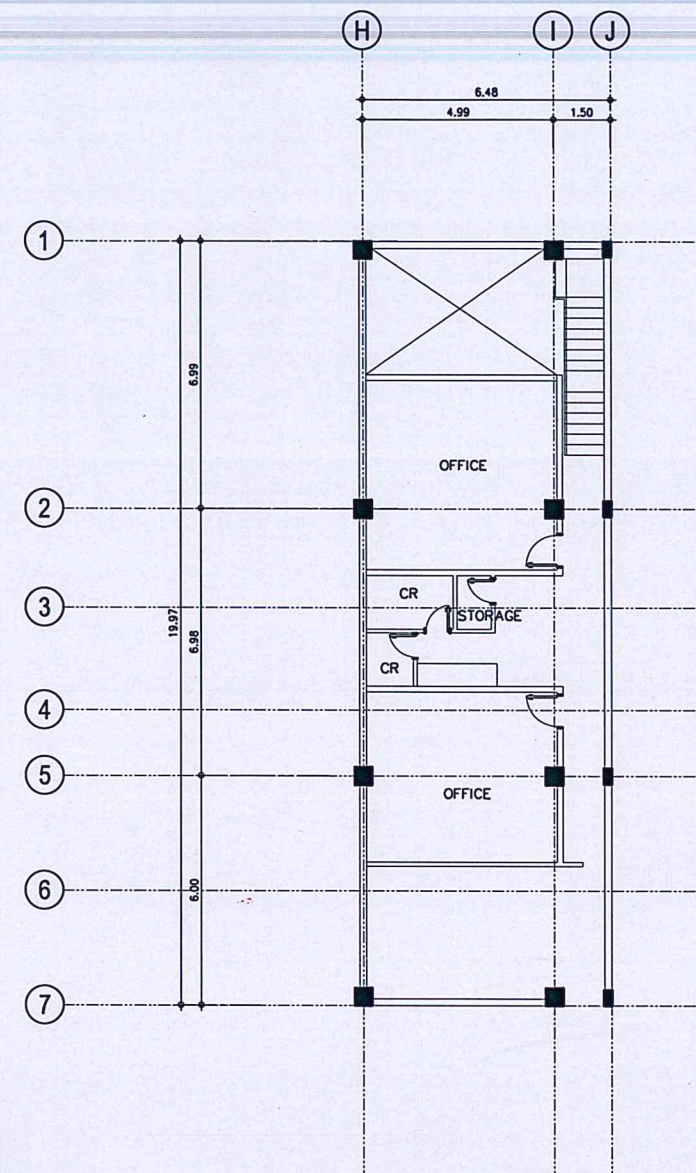


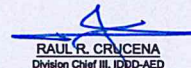





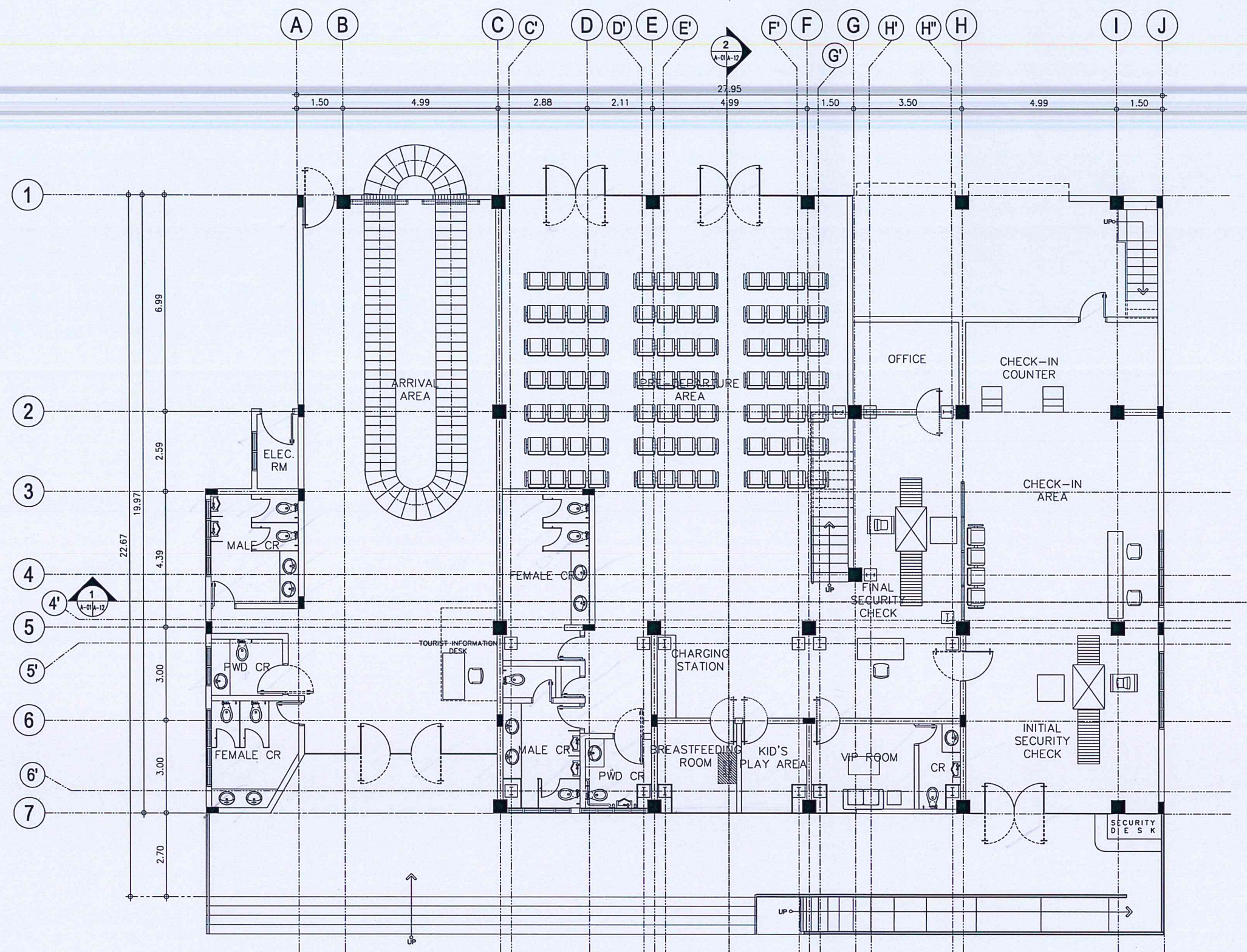
1 EXISTING GROUND FLOOR PLAN  
A-03/A-03 SCALE: 1 : 100 M









2 EXISTING SECOND FLOOR PLAN  
A-03/A-03 SCALE: 1 : 100 M

 	
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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION	
DESIGN STAFF:	INITIAL / DATE
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DRAWN BY:	IDDD <i>[Signature]</i>
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REVIEWED BY:	
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APPROVED BY:	
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NOTES/REVISIONS:	
PROJECT:	
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT	
LOCATION:	
CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS:	
• EXISTING GROUND FLOOR PLAN • EXISTING SECOND FLOOR PLAN	
DRAWING SCALE:	SHEET NO:
1 : 100 M	A

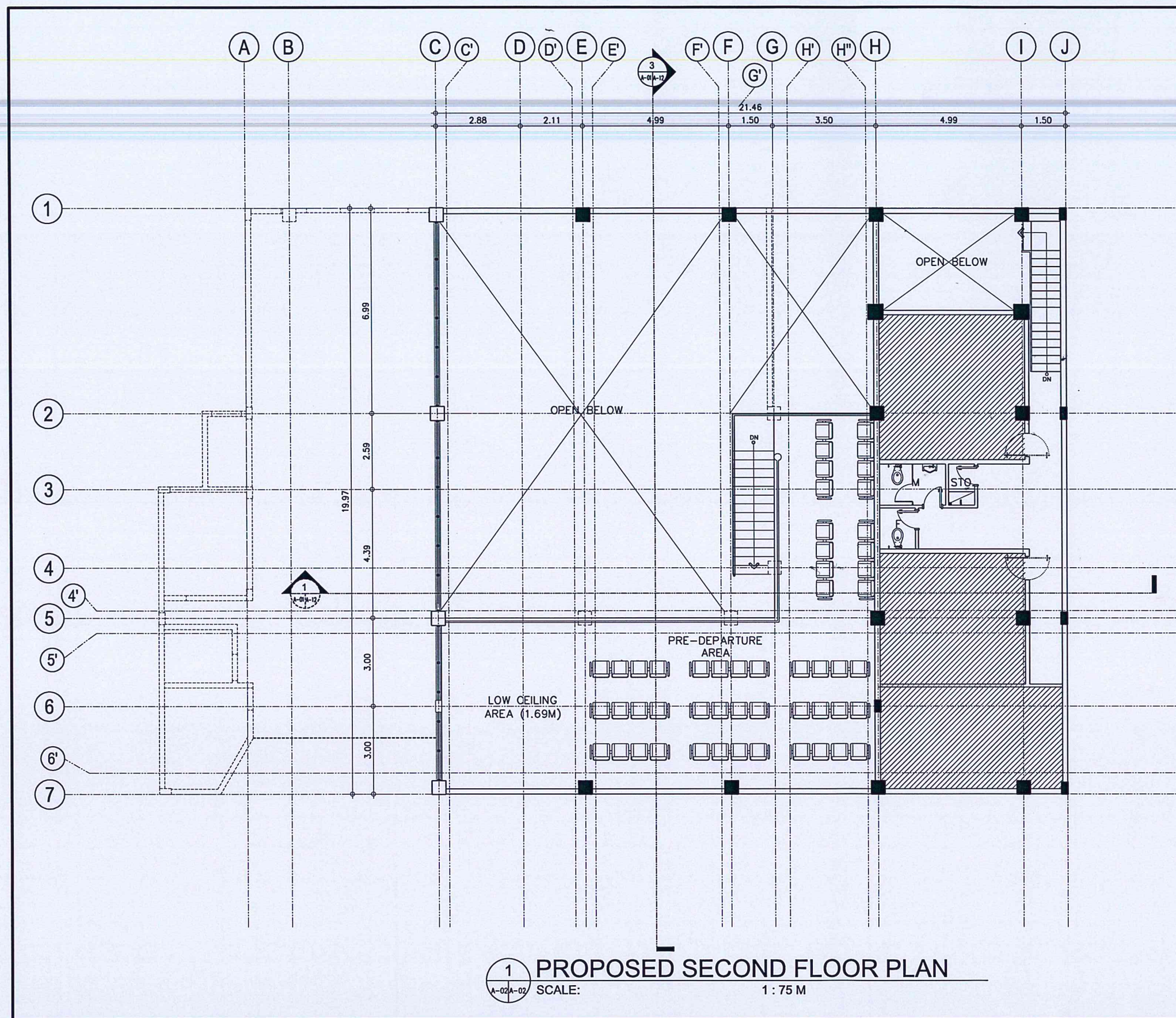




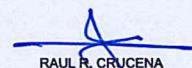





**1 PROPOSED GROUND FLOOR PLAN**  
 SCALE: 1 : 75 M

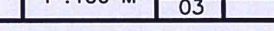
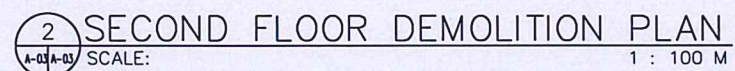
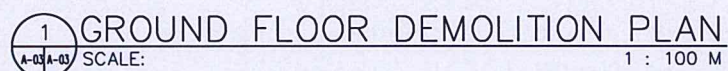
 	
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INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION	
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DESIGNED BY:	IDDD <i>[Signature]</i>
DRAWN BY:	IDDD <i>[Signature]</i>
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NOTES/REVISIONS:	
PROJECT:	
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT	
LOCATION:	
CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS:	
• GROUND FLOOR PLAN	
DRAWING SCALE:	SHEET NO:
1 : 75 M	A 01





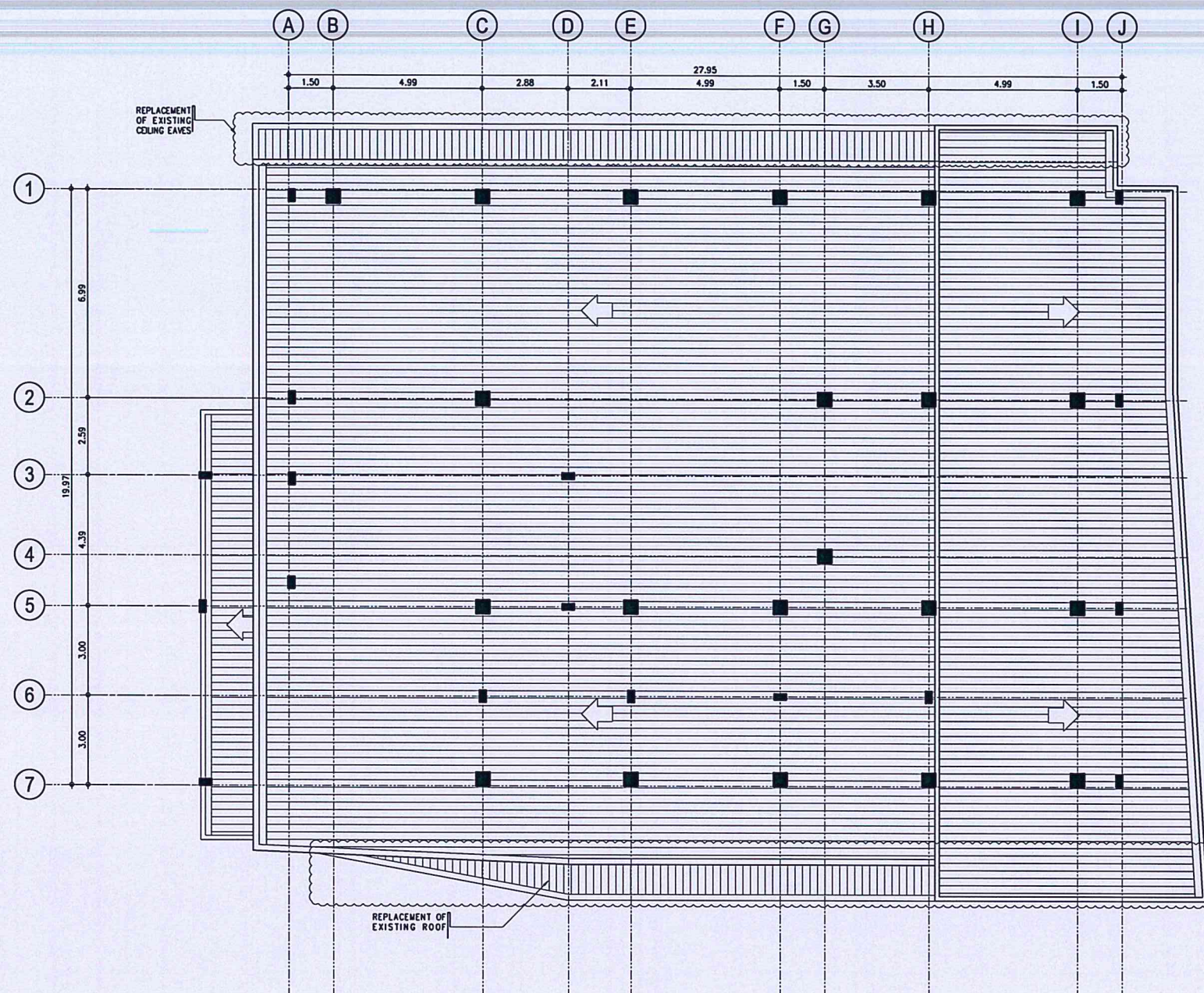
 	
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DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD <i>[Signature]</i>
DRAWN BY:	IDDD <i>[Signature]</i>
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PROJECT:	
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT	
LOCATION:	
CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS:	
• SECOND FLOOR PLAN	
DRAWING SCALE:	SHEET NO:
1 : 75 M	A 02





03	
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1 ROOF DEMOLITION PLAN  
A-04/A-04 SCALE: 1 : 100 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE  
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Director General

NOTES/REVISIONS:

PROJECT:  
IMPROVEMENT/REHABILITATION  
OF PASSENGER TERMINAL  
BUILDING AT CATARMAN  
AIRPORT

LOCATION:

CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

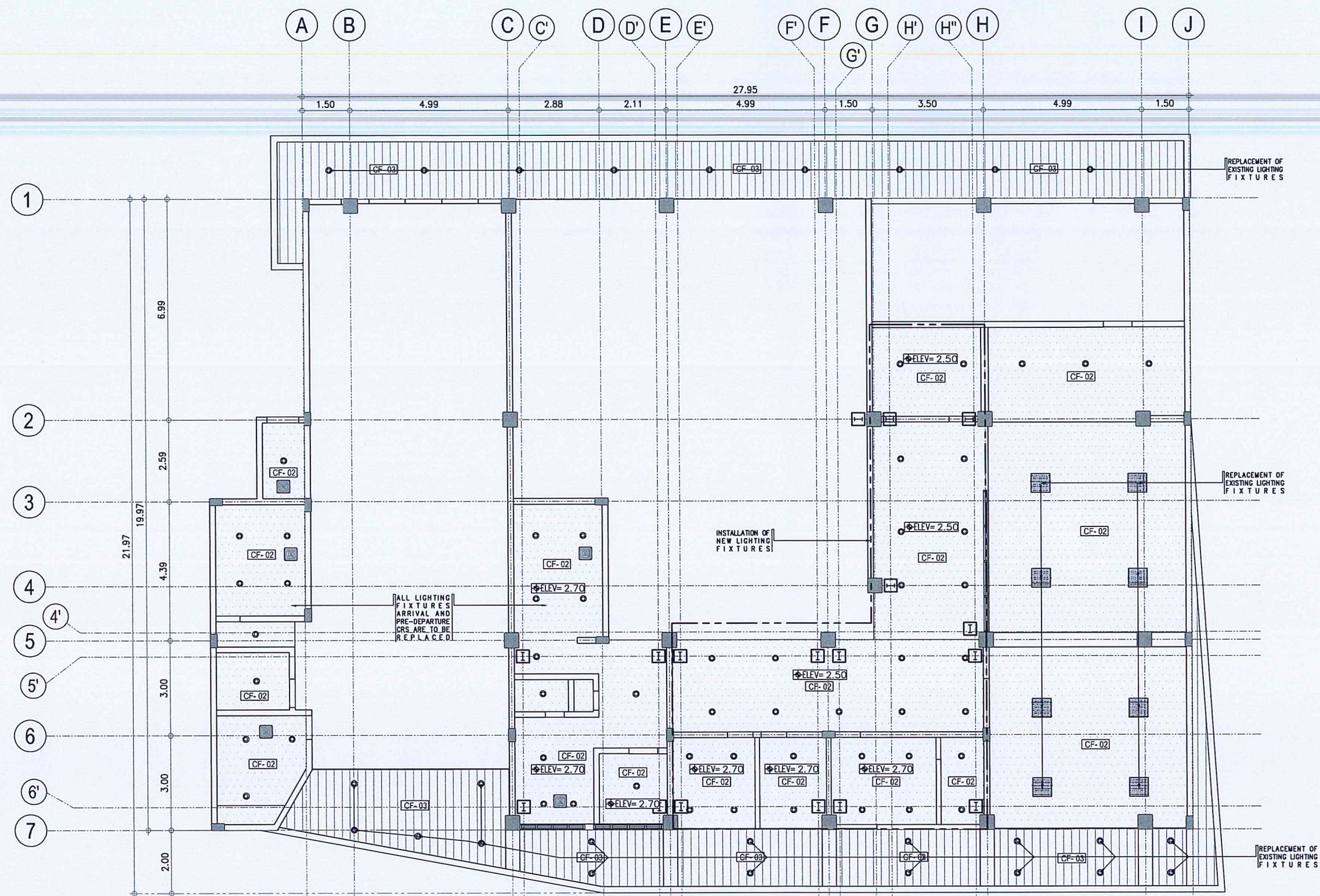
SHEET CONTENTS:



• ROOF DEMOLITION PLAN

DRAWING SCALE: SHEET NO:

1 : 100 M A  
04 1





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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
NAIA ROAD, 1300 PASAY CITY

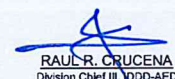
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**AERODROME DEVELOPMENT AND MANAGEMENT SERVICE**

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION


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Department Manager III, AED-ADMS

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Assistant Director General II, ADMS

APPROVED BY:



**LT GEN RAUL L. DEL ROSARIO AFP (RET)**  
Director General

NOTES/REVISIONS:


PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:  
REFLECTED CEILING PLAN (LOWER PORTION)

DRAWING SCALE:	SHEET NO:
1 : 75 M	A 05

LEGEND	
•	6" Ø 1-5 WATTS RECESSED TYPE VERTICAL DOWN LIGHT FIXTURE (VERIFY ELECTRICAL PLANS)
■	0.60M X 0.60M LED RECESSED PANEL LIGHT (VERIFY ELECTRICAL PLANS)
□	0.30M X 0.30M WHITE CEILING TYPE EXHAUST FAN
SCHEDULE OF CEILING FINISHES	
TAG	CF-1
0.60M X 0.60M ALUMINUM POWDER COATED PERFORATED CEILING ON 60 CM X 60 CM T-RUNNERS & FURRINGS	
TAG	CF-2
4.5 MM THK FIBER CEMENT BOARD PAINTED FINISH	
TAG	CF-3
GA# 26 PRE-PAINTED RIB SHEET SPANDEL CEILING	

1  
A-05/A-05

**LOWER PORTION  
REFLECTED CEILING PLAN**

SCALE: 1 : 75 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
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CHECKED BY:	

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 Director General

NOTES/REVISIONS:

\_\_\_\_\_  
 \_\_\_\_\_  
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PROJECT:

IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

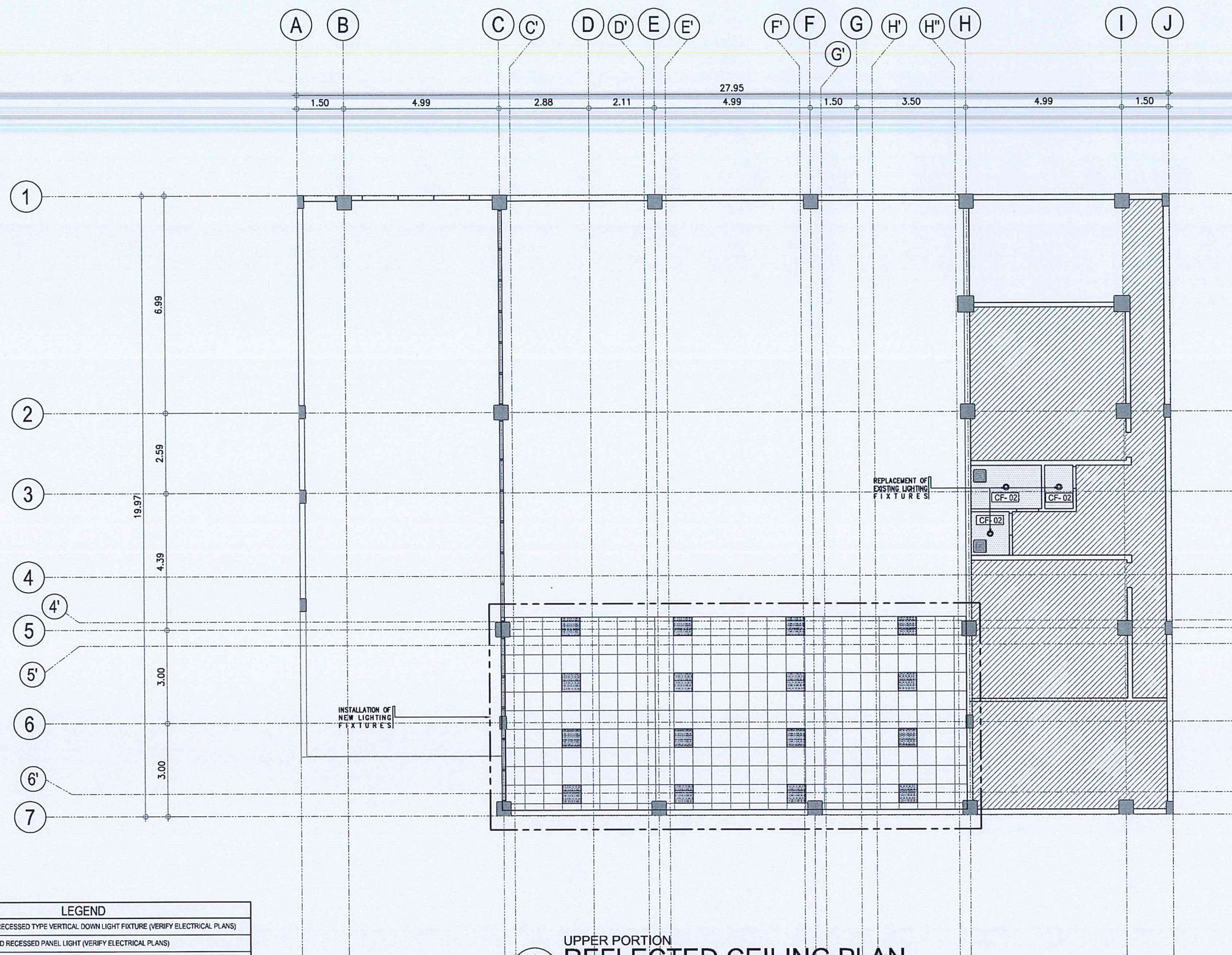
LOCATION:

CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

REFLECTED CEILING PLAN (LOWER PORTION)

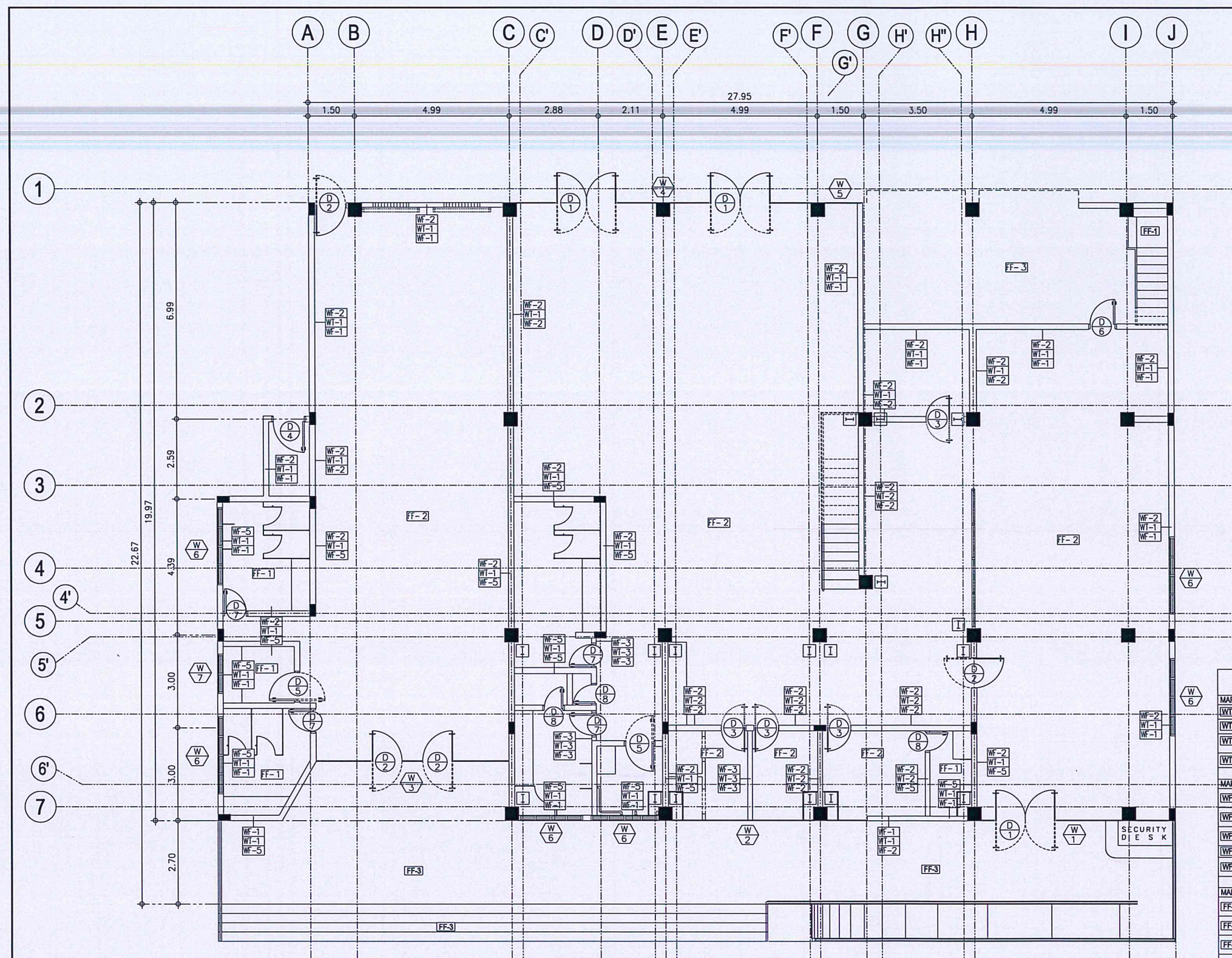
DRAWING SCALE:	SHEET NO:
1 :75 M	A 06



1  
 A-06/A-06  
 UPPER PORTION  
 REFLECTED CEILING PLAN  
 SCALE: 1 : 75 M

LEGEND	
•	6" Ø 1-5 WATTS RECESSED TYPE VERTICAL DOWN LIGHT FIXTURE (VERIFY ELECTRICAL PLANS)
■	0.60M X 0.60M LED RECESSED PANEL LIGHT (VERIFY ELECTRICAL PLANS)
□	0.30M X 0.30M WHITE CEILING TYPE EXHAUST FAN
SCHEDULE OF CEILING FINISHES	
TAG	
CF-1	0.60M X 0.60M ALUMINUM POWDER COATED PERFORATED CEILING ON 60 CM X 60 CM T-RUNNERS & FURRINGS
CF-2	4.5 MM THK. FIBER CEMENT BOARD PAINTED FINISH (WITH MOISTURE RESISTANT)
CF-3	GAR 26 PRE-PAINTED RIS SHEET SPANDREL CEILING





1  
A-07/A-07  
**GROUND FLOOR  
DETAILED FLOOR PLAN**  
SCALE: 1:75 M

SCHEDULE OF WALL TYPES		
MARK	TYPES	REMARKS
WT-1	EXISTING CHB WALL	
WT-2	150mm THK. CHB WALL	
WT-3	12mm THK. FIBER BOARD ON METAL STUDS WITH ROCKWOOL FOAM INSULATION	
WT-4	12mm THK. TEMPERED GLASS PARTITION	
SCHEDULE OF WALL FINISHES		
MARK	TYPES	REMARKS
WF-1	150mm THK. CHB WALL PAINTED WITH ELASTOMERIC PAINT WITH MATTE FINISH	
WF-2	150mm THK. CHB WALL PAINTED WITH 3 COATS OF ACRYLIC LATEX PAINT SEMI-GLOSS FINISH	
WF-3	150mm THK. DRYWALL PARTITION IN 12mm THK. FIBER CEMENT BOARD WITH 2 COATS OF ENAMEL PAINT SEMI-GLOSS FINISH	
WF-4	12mm THK. TEMPERED GLASS PARTITION	
WF-5	8mm THK. x 600mm x 600mm HOMOGENEOUS PORCELAIN TILES MATTE FINISH	
SCHEDULE OF FLOOR FINISHES		
MARK	TYPES	REMARKS
FF-1	18mm THK. x 600mm x 600mm HOMOGENEOUS PORCELAIN TILES MATTE FINISH	
FF-2	18mm THK. x 600mm x 600mm HOMOGENEOUS PORCELAIN TILES POLISHED FINISH	
FF-3	18mm THK. x 600mm x 600mm HOMOGENEOUS FLOOR PORCELAIN TILES RUSTIC OUTDOOR FINISH (ROUGHNESS RATING: R-12)	
LEGEND		
↑	WALL FACING MARK	
WT	TYPE OF WALL	
WF	OPPOSITE WALL FACING MARK	



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**INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION**

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Assistant Director General II, ADMS

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**LT GEN RAUL L. DEL ROSARIO AFP (RET)**  
Director General

NOTES/REVISIONS:

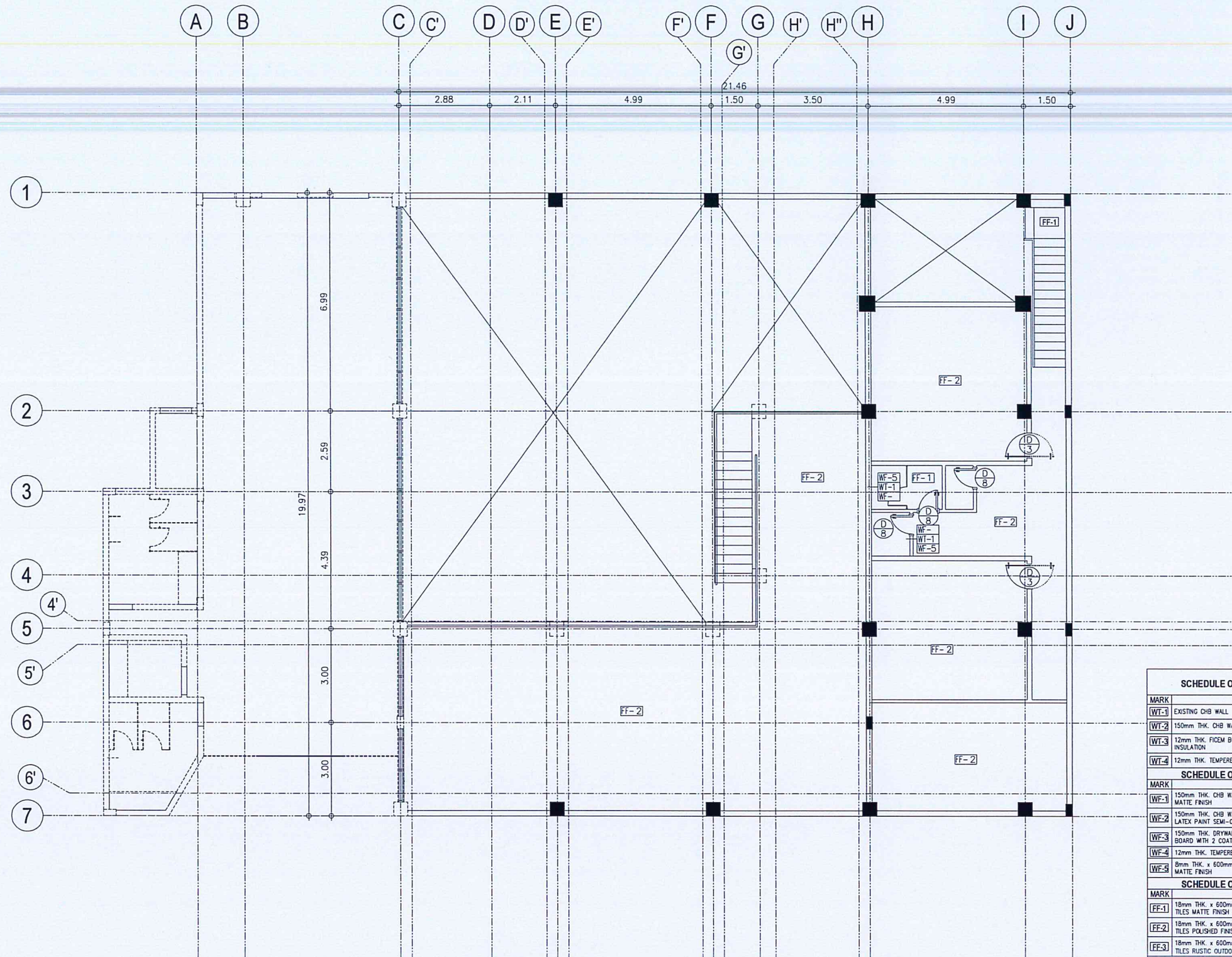
PROJECT:  
**IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT**

LOCATION:  
**CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR**

SHEET CONTENTS:  
• GROUND FLOOR DETAILED FLOOR PLAN



DRAWING SCALE: 1:75 M  
SHEET NO: A  
07





1  
A-08/A-08  
SECOND FLOOR  
**DETAILED FLOOR PLAN**  
SCALE: 1 : 75 M

SCHEDULE OF WALL TYPES	
MARK	TYPES
WT-1	EXISTING CHB WALL
WT-2	150mm THK. CHB WALL
WT-3	12mm THK. FICEM BOARD ON METAL STUDS WITH ROCKWOOL FOAM INSULATION
WT-4	12mm THK. TEMPERED GLASS PARTITION
SCHEDULE OF WALL FINISHES	
MARK	TYPES
WF-1	150mm THK. CHB WALL PAINTED WITH ELASTOMERIC PAINT WITH MATTE FINISH
WF-2	150mm THK. CHB WALL PAINTED WITH 3 COATS OF ACRYLIC LATEX PAINT SEMI-GLOSS FINISH
WF-3	150mm THK. DRYWALL PARTITION IN 12mm THK. FIBER CEMENT BOARD WITH 2 COATS OF ENAMEL PAINT SEMI-GLOSS FINISH
WF-4	12mm THK. TEMPERED GLASS PARTITION
WF-5	8mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN TILES MATTE FINISH
SCHEDULE OF FLOOR FINISHES	
MARK	TYPES
FF-1	18mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN TILES MATTE FINISH
FF-2	18mm THK. x 600mm x 600mm HOMOGENOUS PORCELAIN TILES POLISHED FINISH
FF-3	18mm THK. x 600mm x 600mm HOMOGENOUS FLOOR PORCELAIN TILES RUSTIC OUTDOOR FINISH (ROUGHNESS RATING: R-12)
LEGEND	
WF	WALL FACING MARK
WT	TYPE OF WALL
WF	OPPOSITE WALL FACING MARK

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**LTJEN RAIL D. ROSARIO AFP (RET)**  
Director General

NOTES/REVISIONS:

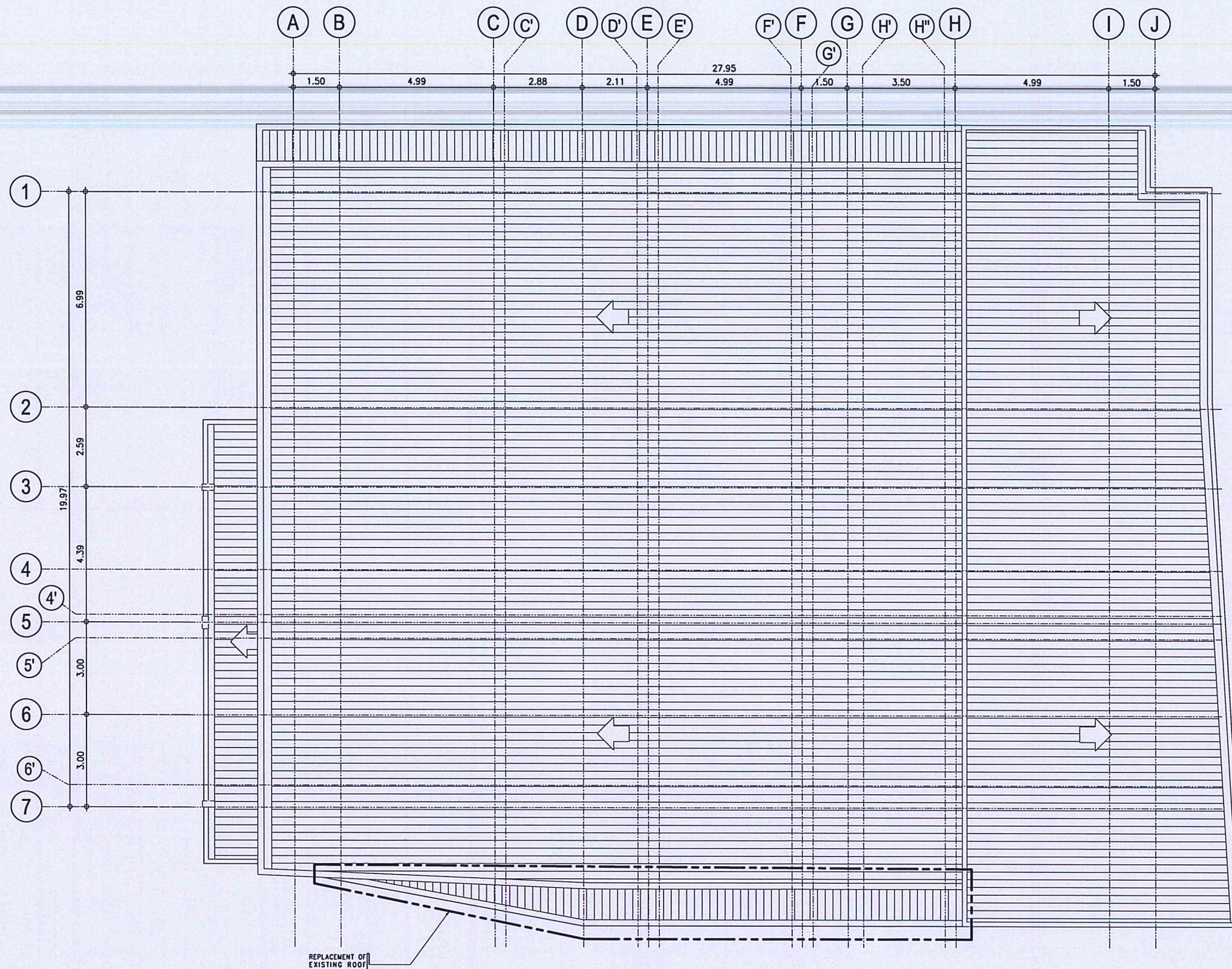
PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:  
• SECOND FLOOR DETAILED FLOOR PLAN

DRAWING SCALE:	SHEET NO:
1 : 75 M	A 08





1 ROOF PLAN  
A-09 A-09 SCALE: 1:75 MTS.



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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LT GEN RAUL V. DEL ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:

CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

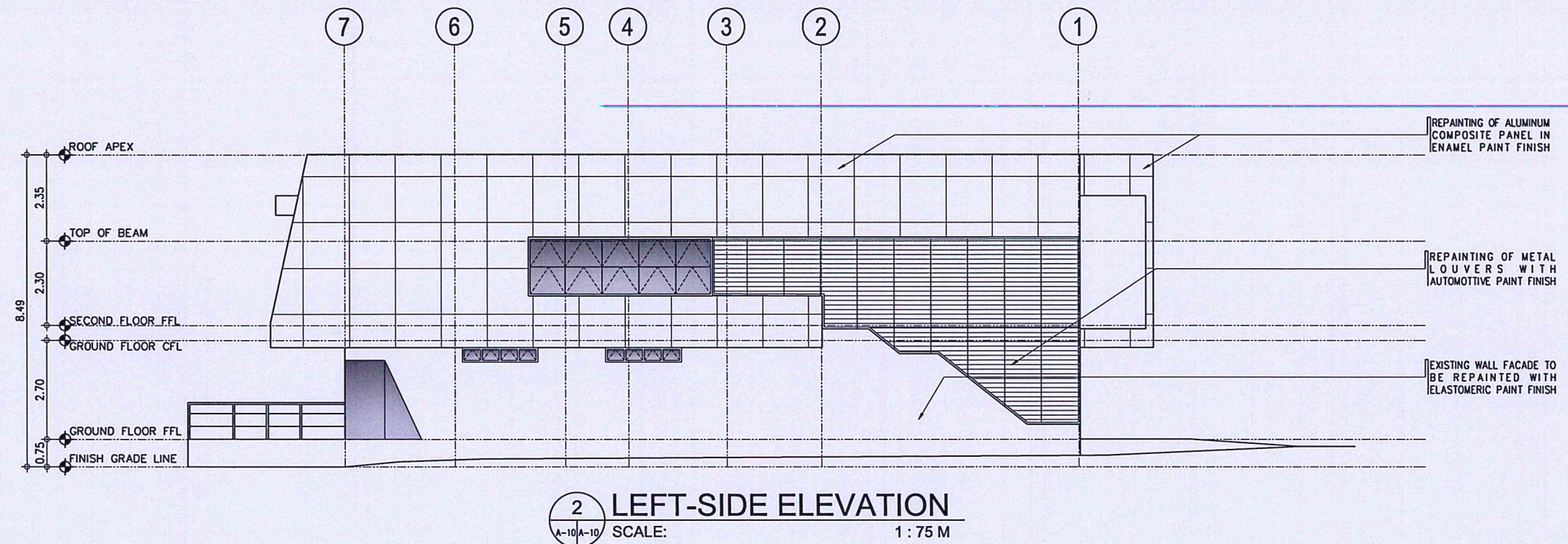
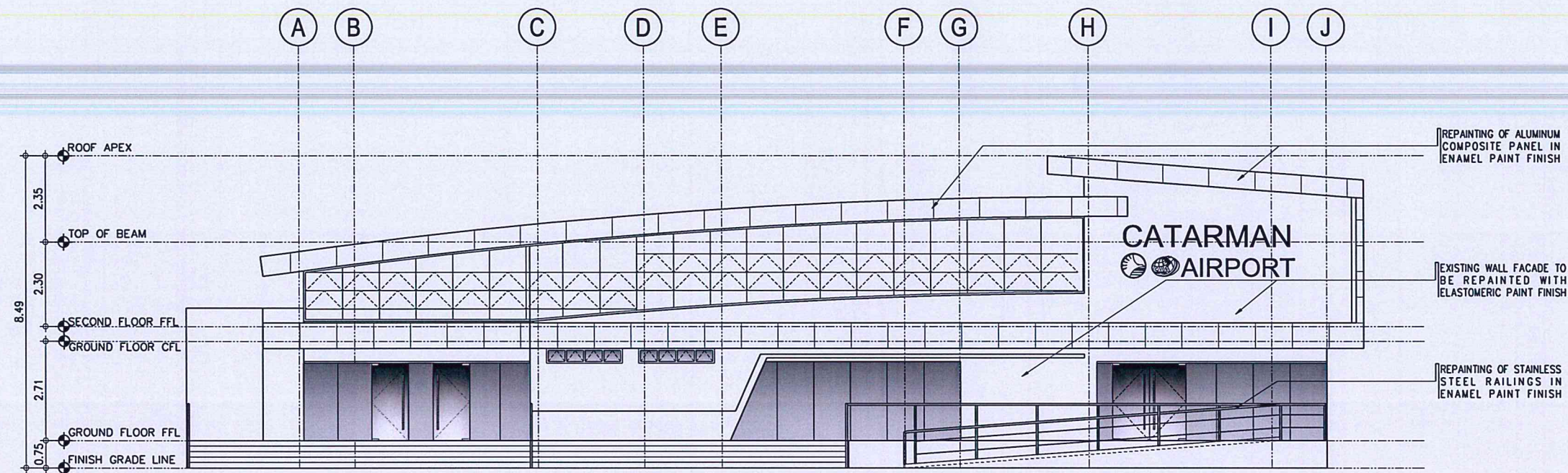
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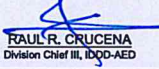


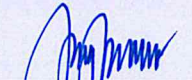
• ROOF PLAN

DRAWING SCALE: SHEET NO:

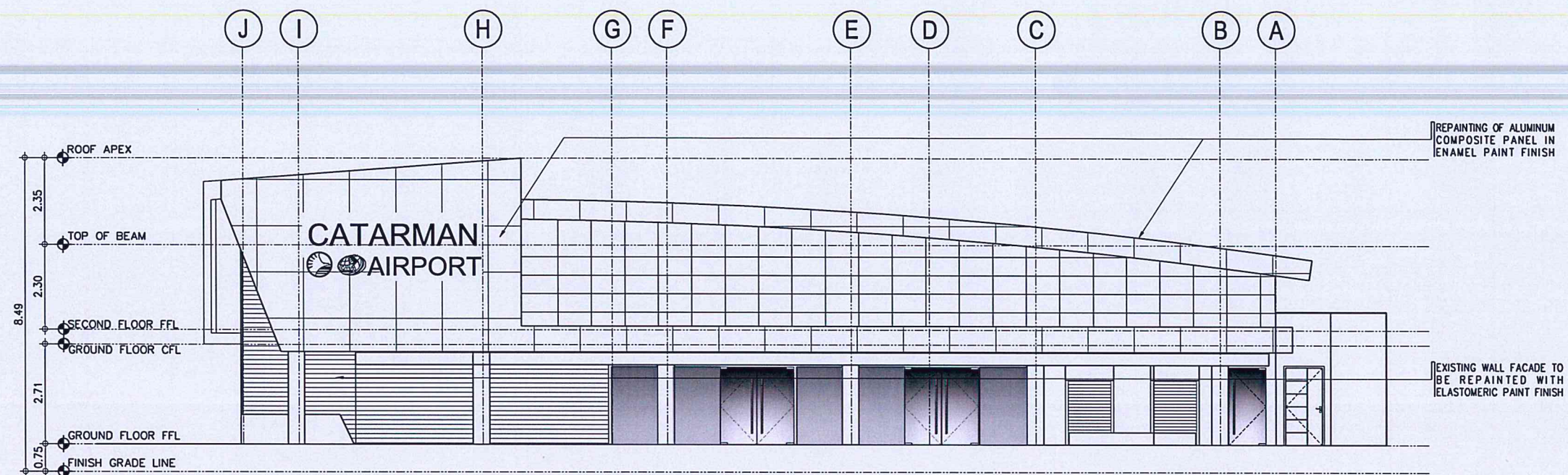
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09



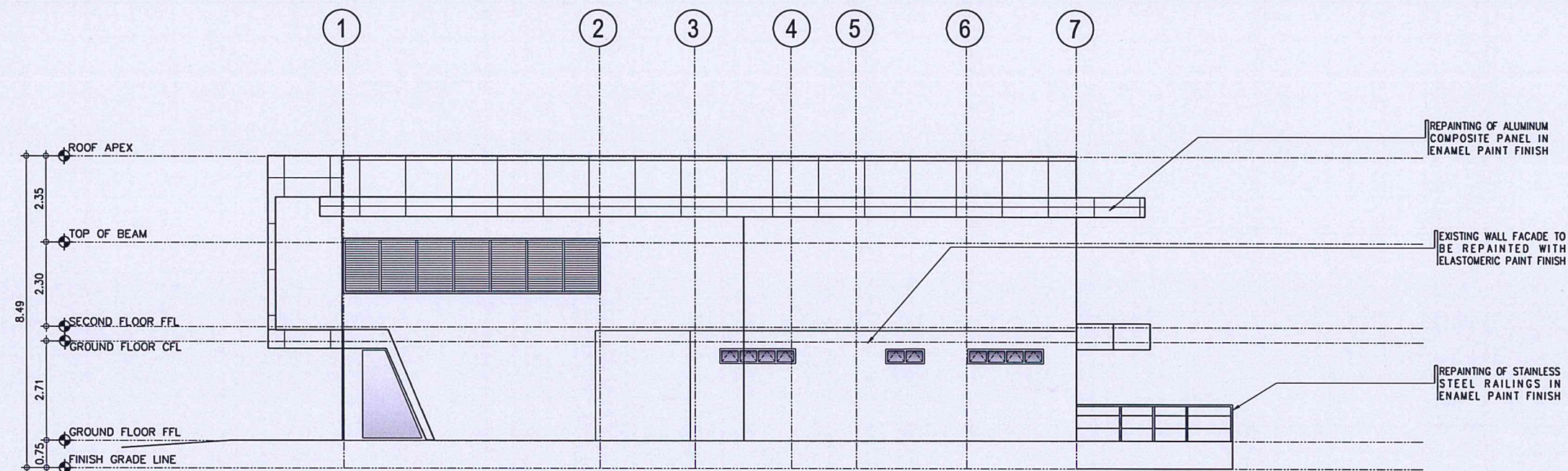


 	
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE	
INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION	
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APPROVED BY:  LT GEN. RAUL U. DEL ROSARIO AFP (RET) Director General	
NOTES/REVISIONS: _____ _____ _____	
PROJECT: IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT	
LOCATION: CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS: * ELEVATIONS	
DRAWING SCALE:	SHEET NO:
1:75 M	A
	10





1 AIRSIDE ELEVATION  
SCALE: 1:75 M



2 RIGHT-SIDE ELEVATION  
SCALE: 1:75 M



REPUBLIC OF THE PHILIPPINES  
CIVIL AVIATION AUTHORITY OF THE PHILIPPINES  
AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
NAIA ROAD, 1508 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF: INITIAL / DATE

DESIGNED BY: IDDD

DRAWN BY: IDDD

CHECKED BY:

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Assistant Director General II, ADMS

APPROVED BY:

LTGEN RAUL L. DEL ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:

PROJECT:  
IMPROVEMENT/REHABILITATION  
OF PASSENGER TERMINAL  
BUILDING AT CATARMAN  
AIRPORT

LOCATION:

CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

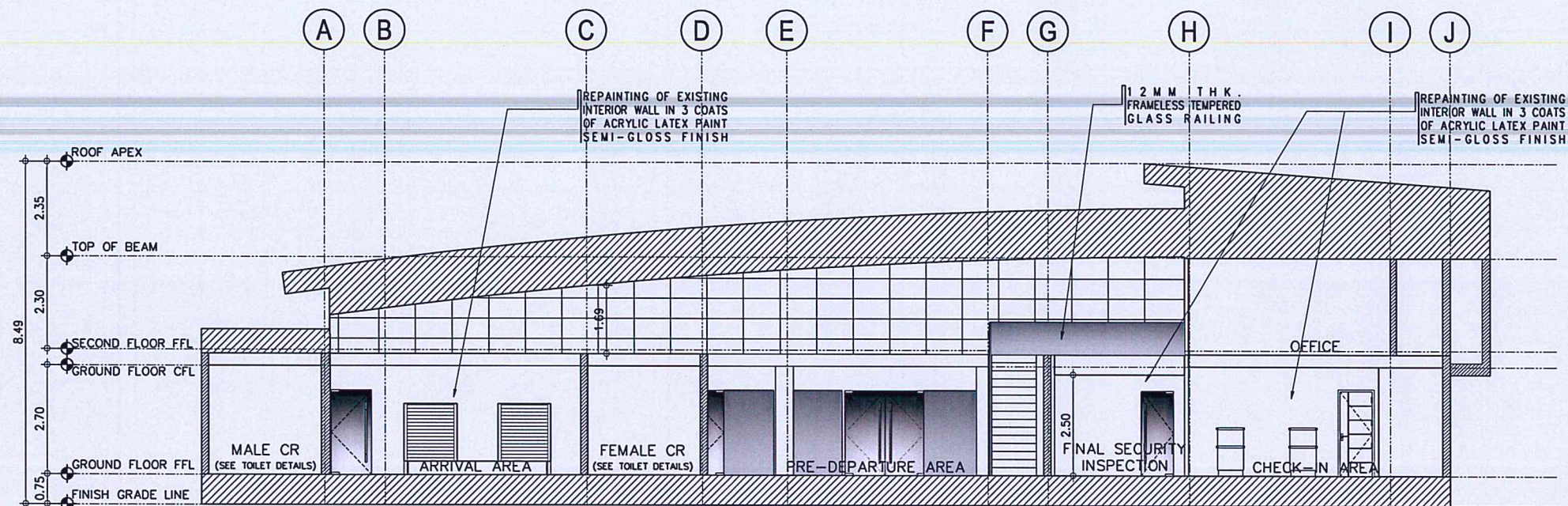
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\* ELEVATIONS

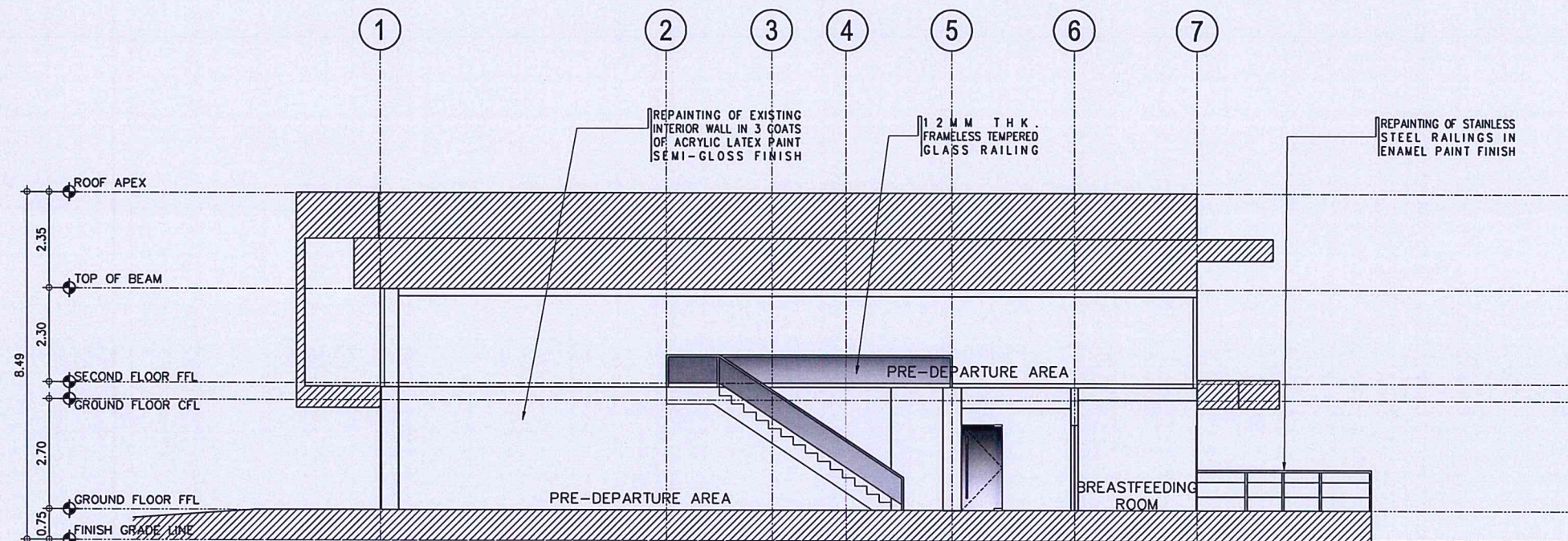
DRAWING SCALE: SHEET NO:

1:75 M A  
11





**1 TRANSVERSE SECTION**  
A-01/A-11 SCALE: 1:75 M



**2 LONGITUDINAL SECTION**  
A-01/A-11 SCALE: 1:75 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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Director General

NOTES/REVISIONS:

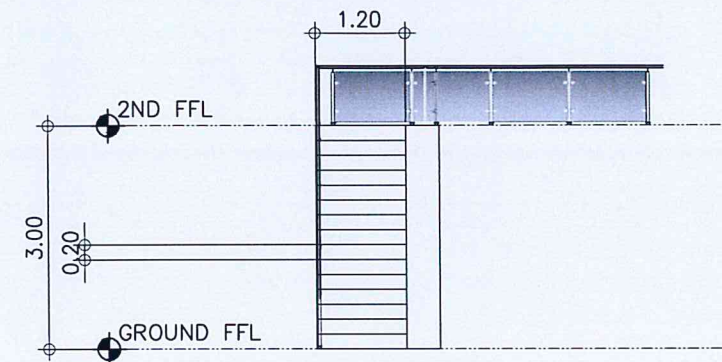
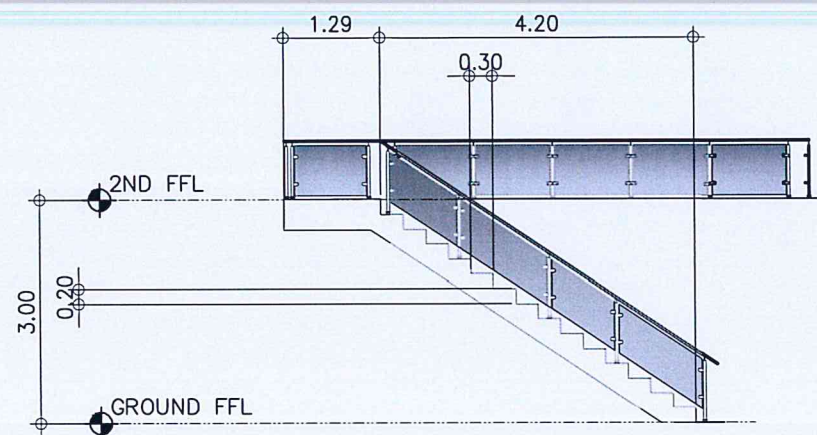

PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

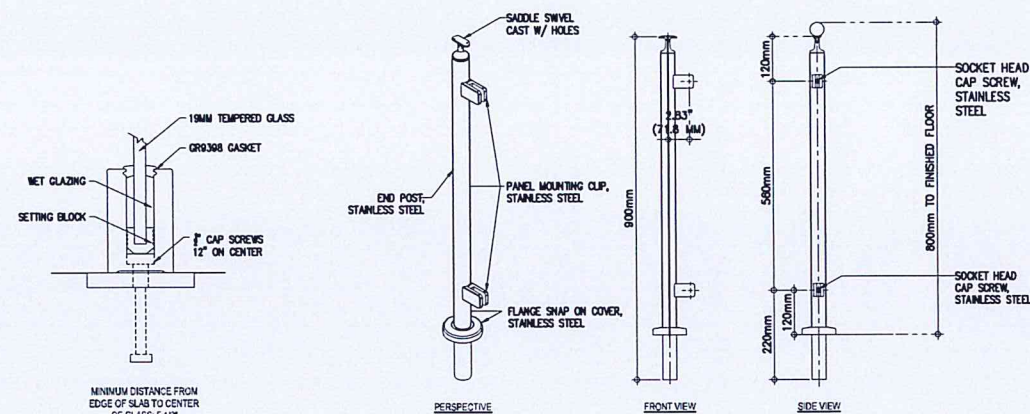
SHEET CONTENTS:  
• SECTIONS

DRAWING SCALE:	SHEET NO:
1:75 M	A
	12





1  
A-13A-13  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING  
STAIR DETAIL  
1:50



2  
A-13A-13  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING  
DETAILS OF STAIR RAILINGS  
NOT TO SCALE



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
NAGA ROAD, 1505 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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NOTES/REVISIONS:

PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:  
• STAIR DETAIL

DRAWING SCALE: 1:50 M  
SHEET NO: 13



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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Director General

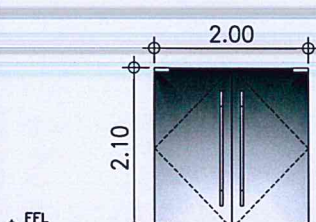
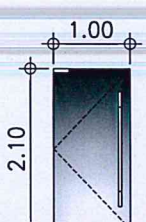
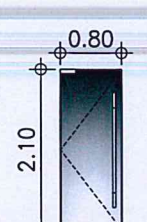
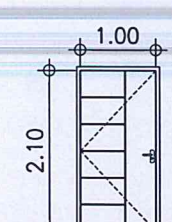
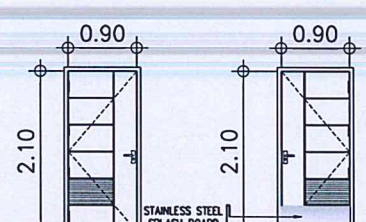
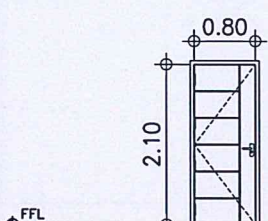
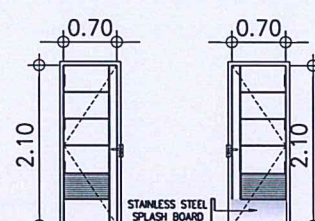
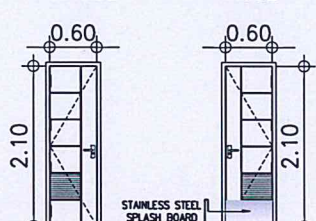
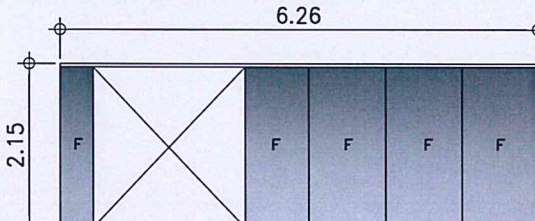
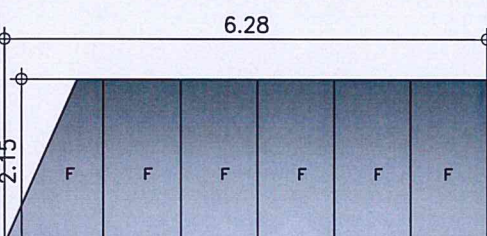
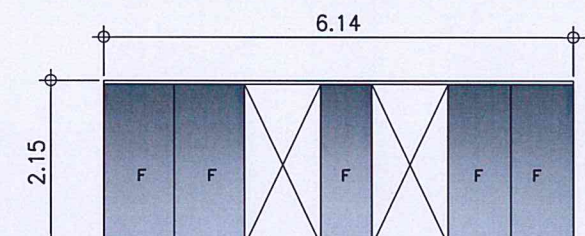
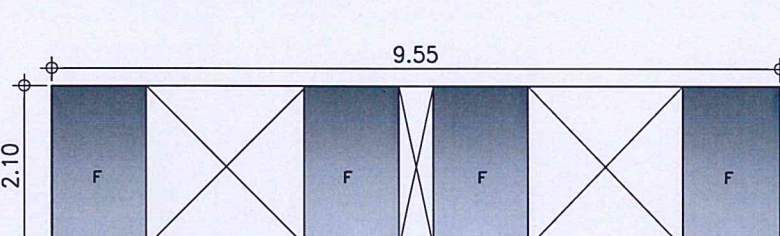
NOTES/REVISIONS:

PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:  
• SCHEDULE OF DOORS AND WINDOWS

DRAWING SCALE:	SHEET NO:
1 : 50 M	14

<div>1. VERIFY ACTUAL DIMENSION @ JOBSITE BEFORE FABRICATION. MAKE ACTUAL SHOP DRAWING FOR CHECKING. 2. RESPONSIBILITY OF CONTRACTOR TO CHECK/ESTIMATE THE REQUIREMENTS BASED ON THE PLANS.</div>									
								<div>OUTSIDEINSIDE</div>	
<div>D1</div>	2-LEAF DOUBLE SWING 12MM THK. TEMPERED CLEAR GLASS FRAMELESS DOOR IN PATCH FITTINGS	<div>D2</div>	DOUBLE SWING 12MM THK. TEMPERED CLEAR GLASS FRAMELESS DOOR IN PATCH FITTINGS	<div>D3</div>	DOUBLE SWING 12MM THK. TEMPERED CLEAR GLASS FRAMELESS DOOR IN PATCH FITTINGS	<div>D4</div>	SINGLE SWING WOOD PANEL DOOR IN WOODGRAIN-LIKE LAMINATE FINISH	<div>D5</div>	SINGLE SWING TANGULE KD WOOD PANEL DOOR WITH LOUVERS & STAINLESS STEEL PLATE SPLASH BOARD
DIMENSIONS: 2000MM x 2100MM		DIMENSIONS: 1000MM x 2100MM		DIMENSIONS: 800MM x 2100MM		DIMENSIONS: 1000MM x 2100MM		DIMENSIONS: 900MM x 2100MM (EXCLUDING DOOR JAMB)	
HARDWARES: RYOTAL HINGES, LOCKSET, 38MMx1.50 M STAINLESS STEEL PIPE HANDLE FINISH DOOR HANDLE		HARDWARES: RYOTAL HINGES, LOCKSET, 38MM x 1.50 M STAINLESS STEEL PIPE HANDLE FINISH DOOR HANDLE		HARDWARES: RYOTAL HINGES, LOCKSET, 38MM x 1.50 M STAINLESS STEEL PIPE HANDLE FINISH DOOR HANDLE		HARDWARES: BUTT HINGES, CHROME LEVER TYPE LOCKSET, DOOR STOPPER, HEAVY DUTY DOOR CLOSER		HARDWARES: BUTT HINGES, CHROME LEVER TYPE LOCKSET, DOOR STOPPER, HEAVY DUTY DOOR CLOSER	
LOCATION: CHECK-IN AREA, PRE-DEPARTURE AREA		LOCATION: ARRIVAL AREA		LOCATION: BREASTFEEDING AREA, KID'S PLAY AREA, VIP ROOM, OFFICES		LOCATION: ELECTRICAL ROOM		LOCATION: PWD CR	
NO. OF SETS: 3 SETS		NO. OF SETS: 4 SETS		NO. OF SETS: 6 SETS		NO. OF SETS: 1 SET		NO. OF SETS: 2 SETS	
JAMB:		JAMB:		JAMB:		JAMB: 50MM X 150MM TANGULE KD WOOD FRAME		JAMB: 50MM X 150MM TANGULE KD WOOD FRAME	
HEADER:		HEADER:		HEADER:		HEADER:		HEADER:	
		<div>OUTSIDEINSIDE</div>		<div>OUTSIDEINSIDE</div>					
<div>D6</div>	SINGLE SWING WOOD PANEL DOOR IN WOODGRAIN-LIKE LAMINATE FINISH	<div>D7</div>	SINGLE SWING TANGULE KD WOOD PANEL DOOR WITH LOUVERS & STAINLESS STEEL PLATE SPLASH BOARD	<div>D8</div>	SINGLE SWING TANGULE KD WOOD PANEL DOOR WITH LOUVERS & STAINLESS STEEL PLATE SPLASH BOARD	<div>W1</div>			
DIMENSIONS: 800MM x 2100MM (EXCLUDING DOOR JAMB)		DIMENSIONS: 700MM x 2100MM (EXCLUDING DOOR JAMB)		DIMENSIONS: 600MM x 2100MM (EXCLUDING DOOR JAMB)		DIMENSIONS: 6260MM x 2150MM (EXCLUDING DOOR JAMB)			
HARDWARES: BUTT HINGES, CHROME LEVER TYPE LOCKSET, DOOR STOPPER, HEAVY DUTY DOOR CLOSER		HARDWARES: BUTT HINGES, CHROME LEVER TYPE LOCKSET, DOOR STOPPER, HEAVY DUTY DOOR CLOSER		HARDWARES: BUTT HINGES, CHROME LEVER TYPE LOCKSET, DOOR STOPPER, HEAVY DUTY DOOR CLOSER		HARDWARES:			
LOCATION: CHECK IN COUNTER		LOCATION: ARRIVAL CR, PRE-DEPARTURE CR		LOCATION: PRE-DEPARTURE CR, OFFICE CR		LOCATION: CHECK-IN AREA			
NO. OF SETS: 1 SET		NO. OF SETS: 4 SETS		NO. OF SETS: 6 SETS		NO. OF SETS: 1 SET			
JAMB: 50MM X 150MM TANGULE KD WOOD FRAME		JAMB: 50MM X 150MM TANGULE KD WOOD FRAME		JAMB: 50MM X 150MM TANGULE KD WOOD FRAME		JAMB:			
HEADER:		HEADER:		HEADER:		HEADER: 150MM X 50MM POWDER COATED ALUMINUM FRAME			
									
<div>W2</div>	12MM THK TEMPERED CLEAR GLASS FIXED WINDOW ON POWDER COATED ALUMINUM FRAME (COLOR OF GLASS & FRAME: VERIFY ARCHITECT)	<div>W3</div>	12MM THK TEMPERED CLEAR GLASS FIXED WINDOW ON POWDER COATED ALUMINUM FRAME (COLOR OF GLASS & FRAME: VERIFY ARCHITECT)			<div>W4</div>	12MM THK TEMPERED CLEAR GLASS FIXED WINDOW ON POWDER COATED ALUMINUM FRAME (COLOR OF GLASS & FRAME: VERIFY ARCHITECT)		
DIMENSIONS: 6280MM x 2450MM (EXCLUDING WINDOW JAMB)		DIMENSIONS: 760MM x 570MM (EXCLUDING WINDOW JAMB)				DIMENSIONS: 760MM x 570MM (EXCLUDING WINDOW JAMB)			
HARDWARES:		HARDWARES:				HARDWARES:			
LOCATION: PANTRY, MEN'S T&B, WOMEN'S T&B		LOCATION: ARRIVAL AREA				LOCATION: PRE-DEPARTURE AREA			
NO. OF SETS: 1 SET		NO. OF SETS: 1 SET				NO. OF SETS: 1 SET			
JAMB:		JAMB:				JAMB:			
HEADER: 150MM X 50MM POWDER COATED ALUMINUM FRAME		HEADER: 150MM X 50MM POWDER COATED ALUMINUM FRAME				HEADER: 150MM X 50MM POWDER COATED ALUMINUM FRAME			

**1 DOOR & WINDOW SCHEDULE**  
A-14/A-14 SCALE: 1 : 50 M



<div>W5</div> <div>12MM THK TEMPERED CLEAR GLASS FIXED WINDOW ON POWDER COATED ALUMINUM FRAME (COLOR OF GLASS &amp; FRAME: VERIFY ARCHITECT)</div> <div>DIMENSIONS: 1250MM x 2100MM</div> <div>HARDWARES:</div> <div>LOCATION: PRE-DEPARTURE AREA</div> <div>NO. OF SETS: 1 SET</div> <div>JAMB:</div> <div>HEADER: 150MM X 50MM POWDER COATED ALUMINUM FRAME</div>	<div>W6</div> <div>6MM THK TEMPERED SMOKED GLASS AWNING WINDOW ON POWDER COATED ALUMINUM FRAME (COLOR OF GLASS &amp; FRAME: VERIFY ARCHITECT)</div> <div>DIMENSIONS: 2060MM x 400MM</div> <div>HARDWARES: BUILT-IN LOCK</div> <div>LOCATION: PRE-DEPARTURE CR, ARRIVAL CR, CHECK-IN AREA</div> <div>NO. OF SETS: 6 SETS</div> <div>JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME</div> <div>HEADER:</div>	<div>W7</div> <div>6MM THK TEMPERED SMOKED GLASS AWNING WINDOW ON POWDER COATED ALUMINUM FRAME (COLOR OF GLASS &amp; FRAME: VERIFY ARCHITECT)</div> <div>DIMENSIONS: 1060MM x 400MM</div> <div>HARDWARES: BUILT-IN LOCK</div> <div>LOCATION: ARRIVAL PWD COMFORT ROOM</div> <div>NO. OF SETS: 1 SET</div> <div>JAMB: 50MM X 150MM POWDER COATED ALUMINUM FRAME</div> <div>HEADER:</div>

1

DOOR & WINDOW SCHEDULE

SCALE: 1 : 50 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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LTGEN RAUL L DEL ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:

PROJECT:

IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:

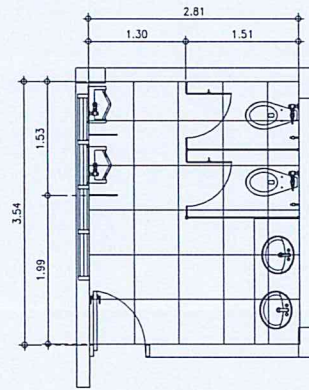
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

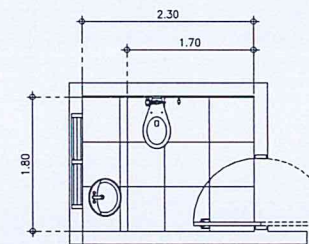
• SCHEDULE OF DOORS AND WINDOWS

DRAWING SCALE:	SHEET NO:
1 : 50 M	A
	14a

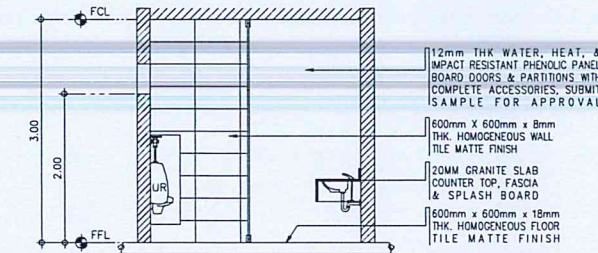




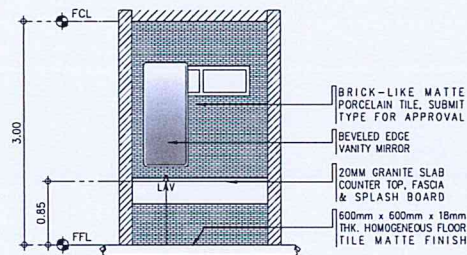
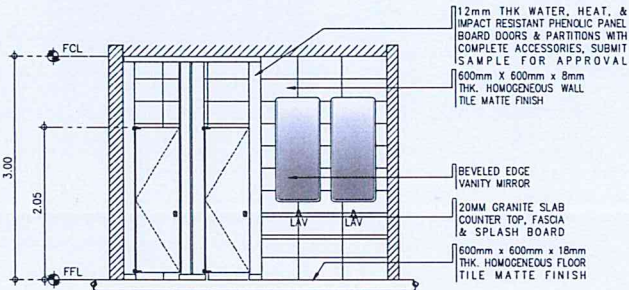
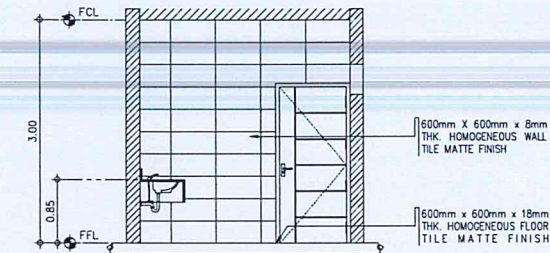
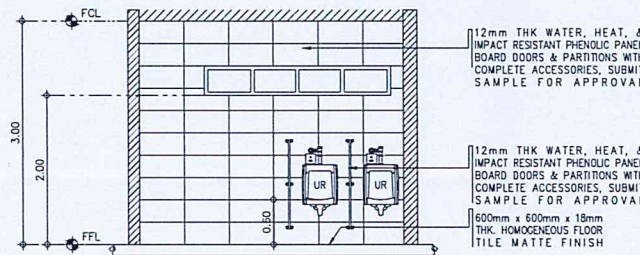
1  
A-15/A-15  
**MALE CR @ ARRIVAL AREA  
BLOW-UP PLAN**  
SCALE: 1 : 50 MTS



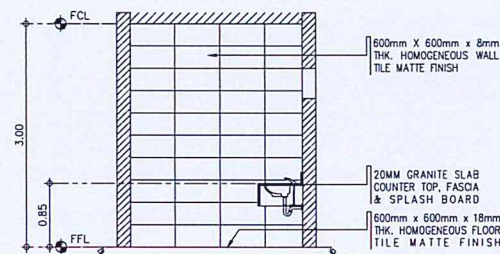
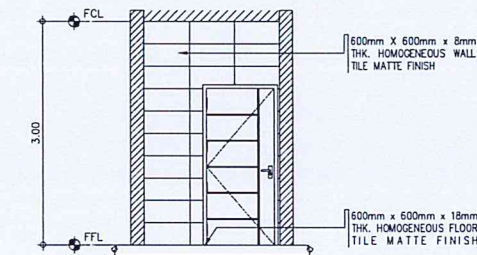
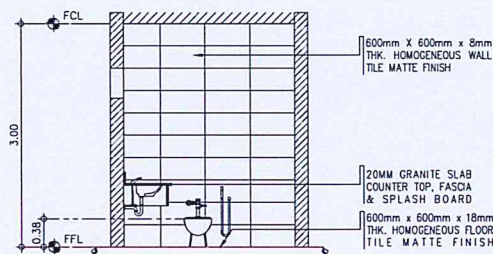
3  
A-15/A-15  
**PWD CR @ ARRIVAL AREA  
BLOW-UP PLAN**  
SCALE: 1 : 50 MTS



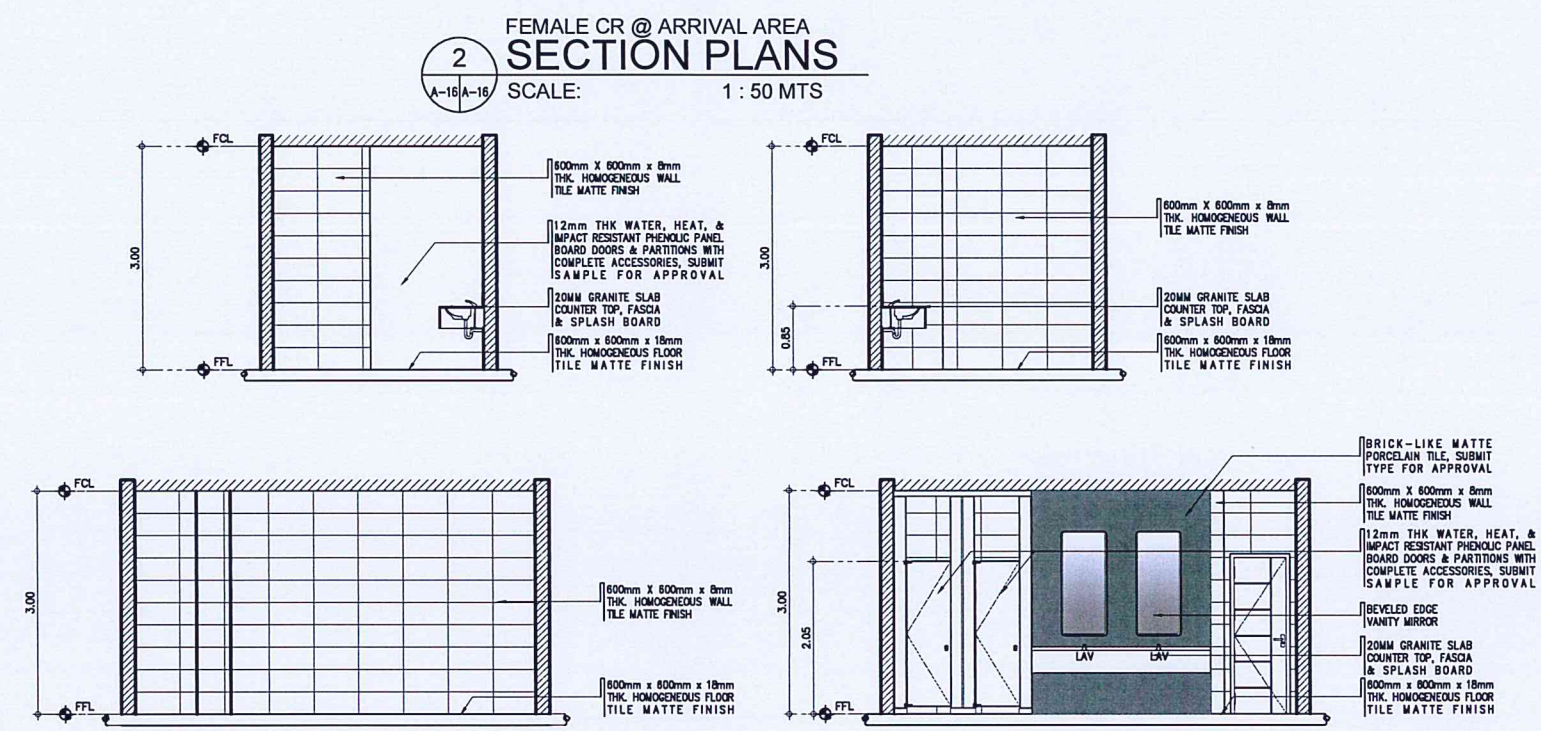
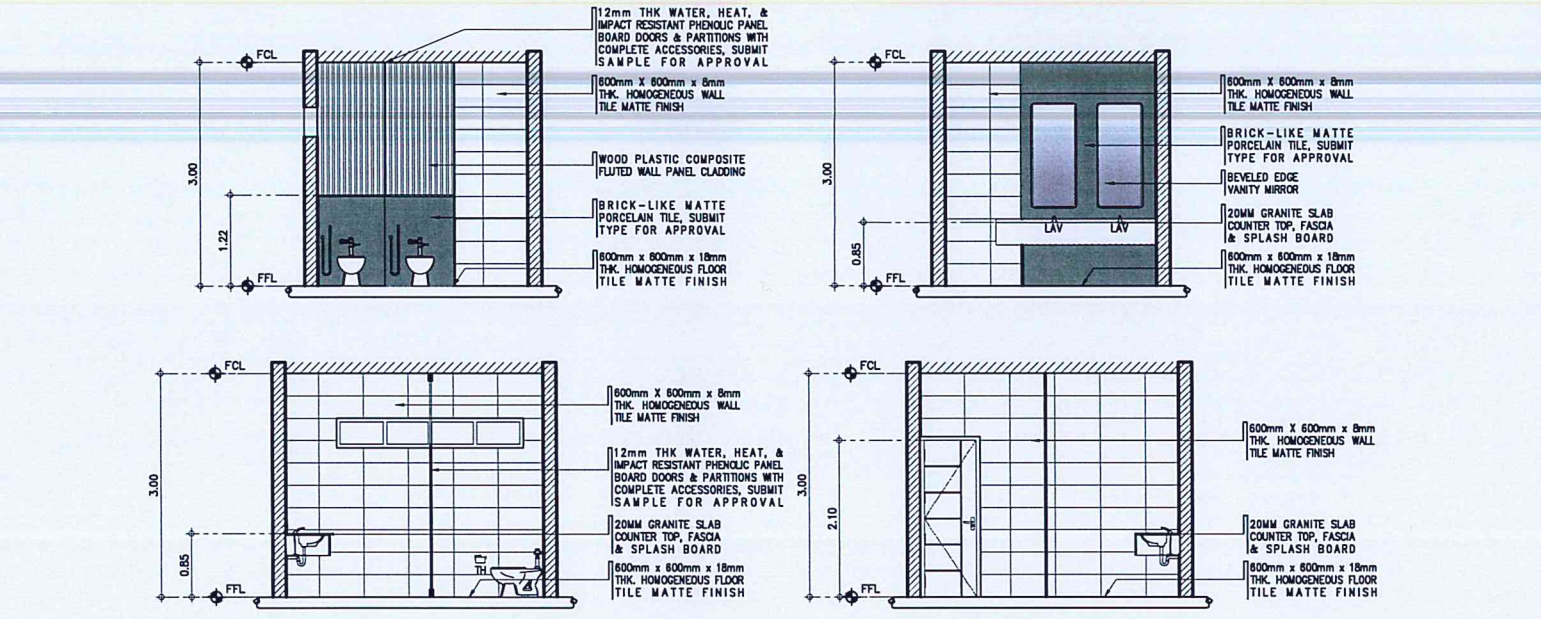
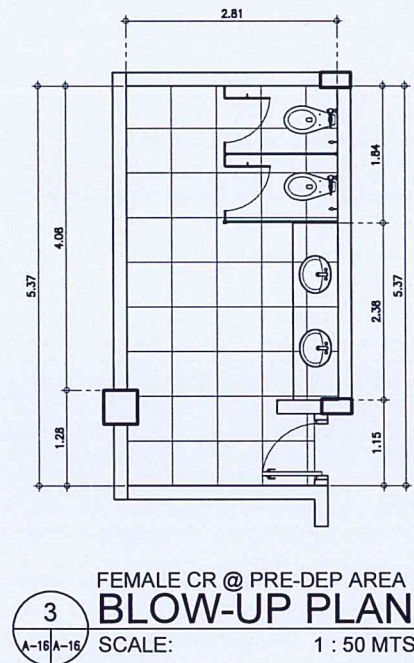
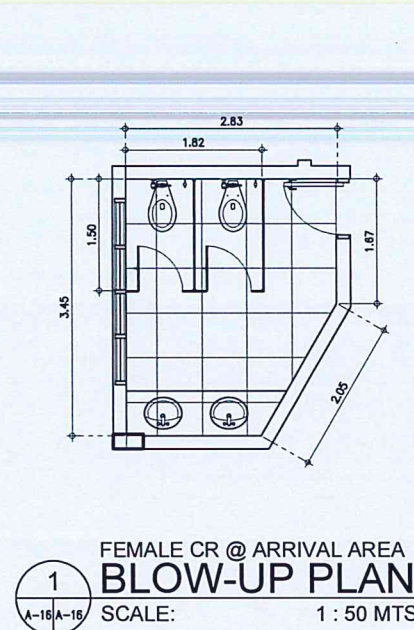
2  
A-15/A-15  
**MALE CR @ ARRIVAL AREA  
SECTION PLANS**  
SCALE: 1 : 50 MTS



4  
A-15/A-15  
**PWD CR @ ARRIVAL AREA  
SECTION PLANS**  
SCALE: 1 : 50 MTS



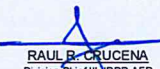







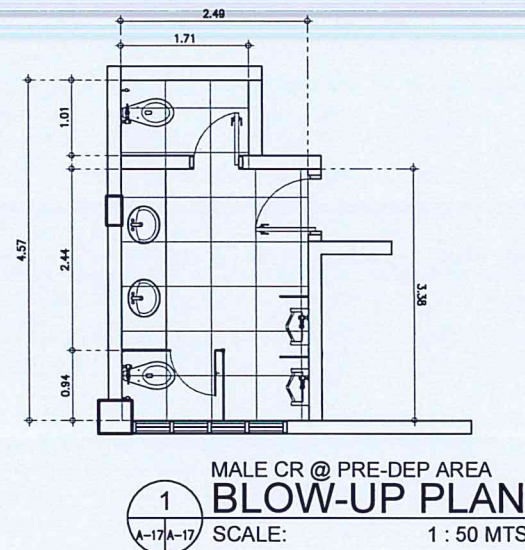


**4**  
A-16/A-16

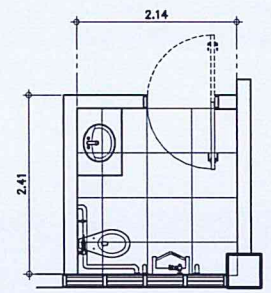
**FEMALE CR @ PRE-DEP AREA  
SECTION PLANS**  
SCALE: 1 : 50 MTS

 	
REPUBLIC OF THE PHILIPPINES CIVIL AVIATION AUTHORITY OF THE PHILIPPINES AERODROME DEVELOPMENT AND MANAGEMENT SERVICE NAIA ROAD, 1500 PASAY CITY	
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<b>AERODROME DEVELOPMENT AND MANAGEMENT SERVICE</b>	
<b>INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION</b>	
DESIGN STAFF:	INITIAL / DATE
DESIGNED BY: IDDD	
DRAWN BY: IDDD	
CHECKED BY:	
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SUBMITTED BY:   ARNEL F. BORLADO Department Manager III, AED-ADMS	
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APPROVED BY:   LTGEN RAUL D. BOSARIO AFP (RET) Director General	
NOTES/REVISIONS: _____ _____ _____	
PROJECT: IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT	
LOCATION: CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS: • TOILET DETAILS	
DRAWING SCALE:	SHEET NO:
1 : 50 M	A 16

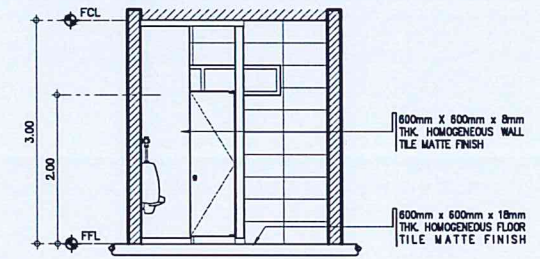
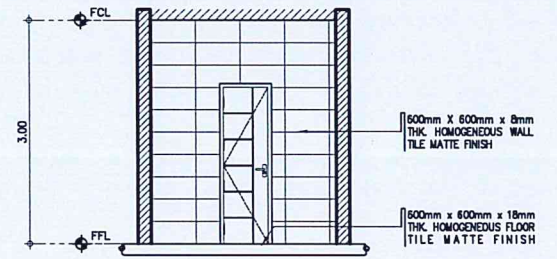
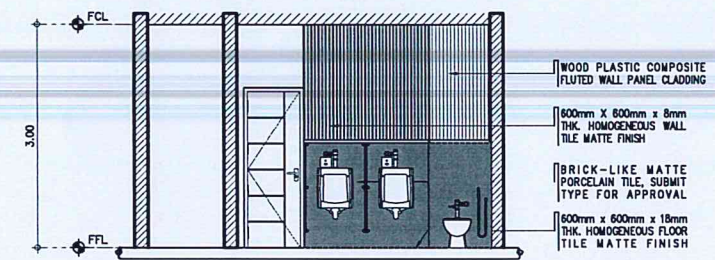
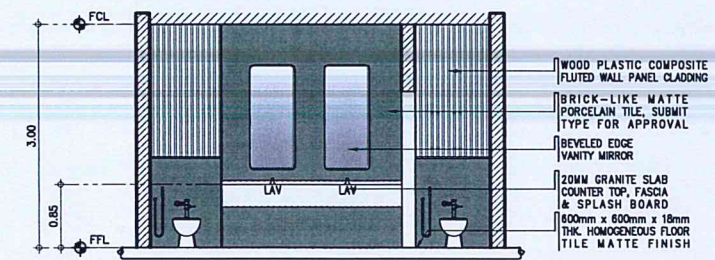




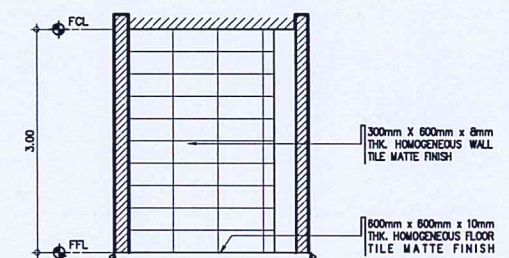
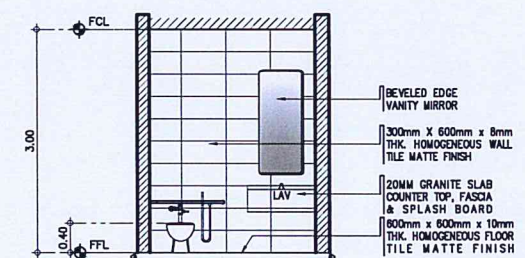
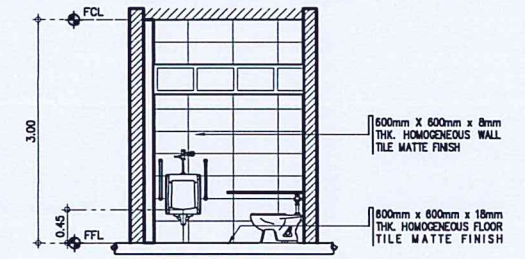
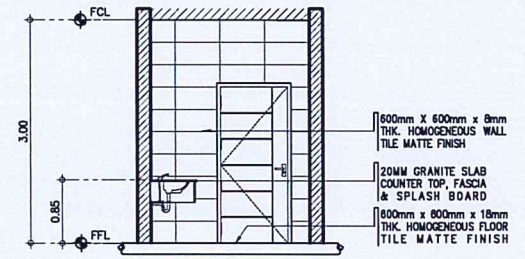
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**MALE CR @ PRE-DEP AREA  
BLOW-UP PLAN**  
SCALE: 1 : 50 MTS



3  
A-17/A-17  
**PWD CR @ PRE-DEP AREA  
BLOW-UP PLAN**  
SCALE: 1 : 50 MTS



2  
A-17/A-17  
**MALE CR @ PRE-DEP AREA  
SECTION PLANS**  
SCALE: 1 : 50 MTS



4  
A-17/A-17  
**PWD CR @ PRE-DEP AREA  
SECTION PLANS**  
SCALE: 1 : 50 MTS

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NAIA ROAD, 1305 PASAY CITY

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**AERODROME DEVELOPMENT  
AND MANAGEMENT SERVICE**

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DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	IDDD <i>[Signature]</i>
CHECKED BY:	
REVIEWED BY:	
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SUBMITTED BY:	
 <b>ARNEL F. BORLADO</b> Department Manager III, AED-ADMS	
RECOMMEND APPROVAL:	
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 <b>LTGEN RAUL DEL ROSARIO AFP (RET)</b> Director General	
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CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS:	
• TOILET DETAILS	
DRAWING SCALE:	SHEET NO:
1 : 50 M	A 17



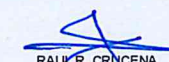
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REVIEWED BY:

  
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 Division Chief (II), IDDD-AED

SUBMITTED BY:

  
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**LTCOL VALENTINO A. DIONELA PAF (RET)**  
 Assistant Director General II, ADMS

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**LTJEN RAL L. DE ROSARIO AFP (RET)**  
 Director General

NOTES/REVISIONS:


PROJECT:  
 IMPROVEMENT/REHABILITATION  
 OF PASSENGER TERMINAL  
 BUILDING AT CATARMAN  
 AIRPORT

LOCATION:

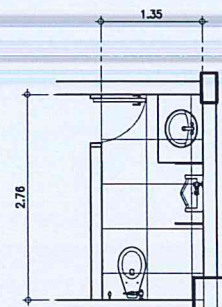
CATARMAN AIRPORT  
 BRGY. CATARMAN, NORTHERN SAMAR

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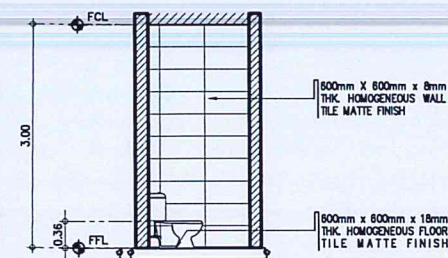
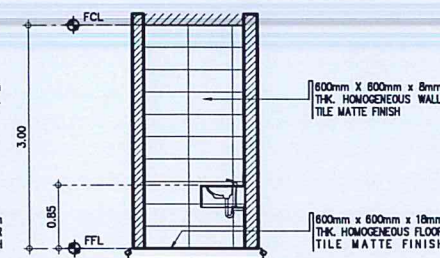
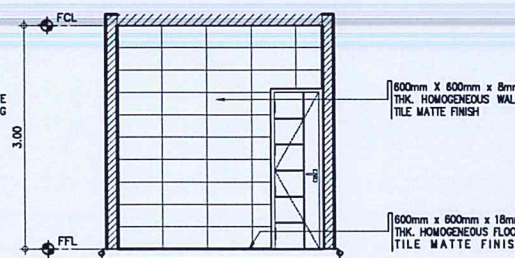
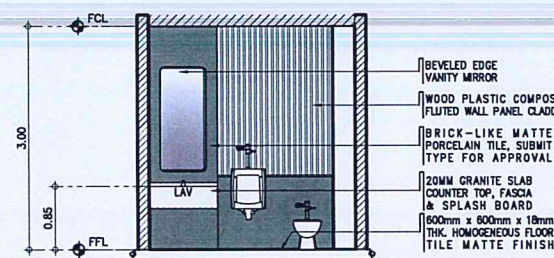
• TOILET DETAILS

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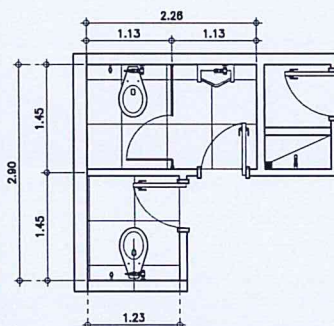
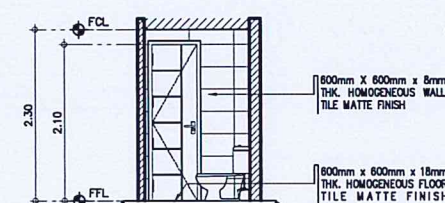
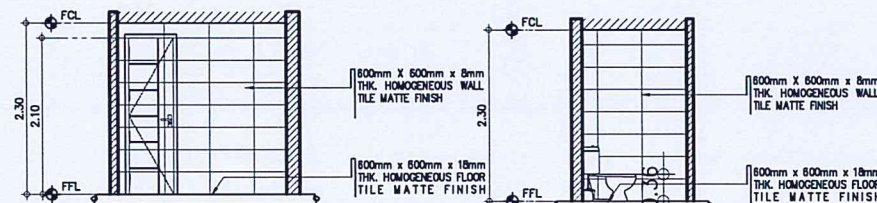
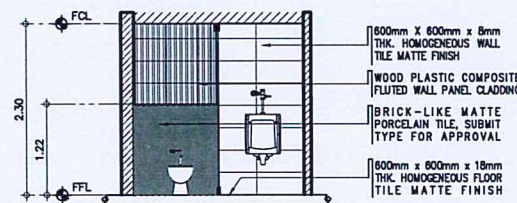
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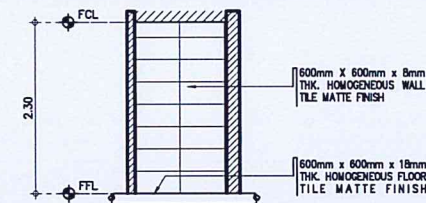
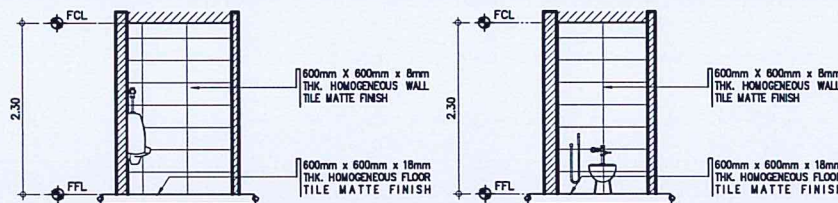
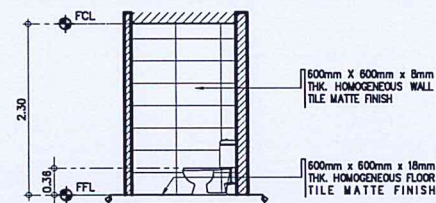
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**BLOW-UP PLAN**  
 SCALE: 1 : 50 MTS



2  
 A-18/A-18  
 VIP ROOM CR  
**SECTION PLANS**  
 SCALE: 1 : 50 MTS

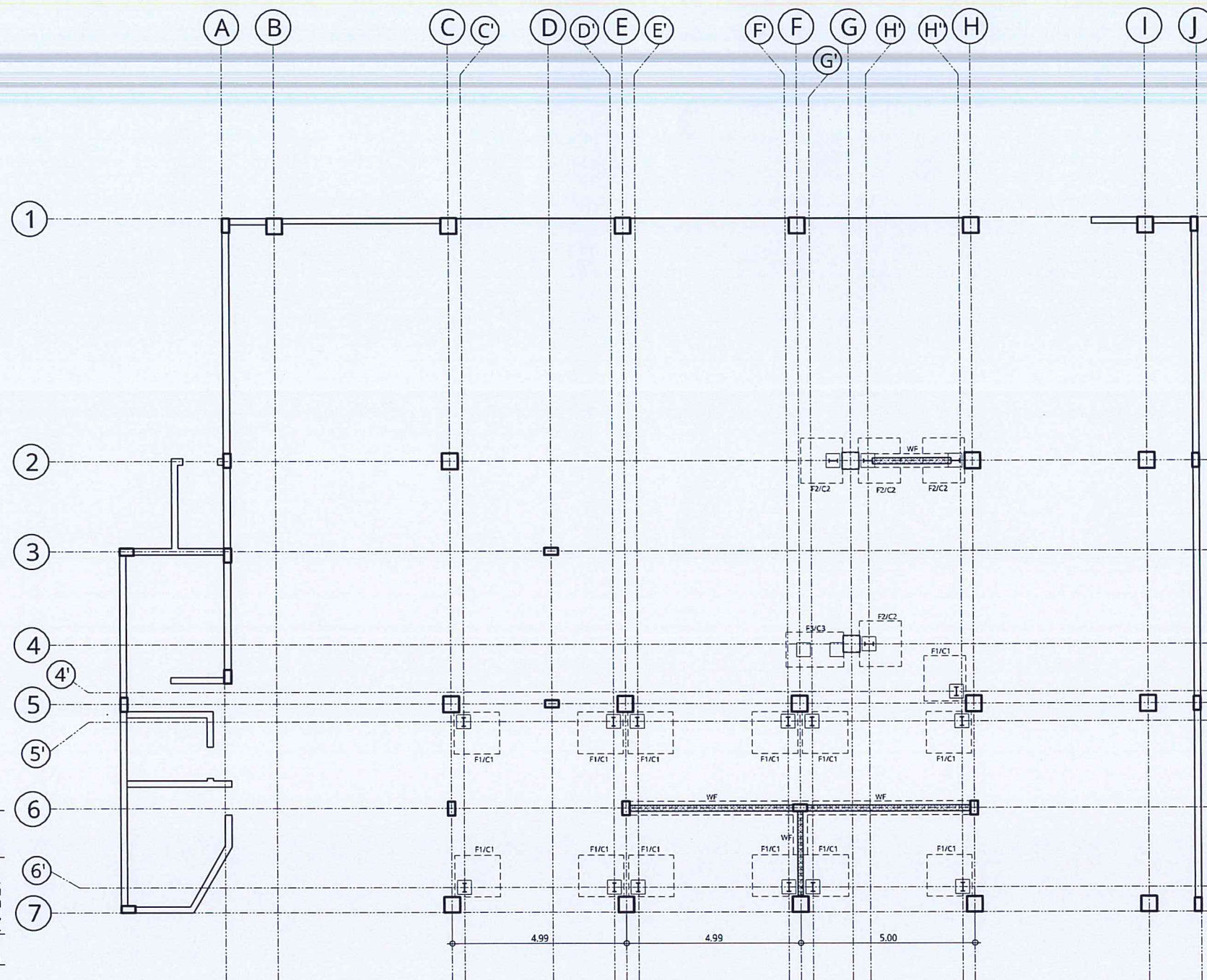
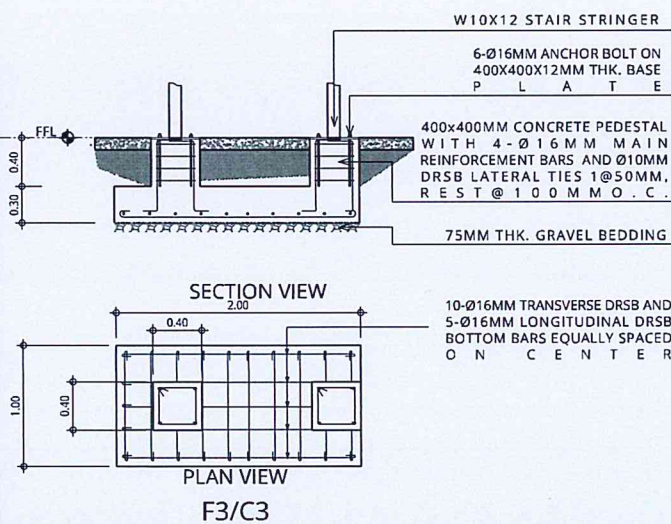
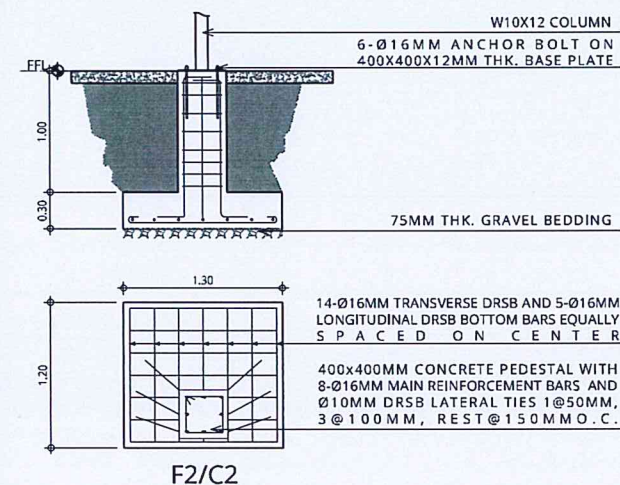
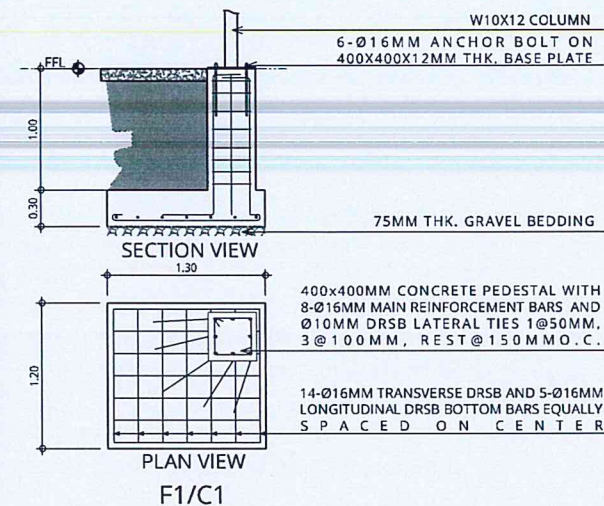


3  
 A-18/A-18  
 CR @ OFFICE AREA  
**BLOW-UP PLAN**  
 SCALE: 1 : 50 MTS



4  
 A-18/A-18  
 CR @ OFFICE AREA  
**SECTION PLANS**  
 SCALE: 1 : 50 MTS





1 FOUNDATION PLAN  
SCALE: 1:75 MTS.



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INFRASTRUCTURE DEVELOPMENT AND DESIGN  
DIVISION

DESIGN STAFF: INITIAL / DATE  
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DRAWN BY: KAG  
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Department Manager III, AED-ADM

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Assistant Director General II, ADM

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Director General

NOTES/REVISIONS:

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IMPROVEMENT/REHABILITATION  
OF PASSENGER TERMINAL  
BUILDING AT CATARMAN  
AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

FOUNDATION PLAN

DRAWING SCALE: AS SHOWN  
SHEET NO: S-01  
01 06



# CONSTRUCTION NOTES:

## A. GENERAL

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

## B. CONCRETE AND REINFORCEMENT

1. ALL MATERIALS WORKMANSHIP SHALL CONFORM WITH THE LATEST BUILDING CODE OF AMERICAN CONCRETE INSTITUTE (ACI-318).
  2. ALL CONCRETE SHALL DEVELOP A MINIMUM COMPRESSIVE STRENGTH AT THE END OF TWENTY EIGHT (28) DAYS WITH CORRESPONDING MAXIMUM SIZE AGGREGATE AND SLUMPS AS FOLLOWS
- | LOCATION                  | 28 DAYS STRENGTH | MAX. SIZE AGGREGATE | MAX. SLUMP     |
|---------------------------|------------------|---------------------|----------------|
| SLAB ON GRADE             | 3000 PSI         | 1 in. (25 mm)       | 4 in. (100 mm) |
| WALL FOOTING              |                  |                     |                |
| SUSPENDED SLAB            |                  |                     |                |
| COUNTER TOP               |                  |                     |                |
| FOUNDATION & COLUMN, BEAM | 4000 PSI         | 3/4 in. (19 mm)     | 4 in. (100 mm) |
| ALL OTHERS                | 4000 PSI         | 3/4 in. (19 mm)     | 5 in. (125 mm) |

3. REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 40. FOR #12 & SMALLER REINFORCING BARS SHALL CONFORM TO ASTM A615 GRADE 60 FOR #16 & BIGGER.
  4. IN GENERAL, THE LATEST EDITION OF ACI-318, MANUAL OF STANDARD PRACTICE DETAILING REINFORCED CONCRETE STRUCTURES SHALL BE ADHERED TO UNLESS OTHERWISE SHOWN OR NOTED.
  5. MAINTAIN MINIMUM CONCRETE COVER FOR REINFORCING STEEL AS FOLLOWS:  
SUSPENDED SLABS  
SLAB ON GRADE  
WALLS ABOVE GRADE  
BEAM STIRRUPS AND COLUMN TIES  
WHERE CONCRETE IS EXPOSED TO EARTH BUT POURED AGAINST FORMS  
WHERE CONCRETE IS DEPOSITED DIRECTLY AGAINST EARTH
- | LOCATION  | MIN. COVER       |
|---|------------------|
| 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 OTHERWISE 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, CAMBER 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 PCL FOR LOAD BEARING TYPE CONCRETE BLOCKS A MINIMUM COMPRESSIVE STRENGTH OF 6.90 MPA. SHALL BE DEVELOPED.
2. PROVIDE 1-#16 VERTICAL BARS AT CORNERS, INTERSECTIONS, END OF WALLS, EACH SIDE OF OPENINGS.
3. LINTEL BEAMS SHALL BEAR AT LEAST 8 INCHES (200 MM.) ON EACH SIDE OF MASONRY WALL OPENING.
4. WALL REINFORCEMENTS SHALL BE AS FOLLOWS:

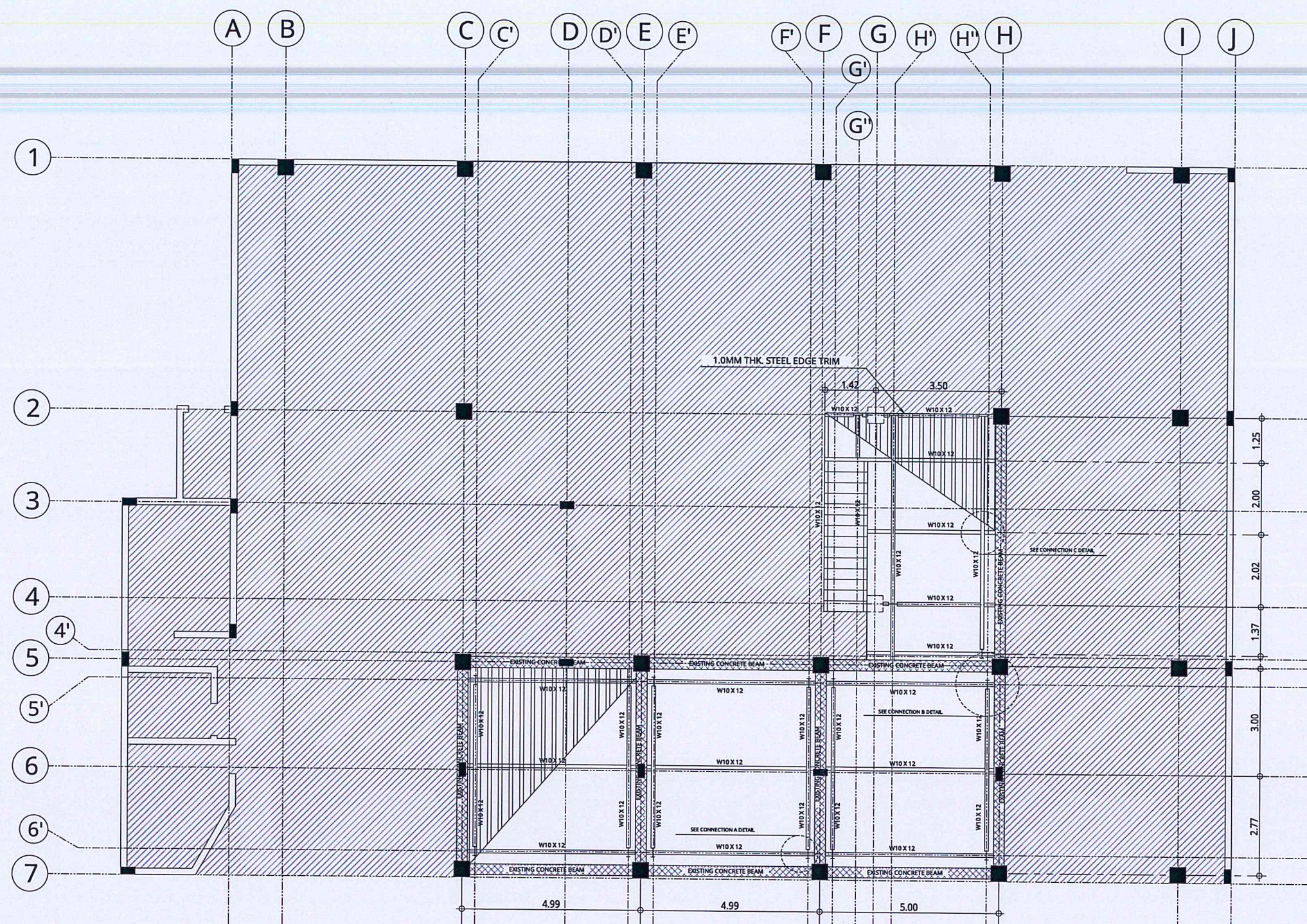
WALL THICKNESS	VERTICAL REINFORCEMENT	HORIZONTAL REINFORCEMENT
8 IN. (200 mm)	#12 @ 400 mm	#10 @ 600 mm
6 IN. (150 mm)	#10 @ 600 mm	#10 @ 600 mm
4 IN. (100 mm)	#10 @ 600 mm	#10 @ 600 mm

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

## E. STEEL NOTES:

1. ALL STRUCTURAL STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISC FOR ASTM A36 STEEL.
2. ALL COLD FORMED STEEL SHAPES SHALL CONFORM TO STD. REQUIREMENTS OF AISI FOR S100 S14 S16 S18 S20 S22 S24 S26 S28 S30 S32 S36 S40 S44 S48 S52 S56 S60 S66 S72 S76 S80 S84 S88 S92 S96 S100 S104 S108 S112 S116 S120 S124 S128 S132 S136 S140 S144 S148 S152 S156 S160 S164 S168 S172 S176 S180 S184 S188 S192 S196 S200 S204 S208 S212 S216 S220 S224 S228 S232 S236 S240 S244 S248 S252 S256 S260 S264 S268 S272 S276 S280 S284 S288 S292 S296 S300 S304 S308 S312 S316 S320 S324 S328 S332 S336 S340 S344 S348 S352 S356 S360 S364 S368 S372 S376 S380 S384 S388 S392 S396 S400 S404 S408 S412 S416 S420 S424 S428 S432 S436 S440 S444 S448 S452 S456 S460 S464 S468 S472 S476 S480 S484 S488 S492 S496 S500 S504 S508 S512 S516 S520 S524 S528 S532 S536 S540 S544 S548 S552 S556 S560 S564 S568 S572 S576 S580 S584 S588 S592 S596 S600 S604 S608 S612 S616 S620 S624 S628 S632 S636 S640 S644 S648 S652 S656 S660 S664 S668 S672 S676 S680 S684 S688 S692 S696 S700 S704 S708 S712 S716 S720 S724 S728 S732 S736 S740 S744 S748 S752 S756 S760 S764 S768 S772 S776 S780 S784 S788 S792 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S8136 S8140 S8144 S8148 S8152 S8156 S8160 S8164 S8168 S8172 S8176 S8180 S8





1 SECOND FLOOR FRAMING PLAN  
SCALE: 1:75 MTS.

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
DESIGNED BY:	IDDD
DRAWN BY:	KAG <i>[Signature]</i>
CHECKED BY:	

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REVIEWED BY:

RAUL R. CRUCENA  
 Division Chief III, IDDD-AED

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SUBMITTED BY:

ARNEL F. BORLADO  
 Department Manager III, AED-ADMS

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RECOMMEND APPROVAL:

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

---

APPROVED BY:

LT GEN RAUL L. DEL ROSARIO AFP (RET)  
 Director General

---

NOTES/REVISIONS:


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PROJECT:

IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

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LOCATION:

CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

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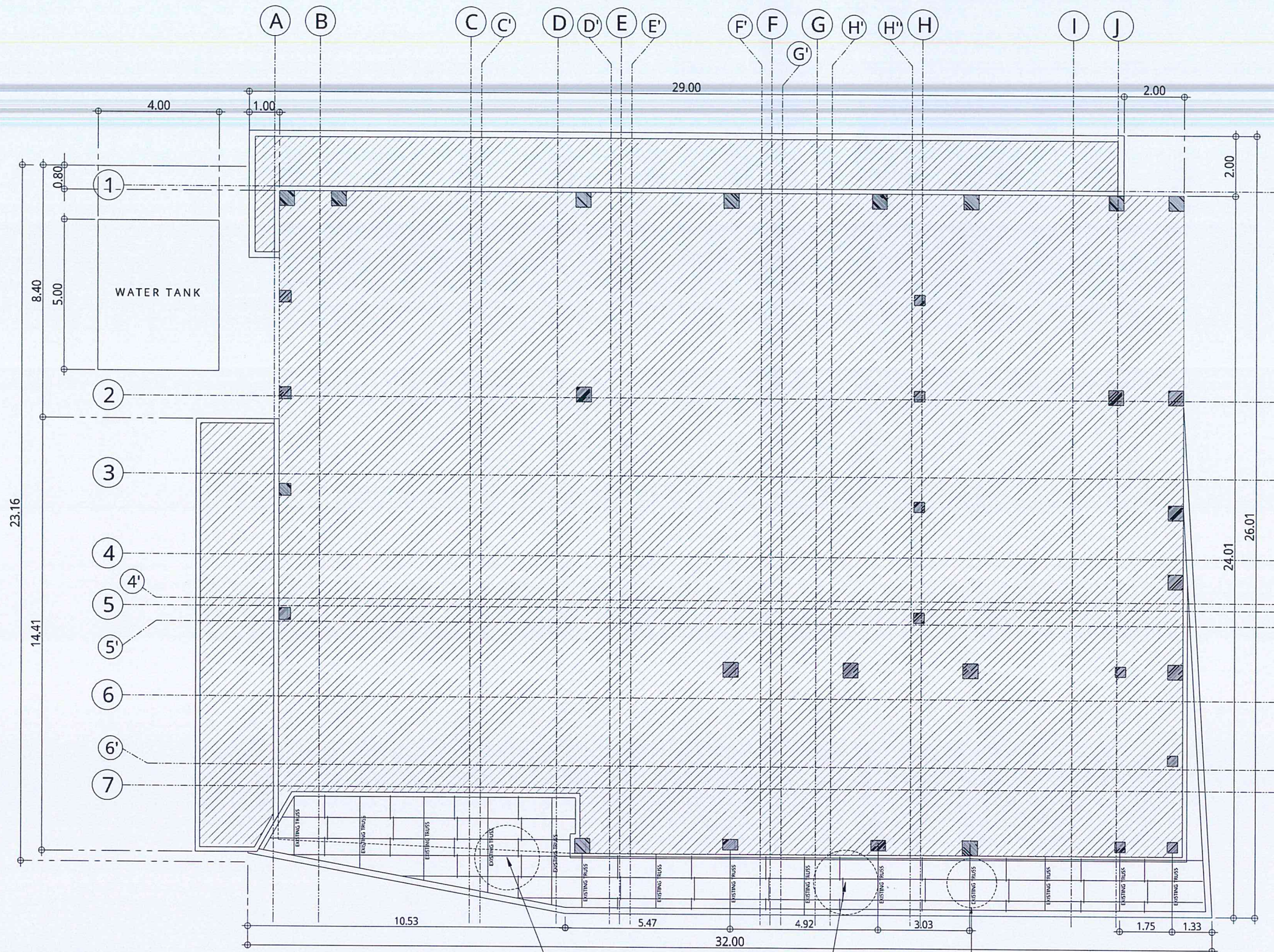
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SECOND FLOOR FRAMING PLAN

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DRAWING SCALE:	SHEET NO:
AS SHOWN	S-03
	03 06





1 ROOF FRAMING PLAN  
SCALE: 1:75 MTS.



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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Assistant Director General II, ADMS

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Director General

NOTES/REVISIONS:

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IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:

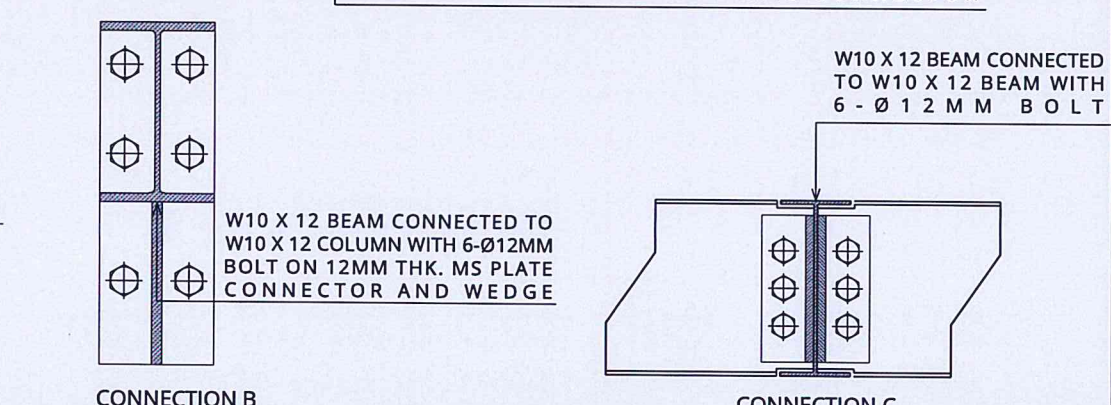
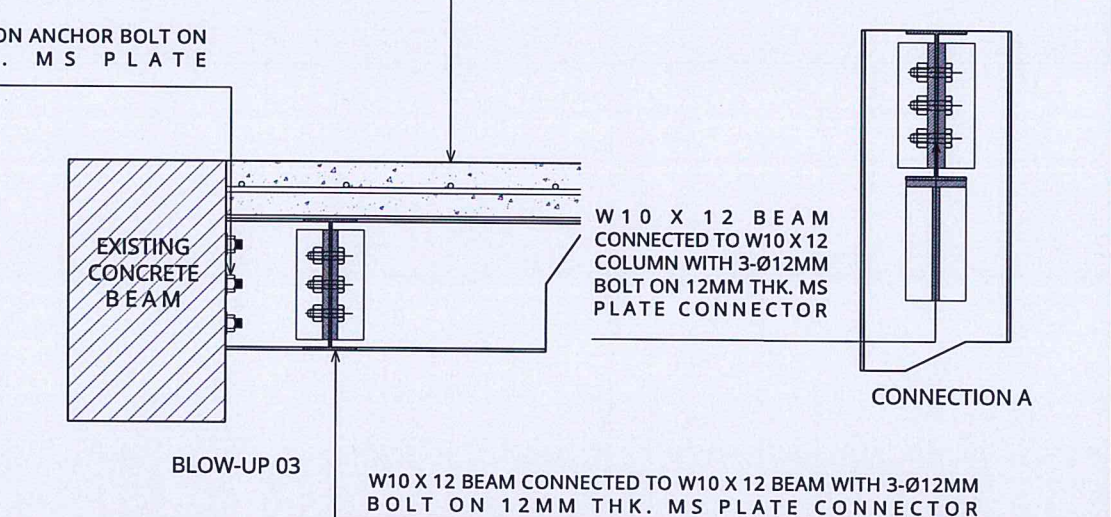
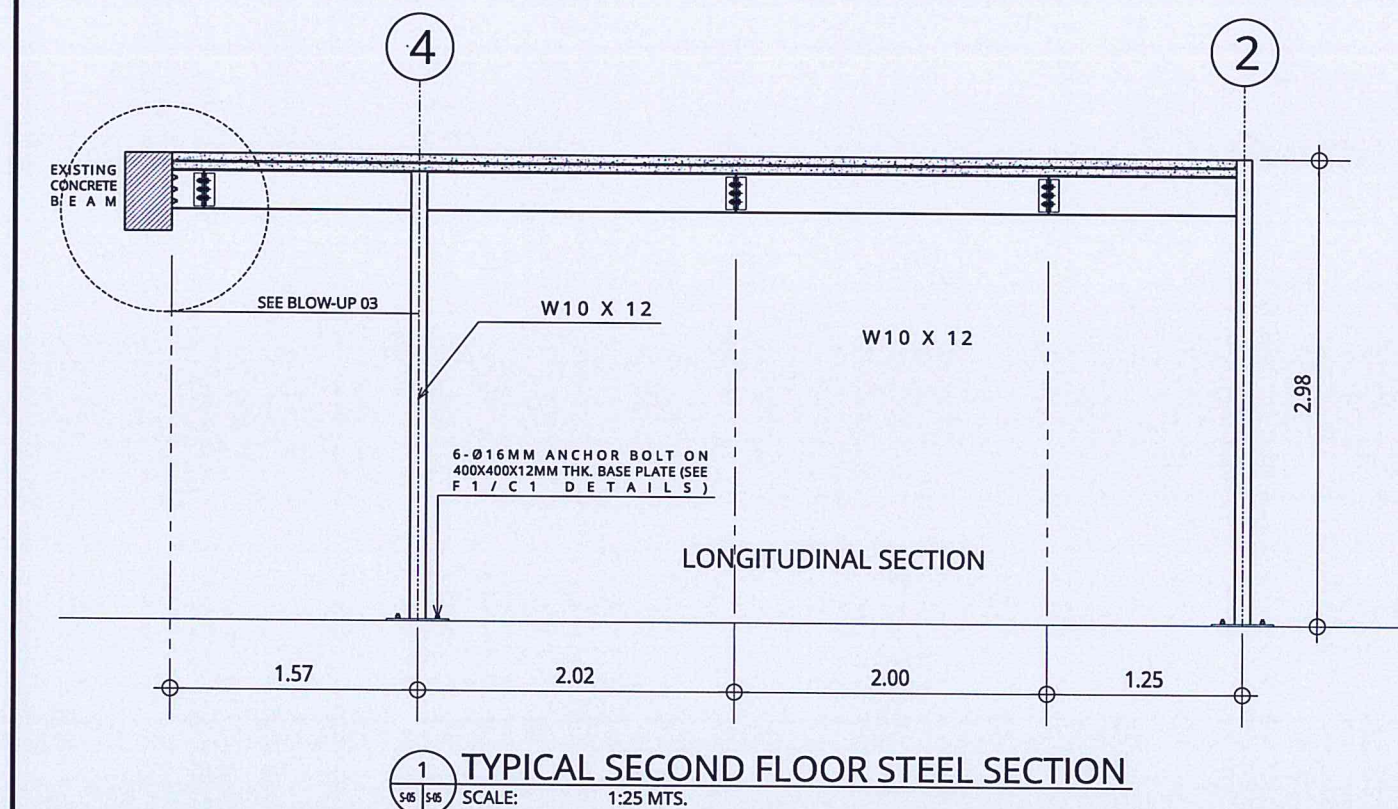
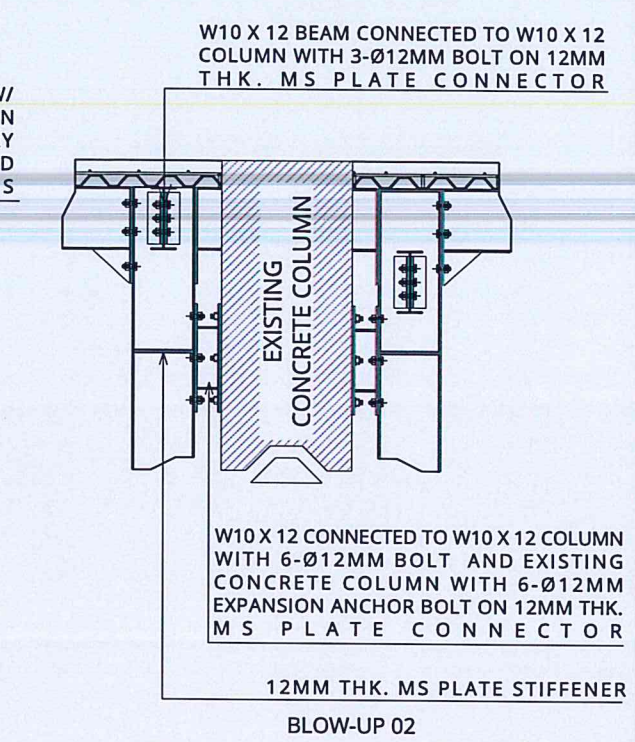
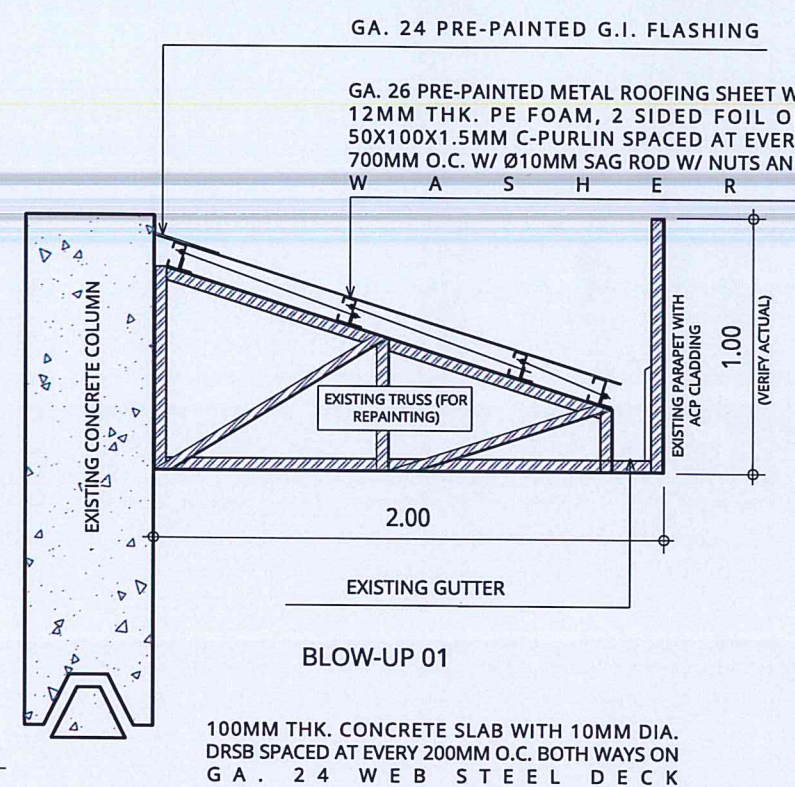
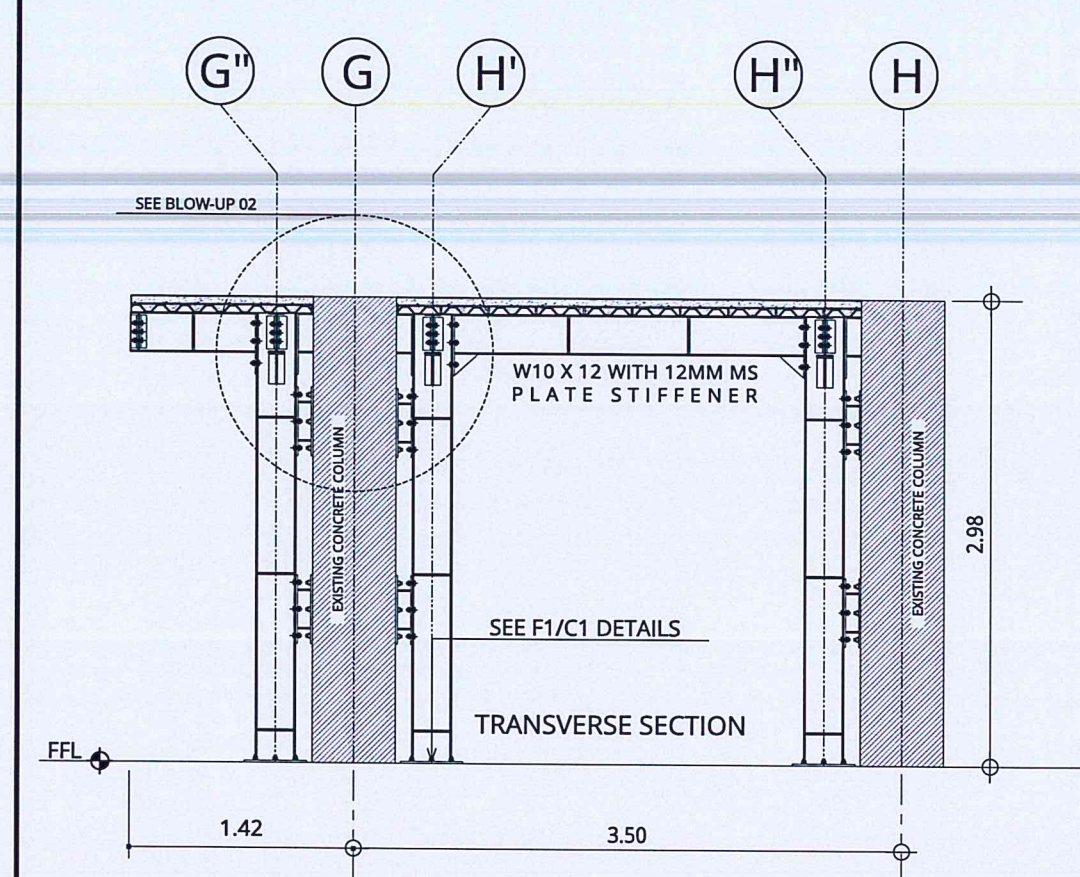
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

ROOF FRAMING PLAN

DRAWING SCALE:	SHEET NO:
AS SHOWN	S-04
	04 06





1 TYPICAL SECOND FLOOR STEEL SECTION  
SCALE: 1:25 MTS.

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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CHECKED BY:	

REVIEWED BY:

RAUL R. CRUCENA  
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 Department Manager III, AED-ADMS

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 Assistant Director General II, ADMS

APPROVED BY:

LT GEN. RAUL L. DEL ROSARIO AFP (RET)  
 Director General

NOTES/REVISIONS:


PROJECT: IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

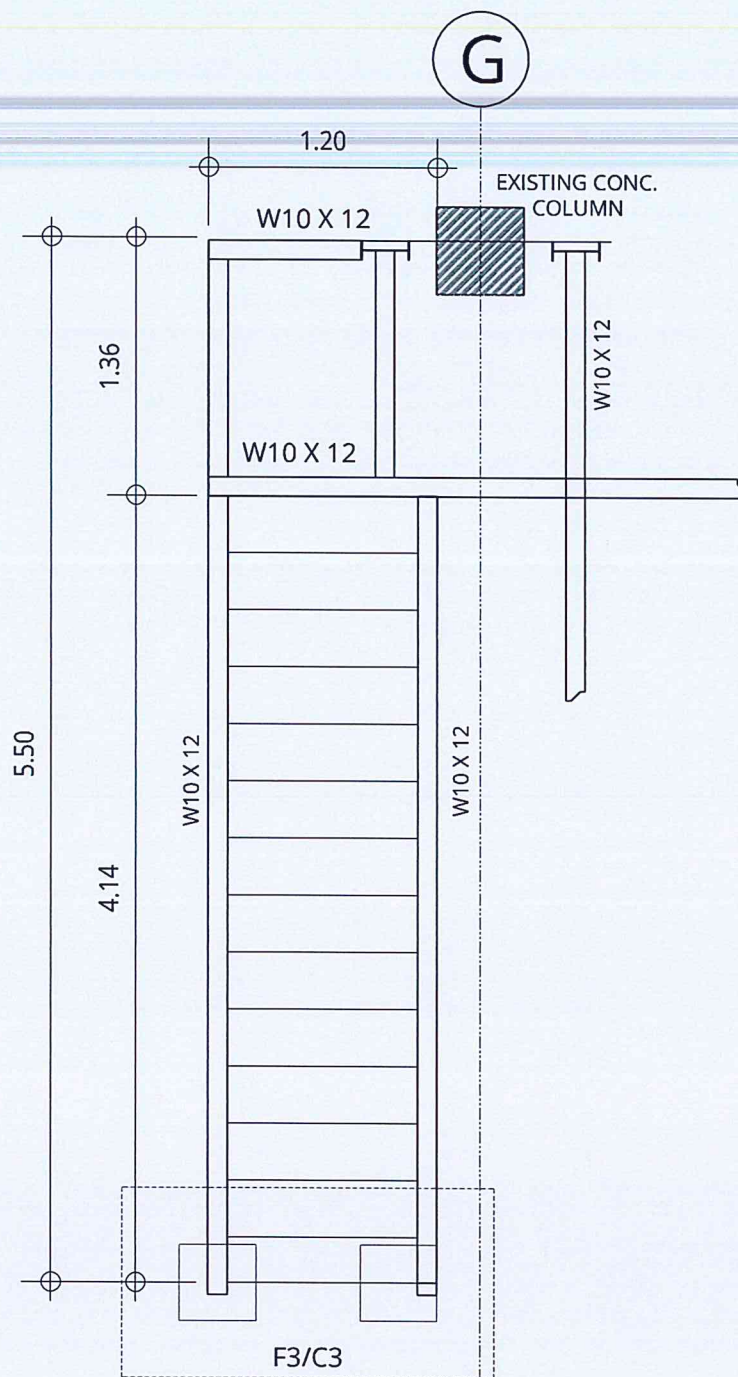
LOCATION: CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

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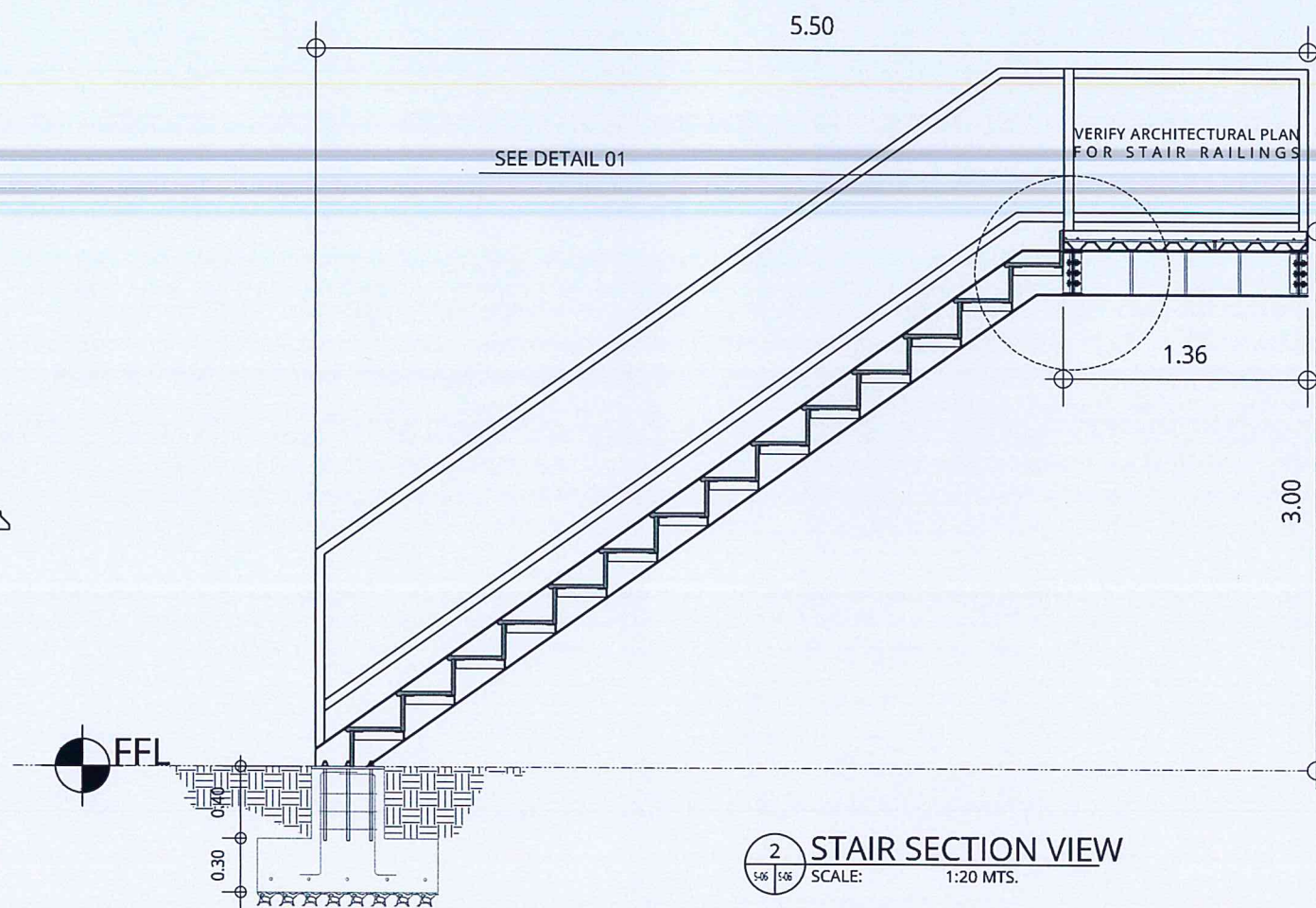
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DRAWING SCALE:	SHEET NO:
AS SHOWN	S-05
	05 06

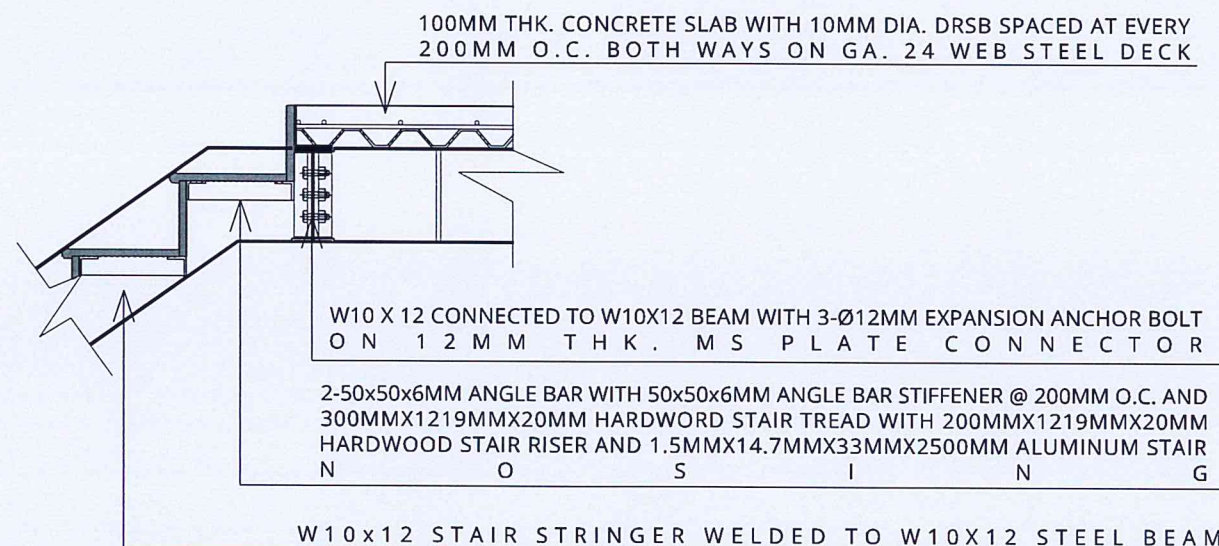






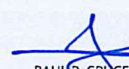


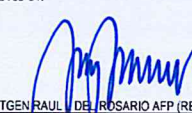
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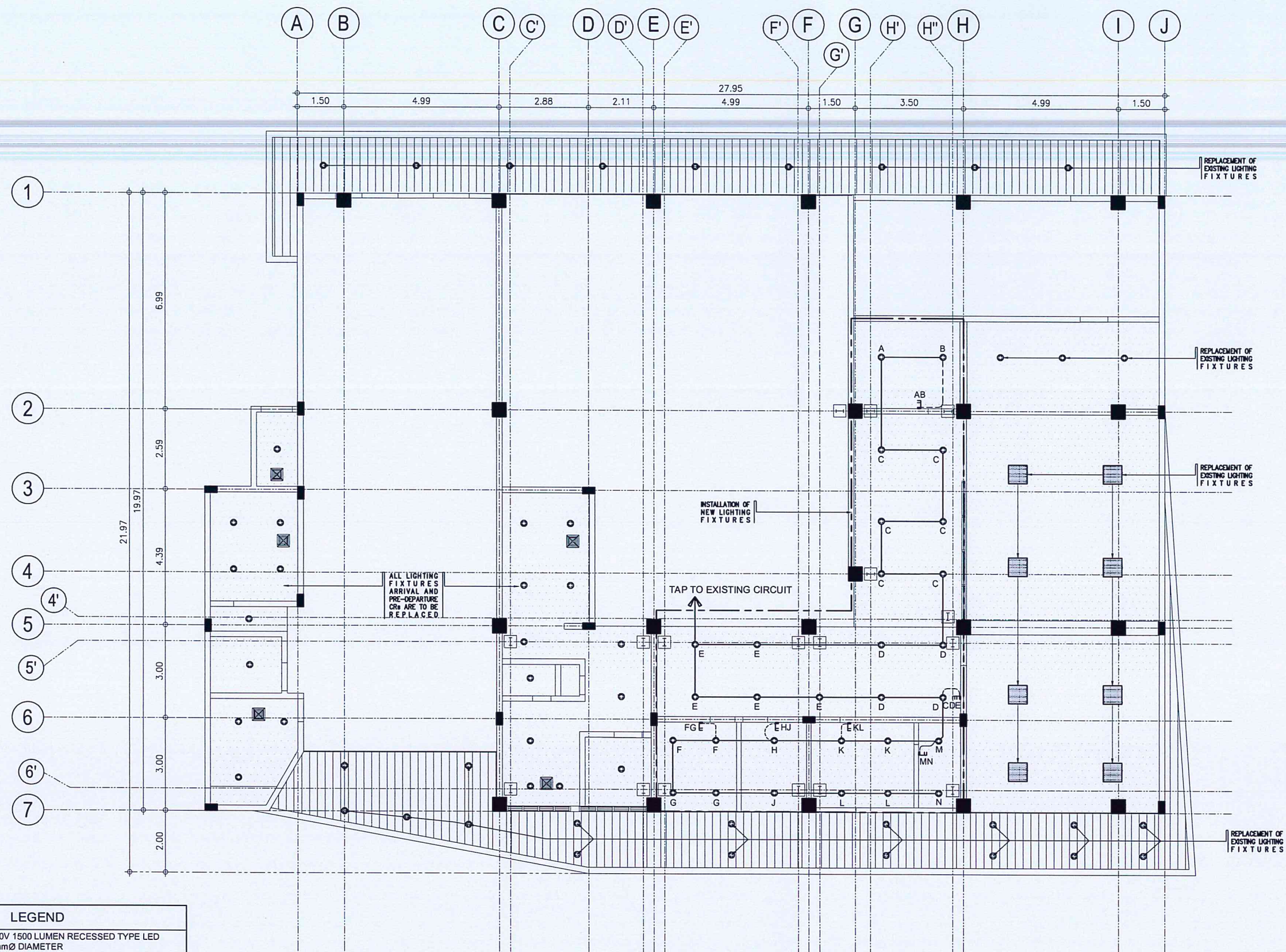
2 STAIR SECTION VIEW  
SCALE: 1:20 MTS.



3 STAIR DETAIL 01  
SCALE: 1:10 MTS.

 	
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 LTGEN. RAUL D. ROSARIO AFP (RET) Director-General	
NOTES/REVISIONS:	
PROJECT:	
IMPROVEMENT/REHABILITATION OF CATARMAN PTB	
LOCATION:	
CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS:	
STAIR DETAILS	
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

DESIGN STAFF:	INITIAL / DATE
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Director General

NOTES/REVISIONS:

PROJECT:  
IMPROVEMENT/REHABILITATION  
OF PASSENGER TERMINAL  
BUILDING AT CATARMAN  
AIRPORT

LOCATION:

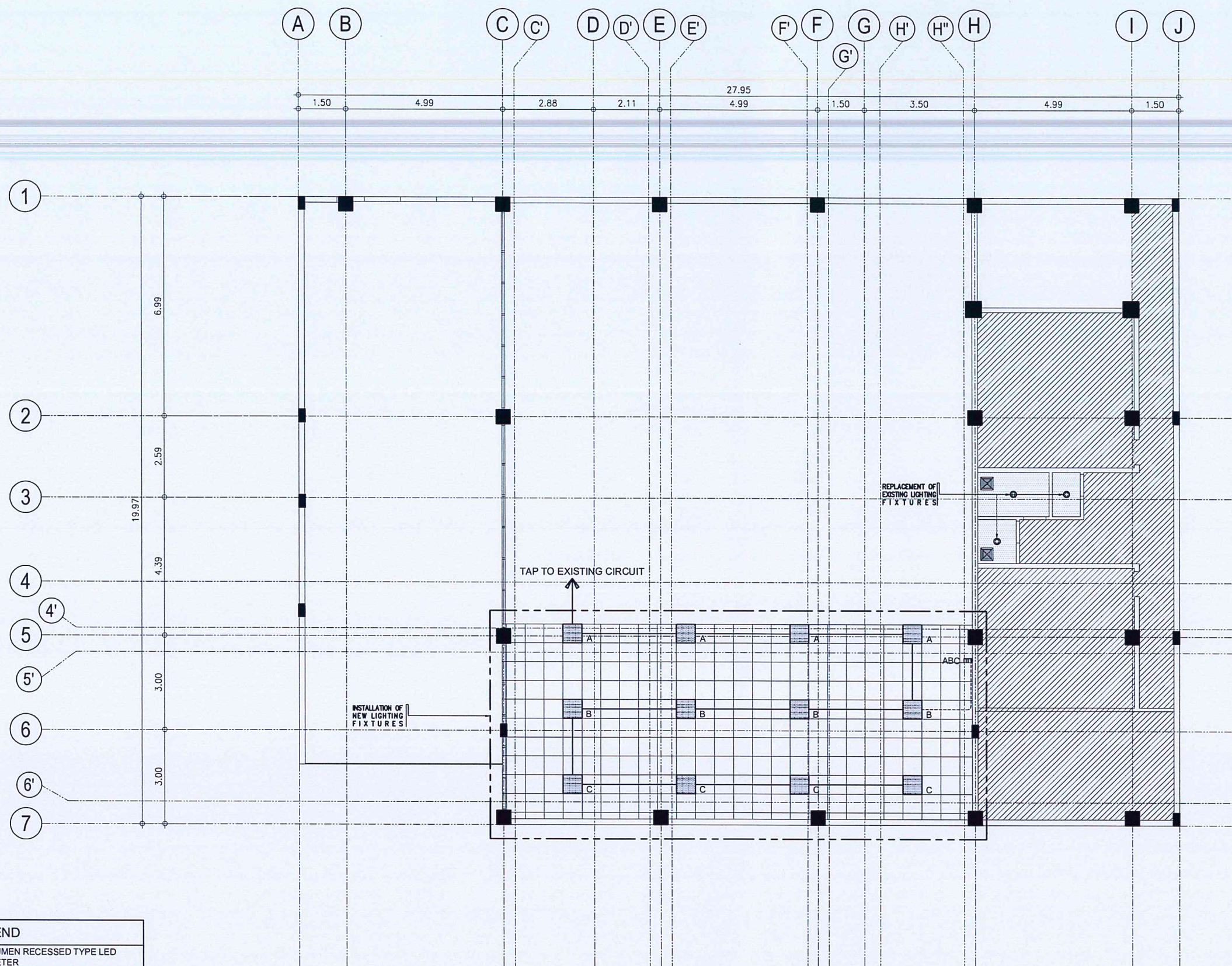
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

• LIGHTING LAYOUT PLAN (LOWER PORTION)

DRAWING SCALE:	SHEET NO:
1:75 M	E 01





LEGEND	
	15 WATTS 220V-240V 1500 LUMEN RECESSED TYPE LED DOWNLIGHT, 150mmØ DIAMETER
	40 WATTS 220V-240V 4000 LUMEN 6500K RECESSED TYPE LED PANEL LIGHT, 0.60m x 0.60m
	0.30M X 0.30M WHITE CEILING TYPE EXHAUST FAN
	TWO GANG SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER
	THREE GANG SWITCH, 16A, 250V, WIDE SERIES, WITH DEVICE PLATE COVER

NOTE:

1. FOR THE BRANCH CIRCUIT CONDUCTORS FOR LIGHTING OUTLETS, USE 2-3.5mm<sup>2</sup> THHN/THWN-2 + 1-3.5mm<sup>2</sup> THHN/THWN-2 (G) IN 15mmØ ELECTRICAL METALLIC TUBING.

1  
E-2 E-2

UPPER PORTION  
LIGHTING LAYOUT PLAN

SCALE: 1 : 75 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
HAGA ROAD, 1249 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

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NOTES/REVISIONS

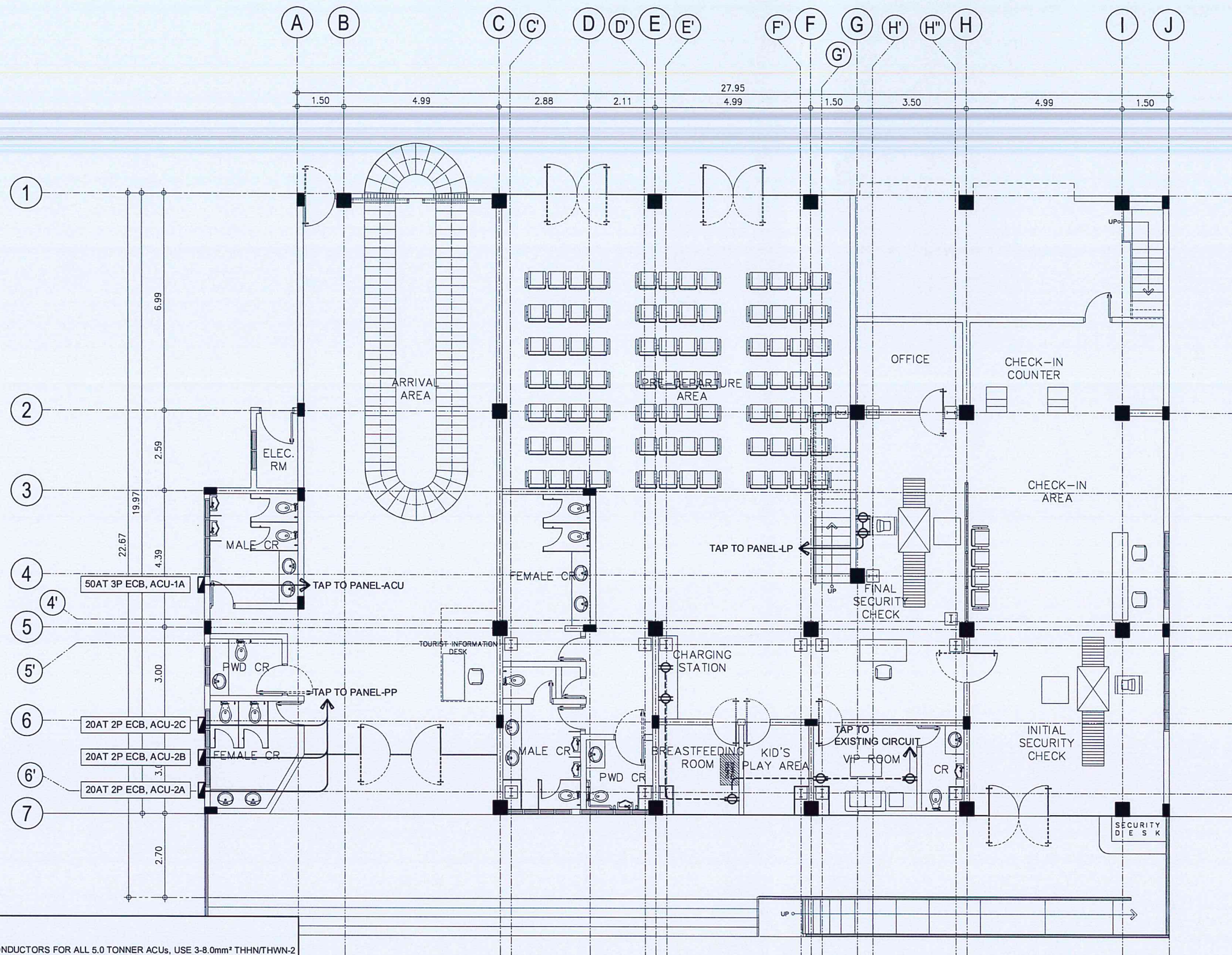
PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:  
• LIGHTING LAYOUT PLAN (UPPER PORTION)

DRAWING SCALE:	SHEET NO:
1 : 75 M	E 02





# NOTES:

- FOR THE BRANCH CIRCUIT CONDUCTORS FOR ALL 5.0 TONNER ACUs, USE 3-8.0mm<sup>2</sup> THHN/THWN-2 + 1-3.5mm<sup>2</sup> THHN/THWN-2 (G) IN 20mmØ ELECTRICAL METALLIC TUBING. THIS INCLUDES THE REPLACEMENT OF ALL EXISTING BRANCH CIRCUIT CONDUCTORS. ALSO REPLACE ALL BRANCH CIRCUIT BREAKERS AT PANEL-ACU WITH 50AT 3-POLE BOLT-ON TYPE CIRCUIT BREAKER.
- FOR THE BRANCH CIRCUIT CONDUCTORS FOR 1.0HP ACUs, USE 2-3.5mm<sup>2</sup> THHN/THWN-2 + 1-3.5mm<sup>2</sup> THHN/THWN-2 (G) IN 15mmØ ELECTRICAL METALLIC TUBING.
- FOR THE BRANCH CIRCUIT CONDUCTORS FOR CONVENIENCE OUTLETS, USE 2-3.5mm<sup>2</sup> THHN/THWN-2 + 1-3.5mm<sup>2</sup> THHN/THWN-2 (G) IN 15mmØ ELECTRICAL METALLIC TUBING.

## LEGEND

	DUPLUX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16-AMPERE, 250-VOLTS, WIDE SERIES
	ENCLOSED CIRCUIT BREAKER IN NEMA 3R ENCLOSURE FOR AIR COOLED CONDENSING UNIT (ACCU)

1  
E-3 E-3

## GROUND FLOOR POWER LAYOUT PLAN

SCALE:

1 : 75 M



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NAIA ROAD, 1349 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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Director General

NOTES/REVISIONS:


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LOCATION:

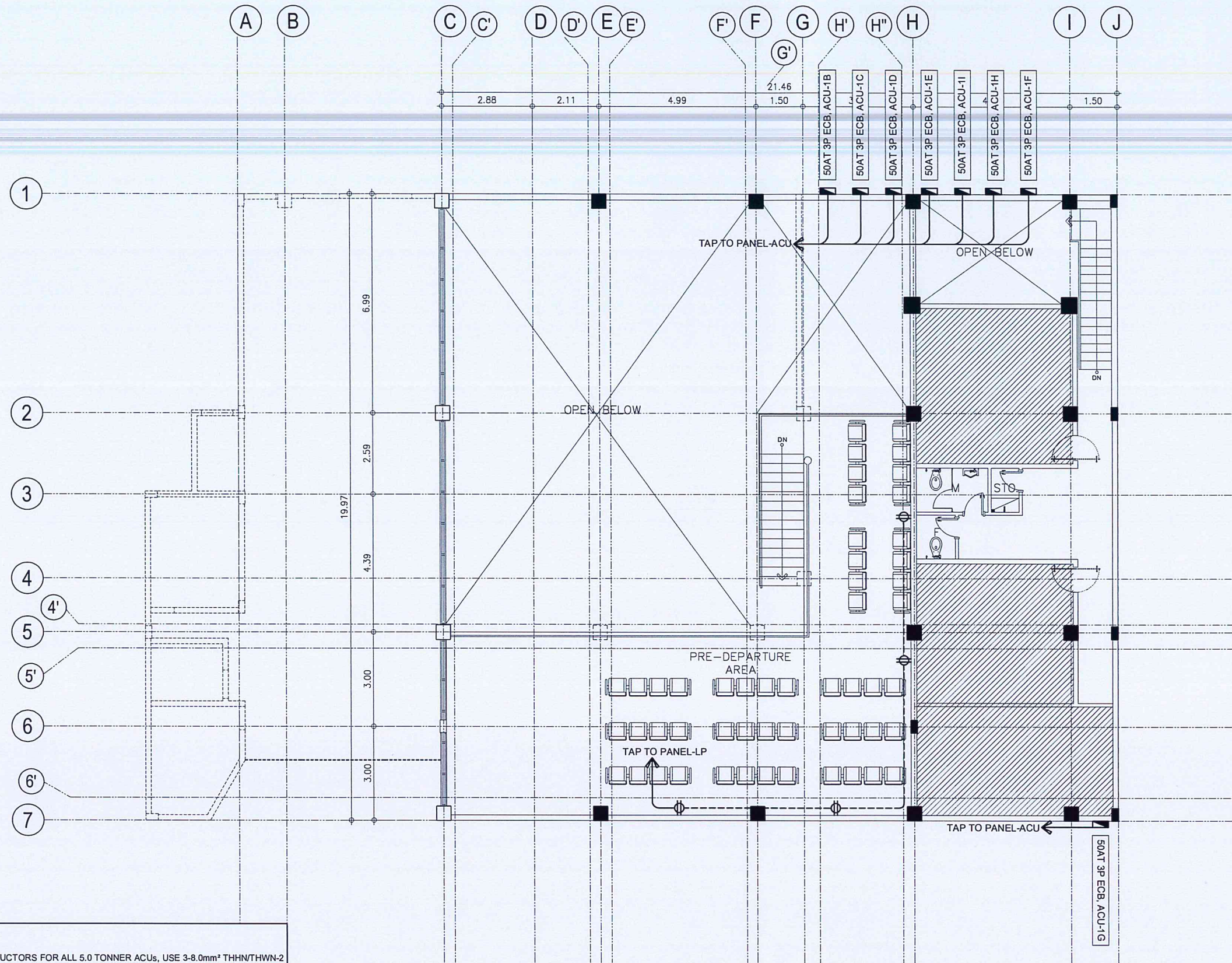
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

• GROUND FLOOR POWER LAYOUT PLAN

DRAWING SCALE:	SHEET NO:
1 : 75 M	E 03





- NOTES:**
1. FOR THE BRANCH CIRCUIT CONDUCTORS FOR ALL 5.0 TONNER ACUs, USE 3-8.0mm<sup>2</sup> THHN/THWN-2 + 1-3.5mm<sup>2</sup> THHN/THWN-2 (G) IN 20mmØ ELECTRICAL METALLIC TUBING. THIS INCLUDES THE REPLACEMENT OF ALL EXISTING BRANCH CIRCUIT CONDUCTORS. ALSO REPLACE ALL BRANCH CIRCUIT BREAKERS AT PANEL-ACU WITH 50AT 3-POLE BOLT-ON TYPE CIRCUIT BREAKER.
  2. FOR THE BRANCH CIRCUIT CONDUCTORS FOR 1.0HP ACUs, USE 2-3.5mm<sup>2</sup> THHN/THWN-2 + 1-3.5mm<sup>2</sup> THHN/THWN-2 (G) IN 15mmØ ELECTRICAL METALLIC TUBING.
  3. FOR THE BRANCH CIRCUIT CONDUCTORS FOR CONVENIENCE OUTLETS, USE 2-3.5mm<sup>2</sup> THHN/THWN-2 + 1-3.5mm<sup>2</sup> THHN/THWN-2 (G) IN 15mmØ ELECTRICAL METALLIC TUBING.

LEGEND	
	DUPLEX UNIVERSAL CONVENIENCE OUTLET WITH GROUND, 16AMP, 250V, WIDE SERIES
	ENCLOSED CIRCUIT BREAKER IN NEMA 3R ENCLOSURE FOR AIR COOLED CONDENSING UNIT (ACCU)

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

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
NAIA ROAD, 1205 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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Director General

NOTES/REVISIONS:

PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:  
• SECOND FLOOR POWER LAYOUT PLAN

DRAWING SCALE: 1 : 75 M

SHEET NO: E 04



GENERAL NOTES:

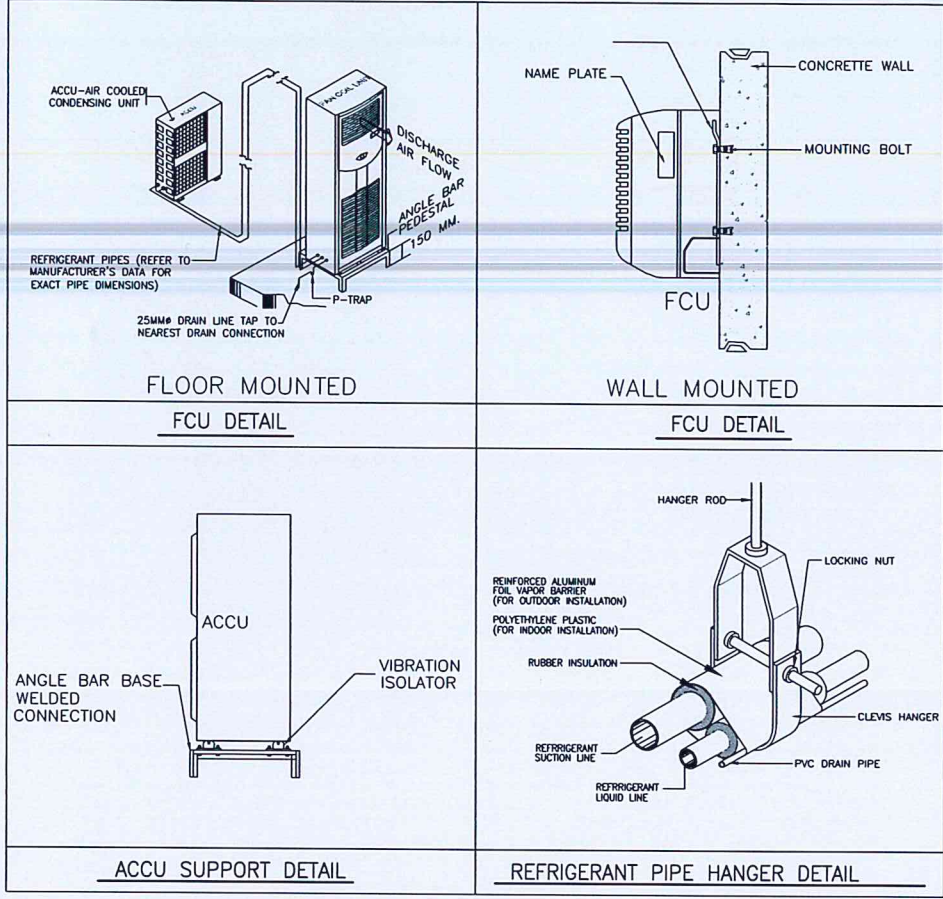
1. IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTINGS, DUCT FITTINGS, VALVES, DAMPERS, HANGERS/SUPPORTS, ETC.. ALL SUCH ITEM WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED IF NECESSARY TO COMPLETE THE SYSTEM TO THE SATISFACTION OF 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/ OTHER TRADES FOR THE ACTUAL LOCATION OF EQUIPMENTS AND PIPE ROUTING.
9. FINAL EQUIPMENT 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 BY 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.

1 GENERAL NOTES  
M-01/M-01 SCALE: NTS

LEGENDS:

- 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  
FAN COIL UNIT (INDOOR UNIT, VER. SPECS) CAPITAL LETTER ON SQUARE CORRESPONDS TO THE ACCU AND EQUIPMENT TAG NUMBER INDICATES TYPE OF FCU
- WALL MOUNTED SPLIT TYPE
- FLOOR STANDING TYPE FAN COIL UNIT (FCU)
- COPPER TUBING GOING UP
- COPPER TUBING GOING DOWN

2 LEGENDS  
M-01/M-01 SCALE: NTS



3 MISCELLANEOUS DETAILS  
M-01/M-01 SCALE: NTS

FAN COIL UNIT (INDOOR UNIT)

MARK	QTY.	LOCATION / AREA SERVED	COOLING LOAD/UNIT HP (TR)	DRAIN LINE mm (IN)	REFRIGERANT PIPE CONNECTION TYPE	ELECTRICAL DATA				GROSS WEIGHT KG (LBS)	REMARKS
						V	PH	HZ	A		
FCU 1	9	ARRIVAL AREA, PRE-DEPARTURE, CHECK-IN AREA, INITIAL SECURITY CHECK	6.0 (5.0)	25 (1)	R-410A 19.05 (3/4) 9.53 (3/8)	230	3	60	15.4	74 (162.8)	INVERTER FLOOR STANDING TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE WIRELESS, TEMPERATURE CONTROLLER, FAN SPEED SWITCH, DRAIN PUMP, ISOLATING VALVES, EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
FCU 2	3	KID'S PLAY AREA, VIP ROOM, BREASTFEEDING ROOM	1.0	25 (1)	R-32 9.53 (3/8) 6.35 (1/4)	230	1	60	3.4	10.5 (23.1)	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE WIRELESS, TEMPERATURE CONTROLLER, FAN SPEED SWITCH, DRAIN PUMP, ISOLATING VALVES, EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
FCU 3	1	ADMIN OFFICE	2.0	25 (1)	R-32 12.7 (1/2) 6.35 (1/4)	230	1	60	7.5	15.1 (33.22)	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE WIRELESS, TEMPERATURE CONTROLLER, FAN SPEED SWITCH, DRAIN PUMP, ISOLATING VALVES, EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.
FCU 4	1	FINAL SECURITY	3.0	25 (1)	R-32 15.9 (5/8) 6.35 (1/4)	230	1	60	9.2	16.9 (37.18)	INVERTER WALL MOUNTED TYPE INDOOR FREE BLOW FAN COIL UNIT COMPLETE WITH REMOTE WIRELESS, TEMPERATURE CONTROLLER, FAN SPEED SWITCH, DRAIN PUMP, ISOLATING VALVES, EQUIPMENT SUPPORT AND STANDARD ACCESSORIES.

AIR COOLED CONDENSING UNIT (OUTDOOR UNIT)

MARK	QTY.	CAPACITY HP (TR)	EQUIPMENT SERVED	DRAIN LINE mm (IN)	REFRIGERANT PIPE CONNECTION TYPE	ELECTRICAL DATA				GROSS WEIGHT KG (LBS)	REMARKS
						V	PH	HZ	A		
ACCU 1	9	6.0 (5.0)	FCU-1	25 (1)	R-410A 19.05 (3/4) 9.53 (3/8)	230	3	60	15.4	106 (233.2)	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ISOLATING VALVES, DISCONNECT SWITCH, ELECTRICAL CONNECTION AND EQUIPMENT PAD. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
ACCU 2	3	1.0	FCU-2	25 (1)	R-32 9.52 (3/8) 6.35 (1/4)	230	1	60	3.4	28.8 (63.36)	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ISOLATING VALVES, DISCONNECT SWITCH, ELECTRICAL CONNECTION AND EQUIPMENT PAD. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
ACCU 3	1	2.0	FCU-3	25 (1)	R-32 12.7 (1/2) 6.35 (1/4)	230	1	60	7.5	28.8 (63.36)	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ISOLATING VALVES, DISCONNECT SWITCH, ELECTRICAL CONNECTION AND EQUIPMENT PAD. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.
ACCU 4	1	3.0	FCU-4	25 (1)	R-32 15.9 (5/8) 6.35 (1/4)	230	1	60	9.2	47.8 (105.16)	INVERTER FLOOR MOUNTED AIR COOLED CONDENSER UNIT COMPLETE WITH CONDENSER FAN, HERMETIC COMPRESSOR, ISOLATING VALVES, DISCONNECT SWITCH, ELECTRICAL CONNECTION AND EQUIPMENT PAD. THE UNIT SHALL BE THE SAME MANUFACTURER OF FCU.

4 EQUIPMENT SCHEDULE  
M-01/M-01 SCALE: NTS

CAA  
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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
NAIA ROAD, 1305 PASAY CITY

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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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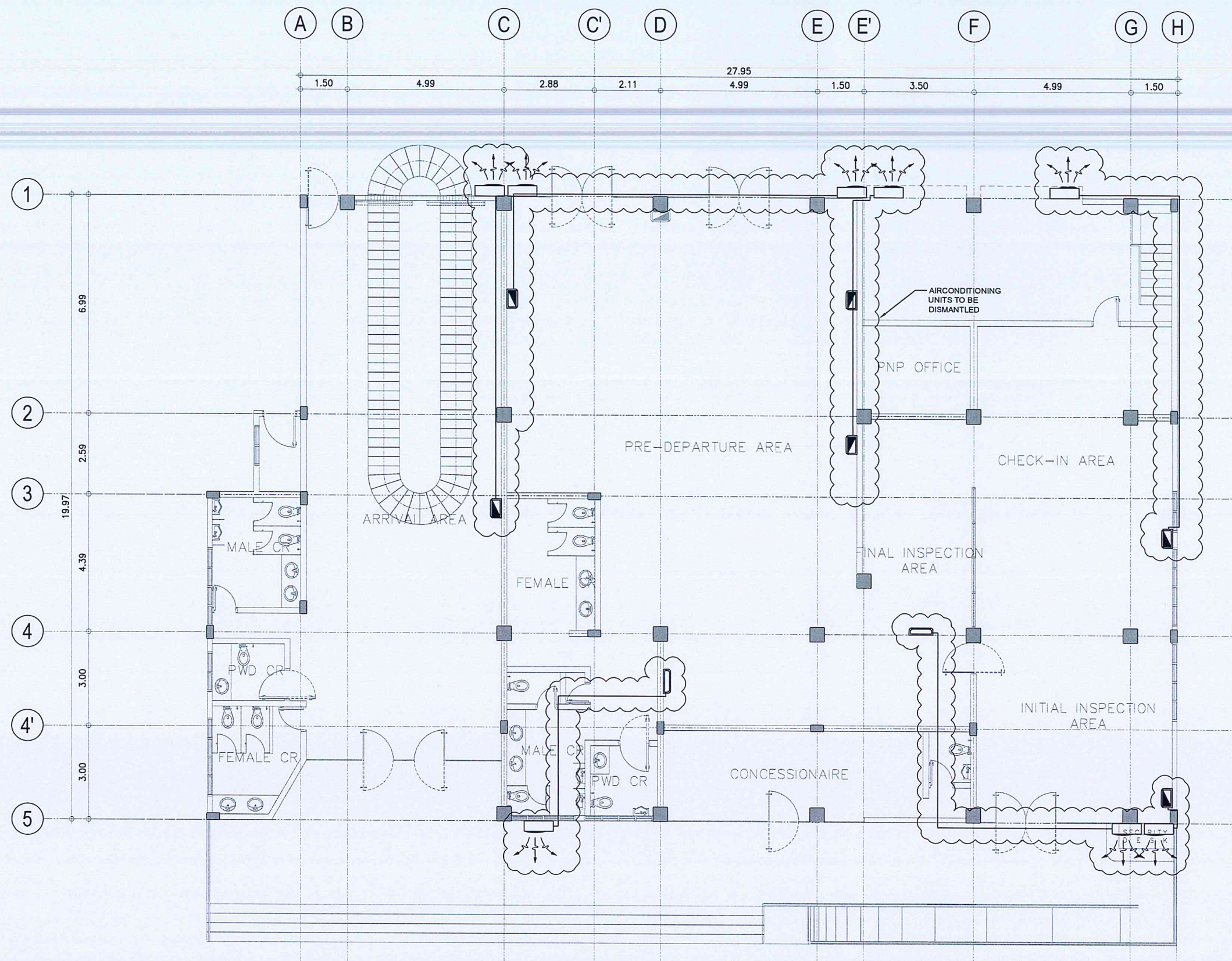
PROJECT:  
IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR







SHEET CONTENTS:  
• GENERAL NOTES  
• LEGENDS  
• MISCELLANEOUS DETAILS  
• EQUIPMENT SCHEDULE

DRAWING SCALE: NTS SHEET NO: 01 07

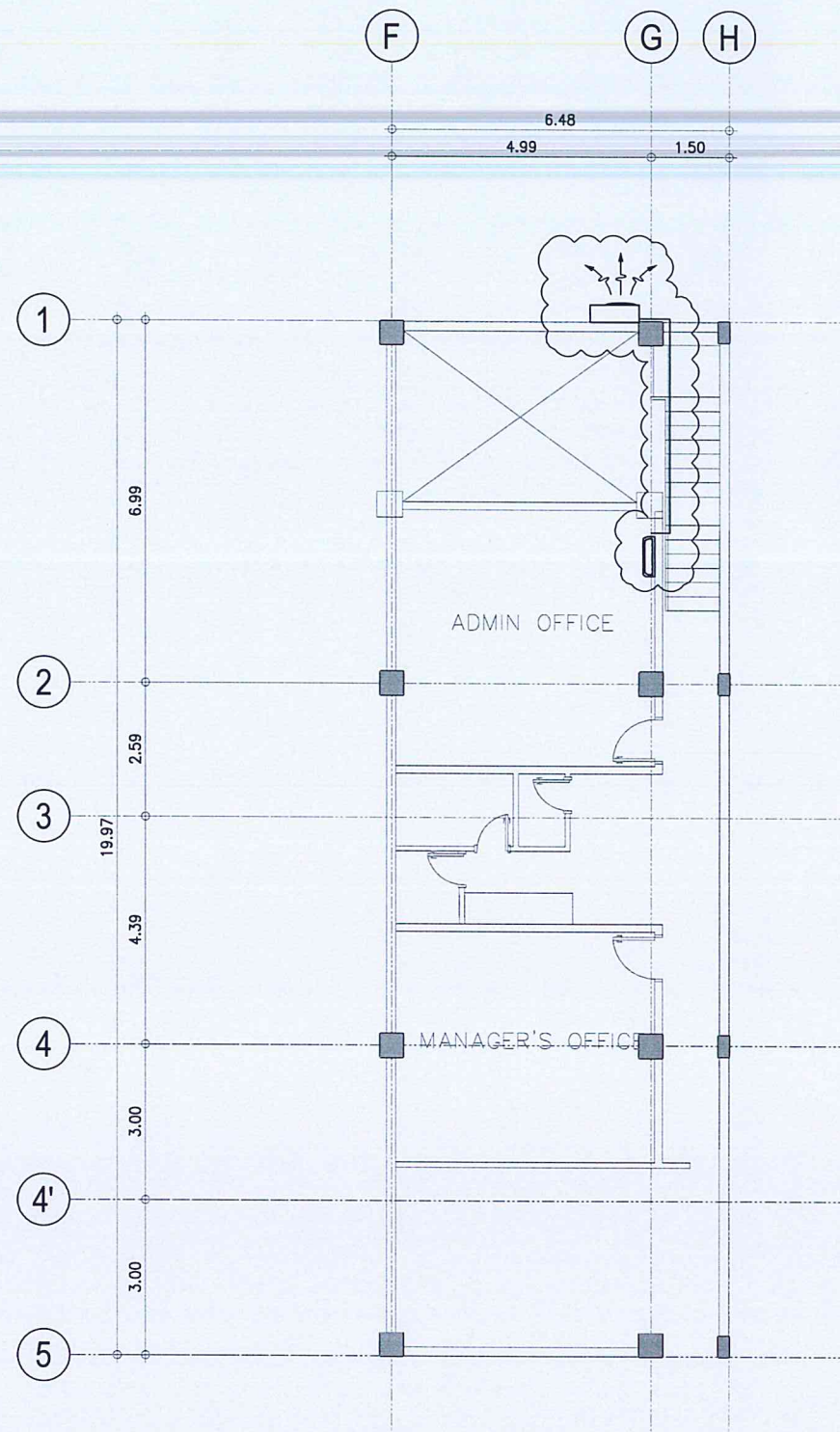




GROUND FLOOR  
**AIRCONDITIONING DEMOLITION PLAN**  
 SCALE: 1 : 75 M

 	
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PROJECT: IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT	
LOCATION: CATARMAN AIRPORT BRGY. CATARMAN, NORTHERN SAMAR	
SHEET CONTENTS: • GROUND FLOOR DEMOLITION PLAN	
DRAWING SCALE:	SHEET NO.
1 : 75 M	M 02 07





SECOND FLOOR  
**AIRCONDITIONING DEMOLITION PLAN**  
 SCALE: 1 : 75 M



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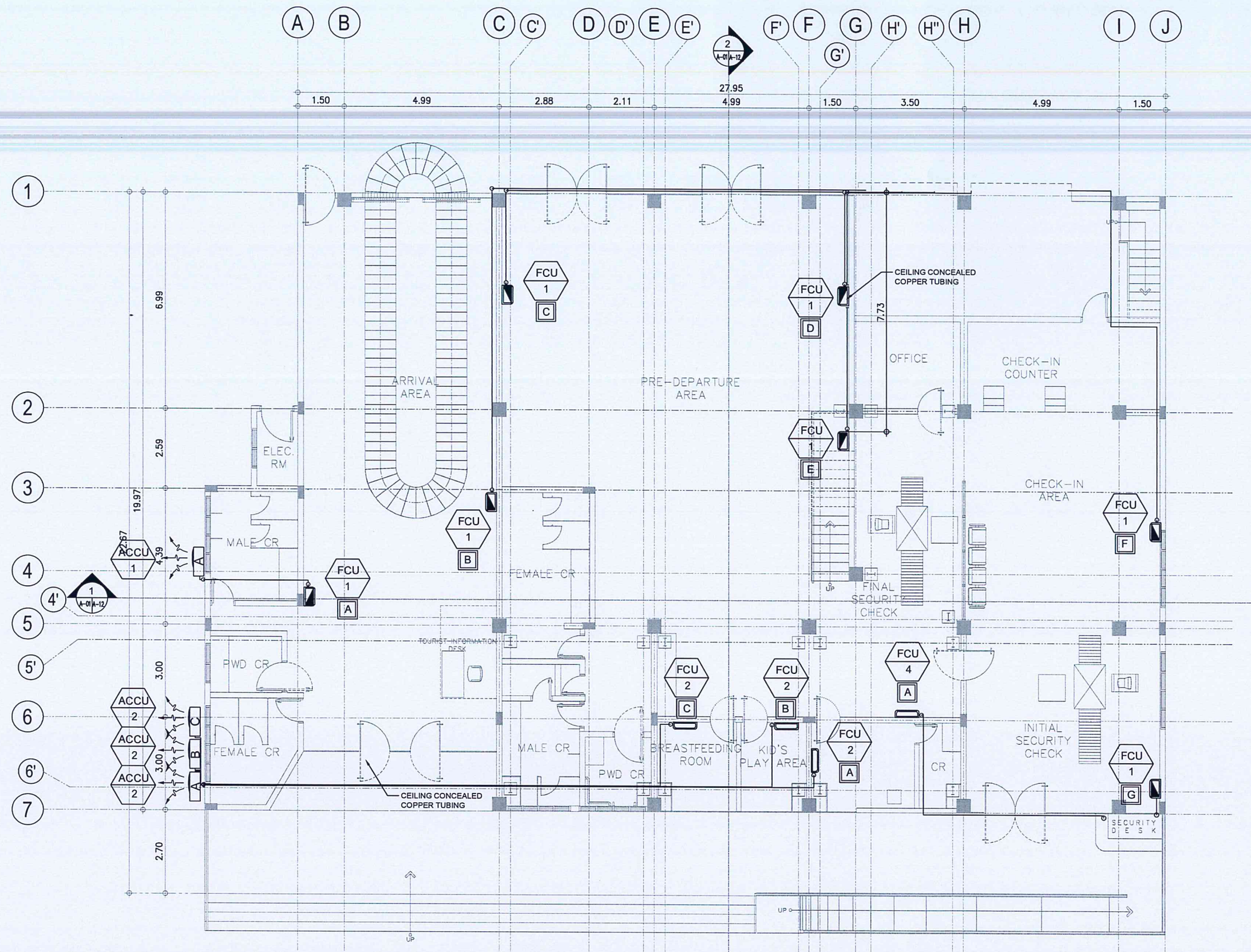
CATARMAN AIRPORT  
 BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

• SECOND FLOOR DEMOLITION PLAN

DRAWING SCALE:	SHEET NO:
1 : 75 M	M 03 07





GROUND FLOOR  
**AIRCONDITIONING LAYOUT**  
 SCALE: 1 : 75 M



REPUBLIC OF THE PHILIPPINES  
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 NAWA ROAD, 1500 PASAY CITY

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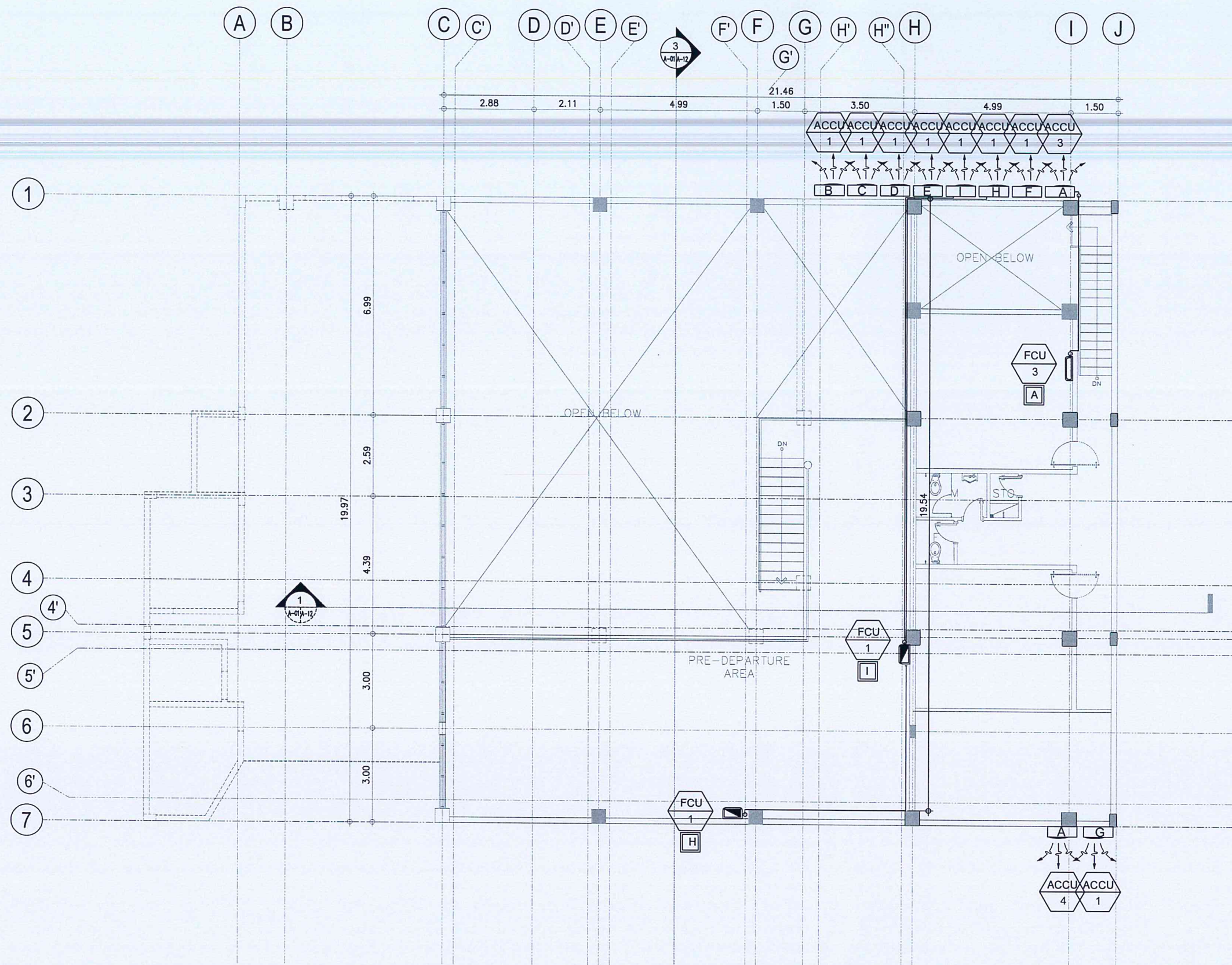
CATARMAN AIRPORT  
 BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

• GROUND FLOOR PLAN

DRAWING SCALE:	SHEET NO.
1 : 75 M	M 04 07





1  
W-05M-05  
SECOND FLOOR  
AIRCONDITIONING LAYOUT  
SCALE: 1 : 75 M



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AERODROME DEVELOPMENT AND MANAGEMENT SERVICE  
MAIN ROAD, 1238 PASAY CITY

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CAAP.

AERODROME DEVELOPMENT  
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN  
DIVISION

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

REVIEWED BY:

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Assistant Director General II, ADMS

APPROVED BY:

LTGEN RAUL L. DEL ROSARIO AFP (RET)  
Director General

NOTES/REVISIONS:

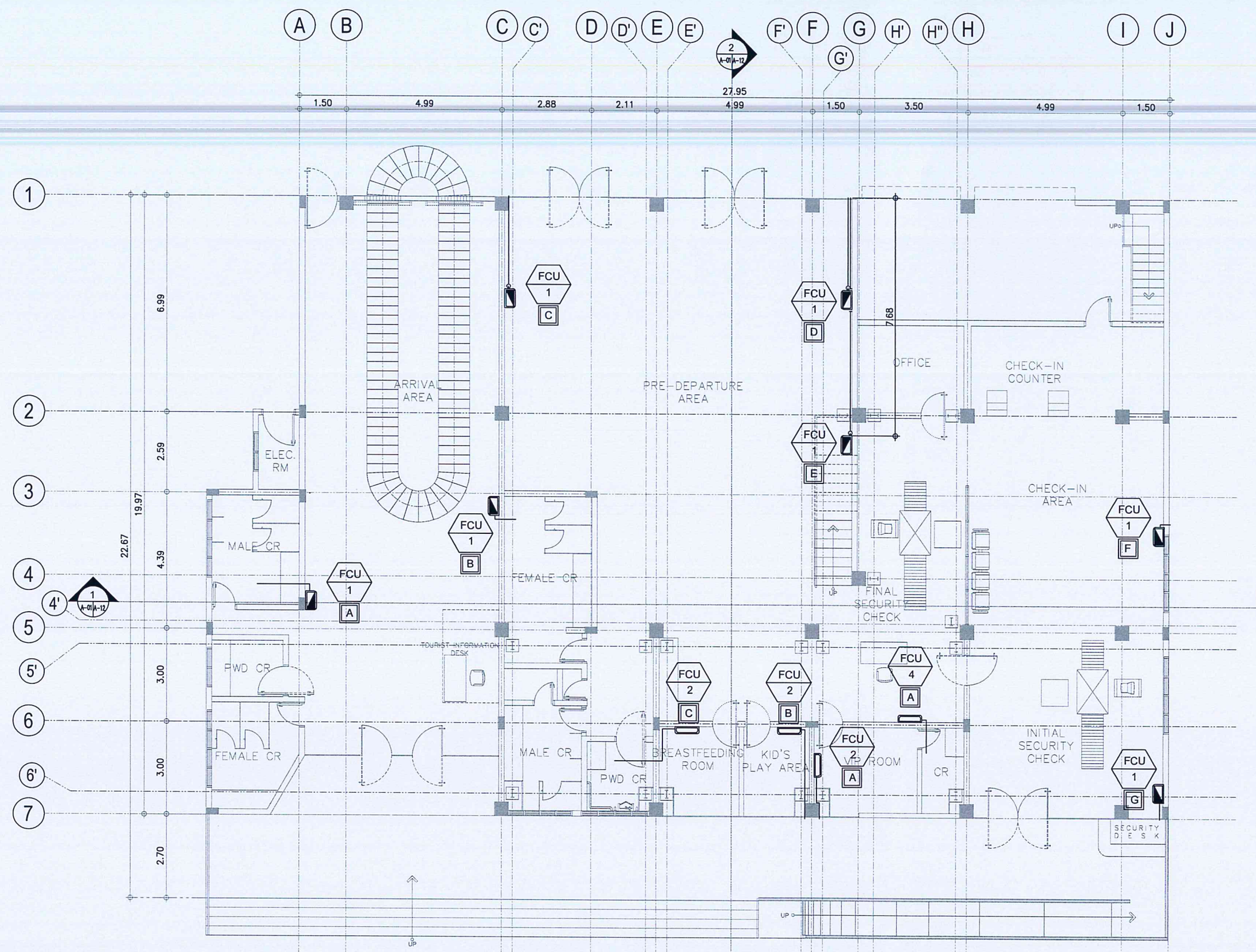
PROJECT:  
IMPROVEMENT/REHABILITATION  
OF PASSENGER TERMINAL  
BUILDING AT CATARMAN  
AIRPORT

LOCATION:  
CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:  
• SECOND FLOOR AIRCONDITIONING LAYOUT

DRAWING SCALE:	SHEET NO.
1 : 75 M	M 05 07





GROUND FLOOR  
**ACU CONDENSATE DRAIN PIPE**  
 SCALE: 1 : 75 M

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**AERODROME DEVELOPMENT AND MANAGEMENT SERVICE**

INFRASTRUCTURE DEVELOPMENT AND DESIGN DIVISION

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REVIEWED BY:

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NOTES/REVISIONS:


PROJECT:  
 IMPROVEMENT/REHABILITATION OF PASSENGER TERMINAL BUILDING AT CATARMAN AIRPORT

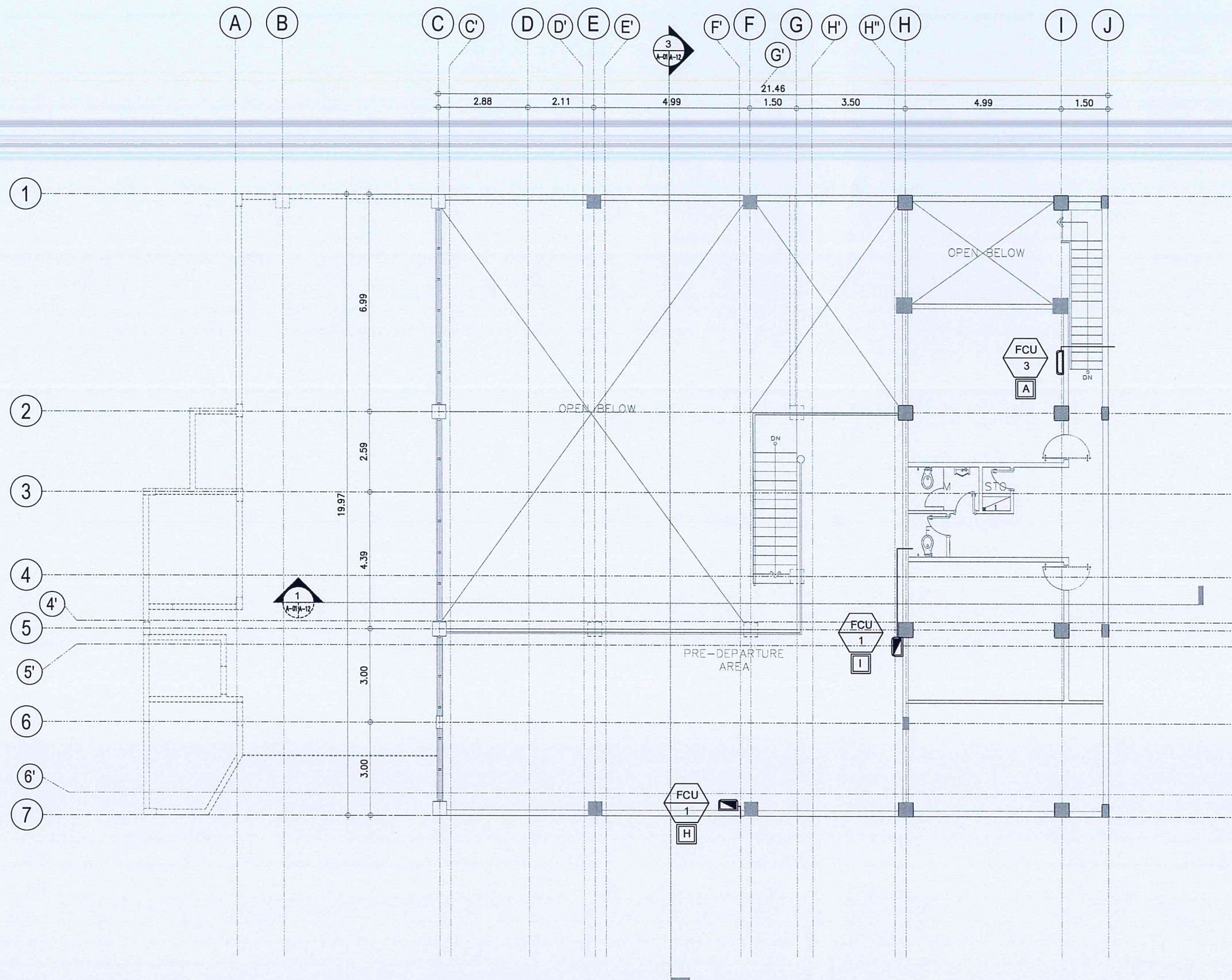
LOCATION:  
 CATARMAN AIRPORT  
 BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS:

- GROUND FLOOR ACU CONDENSATE DRAIN PIPE

DRAWING SCALE:	SHEET NO.
1 : 75 M	M
	06 07





1  
 W-07M-07  
 SECOND FLOOR  
 ACU CONDENSATE DRAIN PIPE  
 SCALE: 1 : 75 M



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AERODROME DEVELOPMENT  
 AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN  
 DIVISION

DESIGN STAFF:	INITIAL / DATE
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 Director General

NOTES/REVISIONS:

PROJECT:  
 IMPROVEMENT/REHABILITATION  
 OF PASSENGER TERMINAL  
 BUILDING AT CATARMAN  
 AIRPORT

LOCATION:  
 CATARMAN AIRPORT  
 BRGY. CATARMAN, NORTHERN SAMAR

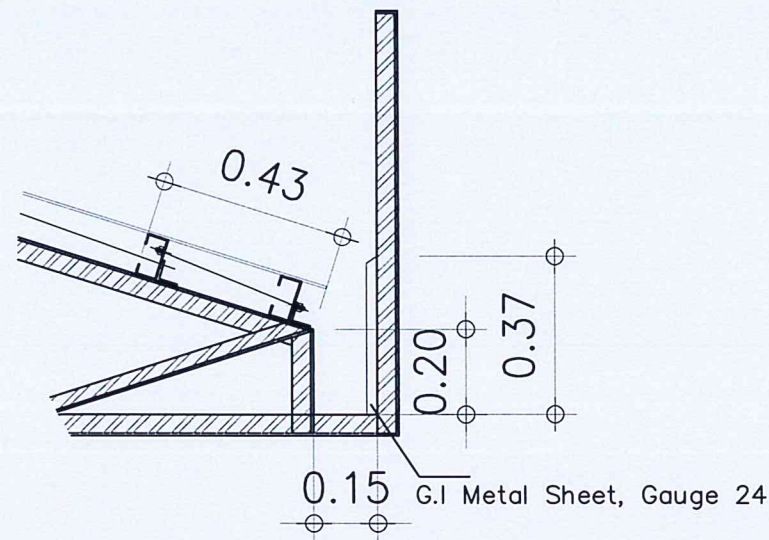
SHEET CONTENTS:  
 • SECOND FLOOR ACU CONDENSATE DRAIN  
 PIPE

DRAWING SCALE:	SHEET NO:
1 : 75 M	M 07 07

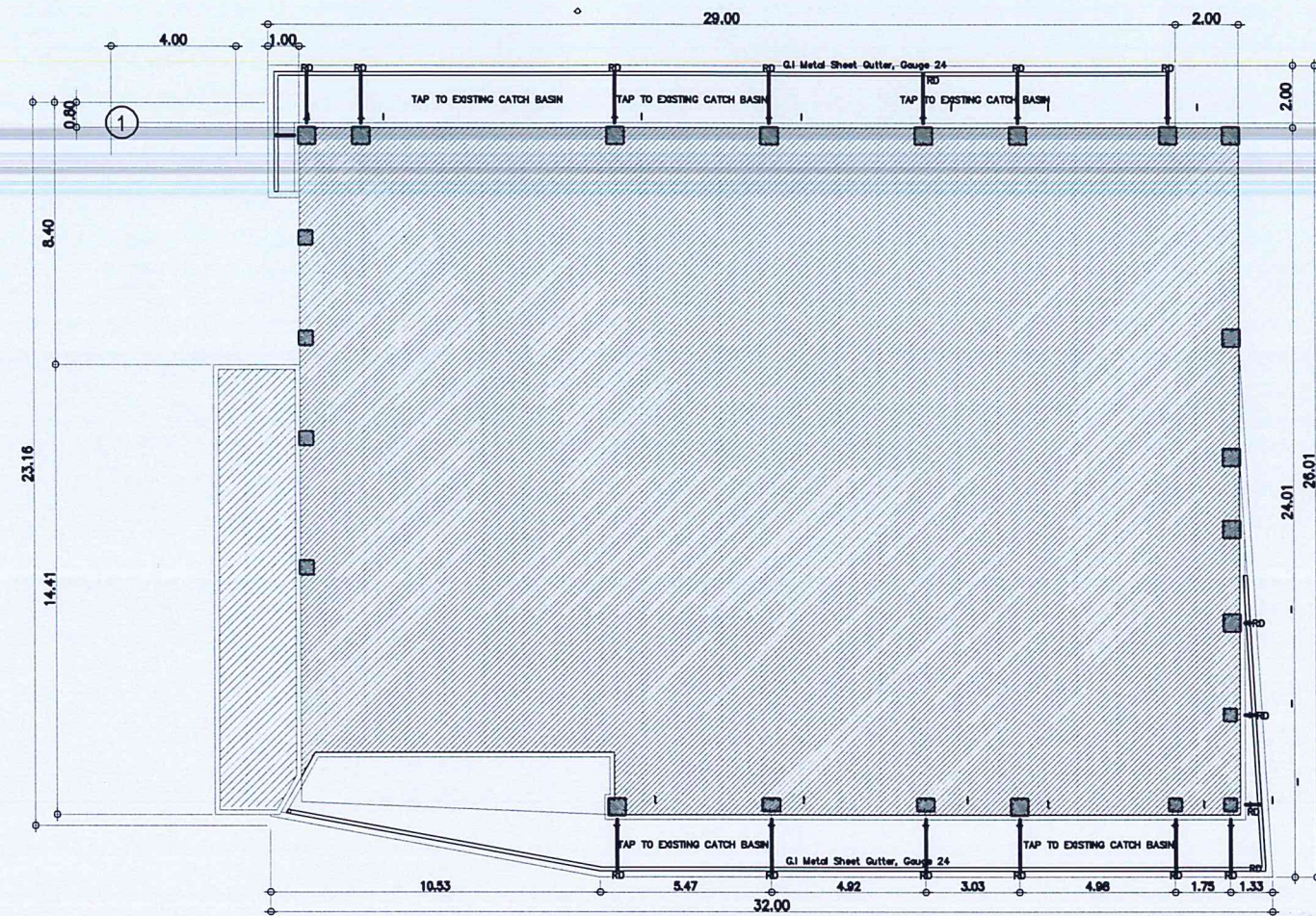


# GENERAL NOTES:

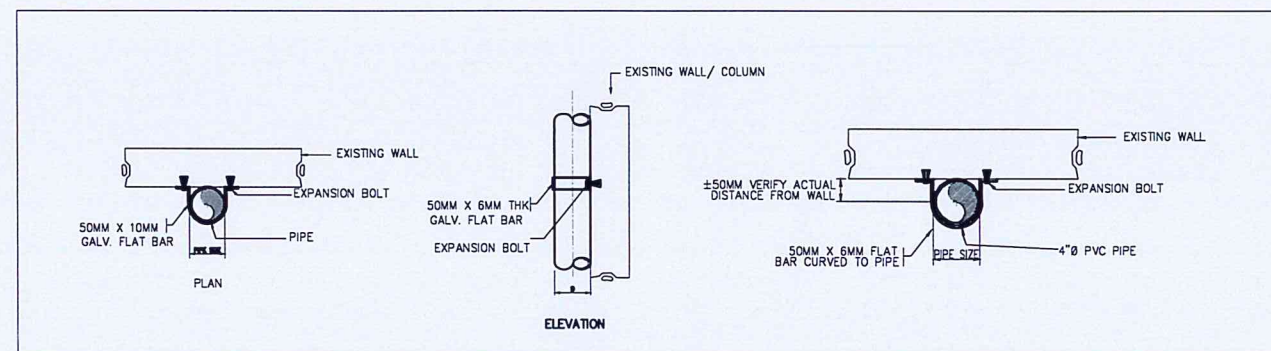
- ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED IN ACCORDANCE TO THE LATEST PROVISIONS OF THE NATIONAL PLUMBING CODE OF THE PHILIPPINES.
- IT IS NOT INTENDED THAT THE DRAWINGS SHALL SHOW EVERY PIPE FITTING, VALVE AND APPURTENANCE. ALL SUCH ITEMS WHETHER SPECIFICALLY MENTIONED OR NOT, OR INDICATED ON THE DRAWINGS SHALL BE FURNISHED AND INSTALLED IF NECESSARY TO COMPLETE THE SYSTEM.
- COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
- ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS, ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR APPROVAL OF THE ARCHITECT OR ENGINEER.
- ALL DOWNSPOUT MUST BE TAP TO EXISTING CATCH BASIN OTHERWISE MUST BE DIRECTED TO THE GROUND.
- ALL PLUMBING INSTALLATION INCLUDED HEREIN SHALL BE UNDER THE DIRECT SUPERVISION OF A DULY REGISTERED AND LICENSED MASTER PLUMBER.



2 GUTTER AND STORM DRAIN  
GUTTER DETAILS  
SCALE: 1 : 125 M



1 GUTTER AND STORM DRAIN  
LAYOUT PLAN  
SCALE: 1 : 125 M



3 GUTTER AND STORM DRAIN  
PIPE CONNECTION DETAILS  
SCALE: 1 : 100 M



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AERODROME DEVELOPMENT  
AND MANAGEMENT SERVICE

INFRASTRUCTURE DEVELOPMENT AND DESIGN  
DIVISION

DESIGN STAFF: INITIAL / DATE  
DESIGNED BY: IDDD  
DRAWN BY: VCS  
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NOTES/REVISIONS:

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BUILDING AT CATARMAN  
AIRPORT

LOCATION:

CATARMAN AIRPORT  
BRGY. CATARMAN, NORTHERN SAMAR

SHEET CONTENTS

GENERAL NOTES

DRAWING SCALE: AS SHOWN  
SHEET NO: P1  
01 02



