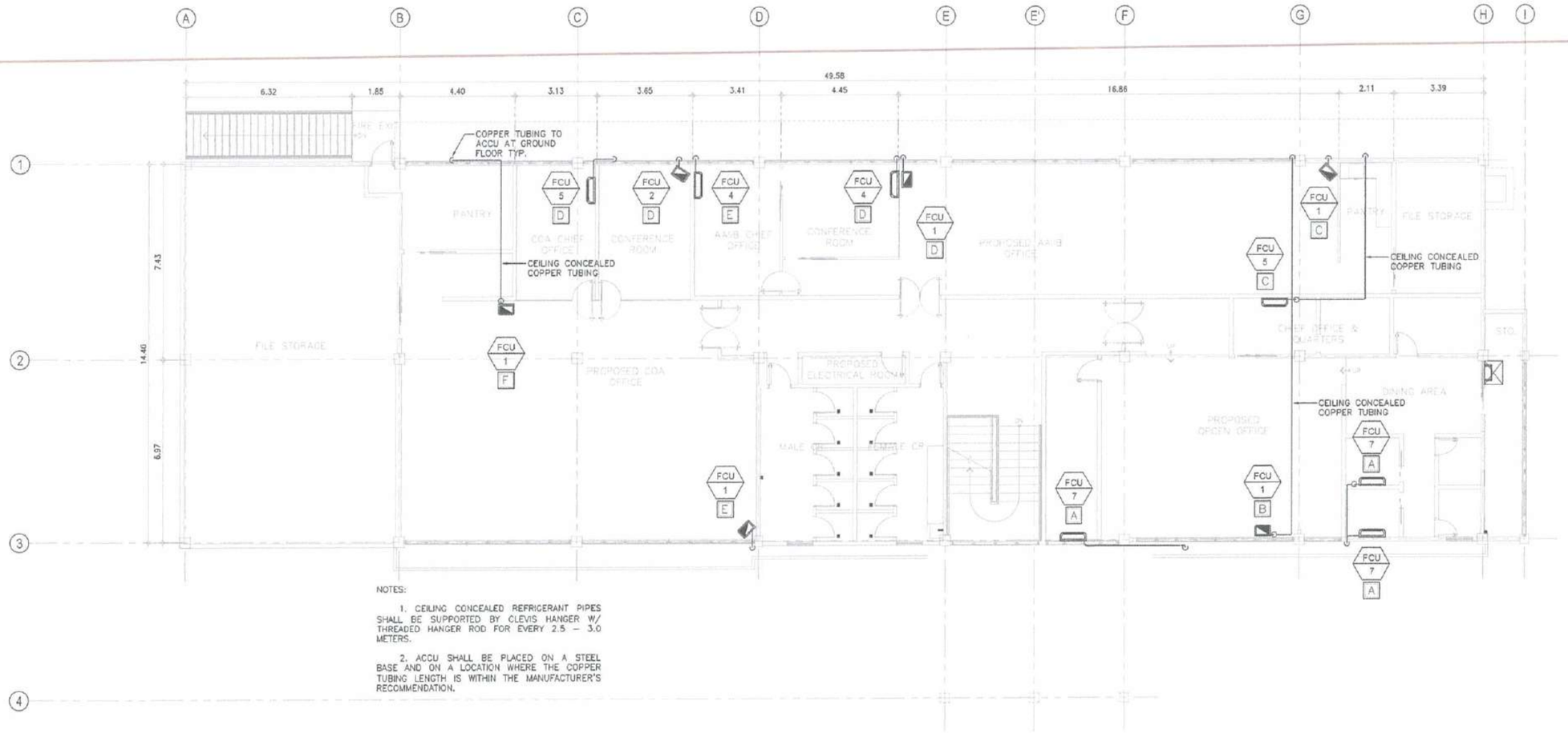
SHEET CONTENTS:

GROUND FLOOR AIR-CONDITIONING LAYOUT

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 01
	01

LEGEND:

- ACCU 1 — AIR COOLED CONDENSING UNIT (INVERTER OUTDOOR UNIT, VER. SPECS) CAPITAL LETTER ON RECTANGLE DENOTES FCU CONTROLLED AND EQUIPMENT TAG NUMBER INDICATES TYPE OF ACCU.
- FCU 1 A — 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



NOTES:

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2. ACCU SHALL BE PLACED ON A STEEL BASE AND ON A LOCATION WHERE THE COPPER TUBING LENGTH IS WITHIN THE MANUFACTURER'S RECOMMENDATION.

1 / M-02M-02

SECOND FLOOR AIR-CONDITIONING LAYOUT

SCALE: 1:100 M

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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:	JCMC
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief II, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

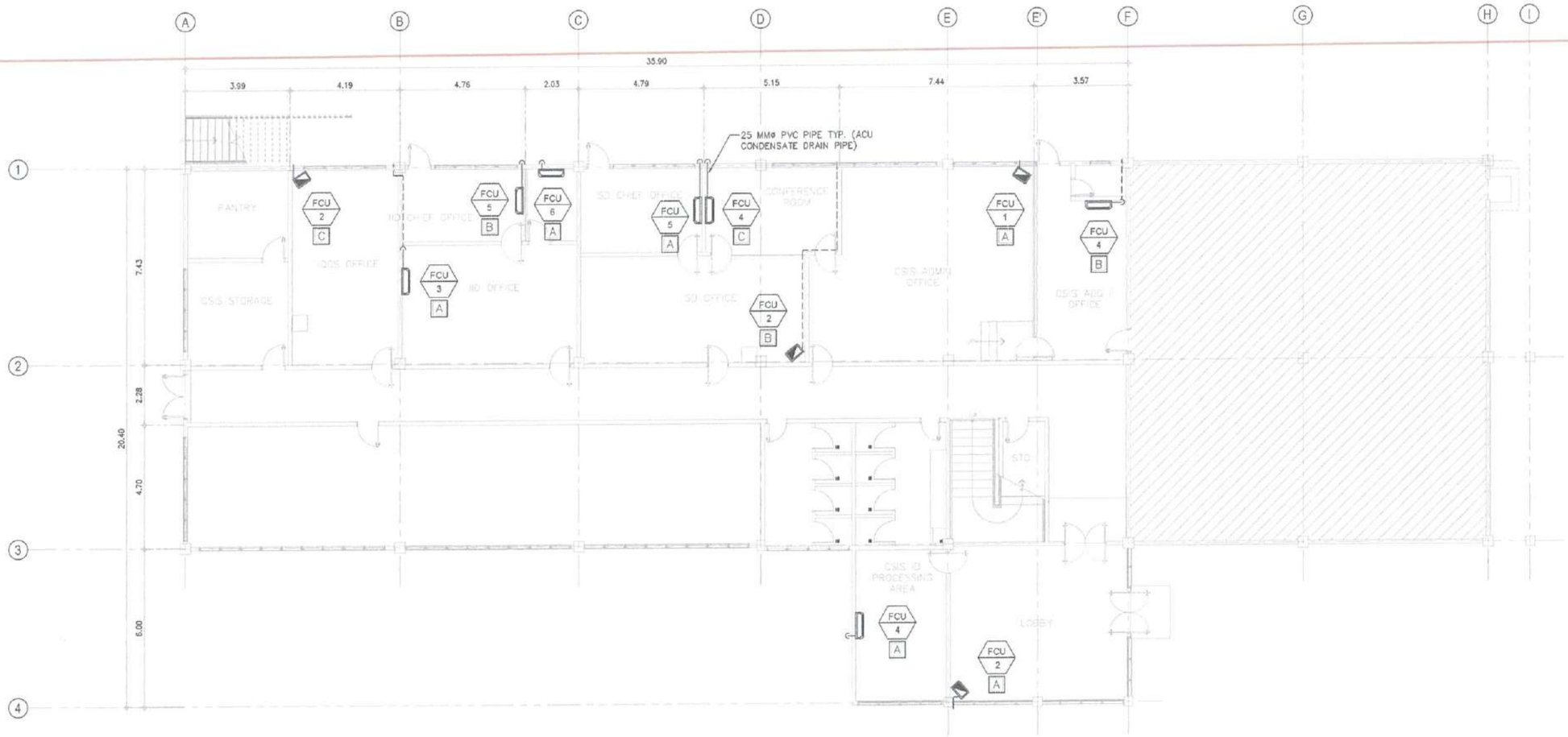
SECOND FLOOR AIR-CONDITIONING LAYOUT

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 02
	02

LEGEND:

PIPE GOING DOWN

EMBEDDED CONDENSATE DRAIN PIPE



1 M-03 M-03

GROUND FLOOR ACU CONDENSATE DRAIN PIPE LAYOUT

SCALE: 1:100 M

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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:	JCMC
CHECKED BY:	RUAJR

REVIEWED BY:

RAUL R. ORUCENA
Division Chief III, DDD-AED

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 BY:

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Director General

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CAAP CENTRAL OFFICE
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SHEET CONTENTS:

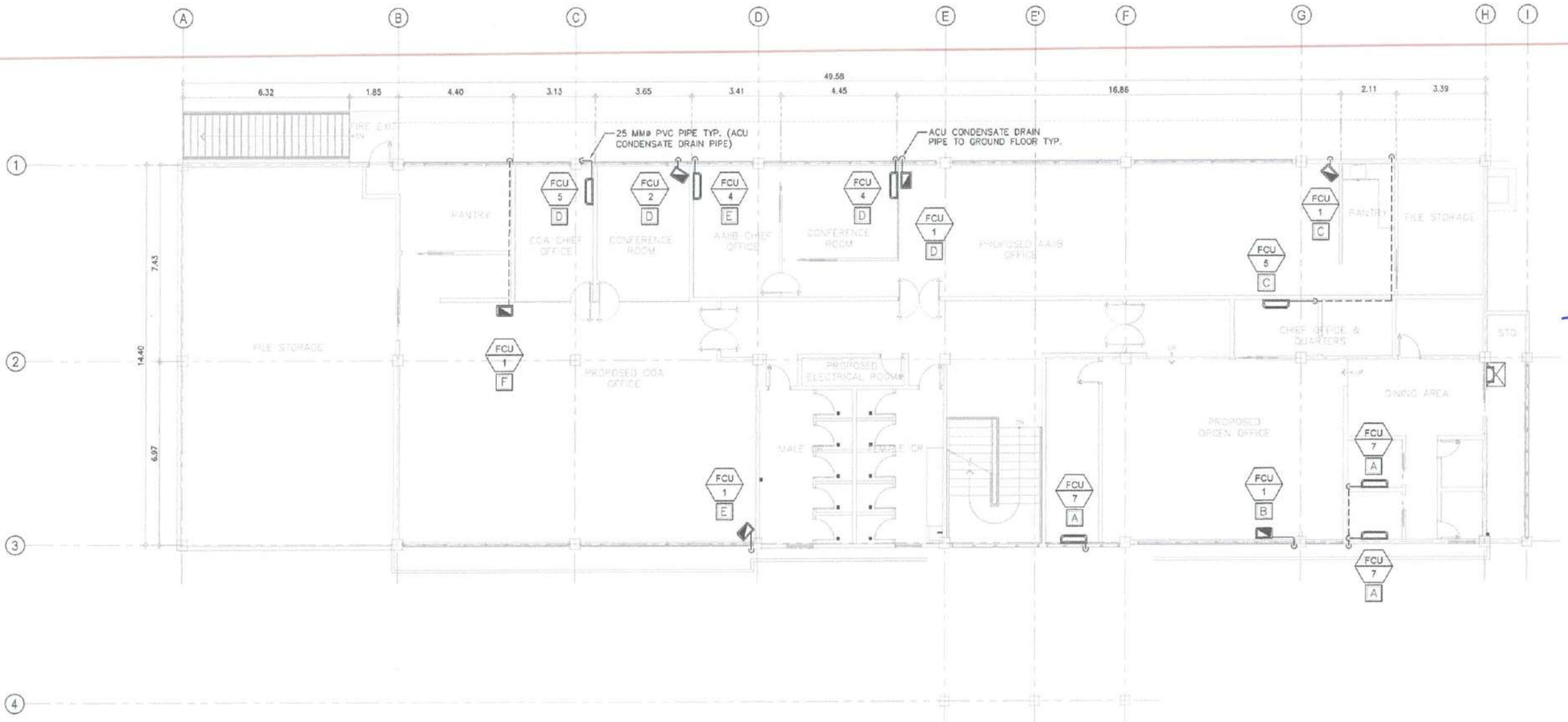
GROUND FLOOR ACU CONDENSATE DRAIN PIPE LAYOUT

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 03
	03

LEGEND:

PIPE GOING DOWN

EMBEDDED CONDENSATE DRAIN PIPE



1 M-04/M-04 SECOND FLOOR ACU CONDENSATE DRAIN PIPE LAYOUT

SCALE: 1:100 M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE
NAIA ROAD, 1300 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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REVIEWED BY:

RAUL R. CRUCENA
Division Chief II, IDDD-AED

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

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

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SHEET CONTENTS:

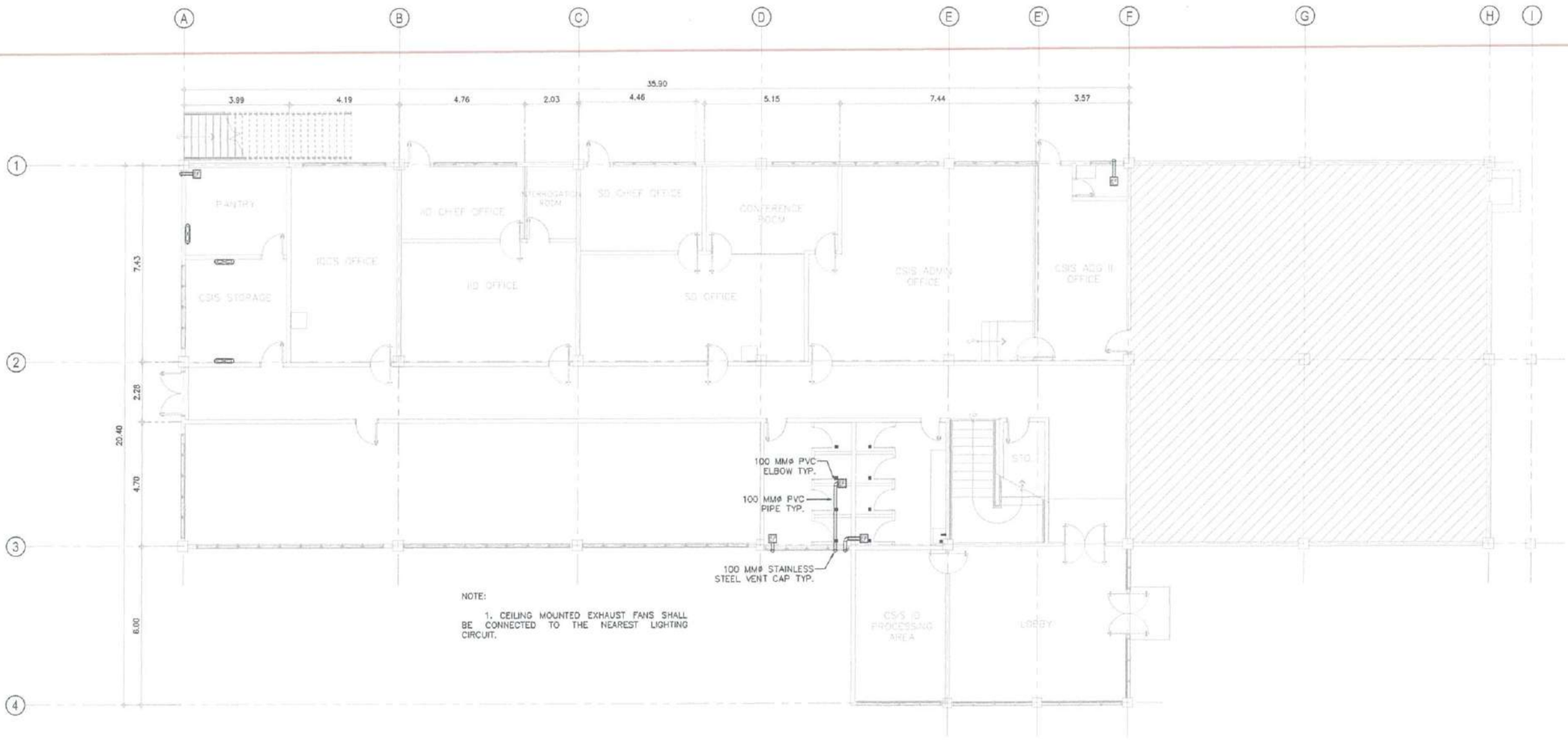
SECOND FLOOR ACU CONDENSATE DRAIN PIPE LAYOUT

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

LEGEND:

EF — 12" CEILING MOUNTED EXHAUST FAN

18" WALL FAN



NOTE:

1. CEILING MOUNTED EXHAUST FANS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT.

GROUND FLOOR VENTILATION LAYOUT

1 / M-05 M-05

SCALE: 1:100 M

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NAIA ROAD, 1300 PASAY CITY

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DESIGNED BY:	IDDD
DRAWN BY:	JCMC
CHECKED BY:	RUA,JR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

SUBMITTED BY:

ARNEL F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

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

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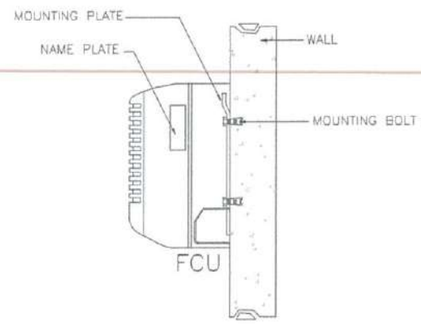
SHEET CONTENTS:

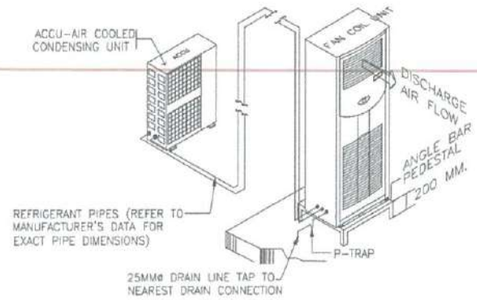
GROUND FLOOR VENTILATION LAYOUT

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 05
	05



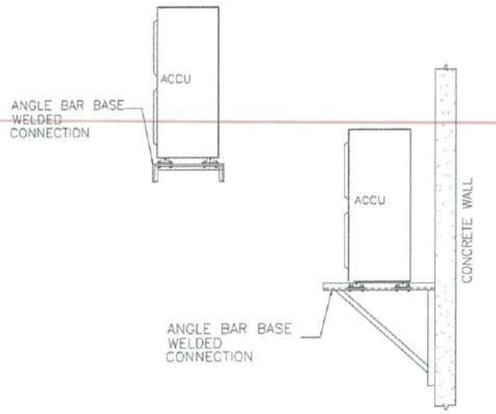
WALL MOUNTED

FCU DETAIL

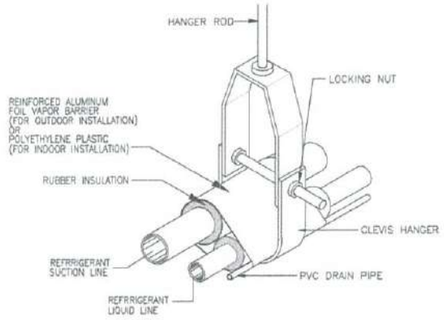


FLOOR STANDING

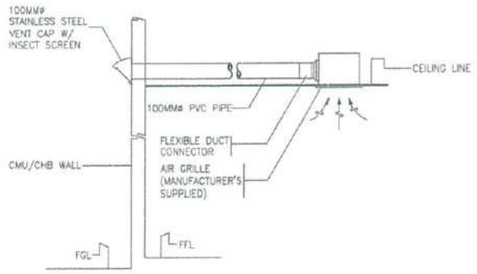
FCU DETAIL



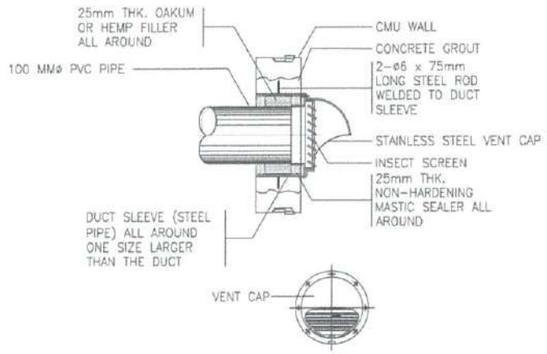
ACCU SUPPORT DETAIL



COPPER TUBING W/ HANGER DETAIL



EXHAUST FAN DETAIL



EXHAUST DUCT/VENT CAP DETAIL

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	JCMC
CHECKED BY:	RUA JR

REVIEWED BY:

RAUL R. ARUCENA
Division Chief, IDDD-AED

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 BY:

CAPTAIN MAYDEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

MISCELLANEOUS DETAILS

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 08
	08

GENERAL NOTES:

1. 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.
2. CONTRACTOR SHALL BE RESPONSIBLE IN VERIFYING AND COORDINATING, THE FOLLOWING IN ACCORDANCE WITH MANUFACTURER'S DATA AND RECOMMENDATIONS.
   - A. FLOOR, ROOF AND WALL OPENINGS
   - B. EQUIPMENT PADS/PEDESTALS
   - C. CONDENSATE DRAIN LINES
3. ALL PIPE SIZES ARE IN MILLIMETER (mm) UNLESS OTHERWISE INDICATED.
4. ALL STRUCTURAL AND ARCHITECTURAL FINISHES DAMAGED DURING THE COURSE OF WORK SHALL BE RESTORED TO IT'S ORIGINAL CONDITION OR AS APPROVED BY OWNER.
5. PROVIDE SERVICE ACCESS & CLEARANCE TO CHANGE AIR FILTER ELEMENT FOR AC EQUIPMENT AS RECOMMENDED BY MANUFACTURER.
6. ALL INSULATED MECHANICAL PIPES THAT ARE EXPOSED SHALL BE CLADDED WITH ALUMINUM SHEET. CLADDING SHALL BE MACHINE/SHOP FABRICATED.
7. 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.
8. 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.
9. FINAL EQPT. TAG NUMBERING SHALL BE MADE BY THE OWNER'S ENGINEERING DEPARTMENT FOR CASE OF IDENTIFICATION OF INDIVIDUAL UNIT.
10. 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.
11. ALL MATERIALS TO BE USED SHALL BE BRAND NEW AND CLEAN.
12. DEVIATION AND REVISIONS FROM PLAN SHALL BE REFERRED TO THE ARCHITECT/ENGINEER FOR REVIEW AND APPROVAL.
13. ALL NECESSARY GOVERNMENT PERMIT SHALL BE SECURED AND PAID FOR THE CONTRACTOR.
14. ALL MECHANICAL WORKS SHALL BE IN ACCORDANCE WITH THE LATEST MECHANICAL ENGINEER'S CODE ASVE, ASHRAE AND SMACNA STANDARD.
15. ALL A/C AND VENTILATING EQUIPMENT CONTROL PANEL SWITCH AND CIRCUIT BREAKERS ARE PROVIDED BY THE MECHANICAL CONTRACTOR.
16. THE MECHANICAL CONTRACTOR SHALL CONDUCT TESTING, BALANCING AND COMMISSIONING OF ALL A/C AND VENTILATING EQUIPMENT.

SYMBOL	ABBREVIATION	DESCRIPTION
	A/C	AIR CONDITIONING
	ACCU	AIR COOLED CONDENSING UNIT
		EQUIPMENT TAG NUMBER
	FCU	FAN COIL UNIT (WALL MOUNTED)
	FCU	FAN COIL UNIT (FLOOR STANDING)
	KW	KILOWATTS
	PH	PHASE
		PIPE GOING UP
		PIPE GOING DOWN
	PFE	PORTABLE FIRE EXTINGUISHER
	QTY	QUANTITY
	RL	REFRIGERANT LIQUID
	RG	REFRIGERANT GAS
	SMACNA	SHEET METAL AND AIR CONDITIONING CONTRACTORS NATIONAL ASSOCIATION
	TR	TON OF REFRIGERATION
	TYP	TYPICAL
	HP	HORSEPOWER
	HZ	HERTZ
	V	VOLTS

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
						PIPE CONNECTION							
					TYPE	GAS LINE mm (IN)	LIQUID LINE mm (IN)	V	PH	HZ	RATED CURRENT (A)		
FCU 1	6	CSIS ADMIN OFFICE, OPCEN OFFICE, AAIIB OFFICE & COA OFFICE	7.0 (5.0)	25 (1)	R-410a	19.05 (3/4)	9.52 (3/8)	220-230	3	60	15.4	58	INVERTER FLOOR STANDING TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH, EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
FCU 2	4	CSIS LOBBY, SD OFFICE, IQCS OFFICE & COA CONFERENCE ROOM	4.0 (3.0)	25 (1)	R-410a	15.88 (5/8)	9.52 (3/8)	220-230	1	60	16.0	50	INVERTER FLOOR STANDING TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH, EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
FCU 3	1	IID OFFICE	3.0	25 (1)	R-32	15.88 (5/8)	6.35 (1/4)	220-230	1	60	11.5	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.
FCU 4	5	CSIS ID PROCESSING AREA, CSIS ADG II OFFICE, CSIS CONF. ROOM, AAIIB CONF. ROOM & CHIEF OFFICE	2.0	25 (1)	R-32	12.70 (1/2)	6.35 (1/4)	220-230	1	60	8.5	12	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE, TEMPERATURE CONTROLLER, FAN SPEED SWITCH, EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
FCU 5	4	SD CHIEF OFFICE, IID CHIEF OFFICE, OPCEN CHIEF OFFICE & COA CHIEF OFFICE	1.5	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	7.15	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.
FCU 6	1	INTERROGATION AREA	1.0	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	5.20	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.
FCU 7	3	OPCEN QUARTERS & SERVER ROOM	1.0	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	-	8.6	INVERTER MULTI-SPLIT 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
						PIPE CONNECTION								
					TYPE	GAS LINE mm (IN)	LIQUID LINE mm (IN)	V	PH	HZ	RATED CURRENT (A)	CIRCUIT BREAKER (A)		
ACCU 1	6	7.0 (5.0)	FCU-1	25 (1)	R-410a	19.05 (3/4)	9.52 (3/8)	220-230	3	60	-	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.
ACCU 2	4	4.0 (3.0)	FCU-2	25 (1)	R-410a	15.88 (5/8)	9.52 (3/8)	220-230	1	60	-	40	54	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.
ACCU 3	1	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.
ACCU 4	5	2.0	FCU-4	25 (1)	R-32	12.70 (1/2)	6.35 (1/4)	220-230	1	60	-	30	26	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.
ACCU 5	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.
ACCU 6	1	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.
ACCU 7	1	3.0	FCU-7	25 (1)	R-32	9.52 (3/8)	6.35 (1/4)	220-230	1	60	11.0	40	63	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.

BAGONG PILIPINAS

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY	IDDD
DRAWN BY	JCMC
CHECKED BY	RUA JR

REVIEWED BY:

RAUL R. CRUCENA
Division Chief II, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

GENERAL NOTES
LEGENDS & SYMBOLS
EQUIPMENT SCHEDULE

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 07
	07

GENERAL NOTES

1. 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.
2. 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.
3. 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.
4. 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.
5. 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.
6. ALL PLUMBING FIXTURES SHALL BE INDIVIDUALLY VENTED.
7. 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

8. 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.
9. CONDENSATE DRAINAGE SYSTEM FOR AIRCONDITIONING EQUIPMENT INCLUDING PIPINGS, FITTINGS, SUPPORTS, ALL REQUIRED ACCESSORIES AND TAPPING PINTS SHALL BE PART OF MECHANICAL WORKS.
10. PROVIDE VALVE BOX FOR EACH EMBEDDED GATE VALVE.
11. 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 10
- 100mmØ 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
———	SOIL PIPE/ WASTE PIPE
- - - - - - -	VENT PIPE
— — —]	END CAP
——— FCO	FLOOR CLEANOUT
——— GCO	GROUND CLEANOUT
—⊳⊲—	GATE VALVE
—|/|—	CHECK VALVE
—Ⓜ—	WATER METER
—▷—	INCREASER/ REDUCER
CB/AD	CATCH BASIN/ AREA DRAIN
ST	SEPTIC TANK
AAV	AIR ADMITTANCE VALVE
CSWS	COMBINED SOIL AND WASTE STACK

CWDF	COLD WATER DOWN FEED
BS	BIDET SPRAY
CWR	COLD WATER RISER
DD	DECK DRAIN
DP	DRAIN PIPE
DS	DOWNSPOUT
EPDR/L	ELEVATOR PIT PIPE DISCHARGE RISER/LINE
FD	FLOOR DRAIN
GD	GUTTER DRAIN
GT	GREASE TRAP
HB	HOSE BIBB
KLAV	KID'S LAVATORY
KS	KITCHEN SINK
KUR	KID'S URINAL

LAV	LAVATORY
PD	PLANTER'S DRAIN
RD	ROOF DRAIN
RED	REDUCER
SHO	SHOWER HEAD
SP	SOIL PIPE
SS	SLOP SINK
UR	URINAL
VS	VENT STACK
VSTD	VENT STACK THRU DECK
VSTR	VENT STACK THRU ROOF
VSTW	VENT STACK THRU WALL
WC	WATER CLOSET
WP	WASTE PIPE

EQUIVALENT PIPE SIZE FOR WATER PIPES

	PIPE SIZES IN MILLIMETERS (mm)							
NOMINAL PIPE SIZE DIAMETER	15	20	25	32	40	50	63	75
POLYPROPYLENE RANDOM (PPR)	20	25	32	40	50	63	75	100
UNPLASTICIZED POLYVINYL CHLORIDE (uPVC)	15	19	25	32	40	50	65	80

PLUMBING FIXTURE CONNECTION SCHEDULE

DESCRIPTION	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

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	JCCS
CHECKED BY:	CDJB
	EJDJ

REVIEWED BY:

RAOL R. CRUCENA
Division Chief III, IDDD-AED

SUBMITTED BY:

ARNELI F. BORLADO
Department Manager III, AED-ADMS

RECOMMEND APPROVAL:

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

APPROVED BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

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CAAP CENTRAL OFFICE
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SHEET CONTENTS

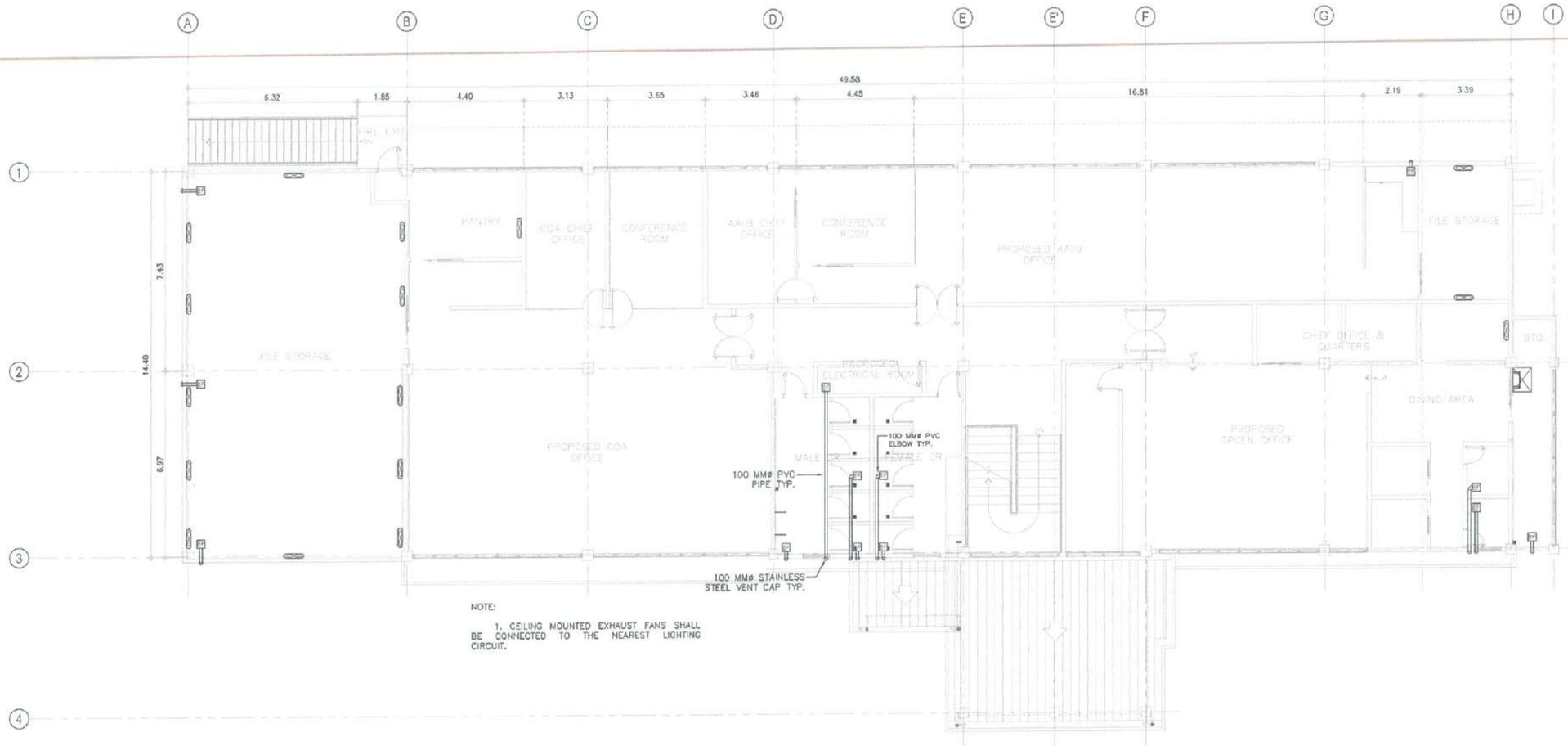
DRAWING SCALE:

SHEET NO: P 001

LEGEND:

EF 12" CEILING MOUNTED EXHAUST FAN

18" WALL FAN



NOTE:

1. CEILING MOUNTED EXHAUST FANS SHALL BE CONNECTED TO THE NEAREST LIGHTING CIRCUIT.

1 SECOND FLOOR VENTILATION LAYOUT

M-06 M-06

SCALE: 1:100 M

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REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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ARNEL F. BORLADO
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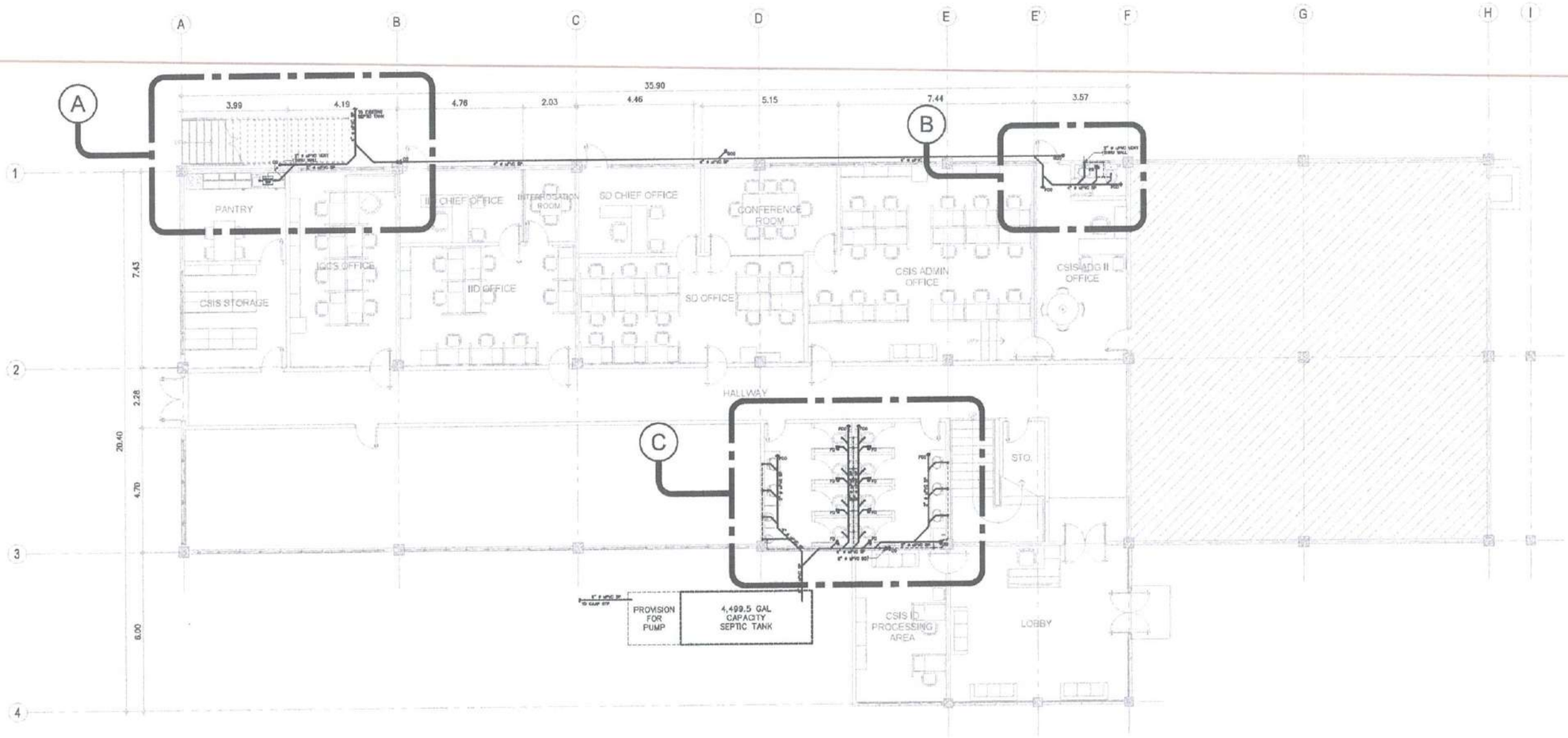
SHEET CONTENTS:

SECOND FLOOR VENTILATION LAYOUT

DRAWING SCALE:	SHEET NO:
AS SHOWN	M - 06
	06



1 P-002P-02 GROUND FLOOR
SEWERLINE SYSTEM PIPING LAYOUT

SCALE: 1:100M

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Director General

NOTES/REVISIONS:

PROJECT:

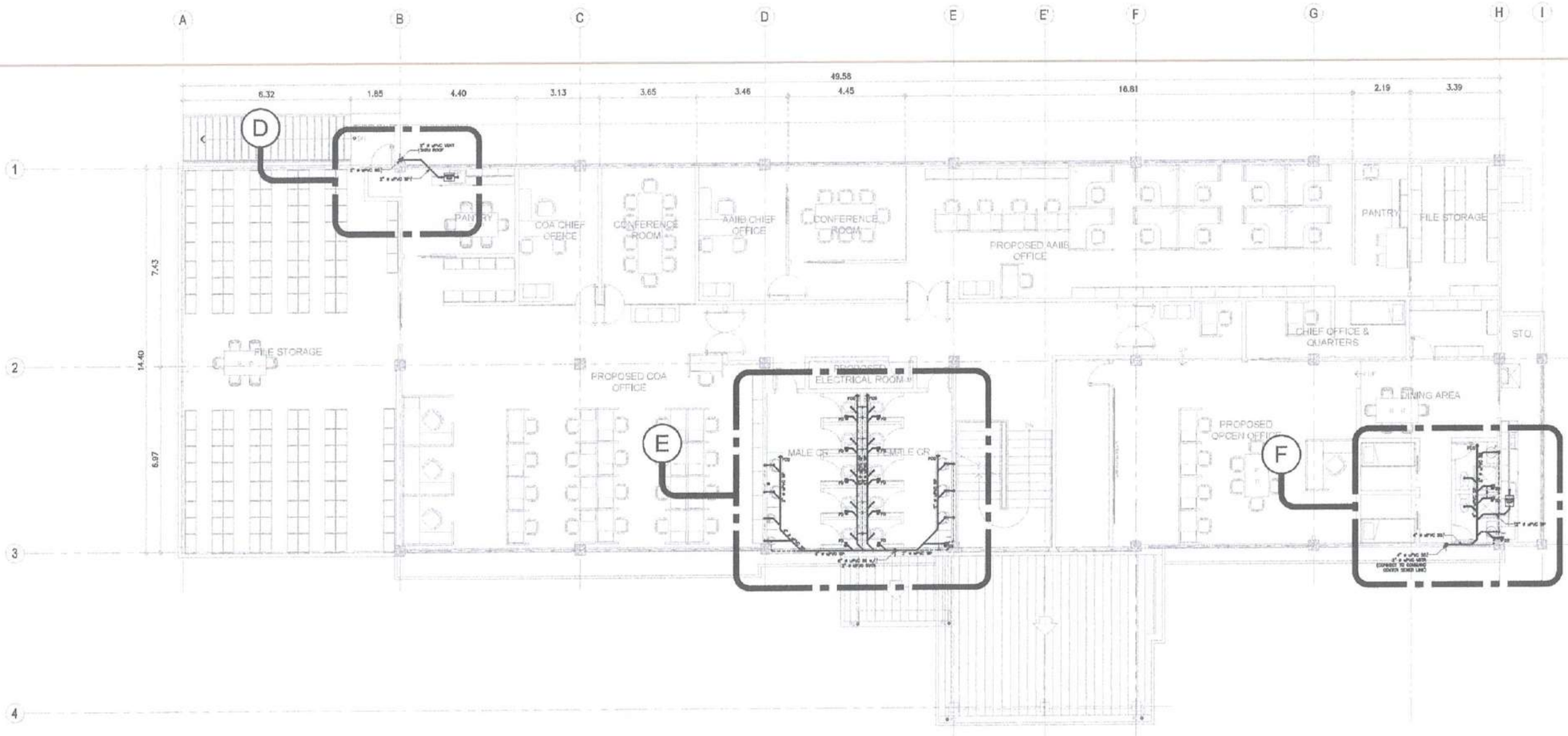
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:	
	P	002



1 SECOND FLOOR
SEWERLINE SYSTEM PIPING LAYOUT
P-03 P-03 SCALE: 1:100M

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	JCCS
CHECKED BY:	CDJB
	EJDJ

REVIEWED BY:
RAUL R. CAUCENA
Division Chief III, DDD-AED

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 BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

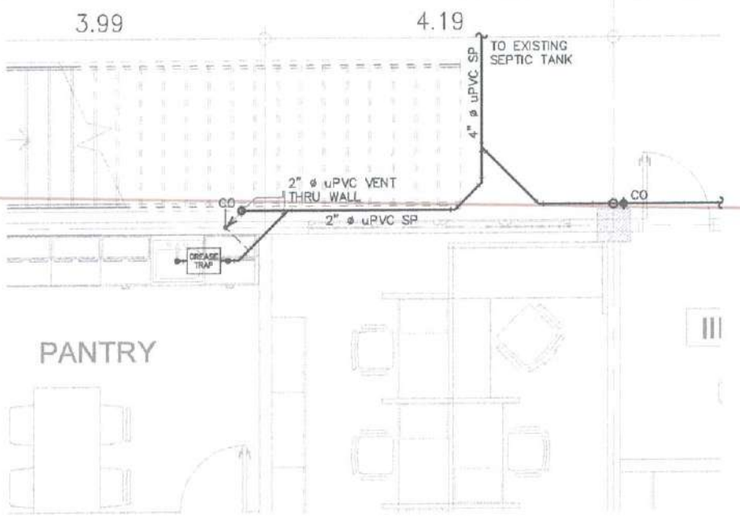
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

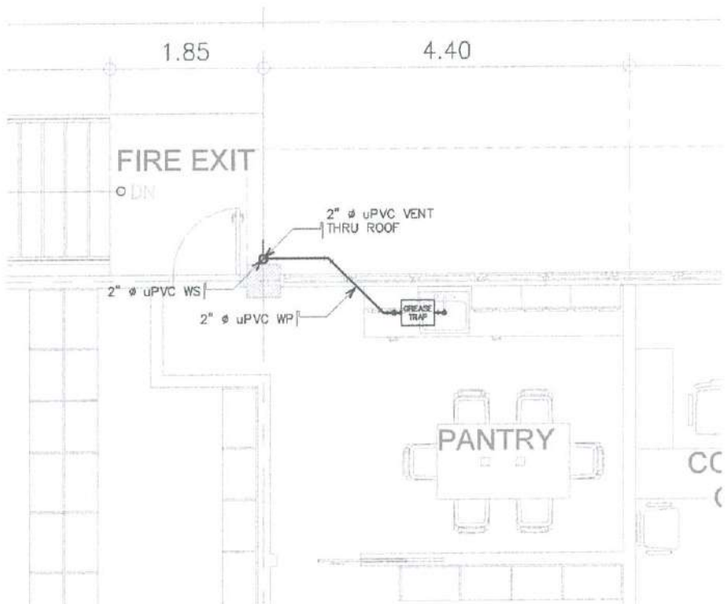
LOCATION:
CAAP CENTRAL OFFICE
NAIA RD, COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

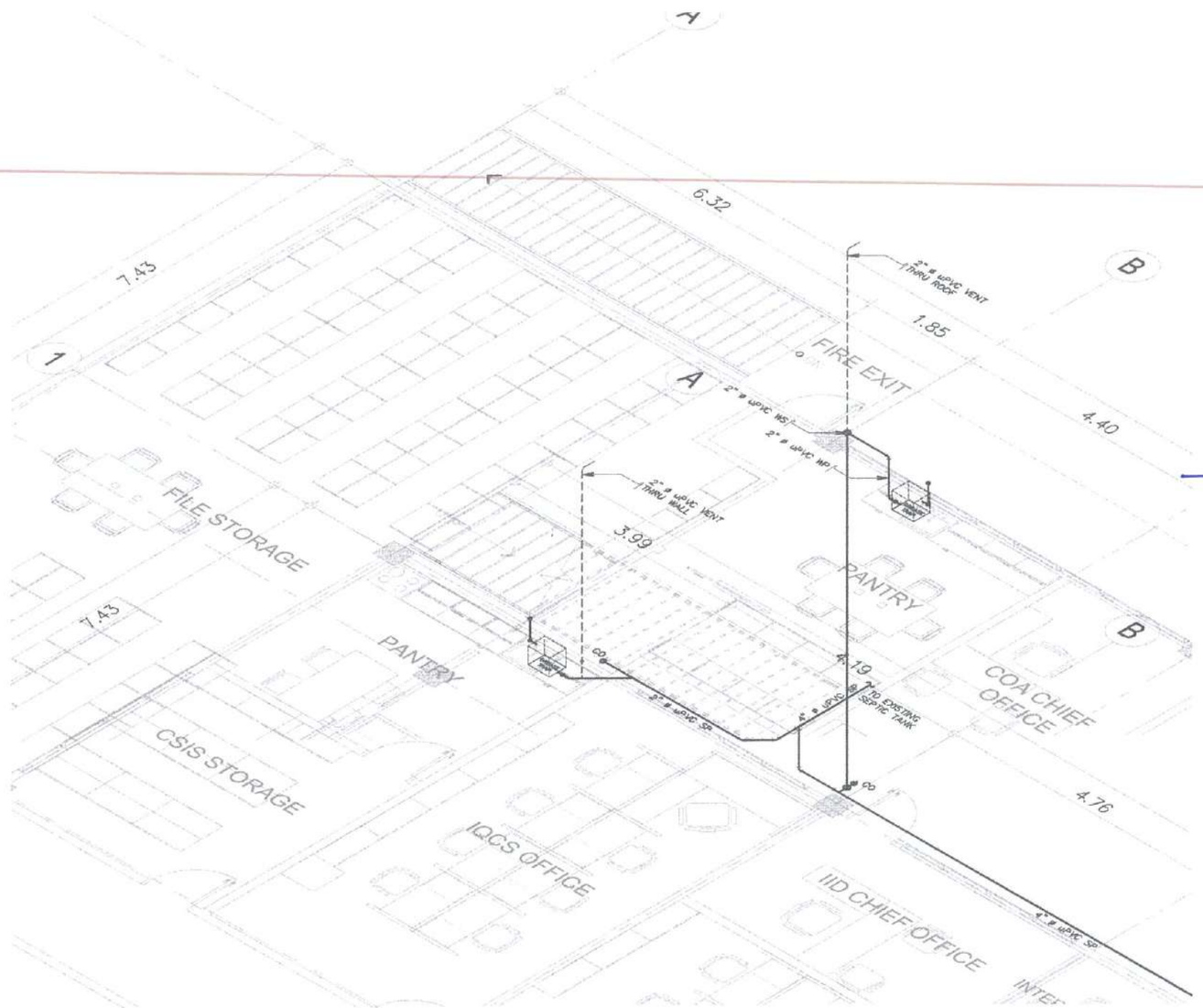
DRAWING SCALE:	SHEET NO:	
	P	003



1 BLOW-UP 'A'
ENLARGED SEWERLINE SYSTEM
P-02 P-04 SCALE: 1:40M



2 BLOW-UP 'D'
ENLARGED SEWERLINE SYSTEM
P-03 P-04 SCALE: 1:40M



3 BLOW-UP 'C' & 'E'
ISOMETRIC VIEW
P-04 P-04 SCALE: 1:40M

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	JCCS
CHECKED BY:	CDJB
	EJDJ

REVIEWED BY:
RAUL R. CRUCENA
Division Chief II, IDDD-AED

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 BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

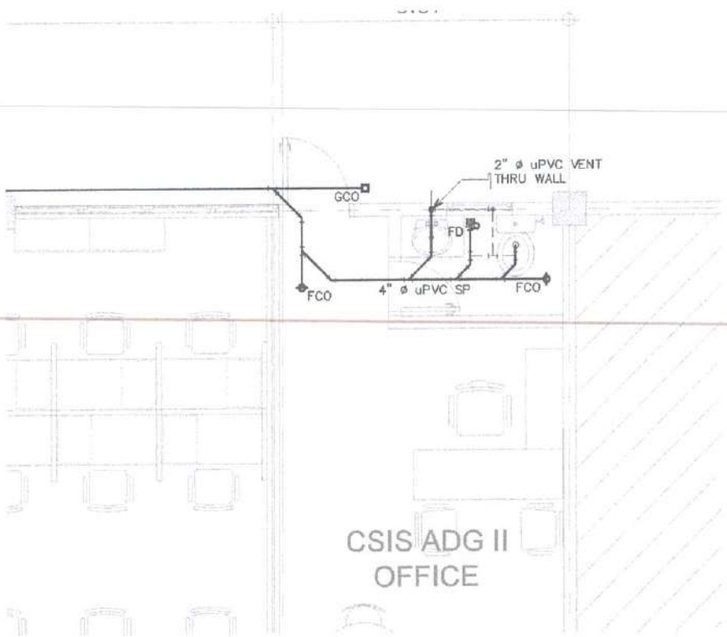
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

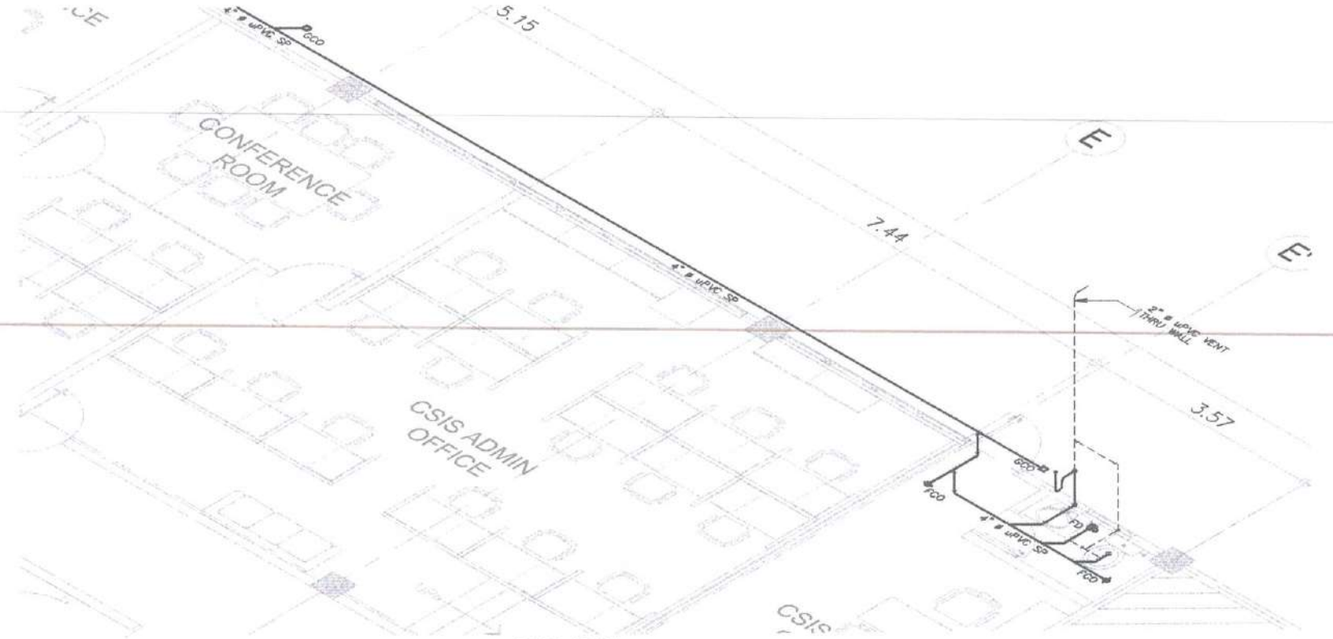
LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

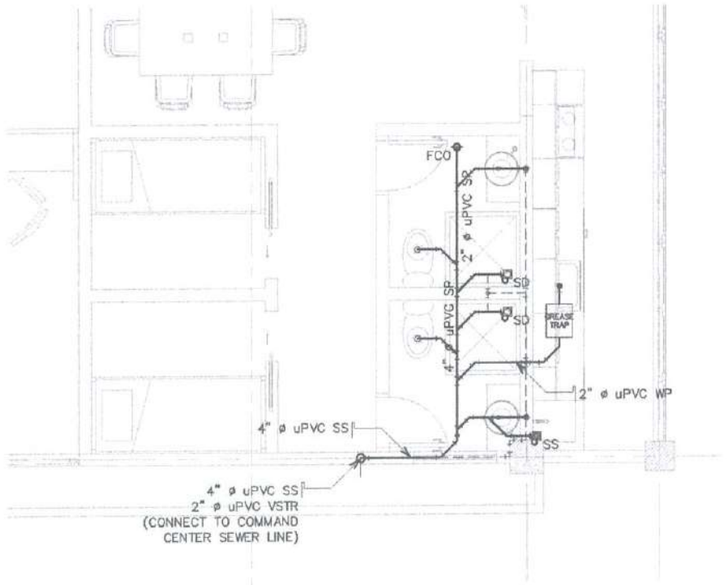
DRAWING SCALE:	SHEET NO:	
	P	004



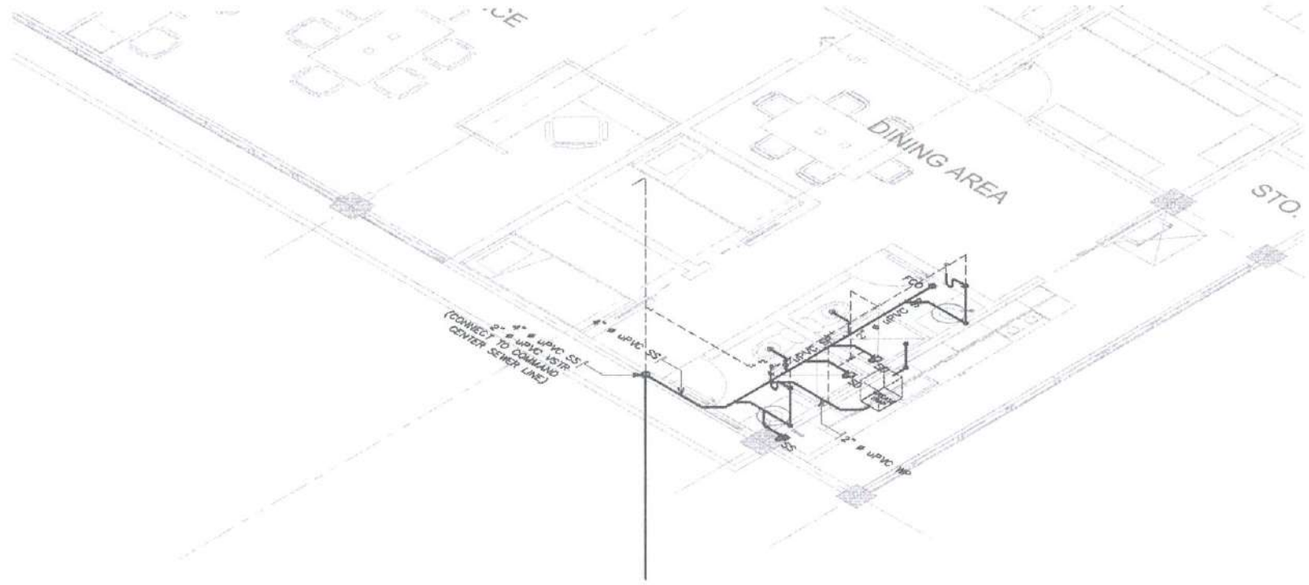
BLOW-UP 'B'
1 ENLARGED SEWERLINE SYSTEM
P-02 P-05 SCALE: 1:40M



BLOW-UP 'B'
3 ISOMETRIC VIEW
P-06 P-05 SCALE: 1:40M



BLOW-UP 'F'
2 ENLARGED SEWERLINE SYSTEM
P-02 P-05 SCALE: 1:40M



BLOW-UP 'F'
4 ISOMETRIC VIEW
P-06 P-05 SCALE: 1:40M

REPUBLIC OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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Division Chief III, IDDD-AED

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 BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

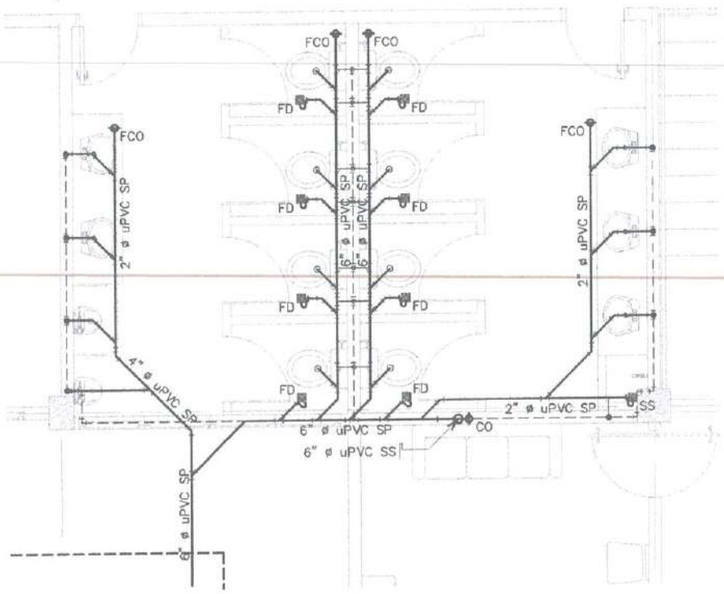
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

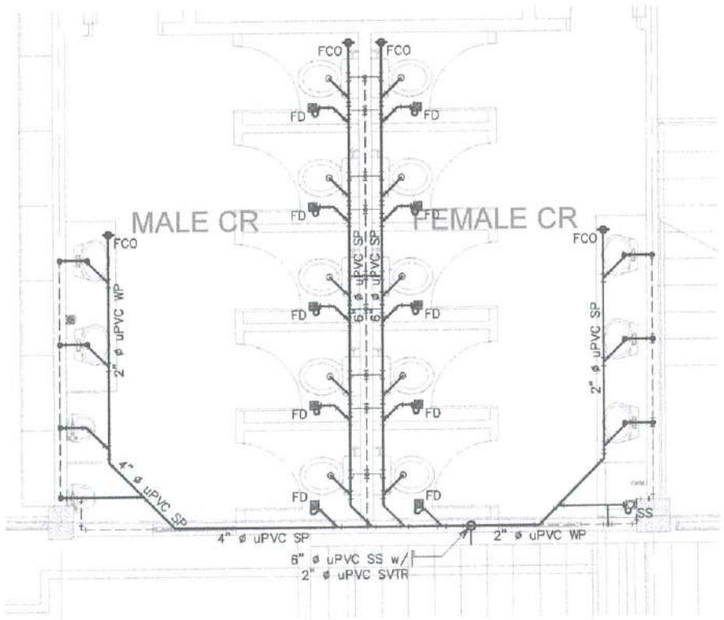
LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

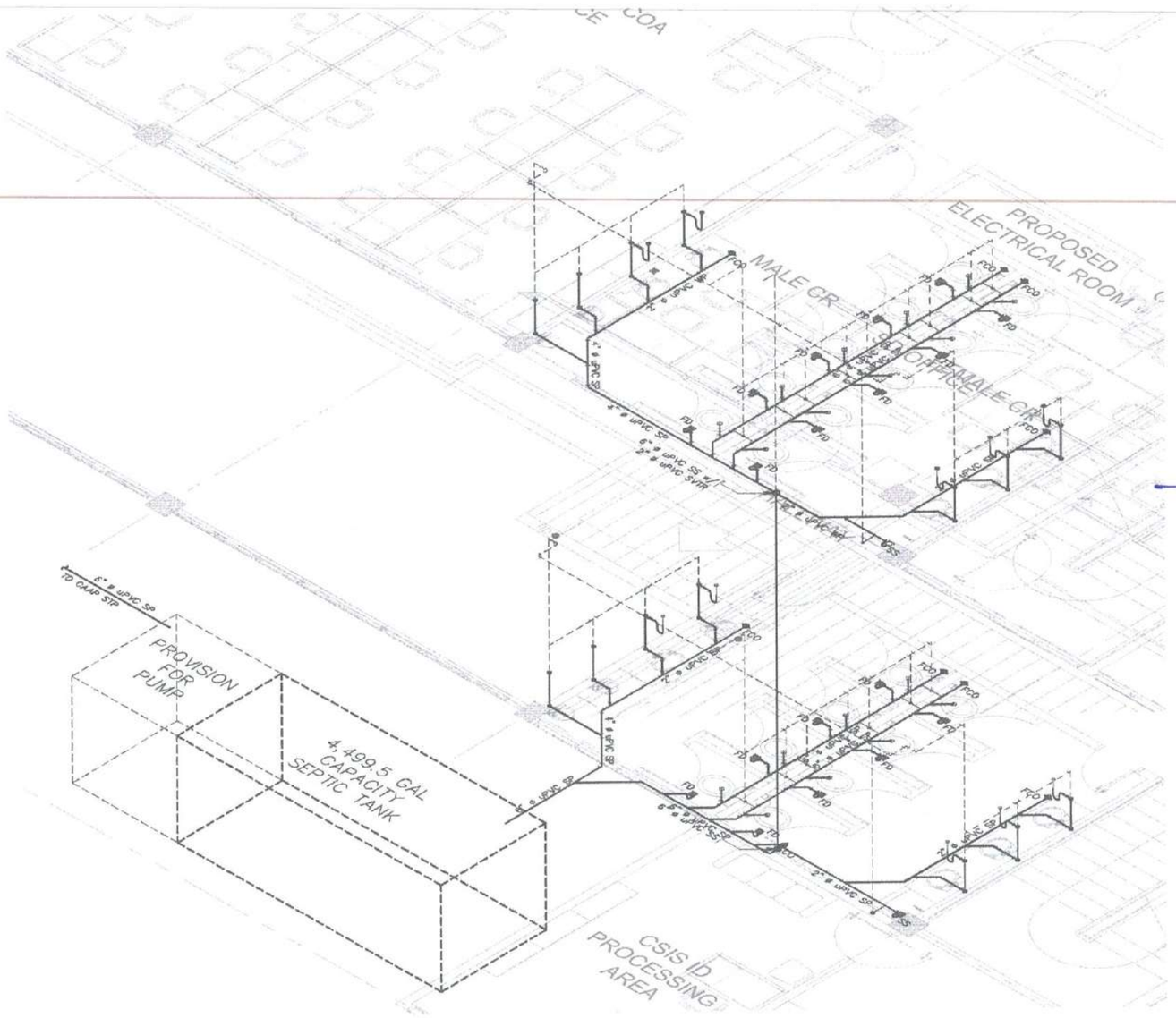
DRAWING SCALE:	SHEET NO:	
	P	005



1 BLOW-UP 'C'
ENLARGED SEWERLINE SYSTEM
P-02 P-06 SCALE: 1:40M



2 BLOW-UP 'E'
ENLARGED SEWERLINE SYSTEM
P-02 P-06 SCALE: 1:40M



3 BLOW-UP 'C' & 'E'
ISOMETRIC VIEW
P-06 P-06 SCALE: 1:40M

BAGONG PILIPINAS

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	JCCS
CHECKED BY:	CDJB
	EJDJ

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:
CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

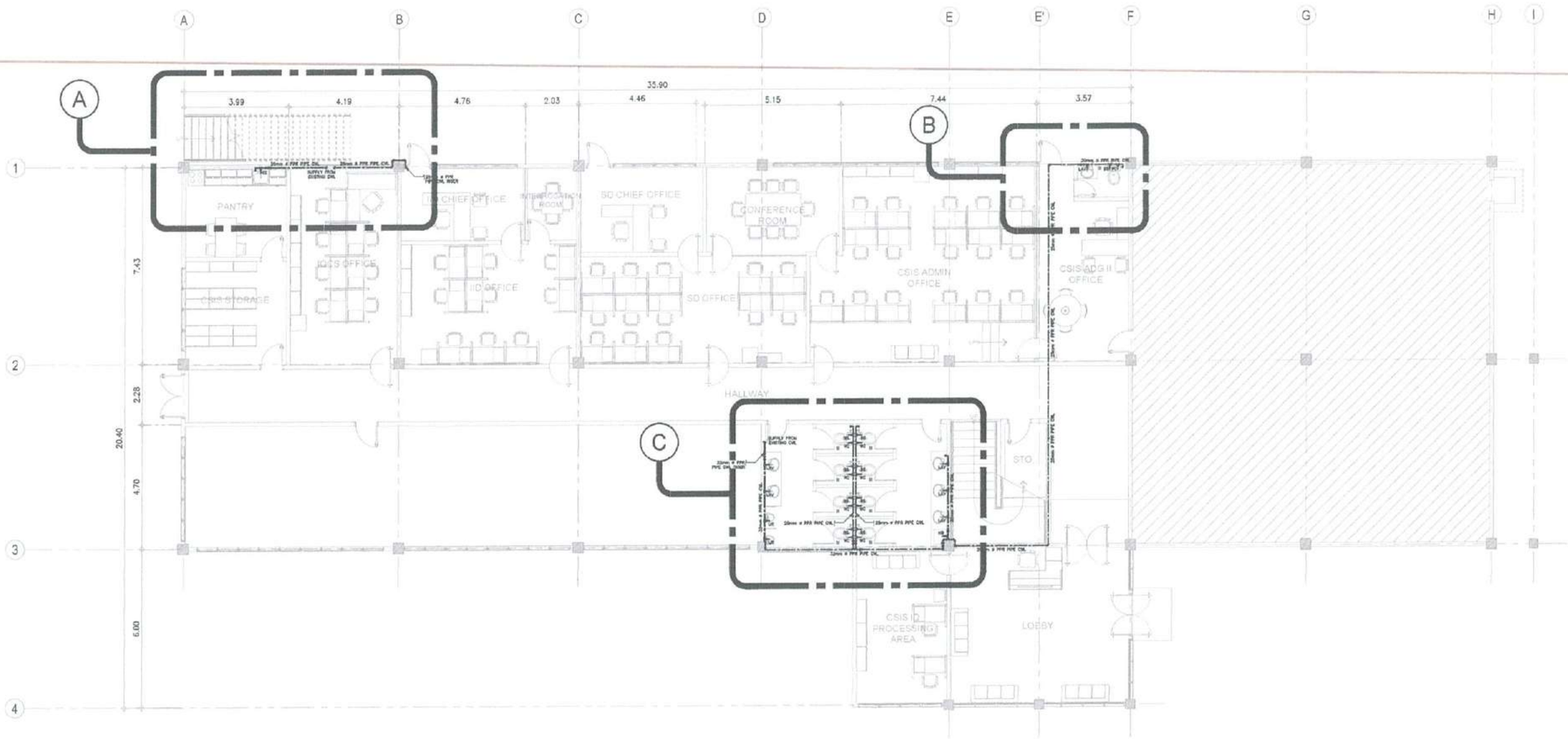
NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:	
	P	006



GROUND FLOOR
COLD WATER LINE PIPING LAYOUT

1 (P-07 / P-07)

SCALE: 1:100M

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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	JCCS
CHECKED BY	CDJB
	EJDJ

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

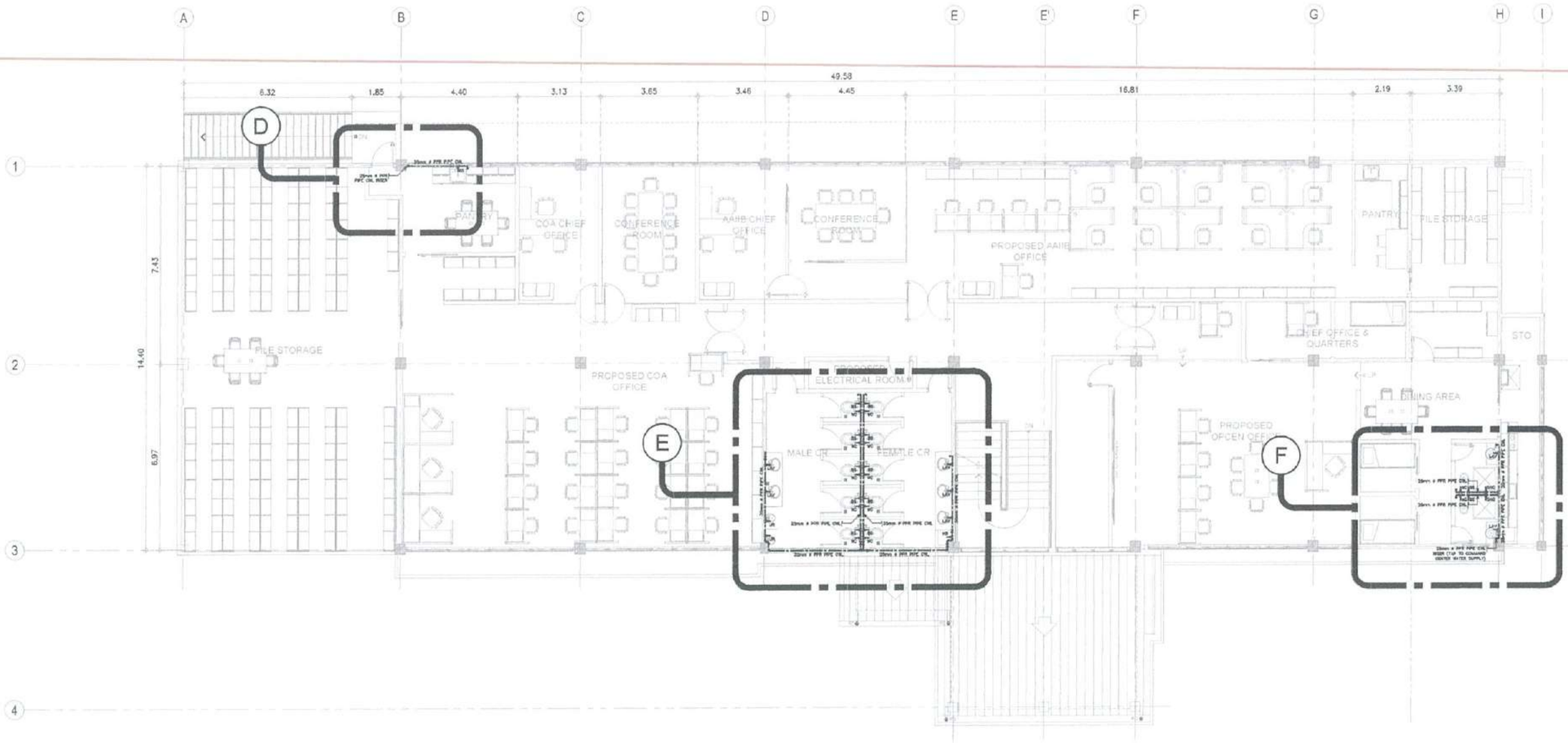
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:	
	P	007



1 SECOND FLOOR
COLD WATER LINE PIPING LAYOUT
P-08 P-06 SCALE: 1:100M

REPUBLIC OF THE PHILIPPINES

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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

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DESIGNED BY:	IDDD
DRAWN BY:	JCCS
CHECKED BY:	CDJB
	EJDJ

REVIEWED BY:

RAUL R. CRUCENA
Division Chief II, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:	
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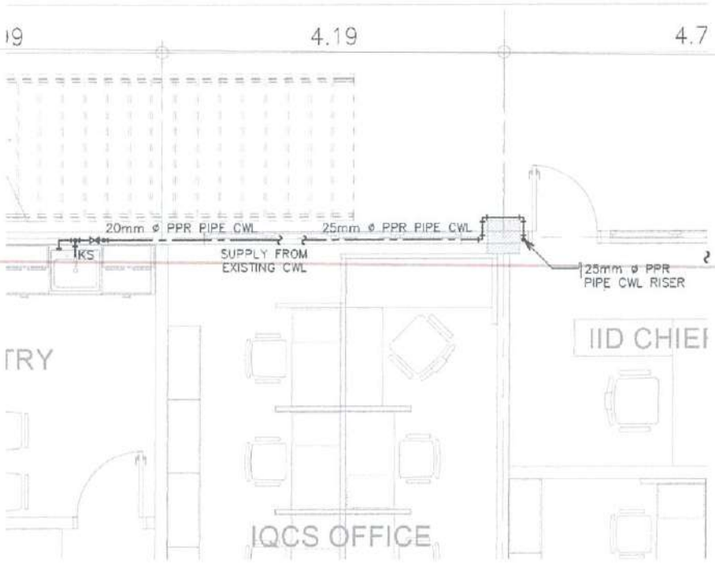
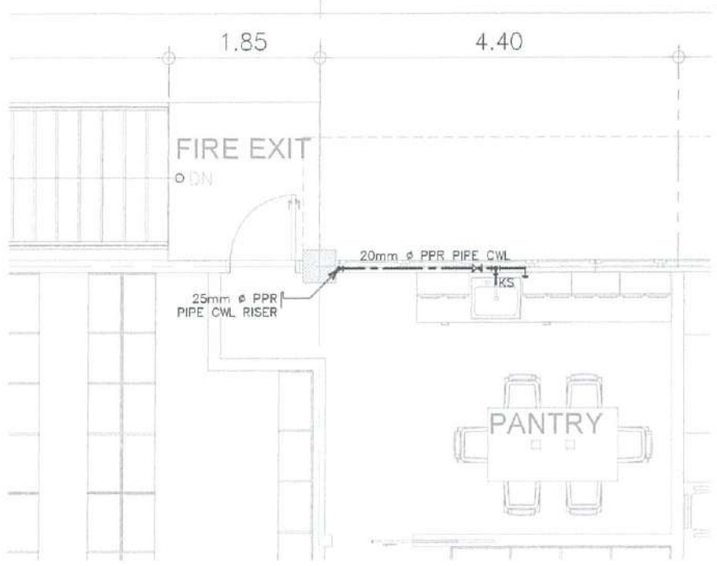
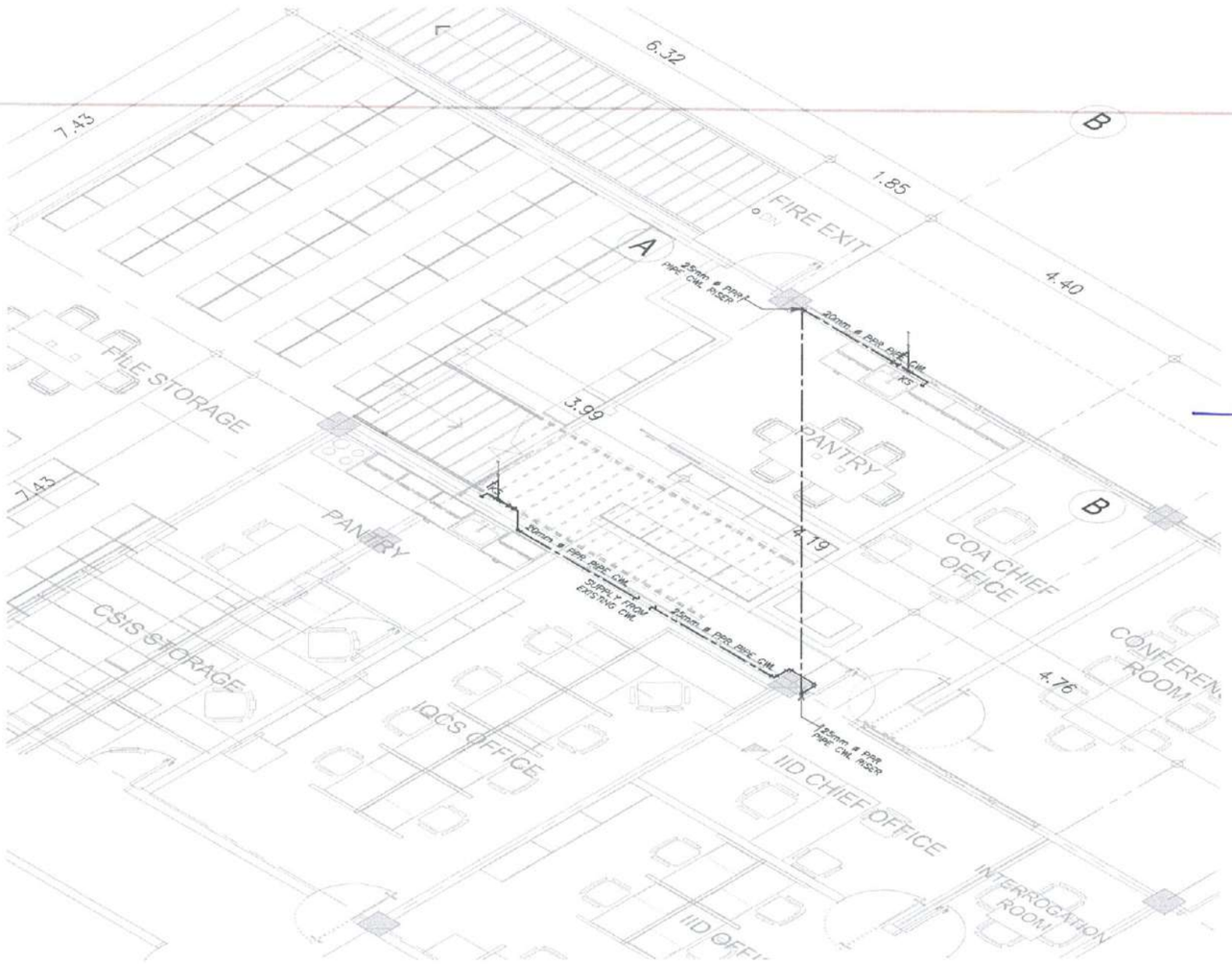


BLOW-UP 'A'
1 ENLARGED COLD WATER LINE LAYOUT
P-07 P-08 SCALE: 1: 40M



BLOW-UP 'D'
2 ENLARGED COLD WATER LINE LAYOUT
P-08 P-09 SCALE: 1: 40M



BLOW-UP 'C' & 'E'
3 ISOMETRIC VIEW
P-06 P-07 SCALE: 1: 40M

REPUBLIC OF THE PHILIPPINES

CIVIL AVIATION AUTHORITY OF THE PHILIPPINES
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:	JCCS
CHECKED BY:	CDJB
	EJDJ

REVIEWED BY:
RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:
CAPTAIN MANUEL FRANKLIN E. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:
IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:
CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS

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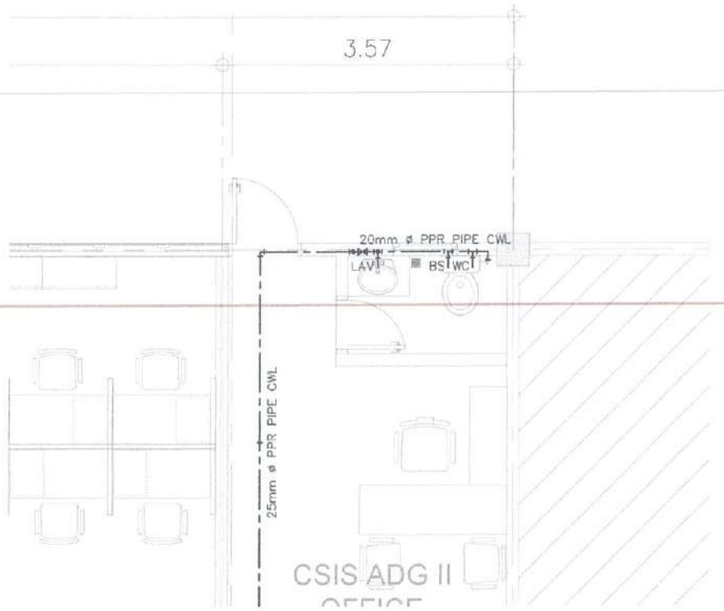
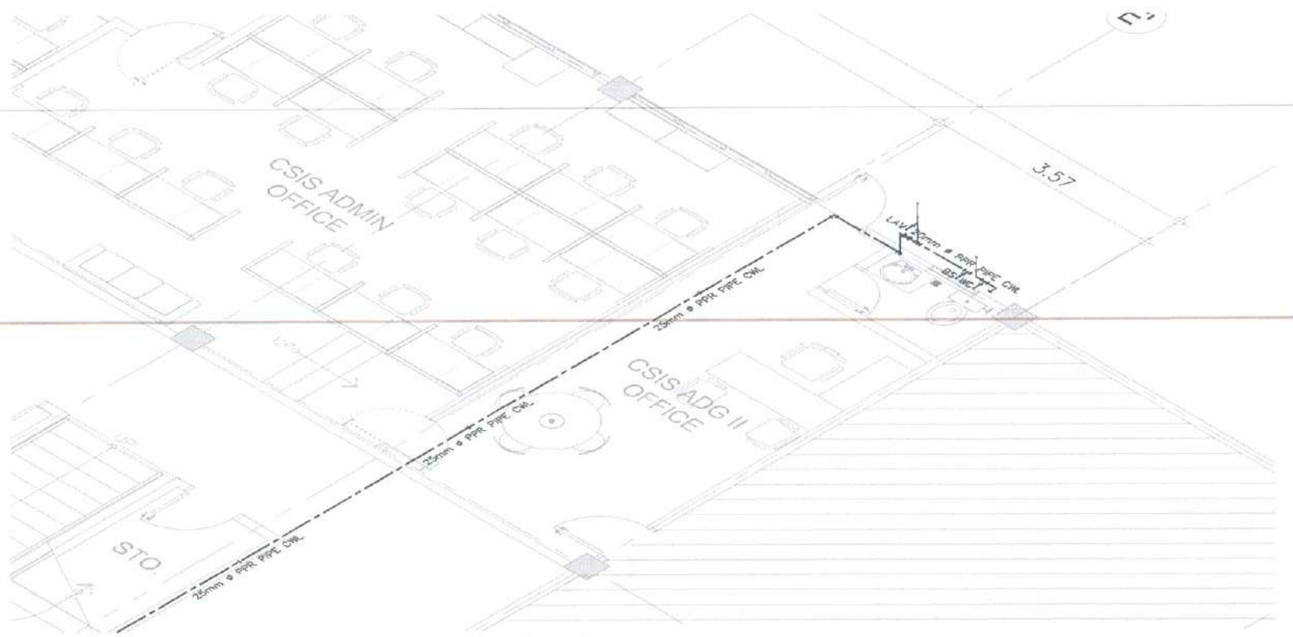
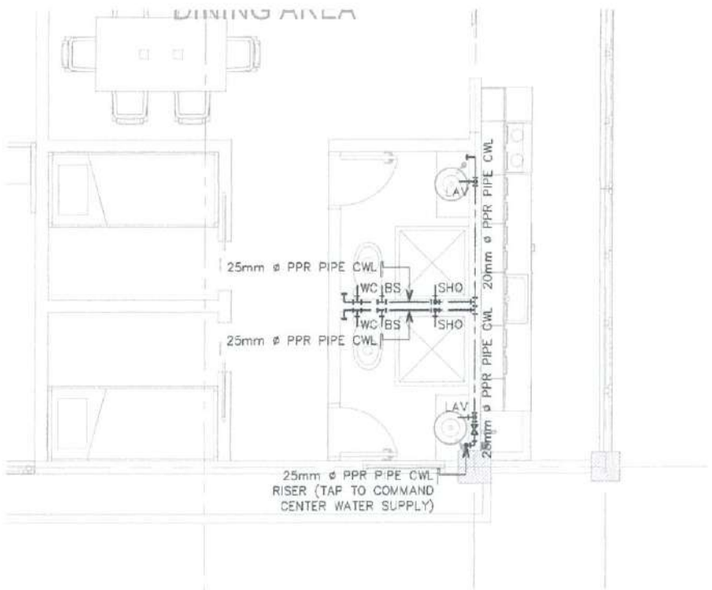


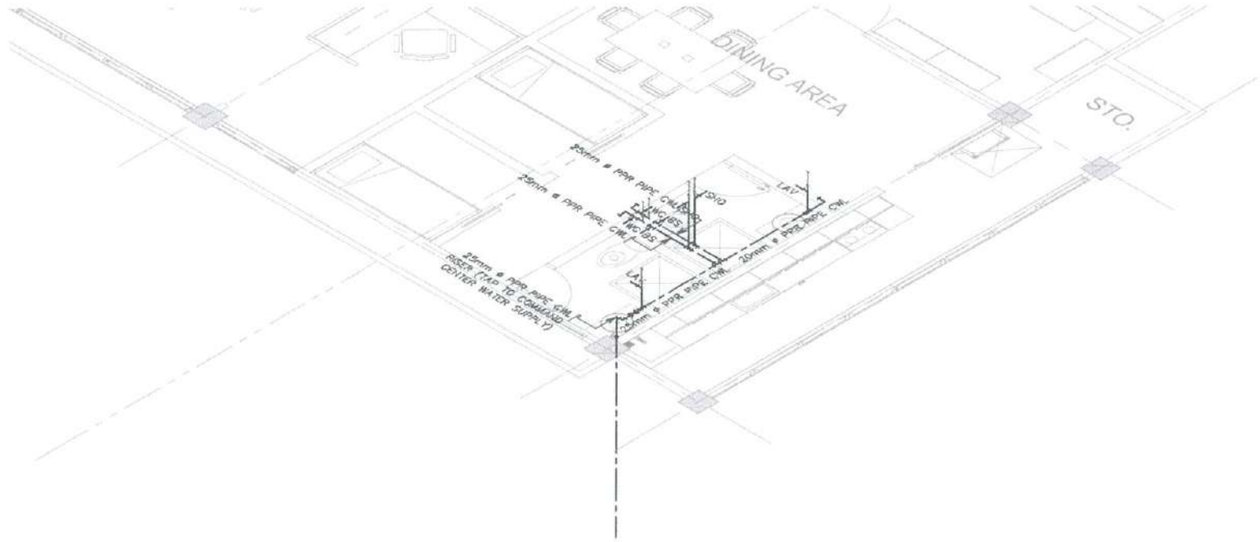
BLOW-UP 'B'
1 ENLARGED COLD WATER LINE LAYOUT
P-07 P-10 SCALE: 1: 40M



BLOW-UP 'B'
3 ISOMETRIC VIEW
P-10 P-10 SCALE: 1: 40M



BLOW-UP 'F'
2 ENLARGED COLD WATER LINE LAYOUT
P-08 P-10 SCALE: 1: 40M



BLOW-UP 'F'
4 ISOMETRIC VIEW
P-10 P-10 SCALE: 1: 40M

REPUBLIC OF THE PHILIPPINES

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN [illegible] ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:	
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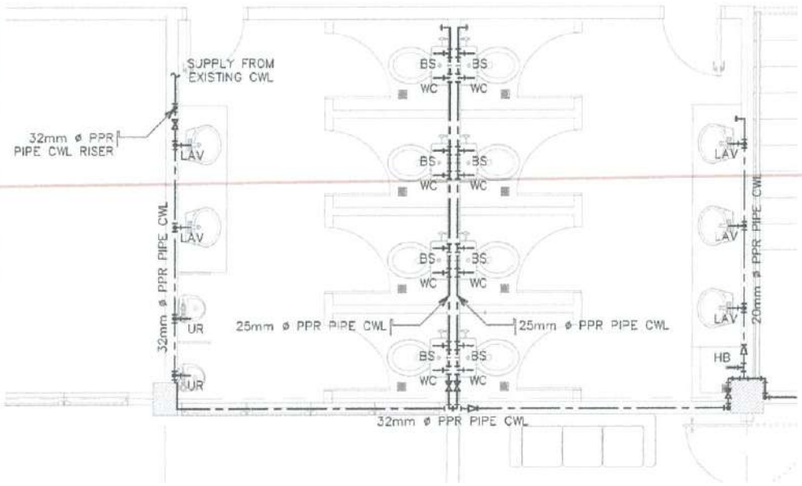
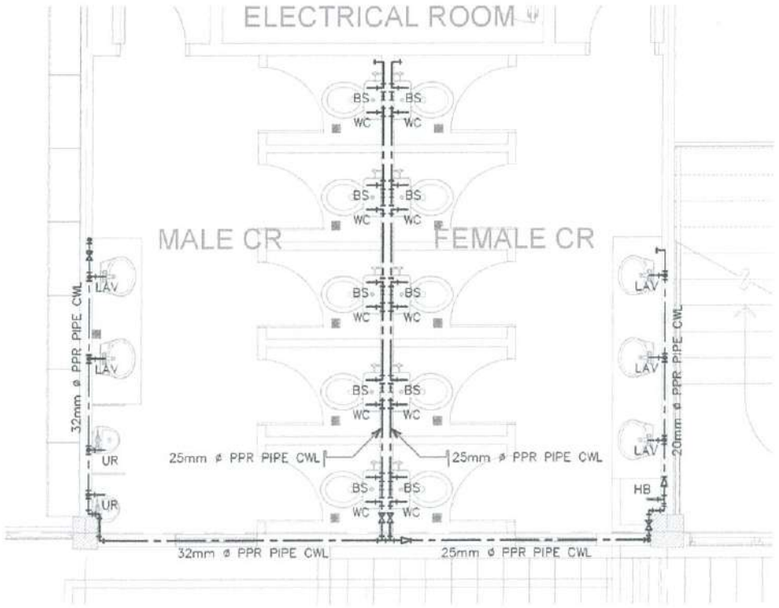


BLOW-UP 'C'
1 ENLARGED COLD WATER LINE LAYOUT
P-07 P-11
SCALE: 1: 40M



BLOW-UP 'E'
2 ENLARGED COLD WATER LINE LAYOUT
P-05 P-11
SCALE: 1: 40M

BLOW-UP 'C' & 'E'
3 ISOMETRIC VIEW
P-11 P-11
SCALE: 1: 40M

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Assistant Director General II, ADMS

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Director General

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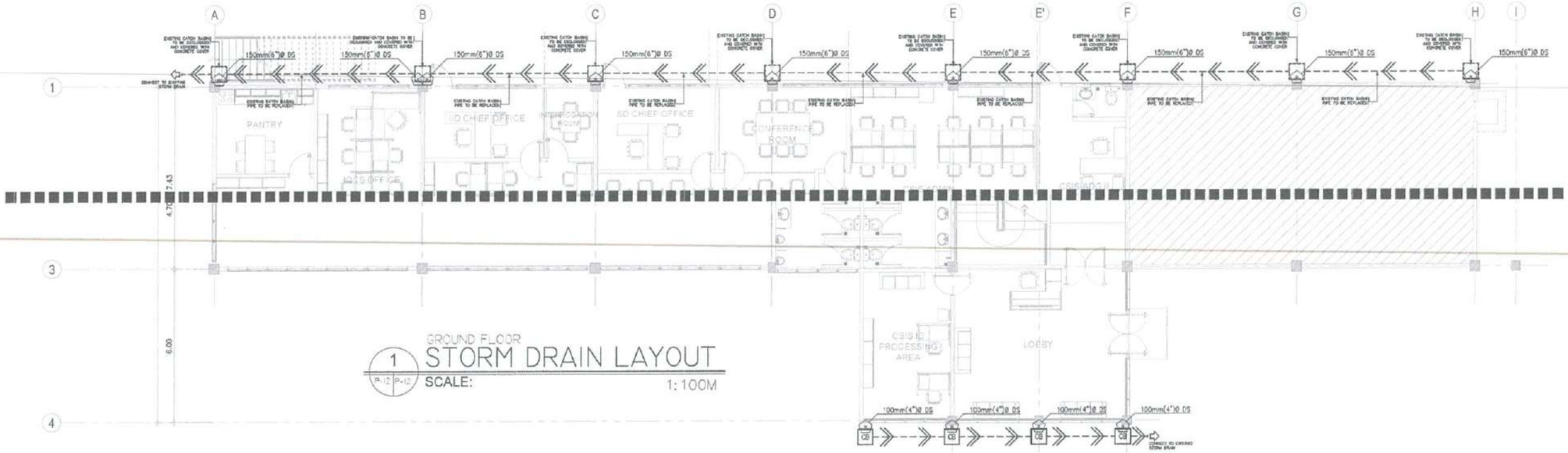
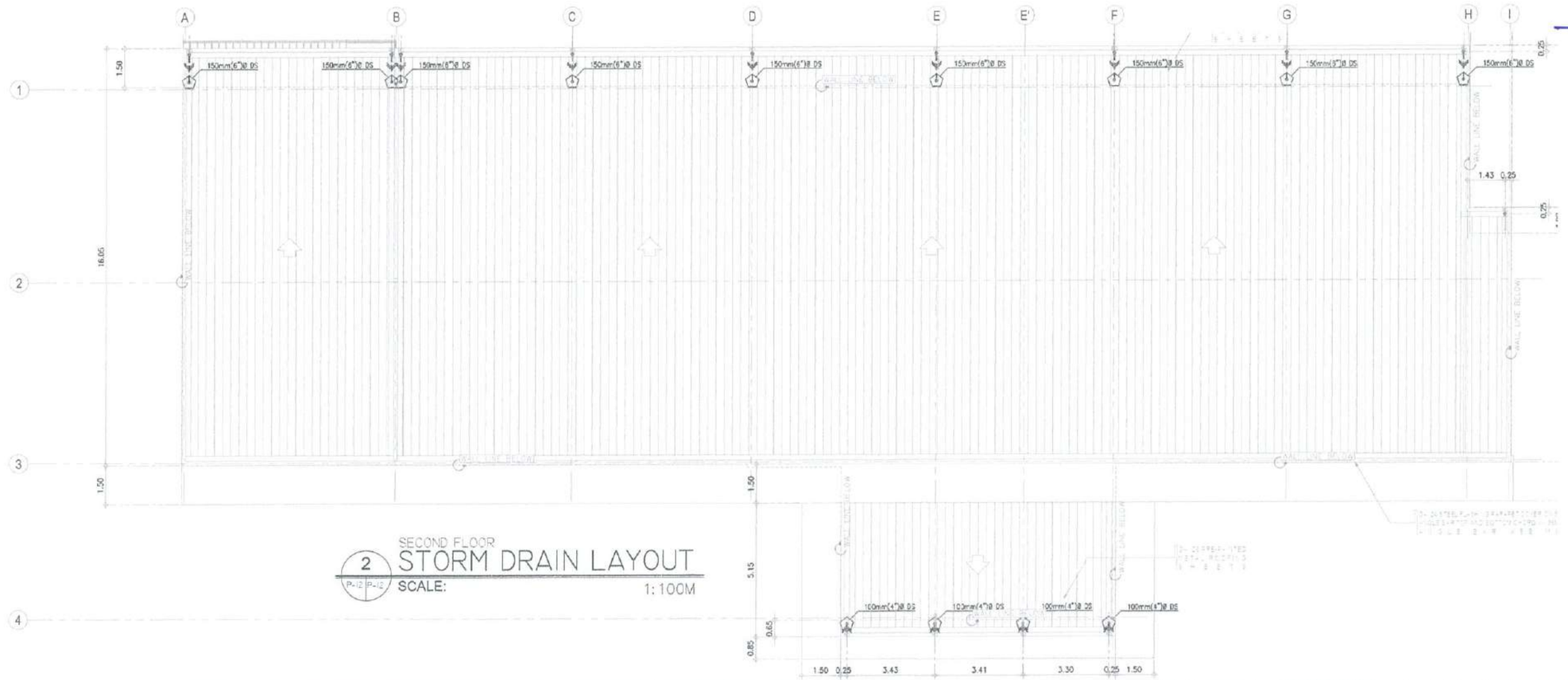
SHEET CONTENTS:

DRAWING SCALE:	SHEET NO:
	P 011



1 GROUND FLOOR
STORM DRAIN LAYOUT
P-12 P-12 SCALE: 1:100M



2 SECOND FLOOR
STORM DRAIN LAYOUT
P-12 P-12 SCALE: 1:100M

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	JCCS
CHECKED BY:	CDJB
	EJDJ

REVIEWED BY:

RAUL R. CRUCENA
Division Chief III, IDDD-AED

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 BY:

CAPTAIN MANUEL ANTONIO L. TAMAYO
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF AIRWAYS FACILITY COMPLEX BUILDING

LOCATION:

CAAP CENTRAL OFFICE
NAIA RD. COR. N. AQUINO AVENUE, PASAY CITY

SHEET CONTENTS:

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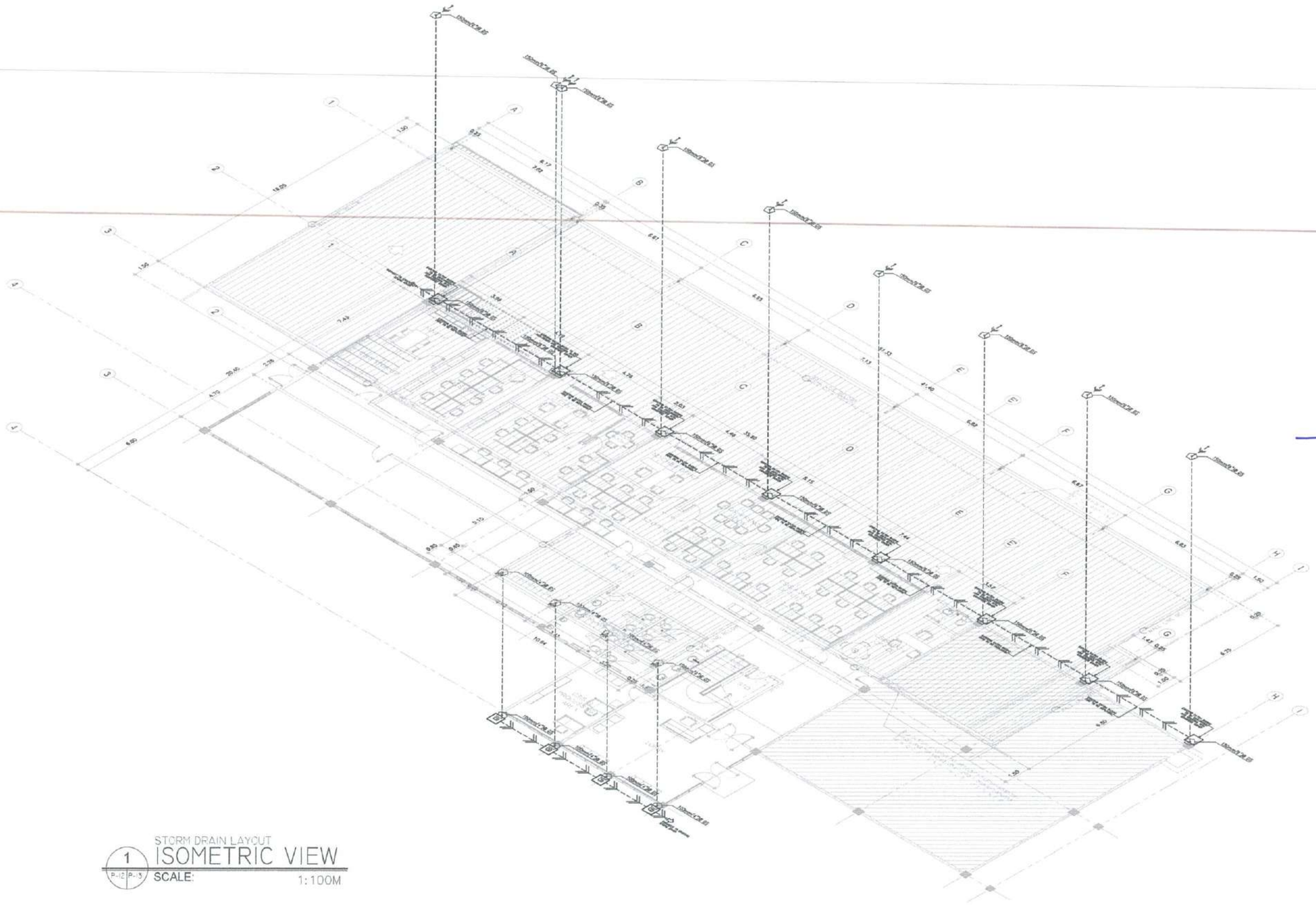

STORM DRAIN LAYOUT
1 P-12 P-13
ISOMETRIC VIEW
SCALE: 1:100M

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SHEET CONTENTS

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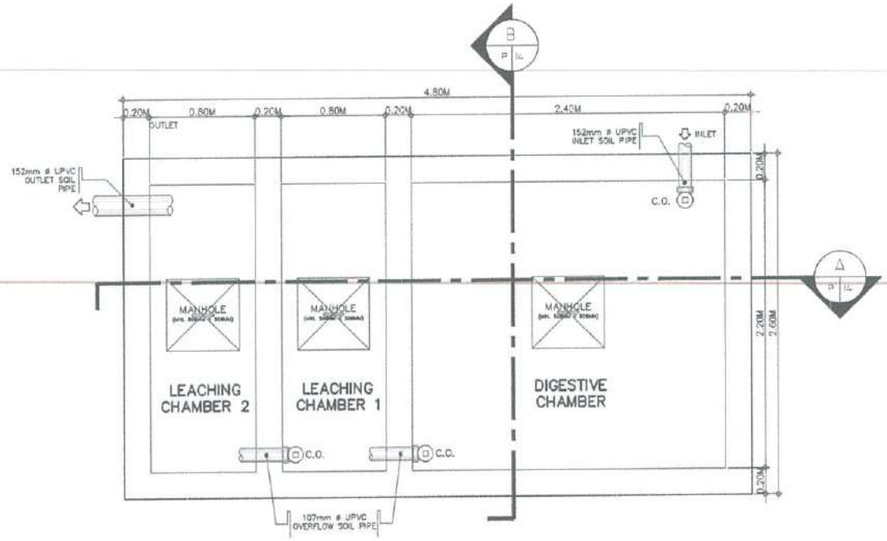
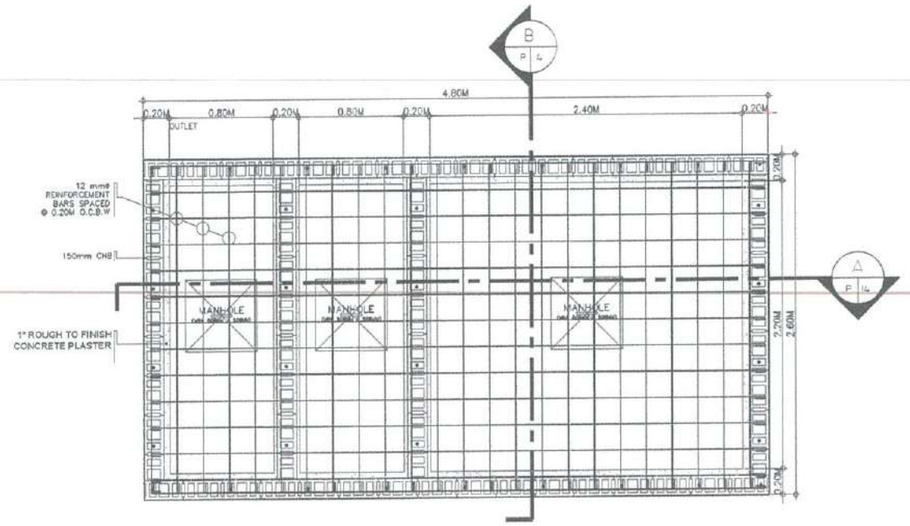
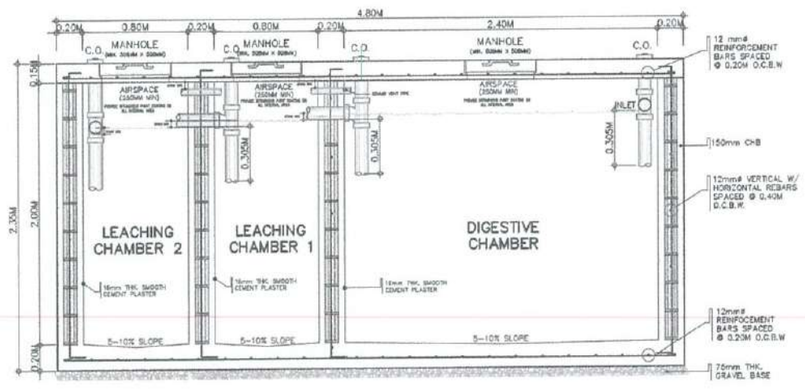


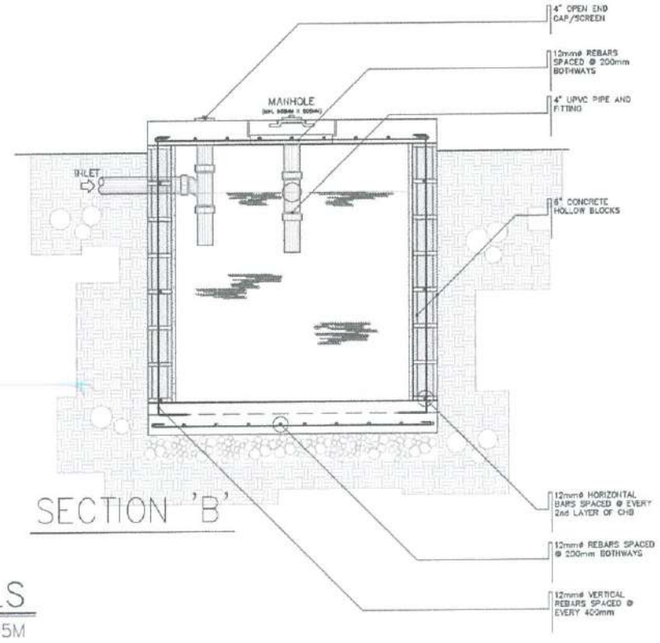
PLAN



STRUCTURAL PLAN



SECTION 'A'



SECTION 'B'

1 P-14 P-14 SEPTIC TANK DETAILS

SCALE: 1:25M

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