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GENERAL NOTES:

1. WIRINGS SHALL BE IN CONCEALED CONDUIT/TRUNKING UNLESS OTHERWISE SPECIFIED.

2. THE POSITION OF ALL ELECTRONICS EQUIPMENT AS SHOWN IN THE DRAWINGS ARE APPROXIMATE ONLY. THE EXACT POSITIONS SHALL BE DETERMINED ON SITE.

3. THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR THE LABELING OF ALL EQUIPMENT THROUGHOUT THE INSTALLATION.
4. THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE TO LIAISE WITH THE LOCAL GOVERNMENT FOR ALL PERMITS, CABLE JOINTING, AND TESTING FOR THE INSTALLATION.

5. THE OVERALL RESISTANCE FOR THE EARTHING SYSTEM TELECOMMUNICATION & LOW VOLTAGE EQUIPMENT SHALL COMPLY WITH THE LATEST EDITION OF THE PHILIPPINE ELECTRICAL AND MATERIAL SEALANT.

6. THE SPECIALTY CONTRACTOR SHALL BE RESPONSIBLE FOR SEALING OF ALL CABLE/CONDUIT PENETRATION OPENINGS BETWEEN FLOOR SLAB AND WALLS ETC. WITH APPROVED FIRE RATING
7. THE SPECIALTY CONTRACTOR SHALL FURNISH ALL NECESSARY LABOR, MATERIALS AND EQUIPMENT FOR SATISFACTORY COMPLETION OF THE ENTIRE ELECTRONICS SYSTEM INSTALLATION AS GENERALLY DESCRIBED IN THE SPECIFICATION AND/OR SHOWN ON DRAWINGS.

8. ALL ELECTRONICS EQUIPMENT AND LOCATIONS SHOWN ARE INDICATIVE ONLY, AND THE SPECIALTY CONTRACTOR MUST COORDINATE WITH THE ARCHITECT AND/OR THE INTERIOR DESIGNER, AS WELL AS EQUIPMENT SUPPLIERS FOR FINALITY.

GENERAL NOTES FOR FIRE DETECTION AND ALARM SYSTEM (FDAS):

1. FIRE ALARM SYSTEM SHALL BE FULLY-ADDRESSABLE AND SHALL BE INSTALLED IN ACCORDANCE WITH NFPA 70 AND NFPA 72. SYSTEM SHALL ALSO MEET ALL APPLICABLE BUILDING CODES, FIRE CODES AND THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION AND INSURANCE CARRIER. VERIFY REQUIREMENTS PRIOR TO CONSTRUCTION.

2. RISER DIAGRAMS ARE DIAGRAMMATIC ONLY. THE CONTRACTOR SHALL REFER TO THE LAYOUT FOR ACTUAL NO. OF DETECTORS.

3. WIRING SHOWN SHALL BE FOR CONTRACTOR'S GUIDE AND IS SUBJECT TO MANUFACTURER'S FINAL WIRING REQUIREMENTS.

4. ALL EQUIPMENT AND LABOR REQUIRED SHALL BE PROVIDED FOR A COMPLETE AND OPERATIONAL FIRE ALARM SYSTEM.

5. AUDIBLE AND VISIBLE NOTIFICATION APPLIANCES SHALL BE PROVIDED AS INDICATED ON THE DRAWINGS.

6. SMOKE DETECTORS SHALL NOT BE INSTALLED AT DIRECT AIR FLOW LOCATIONS NOR CLOSER THAN 3 FEET FROM AIR SUPPLY DIFFUSER OR RETURN AIR OPENING.

7. ANY ITEM REQUIRED IN THE SYSTEM NOT SHOWN IN THE DRAWINGS AND SPECIFICATIONS SHALL BE CONSIDERED TO BE PART OF THE SCOPE OF WORK.

8. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

GENERAL NOTES FOR TELECOMMUNICATIONS:

1. ALL TELECOMMUNICATION/AUXILIARY WORKS AND INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE OF THE LATEST APPROVED EDITION OF PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND ORDINANCES AND WITH THE RULES AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.

2. QUANTITY AND LOCATION OF DEVICES ARE INDICATIVE ONLY. REFER TO FLOOR PLAN LAYOUT FOR EXACT LOCATION AND QUANTITY.

3. NUMBER OF #23 AWG CAT5e/CAT6 CABLES INSIDE CONDUIT SHALL BE:

15mmø	20mmø	25mmø
1-2	3-4	5-6

4. GENERAL CONTRACTOR SHALL PROVIDE ALL DEVICES, ACCESSORIES, CABLING, ROUGHING-INS, AND EQUIPMENT FOR THE SUCCESSFUL OPERATION OF THE SYSTEM.

5. ALL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRONICS ENGINEER OR ELECTRONICS AND COMMUNICATIONS ENGINEER.

6. ALL MATERIALS SHALL BE NEW, APPROVED FOR BOTH THEIR LOCATION AND INTENDED PURPOSE AND SHALL CONFORM TO THE INTERNATIONALLY ACCREDITED RECOGNIZED STANDARDS, ON WHERE SUCH STANDARDS HAVE BEEN ESTABLISHED FOR PARTICULAR TYPES OF MATERIALS.

7. ALL AUXILIARY EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE PHILIPPINE ELECTRICAL CODE. GROUND RESISTANCE SHOULD NOT BE MORE THAN 2 OHMS. ADDITIONAL GROUND RODS SHALL BE PROVIDED IF GROUND RESISTANCE EXCEEDS 2 OHMS.

8. INTERMEDIATE DISTRIBUTION FRAMES SHALL HAVE SEPARATE GROUNDING BUSBARS.

9. FOR TELEPHONE COMMUNICATION SYSTEM USING 0.65MMø/8C CATEGORY 6 OR CATEGORY 5E WIRES FOR DISTRIBUTION, THEIR TERMINAL SHALL BE QUICK-CONNECT TYPE.

10. MOUNTING HEIGHTS OF DEVICES SHALL BE AS APPROVED BY THE ARCHITECT AND/OR AS FOLLOWS (RJ-45 JACKS):

TELECOM/DATA OUTLET

-300mm above finished floor to center of device

-150mm above working counter to center of device

11. CONDUIT MINIMUM SIZE SHALL BE 15mmø FOR STEEL CONDUIT AND 20mmø FOR PVC AS MEASURED FROM THE INTERIOR OF THE CONDUIT (ELECTRICAL TRADE SIZE). CONDUIT SHALL NOT BE BENT MORE THAN 3 TIMES ITS RADIUS. PULLBOX SHALL BE PROVIDED ON OR BEFORE FOUR QUARTER BENDS OF A CONDUIT IN ANY RUN. PULLBOX SHALL BE SIZED ACCORDING TO THE CODE REQUIREMENTS. CONTRACTOR MUST SUBMIT SHOP DRAWING/S FOR ENGINEER'S APPROVAL PRIOR TO FABRICATION.
12. CONDUIT SHALL BE SECURED AND PROTECTED FROM ANY FOREIGN OBJECT OR WATER DURING CONSTRUCTION STAGE. SPARE CONDUIT SHALL BE PROVIDED WITH PULLING WIRE. THERE SHALL BE FOUR QUARTER BENDS OF A CONDUIT IN ANY RUN.

13. TELEPHONE TERMINAL CABINET (TTC) OR INTERMEDIATE DISTRIBUTION FRAME (IDF) SHALL SERVE EACH TELEPHONE AND/OR DATA OUTLET OR STATION WITH A MAXIMUM RANGE OF 90 METERS (UTP CABLE).

14. COMMUNICATION SYSTEM WIRINGS FOR VOICE AND DATA SHALL BE SEPARATED FROM POWER WIRINGS. THIS IS TO PREVENT HUMMING AND ELECTROMAGNETIC INTERFERENCE (EMI) AND TO COMPLY TO THE EIA/TIA 568A CABLING STANDARD.

15. FOR OUTDOOR INSTALLATIONS, USE CAST DEVICE BOXES AND FITTINGS.

16. UPON COMPLETION OF TELECOMMUNICATION/AUXILIARY WORKS THE CONTRACTOR SHALL DO THE FOLLOWING DETAILED TESTING AS WITNESSED BY THE OWNER OR BY THE OWNER'S REPRESENTATIVE:

A. SIGNAL ATTENUATION TEST

B. NEAR-END CROSSTALK TEST

C. NEAR-END CROSSTALK TEST

D. IMPEDANCE TEST

E. WIRE MAP TEST

F. WIRE MAP TEST

GENERAL NOTES FOR INTERCOM SYSTEM:

1. ALL TELECOMMUNICATION/AUXILIARY WORKS AND INSTALLATIONS HEREIN SHALL BE DONE IN ACCORDANCE OF THE LATEST APPROVED EDITION OF PHILIPPINE ELECTRICAL CODE WITH THE RULES AND REGULATIONS OF THE NATIONAL AND LOCAL AUTHORITIES CONCERNED IN THE ENFORCEMENT OF ELECTRICAL LAWS AND ORDINANCES AND WITH THE RULES AND REGULATIONS OF THE UTILITY COMPANIES CONCERNED.

2. QUANTITY AND LOCATION OF DEVICES ARE INDICATIVE ONLY. REFER TO FLOOR PLAN LAYOUT FOR EXACT LOCATION AND QUANTITY.

3. NUMBER OF #22 ~ #18 AWG TWISTED OR NON-TWISTED INSIDE CONDUIT SHALL BE:

15mmø	20mmø	25mmø
1-2	3-4	5-6

4. GENERAL CONTRACTOR SHALL PROVIDE ALL DEVICES, ACCESSORIES, CABLING, ROUGHING-INS, AND EQUIPMENT FOR THE SUCCESSFUL OPERATION OF THE SYSTEM.

5. ALL WORKS HEREIN SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRONICS ENGINEER OR ELECTRONICS AND COMMUNICATIONS ENGINEER.

6. ALL MATERIALS SHALL BE NEW, APPROVED FOR BOTH THEIR LOCATION AND INTENDED PURPOSE AND SHALL CONFORM TO THE INTERNATIONALLY ACCREDITED RECOGNIZED STANDARDS, ON WHERE SUCH STANDARDS HAVE BEEN ESTABLISHED FOR PARTICULAR TYPES OF MATERIALS.

7. ALL AUXILIARY EQUIPMENT SHALL BE PROPERLY GROUNDED IN ACCORDANCE WITH THE REQUIREMENT OF THE PHILIPPINE ELECTRICAL CODE. GROUND RESISTANCE SHOULD NOT BE MORE THAN 2 OHMS. ADDITIONAL GROUND RODS SHALL BE PROVIDED IF GROUND RESISTANCE EXCEEDS 2 OHMS.

8. ENSURE THE INTERCOM SYSTEM COMPLIES WITH RELEVANT STANDARDS AND REGULATIONS, SUCH AS ISO 9001 PRINCIPLES, UNDERWRITERS LABORATORY, ETC.

9. EACH MASTER STATION SERVES AS A CENTRAL CONTROL UNIT, ALLOWING COMMUNICATION WITH OTHER MASTER STATIONS, SUB-STATION, AND MANAGING SYSTEM FUNCTION.

10. ENSURE BOTH MASTER STATIONS ARE COMPATIBLE WITH THE SAME INTERCOM CAN COMMUNICATE SEAMLESSLY.

11. NETWORK SETUP: IF THE INTERCOM SYSTEM IS IP-BASED, CONFIGURE THE NETWORK SETTINGS FOR EACH MASTER STATION, INCLUDING IP ADDRESSES AND SUBNET MASKS.

12. PROGRAM EACH MASTER STATION WITH NECESSARYSETTINGS, SUCH AS STATION IDS, CALL GROUPS, AND PRIORITY LEVELS.

13. ENSURE A STABLE POWER SUPPLY TO EACH MASTER STATION. CONSIDER USING UNINTERRUPTIBLE POWER SUPPLY (UPS) FOR BACKUP.

14. USE HIGH-QUALITY WIRING CABLE FOR CONNECTIONS. FOLLOW THE MANUFACTURER'S WIRING DIAGRAM TO AVOID ANY ISSUES.

15. CONDUCT THOROUGH TESTING TO ENSURE ALL FUNCTIONS, SUCH AS CALLING, PAGING, AND MONITORING, WORK CORRECTLY.

16. TRAIN USERS ON HOW TO OPERATE THE MASTER STATIONS INCLUDING MAKING AND RECEIVING CALLS PAGING, AND USING EMERGENCY FUNCTIONS.

17. REGULARLY CHECK AND MAINTAIN THE MASTER STATIONS TO ENSURE THEY ARE FUNCTIONING CORRECTLY. THIS INCLUDES CLEANING, SOFTWARE UPDATES, AND HARDWARE INSPECTIONS.

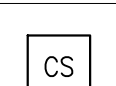
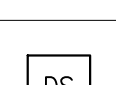
17. IMPLEMENT ACCESS CONTROL MEASURES TO PREVENT UNAUTHORIZED USE OF THE MASTER STATIONS.

18. PROVIDE DETAILED RECORDS OF THE INSTALLATION, CONFIGURATION, AND MAINTENANCE ACTIVITIES. THIS WILL HELP IN TROUBLESHOOTING AND FUTURE UPGRADES.

FIRE PUMP MONITORING (FDAS)	
	POWER STATUS
	LOSS OF PHASE
	PHASE OF REVERSAL
	RUNSTATUS
ELEVATOR CONTROL MONITORING (FDAS)	
	COMMON TROUBLE
	PRIMARY RECALL
	SECONDARY RECALL
	SHUNT TRIP
	FIREMAN'S HUT
GENERATOR SET MONITORING (FDAS)	
	COMMON TROUBLE
	LOSS OF PHASE
	LOW FUEL
	RUNSTATUS

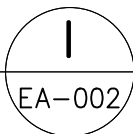
LEGENDS AND SYMBOLS FOR TEL/DATA	
	DATA OUTLET (WALL-MOUNTED)
	COMBINATION OF TEL/DATA OUTLET (WALL-MOUNTED)
	DATA OUTLET (FLOOR-MOUNTED)
	COMBINATION OF TEL/DATA OUTLET (FLOOR-MOUNTED)
	WIRELESS ACCESS POINT (WAP)
	INTERMEDIATE DISTRIBUTION FRAME
	TELEPHONE TERMINAL CABINET
	MAIN DISTRIBUTION FRAME
	MAIN TELEPHONE TERMINAL CABINET
	PRIVATE AUTOMATIC BRANCH EXCHANGE
	UNINTERRUPTIBLE POWER SUPPLY
	TELCO SERVICE ENTRANCE

LEGENDS AND SYMBOLS FOR FDAS	
	ADDRESSABLE SMOKE DETECTOR
	ADDRESSABLE HEAT DETECTOR
	HORN STROBE
	MANUAL PULL STATION
	FLOW SWITCH
	TAMPER SWITCH
	FIREMAN'S TELEPHONE JACK
	ANNUNCIATOR
	FIRE ALARM CONTROL PANEL
	SECONDARY SUPPLY (BATTERY)
	MONITOR MODULE
	RELAY MODULE
	FIRE ALARM PULLBOX
	EMERGENCY VOICE ALARM COMMUNICATION
	UNINTERRUPTIBLE POWER SUPPLY
	DIGITAL ALARM COMMUNICATOR TRANSMITTER

LEGENDS AND SYMBOLS FOR INTERCOM SYSTEM	
	MASTER SWITCHBOARD
	HANDSET SUBSTATION
	CALL STATION
	DOOR STATION
	INTERCOM PULLBOX

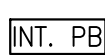
 Securities and Exchange Commission PHILIPPINES	CHECKED AND SUBMITTED BY				PROJECT TITLE/LOCATION		RECOMMENDING APPROVAL		APPROVED BY		SHEET CONTENTS		R.A. 9266 SEC. 33		CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
	ALDEN C. ONG M.Eng., ASEP SEC-HTC		REG. NO.: 68251		PROPOSED RETROFITTING AND RENOVATION OF THE SEC DAVAO EXTENSION OFFICE		VHINCENT G. CAÑARES SEC DIRECTOR, MSD		JAVEY PAUL D. FRANCISCO COMMISSIONER		DRAWING INDEX, GENERAL NOTES, ABBREVIATIONS, LEGENDS & SYMBOLS		DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.		JFT	JUL 2024					20X30	EA-000
			TIN NO. : 168-950-786												CRISFER HENRY M. PREÑA PROFESSIONAL ELECTRONICS ENGINEER							
			PTR NO. : 10077889																			
			DATE : JANUARY 05, 2024																			
			PLACE : MAKATI CITY																			
SEC-HTC		DATE : JANUARY 05, 2024		UNIVERSITY AVENUE, JUNA SUBDIVISION MATINA, DAVAO CITY								LSS/MABM	JUL 2024					SCALE	PROJECT NO.			
		PLACE : MAKATI CITY												APPROVED	DATE					AS SHOWN	DE-G-24-006	
														CHMP	JUL 2024							

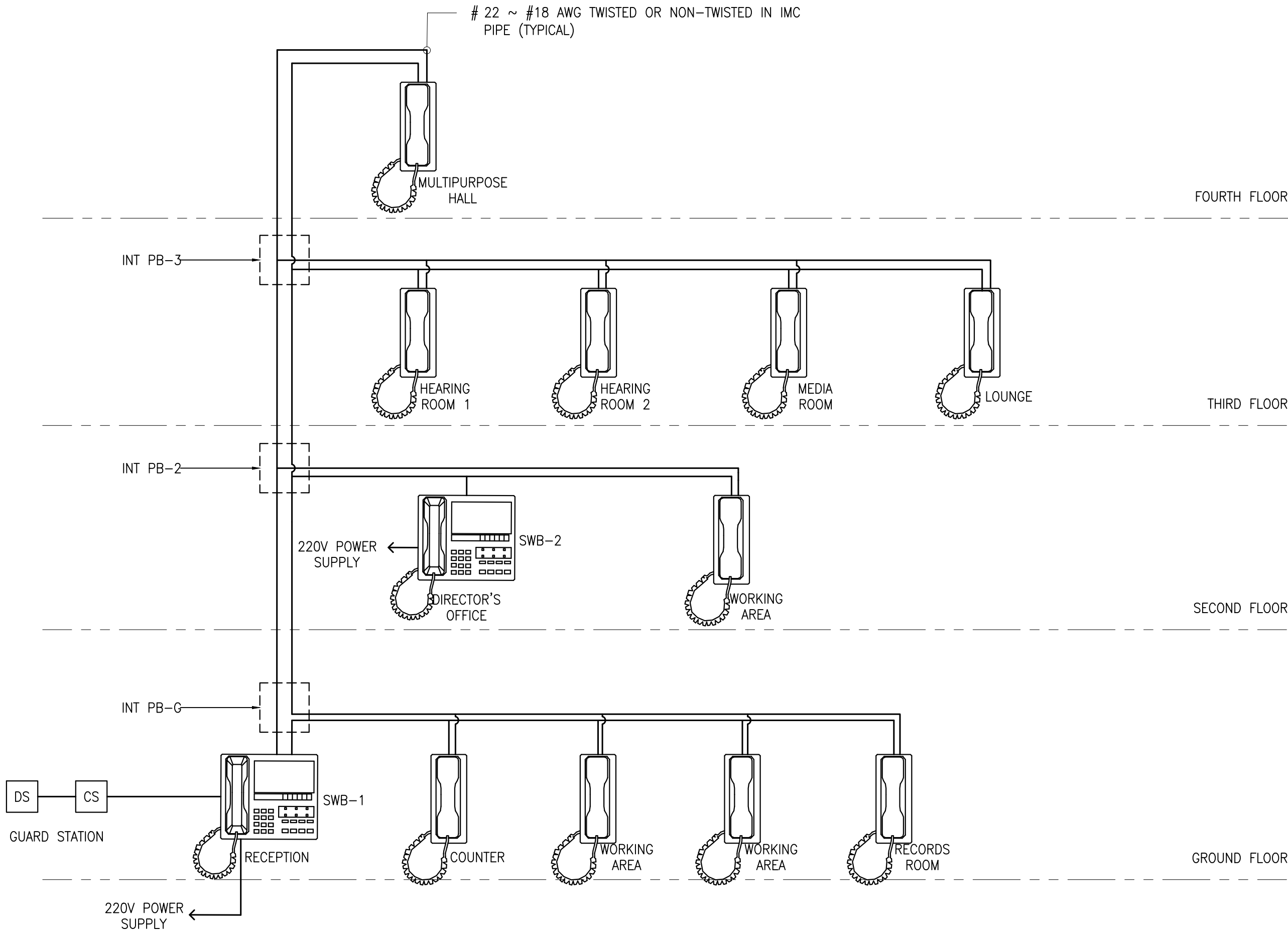
GENERATOR SET MONITORING (FDAS)	
☐	COMMON TROUBLE
☐	LOSS OF PHASE
☐	LOW FUEL
☐	RUNSTATUS



SCALE

1:100M

LEGENDS AND SYMBOLS FOR INTERCOM SYSTEM	
	MASTER SWITCHBOARD
	HANDSET SUBSTATION
	CALL STATION
	DOOR STATION
	INTERCOM PULLBOX



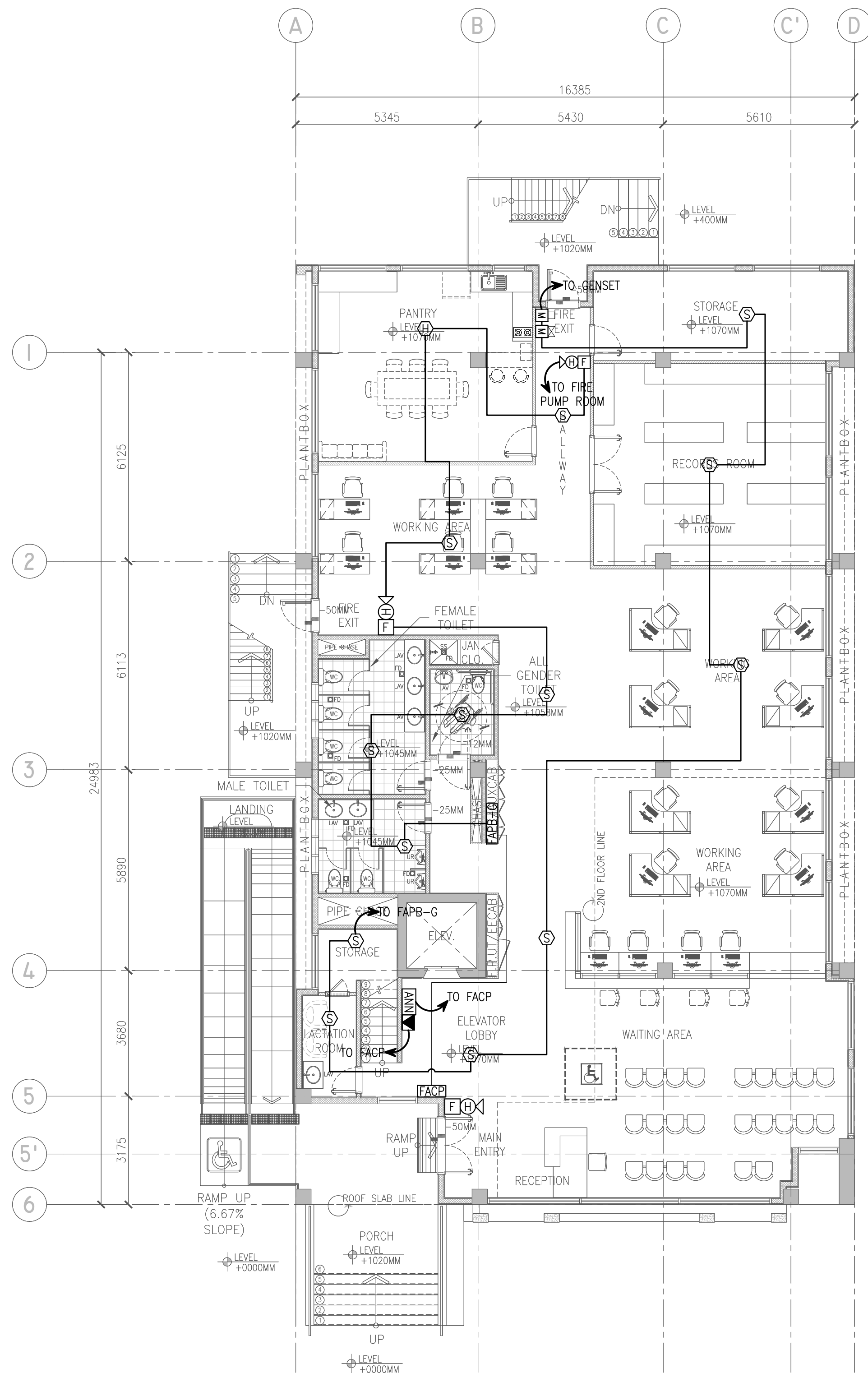
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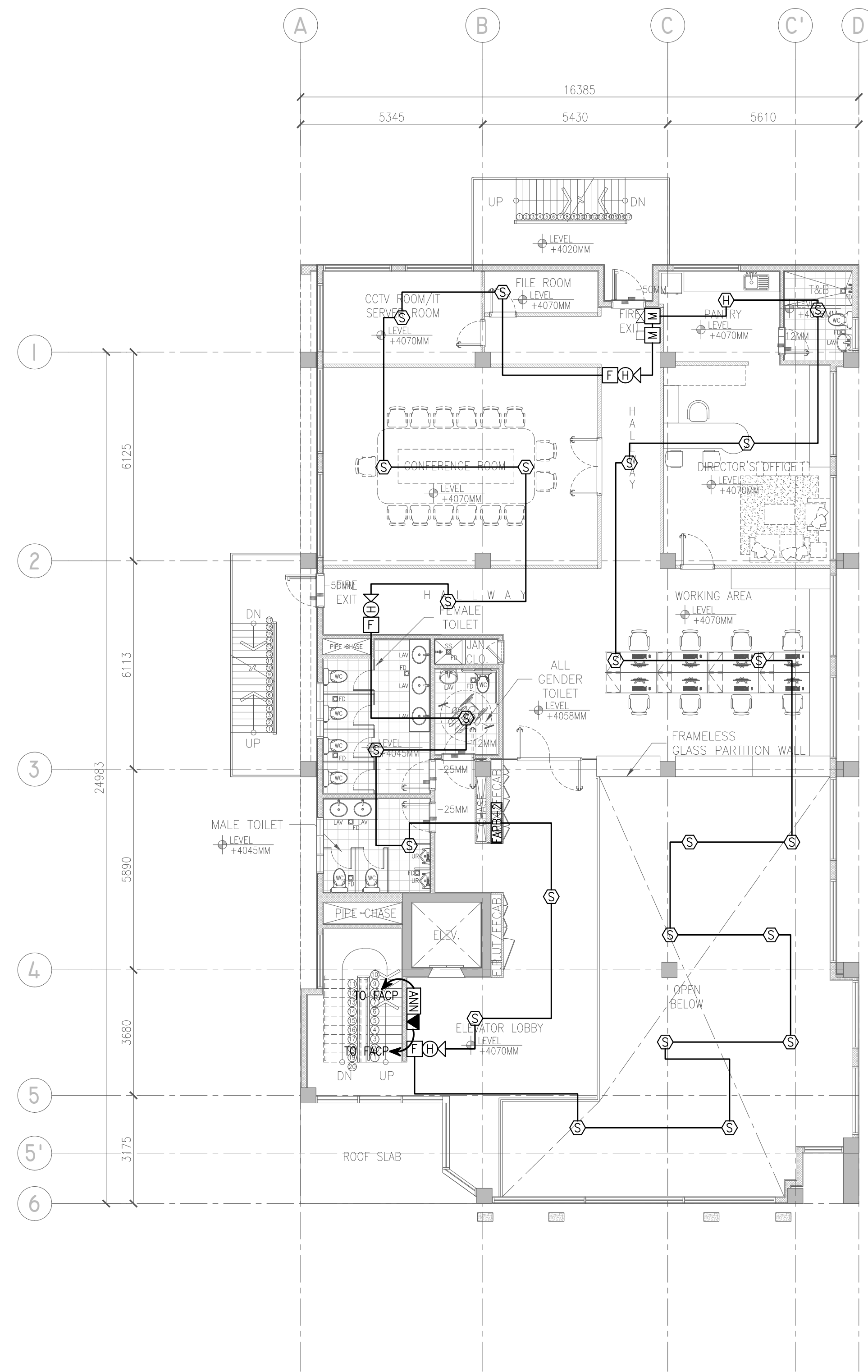
INTERCOM RISER DIAGRAM

SCALE

1:100M

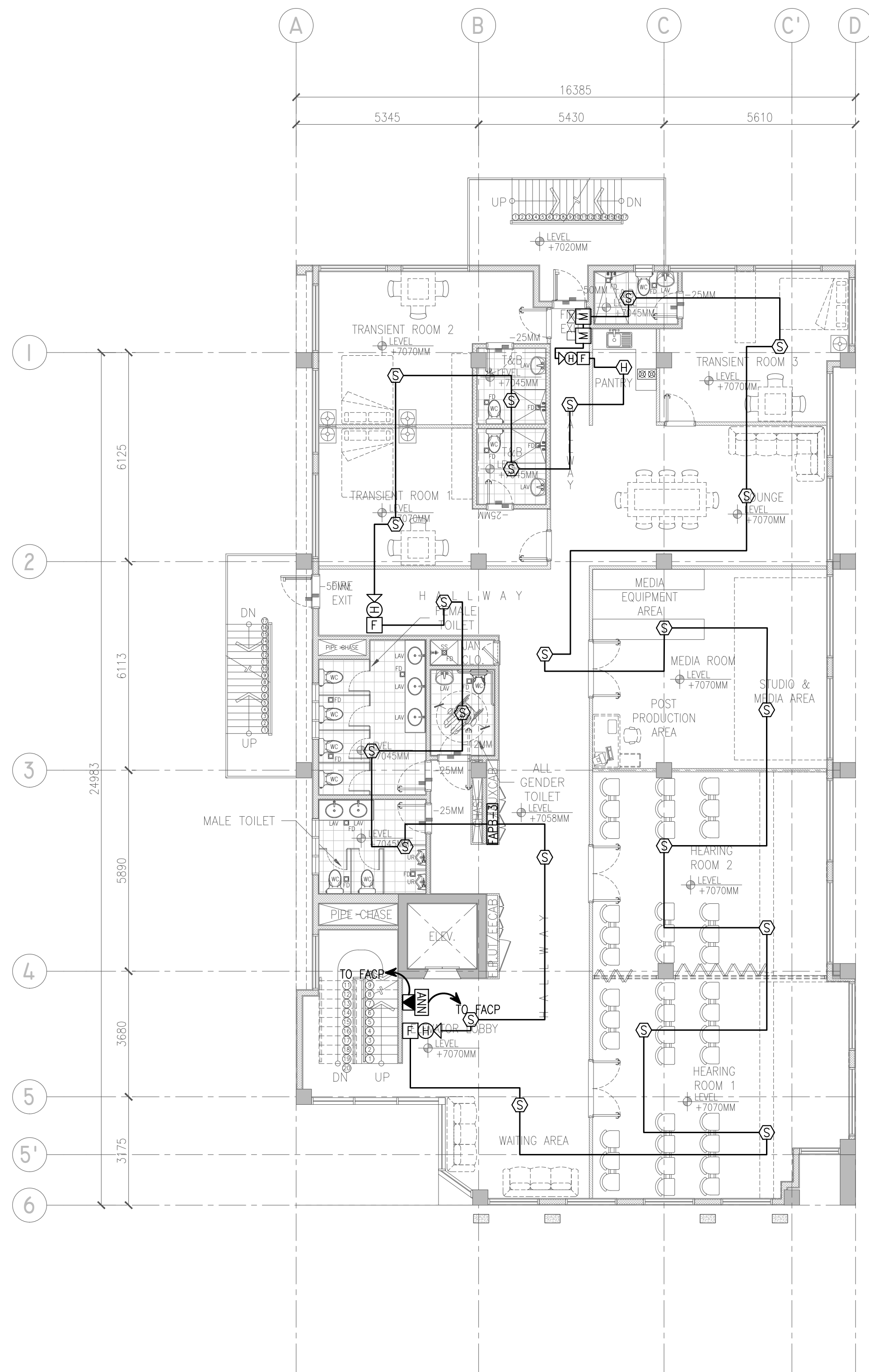


1 GROUND FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT
EA-005 SCALE 1:100M

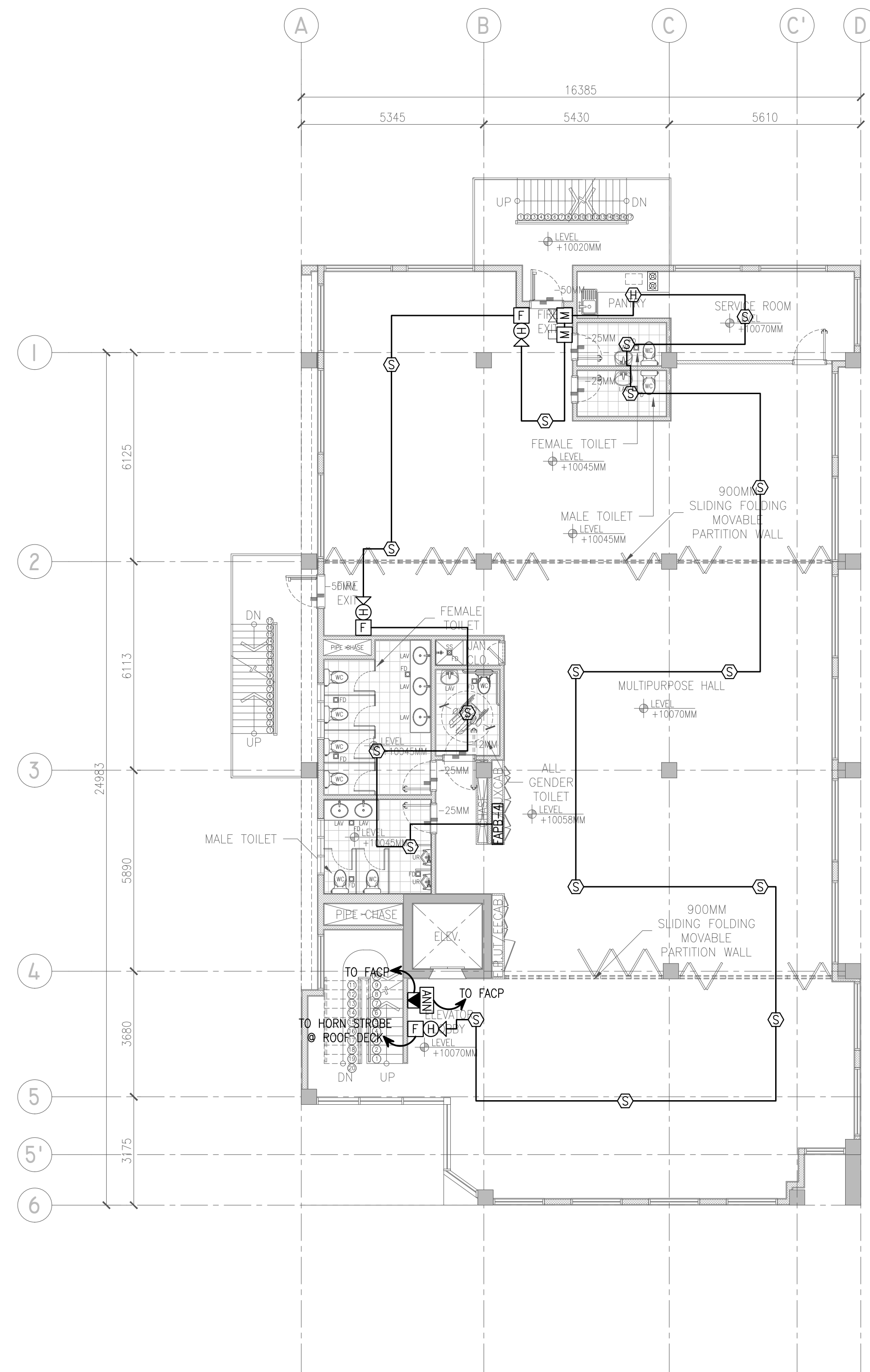


2 SECOND FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT
EA-005 SCALE 1:100M

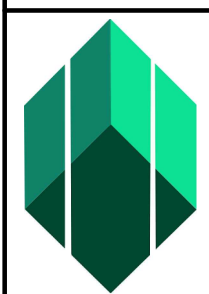
 Securities and Exchange Commission P H I L I P P I N E S	CHECKED AND SUBMITTED BY			PROJECT TITLE/LOCATION		RECOMMENDING APPROVAL		APPROVED BY		SHEET CONTENTS		R.A. 9266 SEC. 33 DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.									
	ALDEN C. ONG M.Eng., ASEP SEC-HTC		REG. NO.: 68251	PROPOSED RETROFITTING AND RENOVATION OF THE SEC DAVAO EXTENSION OFFICE UNIVERSITY AVENUE, JUNA SUBDIVISION MATINA, DAVAO CITY		VHINCENT G. CAÑARES SEC DIRECTOR, MSD		JAVEY PAUL D. FRANCISCO COMMISSIONER		DAVAO GROUND FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT SECOND FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT		CADD	DATE	NO.	REVISIONS		CHK	DATE	PAPER SIZE	SHEET NO.	
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		CRISFER HENRY M. PREÑA PROFESSIONAL ELECTRONICS ENGINEER									LSS/MABM	JUL 2024									
		PLACE : MAKATI CITY									APPROVED	DATE									
											CHMP	JUL 2024									



1 THIRD FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT
EA-006 SCALE 1:100M

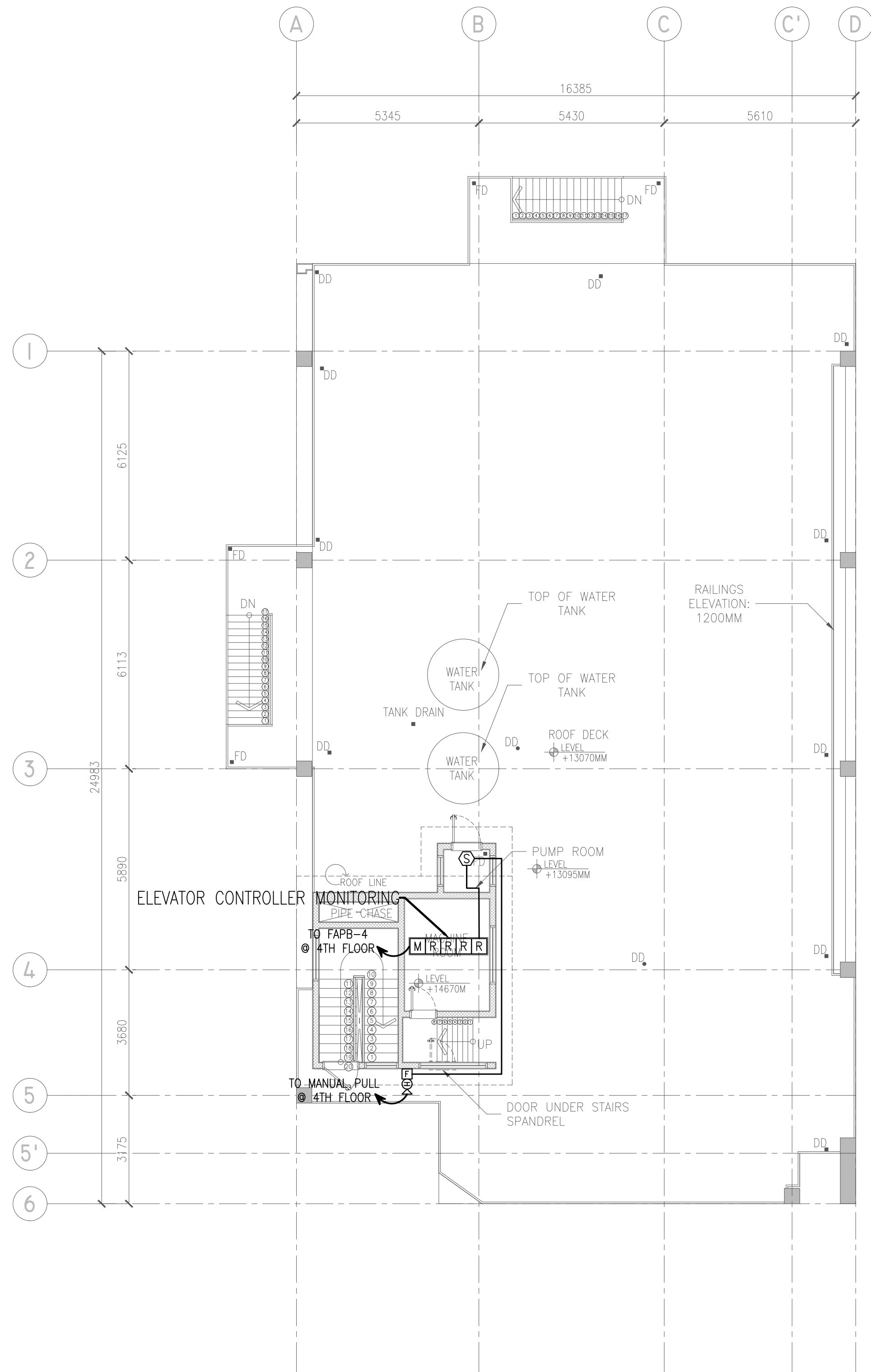


2 FOURTH FLOOR FIRE DETECTION & ALARM SYSTEM LAYOUT
EA-006 SCALE 1:100M



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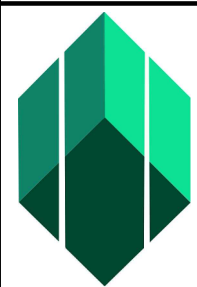


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EA-007

ROOF DECK FIRE DETECTION & ALARM SYSTEM LAYOUT

SCALE

1:100M



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ALDEN C. ONG M.Eng., ASEP SEC-HTC	PTR NO. : 10077889 DATE : JANUARY 05, 2024 PLACE : MAKATI CITY	TIN NO. : 168-950-786	

PROJECT TITLE/LOCATION
PROPOSED RETROFITTING AND RENOVATION OF THE SEC DAVAO EXTENSION OFFICE
UNIVERSITY AVENUE, JUNA SUBDIVISION MATINA, DAVAO CITY

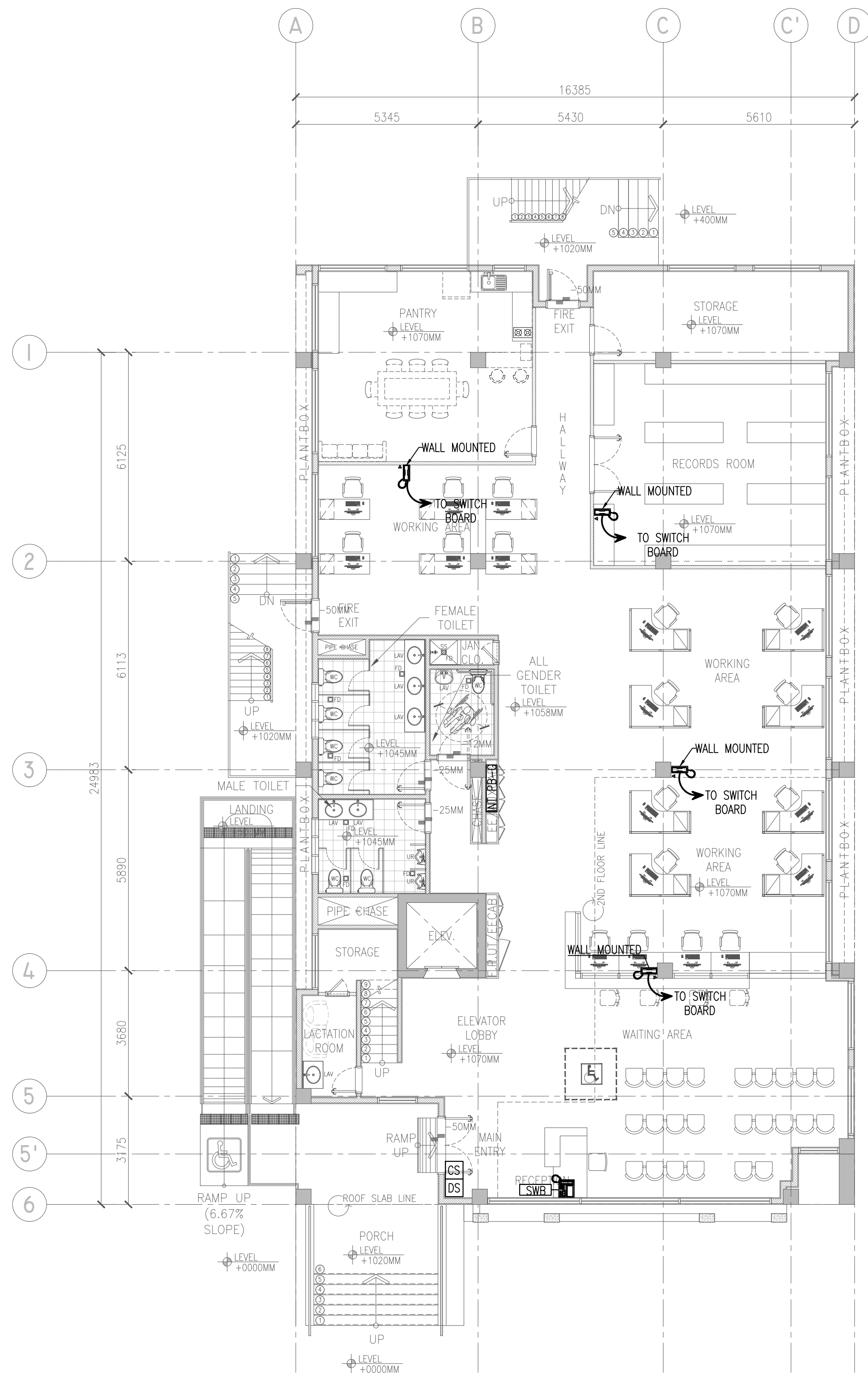
RECOMMENDING APPROVAL
VHINCENT G. CAÑARES
SEC DIRECTOR, MSD

APPROVED BY
JAVEY PAUL D. FRANCISCO
COMMISSIONER

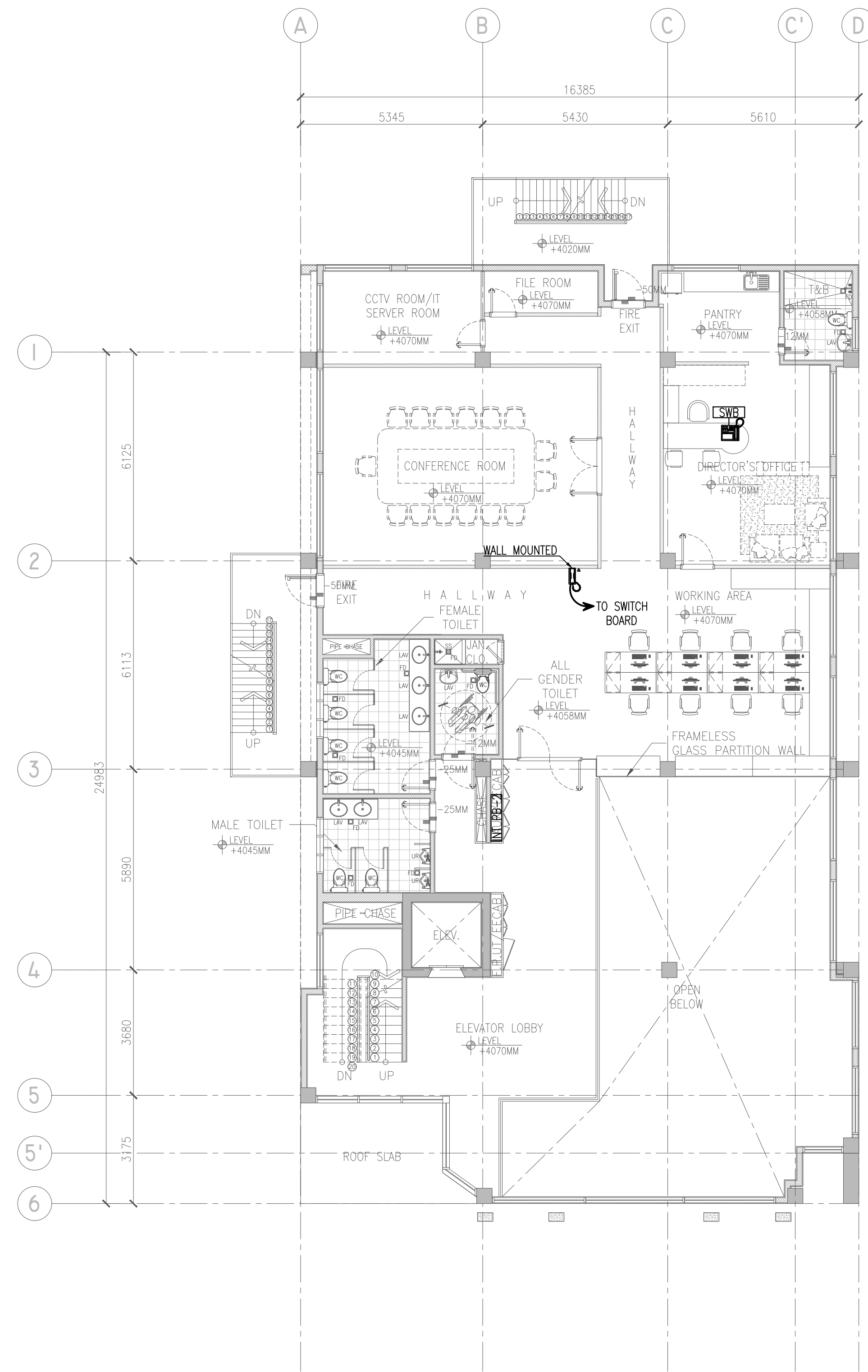
SHEET CONTENTS
DAVAO ROOF DECK FIRE DETECTION & ALARM SYSTEM LAYOUT

R.A. 9266 SEC. 33
DRAWINGS AND SPECIFICATIONS AND CONTRACT
DOCUMENTS DULY SIGNED, STAMPED OR SEALED
AS INSTRUMENTS FOR SERVICE ARE THE
INTELLECTUAL PROPERTY AND DOCUMENTS OF
ARCHITECT, WHETHER THE OBJECT FOR WHICH
THEY ARE MADE IS EXECUTED OR NOT. IT
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DUPLICATE OR TO MAKE COPIES OF SAID
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AND FOR OTHER PROJECTS OR BUILDINGS,
WHETHER EXECUTED PARTLY OR IN WHOLE,
WITHOUT THE WRITTEN CONSENT OF THE
ARCHITECT OR AUTHOR OF SAID DOCUMENTS.

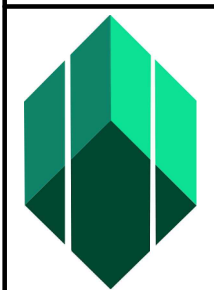
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DESIGNED	DATE					SCALE	PROJECT NO.
LSS/MABM	JUL 2024					AS SHOWN	DE-G-24-006
APPROVED	DATE						
CHMP	JUL 2024						



1 GROUND FLOOR INTERCOM SYSTEM LAYOUT
EA-008 SCALE 1:100M



2 SECOND FLOOR INTERCOM SYSTEM LAYOUT
EA-008 SCALE 1:100M



**Securities and
Exchange
Commission**
PHILIPPINES

CHECKED AND SUBMITTED BY			
ALDEN C. ONG M.Eng., ASEP SEC-HTC		REG. NO.: 68251	CRISFER HENRY M. PREÑA PROFESSIONAL ELECTRONICS ENGINEER
		TIN NO. : 168-950-786	
		PTR NO. : 10077889	
		DATE : JANUARY 05, 2024	
		PLACE :MAKATI CITY	

APPROVED BY		SHEET CONTENTS	
JAVEY PAUL D. FRANCISCO COMMISSIONER		DAVAO GROUND FLOOR INTERCOM SYSTEM LAYOUT SECOND FLOOR INTERCOM SYSTEM LAYOUT	

R.A. 9266 SEC. 33 DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.		CADD	
		JFT	
		DESIGNED	
		LSS/MABM	
		APPROVED	
		CHMP	

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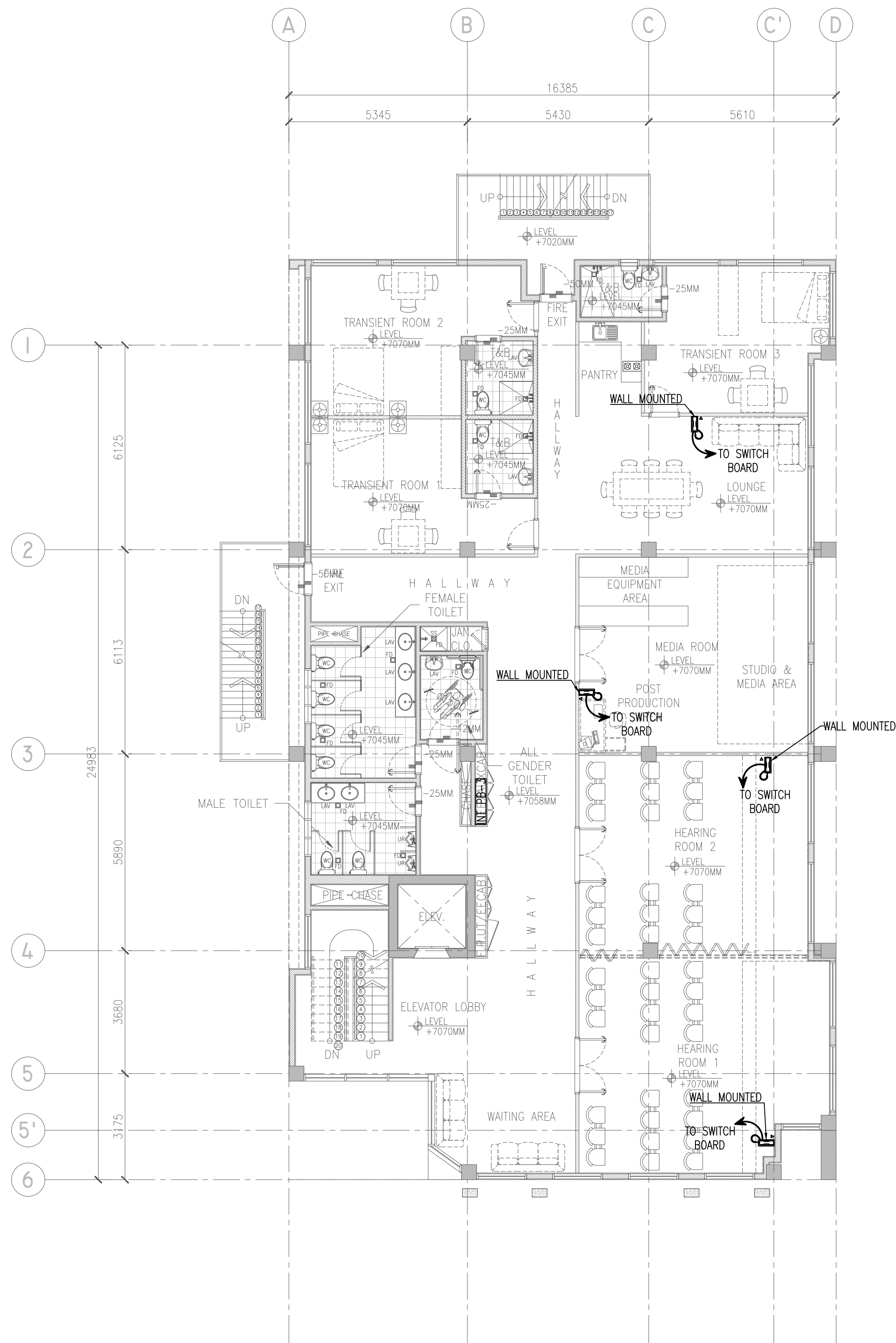
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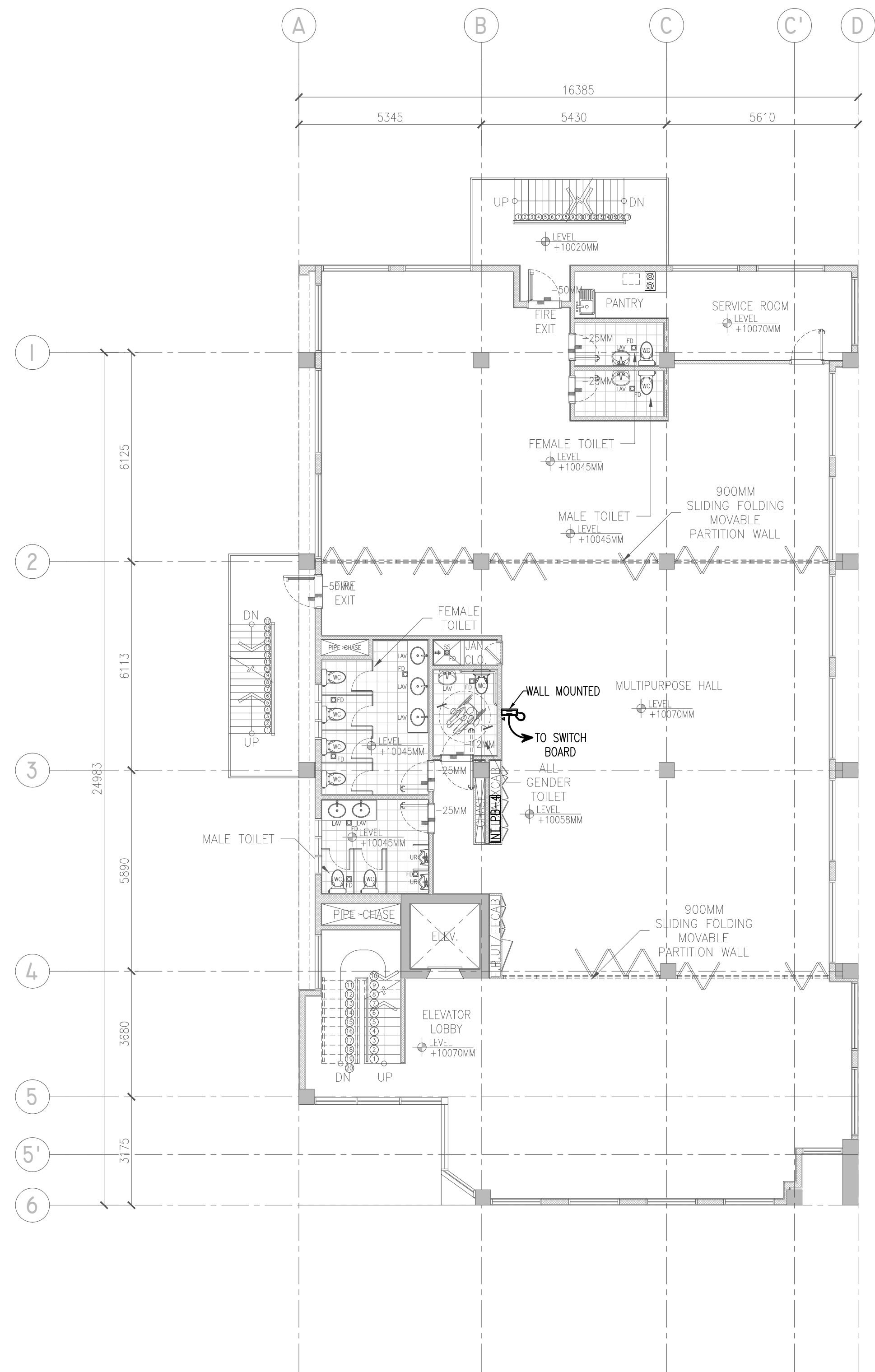
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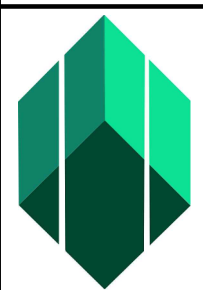
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DATE	JUL 2024						SCALE	PROJECT NO.
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1 THIRD FLOOR INTERCOM SYSTEM LAYOUT
EA-009 SCALE 1:100M



2 FOURTH FLOOR INTERCOM SYSTEM LAYOUT
EA-009 SCALE 1:100M



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PHILIPPINES

CHECKED AND SUBMITTED BY			
ALDEN C. ONG M.Eng., ASEP SEC-HTC		REG. NO.: 68251	CRISFER HENRY M. PREÑA PROFESSIONAL ELECTRONICS ENGINEER
		TIN NO. : 168-950-786	
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JAVEY PAUL D. FRANCISCO COMMISSIONER		DAVAO THIRD FLOOR INTERCOM SYSTEM LAYOUT FOURTH FLOOR INTERCOM SYSTEM LAYOUT	

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		JFT	
		DESIGNED	
		LSS/MABM	
		APPROVED	
		CHMP	

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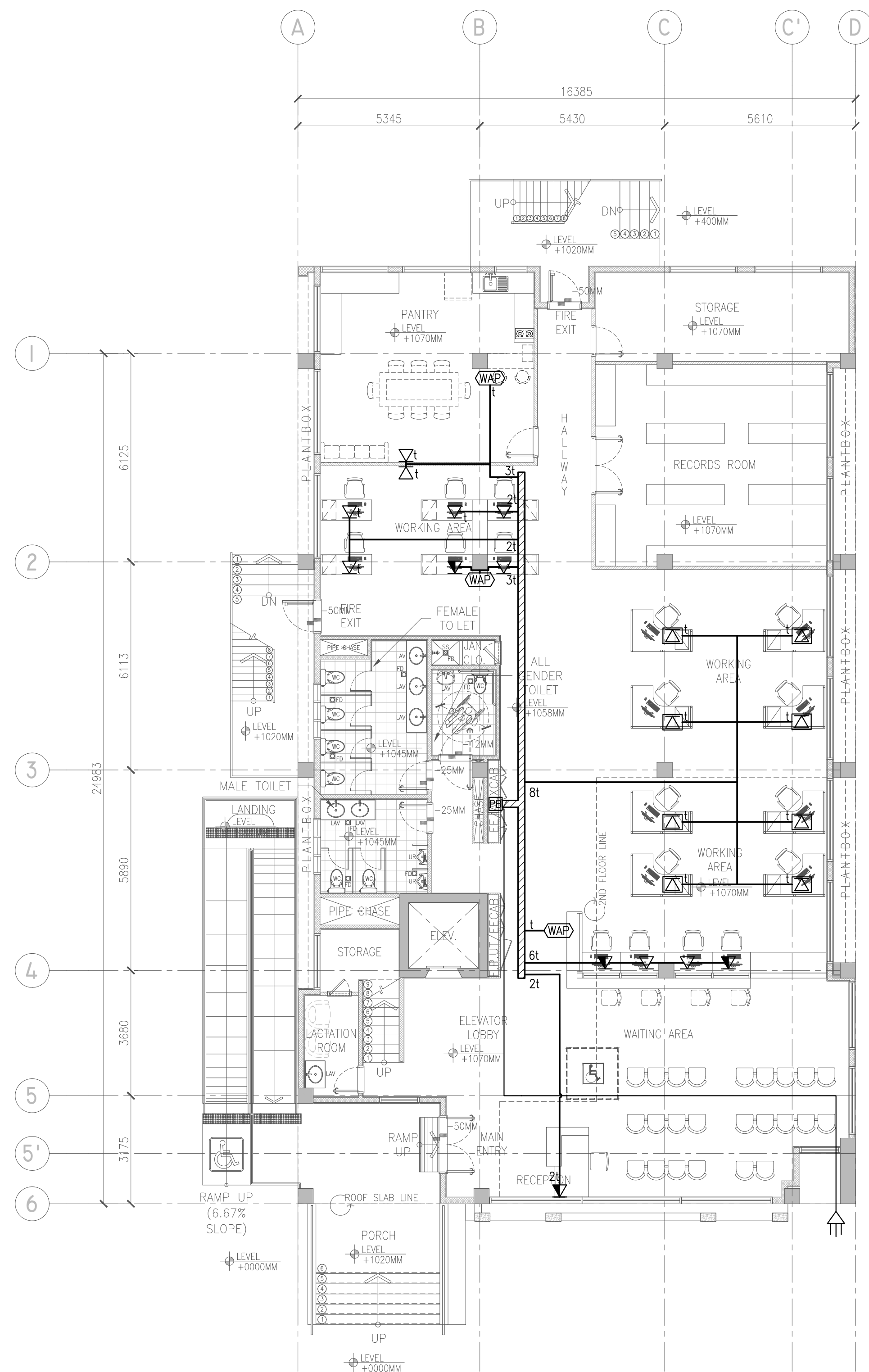
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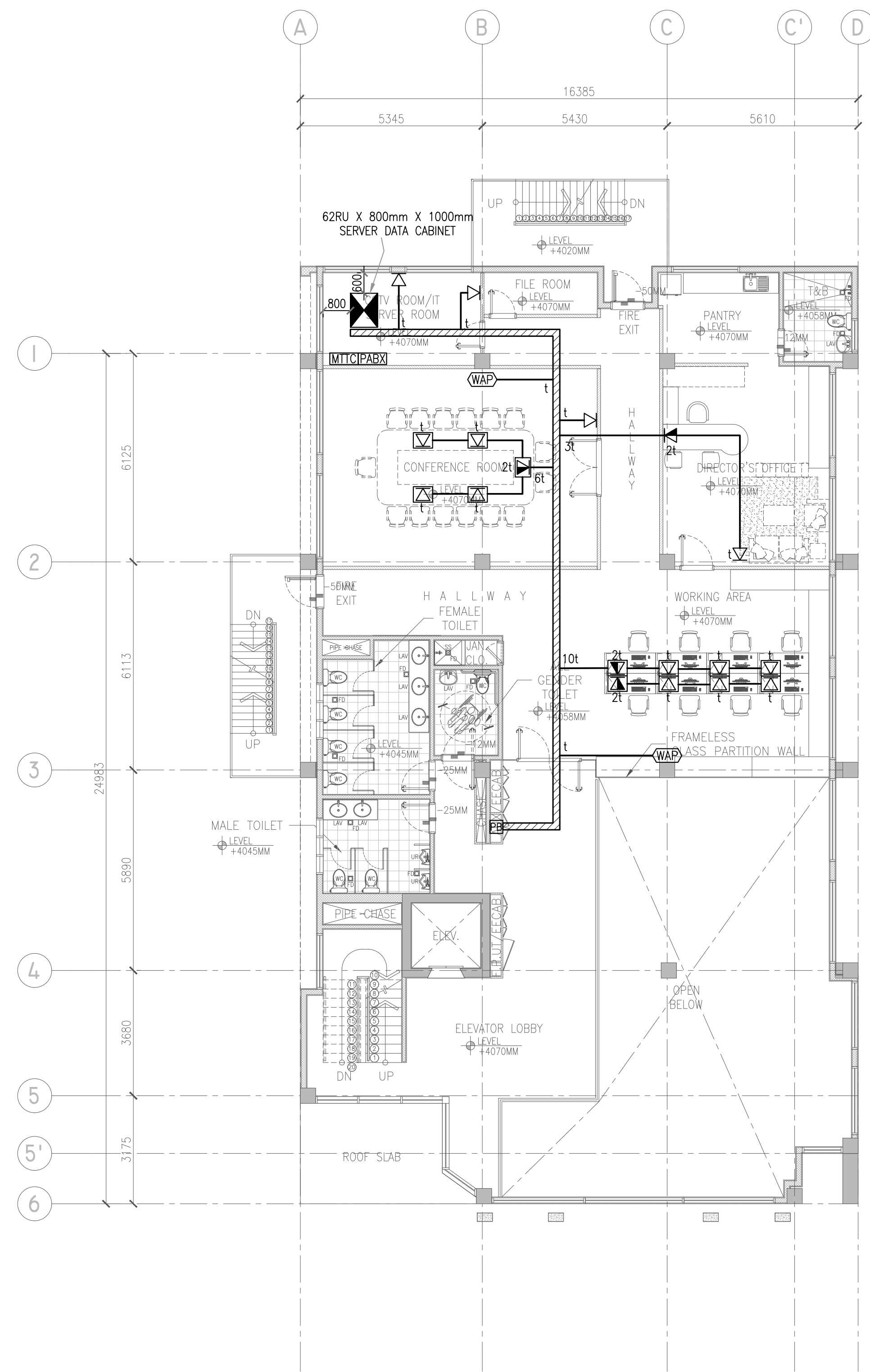
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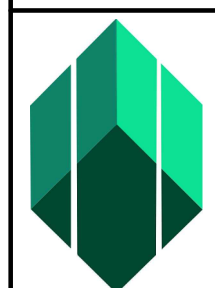
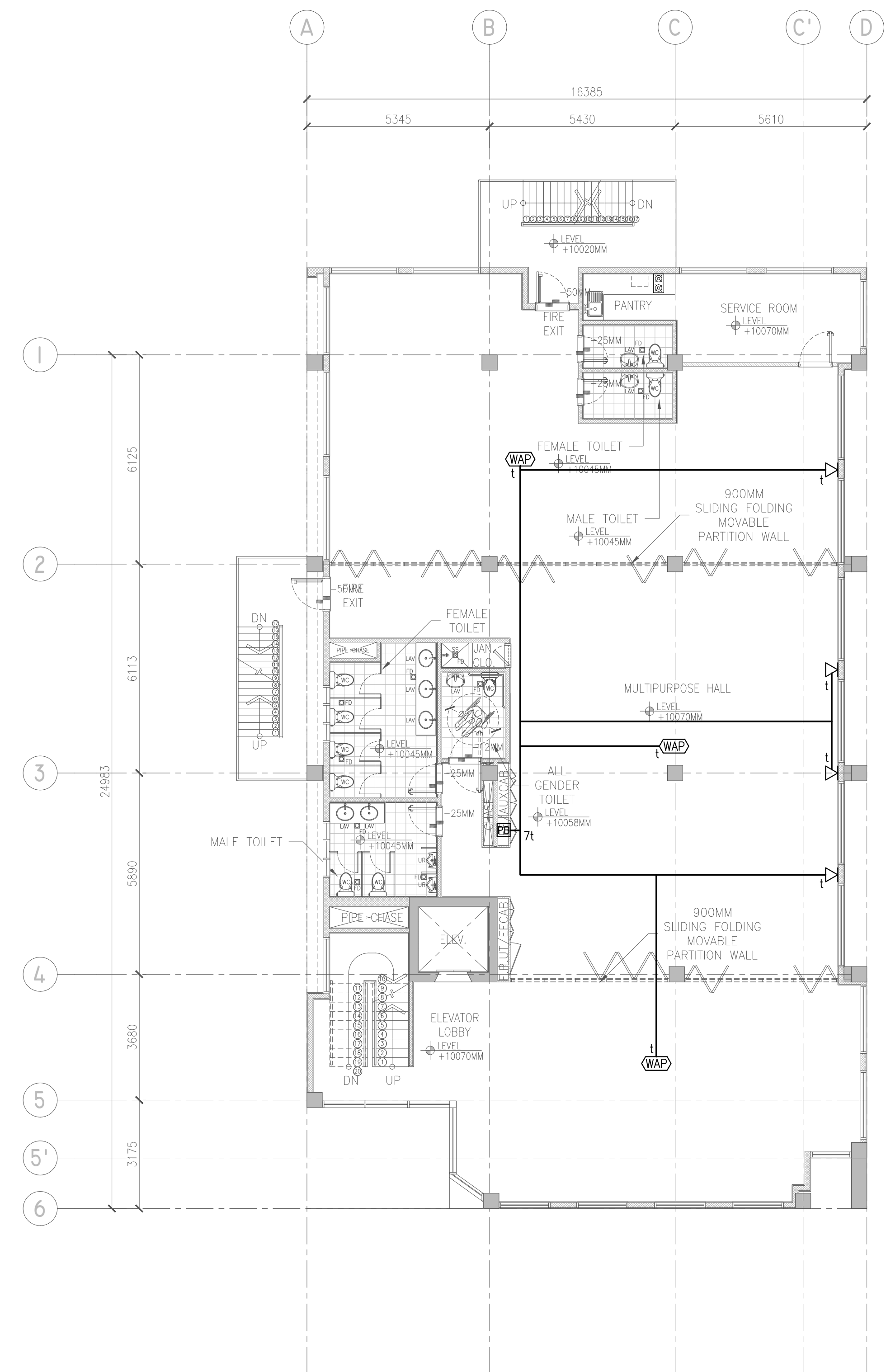
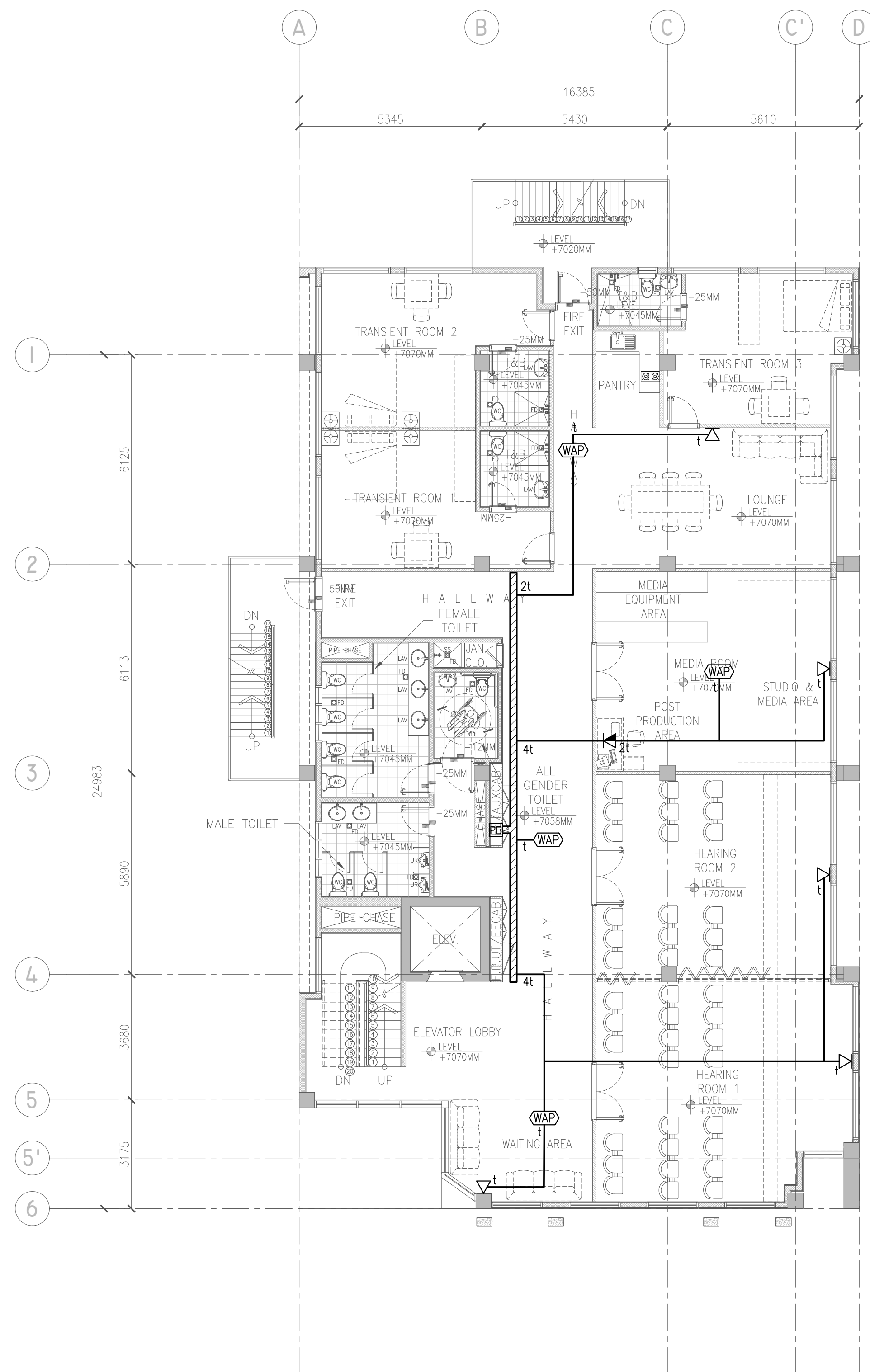


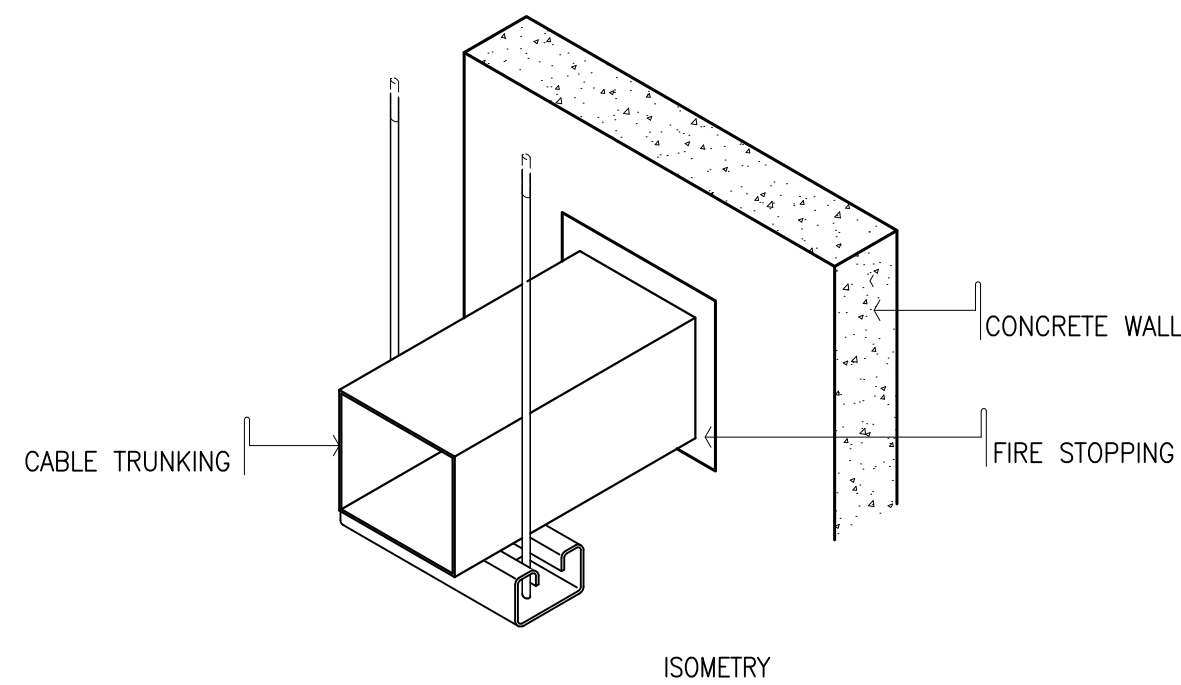
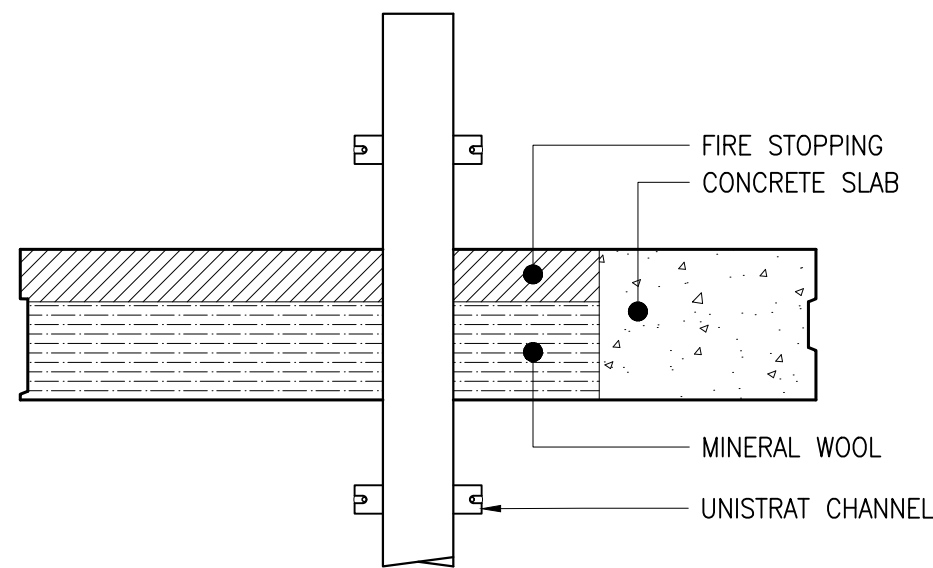
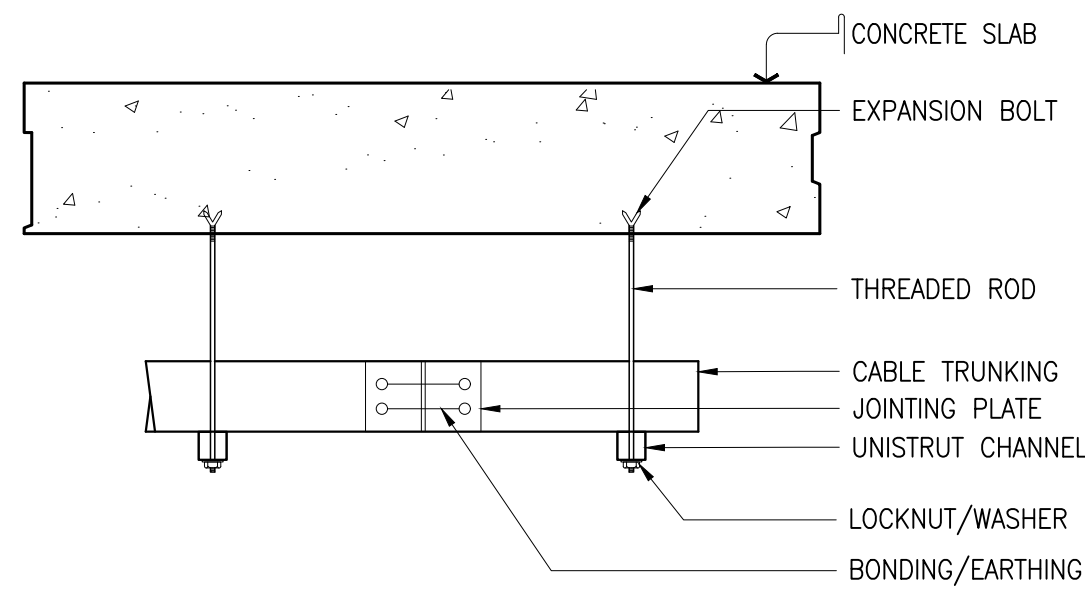
1 GROUND FLOOR TELEPHONE/DATA SYSTEM LAYOUT
EA-010 SCALE 1:100M



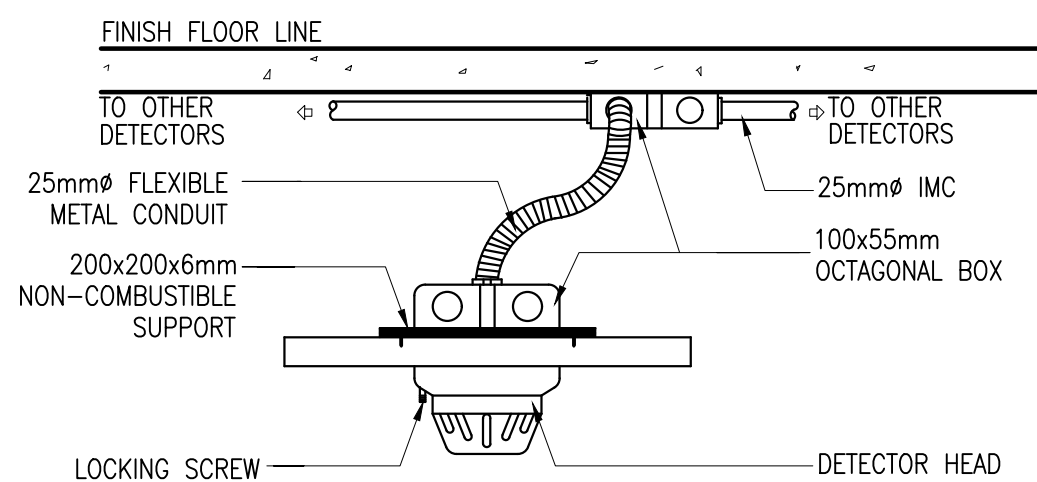
2 SECOND FLOOR TELEPHONE/DATA SYSTEM LAYOUT
EA-010 SCALE 1:100M

 Securities and Exchange Commission P H I L I P P I N E S	CHECKED AND SUBMITTED BY			PROJECT TITLE/LOCATION		RECOMMENDING APPROVAL		APPROVED BY		SHEET CONTENTS		R.A. 9266 SEC. 33 DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.										CADD		DATE	NO.	REVISIONS		CHK	DATE	PAPER SIZE	SHEET NO.
	ALDEN C. ONG M.Eng., ASEP SEC-HTC		REG. NO.: 68251	PROPOSED RETROFITTING AND RENOVATION OF THE SEC DAVAO EXTENSION OFFICE UNIVERSITY AVENUE, JUNA SUBDIVISION MATINA, DAVAO CITY		VHINCENT G. CAÑARES SEC DIRECTOR, MSD		JAVEY PAUL D. FRANCISCO COMMISSIONER		DAVAO GROUND FLOOR TELEPHONE/DATA SYSTEM LAYOUT SECOND FLOOR TELEPHONE/DATA SYSTEM LAYOUT		JFT DESIGNED LSS/MABM APPROVED CHMP										JUL 2024						20X30	EA-010		
			TIN NO.: 168-950-786																												
			PTR NO.: 10077889																			CRISFER HENRY M. PREÑA									
			DATE : JANUARY 05, 2024																			PROFESSIONAL ELECTRONICS ENGINEER									
		PLACE : MAKATI CITY																			DATE						AS SHOWN	DE-G-24-006			

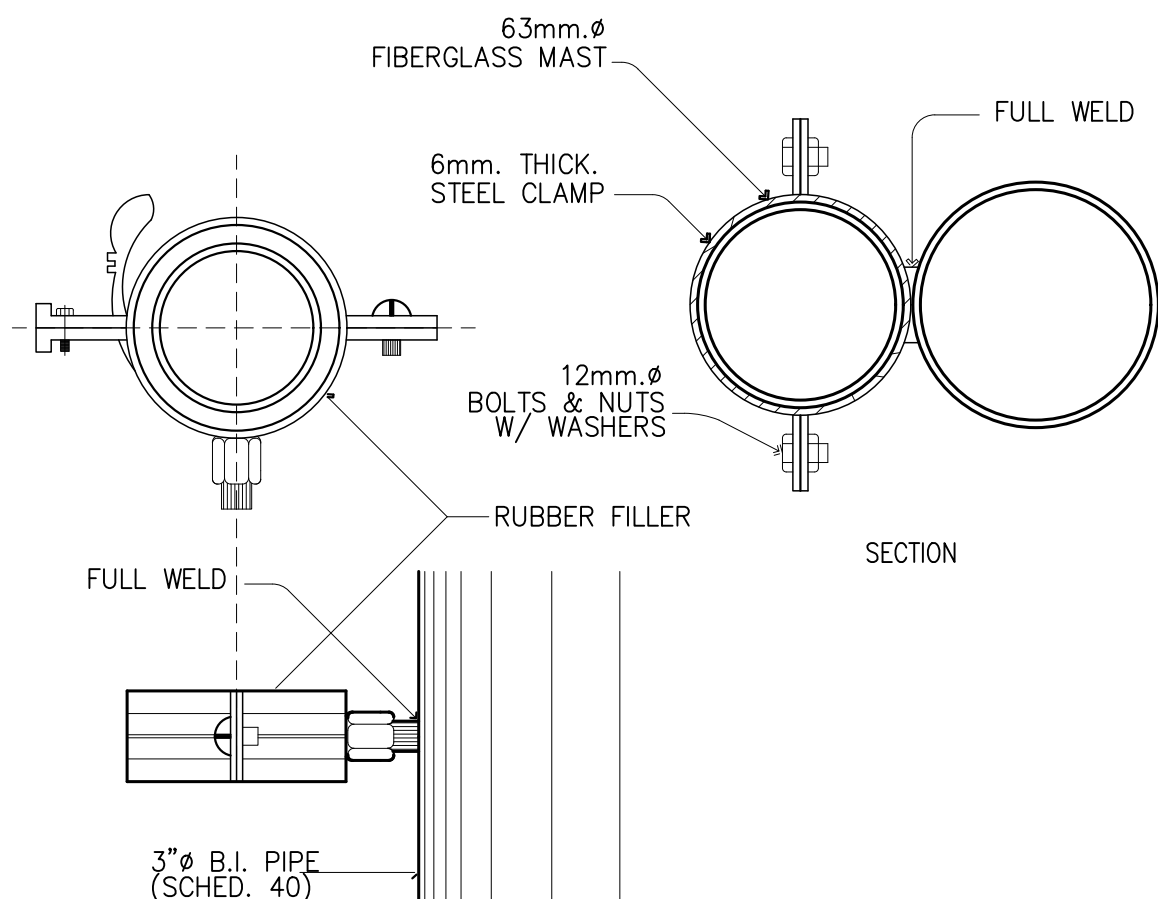




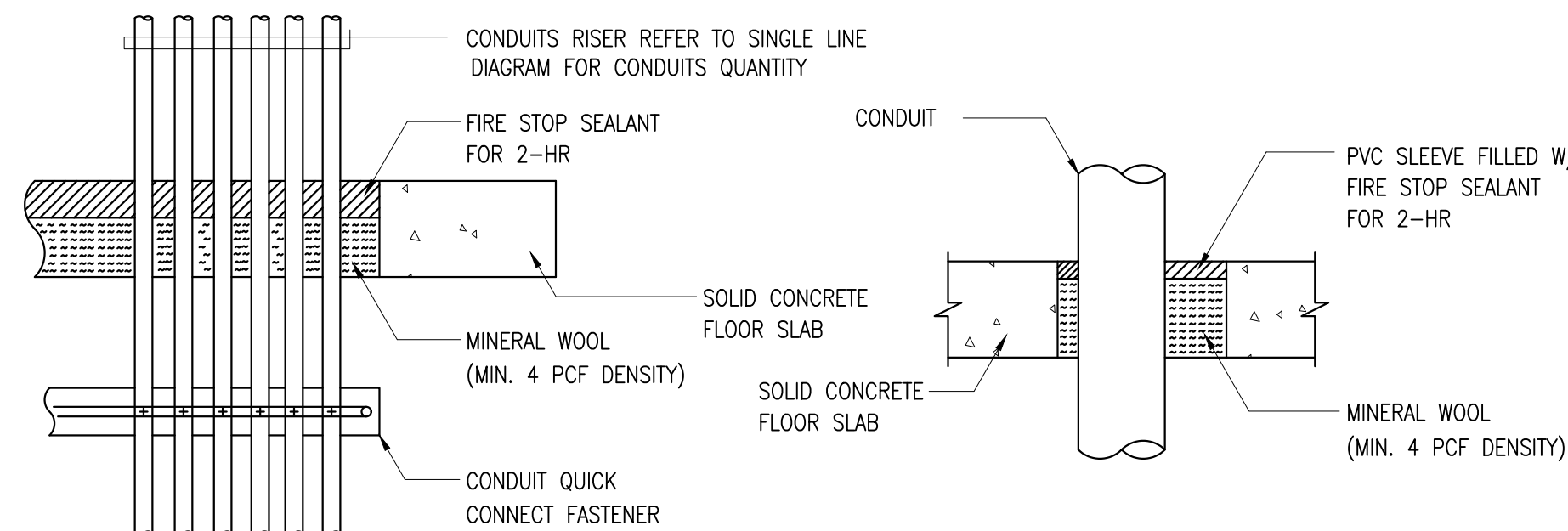
1 CABLE TRUNKING INSTALLATION
EA-012 SCALE NTS



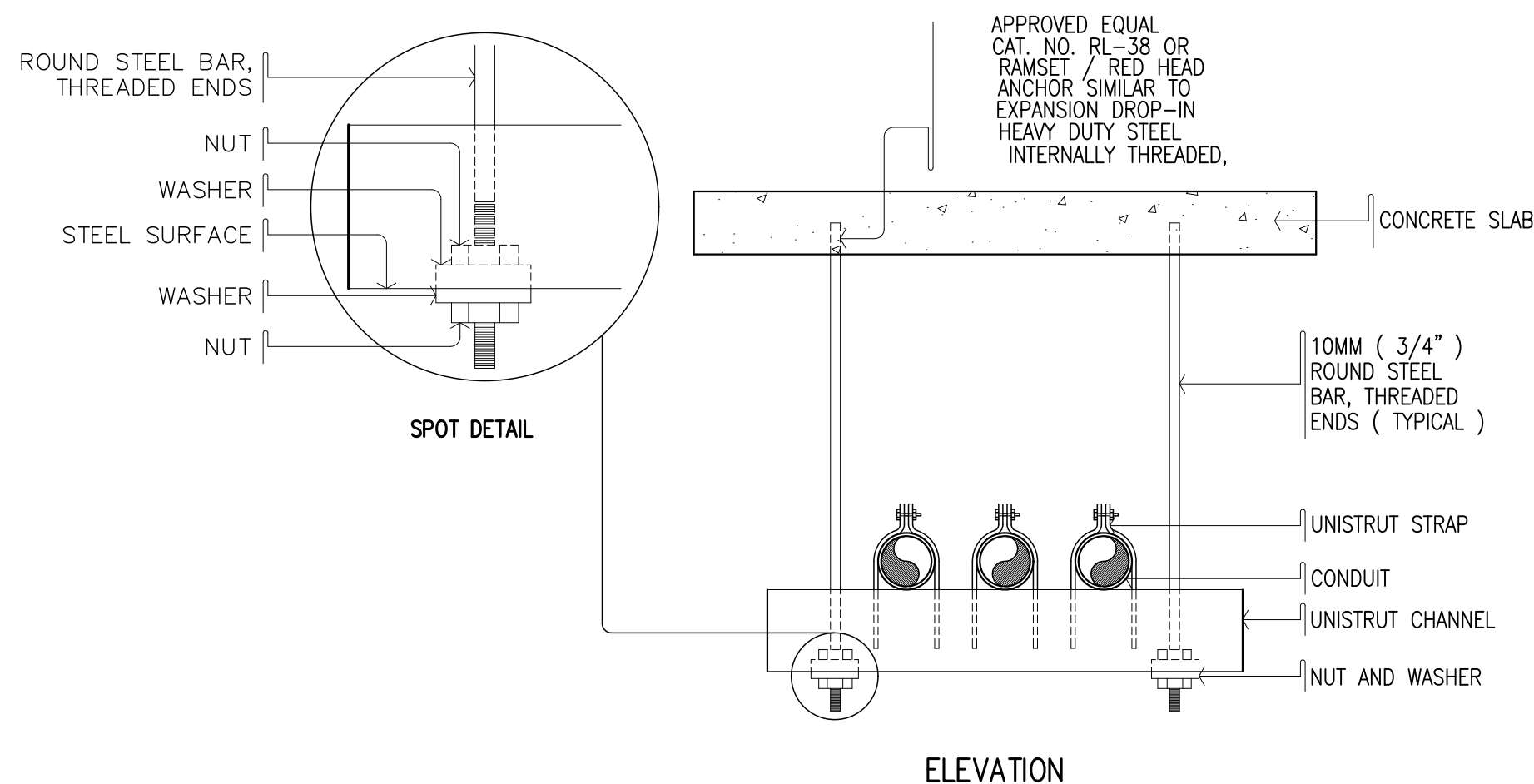
2 FLUSH MOUNTED DETECTOR MOUNTING DETAIL
EA-012 SCALE NTS



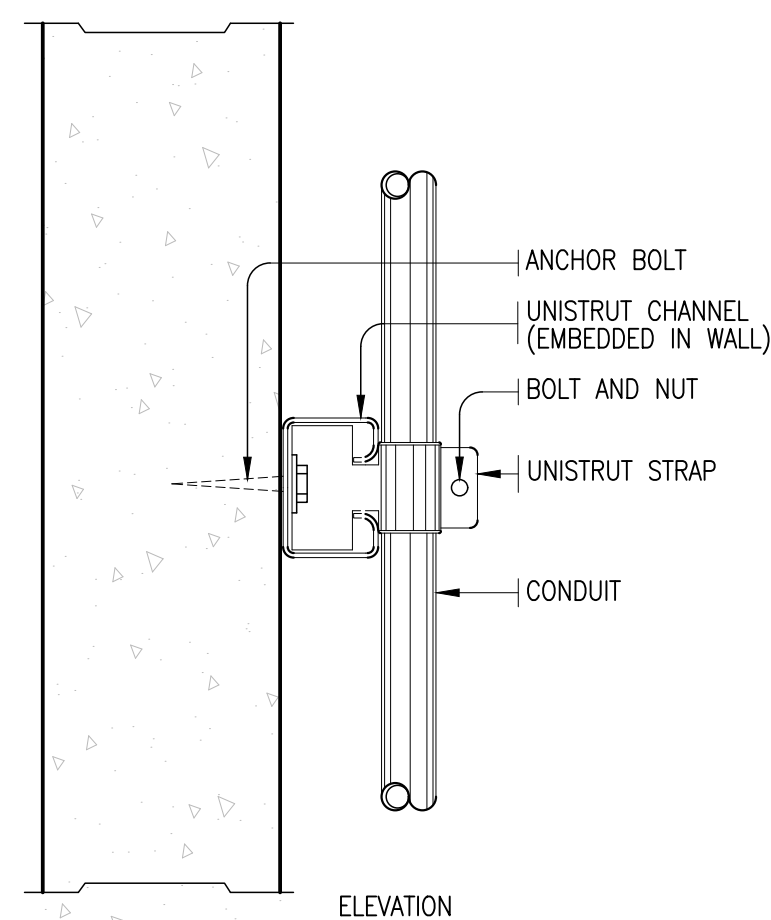
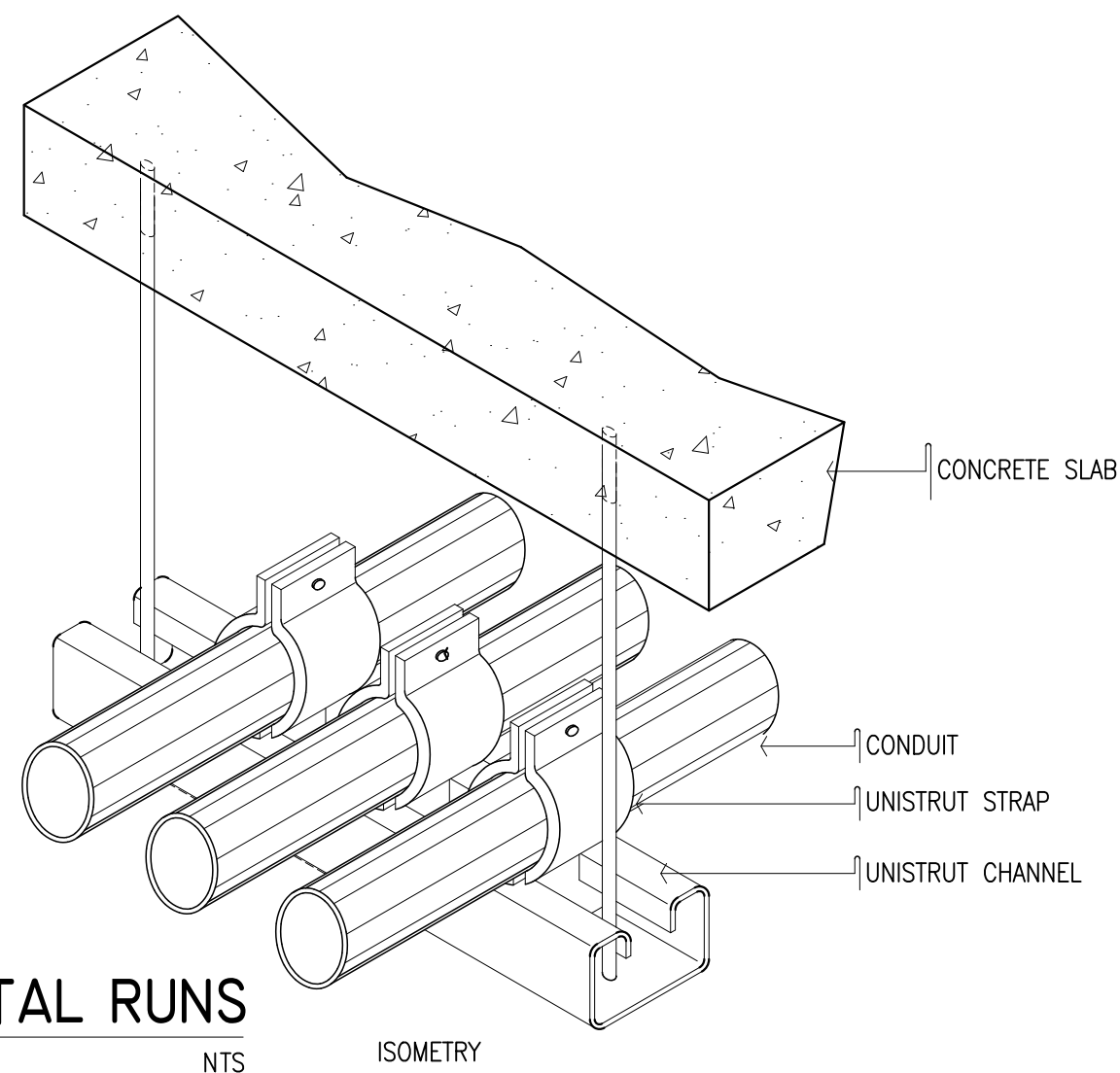
3 CABLE CLAMP DETAIL
EA-012 SCALE NTS



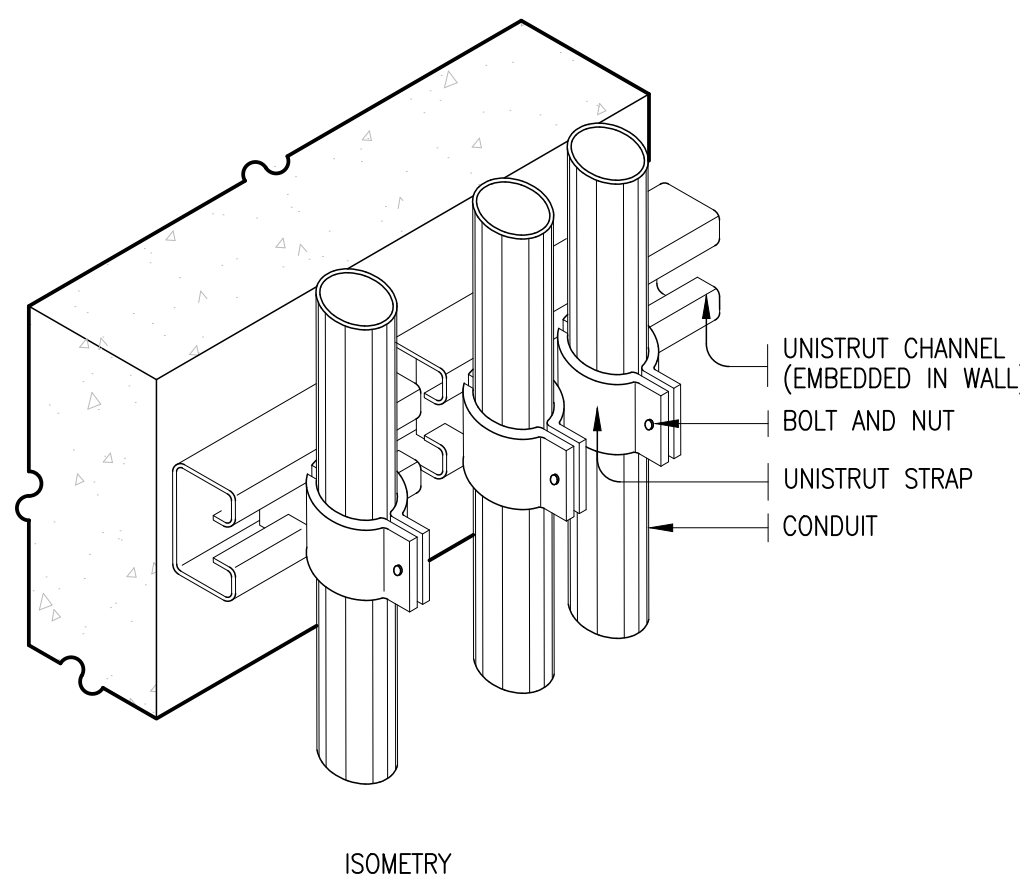
4 RACEWAY PENETRATION WITH FIRESTOP
EA-012 SCALE NTS



5 TYPICAL CONDUIT SUPPORT DETAIL FOR HORIZONTAL RUNS
EA-012 SCALE

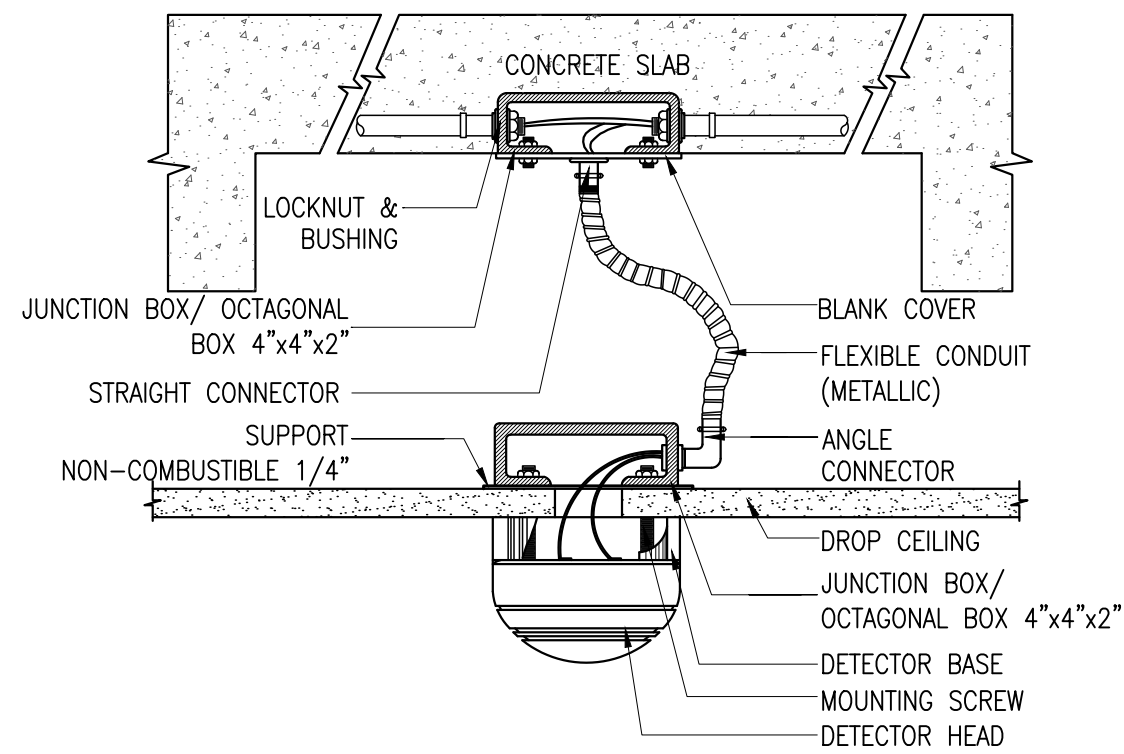


6 TYPICAL CONDUIT SUPPORT DETAIL FOR VERTICAL RUNS
EA-012 SCALE NTS



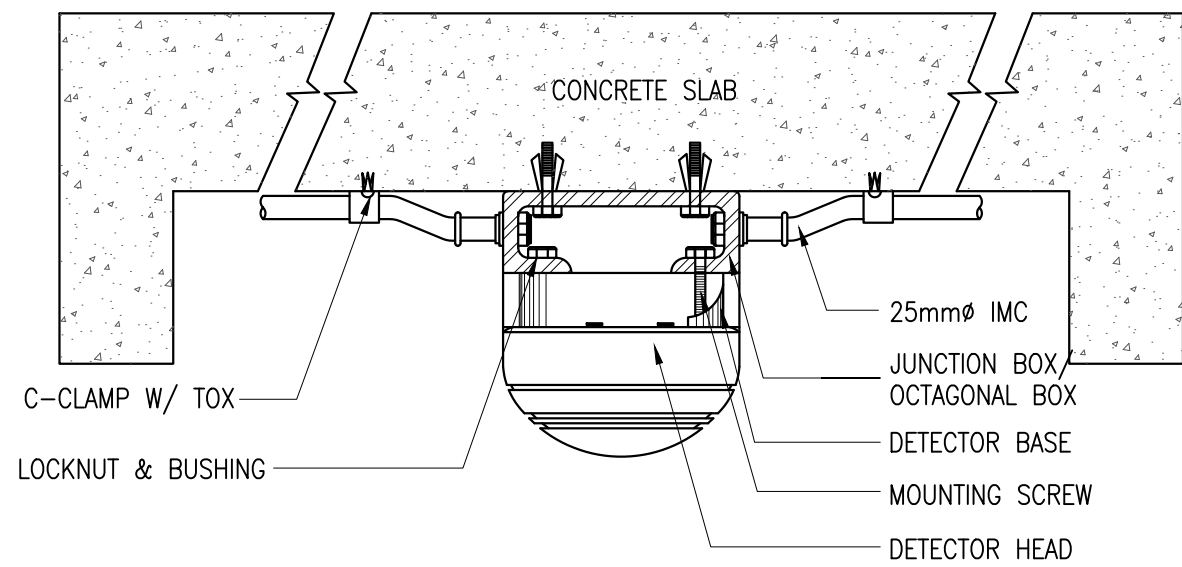
Securities and
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CHECKED AND SUBMITTED BY		PROJECT TITLE/LOCATION	RECOMMENDING APPROVAL	APPROVED BY	SHEET CONTENTS	R.A. 9266 SEC. 33 DRAWINGS AND SPECIFICATIONS AND CONTRACT DOCUMENTS DULY SIGNED, STAMPED OR SEALED AS INSTRUMENTS FOR SERVICE ARE THE INTELLECTUAL PROPERTY AND DOCUMENTS OF ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF AND FOR OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE, WITHOUT THE WRITTEN CONSENT OF THE ARCHITECT OR AUTHOR OF SAID DOCUMENTS.	CADD	DATE	NO.	REVISIONS	CHK	DATE	PAPER SIZE	SHEET NO.
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	TIN NO. : 168-950-786						DESIGNED	DATE					SCALE	PROJECT NO.
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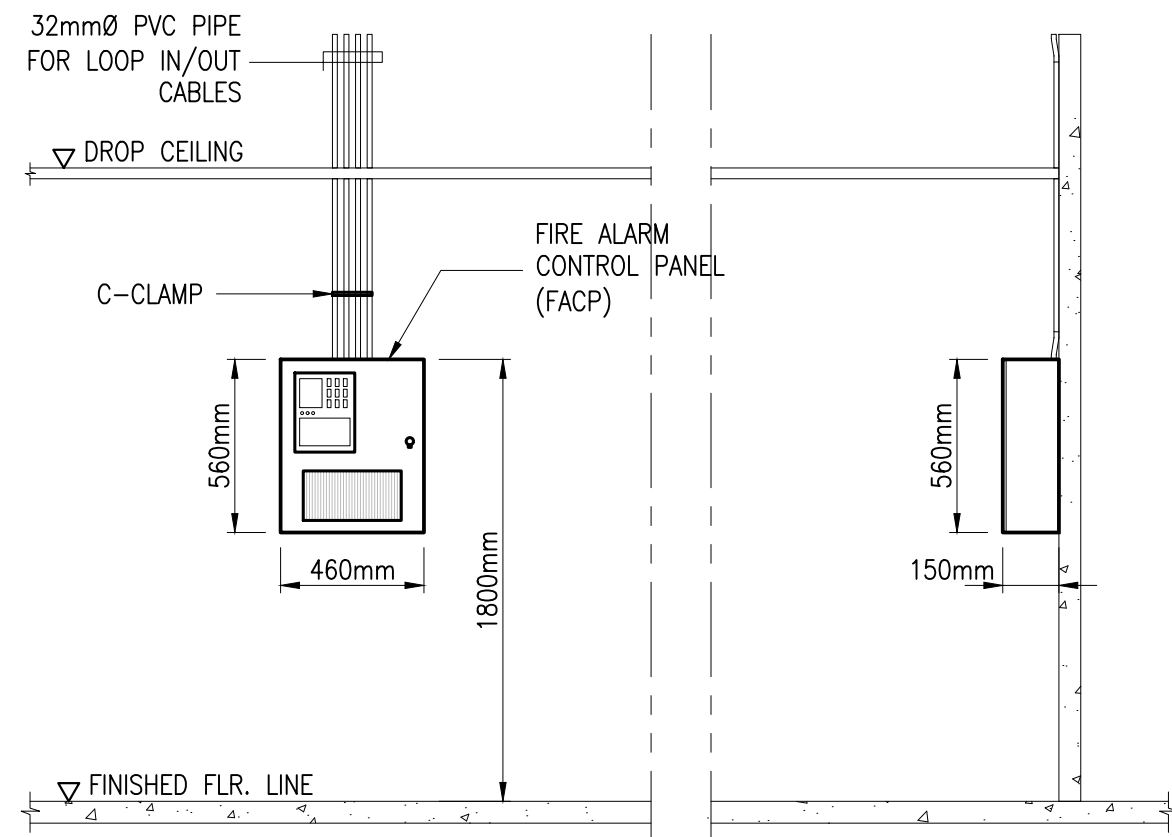
1 SMOKE/HEAT DETECTOR MOUNTING DETAIL ON DROP CEILING WITH CONDUITS EMBEDDED

EA-013 SCALE NTS



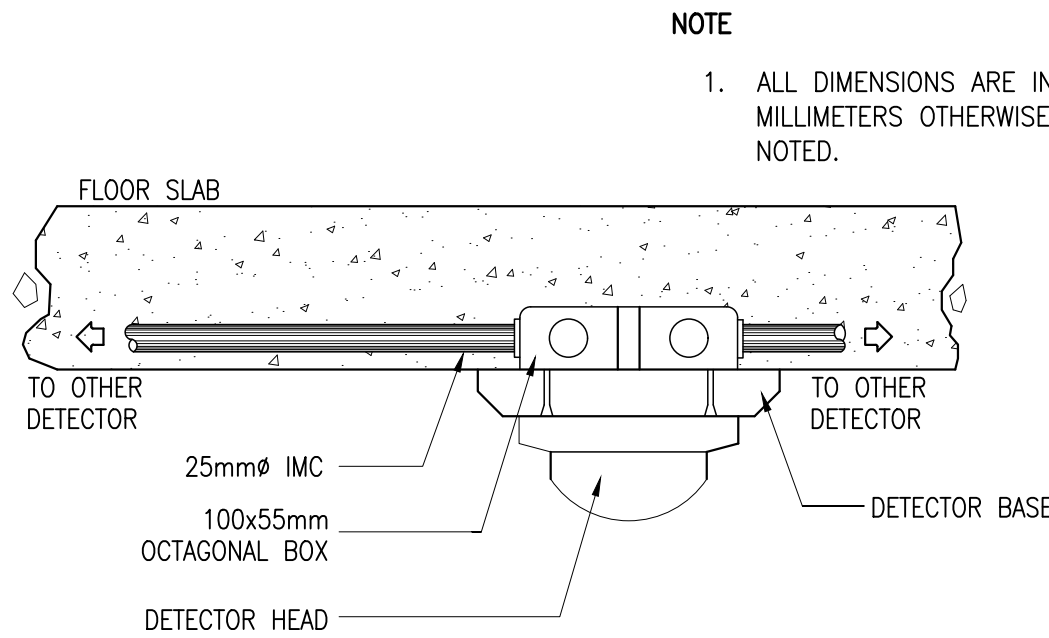
2 SMOKE/HEAT DETECTOR MOUNTING DETAIL WITH CONDUITS EXPOSED

EA-013 SCALE NTS



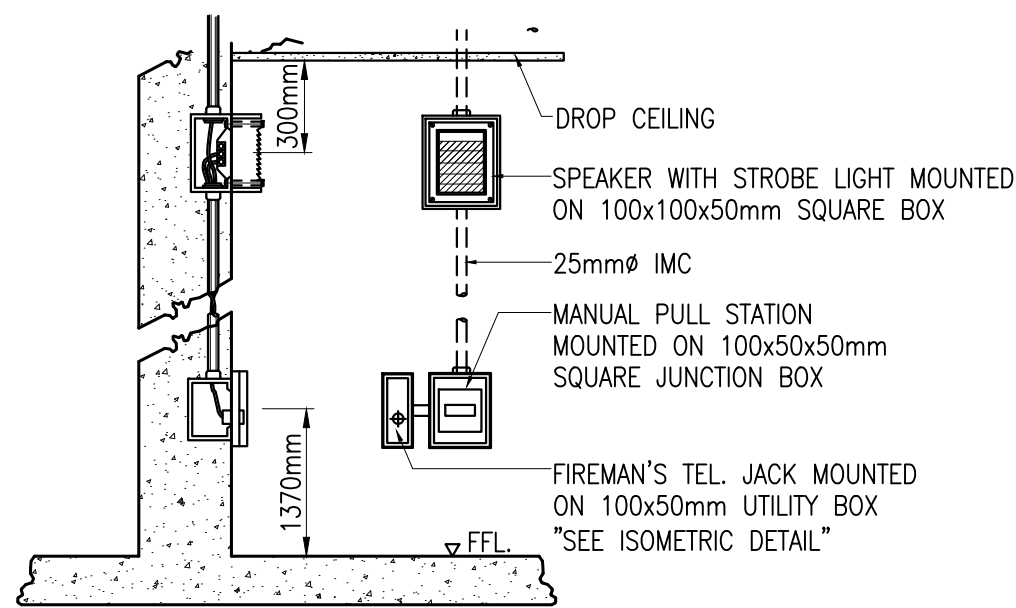
3 SURFACE MOUNTED FIRE ALARM CONTROL PANEL MOUNTING DETAIL

EA-013 SCALE NTS



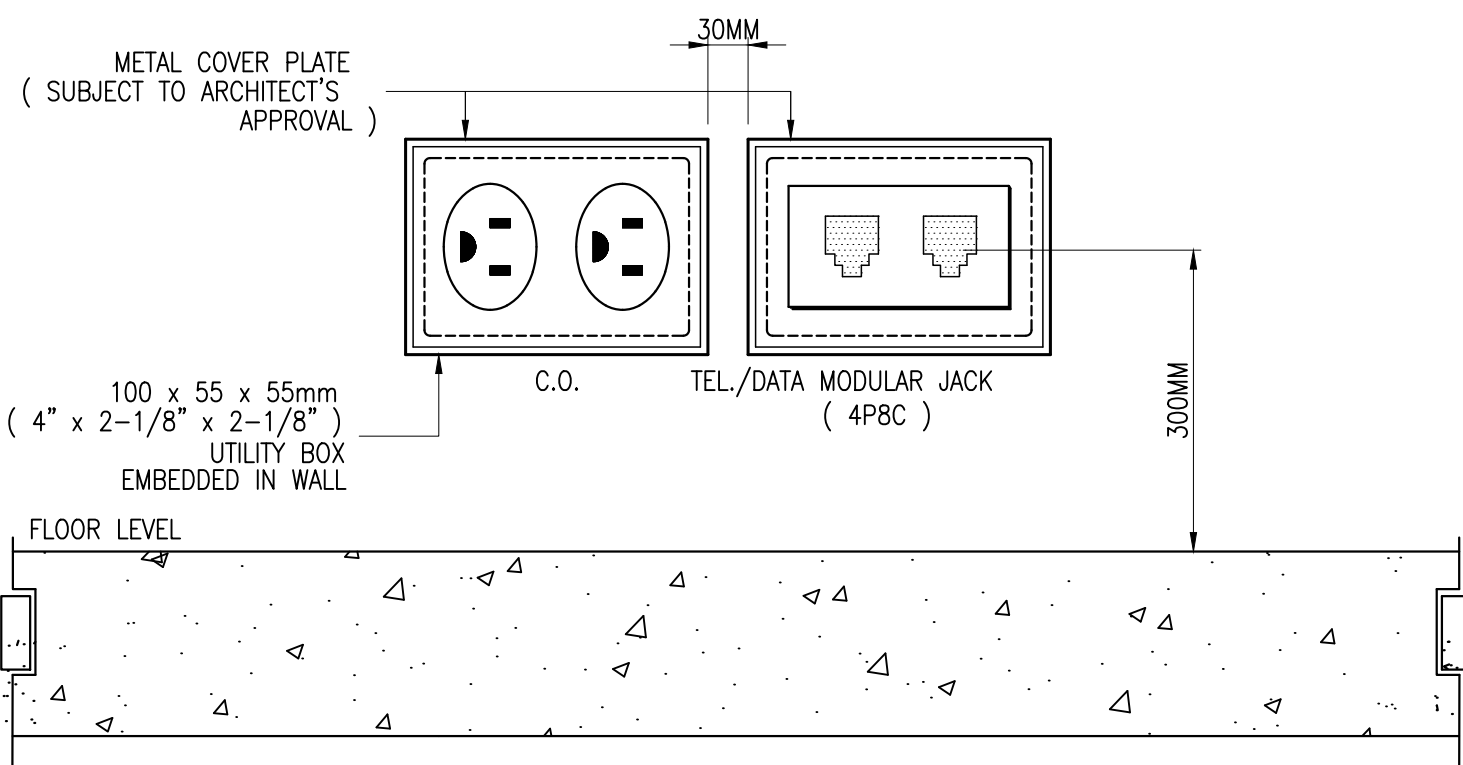
4 SURFACE MOUNTED DETECTOR MOUNTING DETAIL

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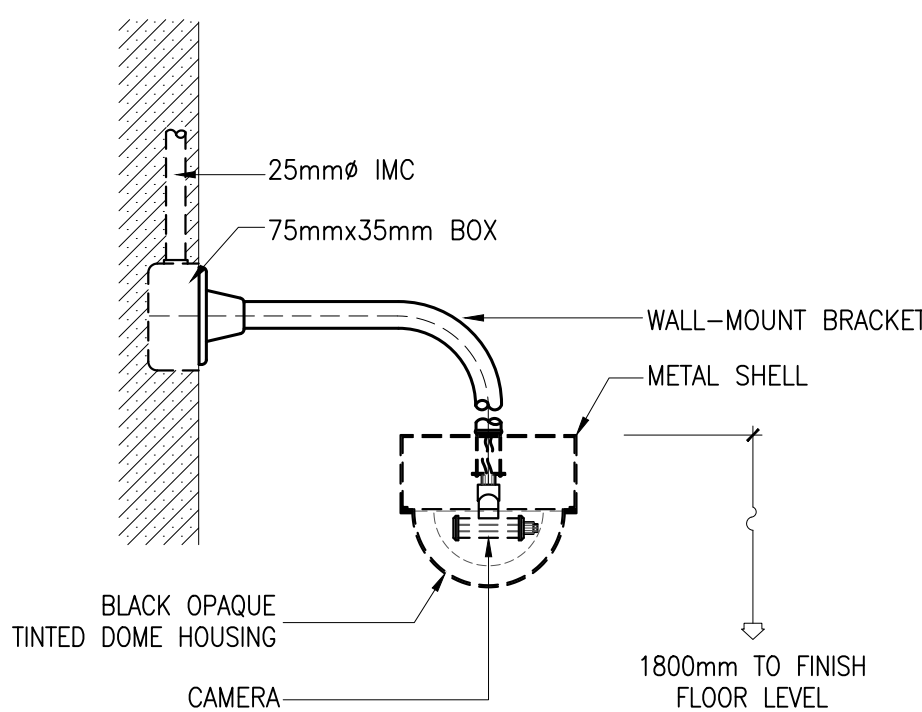
5 SPEAKER HORN, MANUAL PULL STATION AND FIREMAN'S TELEPHONE JACK MOUNTING DETAILS

EA-013 SCALE NTS



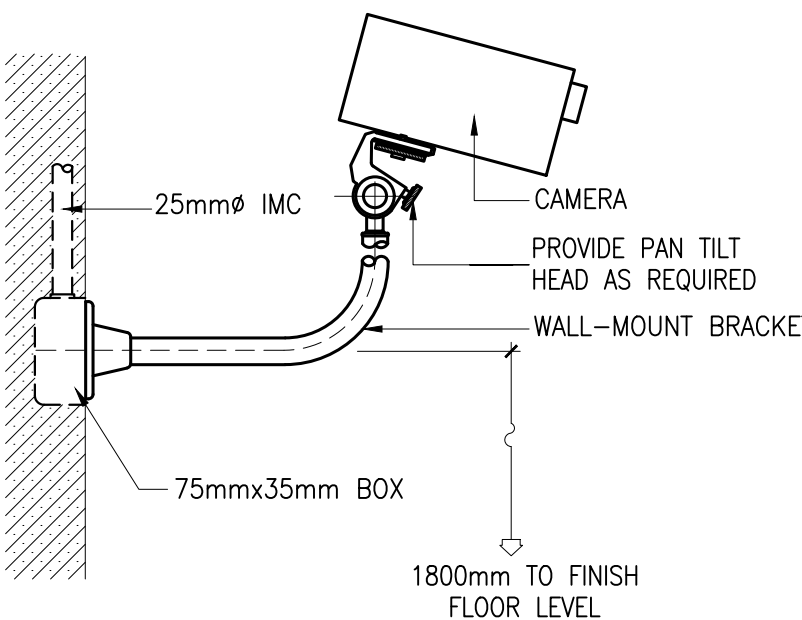
6 TYPICAL C.O. & TELEPHONE/DATA MODULAR JACK MOUNTING DETAIL

EA-013 SCALE NTS



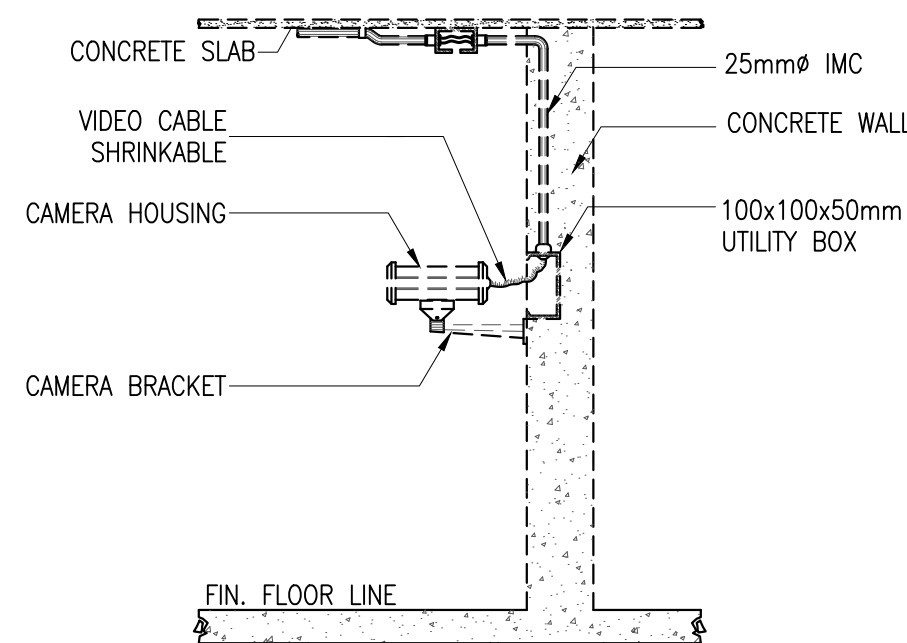
7 TYPICAL DOME TYPE CAMERA MOUNTING DETAIL (WALL MOUNTED)

EA-013 SCALE NTS



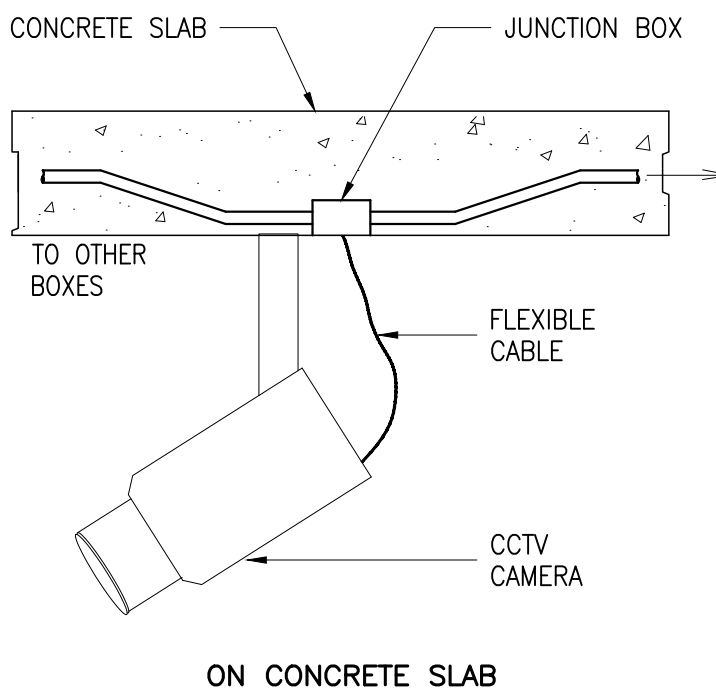
8 WALL MOUNTED CCTV MOUNTING DETAIL

EA-013 SCALE NTS



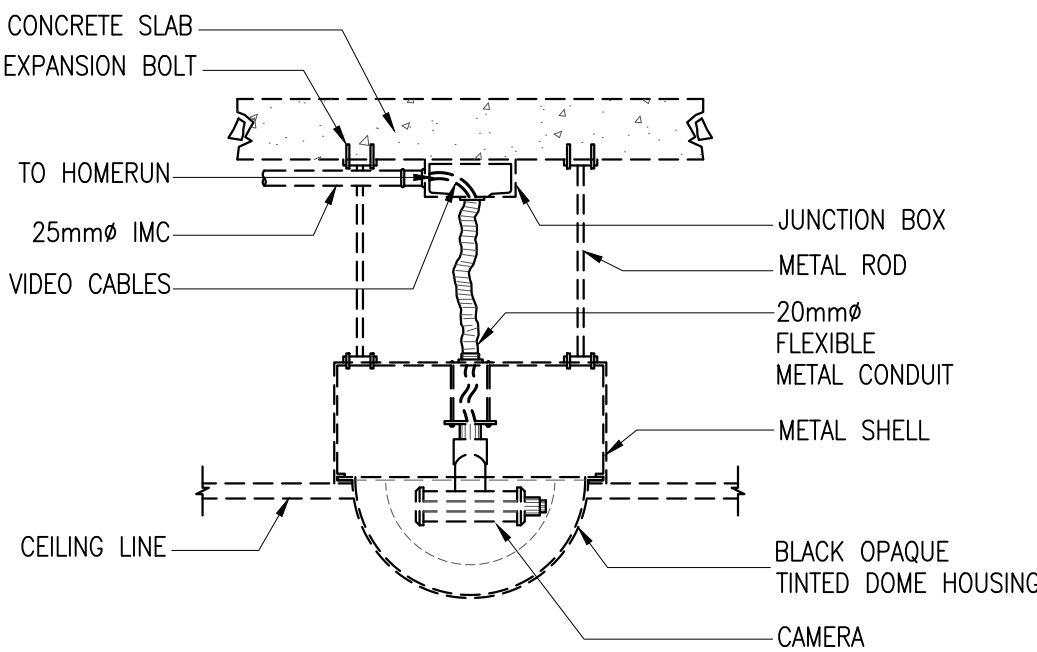
9 TYPICAL CAMERA MOUNTING DETAIL

EA-013 SCALE NTS



10 CCTV MOUNTING DETAILS

EA-013 SCALE NTS



11 TYPICAL CAMERA MOUNTING DETAIL

EA-013 SCALE NTS