

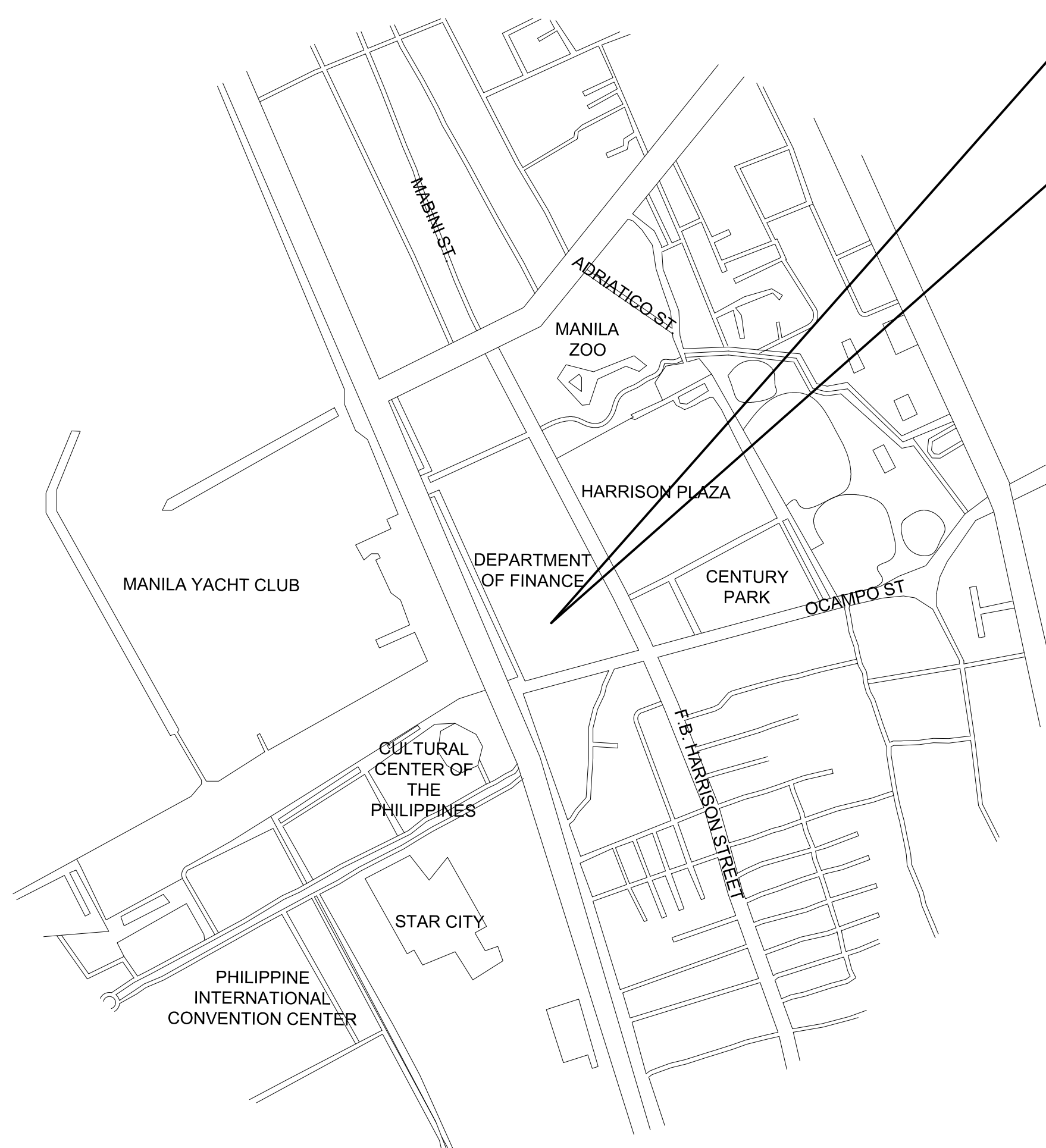


DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION
PROJECT (NTRC AND FIRB OFFICES)

1 INTERIOR PERSPECTIVE
A-1.0 SCALE NTS

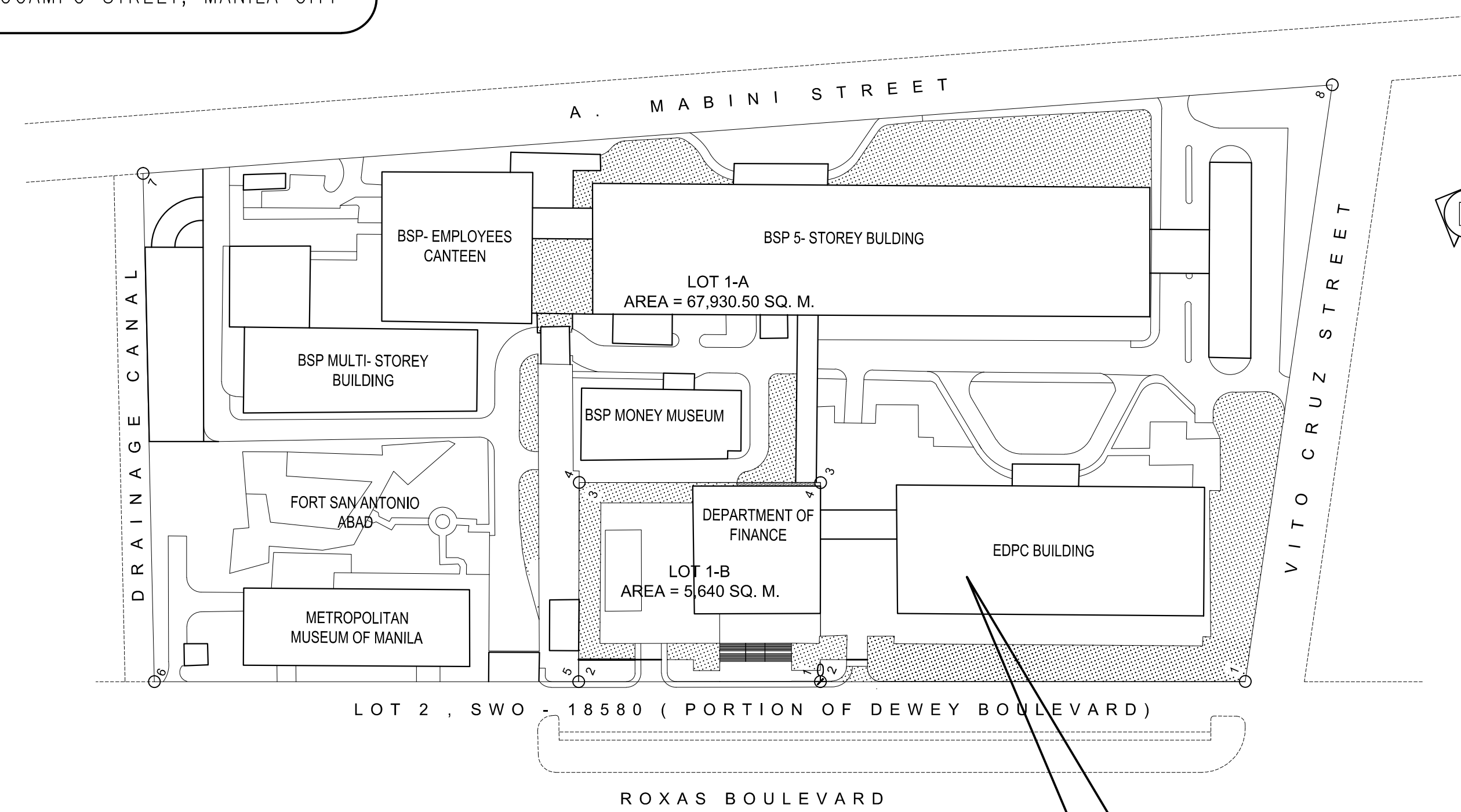
THE SITE

DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING
EDPC BUILDING, BSP COMPLEX, ROXAS BLVD.
CORNER P. OCAMPO STREET, MANILA CITY



DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION
PROJECT (NTRC AND FIRB OFFICES)

2 VICINITY MAP
A-1.0 SCALE NTS



DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION
PROJECT (NTRC AND FIRB OFFICES)

3 SITE DEVELOPMENT PLAN
A-1.0 SCALE NTS

THE SITE

DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING
EDPC BUILDING, BSP COMPLEX, ROXAS BLVD.
CORNER P. OCAMPO STREET, MANILA CITY

TABLE OF CONTENTS

ARCHITECTURAL

- A-2.1 - AS-FOUND PLAN AND PROPOSED DISMANTLING AND DEMOLITION PLAN A SCHEDULE OF AS-FOUND WALL PARTITIONS KEY PLAN
- A-2.2 - AS-FOUND PLAN AND PROPOSED DISMANTLING AND DEMOLITION PLAN B SCHEDULE OF AS-FOUND WALL PARTITIONS KEY PLAN
- A-2.3 - FURNITURE LAYOUT A, KEY PLAN
- A-2.4 - FURNITURE LAYOUT B, KEY PLAN
- A-2.5 - CONSTRUCTION LAYOUT A SCHEDULE OF WALL FINISHES, KEY PLAN
- A-2.6 - CONSTRUCTION LAYOUT B SCHEDULE OF WALL FINISHES, KEY PLAN
- A-2.7 - FLOOR FINISH LAYOUT A, SCHEDULE OF FLOOR FINISHES, KEY PLAN
- A-2.8 - FLOOR FINISH LAYOUT B, SCHEDULE OF FLOOR FINISHES, KEY PLAN
- A-2.9 - REFLECTED CEILING PLAN A, SCHEDULE OF CEILING FINISHES, SCHEDULE OF LIGHTING FIXTURES, KEY PLAN
- A-2.10 - REFLECTED CEILING PLAN B, SCHEDULE OF CEILING FINISHES, SCHEDULE OF LIGHTING FIXTURES, KEY PLAN
- A-3.1 - CROSS AND LONGITUDINAL SECTION
- A-4.1 - TOILET BLOW-UP PLAN AND SECTION, DETAIL
- A-4.2 - TOILET BLOW-UP PLAN AND SECTION, DETAIL
- A-5.1 - UTILITY RAMP DETAIL
- A-5.2 - PANTRY COUNTER DETAILS
- A-5.2 - TRANSACTION COUNTER DETAIL PLANS, ELEVATIONS AND SECTION
- A-6.1 - SCHEDULE OF DOORS

ELECTRICAL

- E-01 - GENERAL NOTES, LEGENDS AND SYMBOLS, VICINITY MAP, DRAWING INDEX, ELECTRICAL ABBREVIATIONS
- E-02 - LIGHTING LAYOUT A
- E-03 - LIGHTING LAYOUT B
- E-04 - POWER LAYOUT A
- E-05 - POWER LAYOUT B
- E-06 - MECHANICAL LAYOUT A
- E-07 - MECHANICAL LAYOUT B
- E-08 - ACCU LAYOUT
- E-09 - LOAD SCHEDULE AND COMPUTATIONS A
- E-10 - LOAD SCHEDULE AND COMPUTATIONS B
- E-11 - LOAD SCHEDULE AND COMPUTATIONS C
- E-12 - POWER SINGLE LINE DIAGRAM
- E-13 - MISCELLANEOUS DETAILS

AUXILIARY

- AUX-01 - FDAS SYSTEM LAYOUT A
- AUX-02 - FDAS SYSTEM LAYOUT B
- AUX-03 - LAN & TEL SYSTEM LAYOUT A
- AUX-04 - LAN & TEL SYSTEM LAYOUT B
- AUX-05 - PABGM & CCTV SYSTEM LAYOUT A
- AUX-06 - PABGM & CCTV SYSTEM LAYOUT B
- AUX-07 - AUXILIARY RISER DIAGRAM

SANITARY AND PLUMBING

- P-1 - GENERAL NOTES, MATERIAL SPECIFICATIONS, LEGEND, ROUGHING-IN OF TOILETS, DETAIL OF FCU DRAIN, DETAIL OF CLEANOUT, DETAIL OF PIPE HANGERS, CLAMPS AND BRACKETS
- P-2 - PARTIAL 8TH FLOOR PLUMBING LAYOUT, KEYPLAN
- P-3 - PARTIAL 8TH FLOOR PLUMBING LAYOUT, KEYPLAN

MECHANICAL

- M-1 - GENERAL NOTES, LEGENDS AND SYMBOLS, DRAWING INDEX, ABBREVIATIONS, EQUIPMENT SCHEDULE
- M-2 - AIRCONDITIONING AND VENTILATION LAYOUT, KEY PLAN
- M-3 - AIRCONDITIONING AND VENTILATION LAYOUT, KEY PLAN
- M-4 - AIRCONDITIONING AND VENTILATION LAYOUT (BACK-UP), KEY PLAN
- M-5 - AIRCONDITIONING AND VENTILATION LAYOUT (BACK-UP), KEY PLAN
- M-6 - AIRCONDITIONING AND VENTILATION LAYOUT (BACK-UP), KEY PLAN
- M-7 - MISCELLANEOUS MECHANICAL DETAILS

FIRE PROTECTION

- FP-1 - DATA CENTER FIRE SUPPRESSION, GENERAL NOTES, MISCELLANEOUS DETAILS
- FP-2 - AFSS LAYOUT, KEY PLAN
- FP-3 - AFSS LAYOUT, KEY PLAN

REPUBLIC OF THE PHILIPPINES
DEPARTMENT OF
PUBLIC WORKS AND HIGHWAYS
OFFICE OF THE BUILDING
OFFICIAL

LINE AND GRADE

STANDARD USE OF
ZONING

ARCHITECTURAL

STRUCTURAL

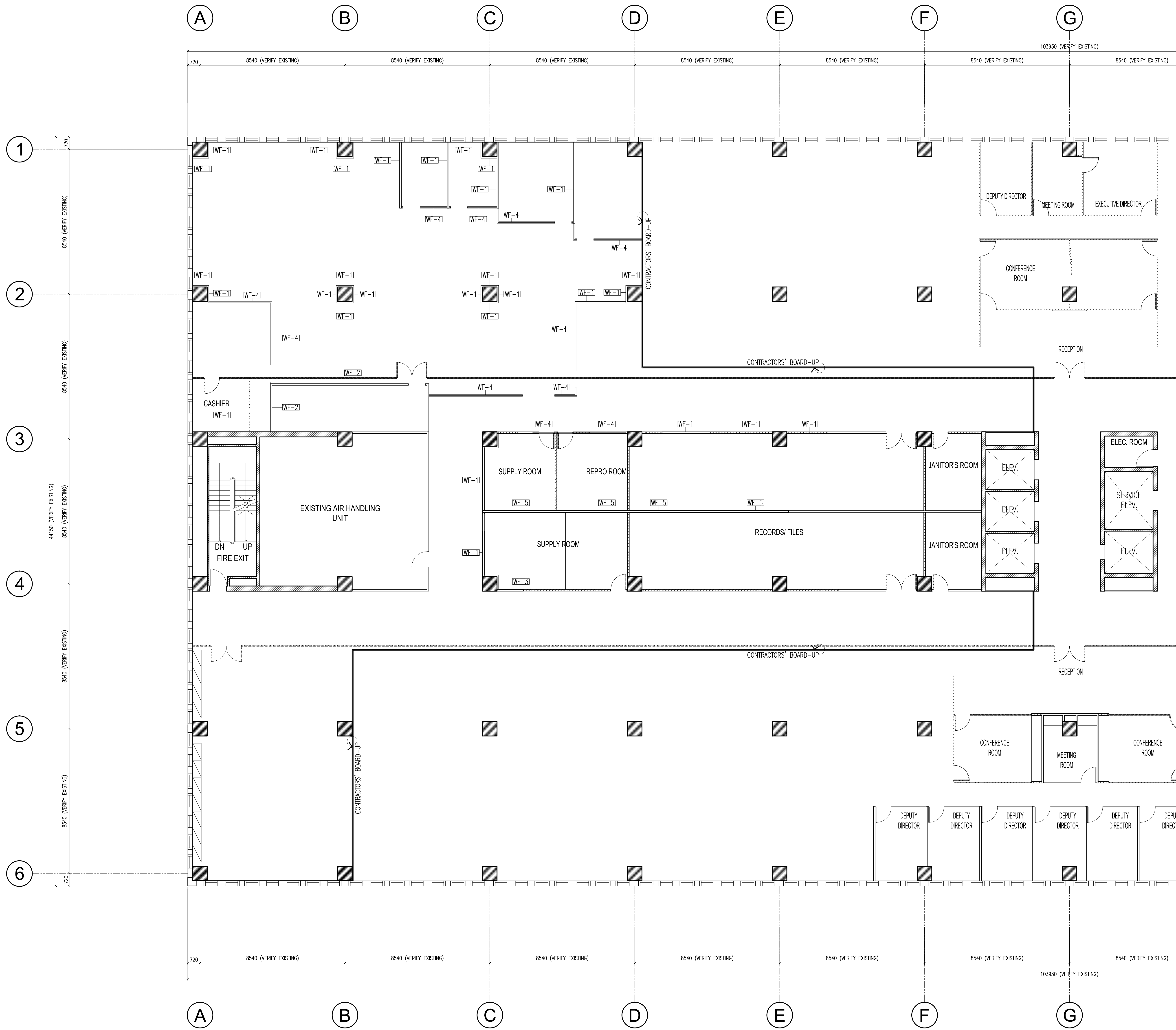
ELECTRICAL

SANITARY

MECHANICAL

DATE OF ISSUANCE: OCTOBER 05, 2021

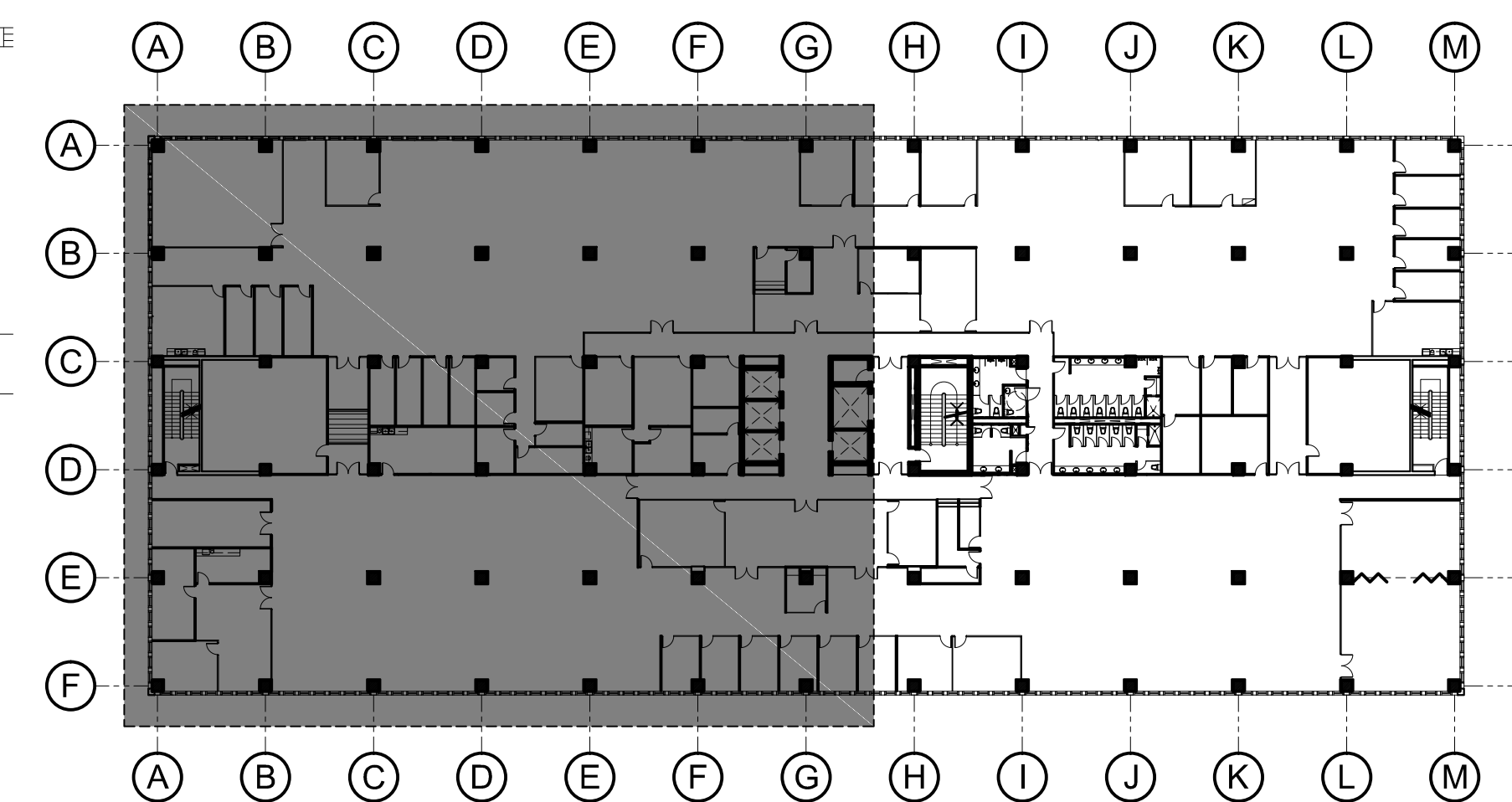
DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.		PROJECT TITLE :	APPROVED BY:	APPROVED BY:	APPROVED BY:	SHEET CONTENT :	SHEET NO.
BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 0036863		DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION	DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	USEC. GIL S. BELTRAN UNDERSECRETARY - PDM5G DEPARTMENT OF FINANCE	INTERIOR PERSPECTIVE	A 1.0
PTR NO. : 9869261	DATE : JANUARY 19, 2021					TABLE OF CONTENTS	
ISSUED AT : MANILA	TIN : 260-352-486-000	LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY				DRAWN BY : BFC	CHECKED BY : BFC
REPUBLIC ACT 9266						DESIGNED BY : BFC	DATE STARTED: JUNE 2021



SCHEDULE OF AS-FOUND PARTITIONS	
SYMBOL / TAG	DESCRIPTION
WF-1	METAL STUD AND TRACK FRAMING WITH SINGLE FACE DRYWALL BOARD INSTALLED
WF-2	METAL STUD AND TRACK FRAMING WITH DOUBLE FACE DRYWALL BOARD INSTALLED
WF-3	METAL STUD AND TRACK FRAMING INSTALLED
WF-4	METAL STUD AND TRACK TOP WALL FRAMING INSTALLED
WF-5	EXISTING DRYWALL RETAINED
WF-6	EXISTING CHB RETAINED
-----	EXISTING WALL PARTITION SUBJECT FOR DEMOLITION AND DISMANTLING

NOTES:

- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
- CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
- ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
- ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
1 AS-FOUND WALL PLAN AND PROPOSED DEMOLITION & DISMANTLING PLAN A
 SCALE: A-2.1 1:100 MTS

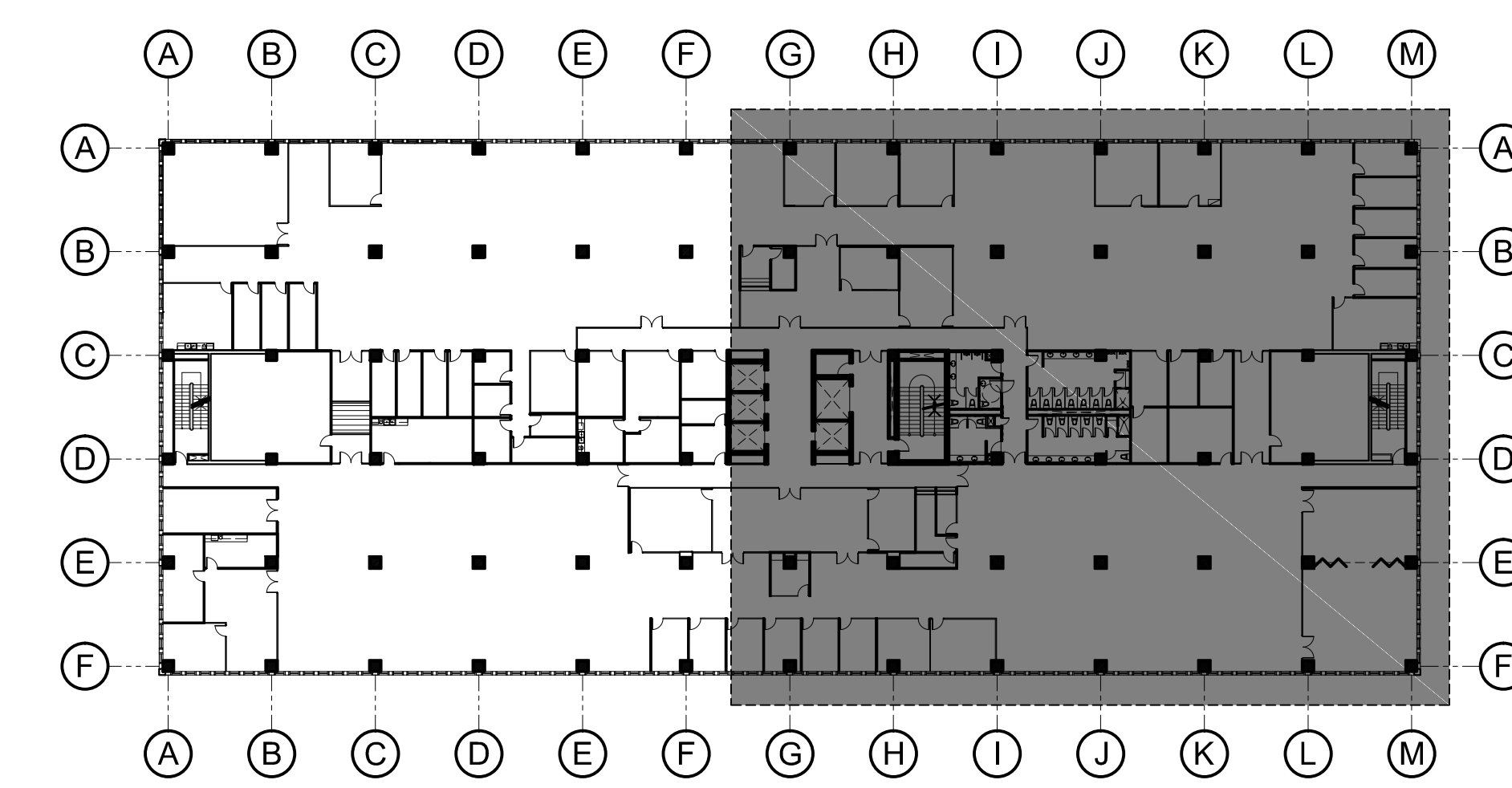
DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 0036863 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE	SHEET CONTENT : AS-FOUND WALL PLAN AND PROPOSED DEMOLITION & DISMANTLING PLAN A SCHEDULE OF AS-FOUND PARTITIONS DRAWN BY : BFC DESIGNED BY : BFC	SHEET NO. A 2.1
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : BFC DATE STARTED: JUNE 2021				



SCHEDULE OF AS-FOUND PARTITIONS	
SYMBOL / TAG	DESCRIPTION
WF-1	METAL STUD AND TRACK FRAMING WITH SINGLE FACE DRYWALL BOARD INSTALLED
WF-2	METAL STUD AND TRACK FRAMING WITH DOUBLE FACE DRYWALL BOARD INSTALLED
WF-3	METAL STUD AND TRACK FRAMING INSTALLED
WF-4	METAL STUD AND TRACK TOP WALL FRAMING INSTALLED
WF-5	EXISTING DRYWALL RETAINED
WF-6	EXISTING CHB RETAINED
*****	EXISTING WALL PARTITION SUBJECT FOR DEMOLITION AND DISMANTLING

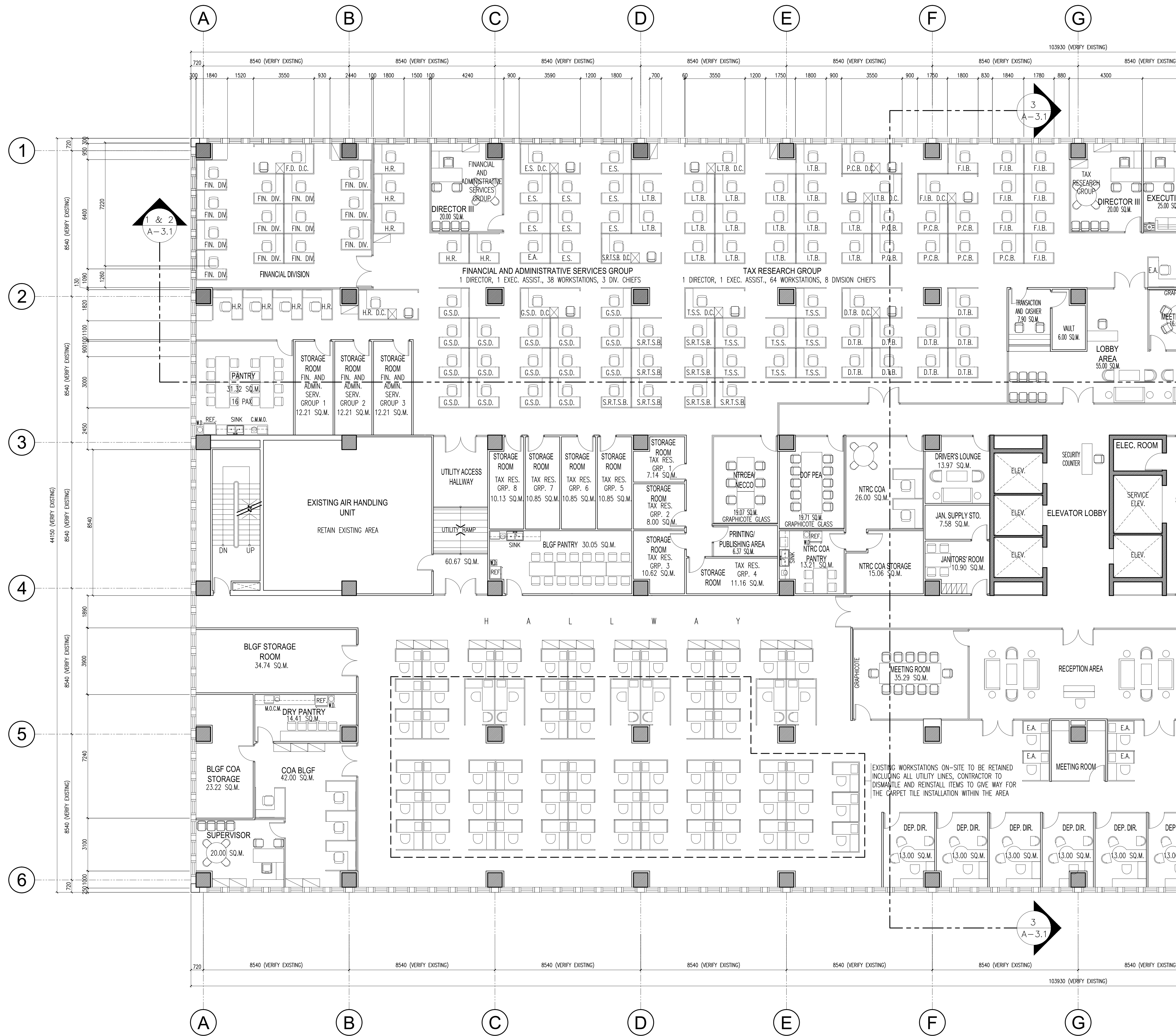
- NOTES:**
- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
 - CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
 - ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
 - ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
 - ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.



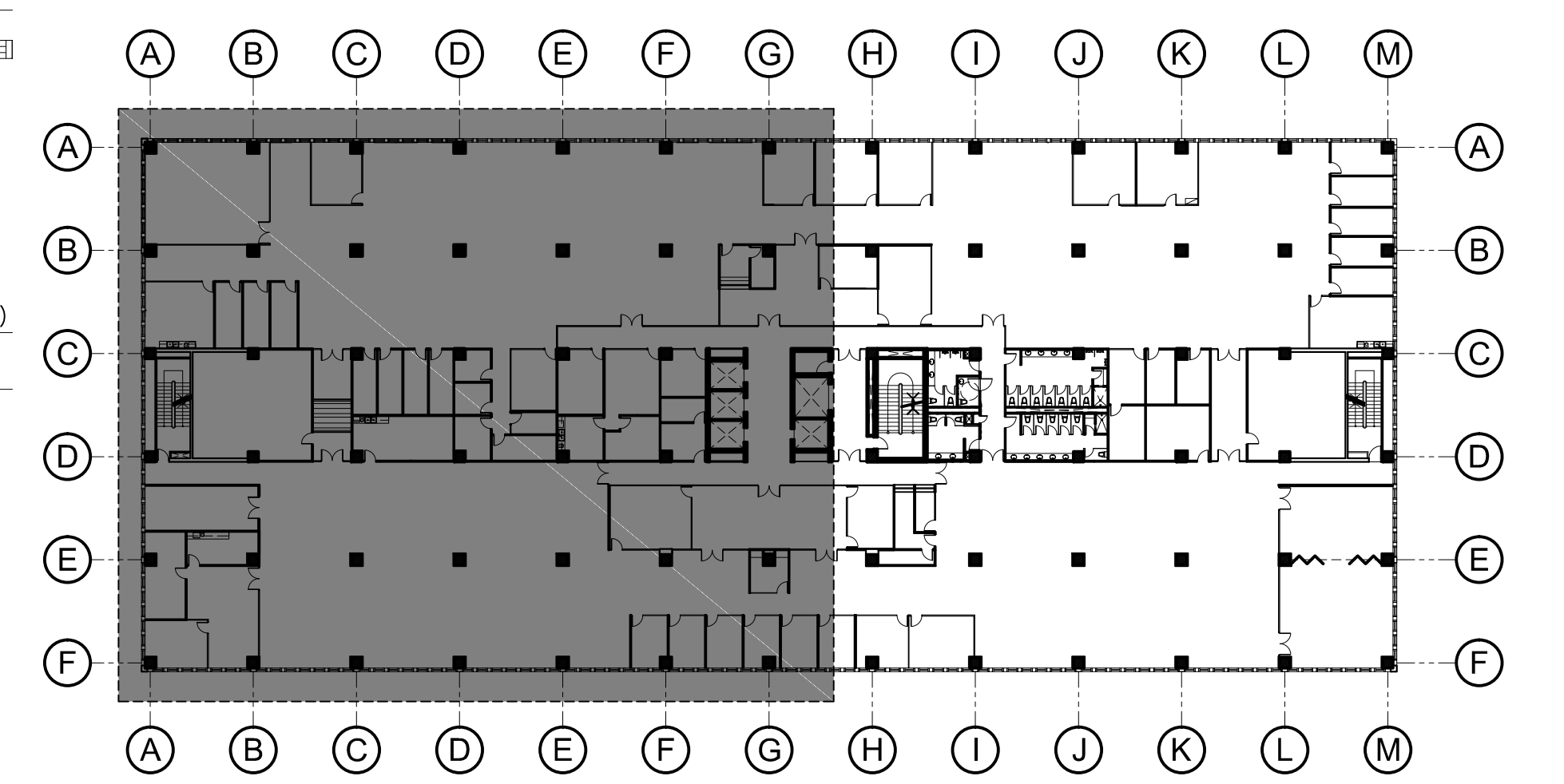
DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
1 AS-FOUND WALL PLAN AND PROPOSED DEMOLITION & DISMANTLING PLAN B
 SCALE: A-2.2 1:100 MTS

DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 0036863 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE	SHEET CONTENT : AS-FOUND WALL PLAN AND PROPOSED DEMOLITION & DISMANTLING PLAN B SCHEDULE OF AS-FOUND PARTITIONS	SHEET NO. A 2.2
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : BFC DESIGNED BY : BFC	CHECKED BY : BFC DATE STARTED: JUNE 2021			



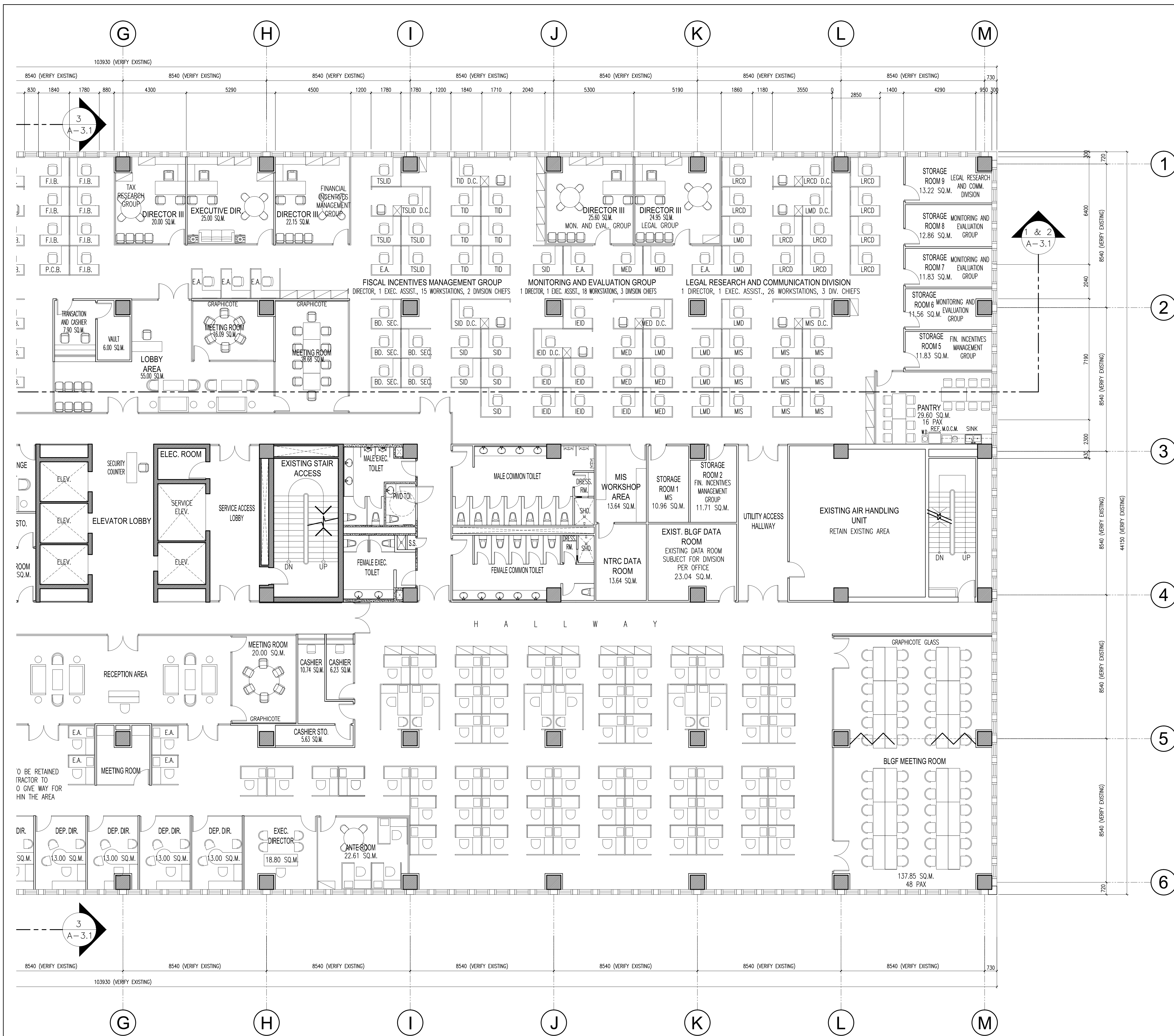
- NOTES:**
- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
 - CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
 - ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
 - ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
 - ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.



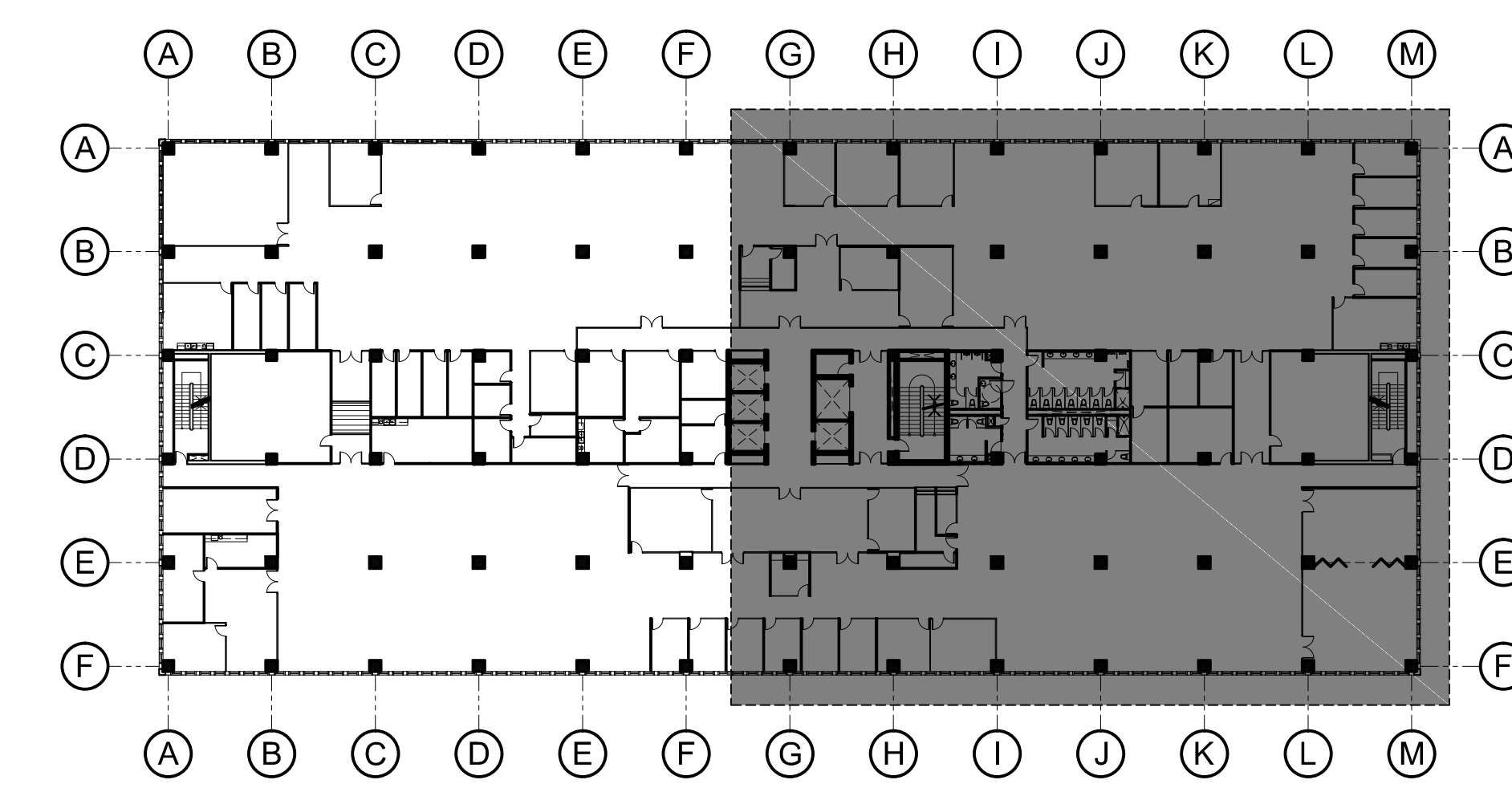
DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
 RENOVATION PROJECT (NTRC AND FIRB OFFICES)
1 FURNITURE LAYOUT A
 A-2.3 SCALE 1:100 MTS

DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 00368663 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE	SHEET CONTENT : FURNITURE LAYOUT A KEY PLAN DRAWN BY : BFC DESIGNED BY : BFC	SHEET NO. A 2.3
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : BFC DATE STARTED: JUNE 2021				



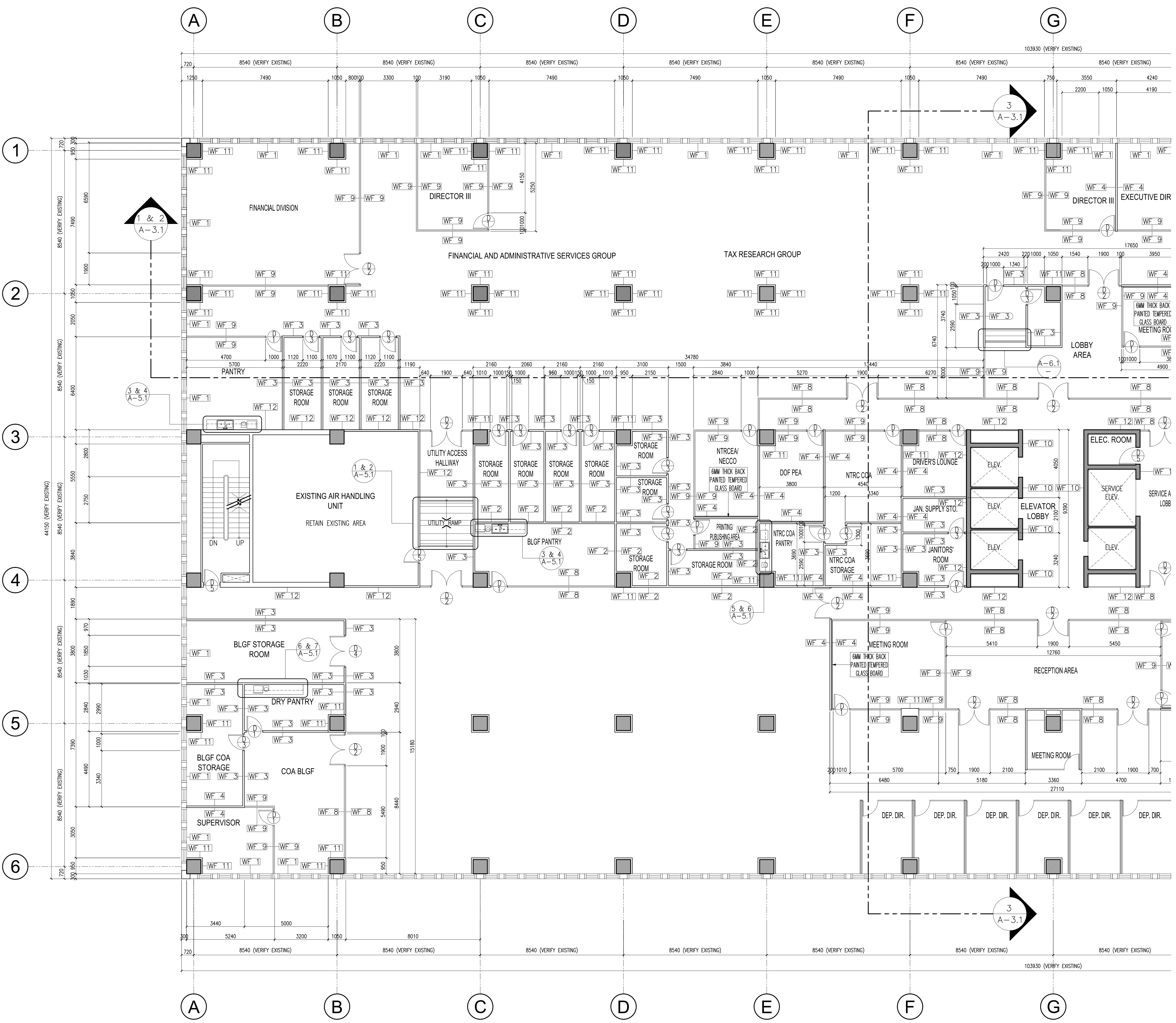
- NOTES:**
- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
 - CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
 - ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
 - ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
 - ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.



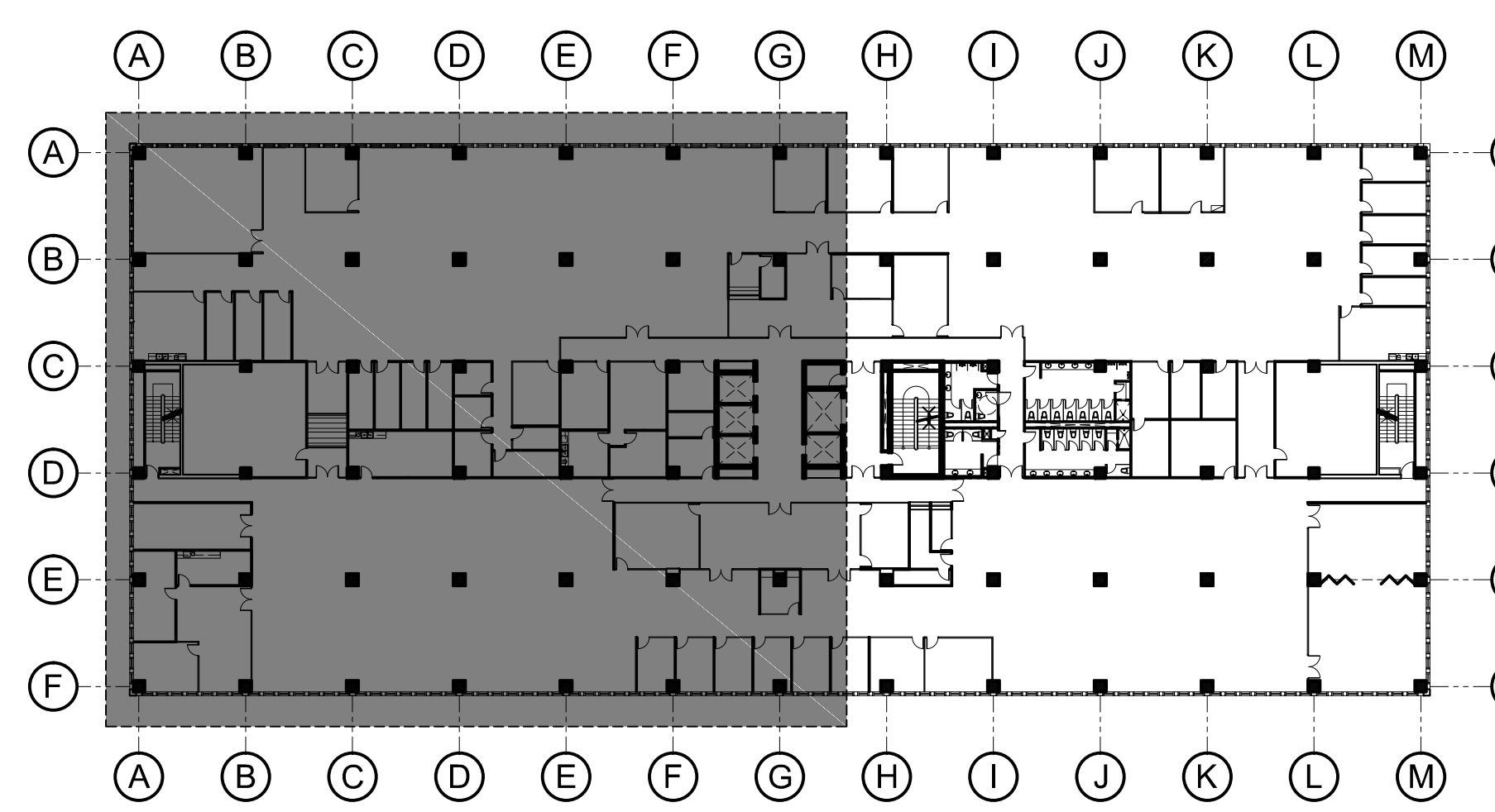
DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
 RENOVATION PROJECT (NTRC AND FIRB OFFICES)
1 FURNITURE LAYOUT B
 SCALE 1:100 MTS

DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 00368663 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM5G DEPARTMENT OF FINANCE	SHEET CONTENT : FURNITURE LAYOUT B KEY PLAN DRAWN BY : BFC DESIGNED BY : BFC	SHEET NO. A 2.4
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : BFC DATE STARTED: JUNE 2021				



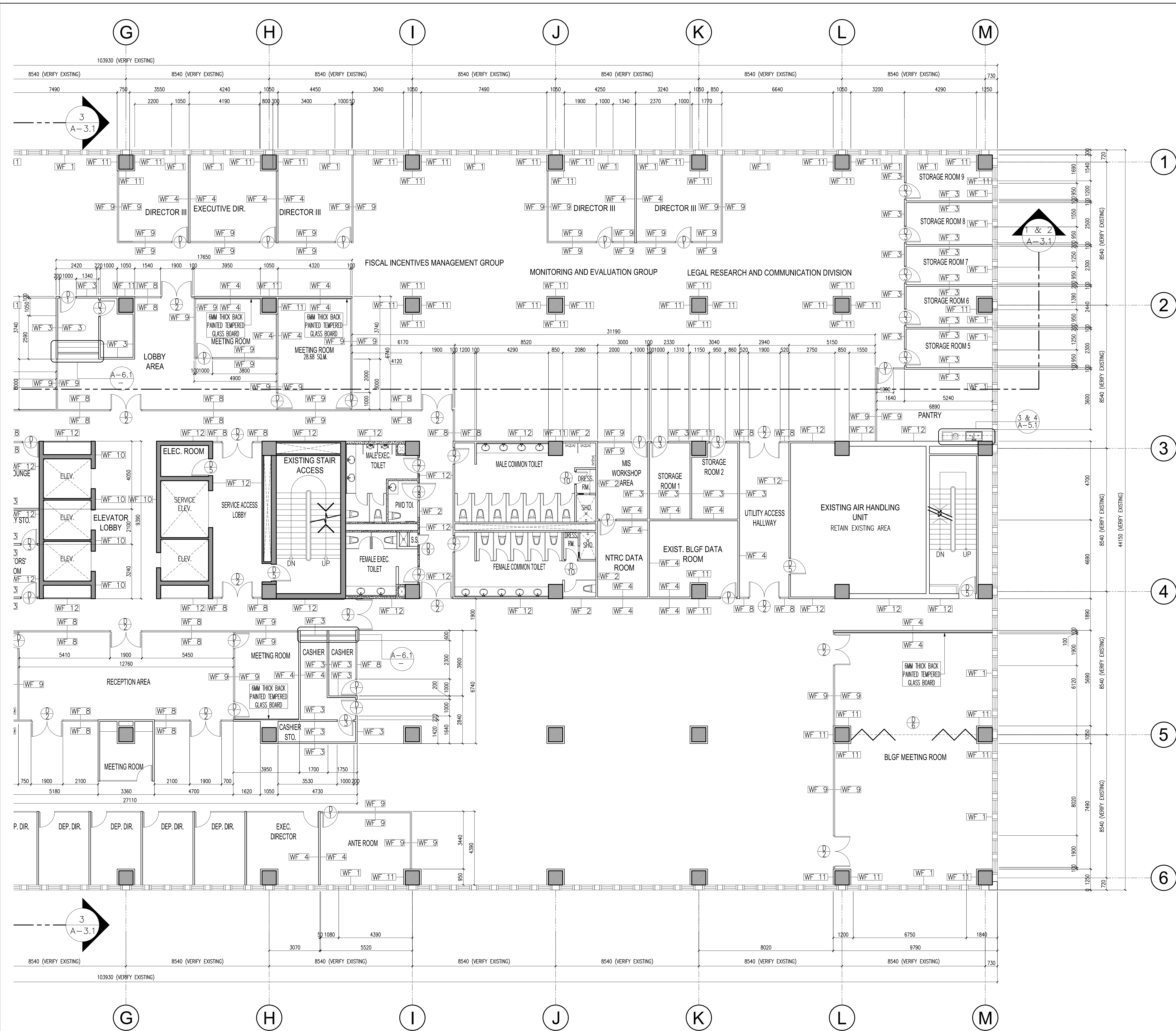
SCHEDULE OF WALL FINISHES	
SYMBOL / TAG	DESCRIPTION
WF 1	EXISTING CONCRETE WALL SURFACE SUBJECT DRYWALL CLADDING USING 12MM THICK FIBER CEMENT BOARD WITH NECESSARY METAL FRAMING, SURFACE SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 2	150MM THICK CONCRETE HOLLOW BLOCKS COMPLETE WITH 10MM Ø DEFORMED STEEL BAR REINFORCEMENTS SPACED EVERY 600MM ON CENTER BOTH WAYS COMPLETE WITH GAUGE 16 G.I. TIE WIRE. WALL SURFACE SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 3	100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 4	100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. PROVIDE 2-50KG/50MM ROCKWOOL INSULATION FOR DRYWALL CAVITY. SUBMIT PAINT SWATCHES, ROCKWOOL INSULATION AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 5	150MM THICK CONCRETE HOLLOW BLOCKS COMPLETE WITH 10MM Ø DEFORMED STEEL BAR REINFORCEMENTS SPACED EVERY 600MM ON CENTER BOTH WAYS COMPLETE WITH GAUGE 16 G.I. TIE WIRE. WALL SURFACE SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 6	EXISTING CONCRETE HOLLOW BLOCKS COMPLETE SUBJECT TO EXISTING WALL FINISHES DISMANTLING AND SUBJECT FOR WALL TILE INSTALLATION USING 10MM THICK X 300MM X 600MM GLAZED PORCELAIN WALL TILE COMPLETE WITH TILE ADHESIVE AND ANTI-BACTERIAL TILE GROUT AS PER MANUFACTURER'S STANDARDS. SUBMIT TILE AND GROUT SWATCHES FOR APPROVAL.
WF 7	100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 8	12MM THICK FRAMELESS TEMPERED GLASS PARTITION COMPLETE WITH FD100 POWDER COATED ALUMINUM FRAMING SYSTEM AND ACCESSORIES AS PER MANUFACTURER'S STANDARDS. PROVIDE 1600MM HEIGHT FROSTED GLASS STICKER FOR EVERY GLASS PANEL, DESIGN AND LAYOUT SUBJECT FOR VERIFICATION WITH DESIGNER. SUBMIT SHOP DRAWING FOR GLASS PANEL INSTALLATION AND FROSTED STICKER SWATCHES FOR APPROVAL. CONSTRUCT 100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD.
WF 9	12MM THICK FRAMELESS TEMPERED GLASS PARTITION COMPLETE WITH FD100 POWDER COATED ALUMINUM FRAMING SYSTEM AND ACCESSORIES AS PER MANUFACTURER'S STANDARDS. PROVIDE 1600MM HEIGHT FROSTED GLASS STICKER FOR EVERY GLASS PANEL, DESIGN AND LAYOUT SUBJECT FOR VERIFICATION WITH DESIGNER. SUBMIT SHOP DRAWING FOR GLASS PANEL INSTALLATION AND FROSTED STICKER SWATCHES FOR APPROVAL. CONSTRUCT 100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 2-50KG/50MM ROCKWOOL INSULATION FOR DRYWALL CAVITY. SUBMIT PAINT SWATCHES, ROCKWOOL INSULATION AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 10	EXISTING MARBLE CLADDED WALL FINISH TO BE RETAINED, REFURBISHED AND CRYSTALLIZED AS PER MANUFACTURER'S STANDARD
WF 11	EXISTING CONCRETE WALL SURFACE SUBJECT DRYWALL CLADDING USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 12	EXISTING CONCRETE WALL SURFACE SUBJECT FOR SURFACE REPAIR AND PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
 RENOVATION PROJECT (NTRC AND FIRB OFFICES)
CONSTRUCTION LAYOUT A
 SCALE 1:100 MTS

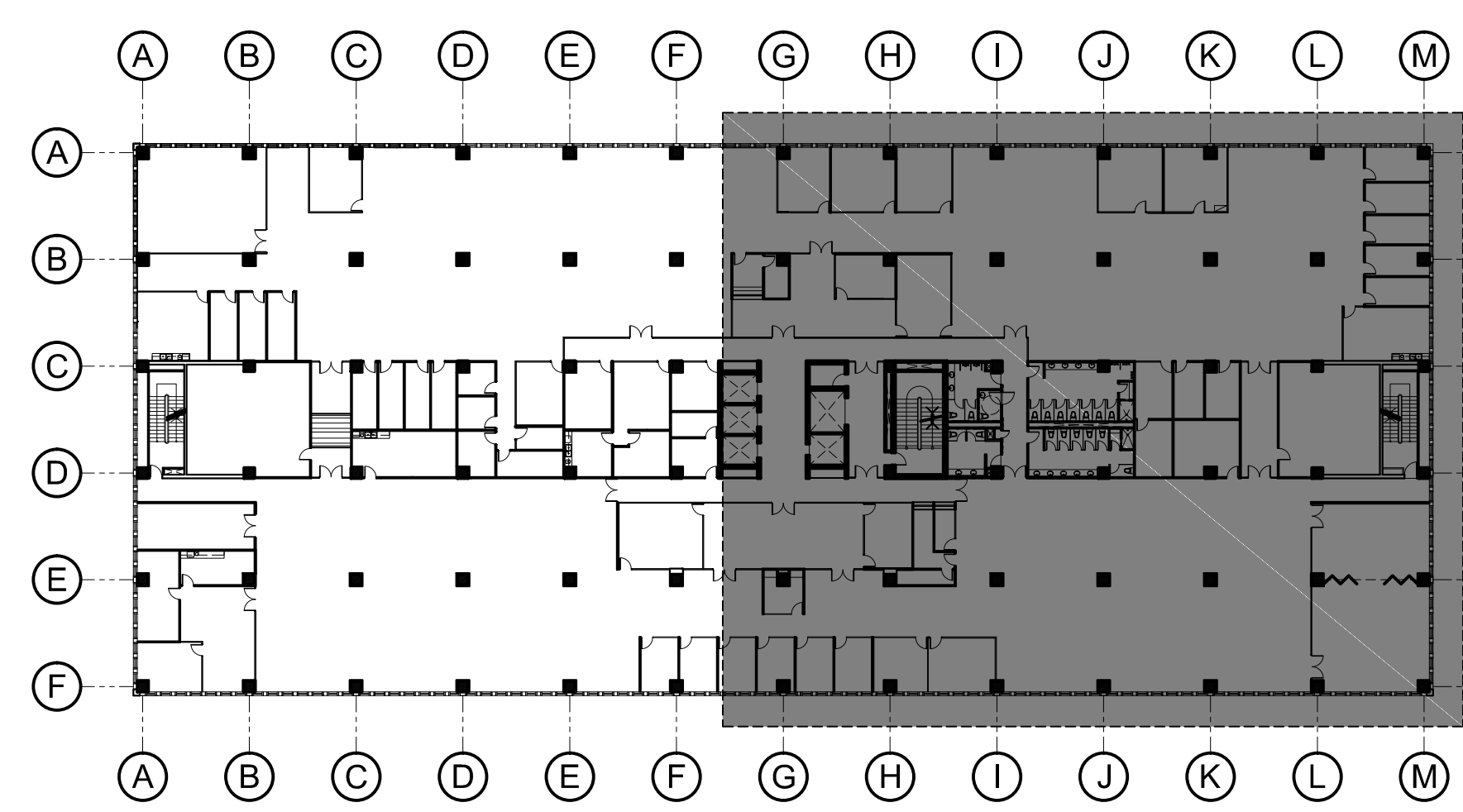
DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 00368663 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSSG DEPARTMENT OF FINANCE	SHEET CONTENT : CONSTRUCTION LAYOUT A SCHEDULE OF WALL FINISHES KEY PLAN DRAWN BY : BFC DESIGNED BY : BFC	SHEET NO. A 2.5
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : BFC DATE STARTED: JUNE 2021				



SCHEDULE OF WALL FINISHES	
SYMBOL / TAG	DESCRIPTION
WF 1	EXISTING CONCRETE WALL SURFACE SUBJECT DRYWALL CLADDING USING 12MM THICK FIBER CEMENT BOARD WITH NECESSARY METAL FRAMING, SURFACE SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 2	150MM THICK CONCRETE HOLLOW BLOCKS COMPLETE WITH 10MM Ø DEFORMED STEEL BAR REINFORCEMENTS SPACED EVERY 600MM ON CENTER BOTH WAYS COMPLETE WITH GAUGE 16 G.I. TIE WIRE. WALL SURFACE SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 3	100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 4	100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. PROVIDE 2-50KG/ 50MM ROCKWOOL INSULATION FOR DRYWALL CAVITY. SUBMIT PAINT SWATCHES, ROCKWOOL INSULATION AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 5	150MM THICK CONCRETE HOLLOW BLOCKS COMPLETE WITH 10MM Ø DEFORMED STEEL BAR REINFORCEMENTS SPACED EVERY 600MM ON CENTER BOTH WAYS COMPLETE WITH GAUGE 16 G.I. TIE WIRE. WALL SURFACE SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 6	EXISTING CONCRETE HOLLOW BLOCKS COMPLETE SUBJECT TO EXISTING WALL FINISHES DISMANTLING AND SUBJECT FOR WALL TILE INSTALLATION USING 10MM THICK X 300MM X 600MM GLAZED PORCELAIN WALL TILE COMPLETE WITH TILE ADHESIVE AND ANTI-BACTERIAL TILE GROUT AS PER MANUFACTURER'S STANDARDS. SUBMIT TILE AND GROUT SWATCHES FOR APPROVAL.
WF 7	100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 8	12MM THICK FRAMELESS TEMPERED GLASS PARTITION COMPLETE WITH FD100 POWDER COATED ALUMINUM FRAMING SYSTEM AND ACCESSORIES AS PER MANUFACTURER'S STANDARDS. PROVIDE 1600MM HEIGHT FROSTED GLASS STICKER FOR EVERY GLASS PANEL, DESIGN AND LAYOUT SUBJECT FOR VERIFICATION WITH DESIGNER. SUBMIT SHOP DRAWING FOR GLASS PANEL INSTALLATION AND FROSTED STICKER SWATCHES FOR APPROVAL. CONSTRUCT 100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD.
WF 9	12MM THICK FRAMELESS TEMPERED GLASS PARTITION COMPLETE WITH FD100 POWDER COATED ALUMINUM FRAMING SYSTEM AND ACCESSORIES AS PER MANUFACTURER'S STANDARDS. PROVIDE 1600MM HEIGHT FROSTED GLASS STICKER FOR EVERY GLASS PANEL, DESIGN AND LAYOUT SUBJECT FOR VERIFICATION WITH DESIGNER. SUBMIT SHOP DRAWING FOR GLASS PANEL INSTALLATION AND FROSTED STICKER SWATCHES FOR APPROVAL. CONSTRUCT 100MM THICK DRYWALL PARTITION USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 2-50KG/ 50MM ROCKWOOL INSULATION FOR DRYWALL CAVITY. SUBMIT PAINT SWATCHES, ROCKWOOL INSULATION AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 10	EXISTING MARBLE CLADDED WALL FINISH TO BE RETAINED, REFURBISHED AND CRYSTALLIZED AS PER MANUFACTURER'S STANDARD.
WF 11	EXISTING CONCRETE WALL SURFACE SUBJECT DRYWALL CLADDING USING GAUGE 20 X 76MM METAL STUD AND WEB FRAMING SPACED EVERY 400MM ON CENTER, BOTH WAYS AND 12MM THICK FIBER CEMENT BOARD ON BOTH FACES. EXPOSED WALL SURFACES SUBJECT FOR PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.
WF 12	EXISTING CONCRETE WALL SURFACE SUBJECT FOR SURFACE REPAIR AND PAINTING USING SEMI-GLOSS LATEX PAINT FINISH COMPLETE WITH NECESSARY PREPARATION WORKS AS PER MANUFACTURER'S STANDARD. PROVIDE 20MM THICK X 100MM WOOD-PLASTIC COMPOSITE BASEBOARD COMPLETE WITH ADHESIVE AND NECESSARY ACCESSORIES. SUBMIT PAINT SWATCHES AND WPC BASEBOARD SWATCHES FOR APPROVAL.

DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
 RENOVATION PROJECT (NTRC AND FIRB OFFICES)
CONSTRUCTION LAYOUT B
 SCALE: 1:100 MTS



DATE OF ISSUANCE: SEPTEMBER 30, 2021

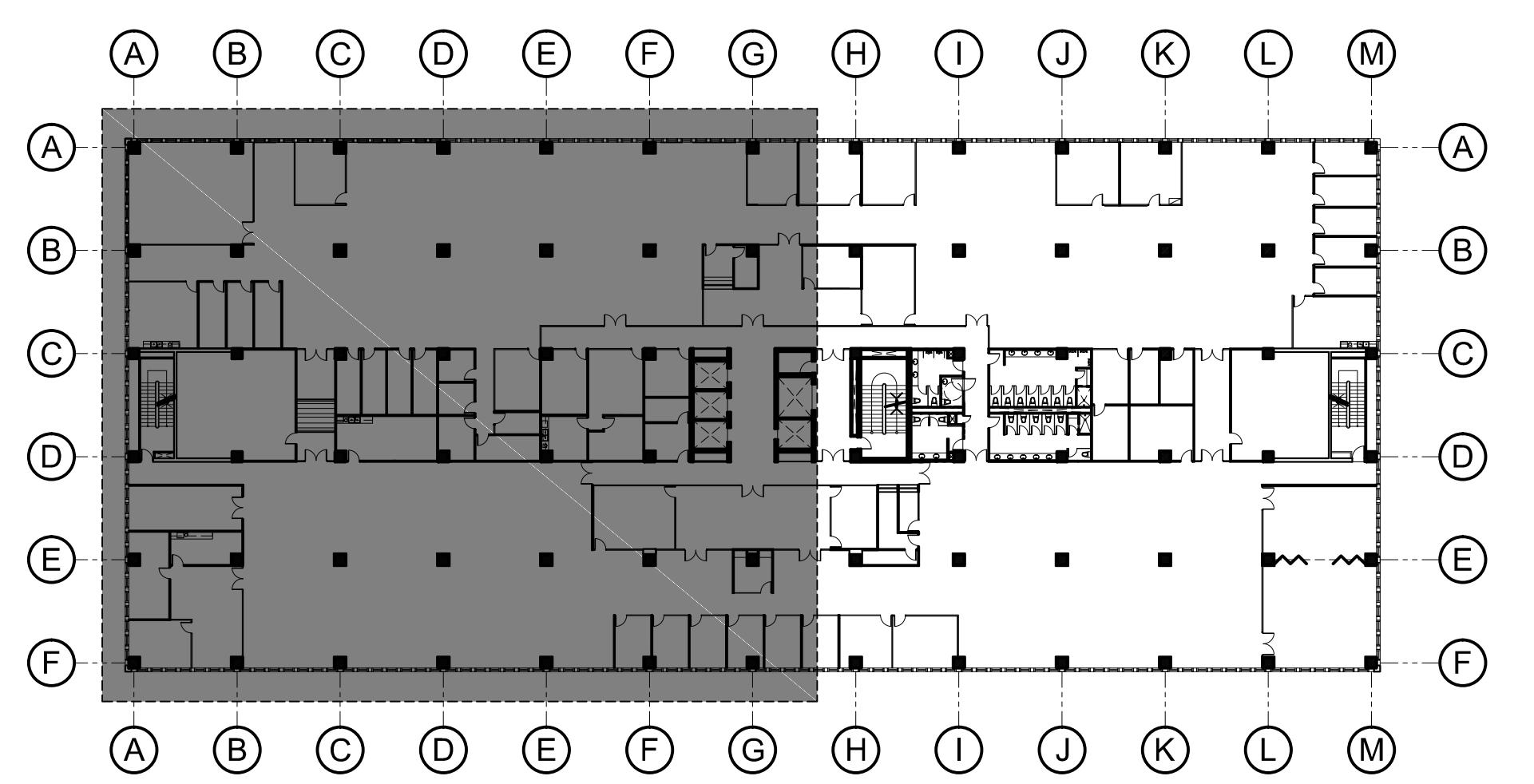
BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 00368663 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM5G DEPARTMENT OF FINANCE	SHEET CONTENT : CONSTRUCTION LAYOUT B SCHEDULE OF WALL FINISHES KEY PLAN DRAWN BY : BFC DESIGNED BY : BFC	SHEET NO. A 2.6
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : BFC DATE STARTED: JUNE 2021				



SCHEDULE OF FLOOR FINISHES	
SYMBOL / TAG	DESCRIPTION
FF 1	EXISTING PORCELAIN TILE FINISH TO BE RETAINED AND REGROUTED. SUBMIT GROUT SWATCHES FOR APPROVAL.
FF 2	7MM THICK X 500MM X 500MM INTEGRATED TUFTED PATTERN LOOP SOLUTION DYED 100% SYNTHETIC FIBER WITH 4.0MM PILE HEIGHT. PRIMARY CARPET TILE BACKING SHALL BE POLYESTER SPUN BONDED AND SECONDARY BACKING SHALL BE CONDENSED VINYL WITH FIBERGLASS REINFORCEMENT. SUBMIT CARPET TILE SWATCHES FOR APPROVAL AND INSTALL USING CARPET AND VINYL ADHESIVE. CONCRETE FLOORING SURFACE SUBJECT FOR SELF-LEVELLING CEMENT PRIOR TO CARPET TILE INSTALLATION.
FF 3	3MM THICK X 300MM X 300MM HOMOGENOUS AND RESILIENT VINYL TILES. SUBMIT VINYL TILE SAMPLES FOR APPROVAL AND INSTALL USING CARPET AND VINYL ADHESIVE. CONCRETE FLOORING SURFACE SUBJECT FOR SELF-LEVELLING CEMENT PRIOR TO VINYL TILE INSTALLATION.
FF 4	12MM THICK X 600MM X 600MM NON-SKID FINISH GRANITE FLOOR TILES COMPLETE WITH ANTI-BACTERIAL GROUT. CONTRACTOR TO SUBMIT TILE SWATCHES FOR APPROVAL AND INSTALL USING TILE ADHESIVE AS PER MANUFACTURER'S STANDARDS.
■	STARTER TILE LOCATION

NOTES:

- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
- CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
- ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
- ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.



UPDATED SCHEME 7A (NTRC AND FIRB OFFICES)
 DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 FLOOR FINISH LAYOUT A
 A-2.7 SCALE
 NTS

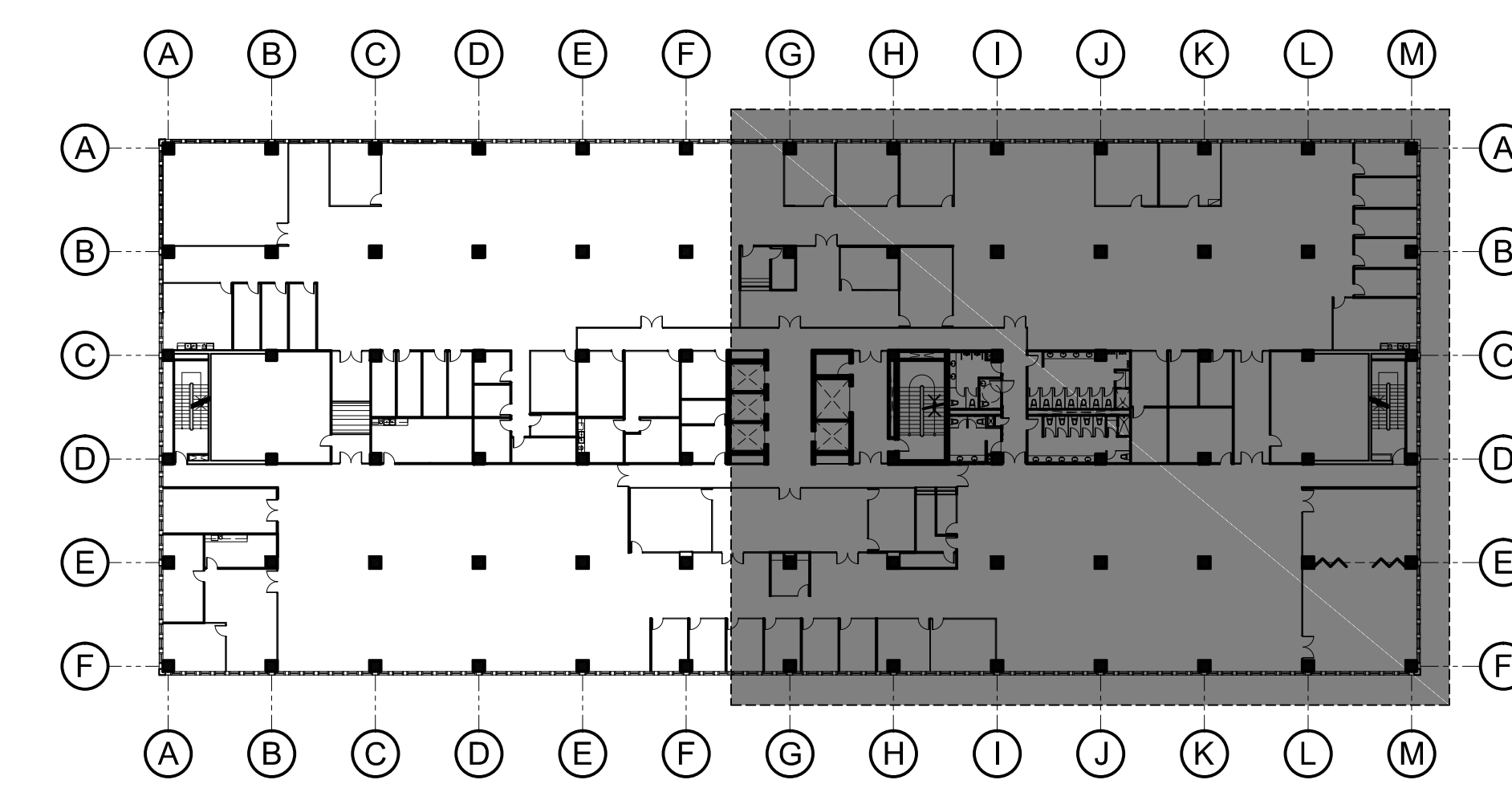
DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 00368663 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM5G DEPARTMENT OF FINANCE	SHEET CONTENT : FLOOR FINISH LAYOUT A SCHEDULE OF FLOOR FINISH KEY PLAN DRAWN BY : BFC DESIGNED BY : BFC	SHEET NO. A 2.7
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : BFC DATE STARTED : JUNE 2021				



SCHEDULE OF FLOOR FINISHES	
SYMBOL / TAG	DESCRIPTION
FF 1	EXISTING PORCELAIN TILE FINISH TO BE RETAINED AND REGROUTED. SUBMIT GROUT SWATCHES FOR APPROVAL.
FF 2	7MM THICK X 500MM X 500MM INTEGRATED TUFTED PATTERN LOOP SOLUTION DYED 100% SYNTHETIC FIBER WITH 4.0MM PILE HEIGHT. PRIMARY CARPET TILE BACKING SHALL BE POLYESTER SPUN BONDED AND SECONDARY BACKING SHALL BE CONDENSED VINYL WITH FIBERGLASS REINFORCEMENT. SUBMIT CARPET TILE SWATCHES FOR APPROVAL AND INSTALL USING CARPET AND VINYL ADHESIVE. CONCRETE FLOORING SURFACE SUBJECT FOR SELF-LEVELLING CEMENT PRIOR TO CARPET TILE INSTALLATION.
FF 3	3MM THICK X 300MM X 300MM HOMOGENOUS AND RESILIENT VINYL TILES. SUBMIT VINYL TILE SAMPLES FOR APPROVAL AND INSTALL USING CARPET AND VINYL ADHESIVE. CONCRETE FLOORING SURFACE SUBJECT FOR SELF-LEVELLING CEMENT PRIOR TO VINYL TILE INSTALLATION.
FF 4	12MM THICK X 600MM X 600MM NON-SKID FINISH GRANITE FLOOR TILES COMPLETE WITH ANTI-BACTERIAL GROUT. CONTRACTOR TO SUBMIT TILE SWATCHES FOR APPROVAL AND INSTALL USING TILE ADHESIVE AS PER MANUFACTURER'S STANDARDS.
■	STARTER TILE LOCATION

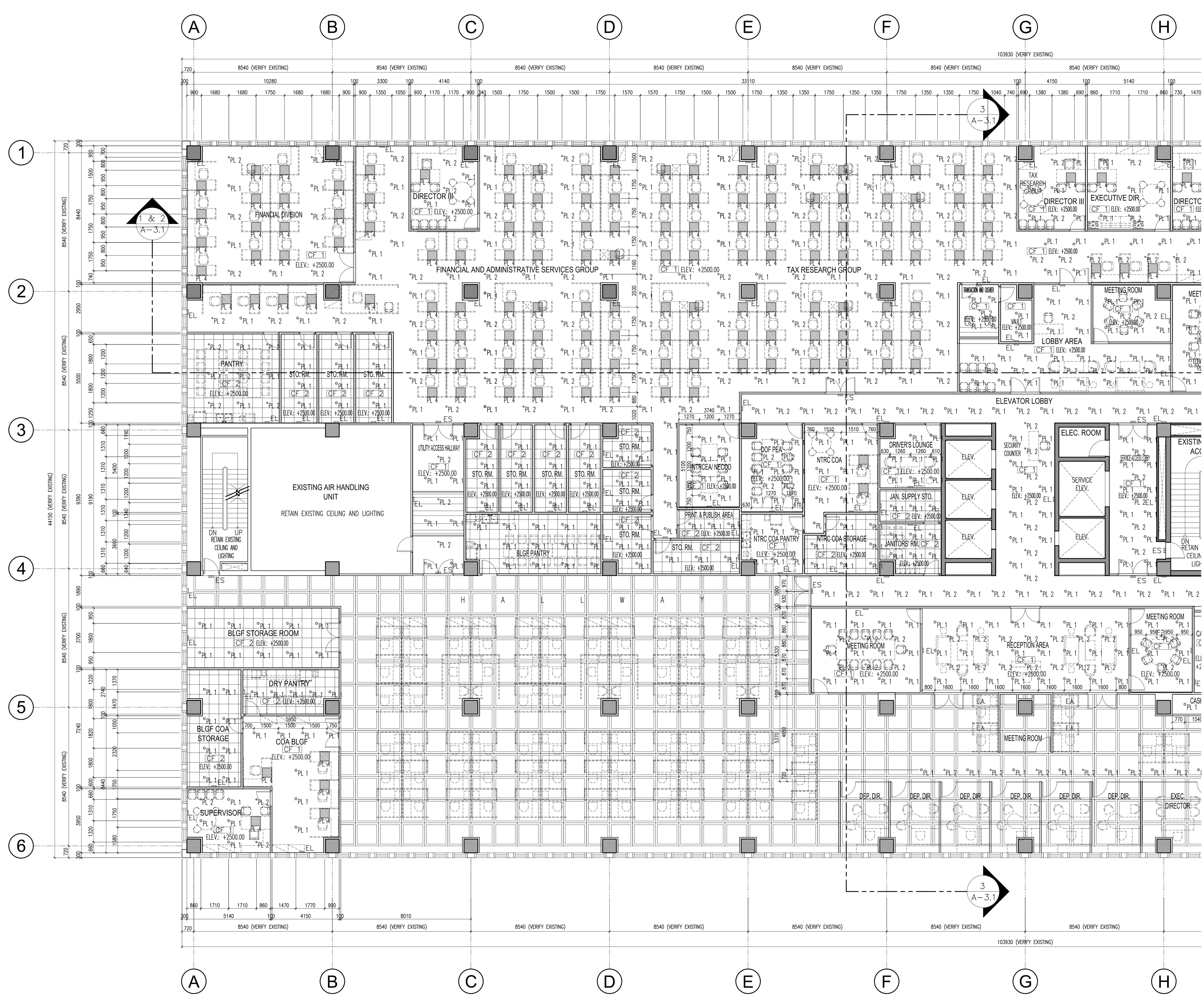
- NOTES:
- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
 - CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
 - ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
 - ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
 - ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.



UPDATED SCHEME 7A (NTRC AND FIRB OFFICES)
 DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
FLOOR FINISH LAYOUT B
 SCALE: 1/8" = 1'-0"
 NTS

DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABAY, uap ARCHITECT PRC No. 0036863 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM5G DEPARTMENT OF FINANCE	SHEET CONTENT : FLOOR FINISH LAYOUT A SCHEDULE OF FLOOR FINISH KEY PLAN DRAWN BY : BFC DESIGNED BY : BFC	SHEET NO. A 2.8
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : BFC DATE STARTED: JUNE 2021				



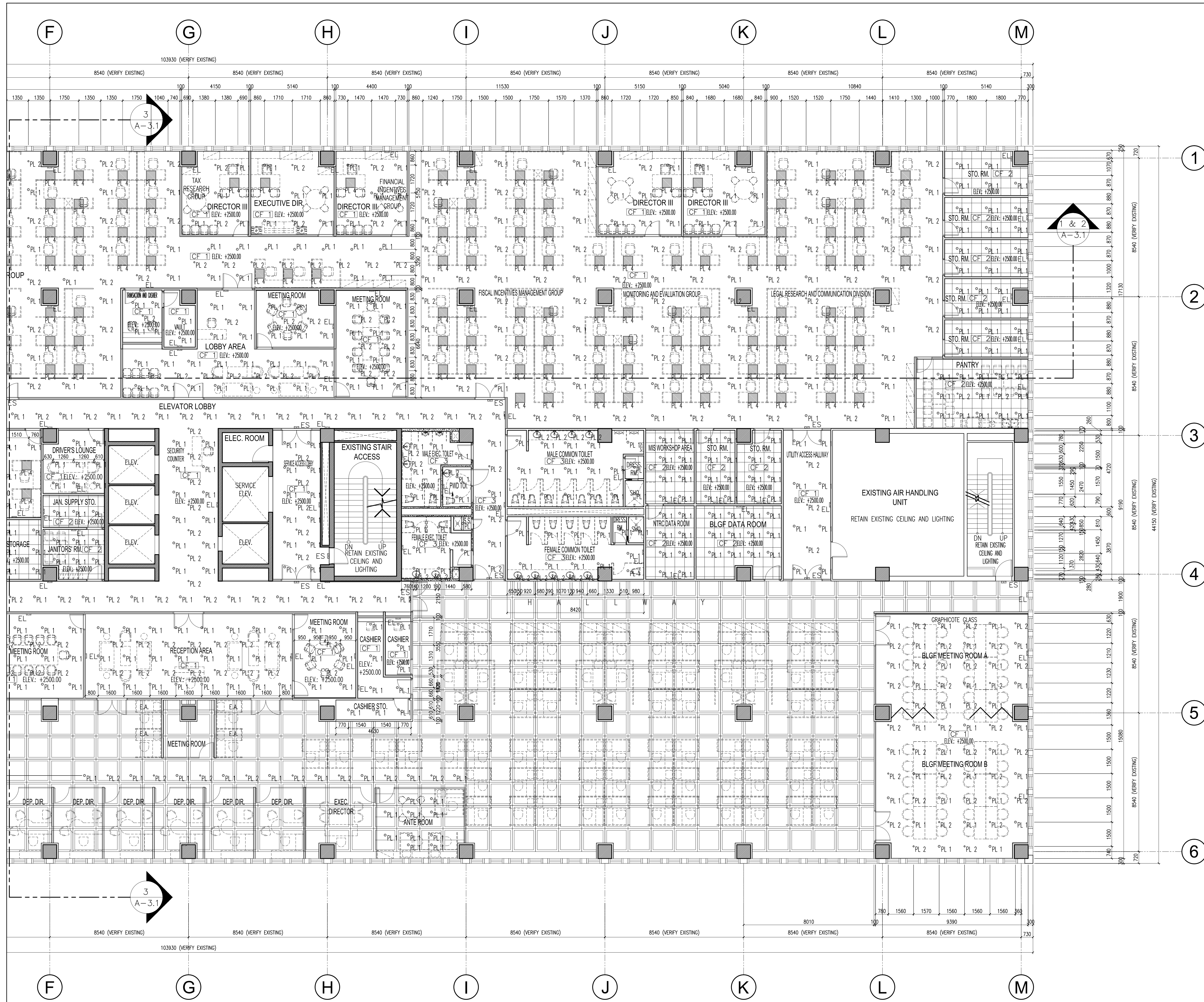
SYMBOL / TAG		SCHEDULE OF CEILING FINISHES
		DESCRIPTION
CF 1		9MM THICK GYPSUM BOARD WITH 0.6MM THICK X 50MM METAL FURRING CHANNEL SPACED EVERY 600MM ON CENTER, BOTH WAYS, COMPLETE WITH NECESSARY HANGERS AND ACCESSORIES AS PER CONSTRUCTION STANDARDS. PROVIDE 25MM X 25MM SHADOW LINE MOULDING AT PERIMETER. CEILING SHALL BE PAINTED WITH FLAT LATEX FINISH AS PER MANUFACTURER'S STANDARDS COMPLETE WITH NECESSARY PREPARATION WORKS.
CF 2		15MM THICK X 600MM X 600MM ACOUSTIC BOARD PANEL WITH POWDER COATED ALUMINUM T-RUNNER GRID SYSTEM COMPLETE WITH NECESSARY HANGERS, FASTENERS AND ACCESSORIES AS PER MANUFACTURER'S STANDARDS. SUBMIT SAMPLE OF ACOUSTIC BOARD AND T-RUNNERS FOR APPROVAL. CONTRACTOR TO PROVIDE 25MM X 25MM SHADOW LINE MOULDING AT PERIMETER.
CF 3		6MM THICK FIBER CEMENT BOARD WITH 0.6MM THICK X 50MM METAL FURRING CHANNEL SPACED EVERY 600MM ON CENTER, BOTH WAYS, COMPLETE WITH NECESSARY HANGERS AND ACCESSORIES AS PER CONSTRUCTION STANDARDS. PROVIDE 25MM X 25MM SHADOW LINE MOULDING AT PERIMETER. CEILING SHALL BE PAINTED WITH FLAT LATEX FINISH AS PER MANUFACTURER'S STANDARDS COMPLETE WITH NECESSARY PREPARATION WORKS.
SYMBOL / TAG		SCHEDULE OF LIGHTING FIXTURES
		DESCRIPTION
PL 1		LED RECESSED PANEL LIGHT ROUND 12 WATTS SLIM TYPE - DAYLIGHT WATTAGE: 12 WATTS LUMINOUS FLUX: 1200 LM DIMENSION: 168MM Ø OR 6.6" CUT HOLE: 152MM Ø OR 6" COLOR TEMPERATURE: 6000-6500K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + POLYCARBONATE COVER PC COVER: FROSTED LIGHT SOURCE: HIGH BRIGHTNESS LED SMD BEAM ANGLE: 180° LIFETIME: >50,000 HOURS INPUT VOLTAGE: AC 85V-265V 50/60 Hz IP RATING: IP40
PL 2		LED RECESSED PANEL LIGHT ROUND 6 WATTS SLIM TYPE - WARM WHITE WATTAGE: 6 WATTS LUMINOUS FLUX: 600 LM DIMENSION: 118MM Ø OR 4.6" CUT HOLE: 105MM Ø OR 4" COLOR TEMPERATURE: 2000-3000K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + POLYCARBONATE COVER PC COVER: FROSTED LIGHT SOURCE: HIGH BRIGHTNESS LED SMD BEAM ANGLE: 180° LIFETIME: >50,000 HOURS INPUT VOLTAGE: AC 85V-265V 50/60 Hz IP RATING: IP40
PL 3		LED SURFACE MOUNTED DOWNLIGHT ROUND 12 WATTS DAYLIGHT WATTAGE: 12 WATTS LUMINOUS FLUX: 1200 LM DIMENSION: 115MM Ø X 65MM COLOR TEMPERATURE: 6000-6500K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + CLEAR GLASS COVER BEAM ANGLE: 120° LIFETIME: >50,000 HOURS INPUT VOLTAGE: AC 85V-265V 50/60 Hz IP RATING: IP40
PL 4		LED PANEL LIGHT 48W DAYLIGHT 600MM X 600MM WATTAGE: 48 WATTS LUMINOUS FLUX: 4,800 LM DIMENSION: 600MM X 600MM COLOR TEMPERATURE: 6000-6500K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + POLYCARBONATE COVER PC COVER: FROSTED LIGHT SOURCE: HIGH BRIGHTNESS LED SMD BEAM ANGLE: 180° LIFETIME: >50,000 HOURS INPUT VOLTAGE: AC 85V-265V 50/60 Hz IP RATING: IP40
EL		LED EMERGENCY LIGHT TWIN HEAD WATTAGE: 2 X 3 WATTS BURNING TIME: UP TO >90 MINUTES MATERIAL: INJECTION MOLDED THERMOPLASTIC ABS HOUSING BATTERY TYPE: NI-CD BATTERY LIGHT SOURCE: HIGH BRIGHTNESS LED SMD INPUT VOLTAGE: AC 85V-265V 50/60 Hz IP RATING: IP40
ES		LED EXIT SIGN WATTAGE: 4 WATTS BURNING TIME: UP TO >90 MINUTES LABEL: DOUBLE SIDE MATERIAL: ALUM. HOUSING + ACRYLIC BATTERY TYPE: NI-CD BATTERY LIGHT SOURCE: HIGH BRIGHTNESS LED SMD INPUT VOLTAGE: AC 85V-265V 50/60 Hz IP RATING: IP40

- NOTES:
- ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - THE CONTRACTOR SHALL REPLACE ALL WORN OUT OR DILAPIDATED CEILING PANELS AT BLGF AREA WITH THE EXISTING PANELS SUBJECT FOR REPLACEMENT AT NTRC AND FIRB AREA. CONTRACTOR SHALL CHOOSE THOSE PANELS THAT ARE OF GOOD CONDITION FOR REPLACEMENT. SPARE UNUTILIZED PANELS SUBJECT FOR TURNOVER TO CLIENT.
 - CONTRACTOR SHALL TO CONDUCT LIGHTING FIXTURE SPACING MOCK-UP RELATIVE TO THE FURNITURE LAYOUT AS PER PLAN PRIOR TO INSTALLATION AND SUBJECT FOR THE DESIGNER'S APPROVAL PRIOR TO IMPLEMENTATION.
 - ALL LIGHTING FIXTURES ARE SUBJECT FOR SAMPLE PRESENTATION AND APPROVAL INCLUDING PRODUCT SPECIFICATION AND WARRANTY CERTIFICATE.

DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING (NTRC AND FIRB PROPOSED LAYOUTS)
1 REFLECTED CEILING PLAN A
 SCALE: 1:100 MTS

DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABAY, uap ARCHITECT PRC No. 00368663 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMGS DEPARTMENT OF FINANCE	SHEET CONTENT : REFLECTED CEILING PLAN A SCHEDULE OF CEILING FINISHES SCHEDULE OF LIGHTING FIXTURES	SHEET NO. A 2.9
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : BFC DESIGNED BY : BFC	CHECKED BY : BFC DATE STARTED: JUNE 2021			



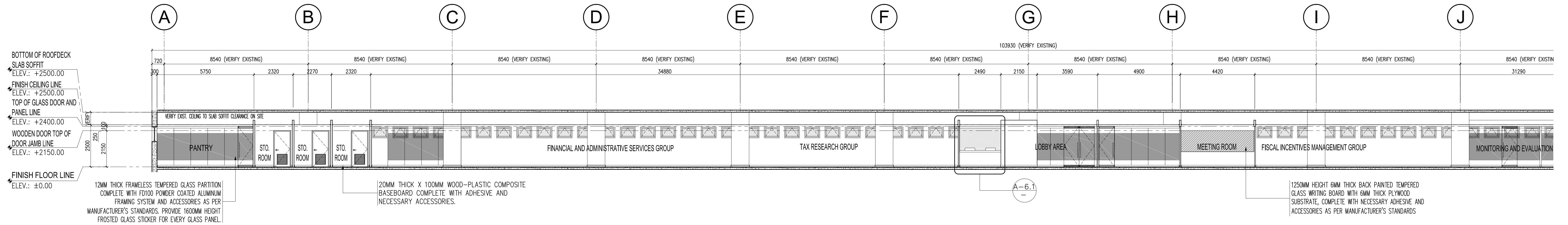
SYMBOL / TAG		DESCRIPTION
CF 1		9MM THICK GYPSUM BOARD WITH 0.6MM THICK X 50MM METAL FURRING CHANNEL SPACED EVERY 600MM ON CENTER, BOTH WAYS, COMPLETE WITH NECESSARY HANGERS AND ACCESSORIES AS PER CONSTRUCTION STANDARDS. PROVIDE 25MM X 25MM SHADOW LINE MOULDING AT PERIMETER. CEILING SHALL BE PAINTED WITH FLAT LATEX FINISH AS PER MANUFACTURER'S STANDARDS COMPLETE WITH NECESSARY PREPARATION WORKS.
CF 2		15MM THICK X 600MM X 600MM ACOUSTIC BOARD PANEL WITH NECESSARY HANGERS, FASTENERS AND ACCESSORIES AS PER MANUFACTURER'S STANDARDS. SUBMIT SAMPLE OF ACOUSTIC BOARD AND T-RUNNERS FOR APPROVAL. CONTRACTOR TO PROVIDE 25MM X 25MM SHADOW LINE MOULDING AT PERIMETER.
CF 3		6MM THICK FIBER CEMENT BOARD WITH 0.6MM THICK X 50MM METAL FURRING CHANNEL SPACED EVERY 600MM ON CENTER, BOTH WAYS, COMPLETE WITH NECESSARY HANGERS AND ACCESSORIES AS PER CONSTRUCTION STANDARDS. PROVIDE 25MM X 25MM SHADOW LINE MOULDING AT PERIMETER. CEILING SHALL BE PAINTED WITH FLAT LATEX FINISH AS PER MANUFACTURER'S STANDARDS COMPLETE WITH NECESSARY PREPARATION WORKS.
SYMBOL / TAG		DESCRIPTION
PL 1	LED RECESSED PANEL LIGHT ROUND 12 WATTS SLIM TYPE - DAYLIGHT	WATTAGE: 12 WATTS LUMINOUS FLUX: 1200 LM DIMENSION: 168MM Ø OR 6.6" CUT HOLE: 152MM Ø OR 6" COLOR TEMPERATURE: 6000-6500K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + POLYCARBONATE COVER
	PC COVER: FROSTED	
	LIGHT SOURCE: HIGH BRIGHTNESS LED SMD	
	BEAM ANGLE: 180°	
PL 2	LED RECESSED PANEL LIGHT ROUND 6 WATTS SLIM TYPE - WARM WHITE	WATTAGE: 6 WATTS LUMINOUS FLUX: 600 LM DIMENSION: 118MM Ø OR 4.6" CUT HOLE: 105MM Ø OR 4" COLOR TEMPERATURE: 2000-3000K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + POLYCARBONATE COVER
	PC COVER: FROSTED	
	LIGHT SOURCE: HIGH BRIGHTNESS LED SMD	
	BEAM ANGLE: 180°	
PL 3	LED SURFACE MOUNTED DOWNLIGHT ROUND 12 WATTS DAYLIGHT	WATTAGE: 12 WATTS LUMINOUS FLUX: 1200 LM DIMENSION: 115MM Ø X 65MM CUT HOLE: 105MM Ø OR 4" COLOR TEMPERATURE: 6000-6500K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + CLEAR GLASS COVER
	PC COVER: FROSTED	
	LIGHT SOURCE: HIGH BRIGHTNESS LED SMD	
	BEAM ANGLE: 180°	
PL 4	LED PANEL LIGHT 48W DAYLIGHT 600MM X 600MM	WATTAGE: 48 WATTS LUMINOUS FLUX: 4,800 LM DIMENSION: 600MM X 600MM COLOR TEMPERATURE: 6000-6500K / DAYLIGHT MATERIAL: ALUMINUM POWDER COATED HOUSING + POLYCARBONATE COVER
	PC COVER: FROSTED	
	LIGHT SOURCE: HIGH BRIGHTNESS LED SMD	
	BEAM ANGLE: 180°	
EL	LED EMERGENCY LIGHT TWIN HEAD	WATTAGE: 2 X 3 WATTS BURNING TIME: UP TO >90 MINUTES MATERIAL: INJECTION MOLDED THERMOPLASTIC ABS HOUSING
	BATTERY TYPE: NI-CD BATTERY	
	LIGHT SOURCE: HIGH BRIGHTNESS LED SMD	
	INPUT VOLTAGE: AC 85V-265V 50/60 Hz	
ES	LED EXIT SIGN	WATTAGE: 4 WATTS BURNING TIME: UP TO >90 MINUTES LABEL: DOUBLE SIDE MATERIAL: ALUM. HOUSING + ACRYLIC
	BATTERY TYPE: NI-CD BATTERY	
	LIGHT SOURCE: HIGH BRIGHTNESS LED SMD	
	INPUT VOLTAGE: AC 85V-265V 50/60 Hz	

- NOTES:
- ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - THE CONTRACTOR SHALL REPLACE ALL WORN OUT OR DILAPIDATED CEILING PANELS AT BLGF AREA WITH THE EXISTING PANELS SUBJECT FOR REPLACEMENT AT NTRC AND FIRB AREA. CONTRACTOR SHALL CHOOSE THOSE PANELS THAT ARE OF GOOD CONDITION FOR REPLACEMENT. SPARE UNUTILIZED PANELS SUBJECT FOR TURNOVER TO CLIENT.
 - CONTRACTOR SHALL TO CONDUCT LIGHTING FIXTURE SPACING MOCK-UP RELATIVE TO THE FURNITURE LAYOUT AS PER PLAN PRIOR TO INSTALLATION AND SUBJECT FOR THE DESIGNER'S APPROVAL PRIOR TO IMPLEMENTATION.
 - ALL LIGHTING FIXTURES ARE SUBJECT FOR SAMPLE PRESENTATION AND APPROVAL INCLUDING PRODUCT SPECIFICATION AND WARRANTY CERTIFICATE.

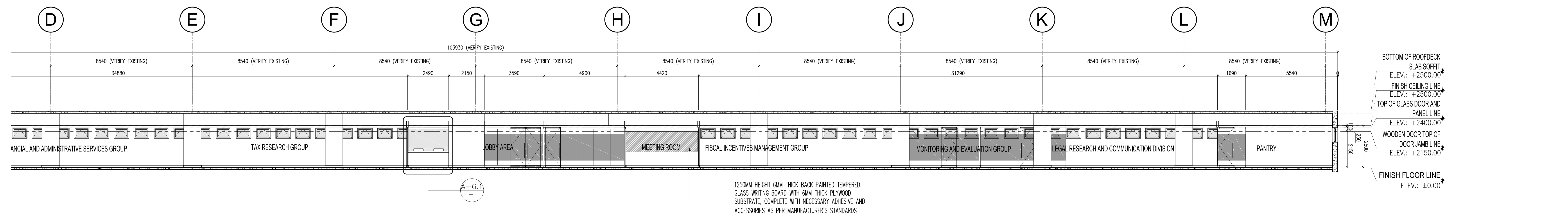
DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING (NTRC AND FIRB PROPOSED LAYOUTS)
REFLECTED CEILING PLAN B
 SCALE: 1:100 MTS

DATE OF ISSUANCE: SEPTEMBER 30, 2021

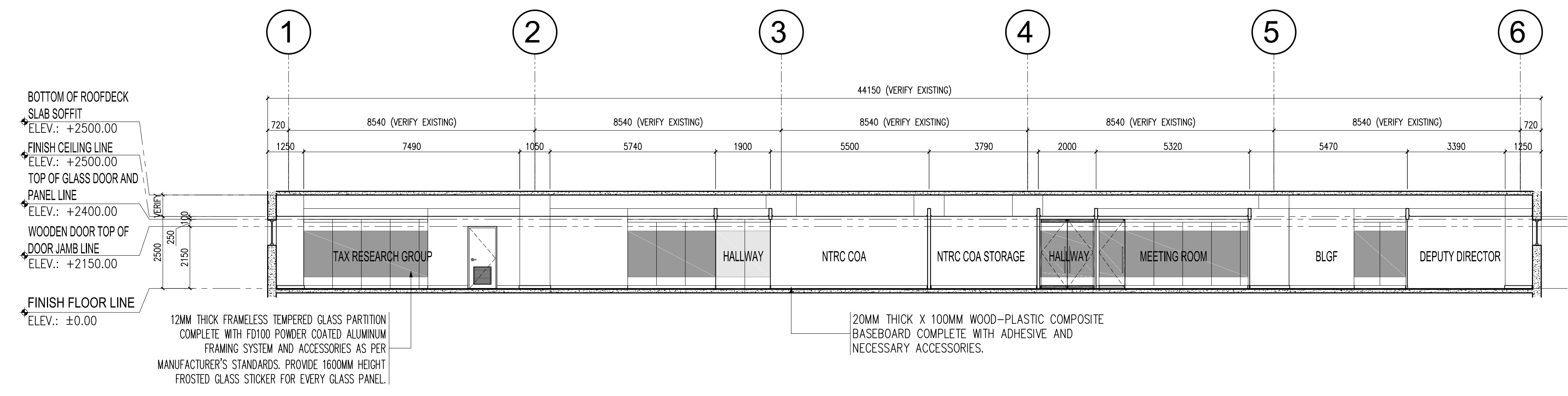
BENJAMIN F. CAYABAY, uap ARCHITECT PRC No. 0036863 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMGS DEPARTMENT OF FINANCE	SHEET CONTENT : REFLECTED CEILING PLAN B SCHEDULE OF CEILING FINISHES SCHEDULE OF LIGHTING FIXTURES	SHEET NO. A 2.10
		LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DESIGNED BY : BFC CHECKED BY : BFC DATE STARTED: JUNE 2021				



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
1 LONGITUDINAL SECTION A
 SCALE 1:100 MTS



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
2 LONGITUDINAL SECTION B
 SCALE 1:100 MTS

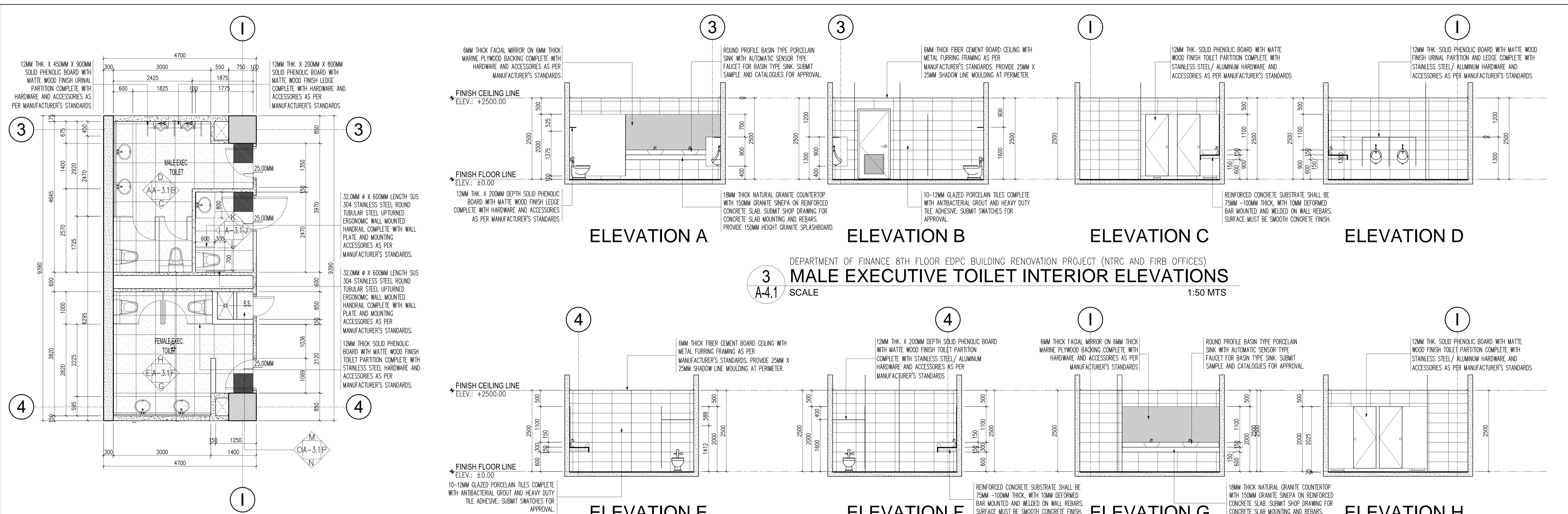


DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
3 CROSS SECTION
 SCALE 1:100 MTS

- NOTES:
1. THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
 2. CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
 3. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
 4. ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 5. THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
 6. ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
 7. ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.

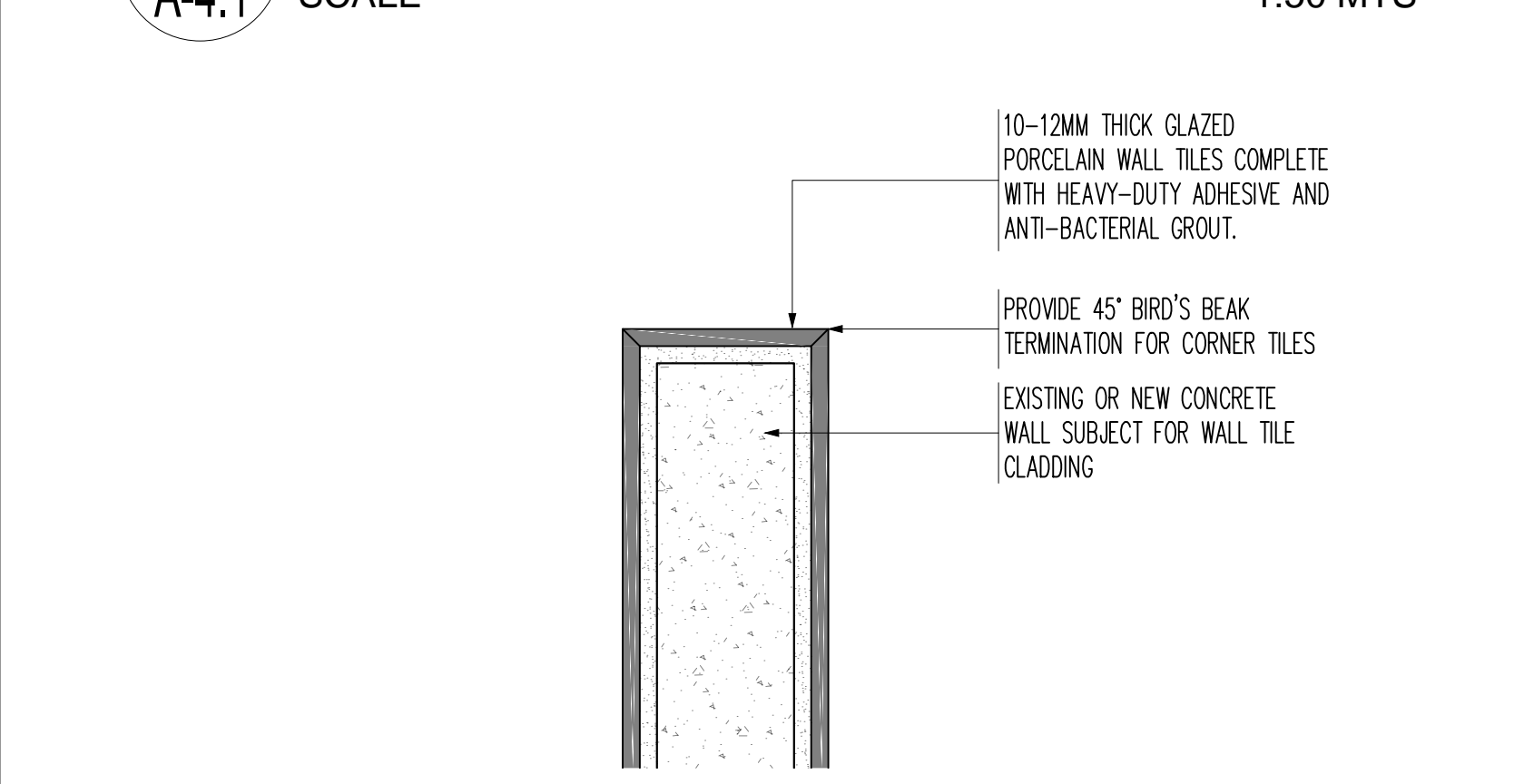
DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 00368663	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE	SHEET CONTENT : LONGITUDINAL SECTION CROSS SECTION	SHEET NO. A 3.1
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. Ocampo STREET, MANILA CITY	PTR NO. : 9869261 ISSUED AT : MANILA	DATE : JANUARY 19, 2021 TIN : 260-352-486-000	REPUBLIC ACT 9266	DRAWN BY : BFC DESIGNED BY : BFC	CHECKED BY : BFC DATE STARTED: JUNE 2021



3 A-4.1 SCALE
 DEPARTMENT OF FINANCE 8TH FLOOR EDPG BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
MALE EXECUTIVE TOILET INTERIOR ELEVATIONS
 1:50 MTS

1 A-4.1 SCALE
 DEPARTMENT OF FINANCE 8TH FLOOR EDPG BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
TOILET BLOW-UP FLOOR PLAN
 1:50 MTS

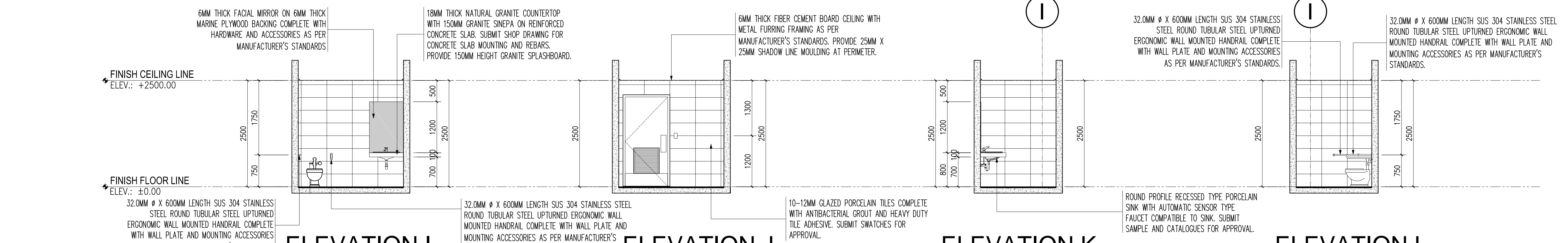


2 A-4.1 SCALE
 DEPARTMENT OF FINANCE 8TH FLOOR EDPG BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
CORNER WALL TILE DETAIL
 1:5 MTS

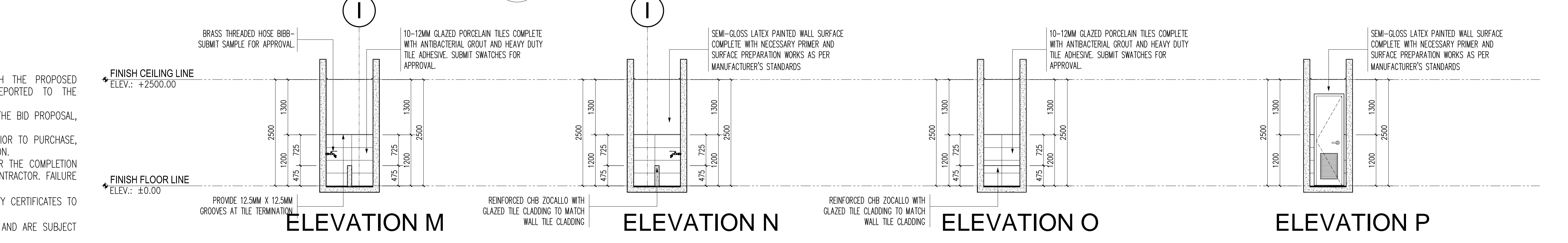
- NOTES:
- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
 - CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
 - THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
 - ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
 - THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
 - ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
 - ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.
 - FLOOR TILES SHALL BE SLOPED TO DRAIN, CONTRACTOR TO VERIFY LOCATIONS OF FLOOR DRAINS AS PER SANITARY AND PLUMBING PLANS.
 - CONTRACTOR TO SUBMIT TILE SWATCHES, GROUT SWATCHES AND TILE ADHESIVE PRODUCT SPECIFICATION FOR APPROVAL.
 - CONTRACTOR TO PRESENT CATALOGUES FOR TOILET FIXTURES, ACCESSORIES, ETC. PRIOR TO DELIVERY AND INSTALLATION ON SITE.
 - FOR ALL AUTOMATED TOILET FIXTURES, CONTRACTOR TO PRESENT WARRANTY AND MAINTENANCE PROCEDURE PRIOR TO APPROVAL OF PROPOSED UNITS.

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 0036863		DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	
PTR NO. : 9869261	DATE : JANUARY 19, 2021	REPUBLIC ACT 9266	
ISSUED AT : MANILA	TIN : 260-352-486-000		

4 A-4.1 SCALE
 DEPARTMENT OF FINANCE 8TH FLOOR EDPG BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
FEMALE EXECUTIVE TOILET INTERIOR ELEVATIONS
 1:50 MTS



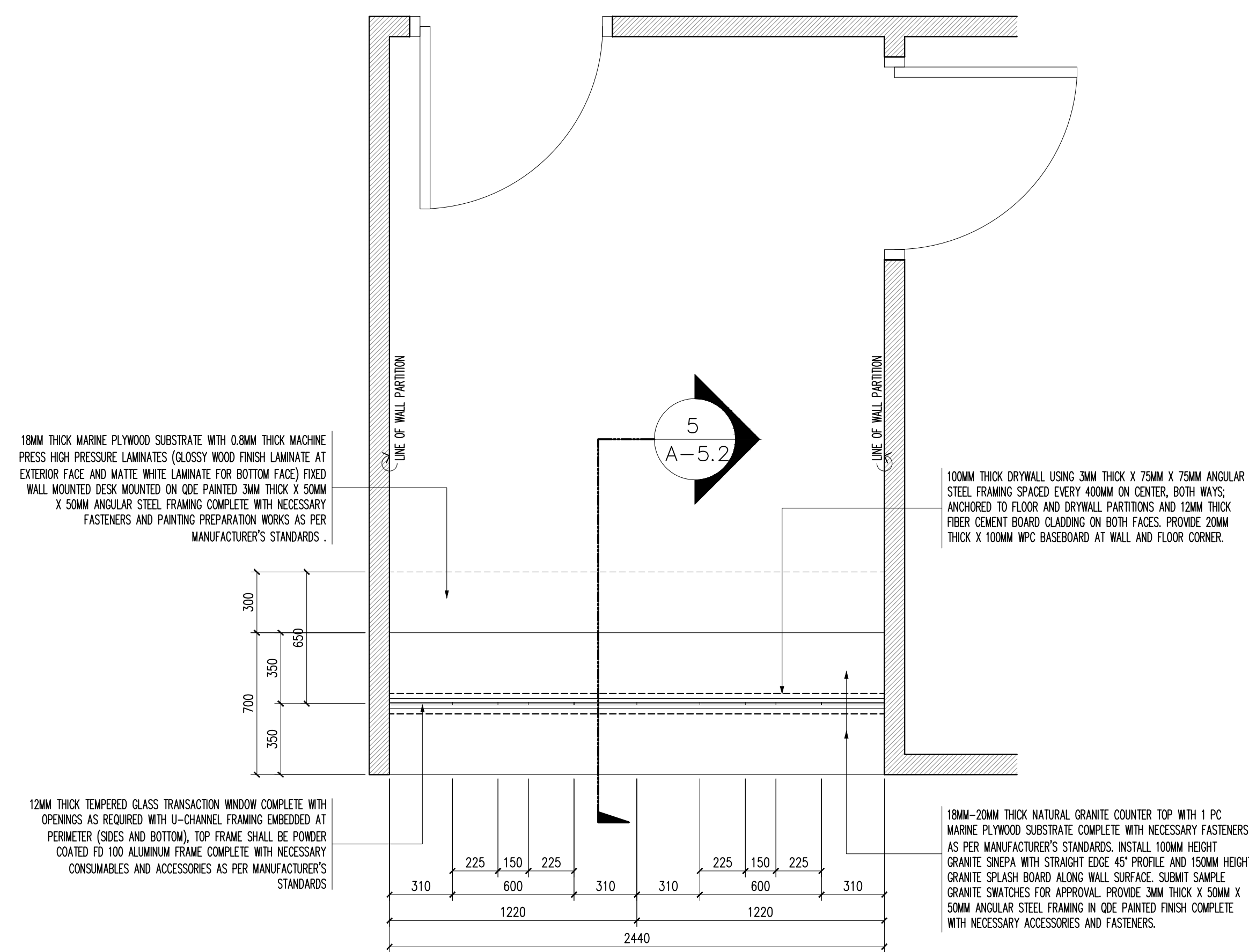
5 A-4.1 SCALE
 DEPARTMENT OF FINANCE 8TH FLOOR EDPG BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
PWD TOILET INTERIOR ELEVATIONS
 1:50 MTS



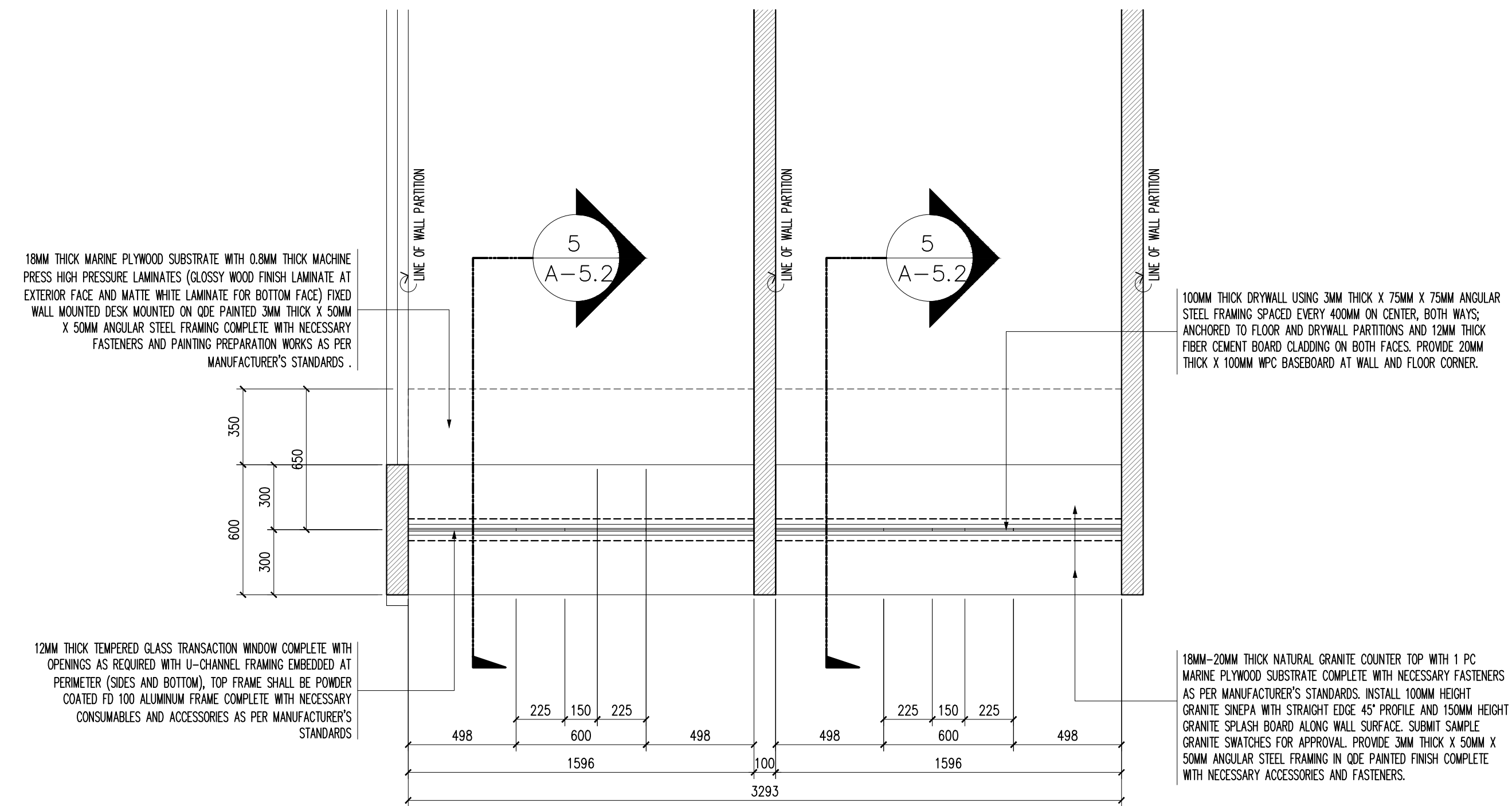
6 A-4.1 SCALE
 DEPARTMENT OF FINANCE 8TH FLOOR EDPG BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)
SLOP SINK INTERIOR ELEVATIONS
 1:50 MTS

PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPG BUILDING RENOVATION		APPROVED BY : DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE		APPROVED BY : DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER		APPROVED BY : USEC. GIL S. BELTRAN UNDERSECRETARY - PDMG DEPARTMENT OF FINANCE		SHEET CONTENT : TOILET BLOW-UP FLOOR PLAN CORNER WALL TILE DETAIL INTERIOR ELEVATIONS		SHEET NO. A 4.1	
LOCATION : EDPG BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY								DRAWN BY : BFC		CHECKED BY : BFC	
								DESIGNED BY : BFC		DATE STARTED: JUNE 2021	

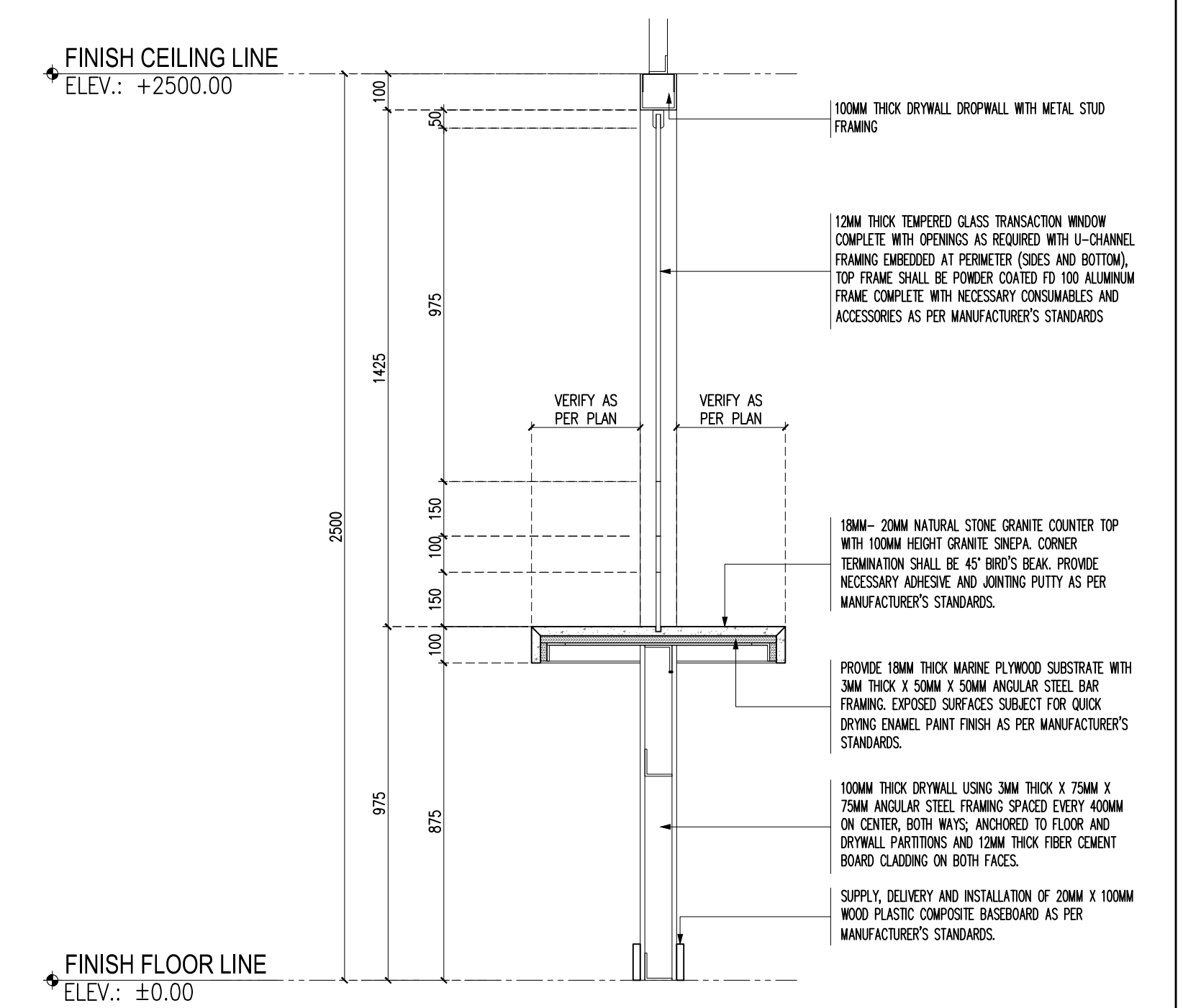
DATE OF ISSUANCE: SEPTEMBER 30, 2021



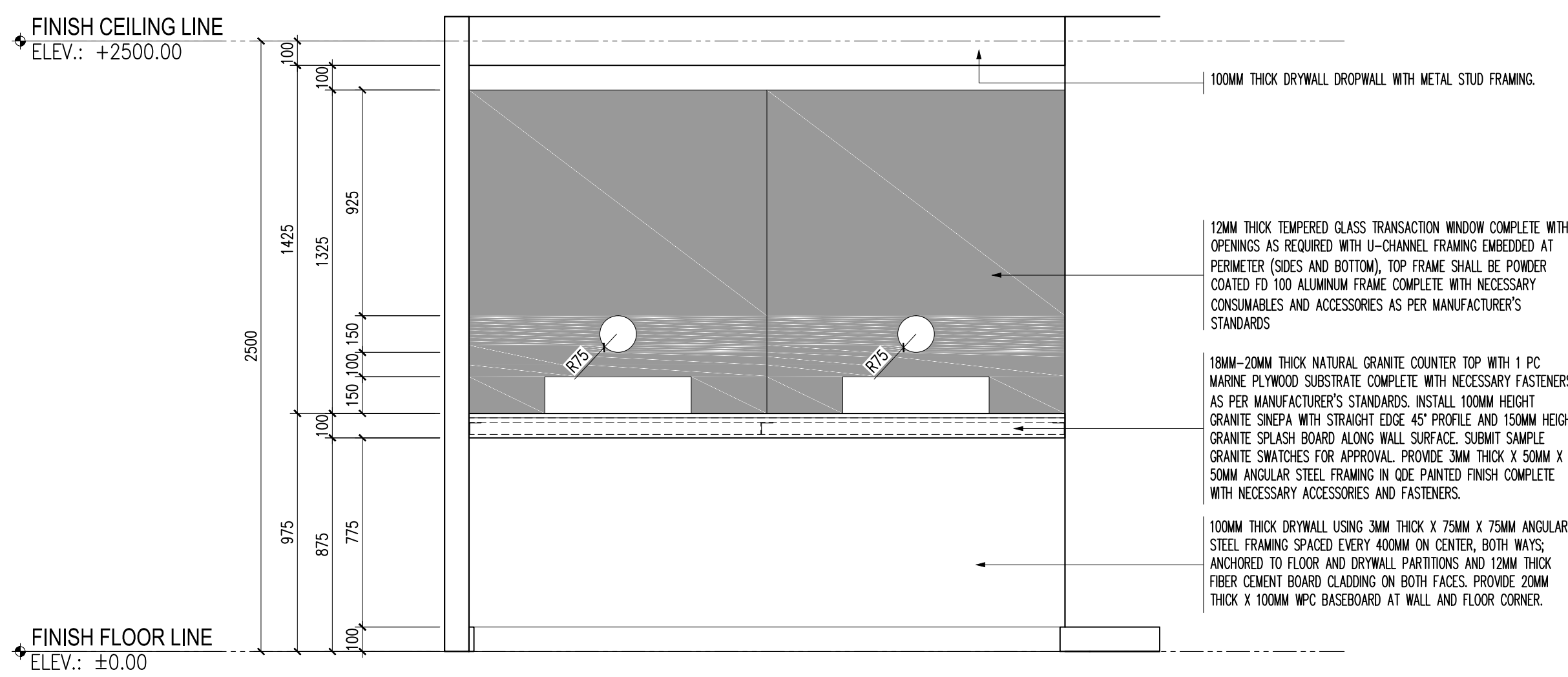
1 NTRC & FIRB TRANSACTION COUNTER DETAIL PLAN
SCALE: 1:20 MTS



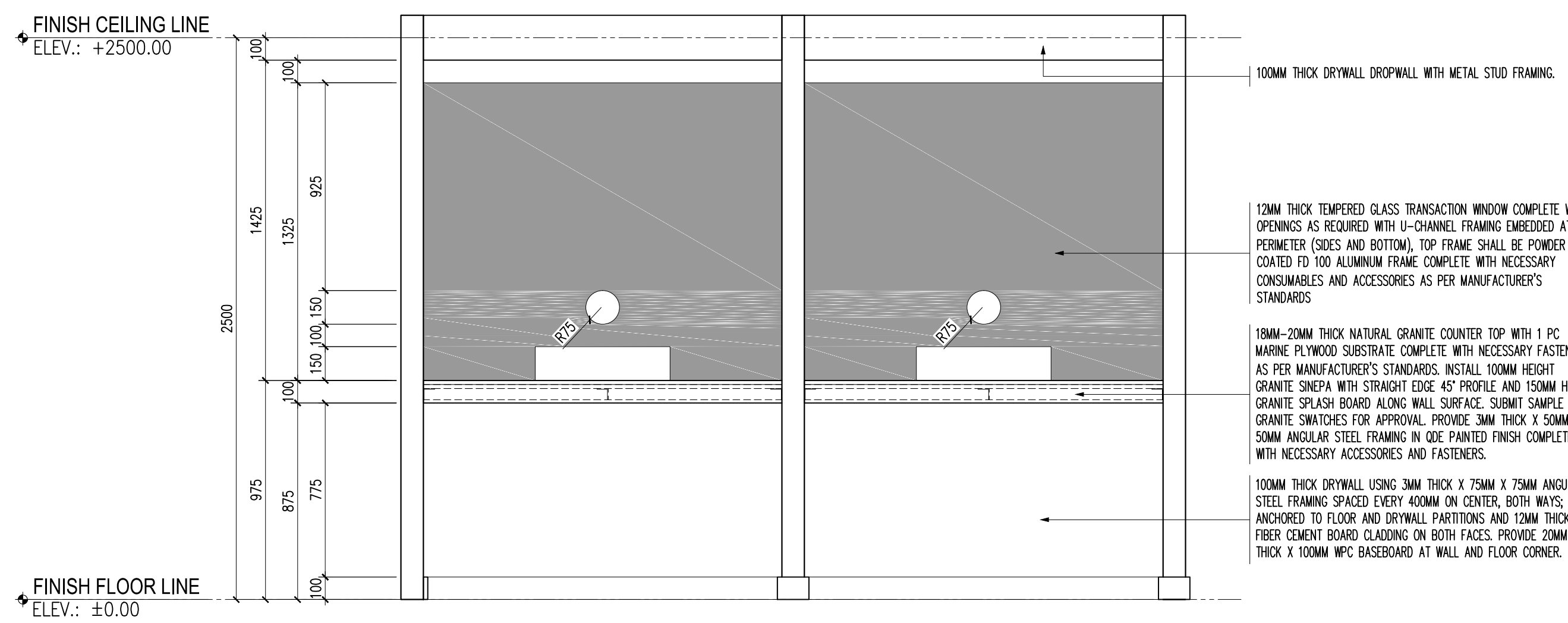
3 BLGf TRANSACTION COUNTER DETAIL PLAN
SCALE: 1:20 MTS



5 TRANSACTION COUNTER DETAIL SECTION
SCALE: 1:15 MTS



2 NTRC & FIRB TRANSACTION COUNTER DETAIL ELEVATION
SCALE: 1:20 MTS



4 BLGf TRANSACTION COUNTER DETAIL ELEVATION
SCALE: 1:20 MTS

NOTES:

- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
- CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
- ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF QUANTITIES BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR, TOGETHER WITH THE THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
- ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.
- CONTRACTOR TO SUBMIT GRANITE SWATCHES FOR APPROVAL.
- THE CONTRACTOR SHALL SUBMIT FOR COUNTER CONSTRUCTION FOR DESIGNER'S APPROVAL PRIOR TO IMPLEMENTATION.

DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 0036863 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMG DEPARTMENT OF FINANCE	SHEET CONTENT : TRANSACTION COUNTER DETAIL PLANS AND ELEVATIONS TRANSACTION COUNTER DETAIL SECTION	SHEET NO. A 5.2
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. Ocampo STREET, MANILA CITY	DRAWN BY : BFC DESIGNED BY : BFC	CHECKED BY : BFC DATE STARTED: JUNE 2021			

DOOR PLAN AND ELEVATION	GENERAL DESCRIPTION			HARDWARE AND ACCESSORIES			DOOR PLAN AND ELEVATION	GENERAL DESCRIPTION			HARDWARE AND ACCESSORIES				
	LEGEND	DESCRIPTION	QUANTITY	LOCATION	HINGES	LOCKSETS		ACCESSORIES	LEGEND	DESCRIPTION	QUANTITY	LOCATION	HINGES	LOCKSETS	ACCESSORIES
	D1	SINGLE LEAF DOUBLE-SWING 12MM THK TEMPERED GLASS DOOR WITH POWDER-COATED TOP AND BOTTOM FD 100 FRAME, COMPLETE WITH ACCESSORIES AND GASKETS, WITH 1.5MM THICK BENDED ALUMINUM DOOR THRESHOLD IN POWDER COATED PAINT FINISH	30 SETS	NTRC/FIRB DIRECTOR III OFFICES, NTRC/FIRB EXEC. DIRECTOR, TRANSACTION COUNTER, NTRC/FIRB MEETING ROOMS, NTRC/NECO, DOF PEA, NTRC/FIRB PANTRIES, NTRC COA, NTRC COA PANTRY, DRIVERS' LOUNGE, JANITORS' ROOM, MIS WORKSHOP AREA, NTRC DATA ROOM, EXIST. BLGF DATA ROOM, BLGF COA SUPERVISOR, BLGF COA DRY PANTRY, BLGF PANTRY, BLGF MEETING ROOMS, BLGF CASHIER, BLGF ANTE ROOM	DOUBLE ACTION FLOOR SPRING HINGE WITH HOLD OPEN FUNCTION AND 1.5MM THICK STAINLESS STEEL UNIVERSAL COVER PLATE; AND TOP PIVOT HINGE. CONTRACTOR TO SUBMIT SAMPLE FOR APPROVAL.	PROVIDE CYLINDRICAL DEADBOLT LOCK INTEGRATED IN FD100 BOTTOM FRAME.	32MM Ø X 900MM (L) POLISHED STAINLESS STEEL H-TYPE GLASS DOOR PULL HANDLE FOR 12MM THK GLASS. CONTRACTOR TO SUPPLY AND INSTALL FROSTED STICKER ON GLASS PANELS. (SUBMIT SAMPLE AND VERIFY DESIGN). PROVIDE 1.5MM THK X 100MM WIDE POWDER COATED ALUMINUM DOOR THRESHOLD, SUBMIT COLOR SWATCHES AND SAMPLE FOR APPROVAL.		D6	EQUALLY-DIVIDED OPERABLE PARTITION WITH FABRIC FINISH ON BOTH SIDES, WITH STC RATING OF 50. 102MM THICK PANEL WITH ARCHITECTURAL GRADE ALUMINUM ALLOY PANEL TRIM, 12MM MDF OR 12MM GYPSUM BOARD WITH GAUGE 20 STEEL SHEET WITH 50MM THK ROCKWOOL AT 60KG/CUM. CONTRACTOR TO SUBMIT SHOP DRAWINGS PRIOR FABRICATION AND INSTALLATION	1 SET	BLGF MEETING ROOM	PROVIDE RETRACTABLE UPPER AND FLOOR SEALS, FIXED SWEEP SEALS, SINGLE ACTION SPRING LOADED CAM AND SPINDLE WITH COMPENSATING PRESSURE SEAL MECHANISM	PROVIDE HEAVY DUTY METAL LOCKING DEVICE. SUBMIT SAMPLE FOR APPROVAL	PROVIDE RAIL TRACK THAT SHALL BE OF ARCHITECTURAL GRADE ALUMINUM ALLOY WITH PRECISION BEARINGS.
	D2	DOUBLE-SWING 12MM THK TEMPERED GLASS DOOR WITH POWDER-COATED TOP AND BOTTOM FD 100 FRAME, BOTH COMPLETE WITH ACCESSORIES AND GASKETS, WITH 1.5MM THICK BENDED ALUMINUM DOOR THRESHOLD IN POWDER COATED PAINT FINISH	20 SETS	NTRC/ FIRB FINANCIAL DIVISION, UTILITY ACCESS HALLWAYS, NTRC/ FIRB, NTRC/ FIRB LOBBY, SERVICE LOBBY, BLGF, BLGF RECEPTION AREA, BLGF COA, BLGF MEETING ROOMS.	DOUBLE ACTION FLOOR SPRING HINGE WITH HOLD OPEN FUNCTION AND 1.5MM THICK STAINLESS STEEL UNIVERSAL COVER PLATE; AND TOP PIVOT HINGE. CONTRACTOR TO SUBMIT SAMPLE FOR APPROVAL.	PROVIDE CYLINDRICAL DEADBOLT LOCK INTEGRATED IN FD100 BOTTOM FRAME.	32MM Ø X 900MM (L) POLISHED STAINLESS STEEL H-TYPE GLASS DOOR PULL HANDLE FOR 12MM THK GLASS. CONTRACTOR TO SUPPLY AND INSTALL FROSTED STICKER ON GLASS PANELS. (SUBMIT SAMPLE AND VERIFY DESIGN). CONTRACTOR TO PROVIDE 1.5MM X 100MM WIDE BENDED ALUMINUM DOOR THRESHOLD IN POWDER COATED PAINT FINISH, SUBMIT COLOR SWATCHES AND SAMPLE FOR APPROVAL.		D7	SINGLE-SWING WOODEN DOOR USING 44 MM THK FLUSH DOOR WITH 6MM THICK MARINE PLYWOOD FACES AND SOLID DOOR FRAMING. CONTRACTOR TO USE KILN DRIED WOOD WITH 50MM X 100MM SOLID WOOD TANGULE KD DOOR JAMB, WITH WOODEN LOUVER BLADES AND KILN DRIED WOOD FRAMING. ALL DOOR WOOD MEMBERS ARE SUBJECT TO WOOD FAUX WOOD STAIN FINISH WITH PROTECTIVE CLEAR COAT AS PER MANUFACTURER'S STANDARDS.	4 SETS	MALE COMMON TOILET, FEMALE COMMON TOILET, MALE EXECUTIVE TOILET, FEMALE EXECUTIVE TOILET	USE 4 PCS. 90MM X 90MM X 4MM LOOSE-PIN BUTT HINGES IN SATIN FINISH PER DOOR LEAF.	USE STAINLESS-STEEL PRIVACY TYPE LOCKSET IN SATIN NICKEL FINISH.	PROVIDE CONCEALED DOOR CLOSER (OVERHEAD WITH SLIDE CHANNEL AND HOLD OPEN FUNCTION) FOR MAXIMUM 50 KG. DOOR WEIGHT. PROVIDE STAINLESS STEEL ZINC ALLOY BASE DOOR STOPPER IN SATIN NICKEL FINISH WITH BLOCK RUBBER PER DOOR.
	D3	SINGLE-SWING WOODEN DOOR USING 44 MM THK FLUSH DOOR WITH 6MM THICK MARINE PLYWOOD FACES AND SOLID DOOR FRAMING. CONTRACTOR TO USE KILN DRIED WOOD WITH 50MM X 100MM SOLID WOOD TANGULE KD DOOR JAMB, WITH WOODEN LOUVER BLADES AND KILN DRIED WOOD FRAMING. ALL DOOR WOOD MEMBERS ARE SUBJECT TO WOOD FAUX WOOD STAIN FINISH WITH PROTECTIVE CLEAR COAT AS PER MANUFACTURER'S STANDARDS.	23 SETS	NTRC/ FIRB STORAGE ROOMS, NTRC COA STORAGE, JANITOR SUPPLY ROOM, TRANSACTION STORAGE, BLGF COA STORAGE, CASHIER STORAGE	USE 4 PCS. 90MM X 90MM X 4MM LOOSE-PIN BUTT HINGES IN SATIN FINISH PER DOOR LEAF.	USE STAINLESS-STEEL STANDARD-DUTY LEVER-TYPE LOCKSET IN SATIN NICKEL FINISH.	PROVIDE CONCEALED DOOR CLOSER (OVERHEAD WITH SLIDE CHANNEL AND HOLD OPEN FUNCTION) FOR MAXIMUM 50 KG. DOOR WEIGHT. PROVIDE STAINLESS STEEL ZINC ALLOY BASE DOOR STOPPER IN SATIN NICKEL FINISH WITH BLOCK RUBBER PER DOOR.		D8	DOUBLE-SWING WOODEN DOOR USING 44 MM THK FLUSH DOOR WITH 6MM THICK MARINE PLYWOOD FACES AND SOLID DOOR FRAMING. CONTRACTOR TO USE KILN DRIED WOOD WITH 50MM X 100MM SOLID WOOD TANGULE KD DOOR JAMB, WITH WOODEN LOUVER BLADES AND KILN DRIED WOOD FRAMING. ALL DOOR WOOD MEMBERS ARE SUBJECT TO WOOD FAUX WOOD STAIN FINISH WITH PROTECTIVE CLEAR COAT AS PER MANUFACTURER'S STANDARDS.	1 SET	FWD TOILET	USE STAINLESS STEEL FLOOR SPRING HINGES WITH HOLD OPEN DEVICE, COMPLETE WITH COVER PLATE, UPPER PIVOT DOOR STRAP AND FIXING MATERIAL DOOR SHOE IN SATIN NICKEL FINISH OR APPROVED EQUAL.	N/A	PROVIDE 1.5MM X 150MM X 100MM STAINLESS STEEL SIGNAGE IN SATIN NICKEL FINISH. PROVIDE STAINLESS STEEL BARREL BOLT. PROVIDE 2 MM THK X 300MM X 900 MM STAINLESS STEEL KICK PLATE ON BOTH FACES, SCREWED TO FLUSH DOOR IN SATIN FINISH. PROVIDE 2MM THK X 125MM X 400MM PUSH PLATE ON BOTH FACES, SCREWED TO PANEL DOOR IN SATIN FINISH. PROVIDE STAINLESS STEEL FLOOR MOUNTED DOOR STOPPER WITH BLOCK RUBBER IN SATIN NICKEL FINISH.
	D4	SINGLE-SWING WOODEN DOOR USING 44 MM THK FLUSH DOOR WITH 6MM THICK MARINE PLYWOOD FACES AND SOLID DOOR FRAMING. CONTRACTOR TO USE KILN DRIED WOOD WITH 50MM X 100MM SOLID WOOD TANGULE KD DOOR JAMB, WITH WOODEN LOUVER BLADES AND KILN DRIED WOOD FRAMING. ALL DOOR WOOD MEMBERS ARE SUBJECT TO WOOD FAUX WOOD STAIN FINISH WITH PROTECTIVE CLEAR COAT AS PER MANUFACTURER'S STANDARDS.	1 SET	BLGF STORAGE	USE 4 PCS. 90MM X 90MM X 4MM LOOSE-PIN BUTT HINGES IN SATIN FINISH PER DOOR LEAF. PROVIDE 1 SET HEAD BOLT AND FOOT BOLT FOR ONE DOOR PANEL.	USE STAINLESS-STEEL STANDARD-DUTY LEVER-TYPE LOCKSET IN SATIN NICKEL FINISH.	PROVIDE CONCEALED DOOR CLOSER (OVERHEAD WITH SLIDE CHANNEL AND HOLD OPEN FUNCTION) FOR MAXIMUM 50 KG. DOOR WEIGHT. PROVIDE STAINLESS STEEL ZINC ALLOY BASE DOOR STOPPER IN SATIN NICKEL FINISH WITH BLOCK RUBBER PER DOOR PANEL.		D9	SINGLE-SWING WOODEN DOOR USING 44 MM THK FLUSH DOOR WITH 6MM THICK MARINE PLYWOOD FACES AND SOLID DOOR FRAMING. CONTRACTOR TO USE KILN DRIED WOOD WITH 50MM X 100MM SOLID WOOD TANGULE KD DOOR JAMB, WITH WOODEN LOUVER BLADES AND KILN DRIED WOOD FRAMING. ALL DOOR WOOD MEMBERS ARE SUBJECT TO WOOD FAUX WOOD STAIN FINISH WITH PROTECTIVE CLEAR COAT AS PER MANUFACTURER'S STANDARDS.	1 SET	SLOP SINK	USE 4 PCS. 90MM X 90MM X 4MM LOOSE-PIN BUTT HINGES IN SATIN FINISH PER DOOR LEAF.	USE STAINLESS-STEEL STANDARD-DUTY LEVER-TYPE LOCKSET IN SATIN NICKEL FINISH.	PROVIDE CONCEALED DOOR CLOSER (OVERHEAD WITH SLIDE CHANNEL AND HOLD OPEN FUNCTION) FOR MAXIMUM 50 KG. DOOR WEIGHT. PROVIDE STAINLESS STEEL ZINC ALLOY BASE DOOR STOPPER IN SATIN NICKEL FINISH WITH BLOCK RUBBER PER DOOR.
	D5	EXISTING STEEL DOORS SUBJECT FOR SURFACE REPAIR AND REPAINTING USING EPOXY PAINT (SUBMIT COLOR SWATCHES FOR ARCHITECT'S APPROVAL). CONTRACTOR TO VERIFY ACTUAL SIZE OF DOORS ON SITE.	6 SETS	FIRE EXITS, AHU ROOMS, ELECTRICAL ROOM	RETAIN EXISTING HINGES. CONTRACTOR TO VERIFY ACTUAL CONDITION AND REPORT IF IN NEED OF REPAIR OR REPLACEMENT.	RETAIN EXISTING LOCKSETS. CONTRACTOR TO VERIFY ACTUAL CONDITION AND REPORT IF IN NEED OF REPAIR OR REPLACEMENT.	RETAIN EXISTING ACCESSORIES. CONTRACTOR TO VERIFY ACTUAL CONDITION AND REPORT IF IN NEED OF REPAIR OR REPLACEMENT.		D10	12MM THICK PHENOLIC BOARD PARTITION AND DOOR PANEL WITH WOOD GRAIN TEXTURED FAUX WOOD SURFACE PANEL AND STAINLESS STEEL HARDWARE AND ACCESSORIES AS PER MANUFACTURER'S STANDARDS. PROVIDE PHENOLIC BOARD SWATCHES AND SAMPLE MOCK-UP OF HARDWARE AND ACCESSORIES FOR APPROVAL.	1 SET	SHOWER ROOMS	PROVIDE STAINLESS STEEL RISING HINGES AS PER MANUFACTURER'S STANDARDS.	PROVIDE STAINLESS STEEL TURN KNOB LOCK WITH INDICATOR AS PER MANUFACTURER'S STANDARDS.	PROVIDE NECESSARY STAINLESS STEEL BRACKETS, ADJUSTABLE FOOTLOCKS, STOPPER WITH COAT HOOK AS PER MANUFACTURER'S STANDARDS.

NOTES:

- THE CONTRACTOR SHALL VERIFY AND INVESTIGATE THE EXISTING SITE CONDITION IN CONSIDERATION WITH THE PROPOSED RENOVATION. ANY DISCREPANCIES WITH THE EXISTING SITE CONDITION AND THE PLAN SHALL BE REPORTED TO THE ARCHITECT-ON-RECORD DURING THE PRE-BID CONFERENCE PRIOR TO SUBMITTAL OF BID PROPOSAL.
- CERTIFICATE OF SITE INSPECTION IS A MUST TO EACH CONTRACTOR AND SHALL BE SUBMITTED TOGETHER WITH THE BID PROPOSAL, TO QUALIFY THE BIDDERS.
- THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR ALL ITEMS IN NEED OF CLARIFICATION IN THE PLAN PRIOR TO PURCHASE, FABRICATION OR INSTALLATION FOR APPROVAL OF THE ARCHITECT OR ENGINEER IN CHARGE OF THE CONSTRUCTION.
- ANY ITEMS NOT REFLECTED IN THE PLAN, SPECIFICATION OR BILL OF MATERIALS BUT DEEMED NECESSARY FOR THE COMPLETION OF THE PROJECT SHALL BE REPORTED WITHIN 7 DAYS AFTER THE ISSUANCE OF LETTER OF AWARD TO THE CONTRACTOR. FAILURE TO ADDRESS CONCERNS SHALL BE CARRIED OUT BY THE CONTRACTOR AT HIS OWN EXPENSE.
- THE CONTRACTOR, TOGETHER WITH THEIR SPECIALTY SUPPLIER/ SUB-CONTRACTOR, SHALL SUBMIT WARRANTY CERTIFICATES TO THE OWNER FOR ALL WORKS DONE FOR THE PROJECT PRIOR TO FINAL ACCEPTANCE OF THE PROJECT.
- ALL PARTITIONS INDICATED AS BROKEN LINES AS SHOWN IN THE DRAWINGS ARE EXISTING WALLS / PARTITIONS AND ARE SUBJECT FOR DEMOLITION AND DISMANTLING.
- ALL EXISTING GLASS PARTITIONS AND DOORS, INCLUDING ACCESSORIES AND HARDWARE SHALL BE DISMANTLED CAREFULLY BY THE CONTRACTOR, ANY DAMAGE IN THE SAID ITEMS ARE SUBJECT FOR REPLACEMENT IN EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL SUBMIT AND PRESENT DOOR ALL DOOR HARDWARE AND ACCESSORIES FOR APPROVAL TO THE DESIGNER AND OWNER. CONTRACTOR TO PROVIDE AT LEAST 2 OPTIONS FOR EACH ITEM.
- THE CONTRACTOR SHALL SUBMIT AND PRESENT ALL MATERIAL SWATCHES AND FINISHES FOR APPROVAL OF THE DESIGNER AND OWNER.
- THE CONTRACTOR SHALL CONDUCT ACTUAL PAINT MOCK-UP FOR INITIALLY APPROVED PAINT SWATCHES FOR DOOR FINISHES FOR FINAL APPROVAL.

DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION PROJECT (NTRC AND FIRB OFFICES)

1 SCHEDULE OF DOORS

A-6.1 SCALE 1:100 MTS

DATE OF ISSUANCE: SEPTEMBER 30, 2021

BENJAMIN F. CAYABYAB, uap ARCHITECT PRC No. 0036863 PTR NO. : 9869261 DATE : JANUARY 19, 2021 ISSUED AT : MANILA TIN : 260-352-486-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE :	APPROVED BY:	APPROVED BY:	APPROVED BY:	SHEET CONTENT :	SHEET NO.
		DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DIR. ALVIN P. DIAZ DIRECTOR IV – CAO DEPARTMENT OF FINANCE	DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	USEC. GIL S. BELTRAN UNDERSECRETARY – PDM5G DEPARTMENT OF FINANCE	SCHEDULE OF DOORS DRAWN BY : BFC DESIGNED BY : BFC	CHECKED BY : BFC DATE STARTED: JUNE 2021

EQUIPMENT SCHEDULE

VRF OUTDOOR UNIT SCHEDULE										
MARK NO.	COMBINATION	TYPE	COOLING CAPACITY (HP)	TYPE	COMPRESSOR DATA				REFRIGERANT TYPE	REMARKS
					ELECTRICAL DATA					
					INPUT POWER (KW)	EER	RPM	V/PH/Hz		
ACUV-1-01	1 UNIT NO.	INVERTER VARIABLE FLOW	20	HERMETICALLY SEALED	18	-	3,600	230/3/60	R410 OR EQUIVALENT	60 HP COMBINED DAIKIN VRF C/W WITH ANTI CORROSSION PROTECTION
ACUV-1-02	1 UNIT NO.	INVERTER VARIABLE FLOW	20	HERMETICALLY SEALED	18	-	3,600	230/3/60	R410 OR EQUIVALENT	
ACUV-1-03	1 UNIT NO.	INVERTER VARIABLE FLOW	20	HERMETICALLY SEALED	18	-	3,600	230/3/60	R410 OR EQUIVALENT	
ACUV-2-01	1 UNIT NO.	INVERTER VARIABLE FLOW	12	HERMETICALLY SEALED	9.0	-	3,600	230/3/60	R410 OR EQUIVALENT	44 HP COMBINED DAIKIN VRF C/W WITH ANTI CORROSSION PROTECTION
ACUV-2-02	1 UNIT NO.	INVERTER VARIABLE FLOW	12	HERMETICALLY SEALED	9.0	-	3,600	230/3/60	R410 OR EQUIVALENT	
ACUV-2-03	1 UNIT NO.	INVERTER VARIABLE FLOW	20	HERMETICALLY SEALED	18	-	3,600	230/3/60	R410 OR EQUIVALENT	
ACUV-3-01	1 UNIT NO.	INVERTER VARIABLE FLOW	16	HERMETICALLY SEALED	13	-	3,600	230/3/60	R410 OR EQUIVALENT	52 HP COMBINED DAIKIN VRF C/W WITH ANTI CORROSSION PROTECTION
ACUV-3-02	1 UNIT NO.	INVERTER VARIABLE FLOW	18	HERMETICALLY SEALED	16	-	3,600	230/3/60	R410 OR EQUIVALENT	
ACUV-3-03	1 UNIT NO.	INVERTER VARIABLE FLOW	18	HERMETICALLY SEALED	16	-	3,600	230/3/60	R410 OR EQUIVALENT	
ACUV-4-01	1 UNIT NO.	INVERTER VARIABLE FLOW	16	HERMETICALLY SEALED	13	-	3,600	230/3/60	R410 OR EQUIVALENT	52 HP COMBINED DAIKIN VRF C/W WITH ANTI CORROSSION PROTECTION
ACUV-4-02	1 UNIT NO.	INVERTER VARIABLE FLOW	18	HERMETICALLY SEALED	16	-	3,600	230/3/60	R410 OR EQUIVALENT	
ACUV-4-03	1 UNIT NO.	INVERTER VARIABLE FLOW	18	HERMETICALLY SEALED	16	-	3,600	230/3/60	R410 OR EQUIVALENT	

VRF INDOOR UNIT SCHEDULE								
MARK NO.	QTY.	TYPE	AREA SERVE	COOLING CAPACITY (HP)	FAN DATA			REMARKS
					AIR FLOW (Lps)	MOTOR INPUT (WATTS)	V/PH/Hz	
ACUV-1-01	1	4-WAY CEILING CASSETTE	8F-FINANCIAL DIV.	4.0	400	150	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-1-02	1	4-WAY CEILING CASSETTE	8F-FINANCIAL DIV.	2.0	200	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-1-03	1	WALL MOUNTED	8F-DIRECTOR III	1.6	160	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-1-04	1	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	4.0	400	150	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-1-05	5	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	5.0	500	150	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-1-05-1	3	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	5.0	500	150	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-1-06	1	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	3.2	300	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-1-07	1	WALL MOUNTED	8F-DIRECTOR III	1.6	160	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-1-08	1	4-WAY CEILING CASSETTE	8F-EXEC. DIRECTOR	2.0	200	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-1-09	1	WALL MOUNTED	8F-DIRECTOR III	1.6	160	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-2-01	1	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	4.0	400	150	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-2-02	6	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	5.0	500	150	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-2-03	1	WALL MOUNTED	8F-MEETING RM.	1.25	125	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-2-04	1	4-WAY CEILING CASSETTE	8F-MEETING RM.	2.5	250	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-2-05	1	WALL MOUNTED	8F-DIRECTOR III	2.0	200	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-2-06	1	WALL MOUNTED	8F-DIRECTOR III	2.0	200	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-2-07	1	WALL MOUNTED	8F-MS WORKSHOP	1.0	100	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-3-01	1	4-WAY CEILING CASSETTE	8F-NTRCEA/NECCO	1.6	160	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-3-02	1	4-WAY CEILING CASSETTE	8F-DOF PEA	1.6	160	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-3-03	1	WALL MOUNTED	8F-NTRC COA	2.0	200	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-3-04	1	WALL MOUNTED	8F-SUPERVISOR	1.6	160	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-3-05	1	4-WAY CEILING CASSETTE	8F-COA BLOF	3.2	300	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-3-06	10	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	4.0	400	150	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-3-07	1	4-WAY CEILING CASSETTE	8F-MEETING RM.	2.5	250	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-4-02	1	WALL MOUNTED	8F-NTRC DATA ROOM	NOT USE			230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-4-03	1	WALL MOUNTED	8F-BLOF DATA ROOM	NOT USE			230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-4-04	1	WALL MOUNTED	8F-MEETING ROOM	1.6	160	50	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-4-05	1	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	4.0	400	150	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-4-06	7	4-WAY CEILING CASSETTE	8F-OPEN OFFICE SPACE	5.0	500	150	230/1/60	UNIT SIMILAR TO DAIKIN VRF UNIT
ACUV-4-07	1	4-WAY CEILING CASSETTE	8F-BLOF MTG. ROOM-A	4.0	400	150	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)
ACUV-4-08	2	4-WAY CEILING CASSETTE	8F-BLOF MTG. ROOM-A	3.2	300	50	230/1/60	OWNER SUPPLIED. DO NOT QUOTE (DAIKIN BRAND)

LEGEND & SYMBOLS			
SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	4-WAY DIFFUSER @ 220 Lps C/W OBD		DUCT W/ VOLUME CONTROL DAMPER
	1200x100 LINEAR BAR GRILLE @ 200 Lps C/W OBD		DUCT WITH ACOUSTIC LINING
	EXISTING 4-WAY DIFFUSER		EXISTING DUCTWORK
	RELOCATED 4-WAY DIFFUSER		NEW DUCTWORK
	ADDED 300x300 4-WAY DIFFUSER @ 220 Lps CONNECTED TO 250 DIA. FLEXIBLE DUCT		STANDARD DUCT ELBOW
	ADDED 1000x100 LINEAR BAR GRILLE @ 200 Lps W/ OBD. CONNECTED TO 250 DIA. FLEXIBLE DUCT		SUPPLY DUCT DOWN
	NEW FLEXIBLE DUCT W/ SPIGOT CONNECTION		RETURN DUCT DOWN
	STANDARD BRANCH-RECTANGULAR		EQUIPMENT IDENTIFICATION
	RECTANGULAR DUCT TO ROUND DUCT		CEILING CASSETTE ACU
	DUCT REDUCER		WALL MOUNTED ACU
			VRF REFRIGERANT PIPE CONNECTOR

ABBREVIATIONS			
A	ADDED AIR DIFFUSER	1/s / LPS	LITERS PER SECOND
ACCU	AIR-COOLED CONDENSING UNIT	NTS	NOT TO SCALE
ACU	AIR CONDITIONING UNIT	OBD	OPPOSED BLADED DAMPER
CDP	CONDENSATE DRAIN PIPE	PA	PASCAL
DIA.	DIAMETER	POC	POINT OF CONNECTION FOR NEW DUCT AND NEW FLEXIBLE DUCT
EAG	EXHAUST AIR GRILLE	R	RELOCATED AIR DIFFUSER
EAR	EXHAUST AIR REGISTER	RA	RETURN AIR
EAL	EXHAUST AIR LOUVER	RAD	RETURN AIR DUCT
ESP	EXTERNAL STATIC PRESSURE	RAG	RETURN AIR GRILLE
FAF	FRESH AIR FAN	S	SUPPLY AIR DIFFUSER
F/A	FROM ABOVE	SA	SUPPLY AIR
F/B	FROM BELOW	SAD	SUPPLY AIR DUCT
FA	FRESH AIR	SAF	SUPPLY AIR FAN
FAD	FRESH AIR DUCT	SISW	SINGLE INLET SINGLE WIDTH
FAG	FRESH AIR GRILLE	T/A	TO ABOVE
KEF	KITCHEN EXHAUST FAN	T/B	TO BELOW
LBGR	LINEAR BAR GRILLE (RETURN AIR)	TED	TOILET EXHAUST DUCT
LBGS	LINEAR BAR GRILLE (SUPPLY)	VCD	VOLUME CONTROL DAMPER
Lps	LITERS PER SECOND	VRF	VARIABLE REFRIGERANT FLOW

MECHANICAL NOTES:

- ALL WORKS SHALL BE IN ACCORDANCE WITH THE NATIONAL BUILDING CODE OF THE PHILIPPINES.
- ALL WORKS SHALL BE IN ACCORDANCE WITH THE FIRE CODE OF THE PHILIPPINES.
- ALL WORKS SHALL BE IN ACCORDANCE WITH THE PHILIPPINE MECHANICAL ENGINEERING CODE 2012.
- REFER TO TECHNICAL SPECIFICATIONS FOR DETAILED MATERIALS AND EQUIPMENT SPECIFICATION.
- AIR CONDITIONED AREA SHALL BE MAINTAINED AT 24°C (+/-) 2°C AND 55% RH.
- COORDINATE WITH ARCHITECTURAL PLAN REGARDING THE EXACT LOCATION OF REGISTERS AND GRILLES.
- REGISTER OR GRILLE DIMENSIONS INDICATED REPRESENT NECJ SIZE.
- REGISTER SHALL MEAN GRILLES OR DIFFUSERS WITH OPPOSED BLADE VOLUME DAMPER.
- ALL DUCT DIMENSIONS INDICATED REFERS TO INSIDE DIMENSION.
- ALL DIMENSIONS ARE IN MILLIMETER.
- INSTALL ALL DUCT CLOSE TO BEAM. PROVIDE CLEARANCE BETWEEN DUCT AND CEILING, UNLESS OTHERWISE NOTED.
- DUCTWORK CONNECTED TO AIR HANDLING UNITS / FAN SHALL BE SIZED TO SUIT THE EQUIPMENT AND SHALL BE PROVIDED WITH FLEXIBLE CONNECTOR.
- ALL DUCTWORK SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE LATEST EDITION OF SMMA LOW PRESSURE DUCTWORK MANUAL.
- DUCTWORK SHALL BE SEALED TO LESS THAN 1% LEAKAGE BY VOL. AT 125 MM S.P.W.G.
- ALL EQUIPMENT SHALL BE PROVIDED WITH VIBRATION ISOLATORS.
- ALL EQUIPMENT SHALL BE PAINTED WITH GALVANIZING PAINT MATERIAL FOR EXTRA PROTECTION AGAINST CORROSION.
- COIL OF ACU/ACCU SHALL BE BLUE FINNED COATED FOR EXTRA PROTECTION AGAINST CORROSION.
- STEEL SUPPORT OF THE EQUIPMENT SHALL BE APPLIED WITH GALVANIZING PAINT MATERIAL FOR EXTRA PROTECTION AGAINST CORROSION.
- ALL TOILET DOORS SHALL BE PROVIDED WITH LOUVERS.
- ALL DOORS OF THE AREAS WITH TRANSFER GRILLES SHALL BE PROVIDED WITH LOUVER.
- HEPA FILTER SHALL BE PROVIDED TO ALL DISCHARGE AIR DUCTWORK OF THE FRESH AIR FAN.
- WASHABLE PLEATED FILTER SHALL BE PROVIDED TO INTAKE AIR DUCTWORK OF THE FRESH AIR FAN.
- PIPE ALL EQUIPMENT DRAIN TO THE NEAREST FLOOD DRAIN.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE EQUIPMENT FOUNDATIONS AND SUPPORTS.
- SHOP DRAWINGS SHALL BE PROVIDED BY THE CONTRACTOR TO BE SUBMITTED FOR CONSULTANTS/CLIENTS REPRESENTATIVE APPROVAL PRIOR TO IMPLEMENTATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL THE TESTING, BALANCING AND COMMISSIONING OF THE WHOLE AIR CONDITIONING AND VENTILATION SYSTEM. WRITTEN DATA OF THE RESULT SHALL BE SUBMITTED PRIOR TO TURN OVER.
- WORKMANSHIP: THE WORK THROUGHOUT SHALL BE EXECUTED IN THE BEST & MOST THROUGH MANNER KNOWN TO TRADE AND TO THE SATISFACTION OF THE ARCHITECTS, ENGINEERS AND CLIENTS.
- THE EQUIPMENT SCHEDULE SHALL BE READ IN CONJUNCTION WITH THE GENERAL MECHANICAL LAYOUT AND SCHEMATIC DIAGRAM. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF MECHANICAL CONSULTANT FOR VERIFICATION.
- THE CONTRACTOR SHALL FOLLOW THE PARAMETERS OF THE EQUIPMENT SCHEDULE WITH APPROVAL FROM MECHANICAL CONSULTANT PRIOR TO PURCHASE OF THE EQUIPMENT.

FAN SCHEDULE

MARK NO.	LOCATION	QTY.	SERVICE	TYPE	AIRFLOW CAPACITY (LPS)	STATIC PRESSURE (Pa)	MOTOR DATA				REMARKS
							MOTOR INPUT (WATTS)	RPM	V/PH/Hz	VSD DRIVEN	
EF-1-01	AS-SHOWN	5	GENERAL EXHAUST	CEILING MOUNTED	120	40	50	3,600	230/1/60	NO	FAN SIMILAR TO KDK OR PANASONIC ONLY

PRECISION AIR CONDITIONING UNIT (PACU)

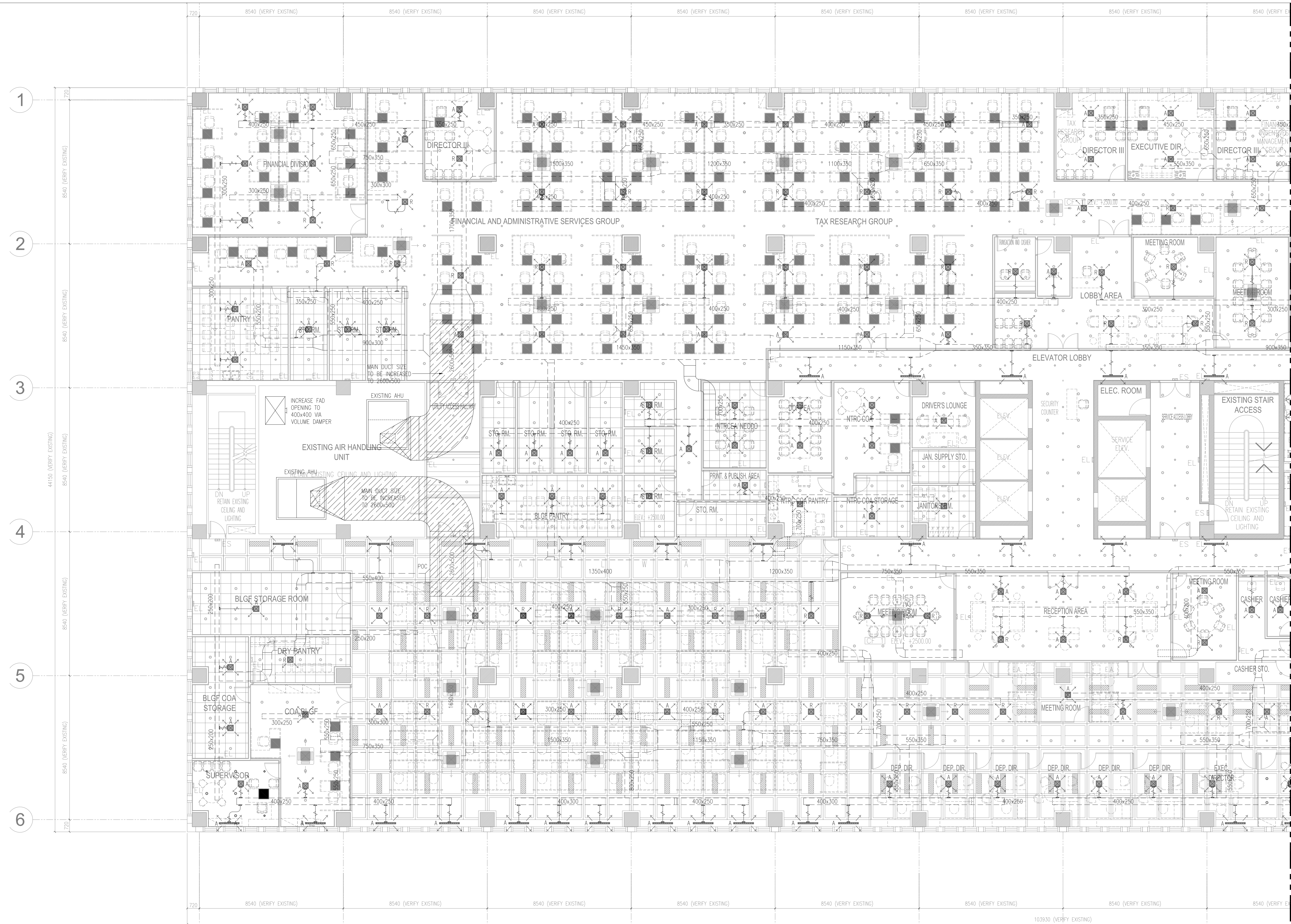
MARK NO.	QTY	TYPE	AREA SERVED	COIL DATA		SUPPLY FAN DATA				COMPRESSOR DATA				CONDENSER DATA		ELECTRIC REHEAT	REFRIGERANT DATA	REMARKS
				TOTAL CAPACITY (KW)	SENSIBLE CAPACITY (KW)	AIR FLOW (LPS)	MOTOR (WATTS)	FAN ORIENTATION	MOTOR DATA				E.A.T	FAN POWER				
									QTY.	KW	RPM	V/PH/Hz			°C			
PACU-1-01	PACCU-1-01	1	FLOOR MOUNTED	8/F NTRC DATA ROOM	10.55	9.5	850	1,000	UPBLAST/HORIZONTAL	2	3.75	3,600	230/3/60	40	1.0	1.0	R410	EXTENDED PIPING, VARIABLE TYPE.
PACU-1-02	PACCU-1-02	1	FLOOR MOUNTED	8/F NTRC DATA ROOM	10.55	9.5	850	1,000	UPBLAST/HORIZONTAL	2	3.75	3,600	230/3/60	40	1.0	1.0	R410	EXTENDED PIPING, VARIABLE TYPE. BACK-UP UNIT
PACU-2-01	PACCU-2-01	1	FLOOR MOUNTED	8/F BLOF DATA ROOM	17.6	15.7	1,415	1,500	UPBLAST/HORIZONTAL	2	3.75	3,600	230/3/60	40	1.5	1.0	R410	EXTENDED PIPING, VARIABLE TYPE.
PACU-2-02	PACCU-2-02	1	FLOOR MOUNTED	8/F BLOF DATA ROOM	17.6	15.7	1,415	1,500	UPBLAST/HORIZONTAL	2	3.75	3,600	230/3/60	40	1.5	1.0	R410	EXTENDED PIPING, VARIABLE TYPE. BACK-UP UNIT

NOTES ON

PIPING INSTALLATION:

- REFRIGERANT PIPES SHALL BE INTERNALLY CLEANED BY SWABBING WITH CLEAN COTTON CLOTH TO REMOVE ALL DUST, BURRS, AND OTHER MISCELLANEOUS DIRT.
- WHILE SOLDERING JOINTS, A SWEEP OF INERT NITROGEN GAS SHOULD BE PASSED THROUGH PIPES TO PREVENT OXIDATION DEPOSITS INSIDE.
- FITTINGS:
 - USE STANDARD LONG RADIUS COPPER ELBOWS, REDUCERS, ETC. DO NOT USE FIELD-FORMED ELBOWS, REDUCERS, ETC.
 - JOINTS BETWEEN PIPES SHOULD BE THROUGH STANDARD COPPER COUPLING FORMED FITTING MADE BY SWAGING OR ENLARGING ONE PIPE END TO BE ABLE TO RECEIVE THE OTHER PIPE SECTION WOULD NOT BE ALLOWED.
 - JOINTS TO SCREWED ACCESSORIES SUCH AS EXPANSION VALVES, FILTER DRIER, ETC. SHALL BE MADE WITH STANDARD FLARED FITTINGS.
- THE COMPLETED PIPING INSTALLATION SHOULD BE LEAK TESTED BY SUBJECTING THE SAME (BOTH LIQUID AND SUCTION LINE) TO A PRESSURE OF 3100 Pa USING DRY NITROGEN GAS. THIS PRESSURE SHOULD BE LEFT FOR 24 HOURS AND IF THERE IS NO NOTICEABLE REDUCTION IN PRESSURE WITHIN THE PERIOD, THE NITROGEN CHARGE SHALL BE RELIEVED DOWN TO 140KPa. TO SERVE AS HOLDING CHARGE WHILE WAITING FOR THE EQUIPMENT CONNECTION. IF THERE IS NOTICEABLE REDUCTION IN THE TEST PRESSURE, LEAK SHOULD BE LOCATED AND REPAIRED.
- PROPERLY TESTED PIPING SHOULD BE SECURELY CAPPED AT BOTH ENDS AND WITH HOLDING CHARGE AS STATED IN ITEM 4 ABOVE WHILE WAITING FOR FINAL CONNECTION TO EQUIPMENT. INSULATE SUCTION PIPING ONLY AFTER PROPER LEAK TESTING.

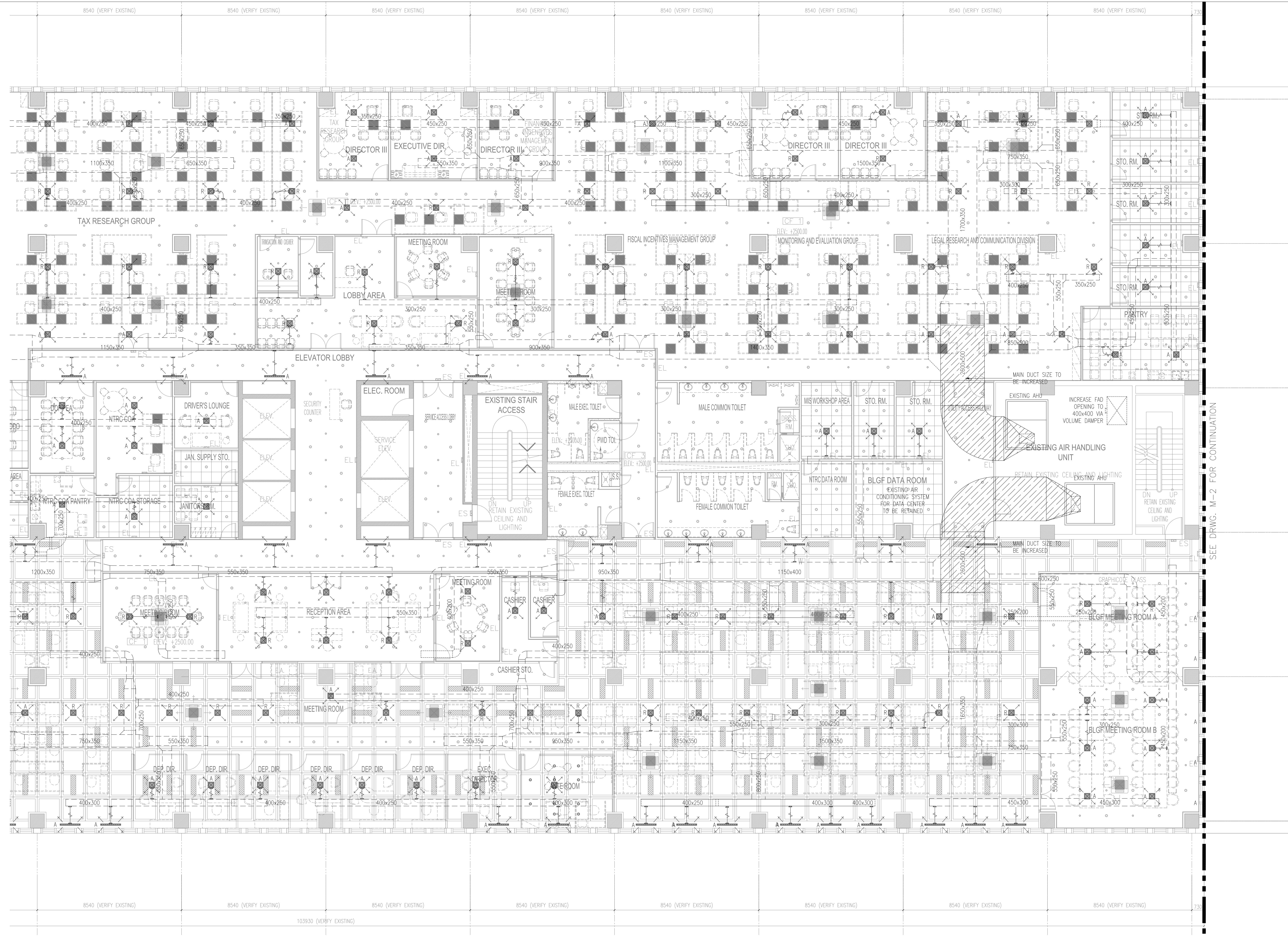
MELITON A. NAQUE P.M.E. PRC No. 0004908		THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPHY S. DEL ROSARIO - REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION.		PROJECT TITLE :		OWNER'S REPRESENTATIVE :		SHEET CONTENT :		APPROVED BY:		REVISIONS :		SHEET NO.	
PTR NO. : 6614910 DATE : JANUARY 04, 2018 ISSUED AT : MAKATI CITY TIN : 912-907-486		ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.		DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION		USEC. GIL S BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE		GENERAL NOTES EQUIPMENT SCHEDULE MISCELLANEOUS DETAILS		DIR. ALVIN P. DIAZ DIRECTOR IV - CAO		_____ _____ _____		M 1	
REPUBLIC ACT 9266				LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY				DRAWN BY : RC CHECKED BY : MAN		DESIGNED BY : RC/MAN DATE STARTED: NOVEMBER 2017					



SEE DRWG. M-3 FOR CONTINUATION

1 DEPT. OF FINANCE 8TH FLOOR EDPC BLDG. RENOVATION
 AIR CONDITIONING AND VENTILATION LAYOUT
 M-2 SCALE 1:100M

<p>MELITON A. NAGUE PME PRC No. 0004908</p> <p>PTR NO. : 6614910 DATE : JANUARY 04, 2018 ISSUED AT : MAKATI CITY TIN : 912-907-486</p>	<p>THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPTHY S. DEL ROSARIO - REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION.</p> <p>ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.</p> <p style="text-align: right;">REPUBLIC ACT 9266</p>	<p>PROJECT TITLE :</p> <p style="text-align: center;">DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION</p> <p>LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY</p>	<p>OWNER'S REPRESENTATIVE :</p> <p style="text-align: center;">USEC. GIL S BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE</p>	<p>SHEET CONTENT :</p> <p>AIR CONDITIONING LAYOUT SHEET 1 OF 2</p> <p>DRAWN BY : RC CHECKED BY : MAN DESIGNED BY : RC/MAN DATE STARTED: NOVEMBER 2017</p>	<p>APPROVED BY:</p> <p style="text-align: center;">DIR. ALVIN P. DIAZ DIRECTOR IV - CAO</p>	<p>REVISIONS :</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>							<p>SHEET NO.</p> <div style="border: 2px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <p style="font-size: 24px; font-weight: bold; margin: 0;">M</p> </div> <div style="border: 2px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <p style="font-size: 24px; font-weight: bold; margin: 0;">2</p> </div>



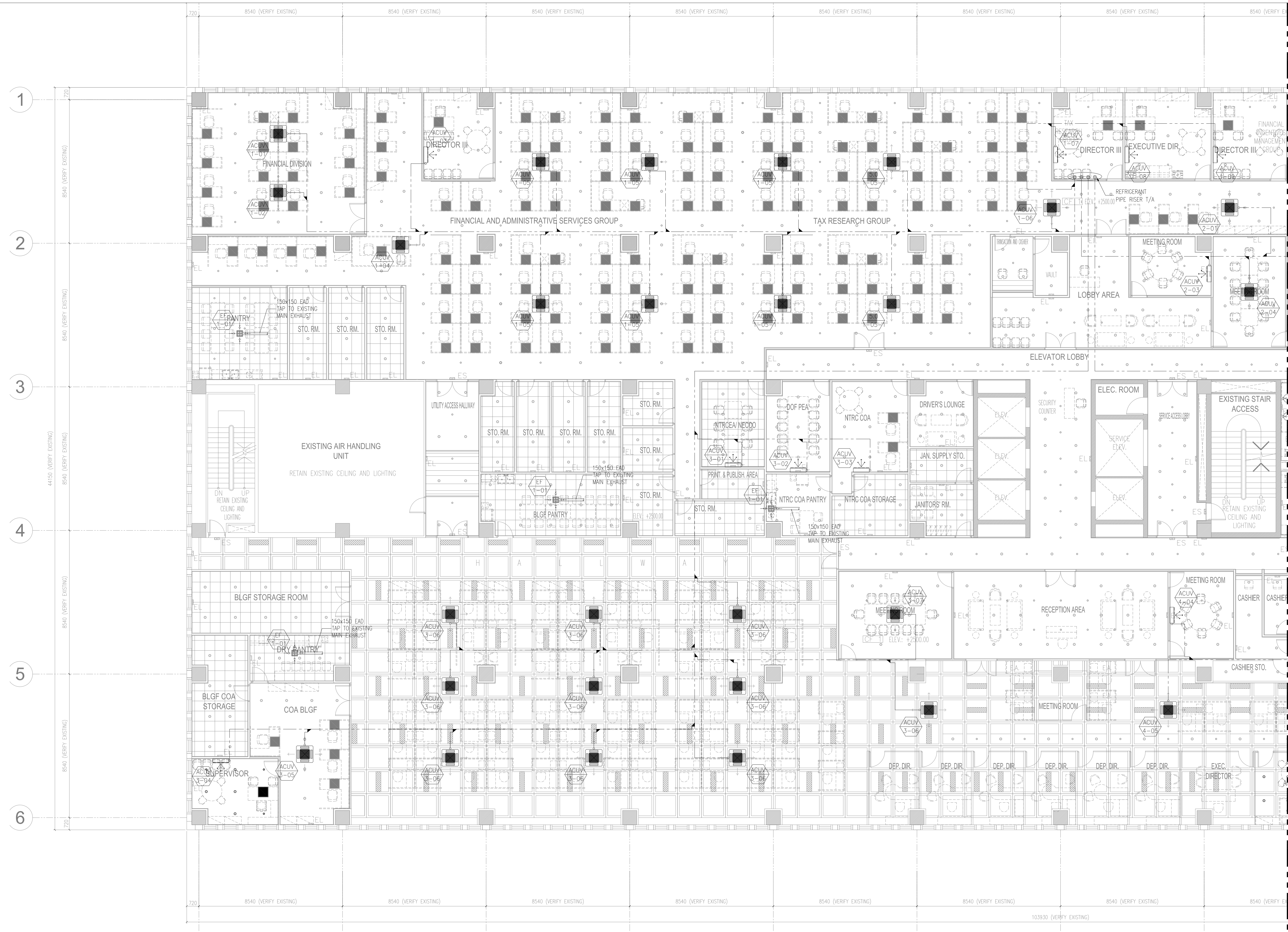
SEE DRWG. M-2 FOR CONTINUATION

1
M-3 SCALE

DEPT. OF FINANCE 8TH FLOOR EDCP BLDG. RENOVATION
AIR CONDITIONING AND VENTILATION LAYOUT

1:100M

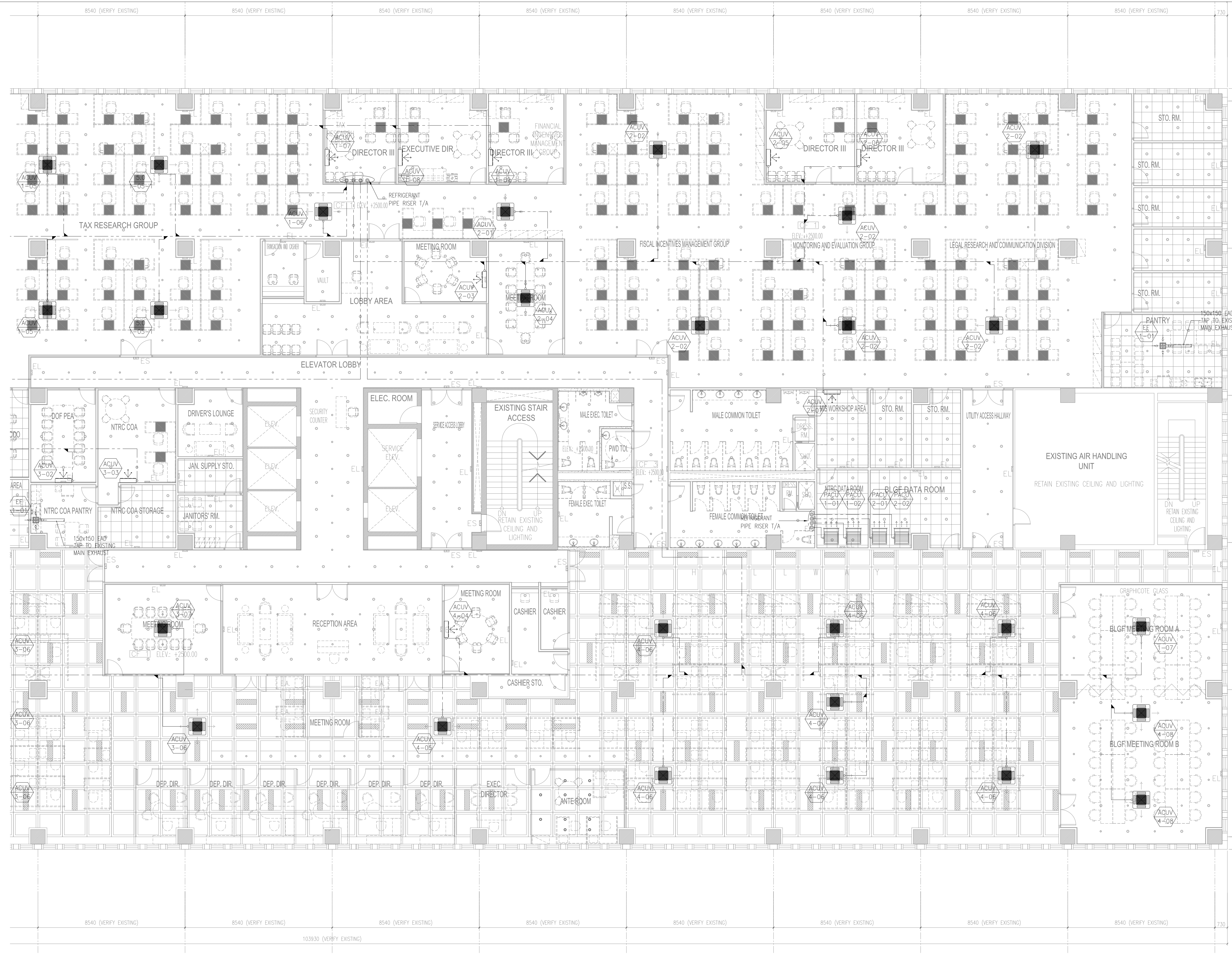
<p>MELITON A. NAGUE PME PRC No. 0004908</p> <p>PTR NO. : 6614910 DATE : JANUARY 04, 2018 ISSUED AT : MAKATI CITY TIN : 912-907-486</p>	<p>THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPTHY S. DEL ROSARIO - REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION.</p> <p>ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.</p> <p style="text-align: right;">REPUBLIC ACT 9266</p>	<p>PROJECT TITLE :</p> <p style="text-align: center;">DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION</p> <p>LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY</p>	<p>OWNER'S REPRESENTATIVE :</p> <p style="text-align: center;">USEC. GIL S BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE</p>	<p>SHEET CONTENT :</p> <p>AIR CONDITIONING LAYOUT SHEET 2 OF 2</p> <p>DRAWN BY : RC CHECKED BY : MAN DESIGNED BY : RC/MAN DATE STARTED: NOVEMBER 2017</p>	<p>APPROVED BY:</p> <p style="text-align: center;">DIR. ALVIN P. DIAZ DIRECTOR IV - CAO</p>	<p>REVISIONS :</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>							<p>SHEET NO.</p> <div style="text-align: center; border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; margin: 0 auto; display: flex; align-items: center; justify-content: center;"> M 3 </div>



SEE DRWG. M-5 FOR CONTINUATION

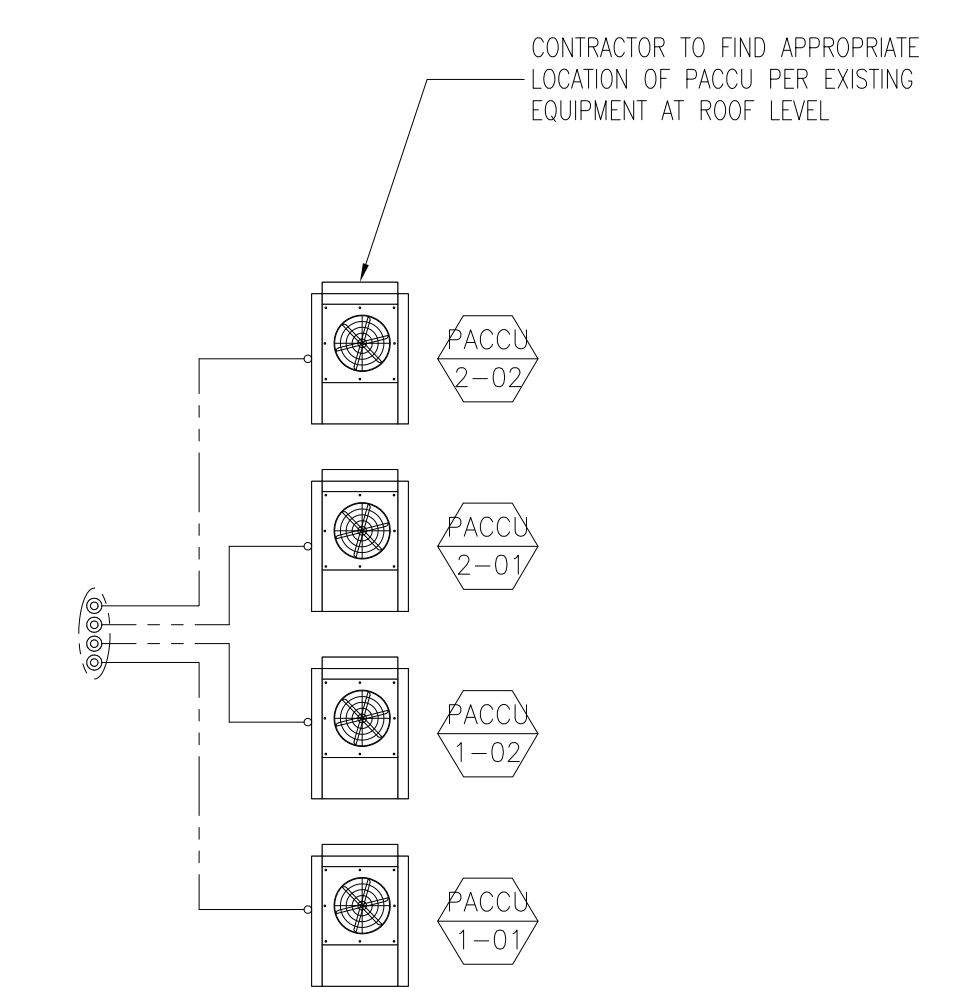
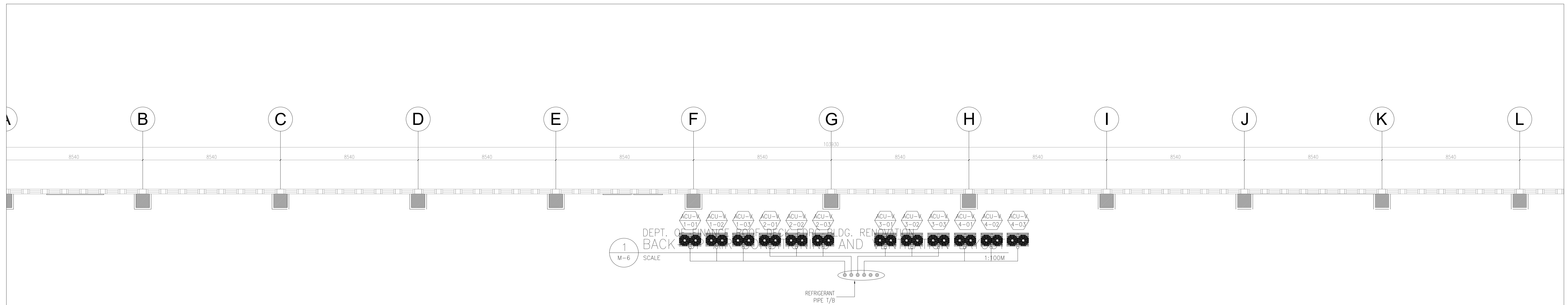
DEPT. OF FINANCE 8TH FLOOR EDPC BLDG. RENOVATION
 BACK-UP AIR CONDITIONING AND VENTILATION LAYOUT
 1
 M-4 SCALE 1:100M

MELITON A. NAGUE PME PRC No. 0004908		PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION		OWNER'S REPRESENTATIVE : USEC. GIL S BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE		SHEET CONTENT : VRV BACK-UP UNIT AIR CONDITIONING LAYOUT SHEET 1 OF 3		APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO		REVISIONS :		SHEET NO. M 4	
PTR NO. : 6614910 ISSUED AT : MAKATI CITY	DATE : JANUARY 04, 2018 TIN : 912-907-486	LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY		DRAWN BY : RC DESIGNED BY : RC/MAN		CHECKED BY : MAN DATE STARTED : NOVEMBER 2017		ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. REPUBLIC ACT 9266		THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPHY S. DEL ROSARIO - REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION.			



DEPT. OF FINANCE 8TH FLOOR EDPC BLDG. RENOVATION
 BACK-UP AIR CONDITIONING AND VENTILATION LAYOUT
 1
 M-5 SCALE 1:100M

MELITON A. NAGUE PME PRC No. 0004908 PTR NO. : 6614910 DATE : JANUARY 04, 2018 ISSUED AT : MAKATI CITY TIN : 912-907-486		THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPTHY S. DEL ROSARIO - REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. REPUBLIC ACT 9266		PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY		OWNER'S REPRESENTATIVE : USEC. GIL S BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE		SHEET CONTENT : VRV BACK-UP UNIT AIR CONDITIONING LAYOUT SHEET 2 OF 3 DRAWN BY : RC CHECKED BY : MAN DESIGNED BY : RC/MAN DATE STARTED : NOVEMBER 2017		APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO		REVISIONS :		SHEET NO. M 5	
---	--	--	--	---	--	---	--	--	--	--	--	-------------	--	-----------------------------------	--



DEPT. OF FINANCE 8TH FLOOR EDCP BLDG. RENOVATION
 LOCATION OF ACCU/PACCU AT ROOF LEVEL
 1:100M SCALE

MELITON A. NAGUE PME PRC No. 0004908 PTR NO. : 6614910 DATE : JANUARY 04, 2018 ISSUED AT : MAKATI CITY TIN : 912-907-486	THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPTHY S. DEL ROSARIO - REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	OWNER'S REPRESENTATIVE : USEC. GIL S BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE	SHEET CONTENT : LOCATIONS OF ACCU/PACCU AT ROOF LEVEL	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO	REVISIONS :	SHEET NO. M 6
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : RC CHECKED BY : MAN DESIGNED BY : RC/MAN DATE STARTED: NOVEMBER 2017	REVISIONS :	SHEET NO.		



CONTROL/BMS NOTES

1. ALL LOCAL THERMOSTAT SHALL BE WIRED CONNECT TO INDOOR UNIT. WIRELESS REMOTE IS NOT ADVISABLE.
2. PROVIDE ALL CONTROL DEVICES AND CONNECT TO BMS FOR ALL UNITS. BMS IS OPTIONAL. PROVIDED THIS IS PART OF THE SCOPE OF WORK.
3. PROVIDE DIRECT DIGITAL CONTROLLER FOR EACH UNIT.
4. CONTROLLER AND WIRING TO AND FROM UNIT SHALL BE LISTED FOR FIRE ALARM SERVICE.
5. CONTROL DIAGRAM APPLICABLE TO OTHER AREAS WITH SIMILAR SCHEME.
6. FULL COMMUNICATION TO BMS VIA OPEN PROTOCOL (BACKNET). ALL READINGS TO BE READABLE ON BMS. ALL NECESSARY INTERFACE EQUIPMENT TO BE INCLUDED ON FINAL EQUIPMENT SELECTION BY THE CONTRACTOR.
7. NUMBER OF INPUT AND OUTPUT POINTS MAY VARY DEPENDING ON THE NUMBERS OF RELATED EQUIPMENT. BMS CONTRACTOR TO PRESENT THE NUMBER OF POINTS TO BE FINALIZED BY THE CONSULTANT AND CLIENTS.
8. ALL DDC TO BE PROVIDED BY BMS CONTRACTOR.
9. CONTROL INTERPHASE MODULE FOR VRF/VRF SHALL BE PROVIDED BY MECHANICAL CONTRACTOR.
10. PROVIDE REFRIGERANT ISOLATION VALVE TO EACH INDOOR UNIT AND AIR HANDLING UNIT FOR EASE OF MAINTENANCE.

1 VRF REFRIGERANT PIPE SCHEMATIC DIAGRAM
M-7 SCALE NTS

MELITON A. NAGUE PME PRC No. 0004908 PTR NO. : 6614910 DATE : JANUARY 04, 2018 ISSUED AT : MAKATI CITY TIN : 912-907-486		THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPHY S. DEL ROSARIO REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION. ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE. REPUBLIC ACT 9266		PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY		OWNER'S REPRESENTATIVE : USEC. GIL S BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE		SHEET CONTENT : VRF SCHEMATIC DIAGRAM DRAWN BY : RC CHECKED BY : MAN DESIGNED BY : RC/MAN DATE STARTED : NOVEMBER 2017		APPROVED BY : DIR. ALVIN P. DIAZ DIRECTOR IV - CAO		REVISIONS : <table border="1"> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> <tr><td> </td><td> </td></tr> </table>												SHEET NO. <div style="border: 2px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">M</div> <div style="font-size: 24px; font-weight: bold;">7</div> </div>	

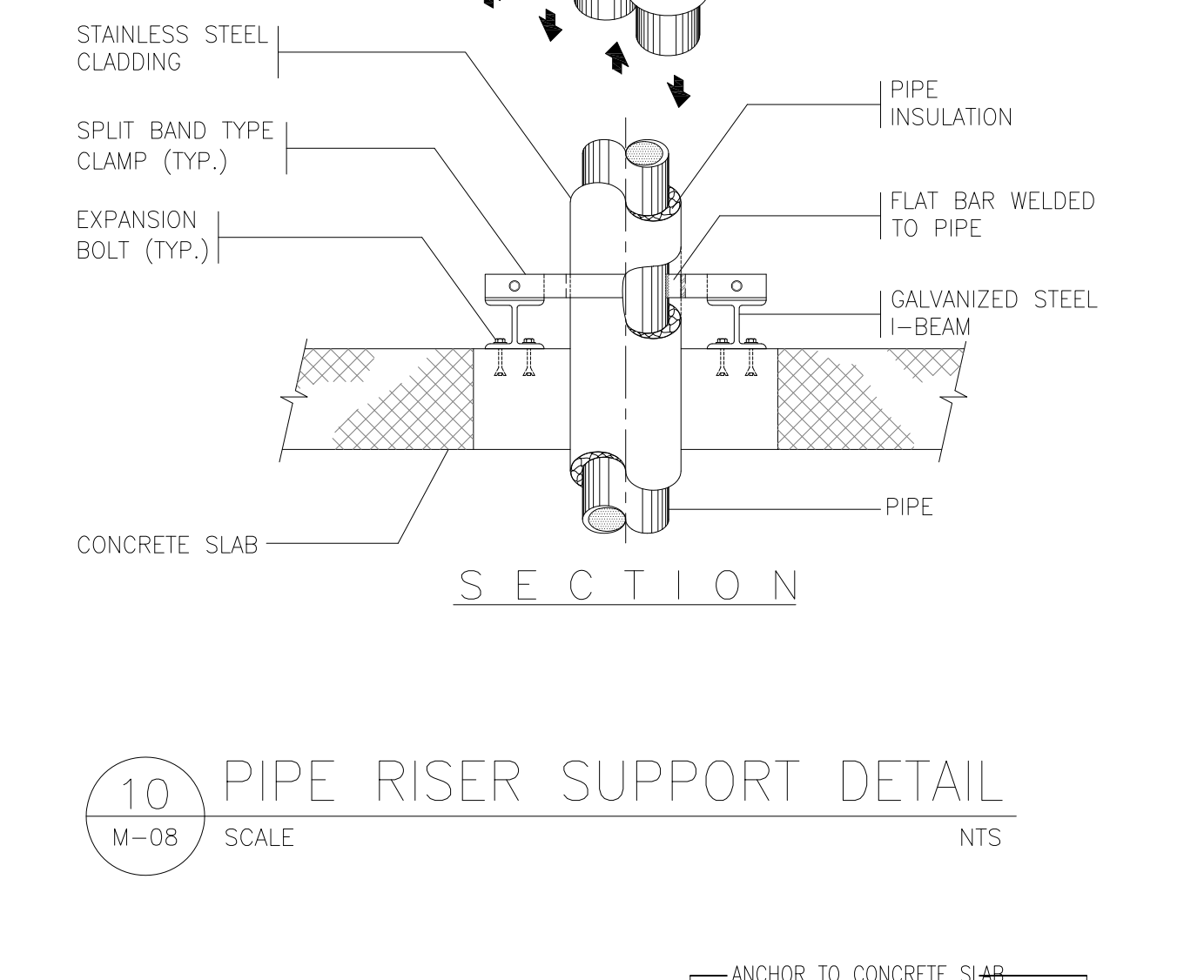
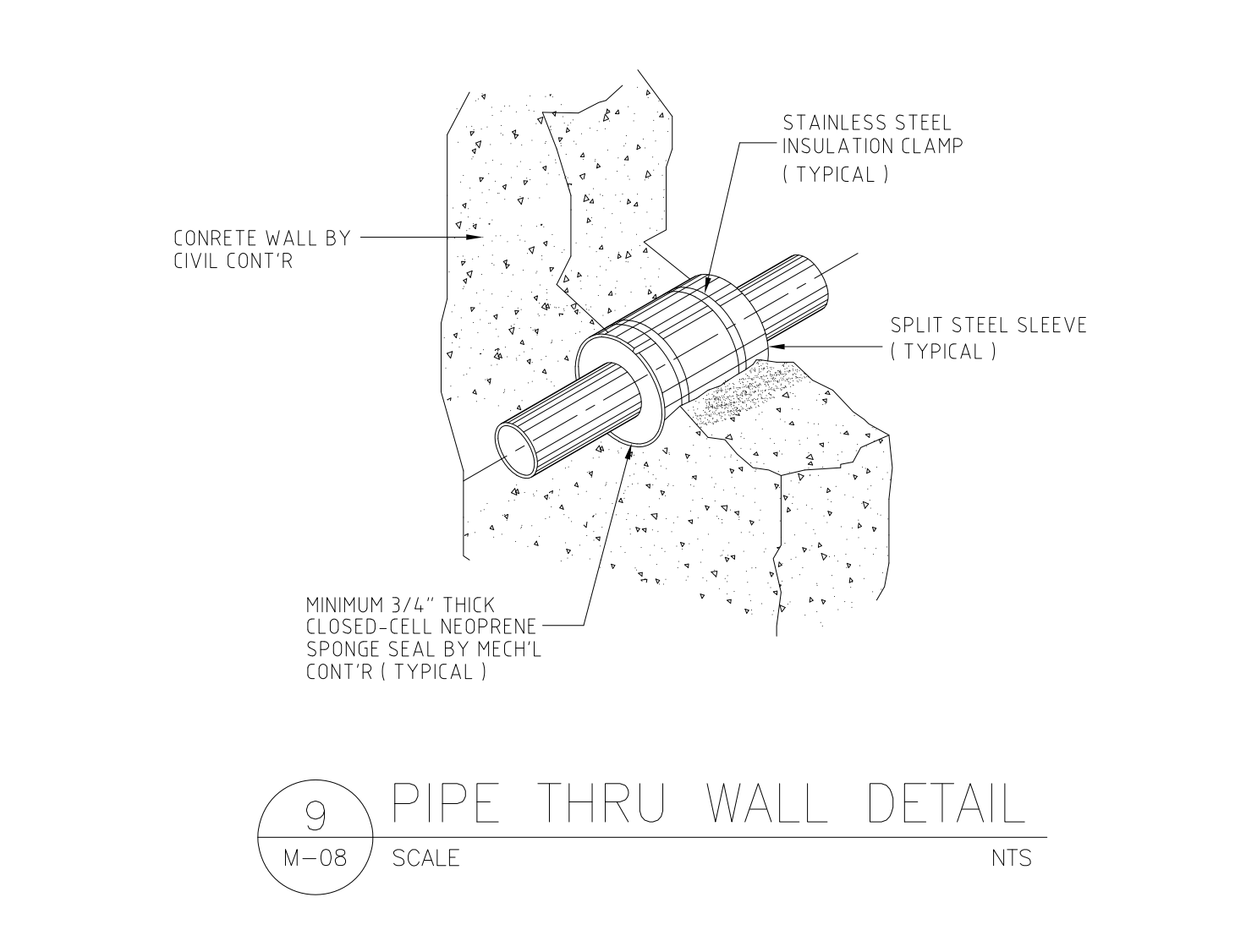
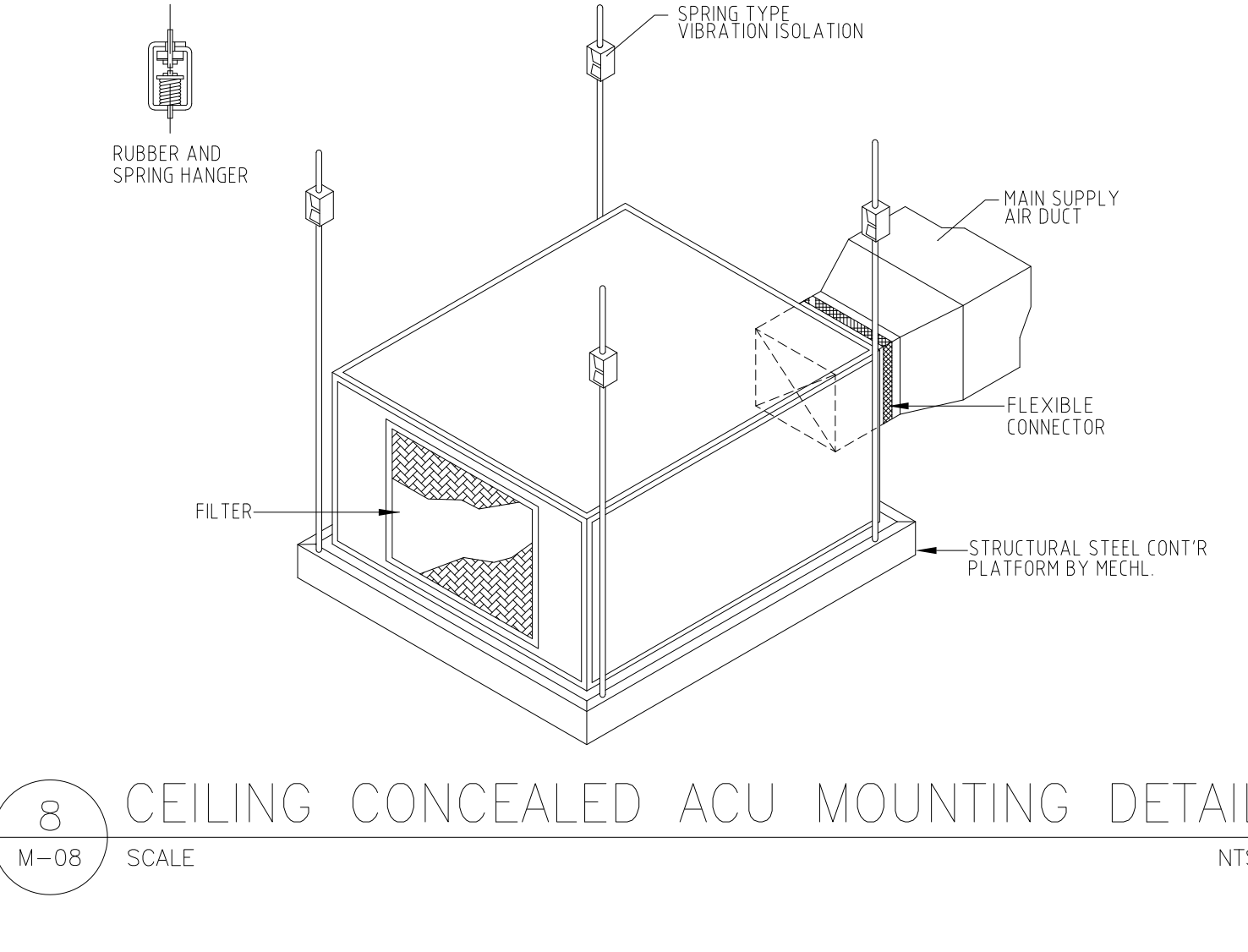
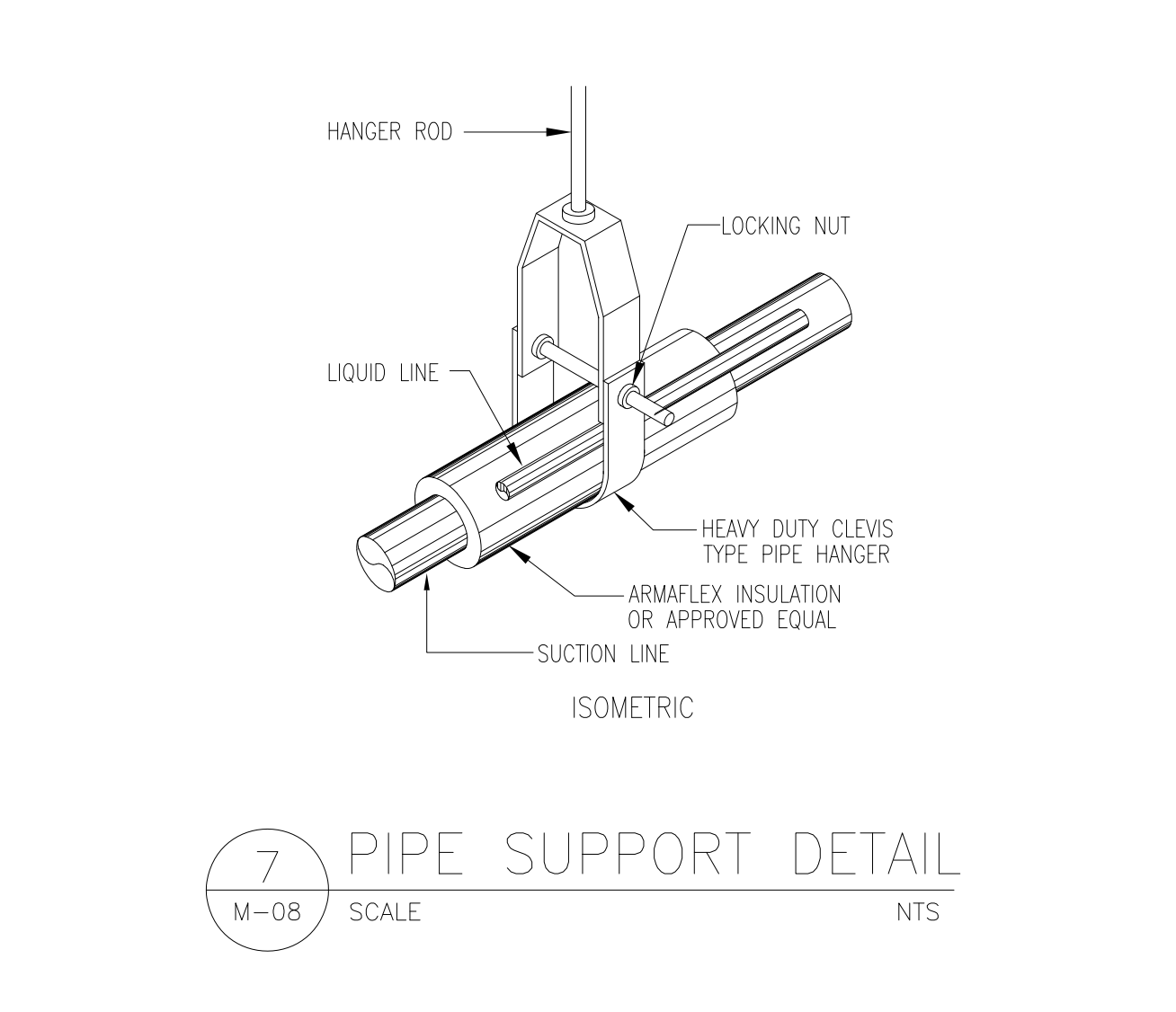
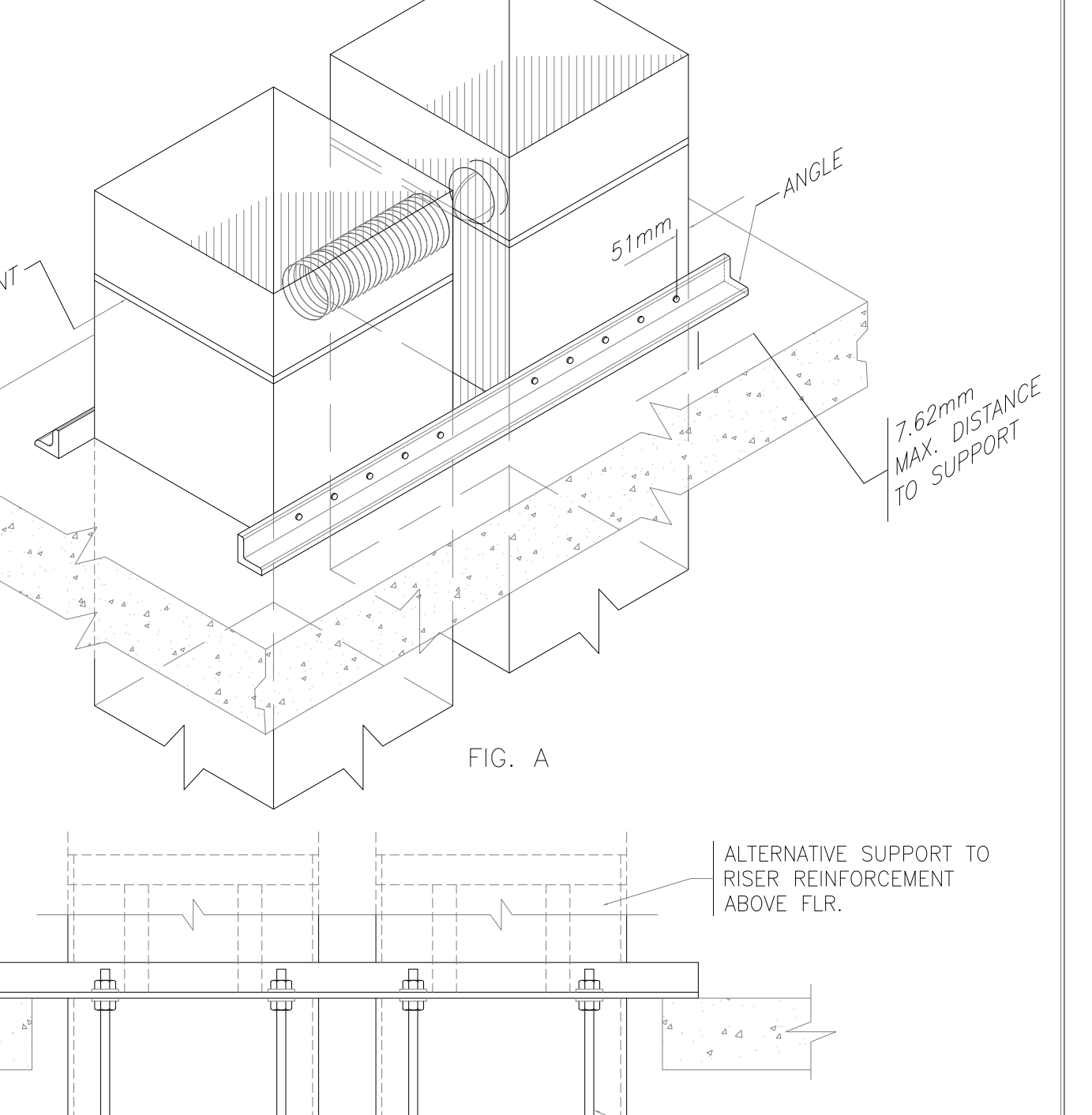
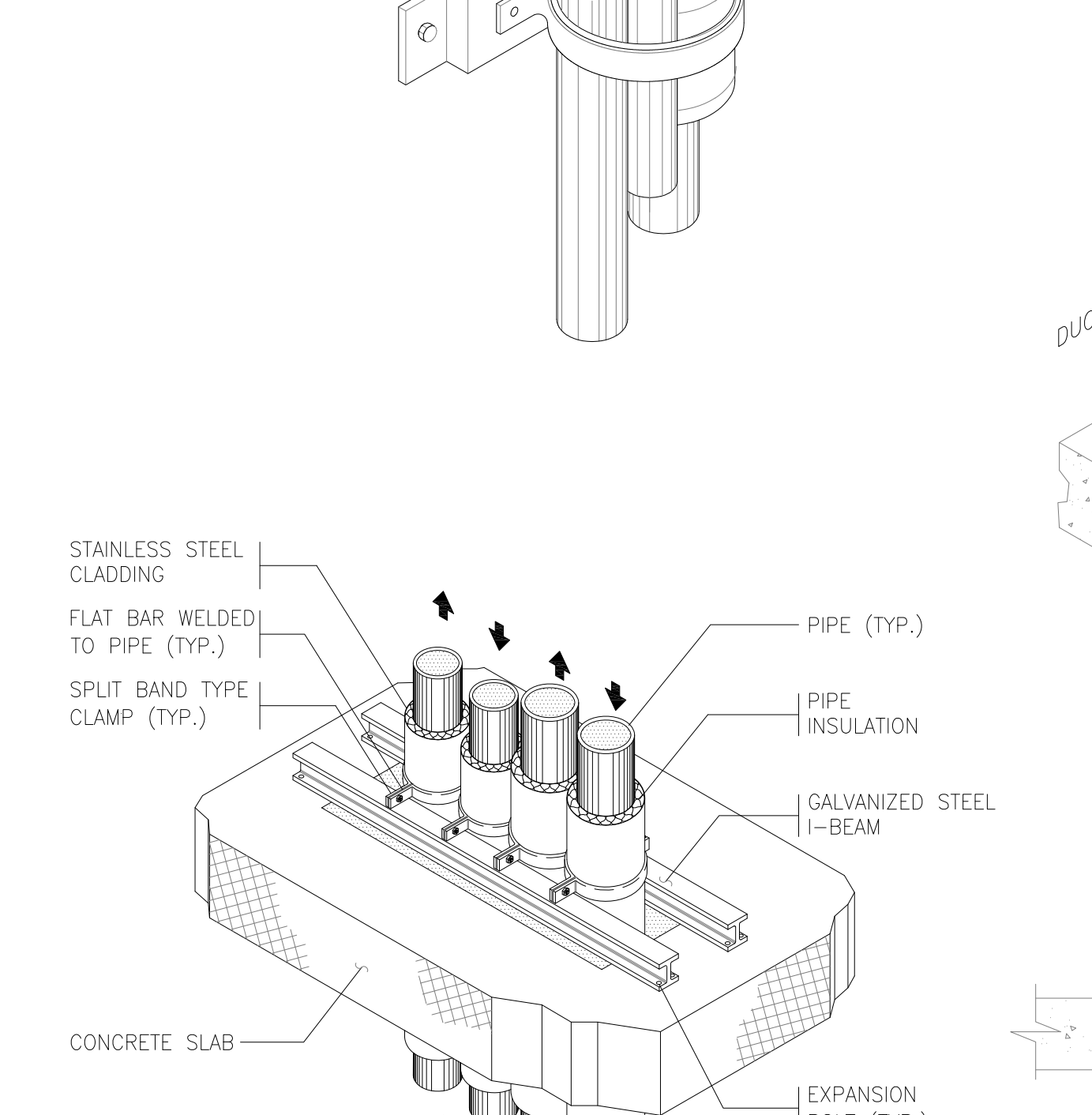
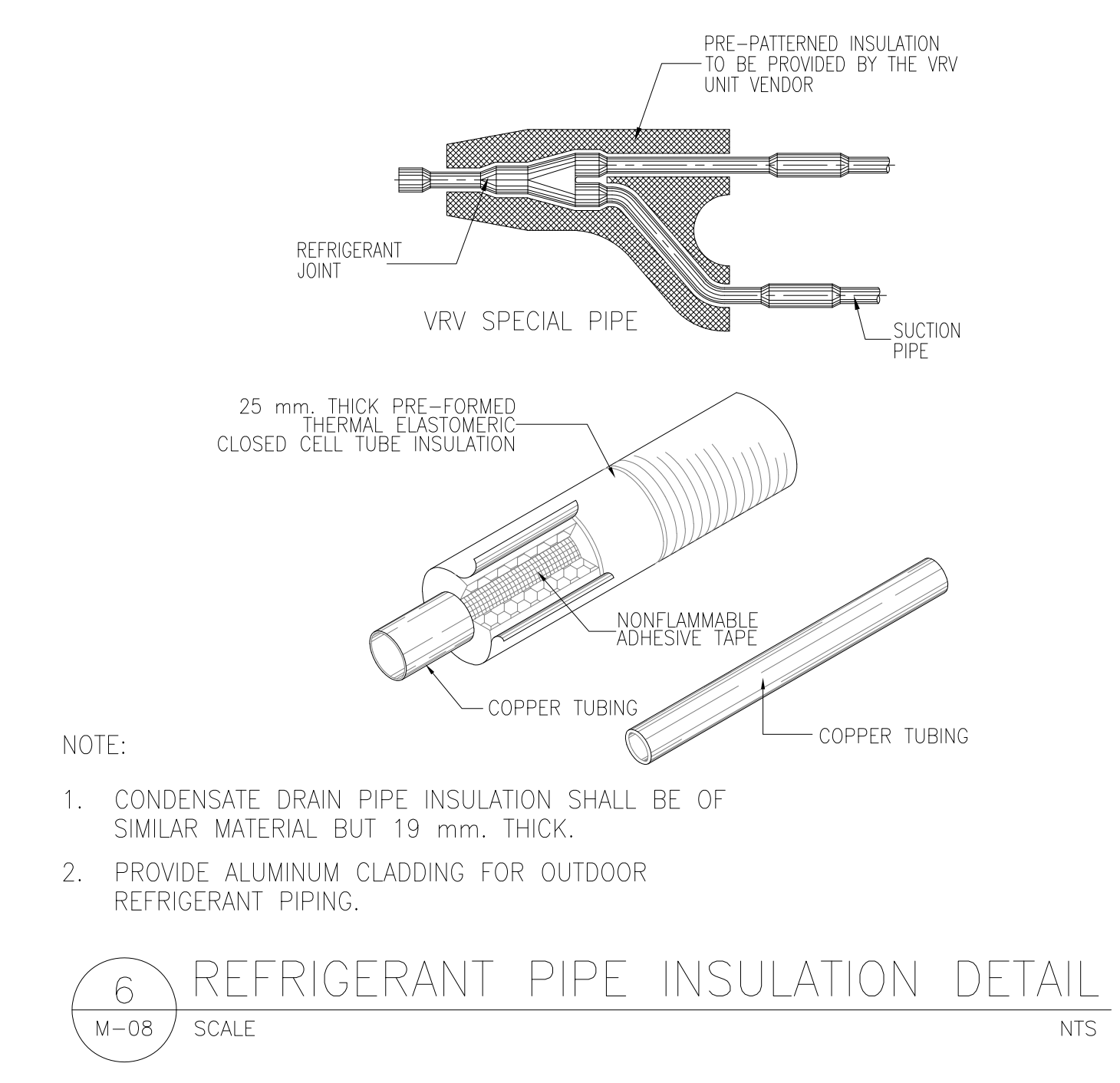
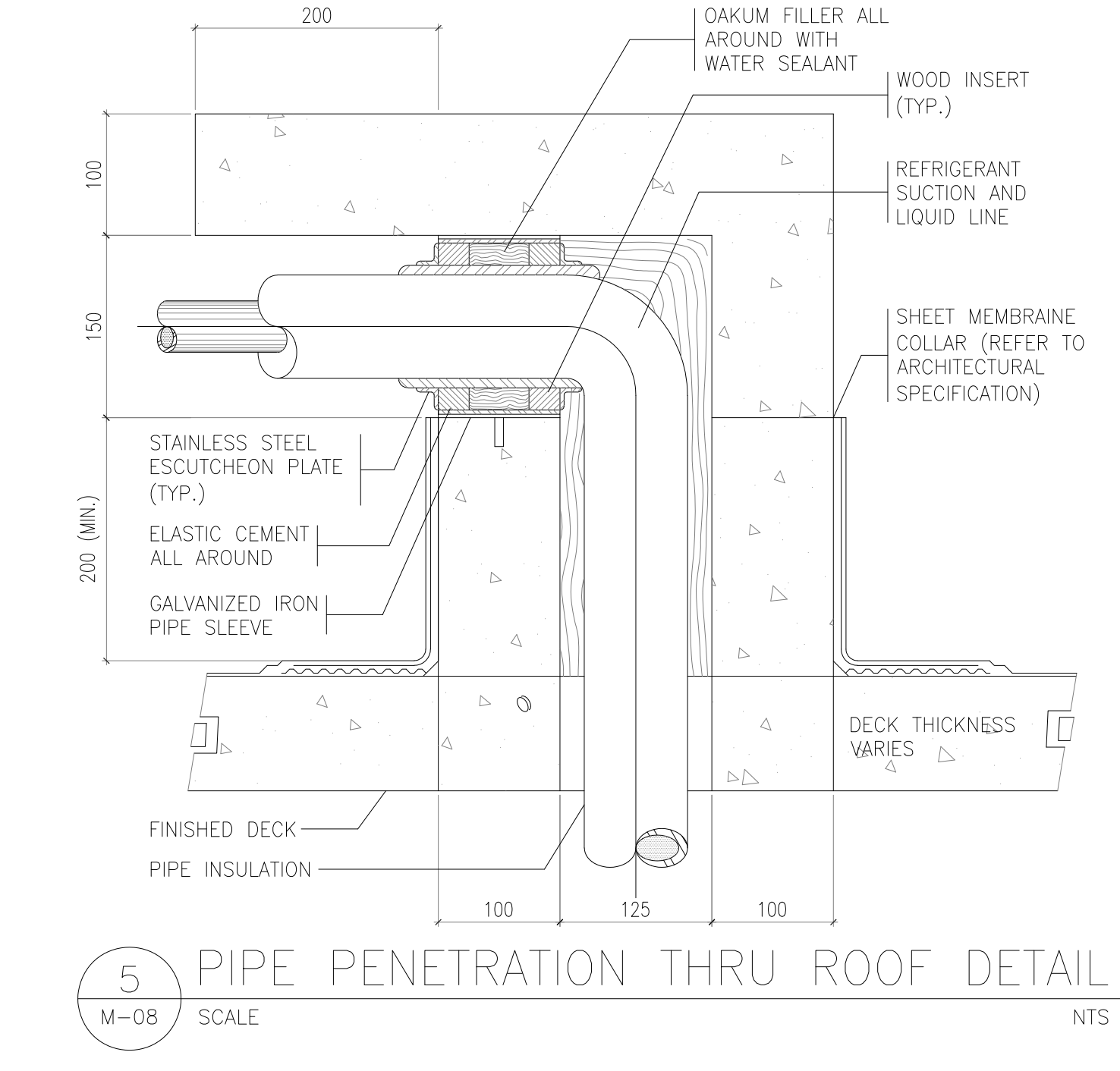
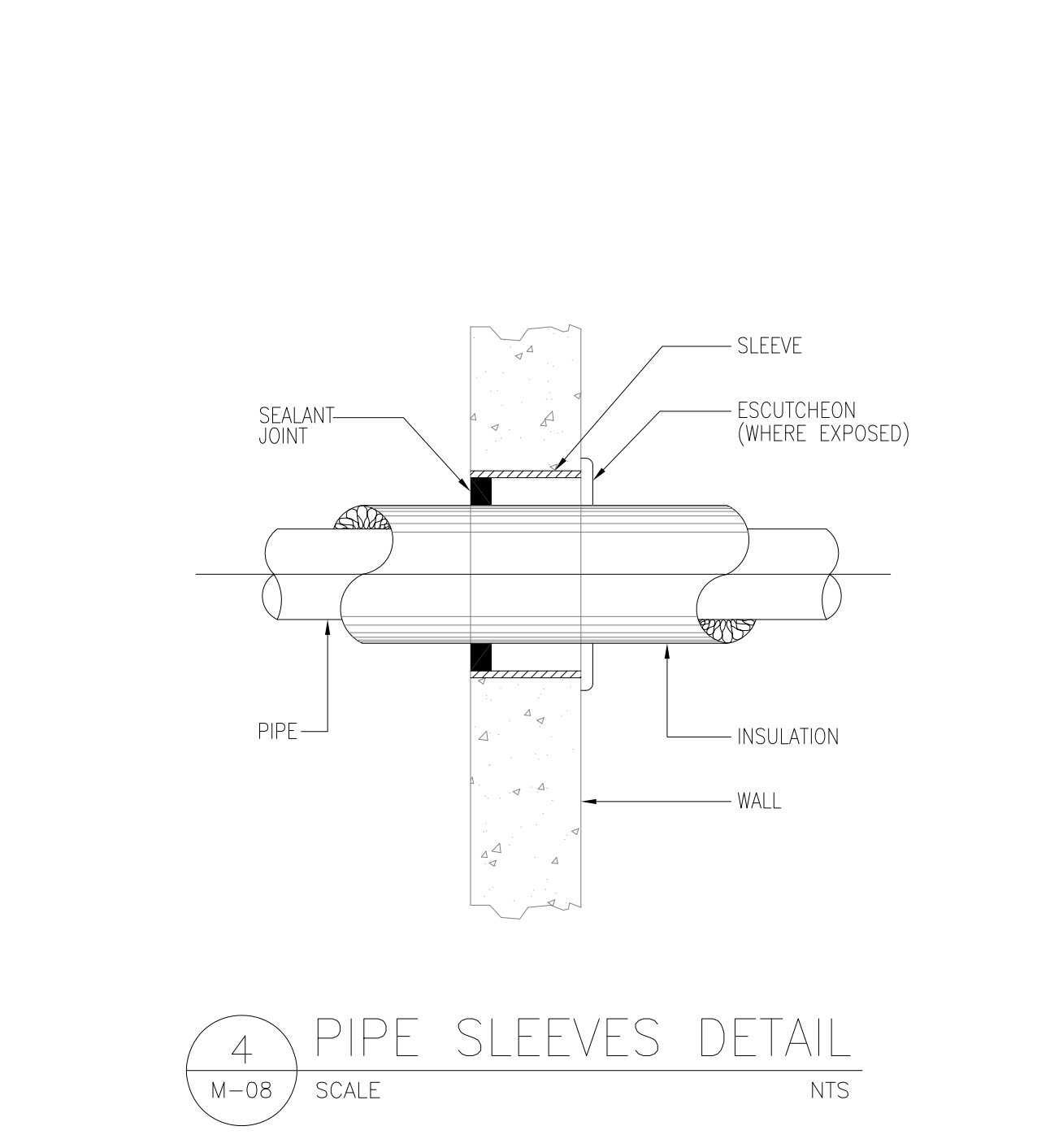
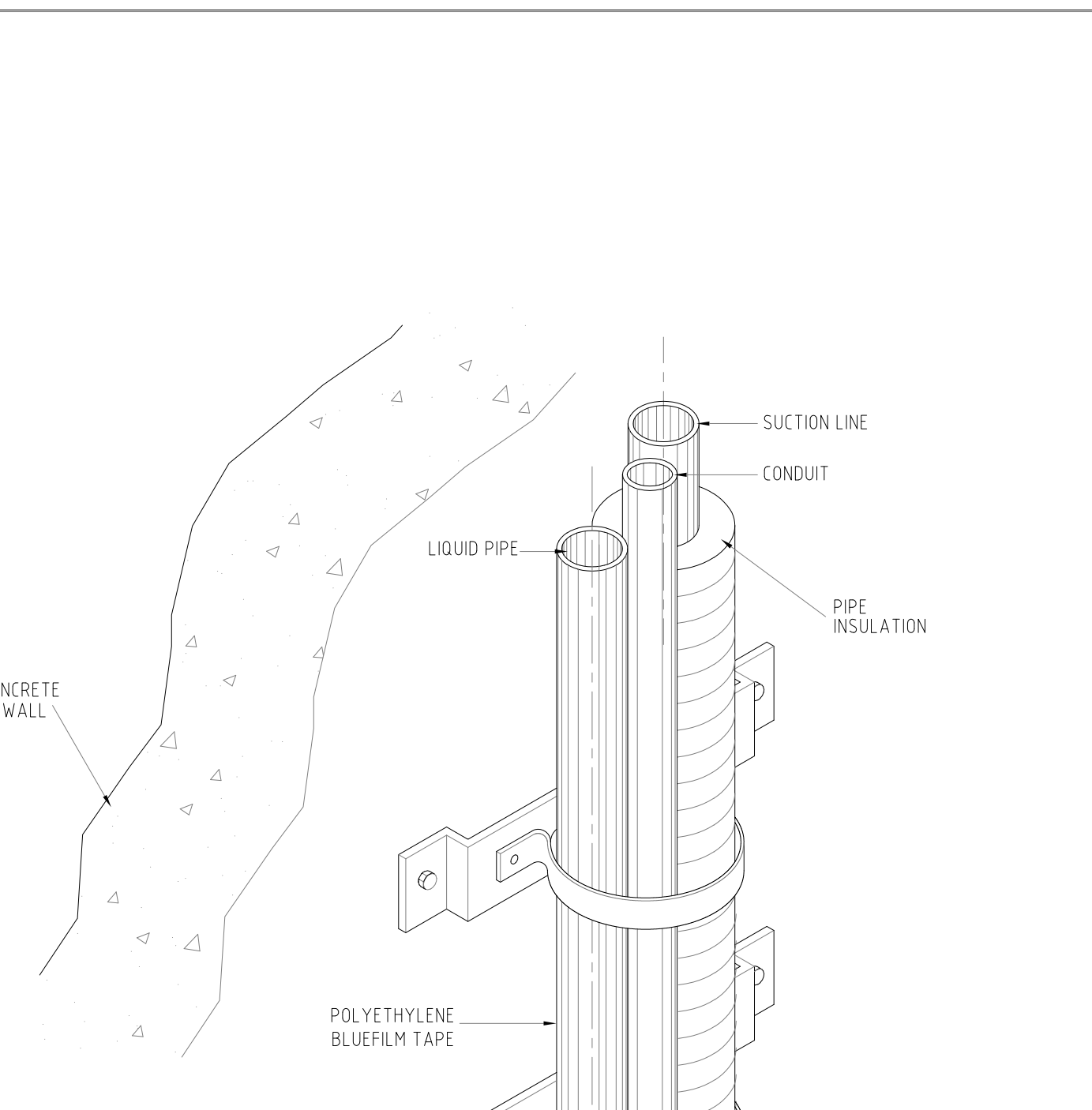
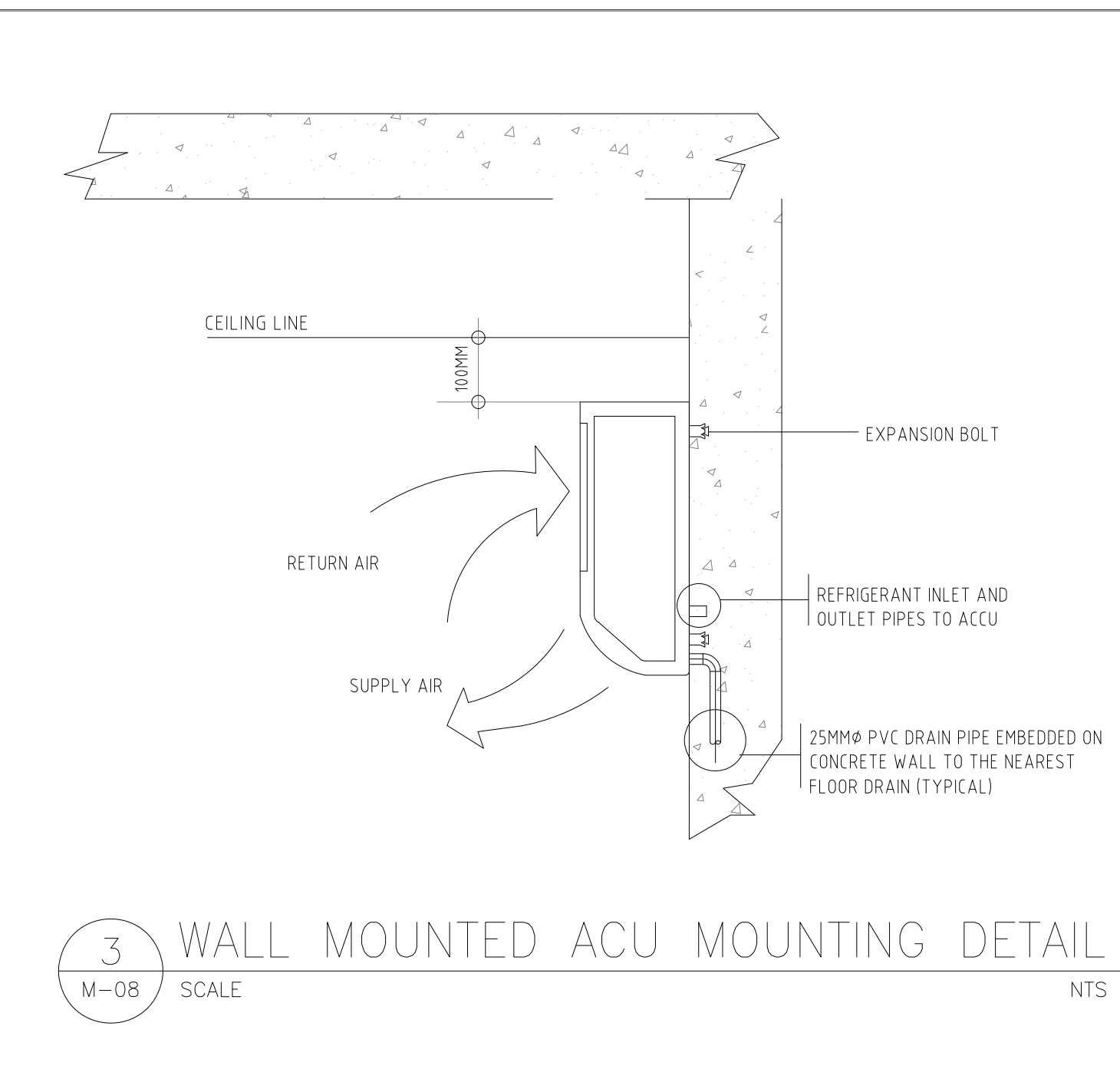
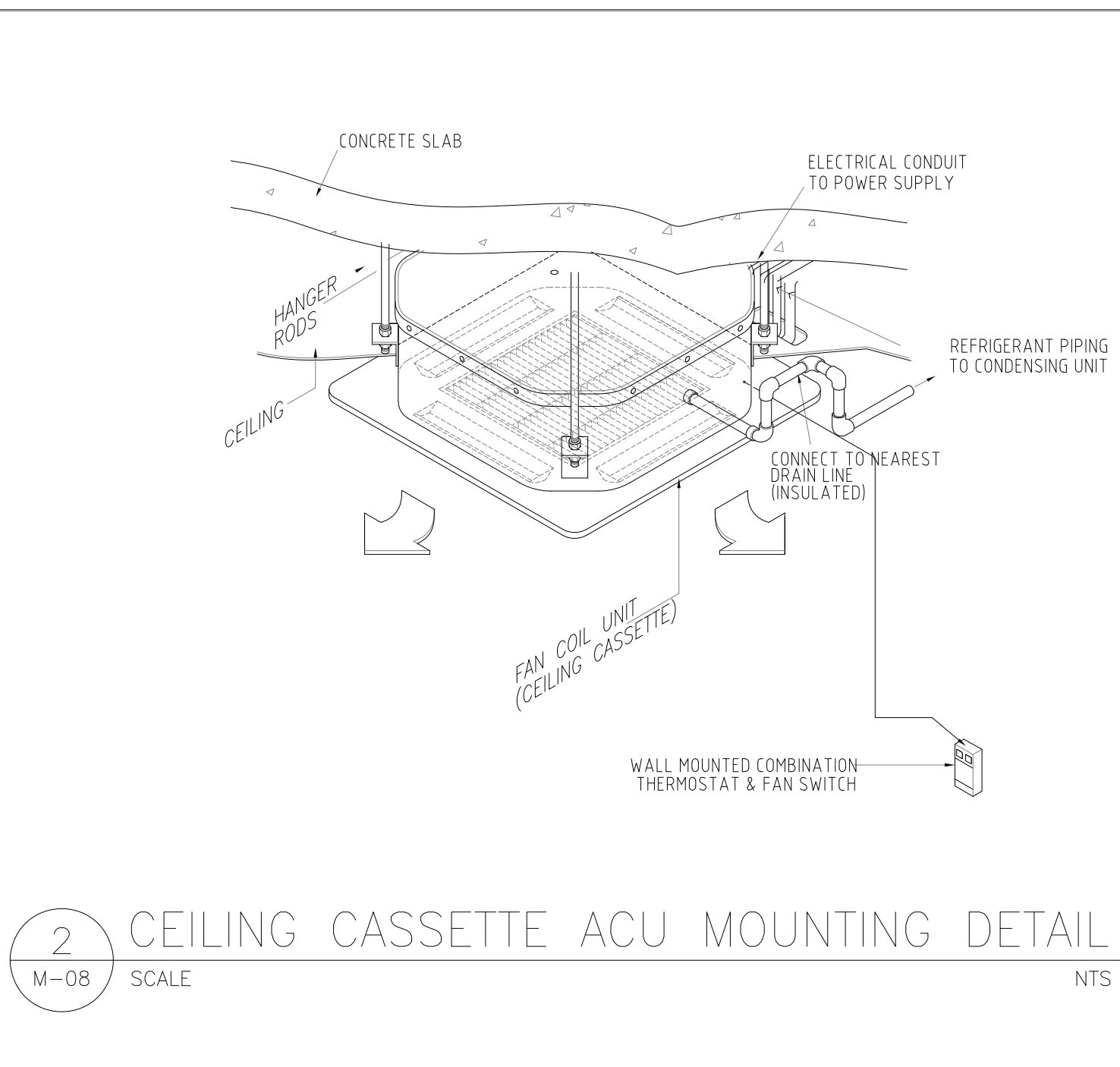
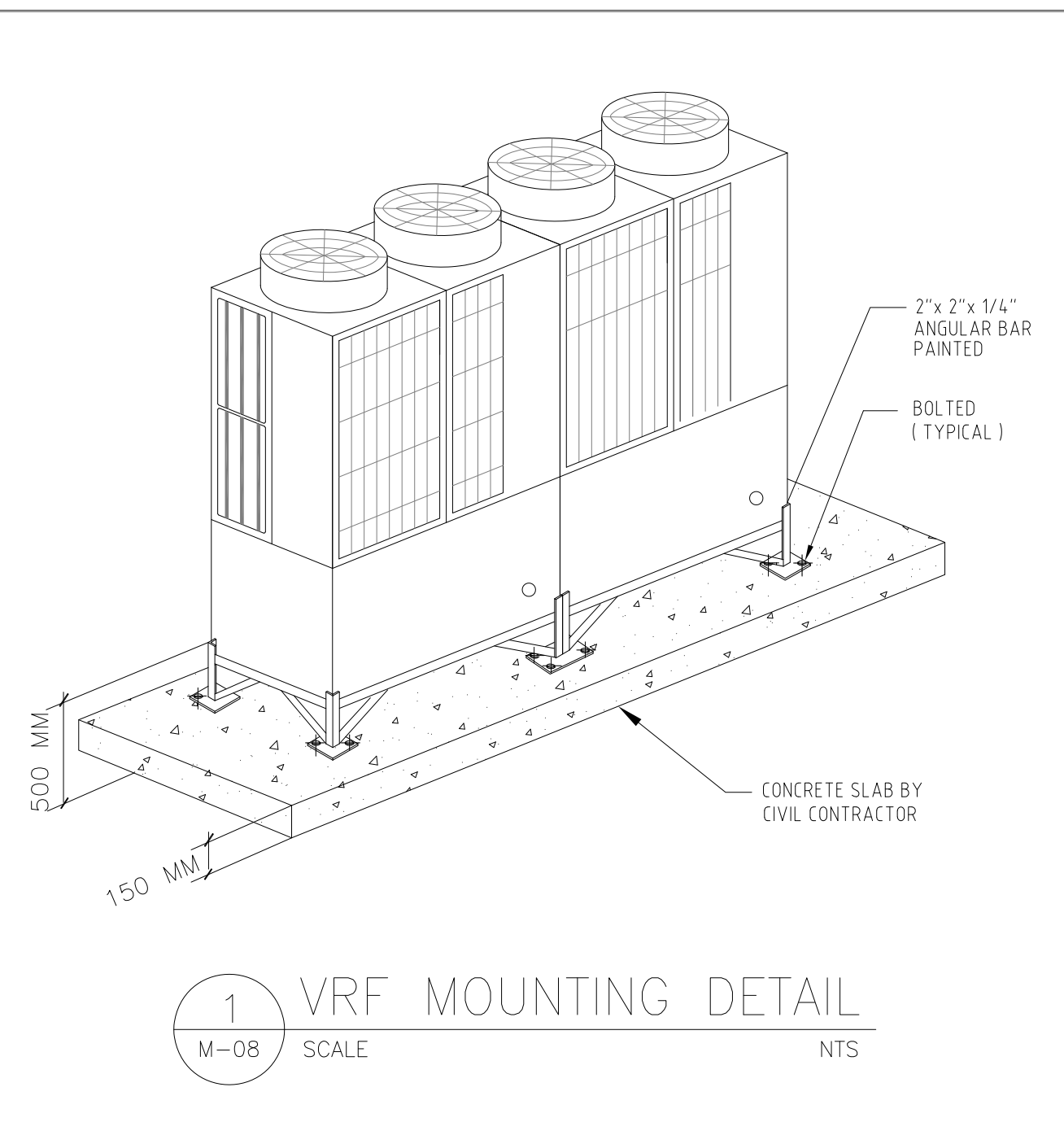


FIG. B

LARGEST DUCT DIM.	MINIMUM NUMBER OF FASTENERS
406mm AND DOWN	2
432mm - 610mm	3
OVER 610mm	LARGEST DUCT DIM. DIVIDED BY 8

LOCATE A FASTENER WITHIN 51mm OF THE DUCT EDGES. LOCATE OTHERS AT EVENLY SPACED INTERVALS. SEE TABLE 4-4 ON PAGE 4-16.

SUGGESTED SIZING FOR SUPPORT OF 3.7m OF DUCT

DUCT SIZE	ANGLE
914x457mm	38.1x38.1x3.2mm
1219x610mm	38.1x38.1x3.2mm
1524x762mm	38.1x38.1x4.8mm
1524x1524mm	38.1x38.1x6.4mm OR 51x51x3.2mm

OVER 1524mm—INCREASE ANGLE SIZE AS REQUIRED FOR SPACE & DUCT SIZE

SCHEDULE OF GALVANIZED STEEL GAUGES FOR RECTANGULAR DUCT (EXPOSED TO WEATHER)

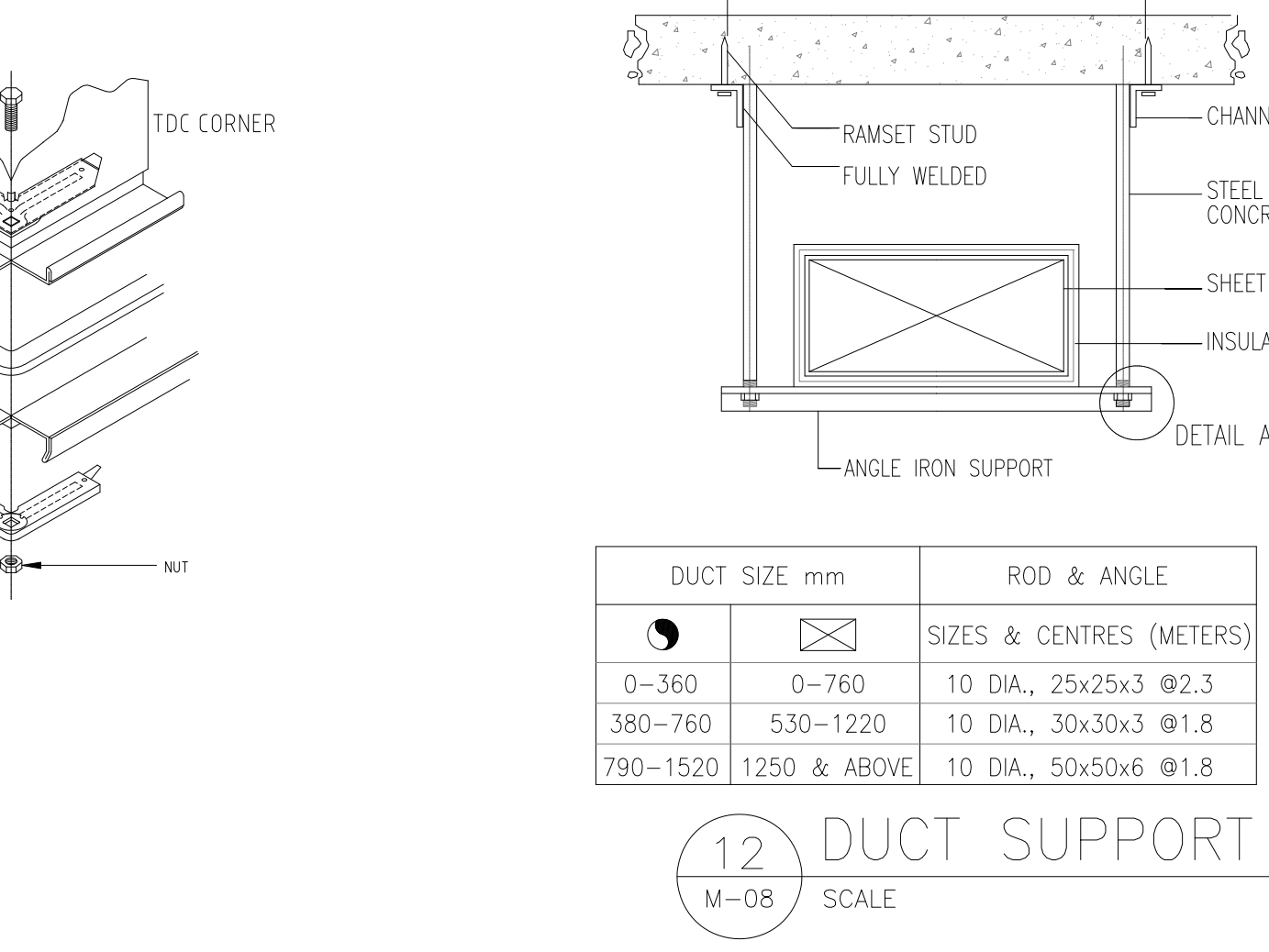
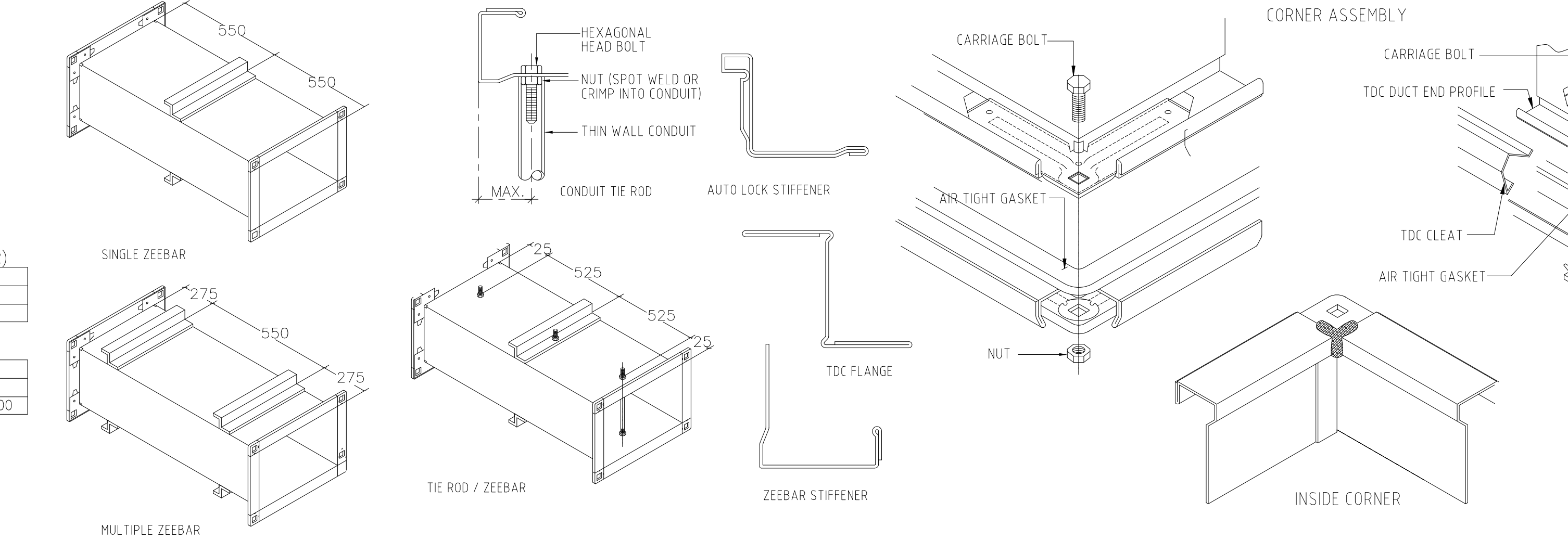
STATIC PRESSURE RANGE (Pa)	PRESSURE CLASS	#26	#18	#16
UP TO ± 500 Pa	LOW	up to 600	600 to 1200	1200 and Larger

SCHEDULE OF GALVANIZED STEEL GAUGES FOR RECTANGULAR DUCT (INDOOR)

STATIC PRESSURE RANGE (Pa)	PRESSURE CLASS	#26	#24	#20	#18
UP TO ± 500 Pa	LOW	up to 300	325 - 750	775 - 1350	1375 - 2100 Above 2100

NOTE: FOR KITCHEN EXHAUST DUCT USE B.I. SHEET GA. 16, WELDED JOINTS.

11 DUCT CONSTRUCTION DETAIL
M-08 SCALE NTS



DUCT SIZE mm	ROD & ANGLE
0-360	10 DIA., 25x25x3 @2.3
380-760	10 DIA., 30x30x3 @1.8
790-1520	1250 & ABOVE 10 DIA., 50x50x6 @1.8

MELITON A. NAGUE
PME PRC No. 0004908

PTR NO.: 6614910 DATE: JANUARY 04, 2018
ISSUED AT: MAKATI CITY TIN: 912-907-486

THIS DRAWING IS AN INSTRUMENT OF SERVICE AND A PROPERTY OF NEPHY S. DEL ROSARIO - REGISTERED ARCHITECT & SUCH MUST NOT BE REPRODUCED OR COPIED IN PART OR IN WHOLE WITHOUT HIS PERMISSION.

ALL DRAWINGS ARE TO BE RETURNED WHEN NO LONGER IN USE.

REPUBLIC ACT 9266

PROJECT TITLE: DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION

LOCATION: EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY

OWNER'S REPRESENTATIVE: USEC. GIL S BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE

SHEET CONTENT: MISCELLANEOUS DETAILS

DRAWN BY: RC CHECKED BY: MAN
DESIGNED BY: RC/MAN DATE STARTED: NOVEMBER 2017

APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO

REVISIONS:

SHEET NO. M 8

1 GENERAL NOTES & SPECIFICATIONS
E-01

- ALL ELECTRICAL WORK SHALL CONFORM TO THE LATEST EDITION THE PHILIPPINE ELECTRICAL CODE, TO THE RULES AND REGULATIONS OF LOCAL AND NATIONAL AUTHORITIES CONCERNED AND THE REQUIREMENTS OF LOCAL UTILITY COMPANIES.
- WIRING METHOD SHALL BE AS FOLLOWS:
 - ALL CONDUIT EMBEDDED IN CONCRETE SHALL BE POLYVINYL CHLORIDE CONDUIT AND ALL EXPOSED CONDUIT SHALL BE ELECTRICAL METALLIC CONDUIT (EMT) WITH 50MMØ. GREATER THAN 50MMØ USED INTERMEDIATE METALLIC CONDUIT (IMC).
- MINIMUM SIZE OF WIRE AND CONDUIT SHALL BE 3.5mm THHN AND 25MM (1/2") NOMINAL DIA. RESPECTIVELY, UNLESS OTHERWISE SPECIFIED ON PLANS.
- NO BRANCH CIRCUIT WIRING IN LIGHTING AND POWER SHALL HAVE A LOAD MORE THAN 80% OF ITS RATING.
- LIGHT CONTROL SWITCHES SHALL BE RATED 16 AMPERES, 230 VAC.
- UNLESS OTHERWISE SPECIFIED PULLBOXES OR JUNCTION BOXES SHALL BE PROVIDED WHENEVER REQUIRED AND NECESSARY, ALTHOUGH SUCH BOXES ARE NOT INDICATED ON PLANS.
- FOR EACH SPARE CIRCUIT IN PANELBOARD, PROVIDE AN EMPTY CONDUIT 20MM (3/4") DIA. TERMINATING TO A COVERED SQUARE BOX.
- ALL MATERIALS AND EQUIPMENT TO BE USED SHALL BE BRAND NEW AND OF APPROVED TYPE FOR BOTH LOCATION AND PURPOSES.
- ALL METAL FRAMES SHALL BE PROPERLY AND ADEQUATELY GROUNDED. GROUND WIRE SHALL BE PROVIDED ON ALL EQUIPMENT FEEDER.
- MOUNTING HEIGHTS SHALL BE AS FOLLOWS:

a. LIGHT SWITCHES	_____	1.40m ABOVE FLOOR FINISH (A.F.F.)
b. RECEPTACLES	_____	0.30m A.F.F., UNLESS NOTED OTHERWISE
c. PANELBOARDS	_____	1.80m CENTER OF MAIN BREAKER
d. TEL/ LAN/ CATV OUTLET	_____	0.30m A.F.F., UNLESS NOTED OTHERWISE
e. EMERGENCY LIGHT OUTLET	_____	2.20m A.F.F.
- THE JOB SHALL BE EXECUTED IN THE MOST THROUGH PROMPT AND WORKMAN LIKE MANNER, EMPLOYING STANDARD TOOLS, EQUIPMENT, METHODS AND GOOD ENGINEERING PRACTICES. THE JOB SHALL BE DONE COMPLETE IN ALL ASPECTS AS REQUIRED IN PLANS AND SPECIFICATIONS AND READY FOR OPERATION.

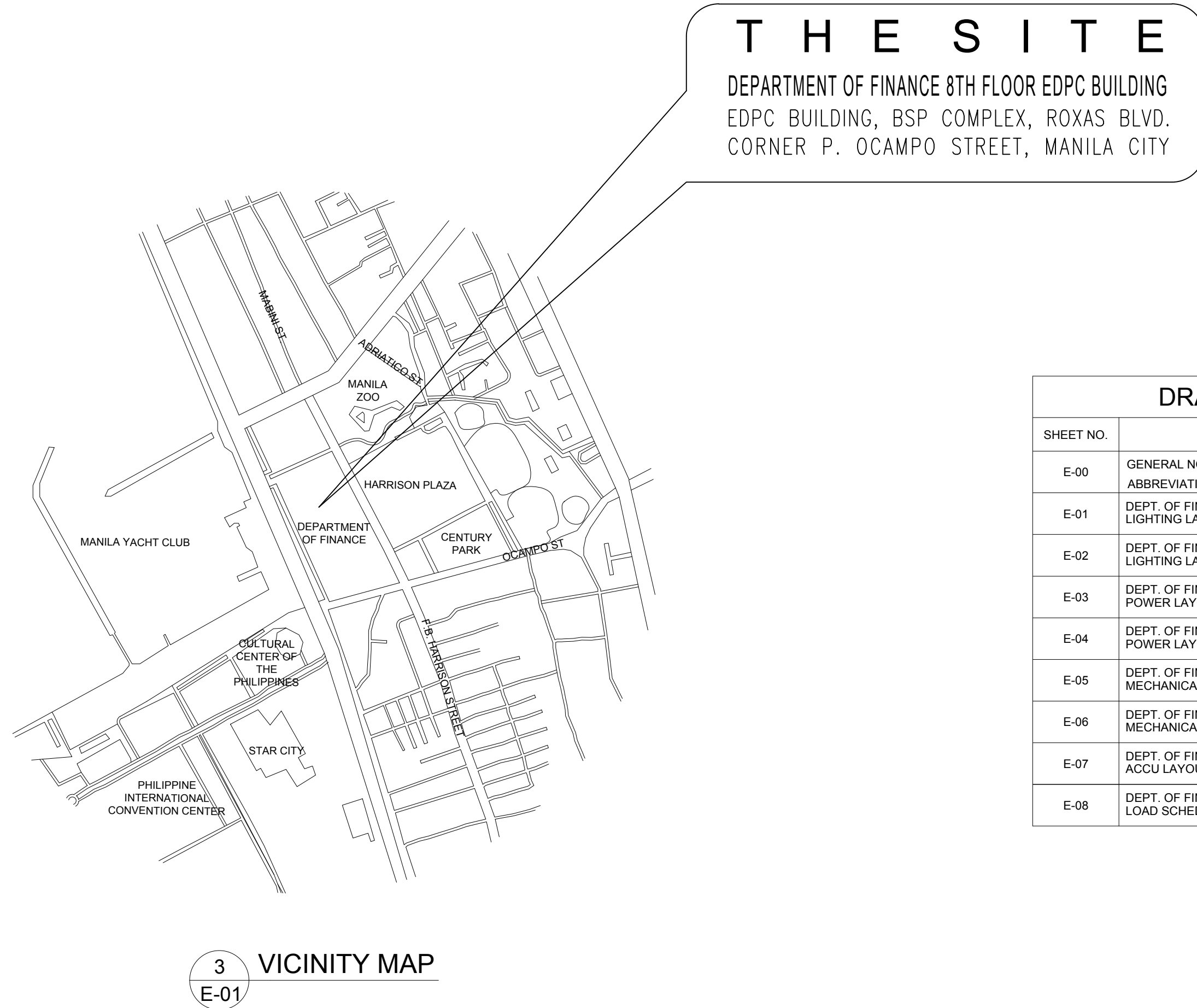
- ALL EQUIPMENT WIRE, ROYAL CORDS, SPECIAL TYPE PLUGS AND RECEPTACLE AS REQUIRED SHALL BE PROVIDED BY THE ELECTRICAL CONTRACTOR.
- ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR THE PROPER IDENTIFICATION AND LABELING OF ALL CIRCUIT BREAKER. EACH PANEL WILL BE PROVIDED WITH A TYPEWRITTEN CIRCUIT DIRECTORY.
- THE DRAWING AND SPECIFICATIONS ARE INTENDED TO PRESENT A GENERAL LAYOUT AND BROAD OUTLINE AND DESCRIPTION OF THE PROJECT AND NOT NECESSARY INDICATE, DESCRIBED ACTUAL LOCATION LEVELS AND DISTANCES OF EQUIPMENT. THE CONTRACTOR IS HEREBY REQUIRED TO MAKE ADJUSTMENT AT THE JOBSITE AS LOCATIONS, LEVELS AND DISTANCES ARE GOVERNED BY ACTUAL FIELD CONDITIONS.
- WIRES SHALL BE COLOR CODED AT VOLTAGE 480/230V :

PHASE A ---- BROWN	PHASE C ---- YELLOW	GROUND ---- GREEN
PHASE B ---- ORANGE	NEUTRAL ---- GREY	
- NO REVISION IN THE DESIGN SHALL BE DONE WITHOUT THE PRIOR KNOWLEDGE AND APPROVAL OF THE DESIGNER AND THE OWNER. ANY SUCH REVISION DONE WITHOUT THE APPROVAL SHALL CAUSE RESPONSIBILITY OF THE DESIGNER TO CEASE AS A WHOLE.
- ALL WEATHER-EXPOSED INSTALLATIONS SHALL USE WEATHERPROOF TYPE MATERIALS, ESPECIALLY WEATHERPROOF CONVENIENCE OUTLET, CAST-BOXES, JUNCTION BOXES SUBMIT SAMPLE FOR APPROVAL.
- ALL 20-AMPERES CIRCUIT HOMERUN TO PANELBOARD MORE THAN 30 METERS IN LENGTH SHALL BE 5.5mm THHN (#10 AWG), UNLESS OTHERWISE SPECIFIED ON PLANS.
- THERE SHALL BE ONLY ONE SERVICE DROP TO THE PROPOSED BUILDING. SECONDARY SERVICE ENTRANCE SHALL BE 480 VOLTS, THREE-PHASE, 3-WIRE + GROUND, 60Hz.
- ALL BUSBAR SHALL HAVE A HEAT SHRINKABLE TYPE INSULATION, AND BUSBAR SHALL BE FULLY-TIN PLATED.
- ALL PULLBOXES, PANELBOARD SHALL BE POWDER COATED BEIGE COLOR, AND USED SIS CABLE FOR THE CONTROL WIRE OF SWITCHBOARD.
- ALL ELECTRICAL WORKS SHALL BE DONE UNDER THE DIRECT SUPERVISION OF A DULY LICENSED ELECTRICAL ENGINEER AND / OR MASTER ELECTRICIAN.

ELECTRICAL ABBREVIATIONS			
WHERE ABBREVIATIONS ARE USED IN THE DOCUMENTS AND NOT LISTED IN THE FOLLOWING, REFER TO ANSHWEE STANDARD 100, AND FOR MECHANICAL EQUIPMENT REFER TO THE MECHANICAL SYSTEMS ABBREVIATIONS SCHEDULE.			
A	AMPERE	LTG	LIGHTING
AF	ABOVE FINISHED FLOOR	M	METER
ARMC	ACTIVE-REACTIVE METERING CABINET	MCM	THOUSAND CIRCULAR MILS
AFG	ABOVE FINISHED GRADE	mm	MILLIMETERS
ATS	AUTOMATIC TRANSFER SWITCH	MCCB	MOLDED CASE CIRCUIT BREAKER
ACB	AIR CIRCUIT BREAKER	MDP	MAIN DISTRIBUTION PANELBOARD
AF	FRAME SIZE OF CIRCUIT BREAKER IN AMPERES	M.I.	MECHANICAL INTERLOCK
AT	SETTING OF OVERLOAD TRIP OF CIRCUIT BREAKER IN AMPERES	MTS	MANUAL TRANSFER SWITCH
BCW	BARE COPPER WIRE	NTS	NOT TO SCALE
BCLG	BELOW CEILING	P	POLE
CB	CIRCUIT BREAKER	PF	POWER FACTOR OR POWER FUSE
CEF	CEILING EXHAUST FAN	PT	POTENTIAL TRANSFORMER
CT	CURRENT TRANSFORMER	PVC	POLY-VINYL CHLORIDE
DP OR SDP	DISTRIBUTION PANELBOARD	PP	POWER PANELBOARD
dia. OR Ø	DIAMETER	RCD/RCCB	RESIDUAL CURRENT DEVICE/CIRCUIT BREAKER
GND	GROUND	RSC	RIGID STEEL CONDUIT
GCP	GENERATOR CONTROL PANEL	SPD	SURGE PROTECTION DEVICE
HD	HIGH INTENSITY DISCHARGE	SS	SWITCH STATION
HMI	HUMAN-MACHINE INTERFACE	SW	SWITCH
HP	HORSEPOWER	T	TRANSFORMER
IMC	INTERMEDIATE METAL CONDUIT	TEL	TELEPHONE
KAIC	KILO-AMPERE INTERRUPTING CAPACITY	TVSS	TRANSIENT VOLTAGE SURGE SUPPRESSION DEVICE
Hz	HERTZ	TYP	TYPICAL
IC	INTERRUPTING CAPACITY (BREAKING CAPACITY)	UL	UNDERWRITERS LABORATORY
J	JUNCTION BOX	V	VOLTS
K	THOUSAND, KILO	VA	VOLT-AMPERE
KVA	KILOVOLT-AMPERE (APPARENT POWER)	W	WATTS
LP	LIGHTING PANELBOARD OR LOAD CENTER	WP	WEATHERPROOF
		⚡	ELECTRICAL PHASE

2 LEGENDS & SYMBOLS
E-01

- | | | | |
|-----------------------|---|------------------|--|
| DL1 | — 18-WATTS RECESSED LED DOWNLIGHT | CT | — COUNTER TOP MOUNTED OUTLET |
| DL2 | — 6-WATTS RECESSED LED DOWNLIGHT | CM | — CEILING MOUNTED OUTLET |
| PL1 | — 36-WATTS LED PANEL LIGHT | MC | — MOTOR CONTROLLER |
| PL2 | — 36-WATTS LED PANEL LIGHT | M | — MOTOR-PUMP |
| SD | — SMOKE DETECTOR | M | — SERVICE METER |
| HD | — HEAT DETECTOR | ECB | — ENCLOSED CIRCUIT BREAKER |
| SLH | — STROBE LIGHT WITH HORN | S | — ONE GANG SWITCH |
| SL | — STROBE LIGHT | S _{ab} | — TWO GANG SWITCH |
| F | — MANUAL PULL STATION | S _{abc} | — THREE GANG SWITCH |
| CS | — RECESSED TYPE CEILING MOUNTED SPEAKER | S _{3w} | — THREE-WAY SWITCH |
| CS 2 | — SURFACE MOUNTED TYPE CEILING MOUNTED | S _{4w} | — FOUR-WAY SWITCH |
| VFIR | — VARIFOCAL TYPE CCTV, INFRARED | AVR | — AUTOMATIC VOLTAGE REGULATOR |
| FE | — FISH-EYE TYPE CCTV | PB | — PANEL BOARD |
| FE _{OUTDOOR} | — FISH-EYE TYPE CCTV, OUTDOOR | SCR | — SWITCH CIRCUIT RUN |
| PROJ | — CEILING MOUNTED PROJECTOR | C.C. | — C.O. CIRCUIT RUN |
| DU | — DUPLEX CONVENIENCE OUTLET | CH | — CIRCUIT HOMERUN TO PANEL |
| | | LCR | — LIGHTING CIRCUIT RUN |
| | | GFI | — GROUND-FAULT INTERRUPTER OUTLET - NATIONAL (MOUNTING HEIGHT: 1.20M FROM FLOOR) |
| | | CB | — CIRCUIT BREAKER |
| | | REF | — REFRIGERATOR OUTLET, GROUNDING TYPE |
| | | SR | — SERVER RACK OUTLET, GROUNDING TYPE, 20A CAPACITY, NATIONAL |
| | | FZ | — FREEZER, GROUNDING TYPE, 20A CAPACITY |
| | | GB | — GROUND BUS TERMINAL |

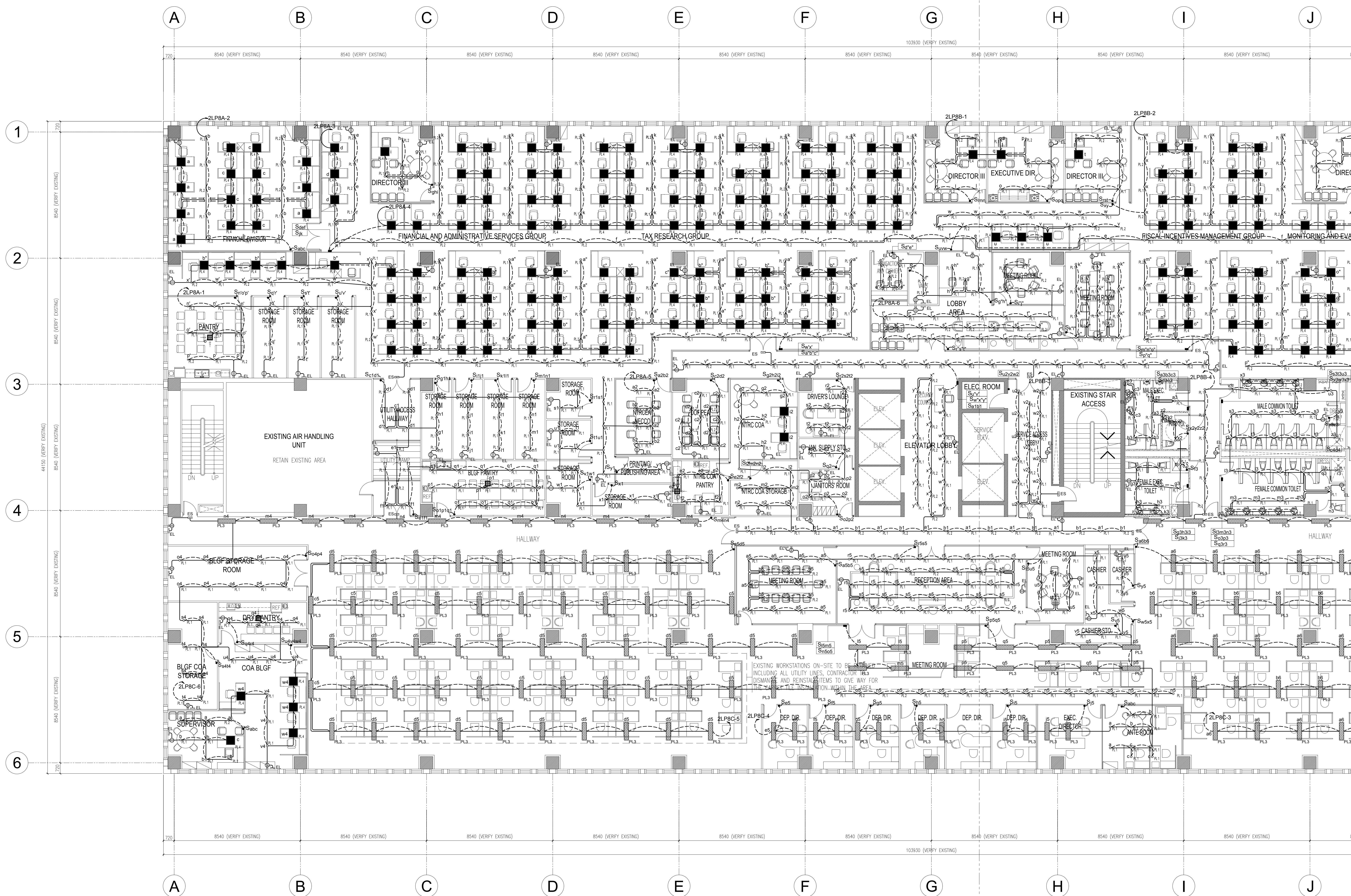


DRAWING INDEX		DRAWING INDEX	
SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
E-00	GENERAL NOTES, LEGEND & SYMBOLS, ELECTRICAL ABBREVIATIONS, DRAWING INDEX, VICINITY MAP	E-09	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION POWER RISER DIAGRAM
E-01	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LIGHTING LAYOUT	E-10	MISCELLANEOUS DETAILS
E-02	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LIGHTING LAYOUT	AUX-01	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION FDAS LAYOUT
E-03	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LIGHTING LAYOUT	AUX-02	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION FDAS LAYOUT
E-04	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION POWER LAYOUT	AUX-03	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION PA/BGM & CCTV LAYOUT
E-05	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION POWER LAYOUT	AUX-04	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LAN & TEL LAYOUT
E-06	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION MECHANICAL LAYOUT	AUX-05	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LAN & TEL LAYOUT
E-07	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION MECHANICAL LAYOUT	AUX-06	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LAN & TEL LAYOUT
E-08	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LOAD SCHEDULE & COMPUTATIONS	AUX-07	DEPT. OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION AUXILIARY RISER DIAGRAM

4 DRAWING INDEX
E-01

DATE OF ISSUANCE: AUGUST 13, 2021

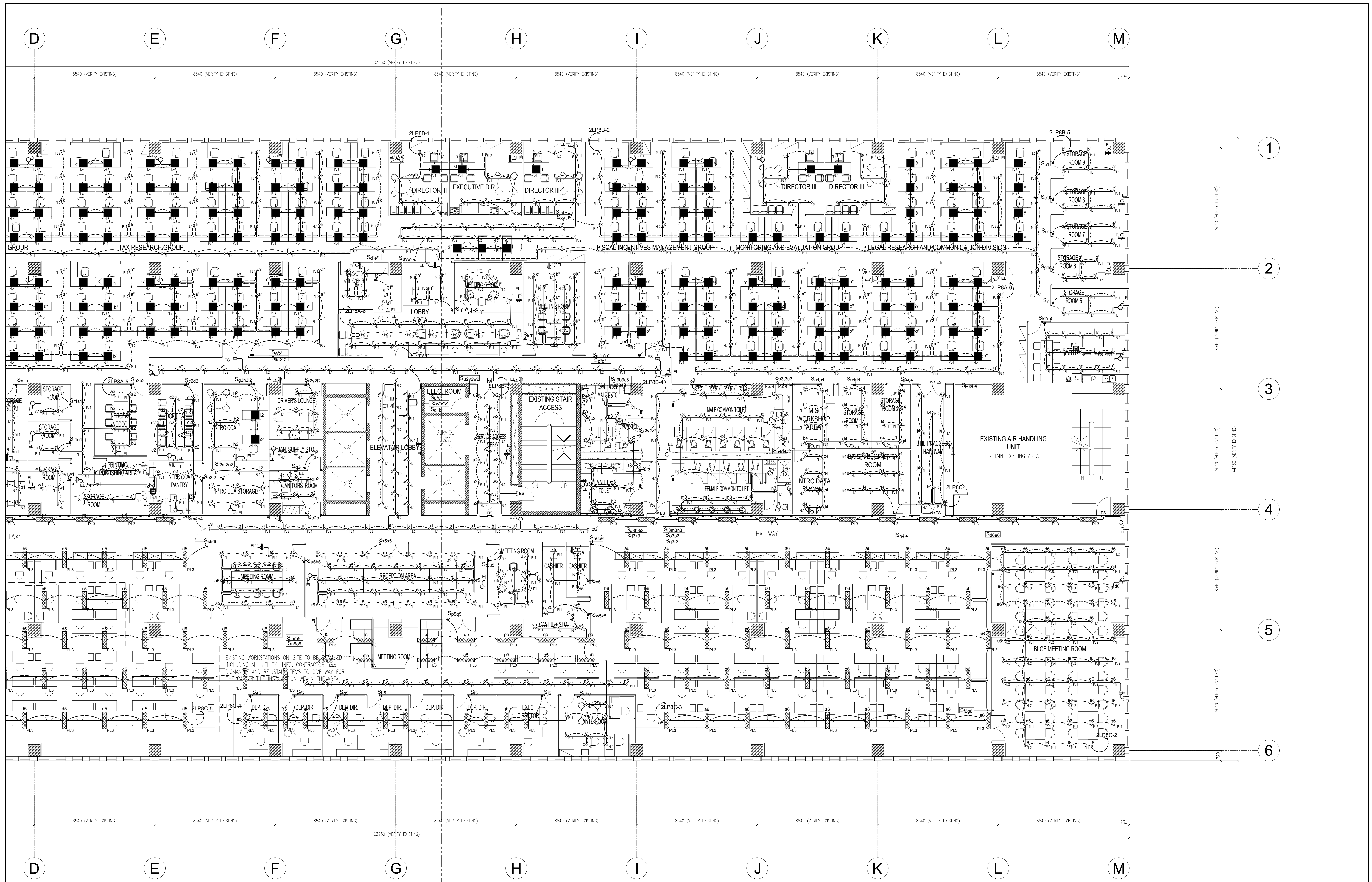
ROBERTO C. DIVINA, PEE PRC No. 002557		DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.		PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION		APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE		APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER		APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE		SHEET CONTENT : GENERAL NOTES, LEGEND&SYMBOLS, VICINITY MAP, DRAWING INDEX, ELECTRICAL ABBREVIATIONS		SHEET NO. E 01	
PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000		REPUBLIC ACT 9266		LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY		DATE STARTED: JUNE 2021		CHECKED BY : RCD		DESIGNED BY : RCD		DATE:		DATE:	



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 LIGHTING LAYOUT-A
 E-02 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

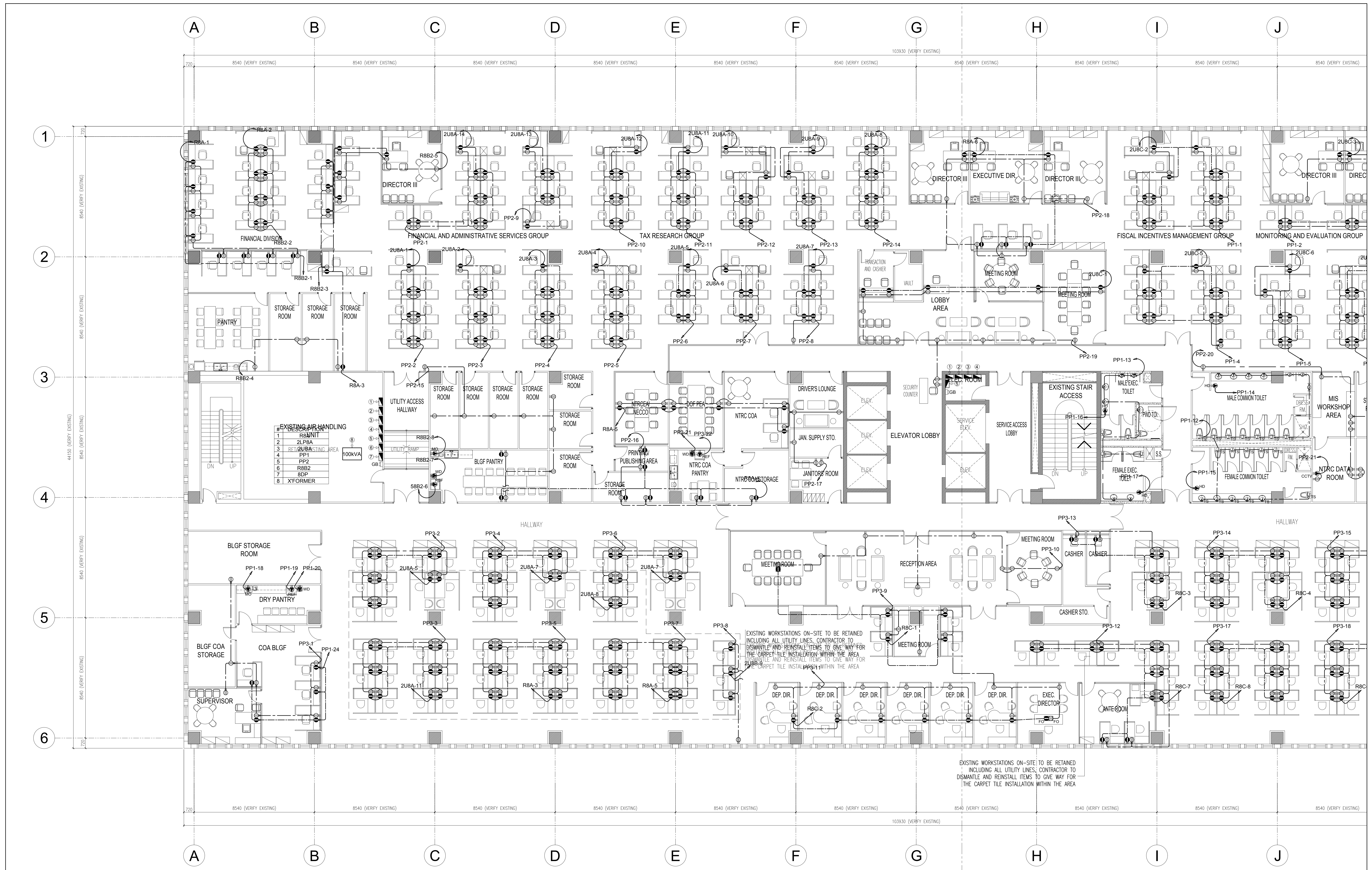
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM/SG DEPARTMENT OF FINANCE	SHEET CONTENT : LIGHTING LAYOUT-A	SHEET NO. E 02
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. Ocampo STREET, MANILA CITY	CHECKED BY : RCD DATE STARTED: JUNE 2021	DRAWN BY : CM DESIGNED BY : RCD			



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 LIGHTING LAYOUT-B
 E-03 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

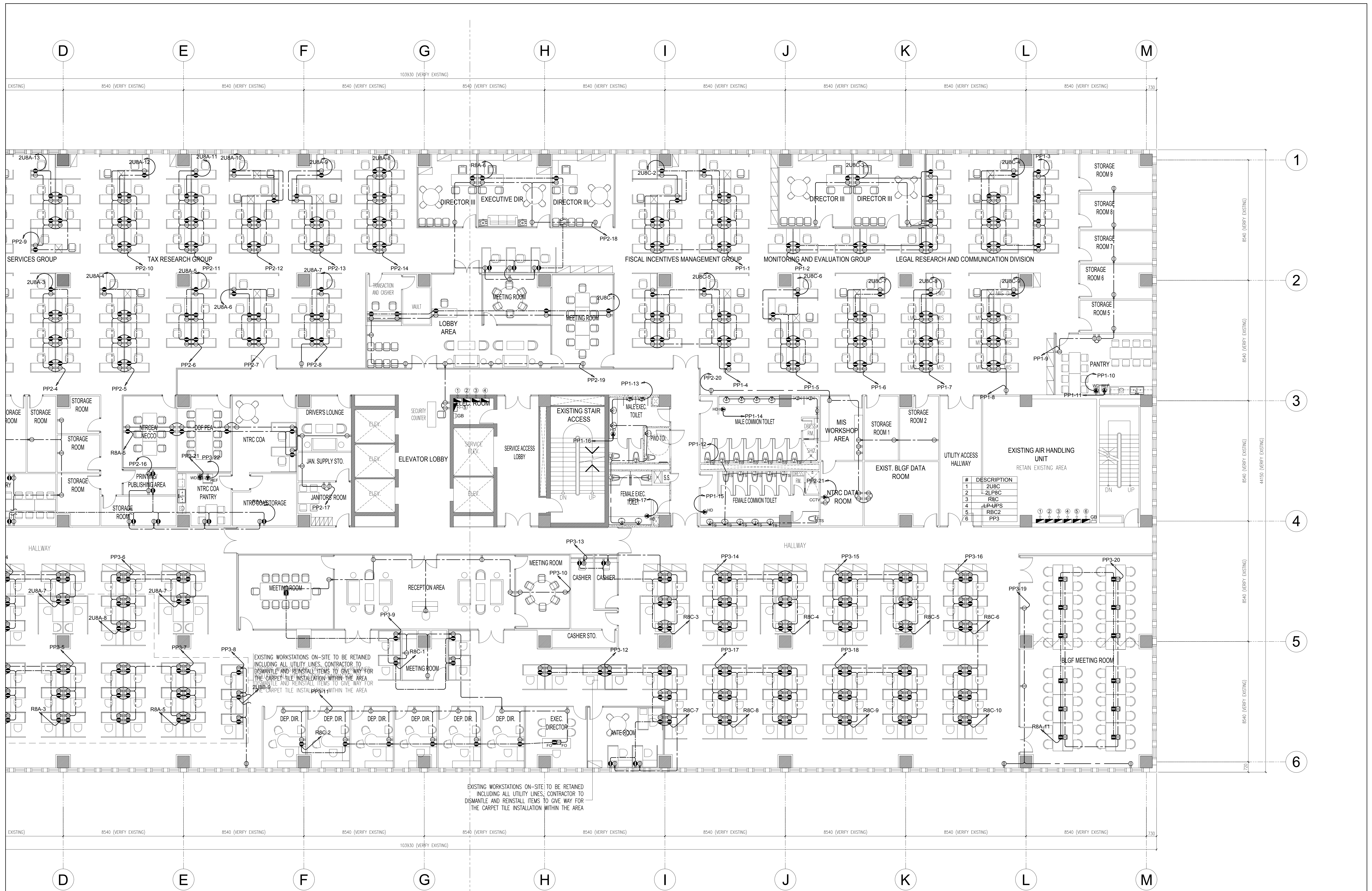
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : <p style="text-align: center;">DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION</p> LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. Ocampo STREET, MANILA CITY	APPROVED BY: <p style="text-align: center;">DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE</p>	APPROVED BY: <p style="text-align: center;">DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER</p>	APPROVED BY: <p style="text-align: center;">USEC. GIL S. BELTRAN UNDERSECRETARY - PDMG DEPARTMENT OF FINANCE</p>	SHEET CONTENT : LIGHTING LAYOUT-B DRAWN BY : CM DESIGNED BY : RCD CHECKED BY : RCD DATE STARTED: JUNE 2021	SHEET NO. <div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">E</div> <div style="font-size: 24px; font-weight: bold;">03</div> </div>
---	---	--	--	---	--	--	--



DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING
1 POWER LAYOUT - A
 E-04 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

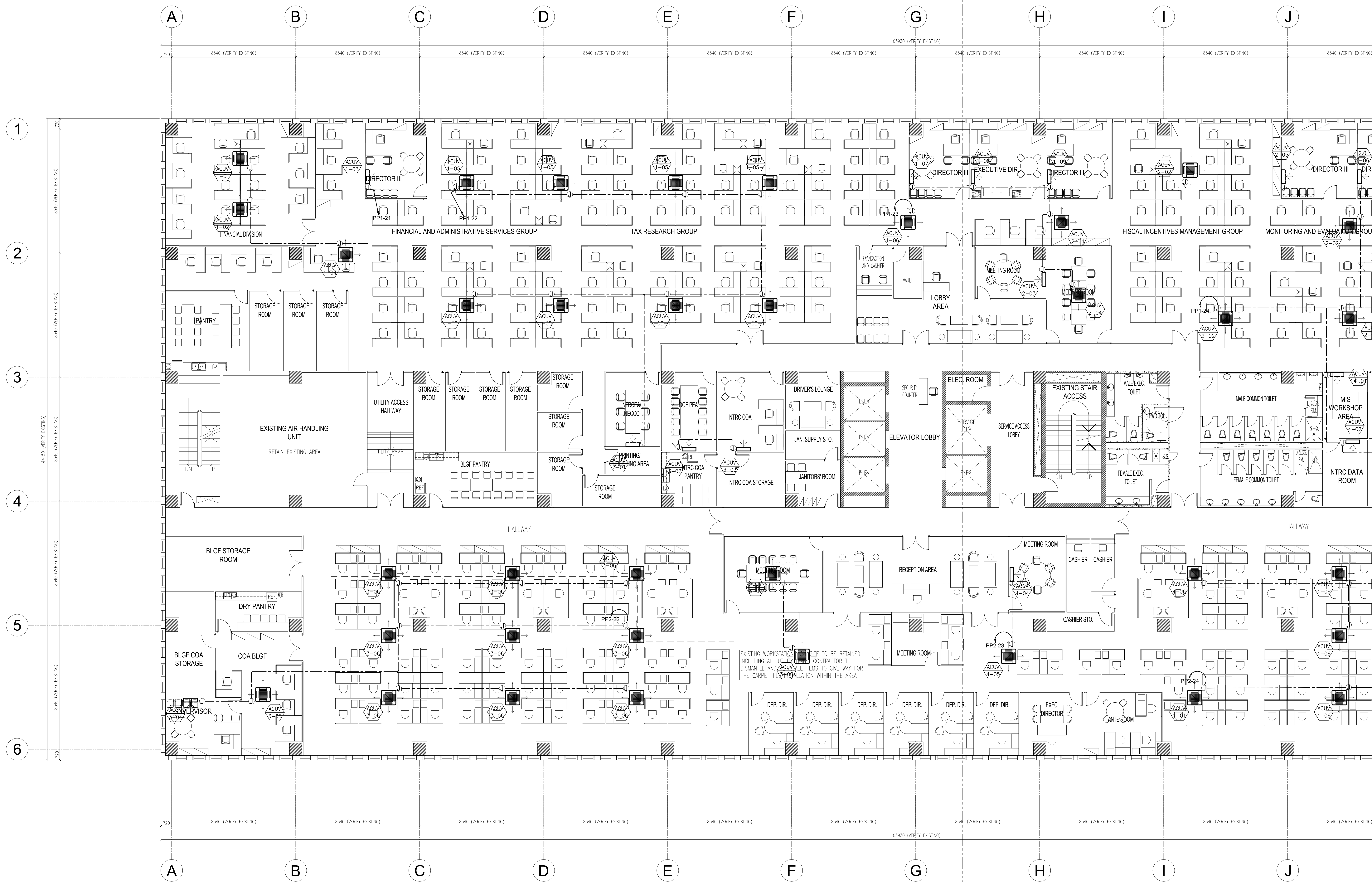
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPLICATION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM5G DEPARTMENT OF FINANCE	SHEET CONTENT : POWER LAYOUT-A DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED: JUNE 2021	SHEET NO. E 04
		LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY						



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 POWER LAYOUT - B
 E-05 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

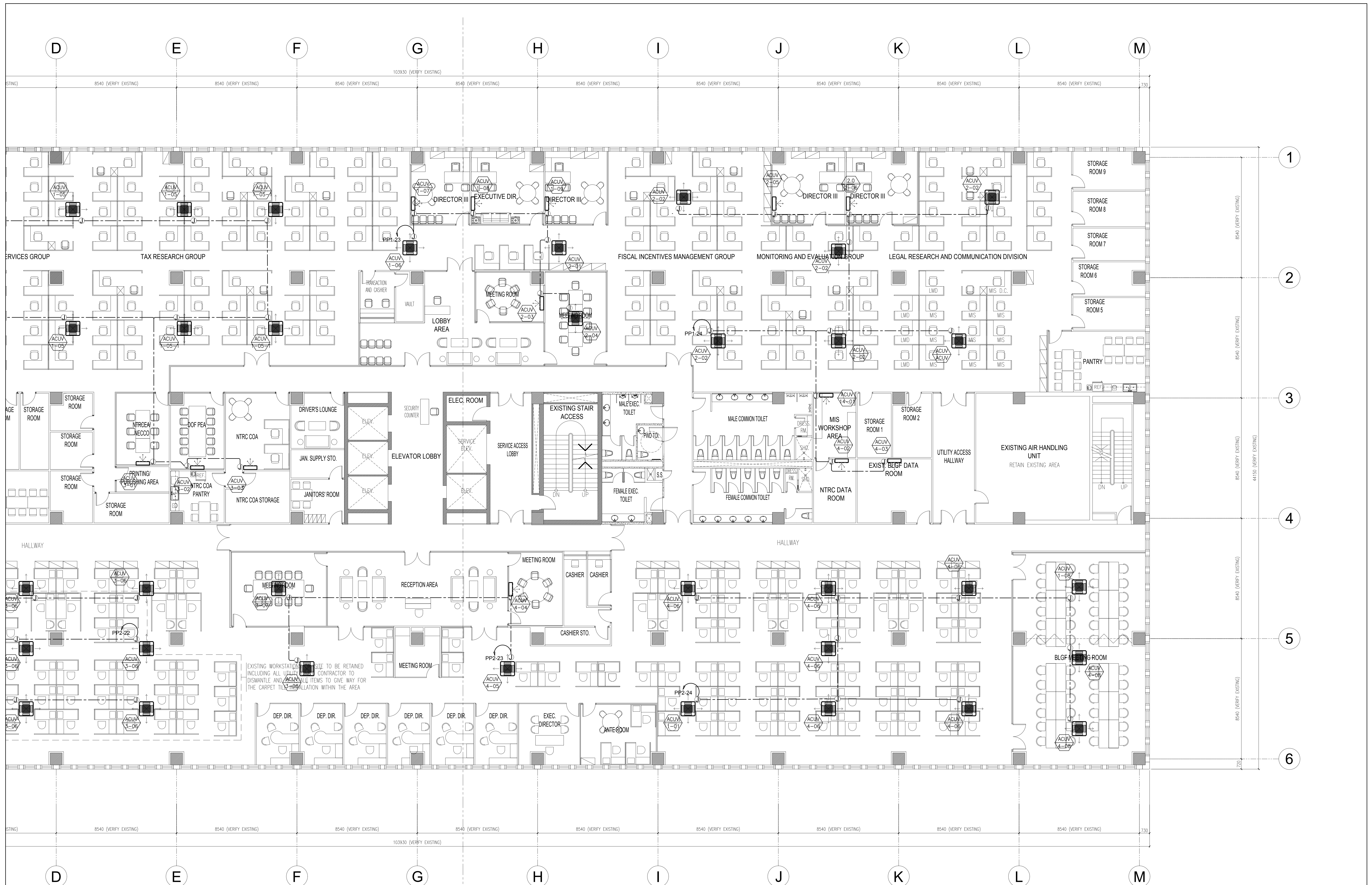
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY : DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY : DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY : USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE	SHEET CONTENT : POWER LAYOUT-B	SHEET NO. E 05
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED : JUNE 2021			



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 MECHANICAL LAYOUT-A
 E-06 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

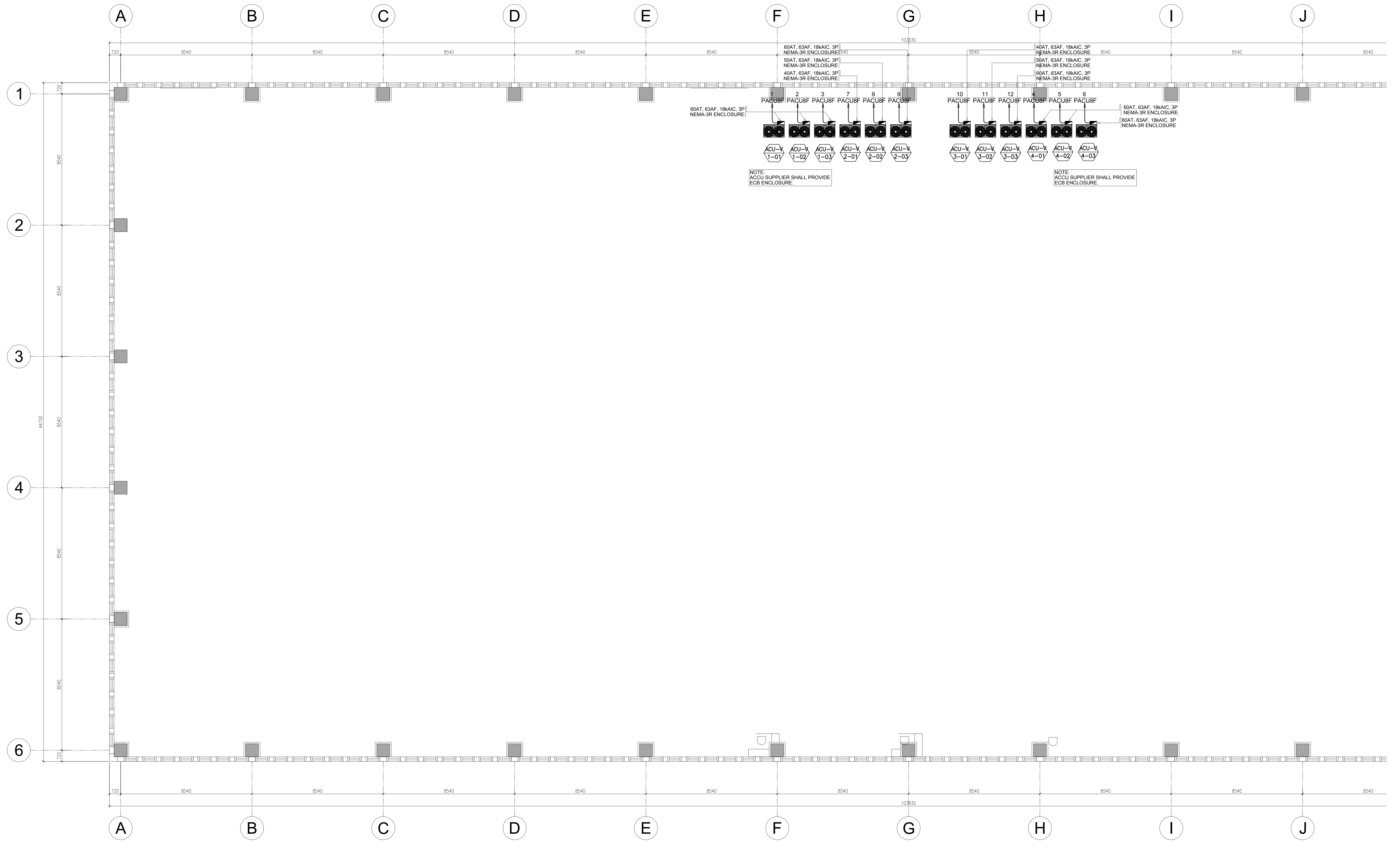
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMMSG DEPARTMENT OF FINANCE	SHEET CONTENT : MECHANICAL LAYOUT-A DRAWN BY : CM DESIGNED BY : RCD	SHEET NO. E 06
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	APPROVED BY: RCD DATE STARTED: JUNE 2021	CHECKED BY : RCD DATE STARTED: JUNE 2021			



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 MECHANICAL LAYOUT-B
 E-07 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE	SHEET CONTENT : MECHANICAL LAYOUT-B	SHEET NO. E 07
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED: JUNE 2021			



DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING
1 ACCU LAYOUT
 E-08 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

ROBERTO C. DIVINA, PEE PRC No. 002557	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDPC BUILDING RENOVATION LOCATION : EDPC BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE	SHEET CONTENT : ACCU LAYOUT DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED: JUNE 2021	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">E</div> <div style="font-size: 24px; font-weight: bold;">08</div> </div>
PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD, RIZAL TIN : 162-191-071-000	REPUBLIC ACT 9266							

4DP7 : 800AT,1000AF, 3P, 480V, 65KAIC (NEW)																	
LOCATION: SEVENTH FLOOR		FEEDER LENGTH: LINE: 3-3x200mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 30mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 80MMØ IMC															
FED FROM: HELVSB																	
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE			CB RATING				NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	ZDP7 VA300KVA DT	480	407198	489.80	291.97	289.23	273.27	350	400	3	36	1	3x250mm2	50mm2	100mmØ EMT		
2	PPC VA60KA	480	60000	72.17				100	160	3	22	1	3x30mm2	14mm2	32mmØ EMT		
3	R8C2 VA25KA	480	25000	30.07				30.07	225	250	3	22	1	2x100mm2	14mm2	30mmØ EMT	
4	BDP VA225KVA DT	480	110440		81.70	76.18	82.21	300	300	3	36	2	3x80mm2	22mm2	30mmØ EMT		
5	SPARE	480						100	100	3	22						
6	PNL-LP-UPS	480	7800		33.91			30	50	2	10	1	3x14mm2	5.5mm2	25mmØ EMT		
7	R7B VA25KA	480	25000	30.07				30.07	70	100	3	22	1	2x22mm2	8.0mm2	32mmØ EMT	
TOTAL CONNECTED LOAD			635438		407.58	365.41	355.48	132.31									
<p>COMPUTATIONS :</p> <p>I = TOTAL HPA'80% DF + 13P + HRM * 25% = 812.16 AMPERE MINIMUM AMPACITY OF MAIN FEEDER x 1.25% = 765.20</p>																	

2BGU7A : 500AT,600AF, 3P, 230V, 25KAIC (NEW)																	
LOCATION: SEVENTH FLOOR		FEEDER LENGTH: LINE: 2-3x125mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 30mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 80MMØ IMC															
FED FROM: ZDP7																	
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE			CB RATING				NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	2LPFA	230	29079	73.00	45.93	42.89	37.61	70	100	3	22	1	3x22mm2	8.0mm2	32mmØ EMT		
2	2LPBA	230	8705	21.85	20.15	17.51	18.48	70	100	3	22	1	3x22mm2	8.0mm2	32mmØ EMT		
3	R7A	230	12400	31.13				70	100	3	22	1	3x22mm2	8.0mm2	32mmØ EMT		
4	2LTA	230	27300	68.53	40.76	38.15	39.78	60	100	3	22	1	3x14mm2	8.0mm2	25mmØ EMT		
5	2LPA	230	31300		45.54	44.57	45.98	100	100	3	22	1	3x30mm2	8.0mm2	32mmØ EMT		
6	2LPAB	230	32200		45.65	47.07	47.28	100	100	3	22	1	3x30mm2	8.0mm2	32mmØ EMT		
7	2LPAC	230	32500		66.74	43.37	31.20	100	100	3	22	1	3x30mm2	8.0mm2	32mmØ EMT		
8	SPACE	230															
TOTAL CONNECTED LOAD			173484		284.78	233.55	251.46										
<p>COMPUTATIONS :</p> <p>I = TOTAL HPA'80% DF + 13P + HRM * 25% = 323.61 AMPERE MINIMUM AMPACITY OF MAIN FEEDER x 1.25% = 404.51</p>																	

2DP7 : 1000AT,1000AF, 3P, 230V, 35KAIC (NEW)																	
LOCATION: SEVENTH FLOOR		FEEDER LENGTH: LINE: 3-3x250mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 30mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 100MMØ IMC															
FED FROM: 4DP7																	
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE			CB RATING				NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	BUS GUTTER 2BGU7	230	49625	124.57	69.24	67.50	69.24	100	100	3	22	1	3x30mm2	8.0mm2	32mmØ EMT		
2	BUS GUTTER 2BGU7B	230	39125	98.22	58.52	64.38		150	160	3	22	1	3x50mm2	14mm2	50mmØ EMT		
3	BUS GUTTER 2BGU7A	230	173484	435.50	264.78	233.55	251.46	500	600	3	22	2	3x125mm2	30mm2	80mmØ IMC		
4	BUS GUTTER 2BGU7B	230	32580	81.79	56.09	38.43	47.13	125	250	3	22	1	2x38mm2	8.0mm2	40mmØ EMT		
5	2LPFC	230	27700	69.54	37.17	41.63	41.63	70	100	2	22	1	2x22mm2	8.0mm2	32mmØ EMT		
6	2LPC	230	10840	27.21	12.91	16.96	17.26	70	100	2	22	1	2x22mm2	8.0mm2	32mmØ EMT		
7	R8B2	230	13844	34.25	26.10	16.67	16.35	70	100	2	22	1	2x22mm2	8.0mm2	32mmØ EMT		
8	2LFC VA25KA UPS	230	40900	102.67	59.13	59.57	59.13	100	100	2	22	1	3x30mm2	8.0mm2	32mmØ EMT		
9	R8C	230	9100	39.57				100	100	2	22	1	2x22mm2	8.0mm2	32mmØ EMT		
10	SPACE	230															
11	R7C	230	10200	44.35				100	100	2	22	1	2x22mm2	8.0mm2	32mmØ EMT		
12		230															
TOTAL CONNECTED LOAD			497198		583.94	578.45	546.55										
<p>COMPUTATIONS :</p> <p>I = TOTAL HPA'70% DF + 13P + HRM * 25% = 707.97 AMPERE MINIMUM AMPACITY OF MAIN FEEDER x 1.25% = 884.97 XFORMER CAPACITY: KVA 282.03 USE: 300KVA,30,480V/230V,60Hz, DRY TYPE XFORMER ,DELTA-DELTA, COPPER WINDING, CLASS H INSULATION, UL LISTED (NEW)</p>																	

PANEL 2LP-8B : 70AT,100AF, 3P, 230V,22KAIC (EXISTING)																	
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x22mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 80MMØ IMC															
FED FROM: 2BG7B																	
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE			CB RATING				NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	LIGHTINGS	230	1500	6.52	6.52			20	63	2	10	1	2x35mm2	3.5mm2	15mmØ EMT		
2	LIGHTINGS	230	1500	6.52	6.52			20	63	2	10	1	2x35mm2	3.5mm2	15mmØ EMT		
3	LIGHTINGS	230	1500	6.52				20	63	2	10	1	2x35mm2	3.5mm2	15mmØ EMT		
4	LIGHTINGS	230	1500	6.52				20	63	2	10	1	2x35mm2	3.5mm2	15mmØ EMT		
5	LIGHTINGS	230	1500	6.52				20	63	2	10	1	2x35mm2	3.5mm2	15mmØ EMT		
6	LIGHTINGS	230	1500	6.52				20	63	2	10	1	2x35mm2	3.5mm2	15mmØ EMT		
7	SPARE	230	1000	4.35	4.35			20	63	2	10						
8	SPARE	230	1000	4.35	4.35			20	63	2	10						
9	SPARE	230	1000	4.35				20	63	2	10						
10	SPARE	230	1000	4.35				20	63	2	10						
11	SPARE	230	1000	4.35				20	63	2	10						
12	SPARE	230	1000	4.35				20	63	2	10						
TOTAL CONNECTED LOAD			19800		21.74	21.74	21.74										
<p>COMPUTATIONS :</p> <p>I = TOTAL HPA'80% DF + 13P + HRM * 25% = 30.12 AMPERE MINIMUM AMPACITY OF MAIN FEEDER x 1.25% = 37.65</p>																	

8DP : 300AT,400AF, 3P, 230V, 36KAIC (NEW)																	
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x200mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 30mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 80MMØ IMC															
FED FROM: 4DP7																	
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE			CB RATING				NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	PP1	230	36441	158.44	52.43	53.72	52.28	125	160	3	25	1	3x38mm2	8.0mm2	40mmØ EMT		
2	PP2	230	32241	140.18	46.63	43.68	49.86	125	160	3	25	1	3x38mm2	8.0mm2	40mmØ EMT		
3	PP3	230	41716	181.37	60.52	55.04	65.81	125	160	3	25	1	3x38mm2	8.0mm2	40mmØ EMT		
4	SPACE	230															
5	SPACE	230															
TOTAL CONNECTED LOAD			110397		159.59	152.45	167.95										
<p>COMPUTATIONS :</p> <p>I = TOTAL HPA'80% DF + 13P + HRM * 25% = 211.23 AMPERE MINIMUM AMPACITY OF MAIN FEEDER x 1.25% = 264.04 XFORMER CAPACITY: KVA 84.15 USE: 225KVA,30,480V/230V,60Hz, DRY TYPE XFORMER ,DELTA-DELTA, COPPER WINDING, CLASS H INSULATION, UL LISTED (EXISTING)</p>																	

2BGU7B : 150AT,250AF, 3P, 230V, 25KAIC, LUGS ONLY (EXISTING)																	
LOCATION: SEVENTH FLOOR		FEEDER LENGTH: LINE: 3x100mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 14mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 65MMØ IMC															
FED FROM: ZDP7																	
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE			CB RATING				NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	2LP7B	230	25465		41.74	40.00	28.97	70	100	3	25	1	3x22mm2	8.0mm2	32mmØ EMT		
2	2LP8B	230	13660		16.77	24.37	18.24	70	100	3	25	1	3x22mm2	8.0mm2	32mmØ EMT		
3		230															
4		230															
TOTAL CONNECTED LOAD			39125		58.52	64.38	47.21										
<p>COMPUTATIONS :</p> <p>I = TOTAL HPA'80% DF + 13P + HRM * 25% = 89.20 AMPERE MINIMUM AMPACITY OF MAIN FEEDER x 1.25% = 111.50</p>																	

2BGU7 : 100AT,100AF, 3P, 230V,10KAIC (EXISTING)																	
LOCATION: SEVENTH FLOOR		FEEDER LENGTH: LINE: 3x60mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 32MMØ EMT															
FED FROM:																	
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE			CB RATING				NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	2L7A	230	27300	118.70	40.76	38.15	39.78	60	100	3	10	1	THHN	5.5mm2	25mmØ IMC		
2	2L7B	230	20075	87.28	28.48	29.35	29.46	60	100	3	10	1	THHN	5.5mm2	25mmØ IMC		
3		230	2250														
TOTAL CONNECTED LOAD			49625		69.24	67.50	69.24										
<p>COMPUTATIONS :</p> <p>I = TOTAL HPA'70% DF + 13P + HRM * 25% = 83.95 AMPERE MINIMUM AMPACITY OF MAIN FEEDER x 1.25% = 104.93</p>																	

2BGU8 : 125AT,250AF, 3P, 230V, 22KAIC, LUGS ONLY (EXISTING)																	
LOCATION: SEVENTH FLOOR		FEEDER LENGTH: LINE: 3x100mm2 THHN															
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 14mm2 THHN															
MOUNTING: SURFACE MOUNTED		RACEWAYS: 65MMØ IMC															
FED FROM: ZDP7																	
CKT. NO.																	

PANEL 2LP-8A : 70AT,100AF, 3P, 230V,22KAIC (EXISTING)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		RACEWAYS: 32MMØ EMT														
FED FROM: 2BGT/A																
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	CB RATING	NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH				
1	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
2	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
3	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
4	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
5	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
6	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
7	SPARE	230	1000	4.35	4.35	20	63	2	10							
8	SPARE	230	1000	4.35	4.35	20	63	2	10							
9	SPARE	230	1000	4.35	4.35	20	63	2	10							
10	SPARE	230	1000	4.35	4.35	20	63	2	10							
11	SPARE	230	1000	4.35	4.35	20	63	2	10							
12	SPARE	230	1000	4.35	4.35	20	63	2	10							
TOTAL CONNECTED LOAD			15000		21.74	21.74	21.74									
COMPUTATIONS :																
I = TOTAL HP*80% DF + IP + HRM * 25%																
= 30.12 AMPERE																
MINIMUM AMPACITY OF MAIN FEEDER x 1.25%																
= 37.65																

2UBC : 70AT,100AF, 3P, 230V,10KAIC (EXISTING)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		RACEWAYS: 32MMØ EMT														
FED FROM: 2B8U8																
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	CB RATING	NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH				
1	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
2	13-180VA DUPLEX CONVENIENCE OUTLET	230	2340	10.17	10.17	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
3	11-180VA DUPLEX CONVENIENCE OUTLET	230	1980	8.61	8.61	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
4	11-180VA DUPLEX CONVENIENCE OUTLET	230	1980	8.61	8.61	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
5	10-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
6	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
7	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
8	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
9	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
10	SPARE	230	1000	4.35	4.35	20	63	2	10							
11	SPARE	230	1000	4.35	4.35	20	63	2	10							
12	SPARE	230	1000	4.35	4.35	20	63	2	10							
TOTAL CONNECTED LOAD			16860		33.65	18.43	21.22									
COMPUTATIONS :																
I = TOTAL HP*80% DF + IP + HRM * 25%																
= 29.40 AMPERE																
MINIMUM AMPACITY OF MAIN FEEDER x 1.25%																
= 36.75																

PANEL 2LP-8C : 70AT,100AF, 3P, 230V,22KAIC (EXISTING)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		RACEWAYS: 32MMØ EMT														
FED FROM: 2DP7																
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	CB RATING	NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH				
1	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
2	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
3	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
4	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
5	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
6	LIGHTINGS	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
7	SPARE	230	1000	4.35	4.35	20	63	2	10							
8	SPARE	230	1000	4.35	4.35	20	63	2	10							
9	SPARE	230	1000	4.35	4.35	20	63	2	10							
10	SPARE	230	1000	4.35	4.35	20	63	2	10							
11	SPARE	230	1000	4.35	4.35	20	63	2	10							
12	SPARE	230	1000	4.35	4.35	20	63	2	10							
TOTAL CONNECTED LOAD			15000		15.22	21.74	21.74									
COMPUTATIONS :																
I = TOTAL HP*80% DF + IP + HRM * 25%																
= 30.12 AMPERE																
MINIMUM AMPACITY OF MAIN FEEDER x 1.25%																
= 37.65																

R8B2 : 70AT,100AF, 3P, 230V,10KAIC (EXISTING)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		RACEWAYS: 32MMØ EMT														
FED FROM: 2DP7																
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	CB RATING	NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH				
1	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
2	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
3	4-180VA DUPLEX CONVENIENCE OUTLET	230	720	3.13	3.13	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
4	4-180VA DUPLEX CONVENIENCE OUTLET	230	720	3.13	3.13	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
5	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
6	1.5kVA, 230V, 1Ø, 60Hz REFRIGERATOR	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
7	1kVA, 230V, 1Ø, 60Hz WATER DISPENSER	230	1000	4.35	4.35	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
8	1.5kVA, 230V, 1Ø, 60Hz MICROWAVE OVEN	230	1500	6.52	6.52	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
9	SPARE	230	1000	4.35	4.35	20	63	2	10							
10	SPARE	230	1000	4.35	4.35	20	63	2	10							
TOTAL CONNECTED LOAD			11220		23.39	10.61	14.78									
COMPUTATIONS :																
I = TOTAL HP*80% DF + IP + HRM * 25%																
= 32.41 AMPERE																
MINIMUM AMPACITY OF MAIN FEEDER x 1.25%																
= 40.51																

2UBA : 70AT,100AF, 3P, 230V,22KAIC (NEW)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		RACEWAYS: 32MMØ EMT														
FED FROM: 8DP																
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	CB RATING	NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH				
1	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
2	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
3	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
4	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
5	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
6	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
7	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
8	5-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
9	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
10	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
11	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
12	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
13	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
14	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
15	SPARE	230	1000	4.35	4.35	20	63	2	10							
TOTAL CONNECTED LOAD			16560		25.83	27.38	18.78									
COMPUTATIONS :																
I = TOTAL HP*80% DF + IP + HRM * 25%																
= 26.03 AMPERE																
MINIMUM AMPACITY OF MAIN FEEDER x 1.25%																
= 32.53																

PP1 : 125AT,160AF, 3P, 230V, 25KAIC (NEW)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: GROUND: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		RACEWAYS: 32MMØ EMT														
FED FROM: 8DP																
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	CB RATING	NO. OF SETS	LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH				
1	13-180VA DUPLEX CONVENIENCE OUTLET	230	2340	10.17	10.17	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
2	13-180VA DUPLEX CONVENIENCE OUTLET	230	2340	10.17	10.17	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
3	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
4	11-180VA DUPLEX CONVENIENCE OUTLET	230	1980	8.61	8.61	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
5	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
6	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
7	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
8	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26	20	63	2	10	1	2x3.5mm2	15mmØ EMT				
9	6-180VA DUPLEX CON															

PP2 : 12SAT, 160AF, 3P, 230V, 25KAIC (NEW)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x25mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		GROUND: 8.0mm2 THHN														
FED FROM: 80P		RACEWAYS: 25mmØ EMT														
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	ABC	AT	AF	POLE	KAIC	SETS	NO. OF LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	8-180VA DUPLEX CONVENIENCE OUTLET	230	1620	7.04	7.04		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
2	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
3	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
4	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
5	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
6	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
7	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
8	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
9	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
10	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
11	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
12	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
13	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
14	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
15	10-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
16	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
17	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
18	16-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
19	13-180VA DUPLEX CONVENIENCE OUTLET	230	2340	10.17	10.17		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
20	11-180VA DUPLEX CONVENIENCE OUTLET	230	1680	8.61	8.61		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
21	DCT VPOWER SUPPLY	230	1000	4.35	4.35		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
22	2.50W AC/DC 150W AC/DC	230	181.5	7.88	7.88		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
23	2.50W AC/DC 150W AC/DC	230	181.5	7.88	7.88		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
24	1.50W AC/DC 150W AC/DC	230	438	1.90	1.90		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
TOTAL CONNECTED LOAD		2340	137.61	50.87	45.88	40.88										
COMPUTATIONS :		$I = \text{TOTAL HPA} \times 80\% \text{ DF} + \text{ISP} + \text{HRM} \times 25\%$ $= 57.98 \text{ AMPERE}$ MINIMUM AMPACITY OF MAIN FEEDER X 1.25% $= 72.48$														

PP3 : 12SAT, 160AF, 3P, 230V, 25KAIC (NEW)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 3x25mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		GROUND: 8.0mm2 THHN														
FED FROM: 80P		RACEWAYS: 25mmØ EMT														
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	ABC	AT	AF	POLE	KAIC	SETS	NO. OF LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
2	10-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
3	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
4	10-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
5	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
6	10-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
7	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
8	4-180VA DUPLEX CONVENIENCE OUTLET	230	720	3.13	3.13		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
9	9-180VA DUPLEX CONVENIENCE OUTLET	230	1620	7.04	7.04		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
10	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
11	16-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
12	10-180VA DUPLEX CONVENIENCE OUTLET	230	1800	7.83	7.83		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
13	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
14	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
15	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
16	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
17	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
18	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
19	4-180VA DUPLEX CONVENIENCE OUTLET	230	720	3.13	3.13		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
20	4-180VA DUPLEX CONVENIENCE OUTLET	230	720	3.13	3.13		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
21	10A, 230V, 1.8L SPRAY WATER DISPENSER	230	1000	4.35	4.35		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
22	1.5KW, 230V, 1.8L 60Hz REFRIGERATOR	230	1500	6.52	6.52		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
23	SPARE	230	1000	4.35	4.35		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
24	SPARE	230	1000	4.35	4.35		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
TOTAL CONNECTED LOAD		3060	169.04	48.52	40.17	40.38										
COMPUTATIONS :		$I = \text{TOTAL HPA} \times 80\% \text{ DF} + \text{ISP} + \text{HRM} \times 25\%$ $= 86.59 \text{ AMPERE}$ MINIMUM AMPACITY OF MAIN FEEDER X 1.25% $= 86.97$														

R8A : 100AT, 100AF, 2P, 230V, 10KAIC (EXISTING)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 2x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		GROUND: 8.0mm2 THHN														
FED FROM: R7B VIA 25KVA		RACEWAYS: 25mmØ EMT														
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	ABC	AT	AF	POLE	KAIC	SETS	NO. OF LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
2	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
3	9-180VA DUPLEX CONVENIENCE OUTLET	230	1620	7.04	7.04		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
4	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
5	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
6	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
7	SPARE	230	1000	4.35	4.35		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
8	SPARE	230	1000	4.35	4.35		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
TOTAL CONNECTED LOAD		9920	43.13													
COMPUTATIONS :		$I = \text{TOTAL HPA} \times 80\% \text{ DF} + \text{ISP} + \text{HRM} \times 25\%$ $= 34.50 \text{ AMPERE}$ MINIMUM AMPACITY OF MAIN FEEDER X 1.25% $= 43.13 \text{ AMPERE}$ UPS CAPACITY: KVA 7.94 USE: 18KVA, 1Ø, 230V UPS (EXISTING)														

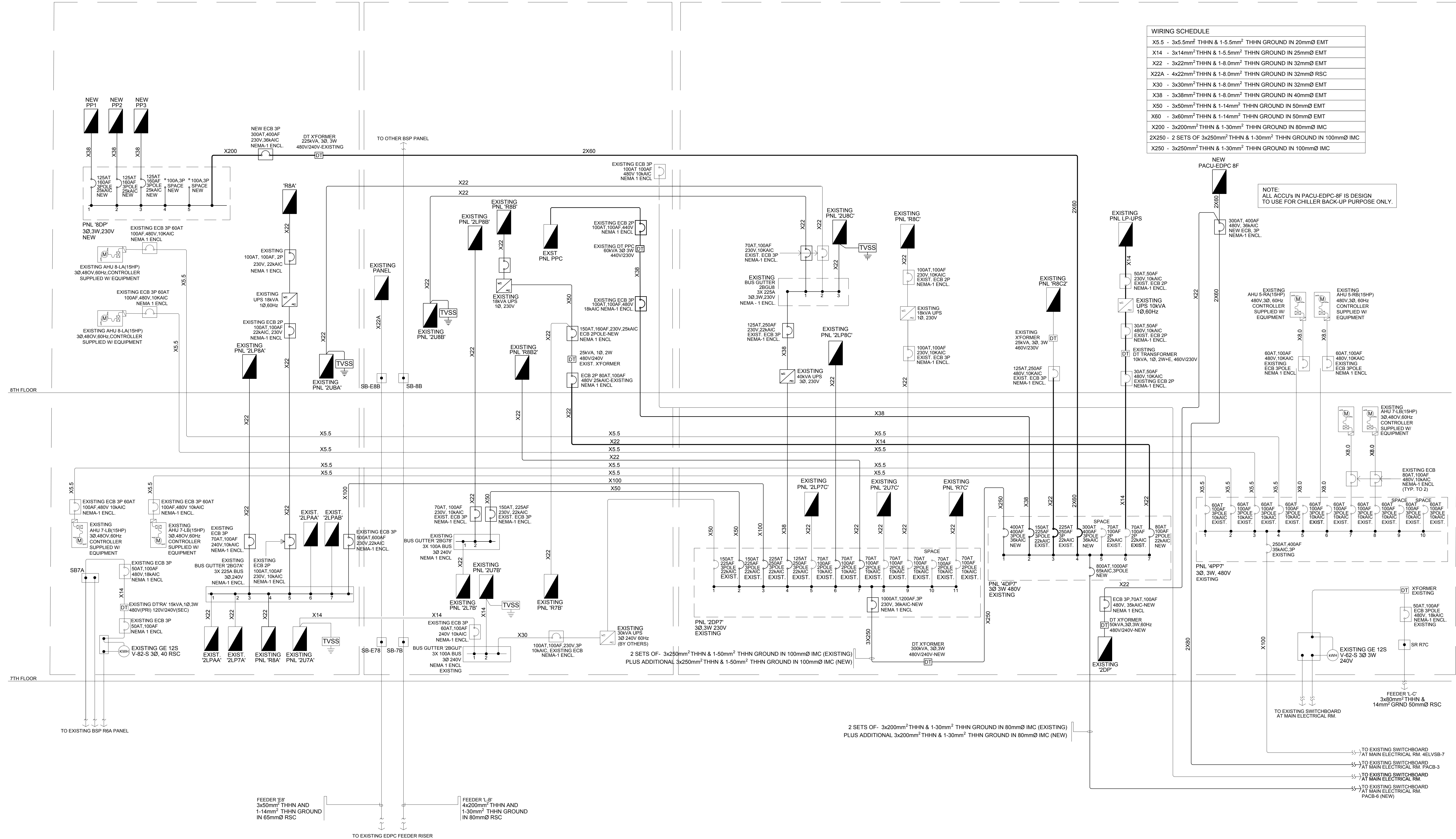
R8C : 100AT, 100AF, 2P, 230V, 10KAIC (EXISTING)																
LOCATION: EIGHT FLOOR		FEEDER LENGTH: LINE: 2x22mm2 THHN														
ENCLOSURE: NEMA 1		NEUTRAL: 8.0mm2 THHN														
MOUNTING: SURFACE MOUNTED		GROUND: 8.0mm2 THHN														
FED FROM: FEEDER BC -2DP7		RACEWAYS: 25mmØ EMT														
CKT. NO.	LOAD DESCRIPTION	VOLTS	VA	AMP / PHASE	LOAD AMPERE	ABC	AT	AF	POLE	KAIC	SETS	NO. OF LINE THHN	NEUTRAL THHN	GRD. THHN	CONDUIT	FEEDER LENGTH
1	5-180VA DUPLEX CONVENIENCE OUTLET	230	900	3.91	3.91		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
2	7-180VA DUPLEX CONVENIENCE OUTLET	230	1260	5.48	5.48		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
3	8-180VA DUPLEX CONVENIENCE OUTLET	230	1440	6.26	6.26		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
4	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
5	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
6	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
7	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
8	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
9	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
10	6-180VA DUPLEX CONVENIENCE OUTLET	230	1080	4.70	4.70		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
11	12-180VA DUPLEX CONVENIENCE OUTLET	230	2160	9.39	9.39		20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
12	SPARE	230					20	63	2	10	1	2x3.5mm2	3.5mm2	15mmØ EMT		
TOTAL CONNECTED LOAD		19800	86.09													
COMPUTATIONS :		$I = \text{TOTAL HPA} \times 80\% \text{ DF} + \text{ISP} + \text{HRM} \times 25\%$ $= 86.87 \text{ AMPERE}$ MINIMUM AMPACITY OF MAIN FEEDER X 1.25%														

AHU ROOM 'A'

ELECTRICAL ROOM 'B'

AHU ROOM 'C'

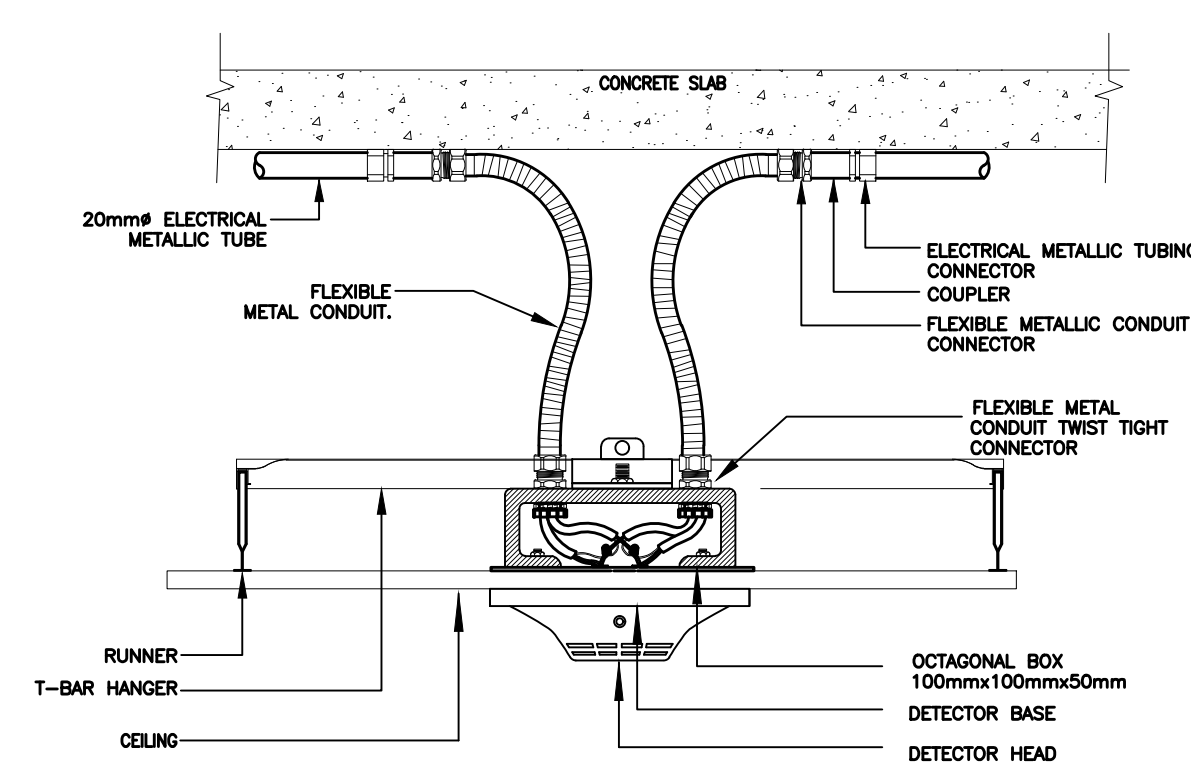
WIRING SCHEDULE	
X5.5	- 3x5.5mm ² THHN & 1-5.5mm ² THHN GROUND IN 20mmØ EMT
X14	- 3x14mm ² THHN & 1-5.5mm ² THHN GROUND IN 25mmØ EMT
X22	- 3x22mm ² THHN & 1-8.0mm ² THHN GROUND IN 32mmØ EMT
X22A	- 4x22mm ² THHN & 1-8.0mm ² THHN GROUND IN 32mmØ RSC
X30	- 3x30mm ² THHN & 1-8.0mm ² THHN GROUND IN 32mmØ EMT
X38	- 3x38mm ² THHN & 1-8.0mm ² THHN GROUND IN 40mmØ EMT
X50	- 3x50mm ² THHN & 1-14mm ² THHN GROUND IN 50mmØ EMT
X60	- 3x60mm ² THHN & 1-14mm ² THHN GROUND IN 50mmØ EMT
X200	- 3x200mm ² THHN & 1-30mm ² THHN GROUND IN 80mmØ IMC
2X250	- 2 SETS OF 3x250mm ² THHN & 1-30mm ² THHN GROUND IN 100mmØ IMC
X250	- 3x250mm ² THHN & 1-30mm ² THHN GROUND IN 100mmØ IMC



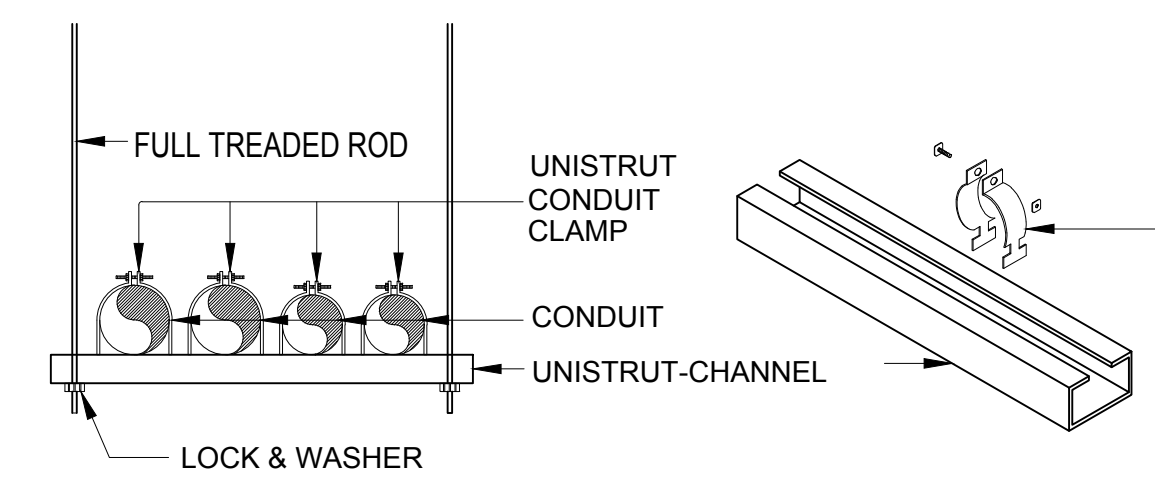
DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 POWER SINGLE LINE DIAGRAM
 E-12 SCALE NTS

DATE OF ISSUANCE: AUGUST 13, 2021

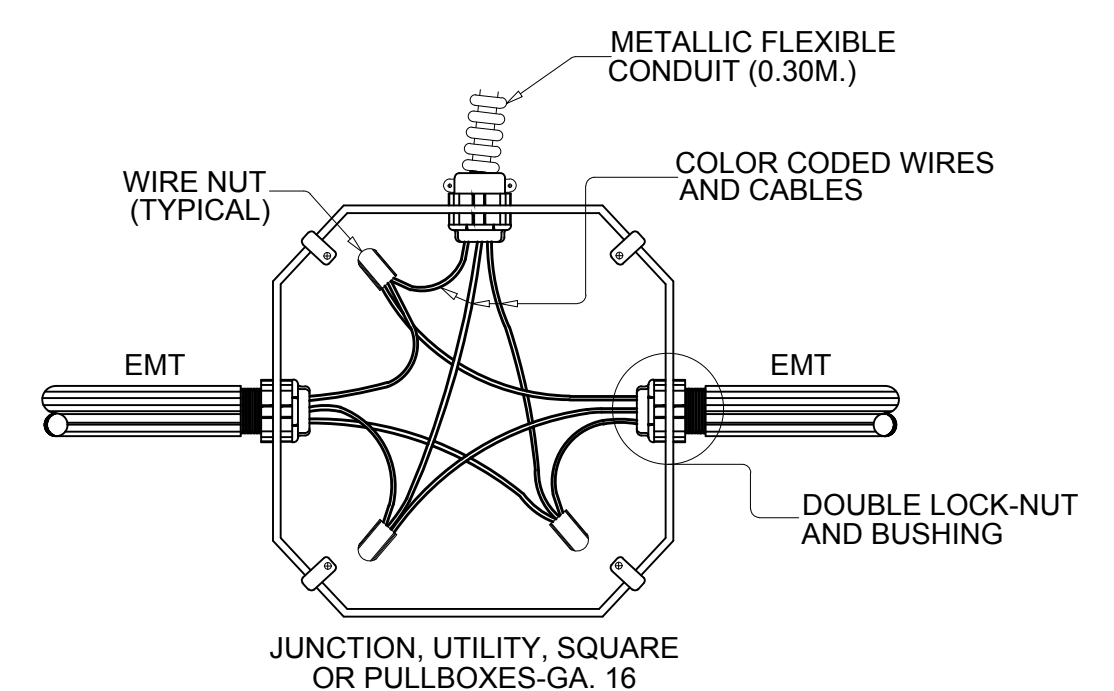
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM/SG DEPARTMENT OF FINANCE	SHEET CONTENT : POWER SINGLE LINE DIAGRAM	SHEET NO. E 12
	LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. Ocampo STREET, MANILA CITY	TO EXISTING BSP R6A PANEL TO EXISTING EDCP FEEDER RISER TO EXISTING SWITCHBOARD AT MAIN ELECTRICAL RM. 4ELVSB-7 TO EXISTING SWITCHBOARD AT MAIN ELECTRICAL RM. PACB-3 TO EXISTING SWITCHBOARD AT MAIN ELECTRICAL RM. PACB-4 TO EXISTING SWITCHBOARD AT MAIN ELECTRICAL RM. PACB-6 (NEW)	DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED: JUNE 2021			



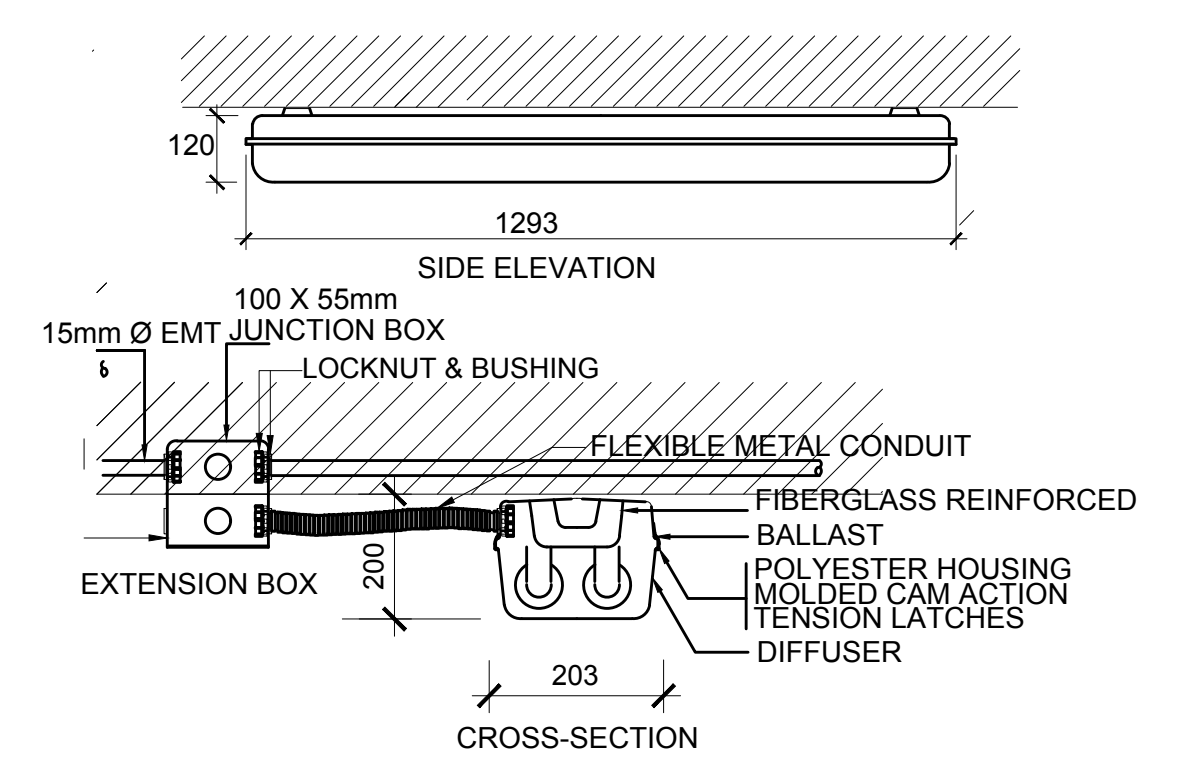
1 SMOKE DETECTOR CEILING SUSPENDED DETAIL
E-13



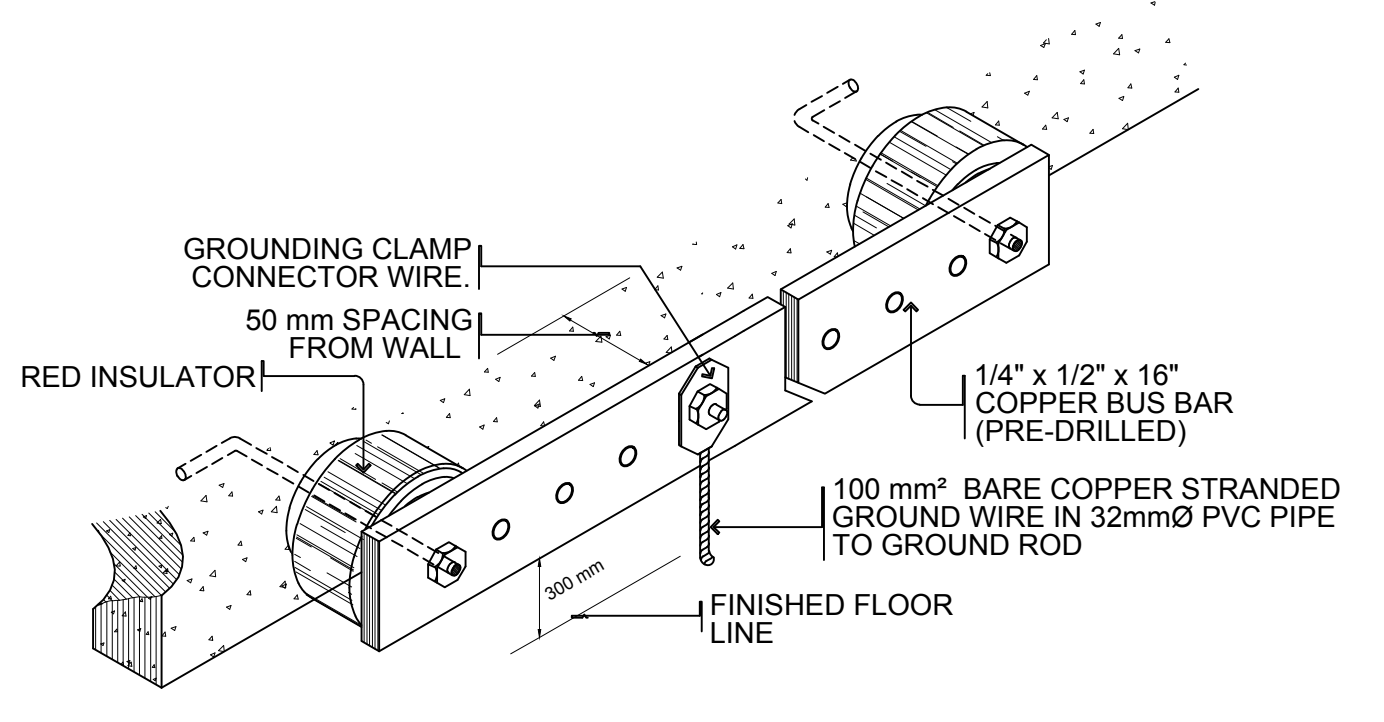
2 CONDUIT SUPPORT DETAIL
E-13



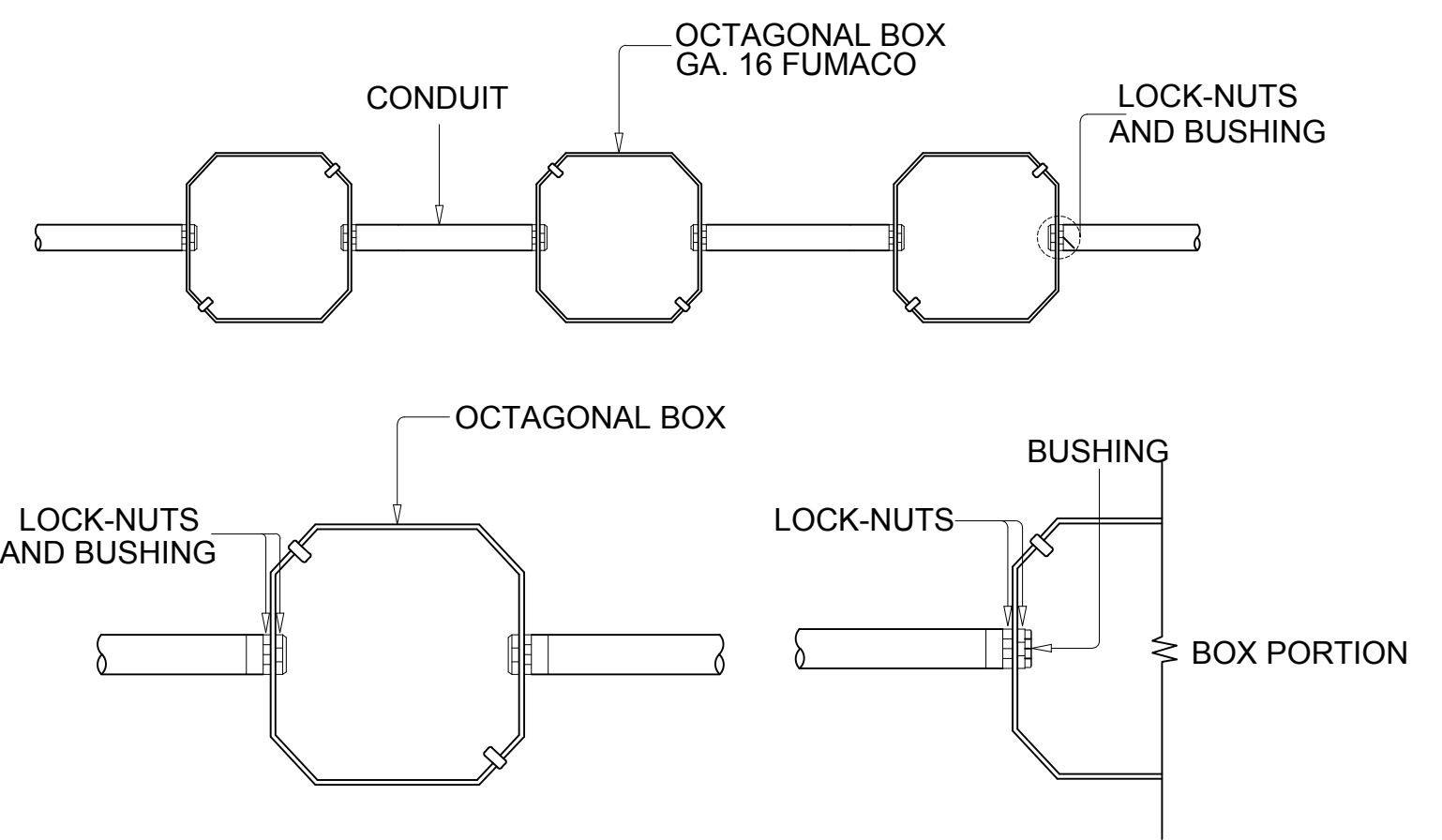
3 BOX CONNECTION DETAIL
E-13



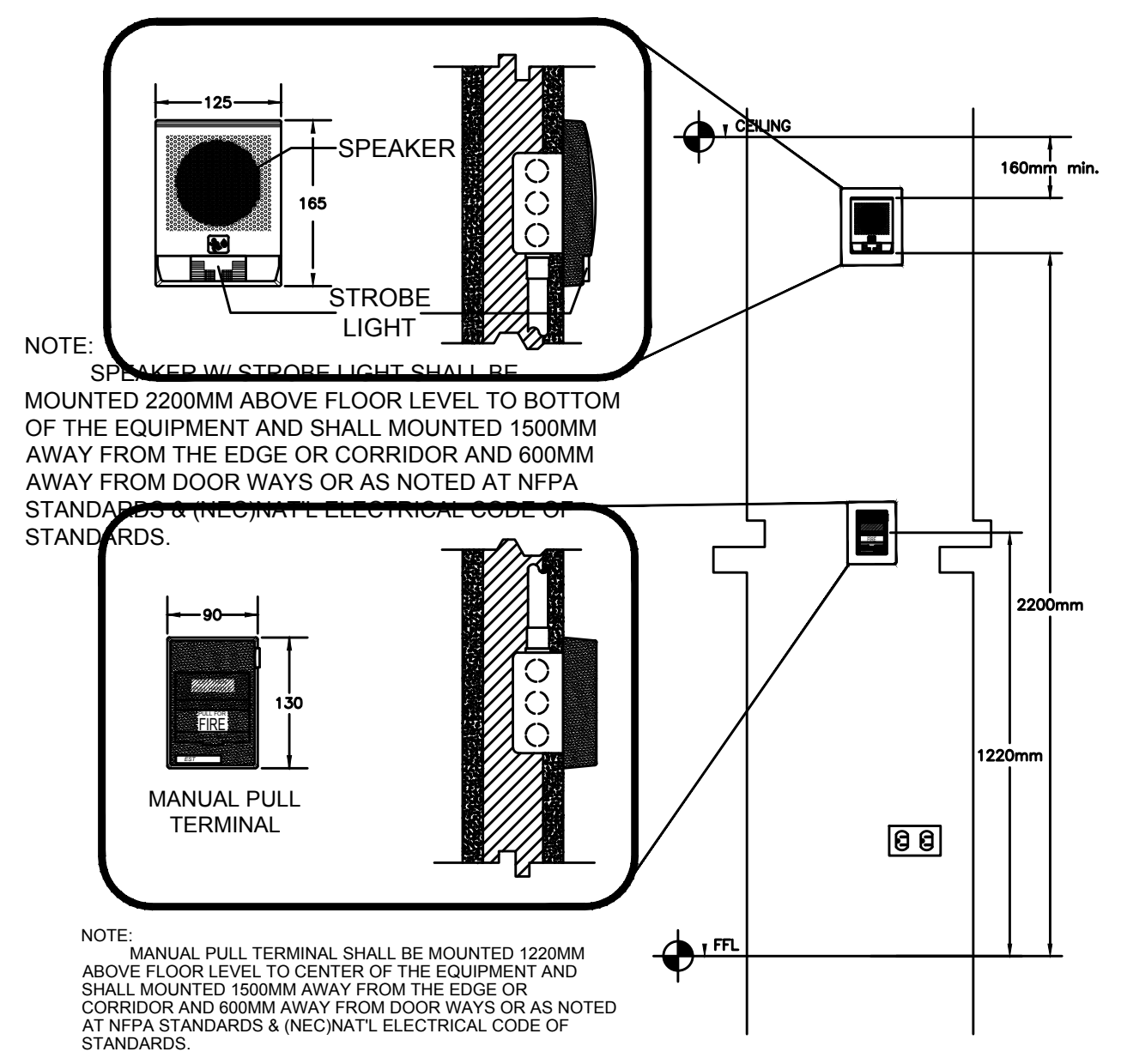
4 SURFACE MOUNTED
E-13



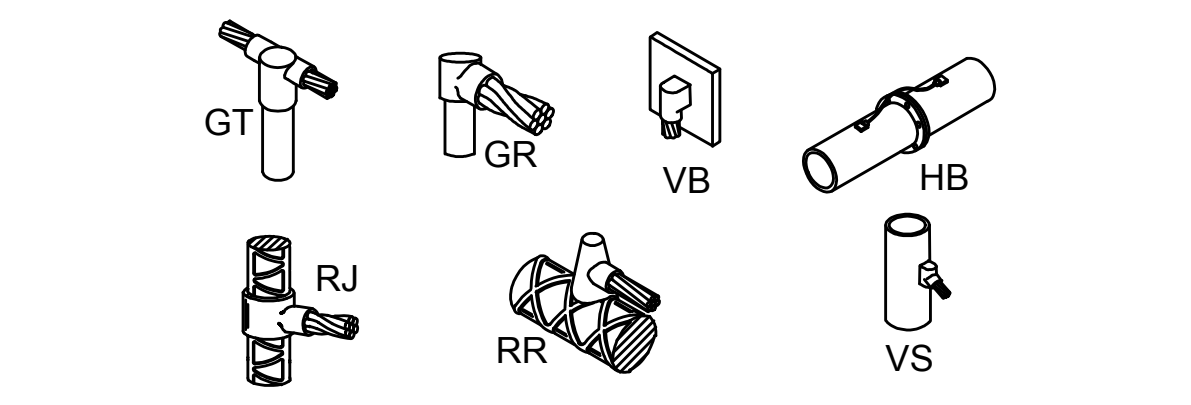
5 PRE-DRILLED COPPER BUSBAR DETAIL
E-13



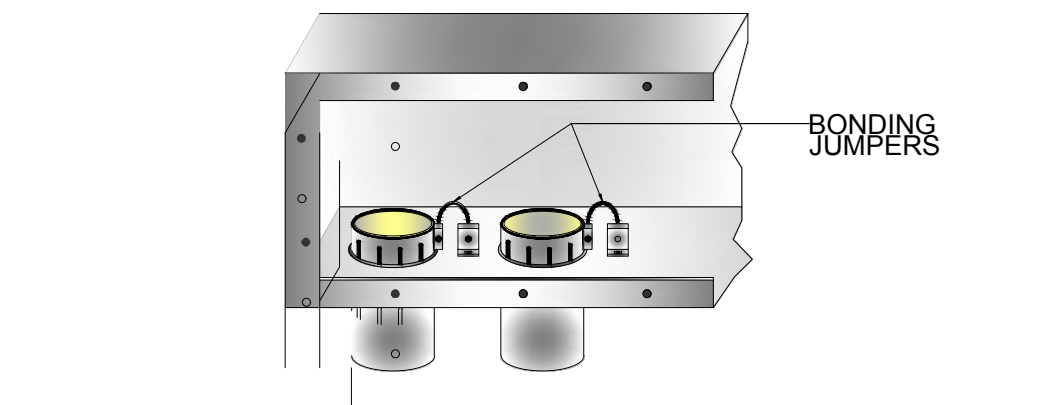
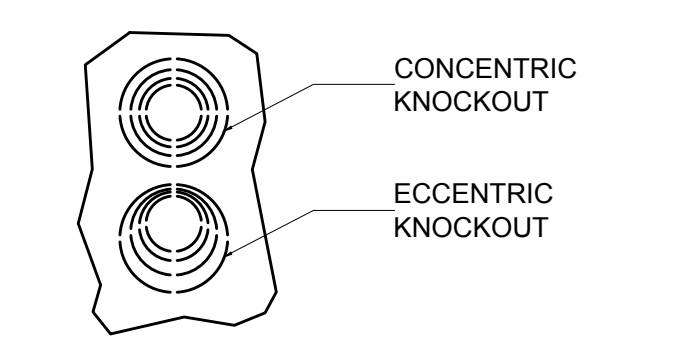
6 CONDUIT ON BOX INSTALLATION DETAIL
E-13



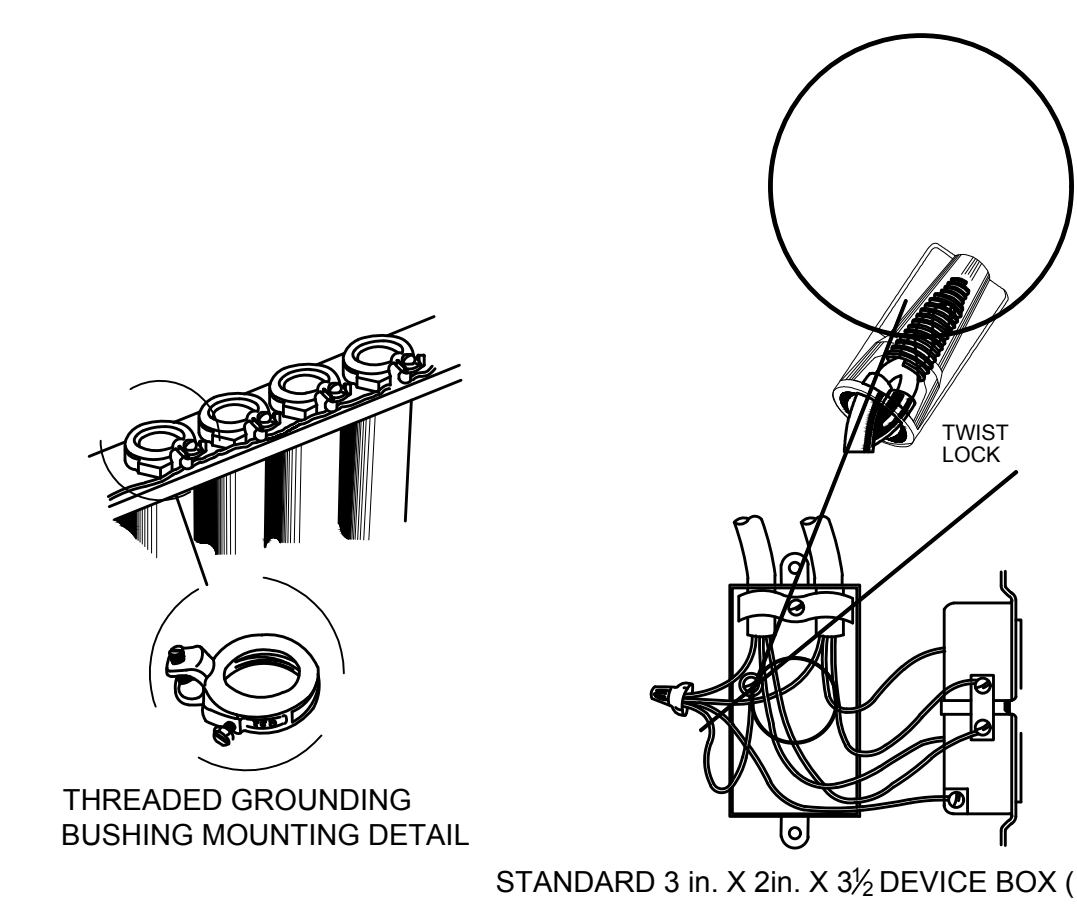
7 MANUAL PULL STATION DETAIL
E-13



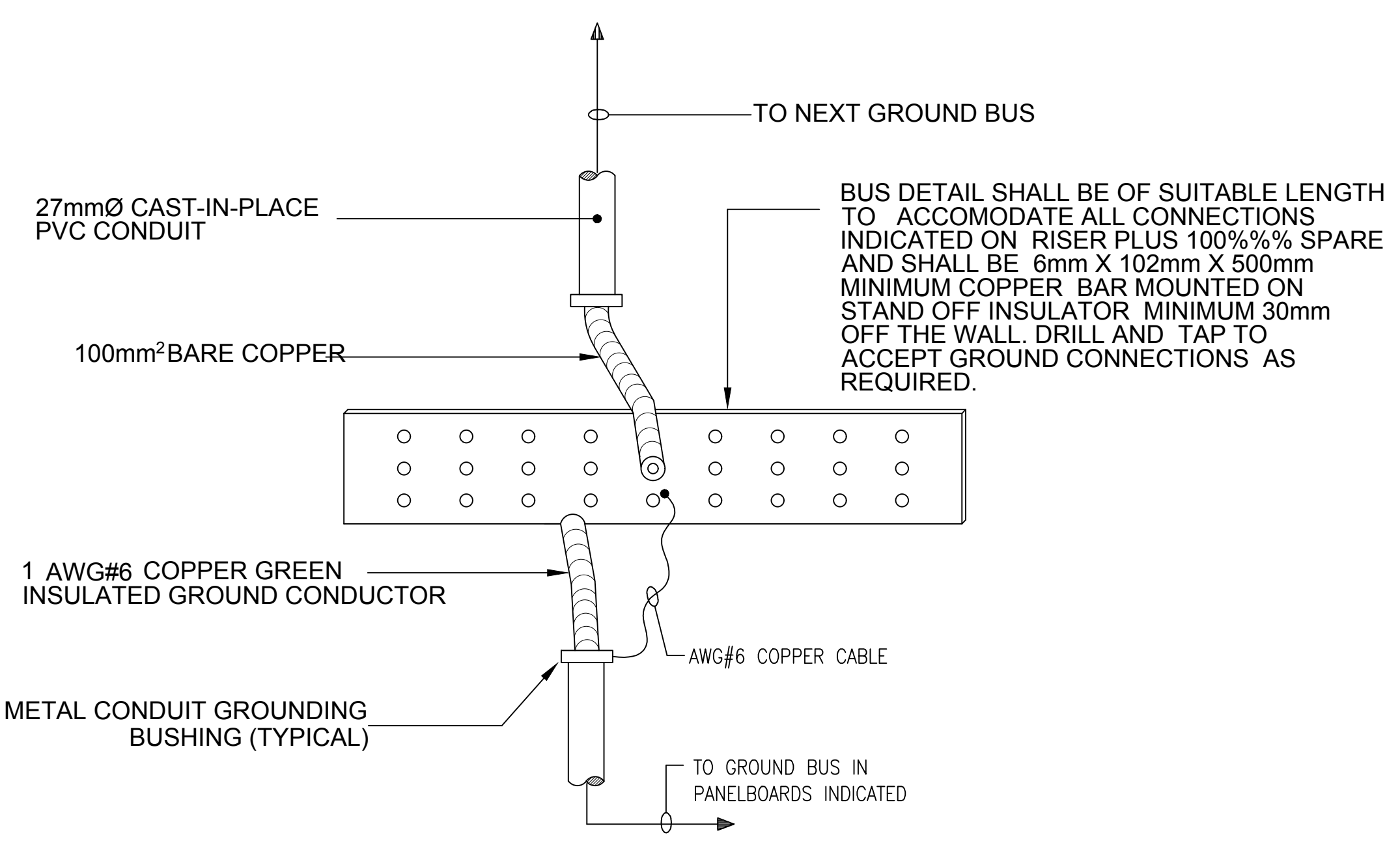
8 GROUNDING CONNECTION DETAIL
E-13



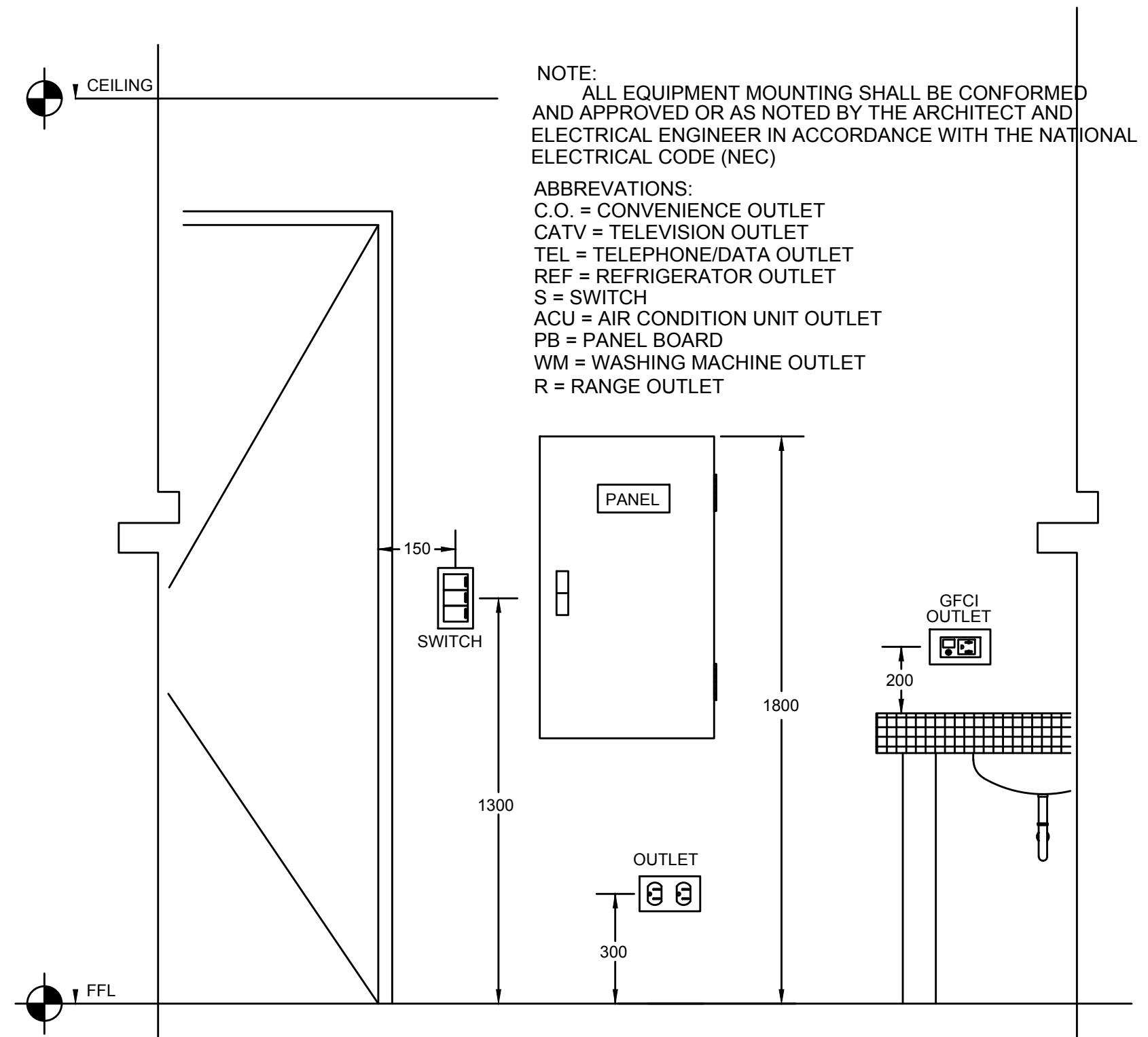
10 BONDING JUMPER DETAILS
E-13



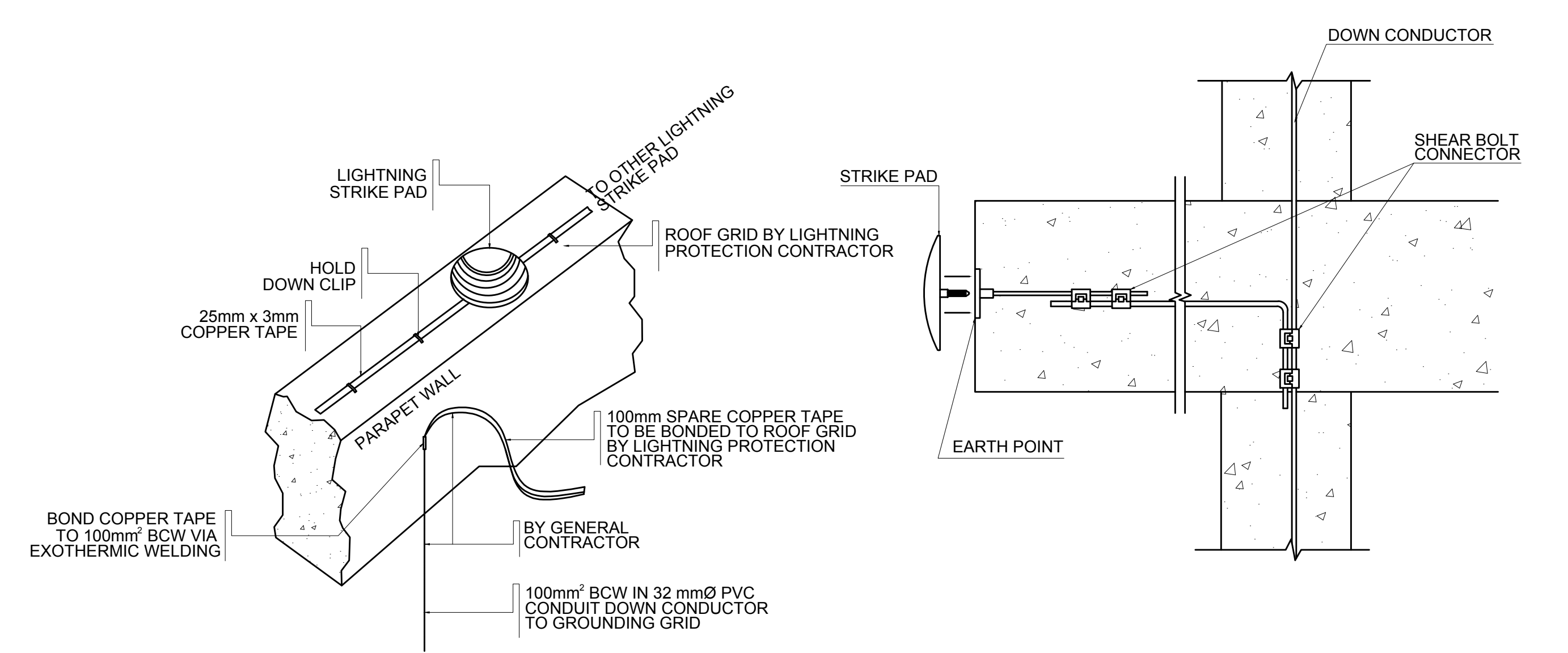
9 GROUNDING INSTALLATION DETAIL
E-13



11 TYPICAL ELECTRIC CLOSET GROUND BUS DETAIL
E-13



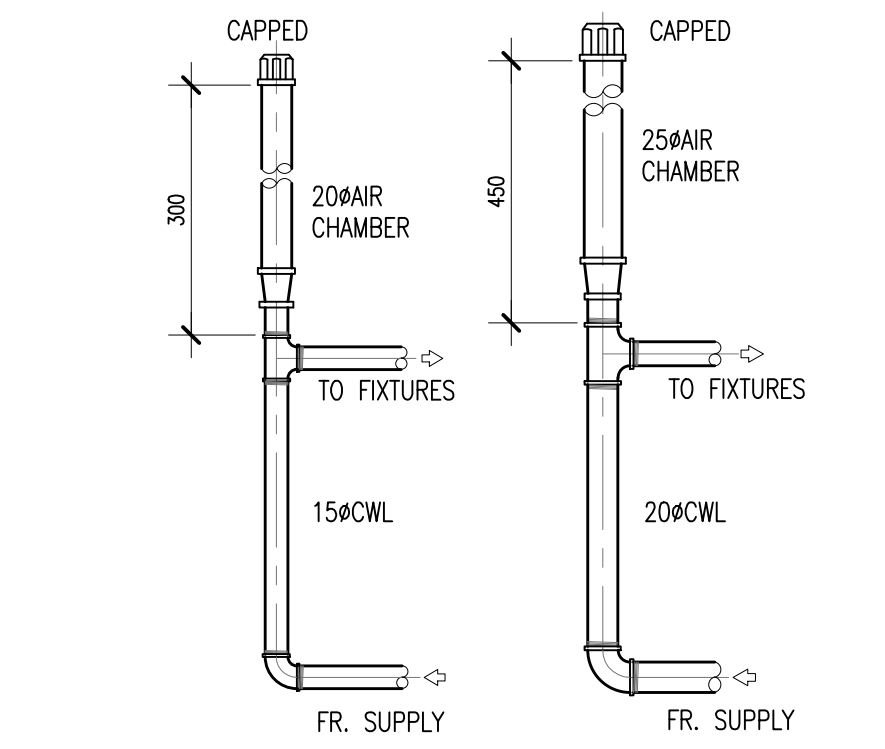
12 TYPICAL MOUNTING DETAILS
E-13



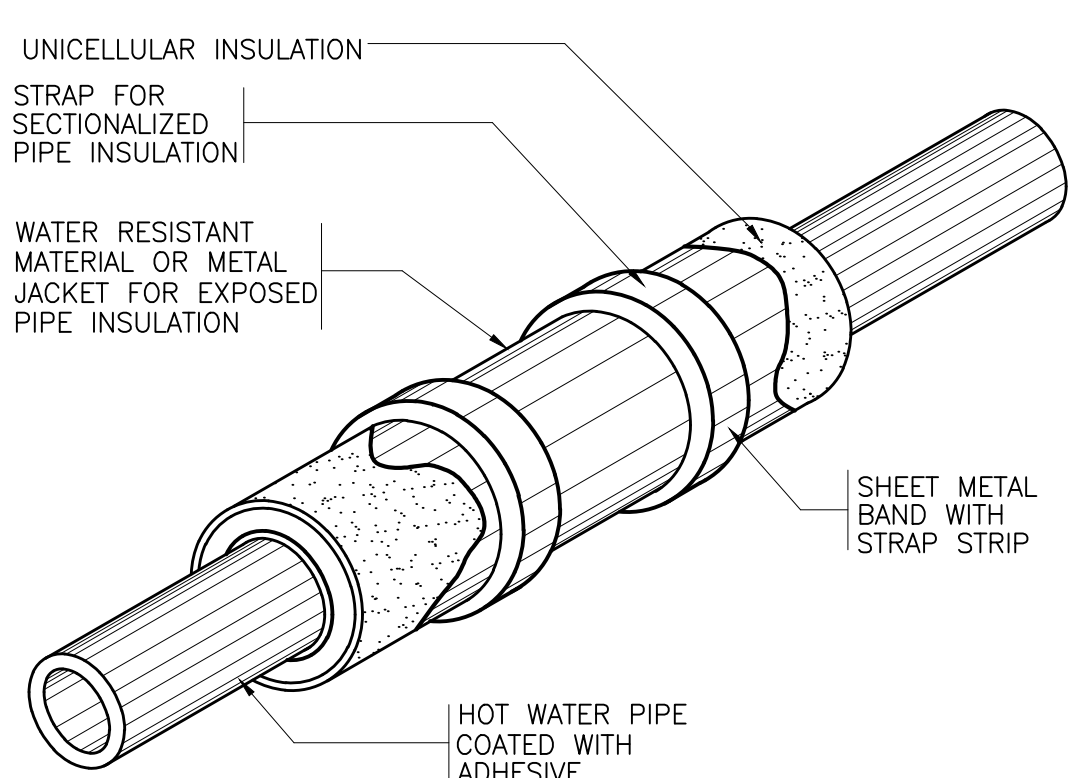
13 LIGHTNING STRIKE PAD DETAILS
E-13

DATE OF ISSUANCE: AUGUST 13, 2021

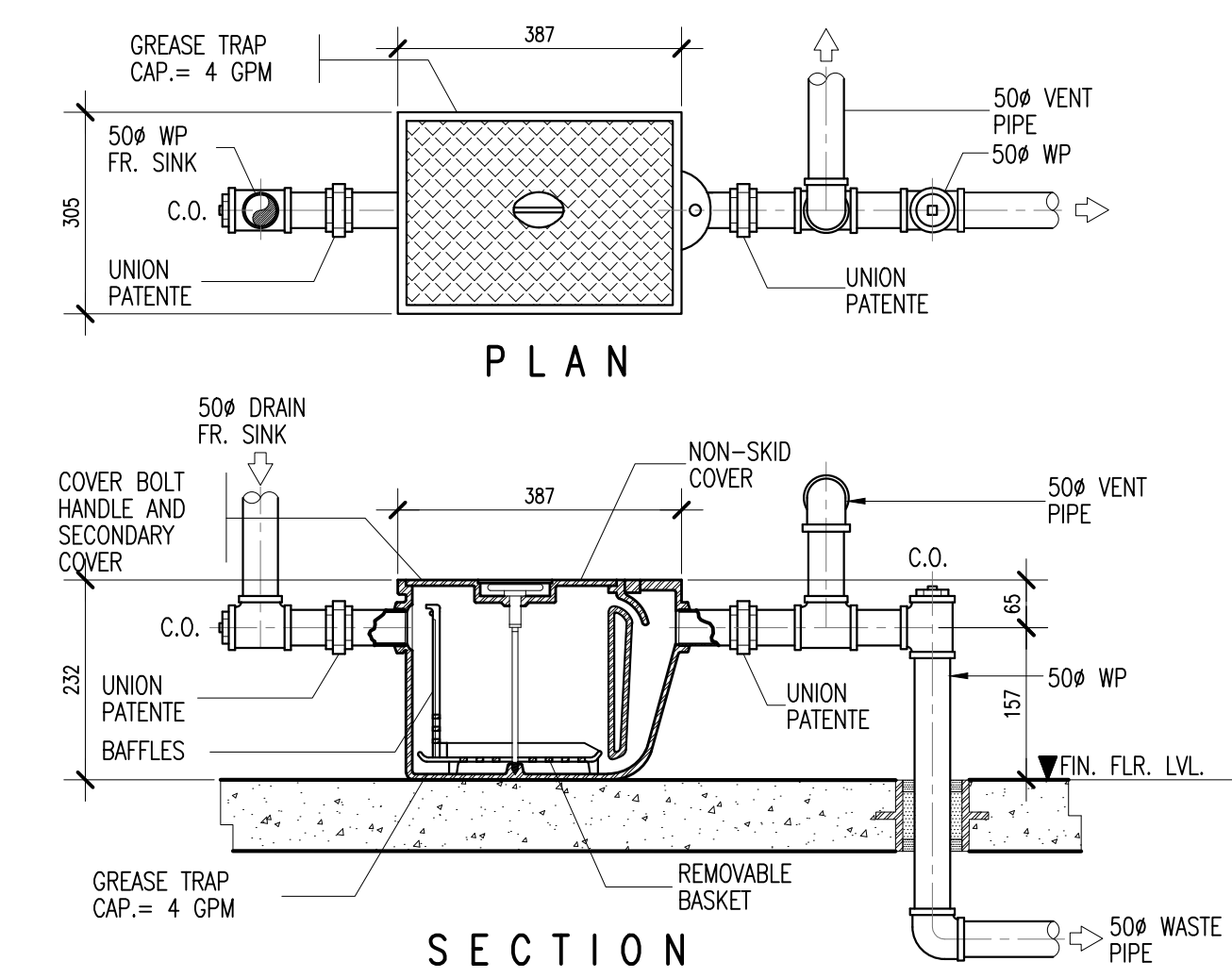
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSC DEPARTMENT OF FINANCE	SHEET CONTENT : MISCELLANEOUS DETAILS	SHEET NO. E 13
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED: JUNE 2021			



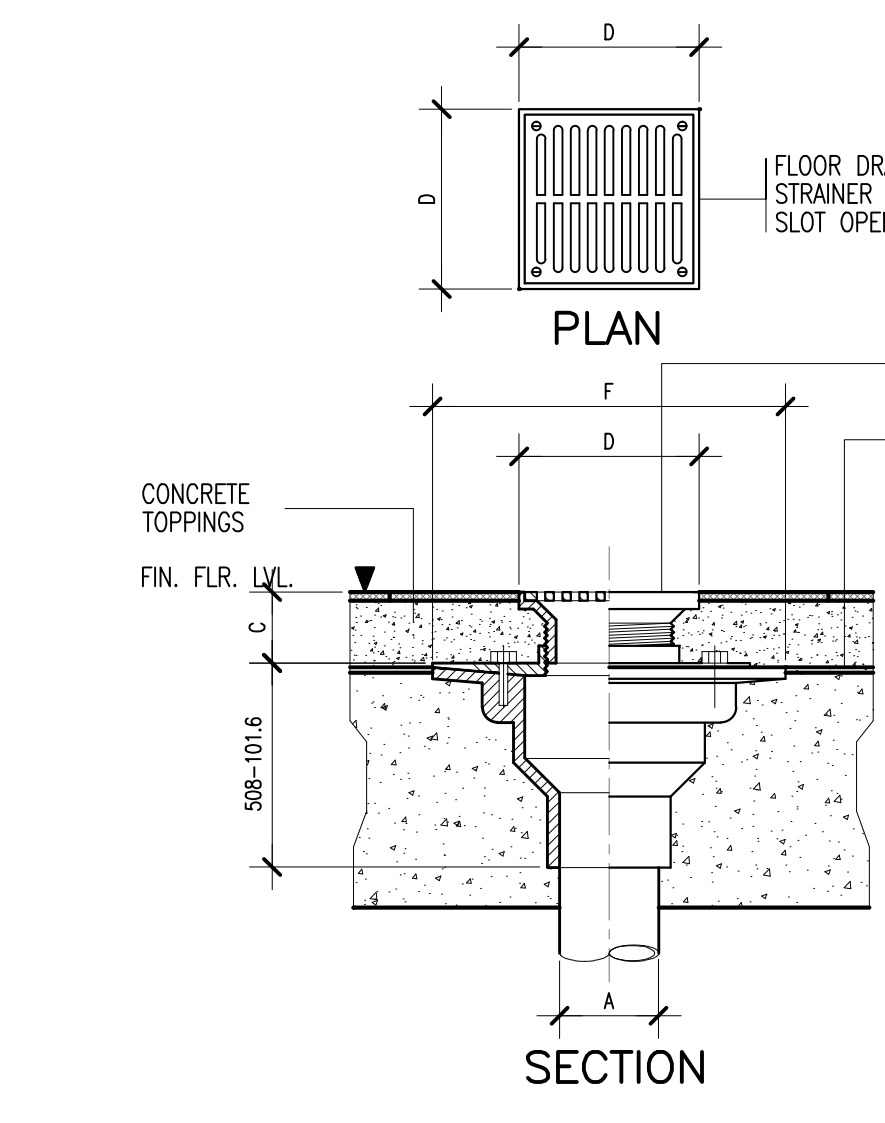
2 DETAIL OF AIR CHAMBER
P-1 SCALE 1:5 MTS.



3 DETAIL OF PIPE INSULATION
P-1 NOT TO SCALE



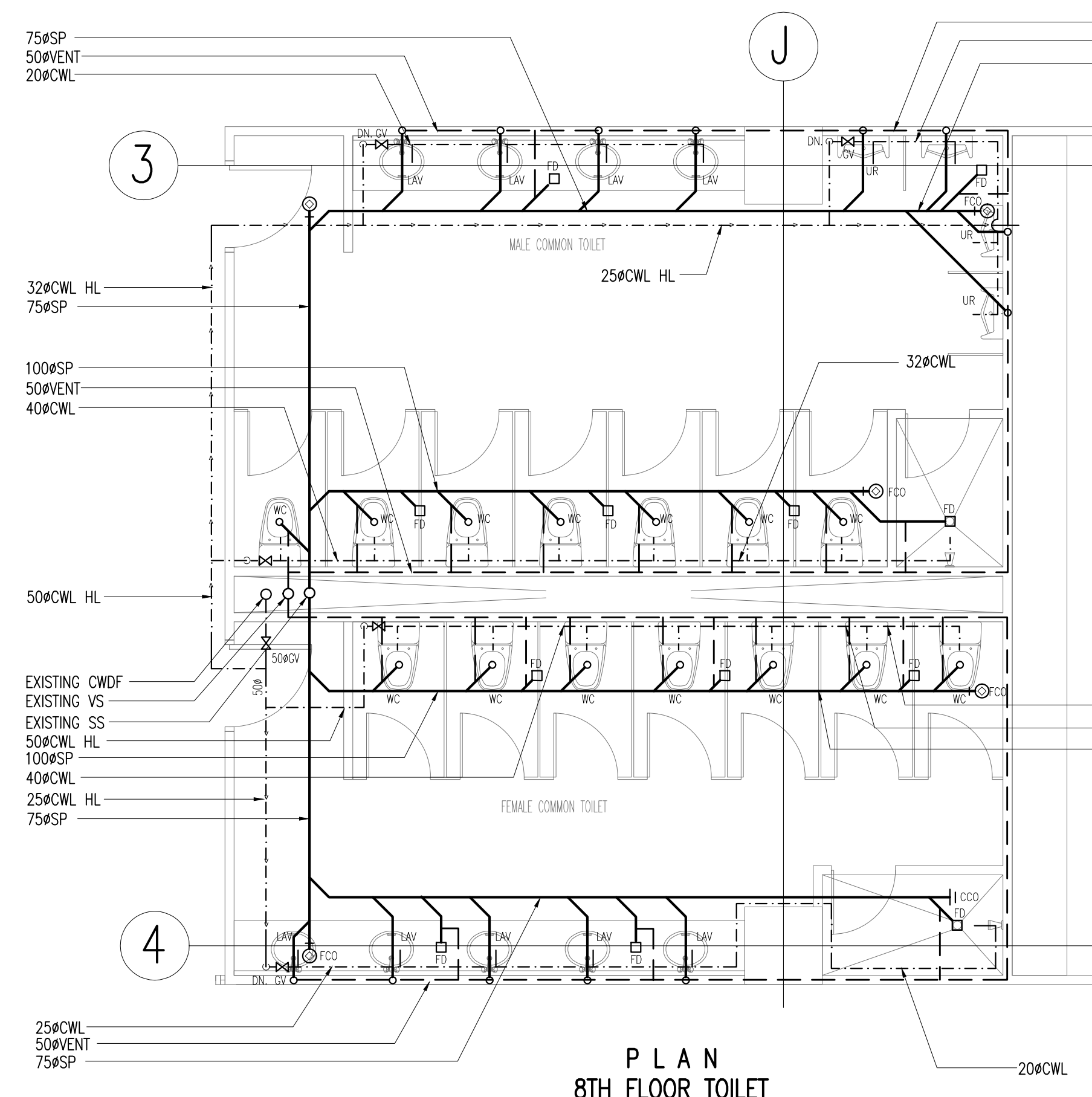
4 DETAIL OF GREASE TRAP
P-1 SCALE 1:10 MTS.



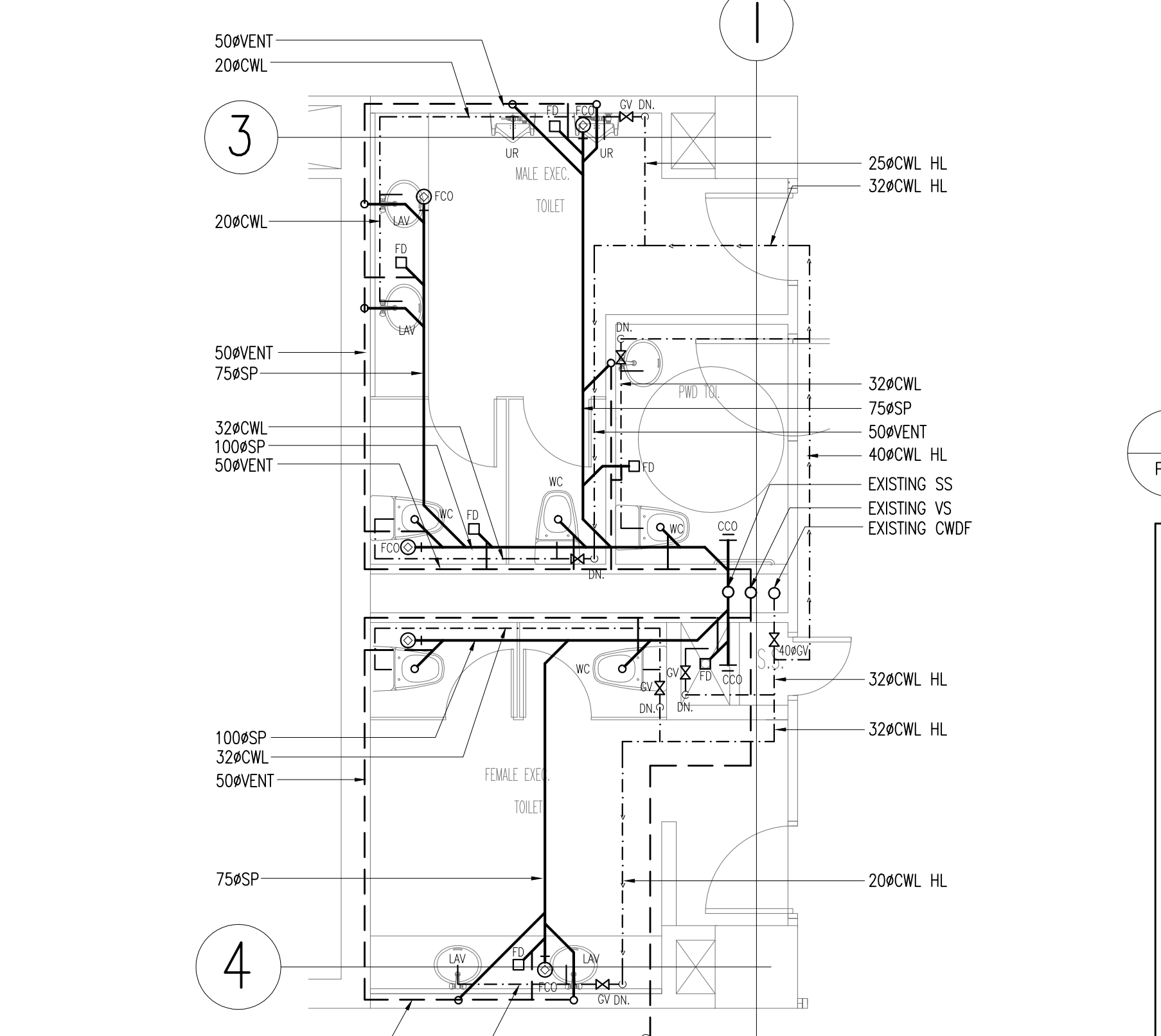
SCHEDULE OF DIMENSIONS

PIPE SIZE IN 'A'	C	D	F
50	38.10	100X100	225.42
75	38.10	125X125	225.42
100	40.00	150X150	225.42
150	50.80	200X200	282.57

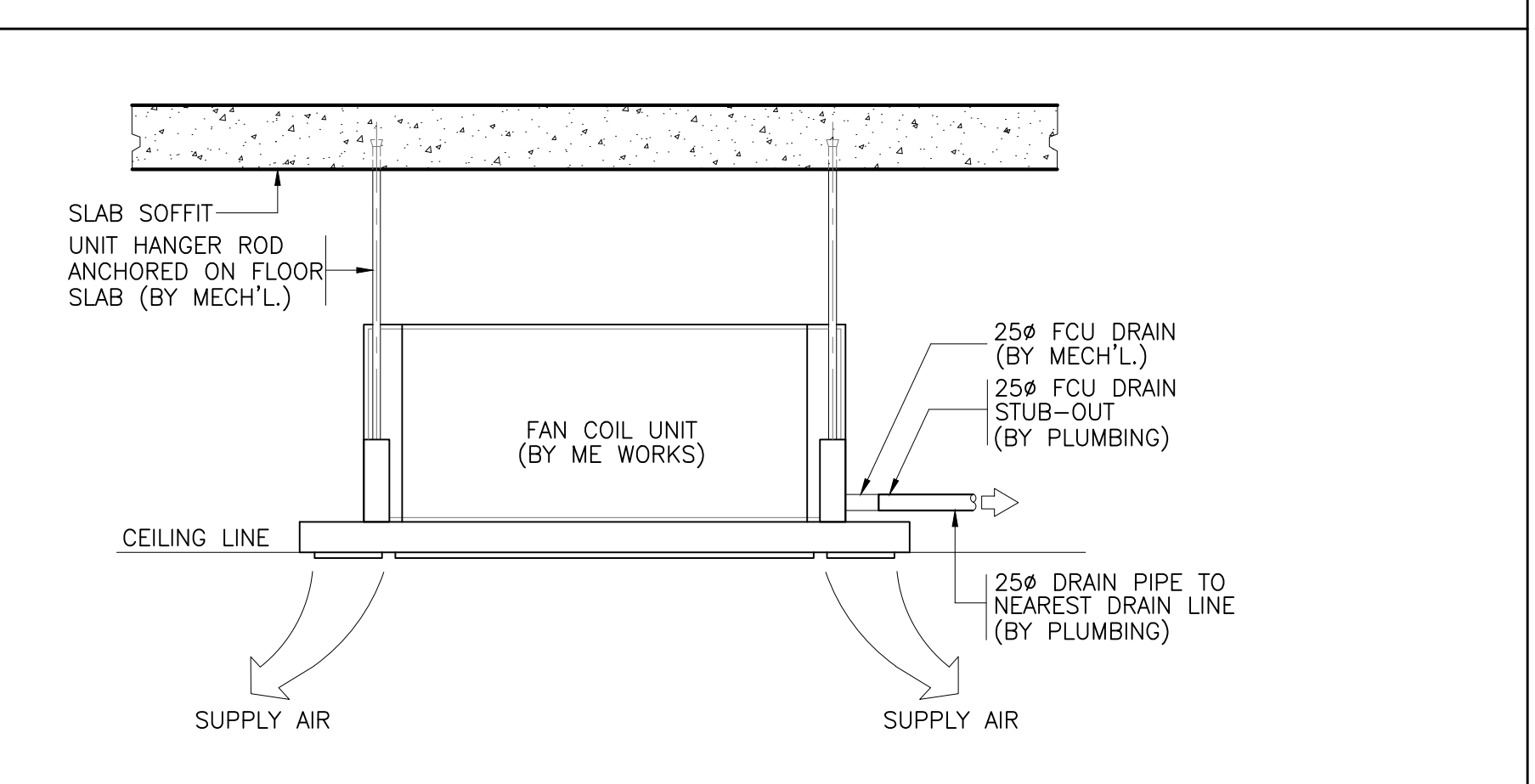
5 DETAIL OF FLOOR DRAIN
P-1 NOT TO SCALE



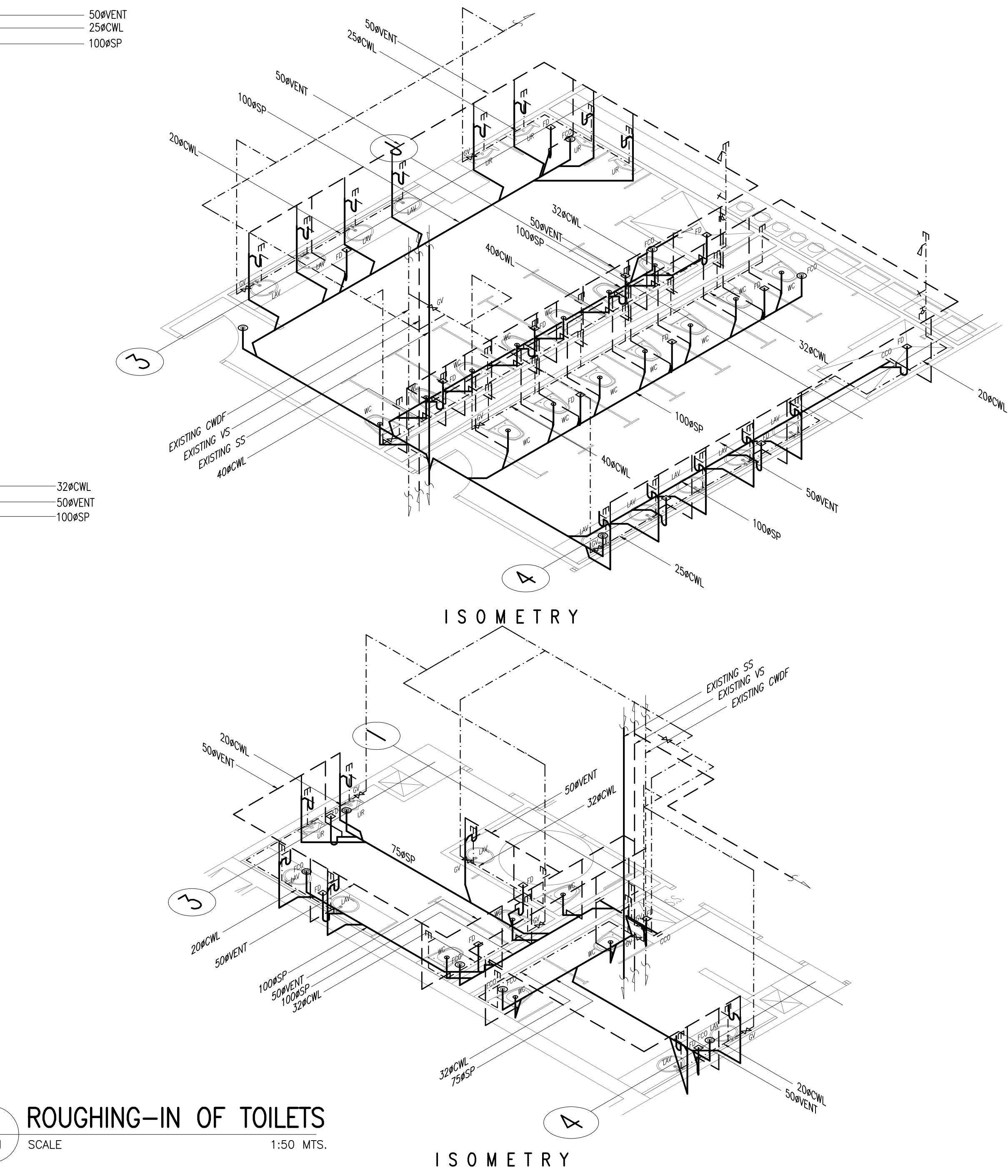
PLAN 8TH FLOOR TOILET



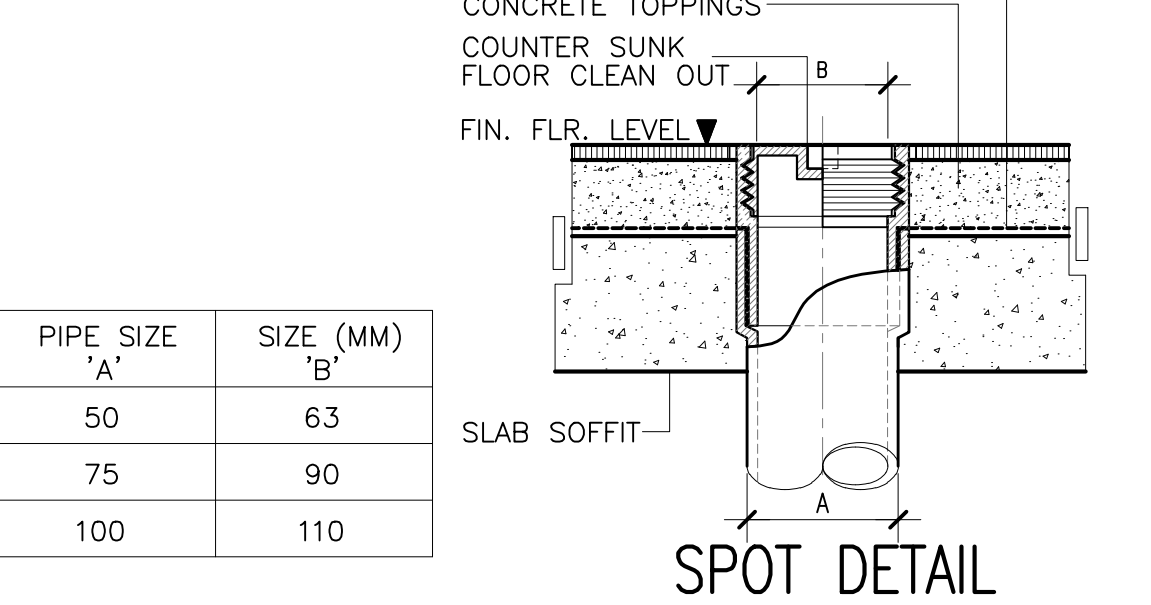
PLAN 8TH FLOOR TOILET



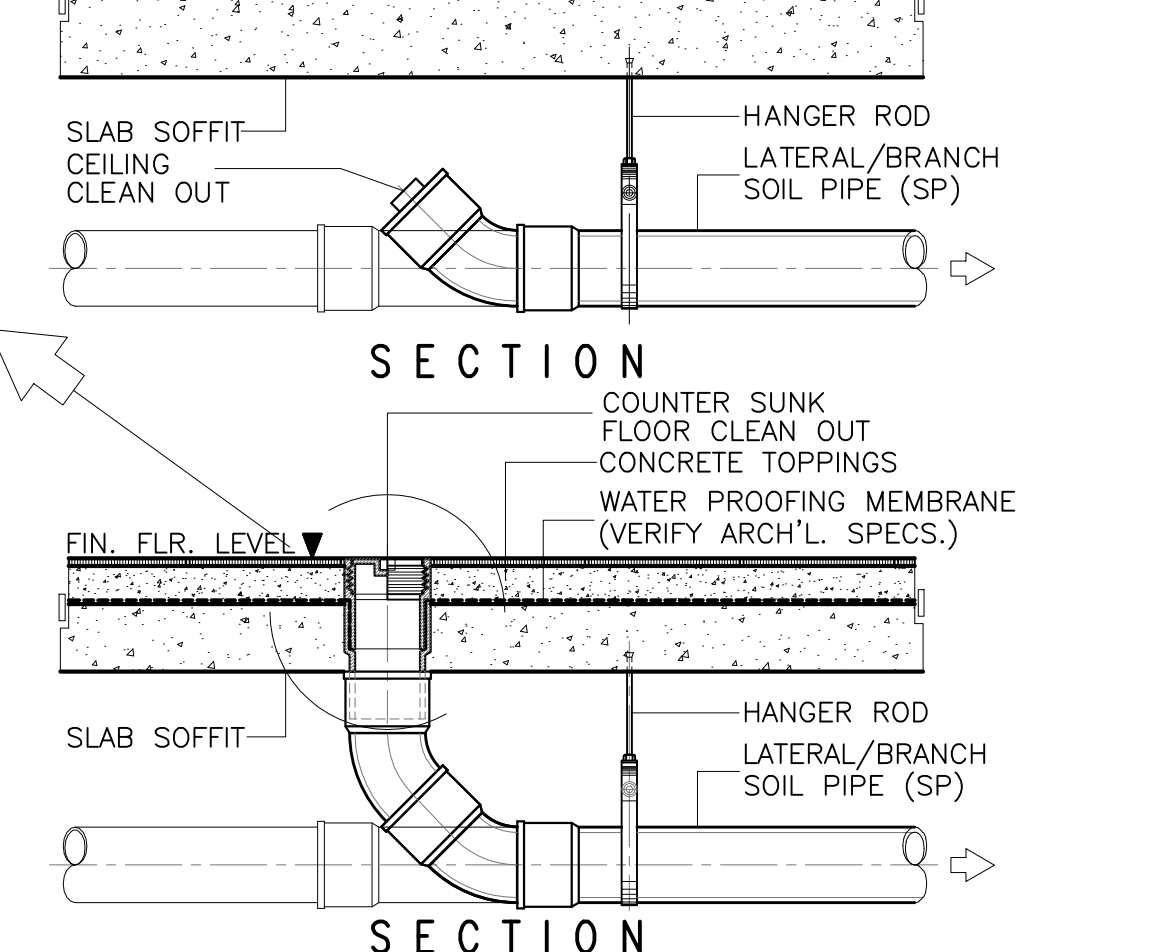
6 DETAIL OF F.C.U. DRAIN
P-1 SCALE 1:10 MTS.



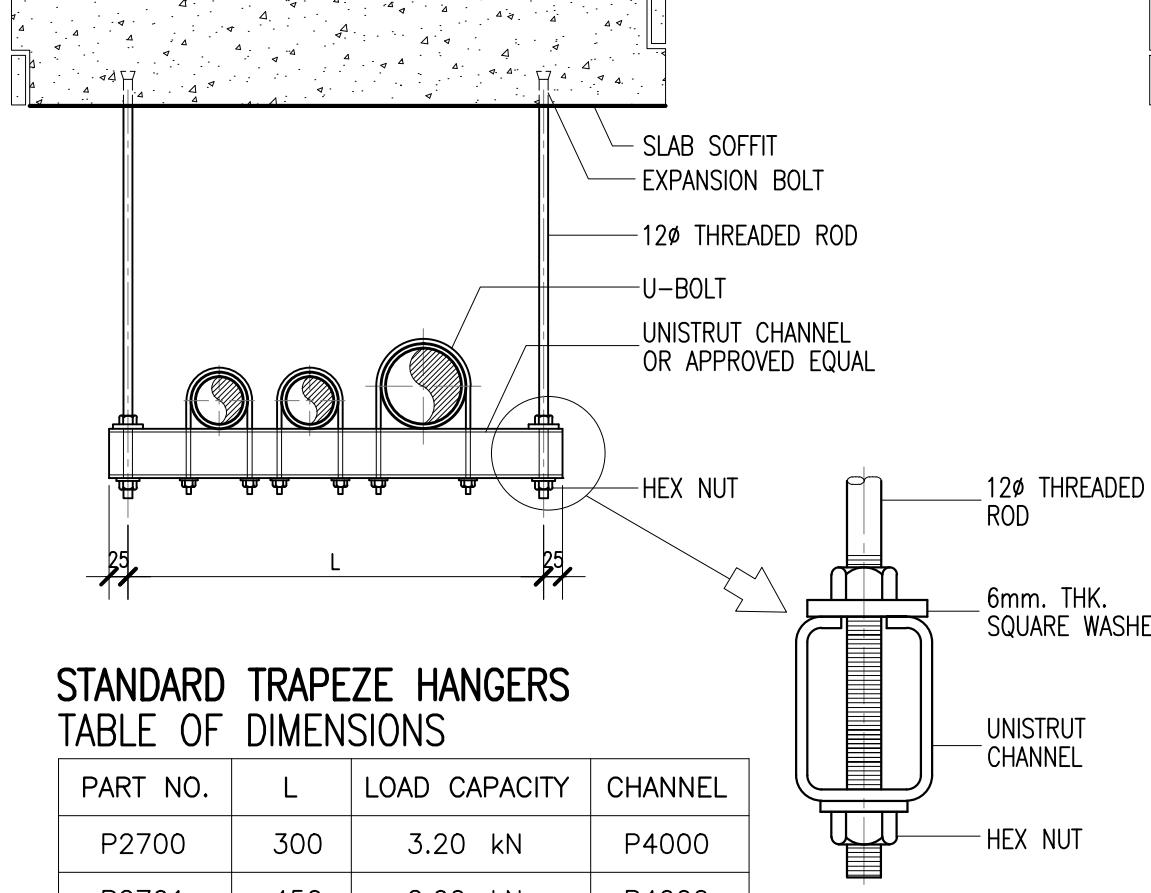
1 ROUGHING-IN OF TOILETS
P-1 SCALE 1:50 MTS.



SPOT DETAIL

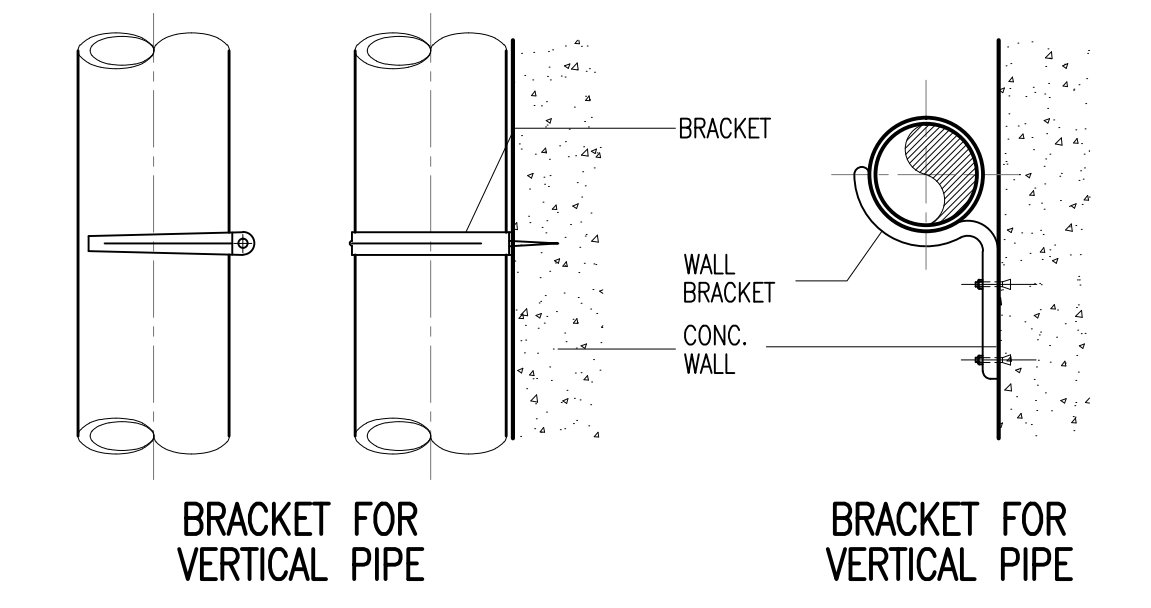


7 DETAIL OF CLEANOUT
P-1 SCALE 1:10 MTS.



STANDARD TRAPEZE HANGERS TABLE OF DIMENSIONS

PART NO.	L	LOAD CAPACITY	CHANNEL
P2700	300	3.20 kN	P4000
P2701	450	2.00 kN	P4000
P2702	600	1.45 kN	P4000
P2703	600	4.23 kN	P2000
P2704	750	3.34 kN	P2000
P2705	900	3.50 kN	P1000
P2705	1000	3.25 kN	P1000



8 DETAIL OF PIPE HANGERS, CLAMPS & BRACKETS
P-1 SCALE 1:10 MTS.

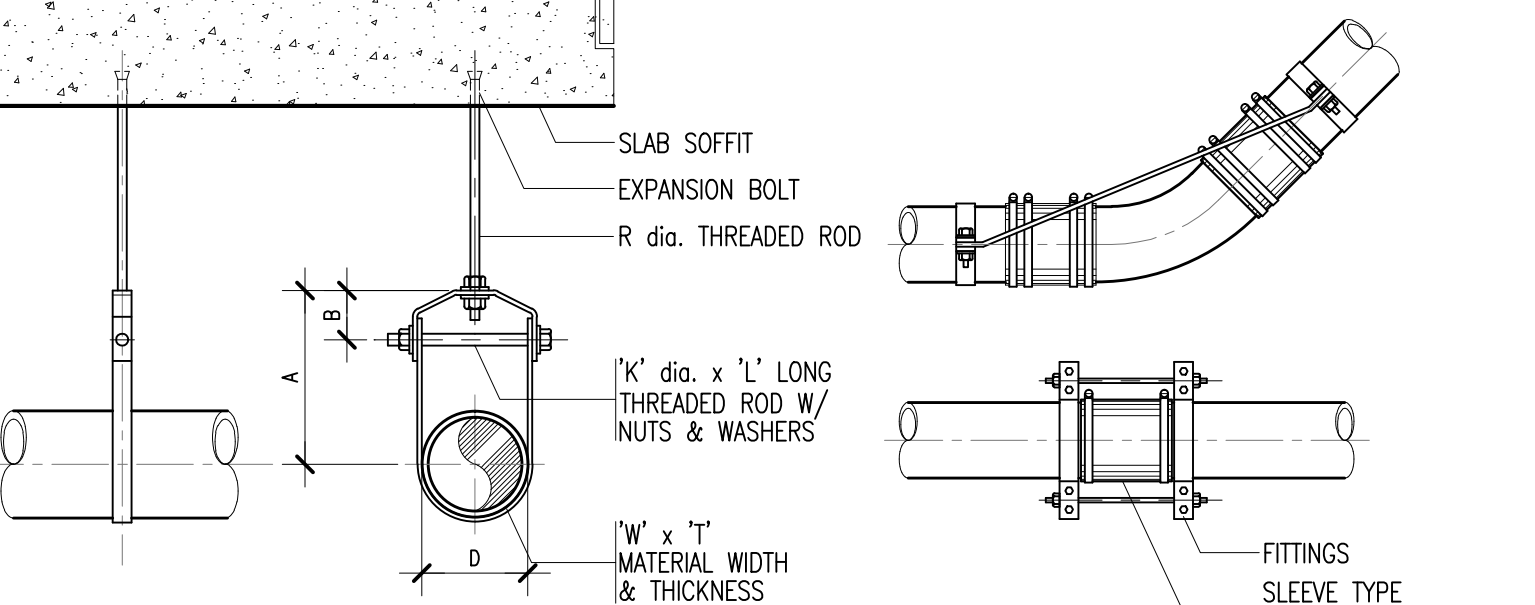
- GENERAL NOTES:**
- ALL PLUMBING WORKS INCLUDED HEREIN SHALL BE EXECUTED ACCORDING TO THE PROVISIONS OF THE NATIONAL PLUMBING CODE, THE NATIONAL BUILDING CODE & THE RULES & REGULATIONS OF CONCERNED MUNICIPALITY.
 - COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION. THE ENGINEER SHALL 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.
 - PROPOSED SANITARY UTILITIES SHALL CONFORM TO THE ACTUAL LOCATION, DEPTH AND INVERT ELEVATION OF ALL EXISTING PIPES AND STRUCTURES AS VERIFIED BY THE CONTRACTOR.
 - ALL PIPE SIZES SHOWN ON PLANS ARE NOMINAL SIZES (INSIDE DIAMETER)
 - ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 1% MINIMUM FOR SANITARY/SEWER PIPES.
 - ALL SLOPES FOR HORIZONTAL DRAINAGE SHALL MAINTAIN 0.5% MINIMUM FOR STORM DRAINAGE PIPES.
 - SIZE OF WATER SUPPLY PIPES TO FIXTURES SHALL BE IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS.
 - THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY/CHECK AT SITE ALL EXISTING PIPE SIZES, LOCATION AND INVERT ELEVATIONS.
 - ALL EXPOSED CONDENSATE DRAIN LINES AND HOT WATER LINES SHALL BE PROVIDED WITH PIPE INSULATION.

- MATERIAL SPECIFICATIONS:**
- COLD WATER LINE** SHALL BE HIGH DENSITY PPRC (POLYPROPYLENE RANDOM COPOLYMER) PN-20 PIPE MATERIALS. FITTINGS SHALL BE FUSION WELD TYPE, IMPORTED CONFORMING TO GERMAN TECHNOLOGY DIN 8077-8078 AND ASTM 1281-93.
- SEWER LINES/ VENT PIPES** ALL NEW HORIZONTAL LINES & COLLECTORS SHALL BE POLYVINYL CHLORIDE PIPES (PVC) SERIES 1000.
- WASTE LINES** ALL NEW HORIZONTAL LINES & COLLECTORS SHALL BE POLYVINYL CHLORIDE PIPES (PVC) SERIES 1000.
- CONDENSATE DRAIN PIPES** SHALL BE POLYVINYL CHLORIDE (PVC) PIPE SERIES 1000 SOLVENT CEMENT JOINT TO ASTM D2564. ALL EXPOSED FCU DRAIN LINES SHALL BE PROVIDED WITH 1/2" THICK CLOSE CELL ELASTOMERIC THERMAL INSULATION.

- LEGEND:**
- WATER DISTRIBUTION SYSTEM**
- CWL COLD WATER LINE
 - CWL HL COLD WATER LINE HIGH LEVEL
 - GV GATE VALVE
 - HB HOSE BIBB
 - WM WATER METER
 - UP/DN UP/DOWN
- WASTE, SEWER & VENT SYSTEM**
- SP SEWER/SOIL PIPE
 - VP VENT PIPE
 - VP HL VENT PIPE HIGH LEVEL
 - SS/VS SOIL/VENT STACK
 - FCO FLOOR CLEANOUT
 - CCO CEILING CLEANOUT
 - FD FLOOR DRAIN
 - WP WASTE PIPE

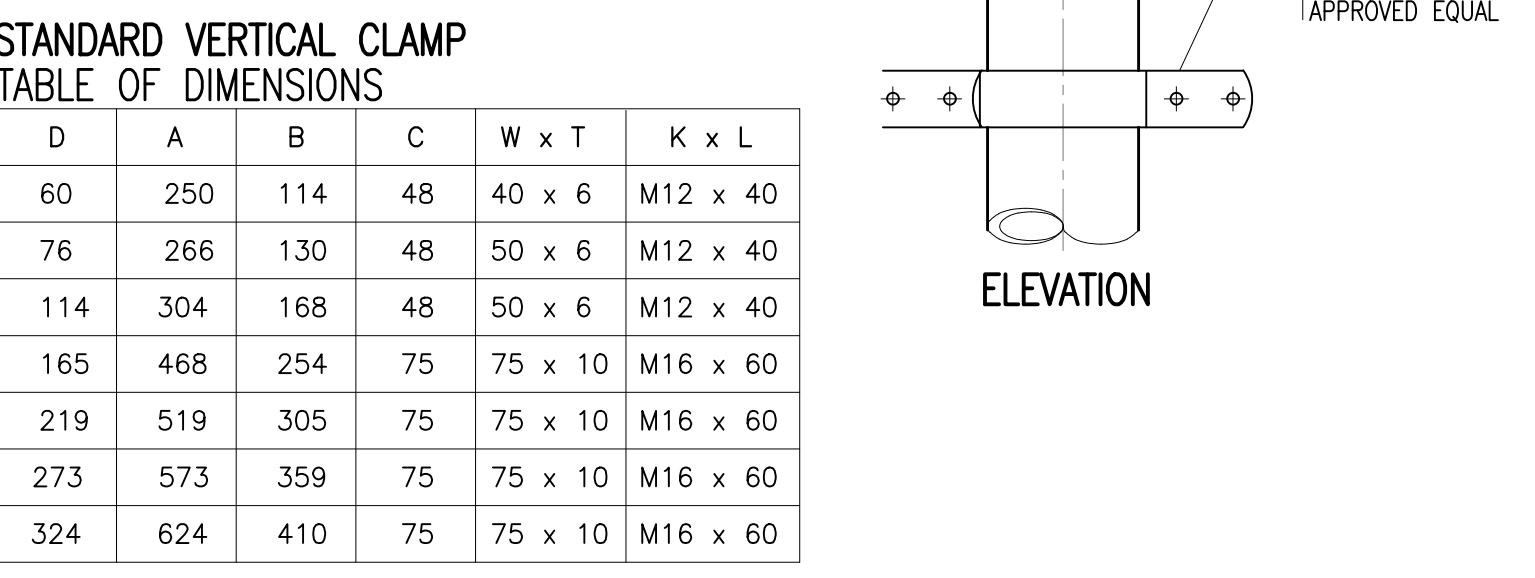
- DRAINAGE SYSTEM**
- CDP CONDENSATE DRAIN PIPE
 - CDP HL CONDENSATE DRAIN PIPE HIGH LEVEL
 - PIPE INSULATION

- PLUMBING FIXTURES**
- LAV LAVATORY
 - WC WATER CLOSET
 - KS KITCHEN SINK
 - UR URINAL



STANDARD CLEVIS HANGERS TABLE OF DIMENSIONS

D	A	B	R	W x T	K x L
34	80	45	12	25 x 3	M10 x 70
43	90	50	12	25 x 3	M10 x 80
48	95	50	12	25 x 3	M10 x 85
60	105	55	12	25 x 3	M10 x 100
76	115	60	14	40 x 6	M12 x 115
89	125	60	14	40 x 6	M12 x 130
114	145	65	18	40 x 6	M16 x 160
140	165	75	18	40 x 6	M16 x 190
165	185	80	18	40 x 6	M16 x 210



STANDARD VERTICAL CLAMP TABLE OF DIMENSIONS

D	A	B	C	W x T	K x L
60	250	114	48	40 x 6	M12 x 40
76	266	130	48	50 x 6	M12 x 40
114	304	168	48	50 x 6	M12 x 40
165	468	254	75	75 x 10	M16 x 60
219	519	305	75	75 x 10	M16 x 60
273	573	359	75	75 x 10	M16 x 60
324	624	410	75	75 x 10	M16 x 60

JOSE MARIUS R. TUAZON
SANITARY ENGINEER PRC No. 2472

PTR NO. : 0730102 DATE : 01-05-2021

ISSUED AT : QUEZON CITY TIN : 266-303-949

DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPLICATION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.

REPUBLIC ACT 9266

PROJECT TITLE : **DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION**

LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY

APPROVED BY: **DIR. ALVIN P. DIAZ**
DIRECTOR IV - CAO
DEPARTMENT OF FINANCE

APPROVED BY: **DIR. MARLENE LUCERO-CALUBAG**
EXECUTIVE DIRECTOR
NATIONAL TAX RESEARCH CENTER

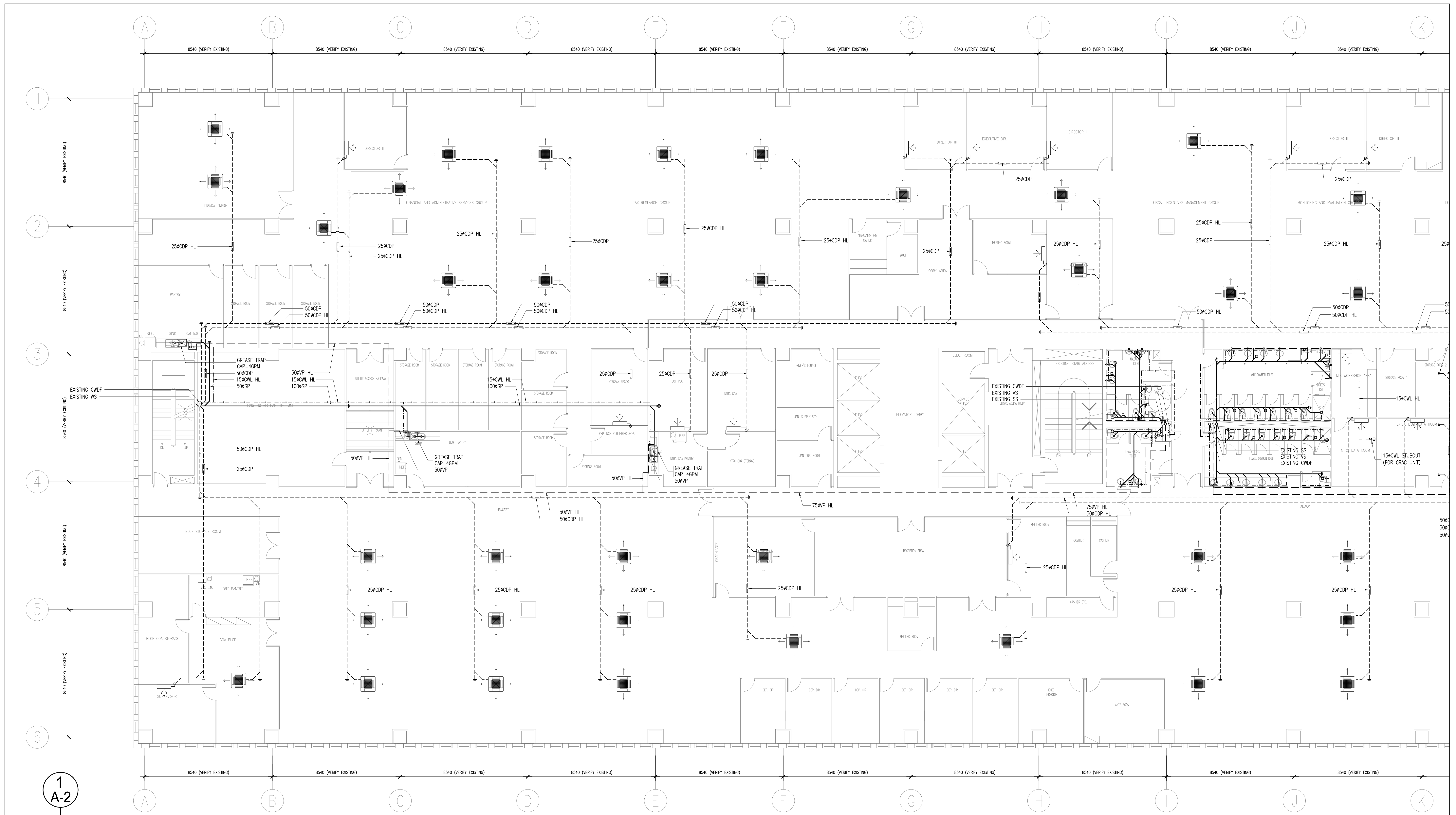
APPROVED BY: **USEC. GIL S. BELTRAN**
UNDERSECRETARY - PDMSC
DEPARTMENT OF FINANCE

SHEET CONTENT : **ROUGHING-IN OF TOILETS MISCELLANEOUS DETAILS**

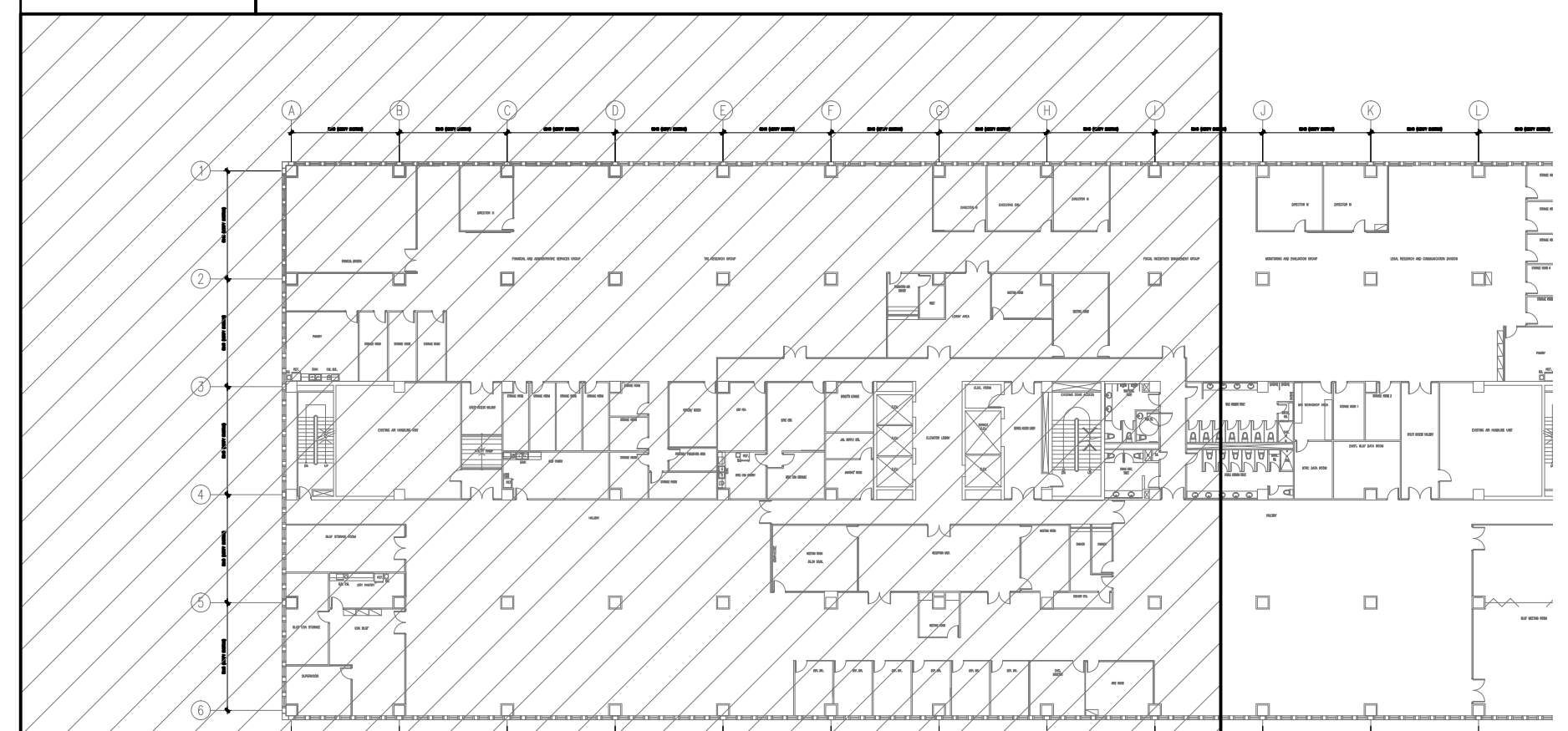
DRAWN BY : BFC CHECKED BY : BFC

DESIGNED BY : BFC DATE STARTED : JUNE 2021

SHEET NO. **P 1**

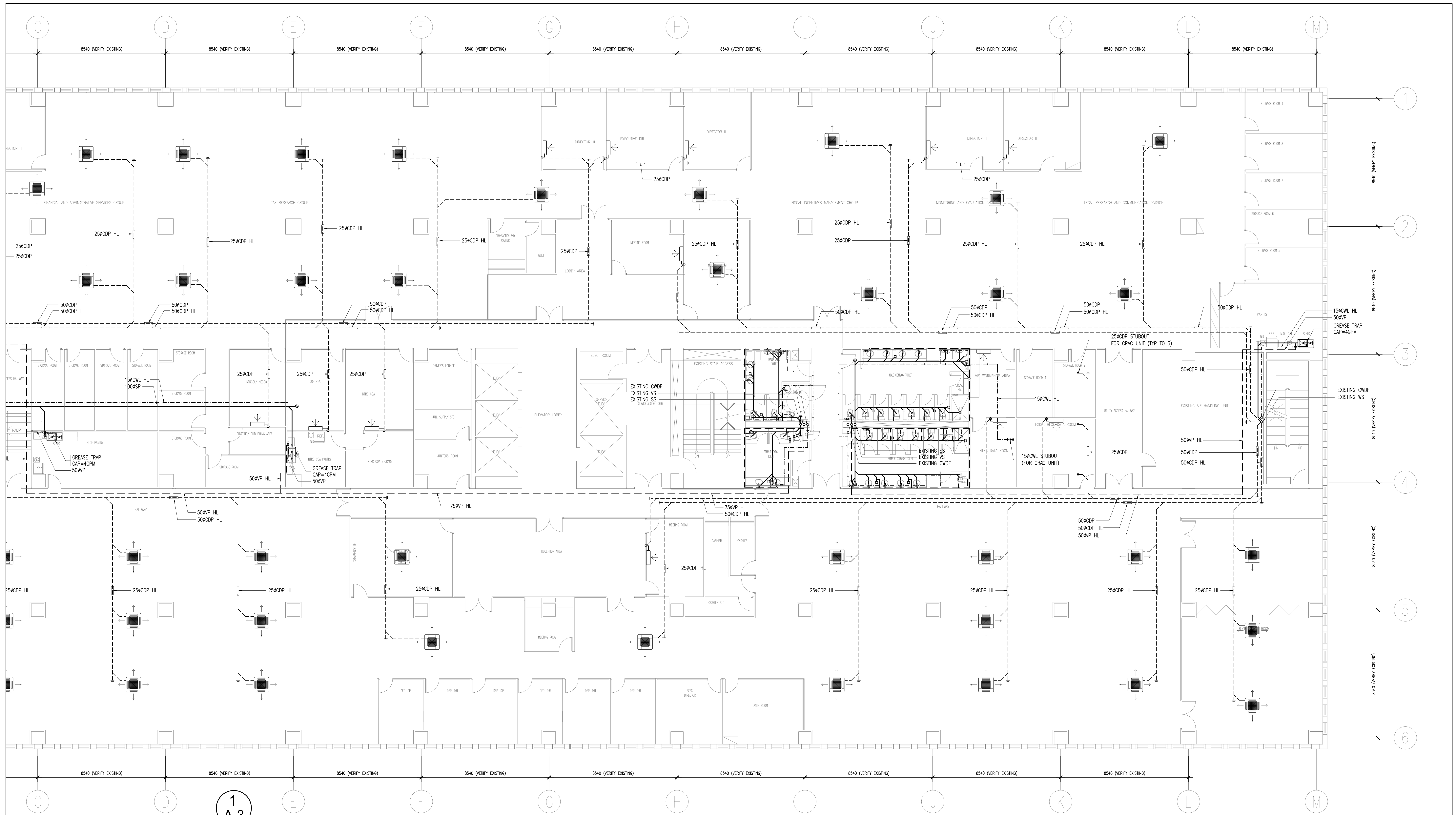


1 PARTIAL 8TH FLOOR PLUMBING LAYOUT
 P-2 SCALE 1:100 MTS



2 KEY PLAN
 P-2 SCALE 1:500 MTS

JOSE MARIUS R. TUAZON SANITARY ENGINEER PRC No. 2472 PTR NO. : 0730102 DATE : 01-05-2021 ISSUED AT : QUEZON CITY TIN : 266-303-949	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY : DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY : DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY : USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSC DEPARTMENT OF FINANCE	SHEET CONTENT : PARTIAL 8TH FLOOR PLUMBING LAYOUT	SHEET NO. P 2
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : BFC DESIGNED BY : BFC	CHECKED BY : BFC DATE STARTED : JUNE 2021			



1 PARTIAL 8TH FLOOR PLUMBING LAYOUT
 P-3 SCALE 1:100 MTS

2 KEY PLAN
 P-3 SCALE 1:500 MTS

DEPARTMENT OF FINANCE 8TH FLOOR
 EDCP BUILDING RENOVATION

PIPE SCHEDULE FOR PPR/XLPE PIPES FOR COLD AND HOT WATER LINES

PIPE SIZE AS PER PLAN	COMMERCIAL SIZE (OUTSIDE DIAMETER)	NOMINAL SIZE (INSIDE DIAMETER)
-	16	12
15MM ϕ	20	16
20MM ϕ	25	20
25MM ϕ	32	25
32MM ϕ	40	32
40MM ϕ	50	41
50MM ϕ	63	51
65MM ϕ	75	63
75MM ϕ	90	75
100MM ϕ	110	90
-	125	110
-	160	125

PIPE SCHEDULE FOR PPR/XLPE PIPES

JOSE MARIUS R. TUAZON
 SANITARY ENGINEER PRC No. 2472
 PTR NO. : 0730102 DATE : 01-05-2021
 ISSUED AT : QUEZON CITY TIN : 266-303-949

DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.
 REPUBLIC ACT 9266

PROJECT TITLE : **DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION**
 LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY

APPROVED BY : **DIR. ALVIN P. DIAZ**
 DIRECTOR IV - CAO
 DEPARTMENT OF FINANCE

APPROVED BY : **DIR. MARLENE LUCERO-CALUBAG**
 EXECUTIVE DIRECTOR
 NATIONAL TAX RESEARCH CENTER

APPROVED BY : **USEC. GIL S. BELTRAN**
 UNDERSECRETARY - PDMMSG
 DEPARTMENT OF FINANCE

SHEET CONTENT : **PARTIAL 8TH FLOOR PLUMBING LAYOUT PIPE SCHEDULE FOR PPR/XLPE PIPES**
 DRAWN BY : BFC
 DESIGNED BY : BFC
 CHECKED BY : BFC
 DATE STARTED : JUNE 2021

SHEET NO. **P 3**

DATA CENTER SUPPRESSION SYSTEM NOTES:

GENERAL NOTES

- ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE INDICATED.
- ALL PIPE SHALL CONFORM TO ASTM SPECIFICATION FOR A53 OR A-106 PIPE, A120 SHALL NOT BE USED.
- ALL THREADED PIPE BEYOND THE ORIFICE UNION TO BE GALVANIZED STEEL OF THE FOLLOWING PIPE SIZE AND GRADE COMBINATIONS:

ASTM A-106 SMLS. GR. C	SCH. 40 THRU # 200
ASTM A-106 / A-53 SMLS. GR. B	SCH. 40 THRU # 125
ASTM A-106 / A-53 SMLS. GR. A	SCH. 80 THRU # 65
ASTM A-53 / ERW. GR. B	SCH. 40 THRU # 80
ASTM A-53 / ERW. GR. A	SCH. 40 THRU # 32
- ALL THREADED PIPE USED TO CONSTRUCT THE MANIFOLD, INCLUDING PIPE BEFORE THE ORIFICE UNION TO BE GALVANIZED STEEL OF THE FOLLOWING PIPE AND GRADE COMBINATIONS:

ASTM A-106 SMLS. GR. C	SCH. 40 THRU # 65
ASTM A-106 / A-53 SMLS. GR. B	SCH. 80 THRU # 32
ASTM A-106 / A-53 SMLS. GR. A	SCH. 80 THRU # 18
ASTM A-53 / ERW. GR. B	SCH. 80 THRU # 25
ASTM A-53 / ERW. GR. A	SCH. 80 THRU # 12
- ALL FITTINGS BEYOND THE ORIFICE UNION TO BE 300lb. GALVANIZED MALLEABLE IRON THREADED FITTINGS THROUGH #80 SIZE. FORGED STEEL FITTINGS TO BE USED FOR LARGER SIZES. FLANGED JOINTS TO BE CLASS 800lb. (CLASS 300lb. MALLEABLE IRON UNIONS OR STREET ELBOWS SHALL NOT BE USED).
- ALL FITTINGS USED TO CONSTRUCT THE MANIFOLD, INCLUDING FITTINGS BEFORE THE ORIFICE UNION TO BE GALVANIZED FORGED STEEL 2000lb. OR 3000lb. ANSI B-16.11

- THE INSTALLATION OF PIPE ROUTING SHALL BE AS PER INDICATED ON THE APPROVED DRAWINGS. ANY DEVIATIONS WILL REQUIRE REVIEW OF THE NOZZLE & LINE PRESSURE CALCULATIONS PRIOR TO THE CONTINUATION OF PIPE WORKS.
- PIPE LENGTHS GIVEN ARE FROM CENTER TO CENTER OF PIPE OR FITTINGS.
- SIZE REDUCTIONS CAN BE ACCOMPLISHED WITH THE USE OF GALVANIZED BUSHINGS, REDUCING COUPLINGS, REDUCING TEES OR REDUCING ELBOWS.
- BUSHING UP (INCREASE PIPESIZE) IS ACCEPTABLE IMMEDIATELY AFTER THE ORIFICE UNION OR NIPPLE ONLY. INCREASE IN SIZE CAN BE NO MORE
- DIMENSIONS ARE INDICATIVE ONLY. FINAL ADJUSTMENT SHOULD BE DONE IN THE SITE DURING THE COURSE OF INSTALLATION.
- MAXIMUM SPACING BETWEEN HANGERS MUST NOT EXCEED THOSE LISTED BELOW:

PIPE SIZE (IN NPT)	MAXIMUM SPACING (FT) (M)
3/4"	8 2.4
1"	12 3.7
1 1/4"	12 3.7
1 1/2" & LARGER	15 4.6
- BASIS OF THIS DESIGN IS AS PER THE DRAWINGS AND INFORMATIONS PROVIDED TO GUARD. ALL CHANGES IN ROOM DIMENSIONS OR ROOM MODIFICATIONS WILL AFFECT DESIGN INTEGRITY, AND FAILURE TO ADVISE CHITICK OF CHANGES WILL AUTOMATICALLY VOID THE WARRANTY. AS A CONSEQUENCE, GUARD ALL WILL NOT BE LIABLE FOR ANY COST THAT MAYBE INCURRED IN RELATION TO THE SYSTEM FAILURE.
- LOCATION OF DEVICES, MATERIALS, & EQUIPMENT WERE BASED ON THE SITE ACCESSIBILITY AND PHYSICAL CONSTRAINT.
- THIS INFORMATION IS FOR SCHEDULE 40 PIPE, AND SERVES AS AN ESTIMATE ONLY. PIPE AND NOZZLE SIZED NEED TO BE CONFIRMED BY THE COMPUTER PROGRAM.

LEGEND

PIPE CLEAN AGENT NOZZLE NOVEC 1230 CYLINDER

FIRE DETECTION

GENERAL NOTES

- ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE INDICATED.
- ALL WIRING INSTALLATION MUST CONFORM IN ACCORDANCE WITH NEC 760, NFPA 72 AND NFPA 2001.
- DETECTORS SHALL NOT BE RELOCATED MORE THAN 3 FEET FROM DESIGNED LOCATION.
- LOCATION OF DEVICES, MATERIALS, & EQUIPMENT WERE BASED ON THE SITE ACCESSIBILITY AND PHYSICAL CONSTRAINT.
- ALL MANUAL RELEASE AND ABORT STATION SHALL BE INSTALLED 1.2 METERS ABOVE RAISED FLOOR.
- ALL AUDIBLE BELLS AND VISUAL STROBES/HORNS SHALL BE INSTALLED 300 MM BELOW ACOUSTIC CEILING OR 2.5 METERS ABOVE FINISHED FLOOR.
- ZONE CIRCUIT SHALL BE REQUIRED TO USE AWG # 16 TWISTED PAIR CABLE AND AWG # 14 TF CABLE FOR BELL/STROBE AND POWER SUPPLY CIRCUIT. MINIMUM IMC CONDUIT SIZE IS 15 MM.

LEGEND

WIRES IN CONDUIT INTERFACE UNIT

COMBINED FIRE ALARM SOUNDER WITH BEACON ABORT SWITCH

MANUAL CALL POINT BELL

CONTROL PANEL SMOKE DETECTOR

GENERAL NOTES :

- ALL WORKS SHALL BE IN ACCORDANCE TO THE PROVISION OF THE FIRE CODE OF THE PHILIPPINES, NFPA CODES AND THE RULES AND REGULATIONS OF THE ENFORCING AUTHORITY OF THE CONCERNED MUNICIPALITY.
- ALL PIPE SIZES SHOWN ON PLANS ARE NOMINAL SIZES (INSIDE DIAMETER).
- ALL EXISTING PIPES ARE IN INCHES; ALL NEW PIPES ARE IN MILLIMETERS.
- COORDINATE THE DRAWING WITH OTHER RELATED DRAWINGS AND SPECIFICATION.
- ALL EXISTING AND NEW SPRINKLER HEADS SHALL BE CONCEALED TYPE.
- ALL NEW BRANCHES AND CROSSMANS PASSING THRU BEAMS/GIRDERS SHALL BE PROVIDED WITH PIPE SLEEVE.
- ALL PIPES SHALL BE INSTALLED AS INDICATED ON PLANS. ANY RELOCATIONS REQUIRED FOR PROPER EXECUTION OF OTHER TRADE SHALL BE WITH PRIOR THE APPROVAL OF THE ARCHITECT OR ENGINEER. THE ENGINEER SHALL BE NOTIFIED IMMEDIATELY OF ANY DISCREPANCY FOUND THEREIN.
- MINIMUM DISTANCE OF SPRINKLER HEAD TO LIGHTING FIXTURE SHALL BE 300 MM.
- PENDENT TYPE SPRINKLERS SHALL BE USED FOR AREAS WITH CEILING UPRIGHT TYPE SPRINKLERS SHALL BE USED FOR AREAS WITHOUT CEILING
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CHECK/VERIFY AT SITE THE EXISTING SPRINKLER HEAD LOCATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO CHECK/VERIFY AT SITE THE EXISTING BRANCH AND CROSSMAN LOCATION AND SIZES.
- DATA CENTER SHALL BE PROVIDED BY NOVEC 1230 FIRE SUPPRESSION SYSTEM (BY SPECIALIST).

MATERIAL SPECIFICATIONS :

FIRE LINES FIRE LINES SHALL BE BLACK IRON (B.I.) PIPES SCHEDULE 40 CONFORMING TO ASTM A-120-1980.

SPRINKLER HEADS ALL SPRINKLER HEADS, PENDENT (CONCEALED, UPRIGHT & SIDEWALL) SHALL BE RATED 57C (135F) TO 74C (165F) EXCEPT ON KITCHEN SHALL BE 79C (175F) TO 100C (212F).

LEGEND :

EXISTING SPRINKLER HEAD (CONCEALED TYPE)

RELOCATED SPRINKLER HEAD (CONCEALED TYPE)

ADDED SPRINKLER HEAD (CONCEALED TYPE)

SPRINKLER HEAD TO BE DELETED

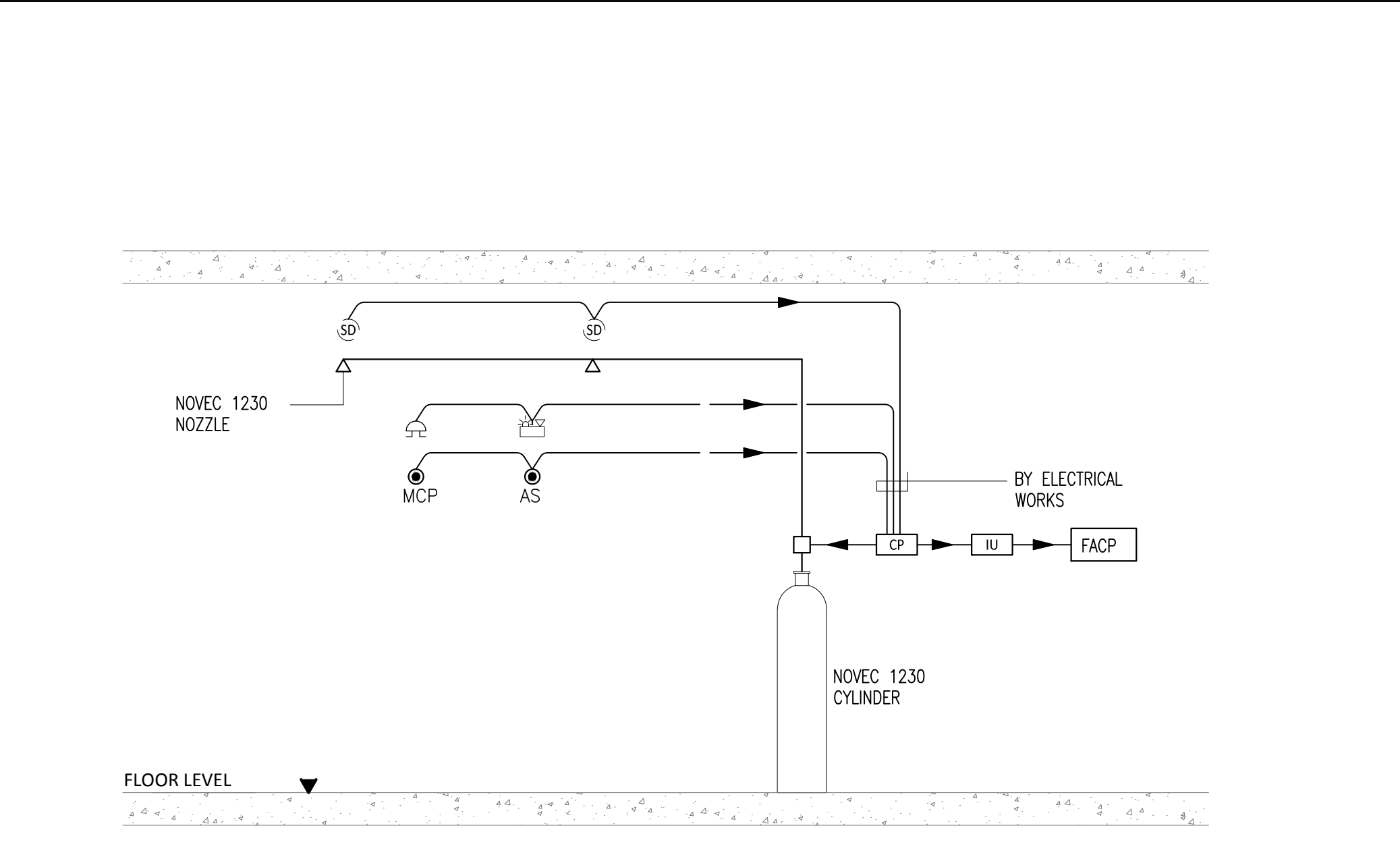
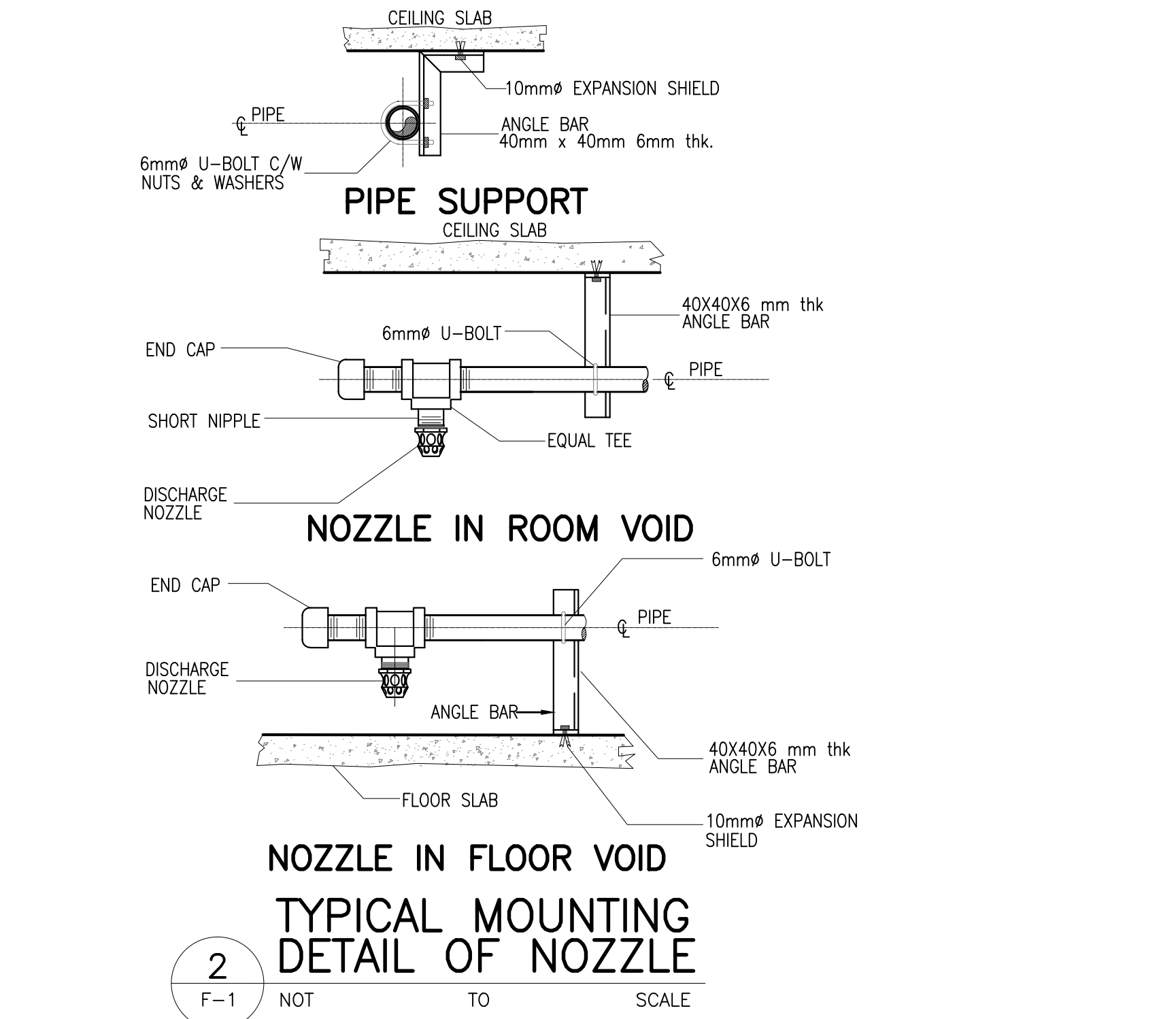
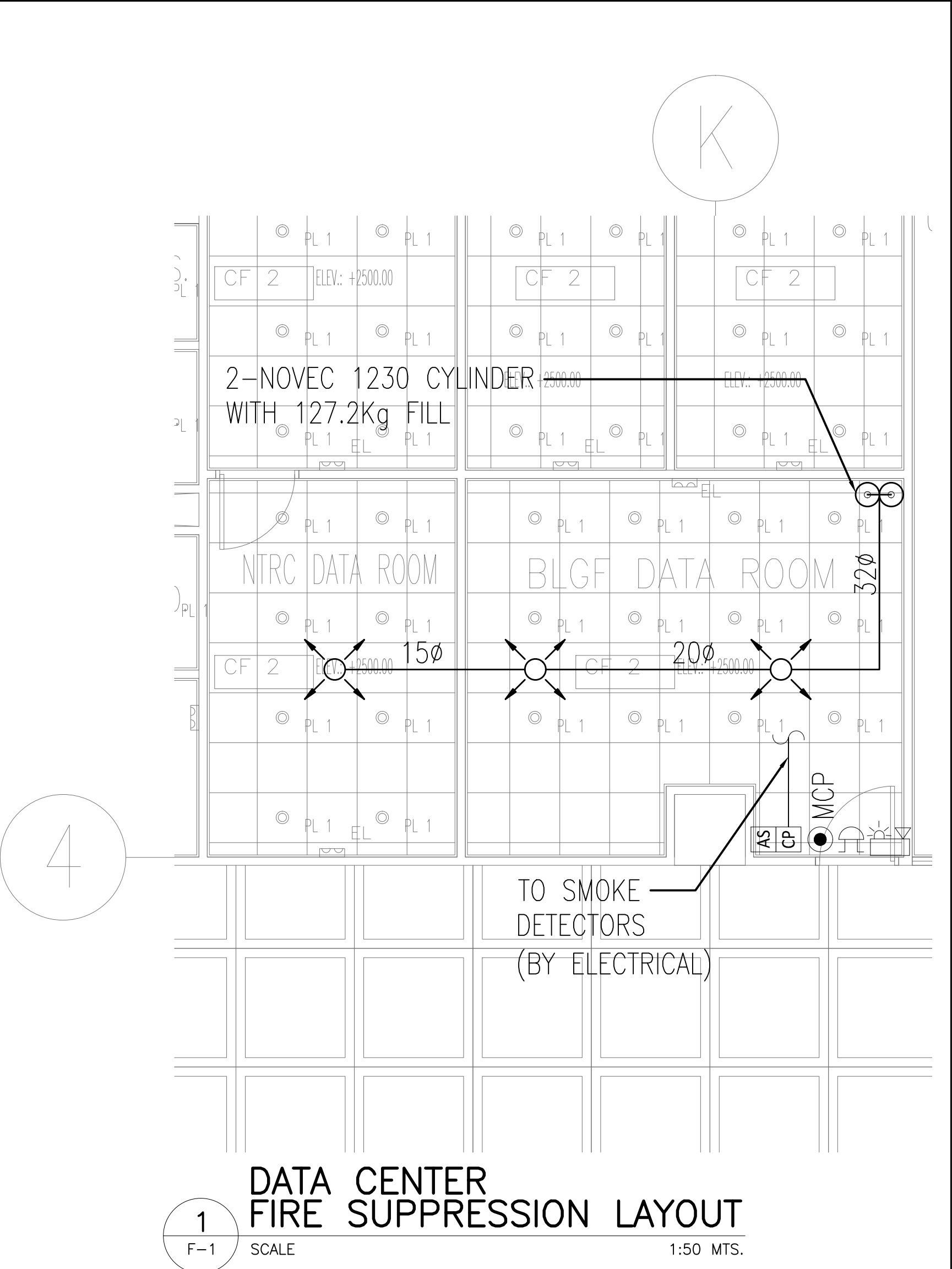
EXISTING BRANCH LINE / CROSSMAN

NEW BRANCH LINE

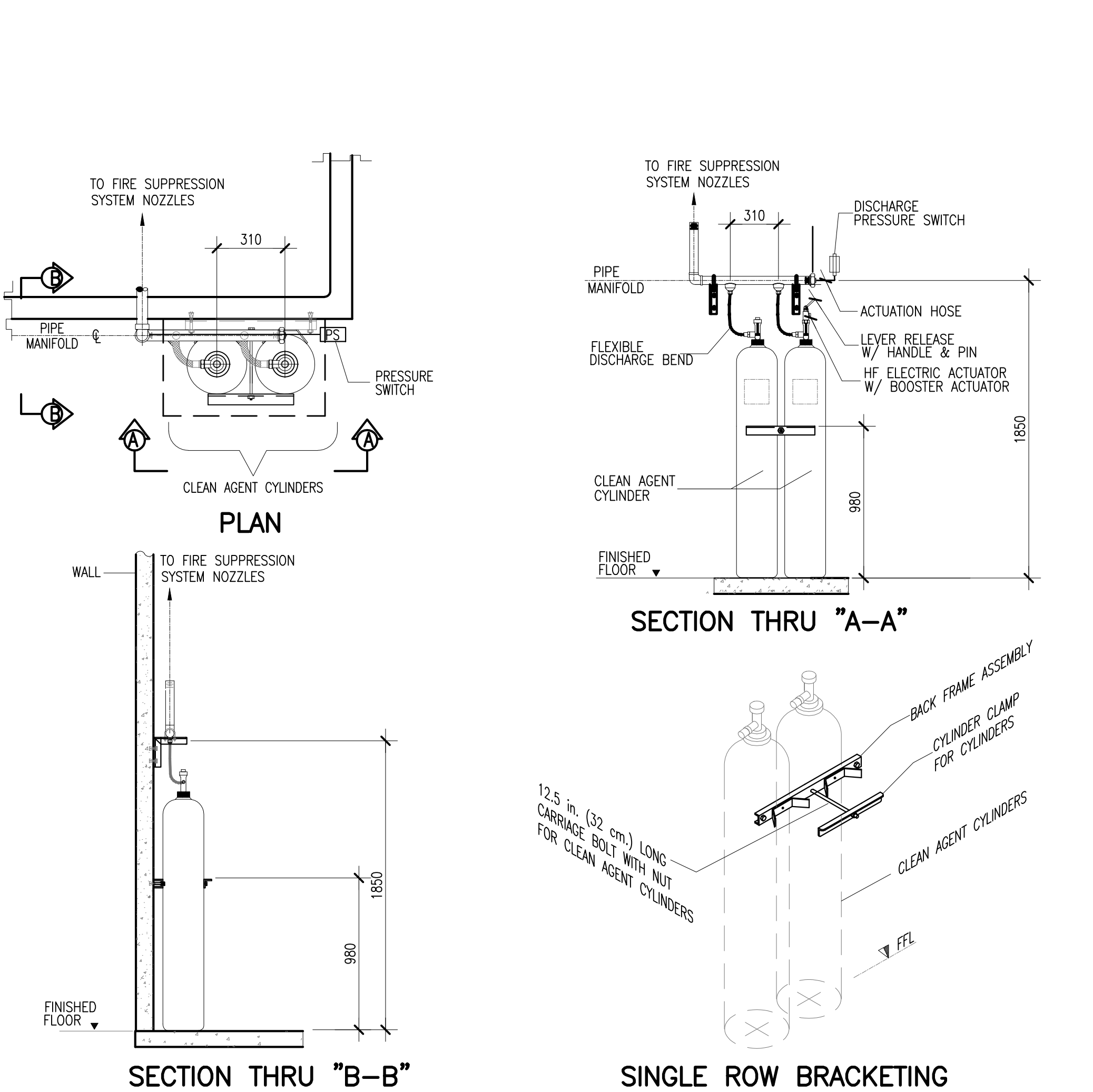
HANGER

PIPE SLEEVES

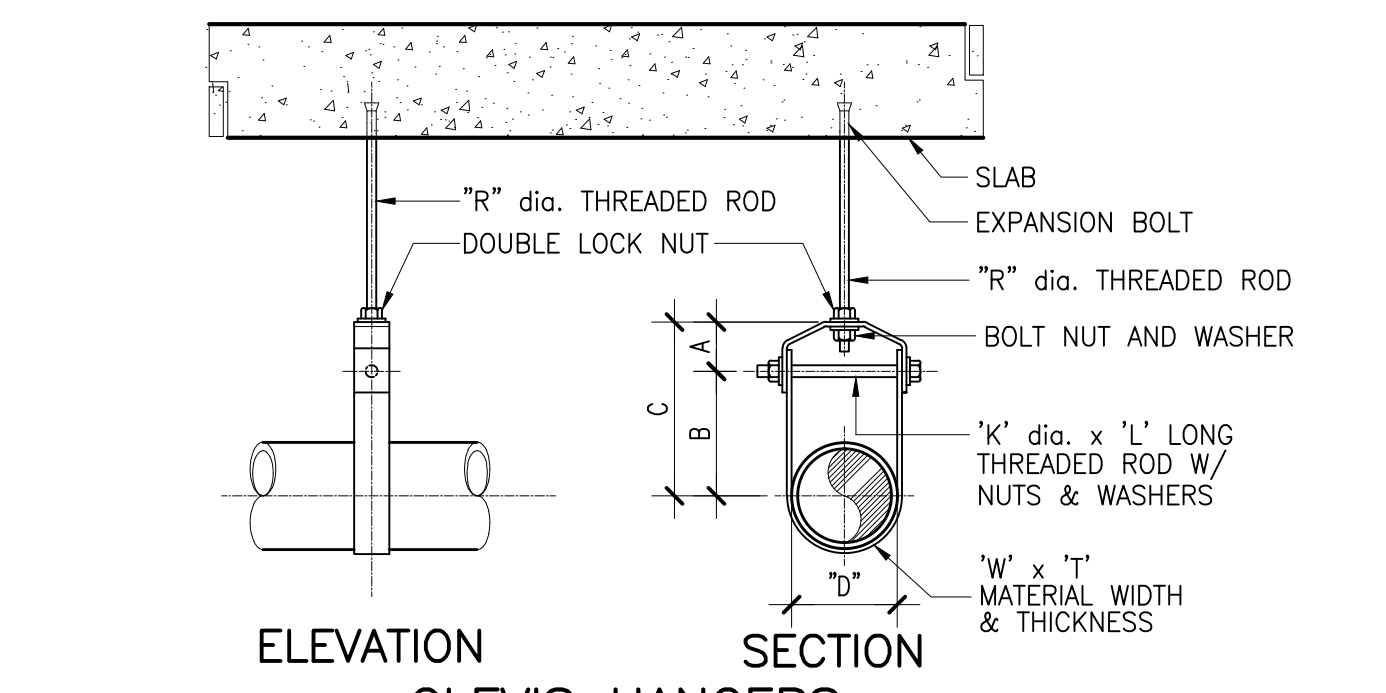
10 LBS PORTABLE FIRE EXTINGUISHER (FE-36)



3 DATA CENTER FIRE SUPPRESSION SCHEMATIC DIAGRAM
SCALE: F-1 NOT TO SCALE



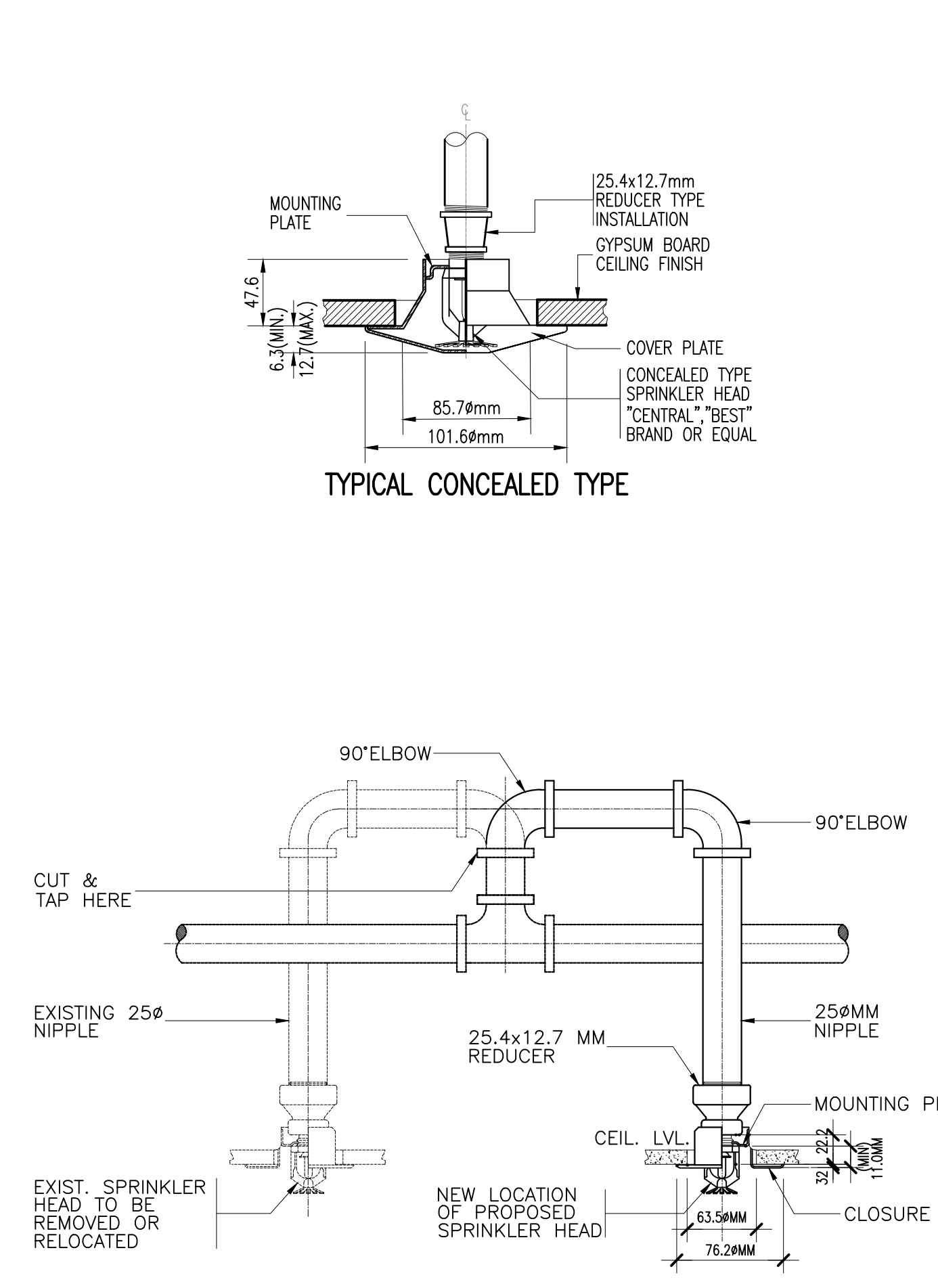
4 TYPICAL MOUNTING DETAIL OF CLEAN AGENT TANK
SCALE: F-1 NOT TO SCALE



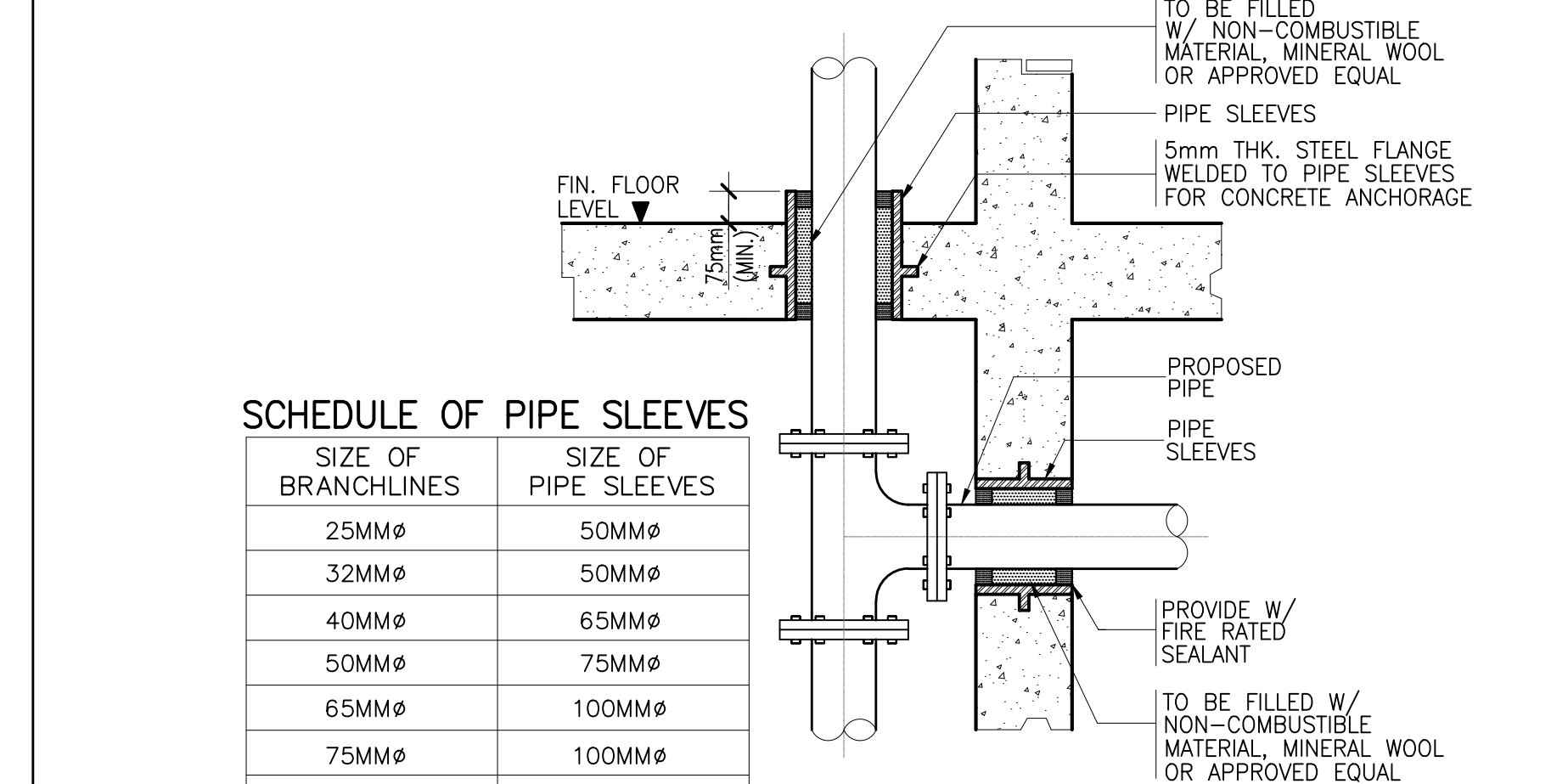
CLEVIS HANGERS TABLE OF DIMENSIONS IN MM

PIPE SIZE "D" (MM)	ROD DIA. "R" (MM)	B	C	A MAX.	W x T	K x L
50	9.65	111.12	143	69.30	25 x 3	M10 x 85
75	12.7	105.0	165.1	30.23	40 x 6	M12 x 115
100	15.9	133.35	40	33.27	40 x 6	M12 x 130
150	19.1	176.12	267	50.00	40 x 6	M16 x 190

5 DETAIL OF PIPE HANGER
SCALE: F-1 NOT TO SCALE



6 DETAIL OF SPRINKLER HEADS
SCALE: F-1 NOT TO SCALE



SCHEDULE OF PIPE SLEEVES

SIZE OF BRANCHLINES	SIZE OF PIPE SLEEVES
25MMØ	50MMØ
32MMØ	50MMØ
40MMØ	65MMØ
50MMØ	75MMØ
65MMØ	100MMØ
75MMØ	100MMØ
100MMØ	150MMØ
150MMØ	200MMØ
200MMØ	250MMØ

NOTES :

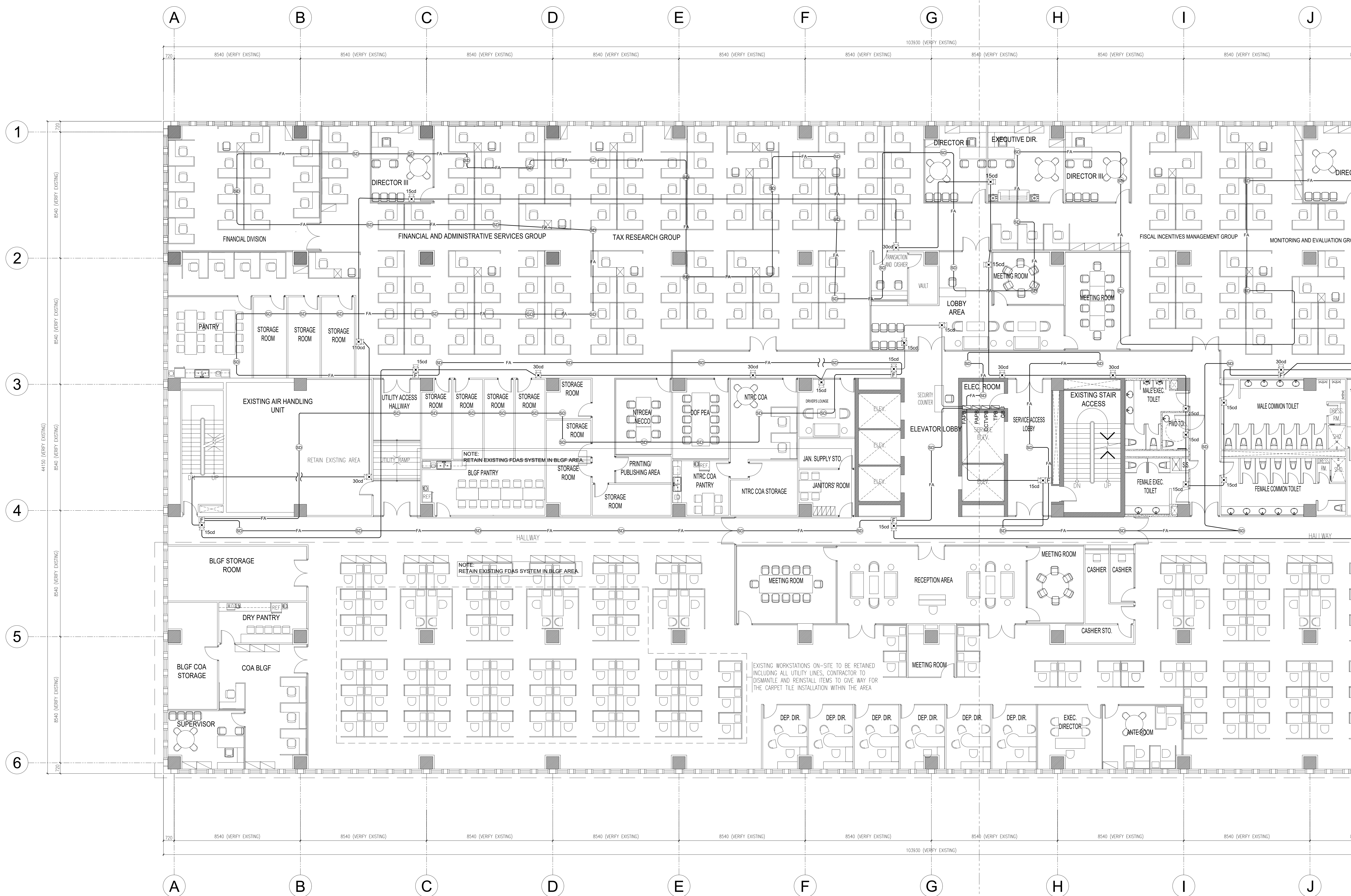
- SLEEVES SHALL BE PROVIDED AROUND ALL PIPING EXTENDING THROUGH WALLS, FLOORS, PLATFORMS AND FOUNDATIONS.
- THE CLEARANCE BETWEEN THE PIPE SLEEVES SHALL BE FILLED W/NON-COMBUSTIBLE FLEXIBLE MATERIAL SUCH AS MINERAL WOOL, FIRE STOPPING MATERIALS OR EQUIVALENT.
- MINIMUM CLEARANCE BETWEEN PIPE AND SLEEVES SHALL NOT BE LESS THAN 25mm FOR PIPE 25ØMM THROUGH 75ØMM & 40mm FOR PIPE SIZE 100ØMM AND LARGER FLOOR SLEEVES SHALL BE EXTENDED AT LEAST 75mm ABOVE THE TOP OF THE WEARING SURFACE.

7 DETAIL OF PIPE SLEEVE
SCALE: F-1 NOT TO SCALE

SHEET CONTENT :

FIRE SUPPRESSION LAYOUT
MISCELLANEOUS DETAILS

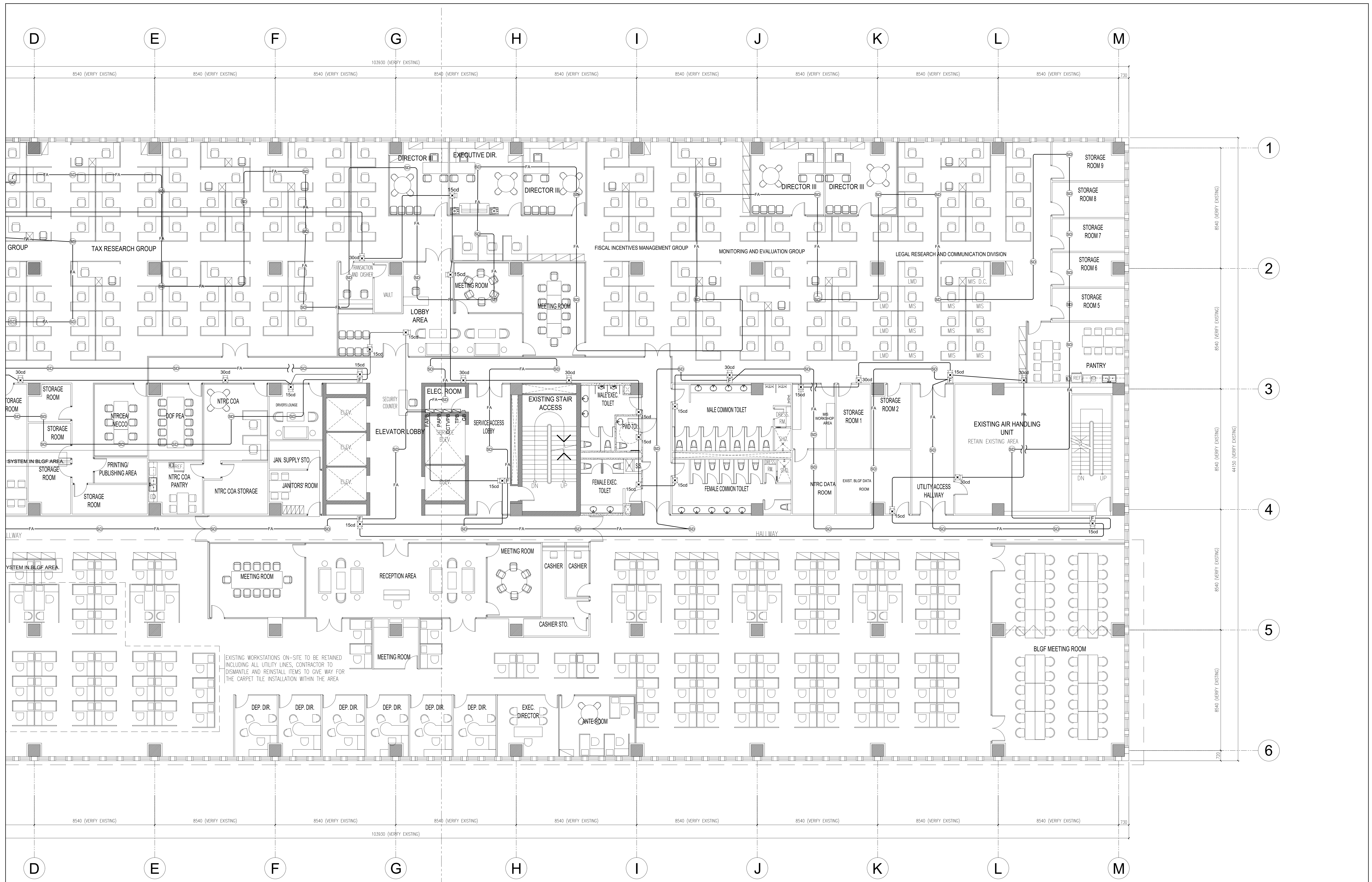
DRAWN BY : BFC CHECKED BY : BFC
DESIGNED BY : BFC DATE STARTED: JUNE 2021



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 FDAS SYSTEM LAYOUT-A
 AU-01 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

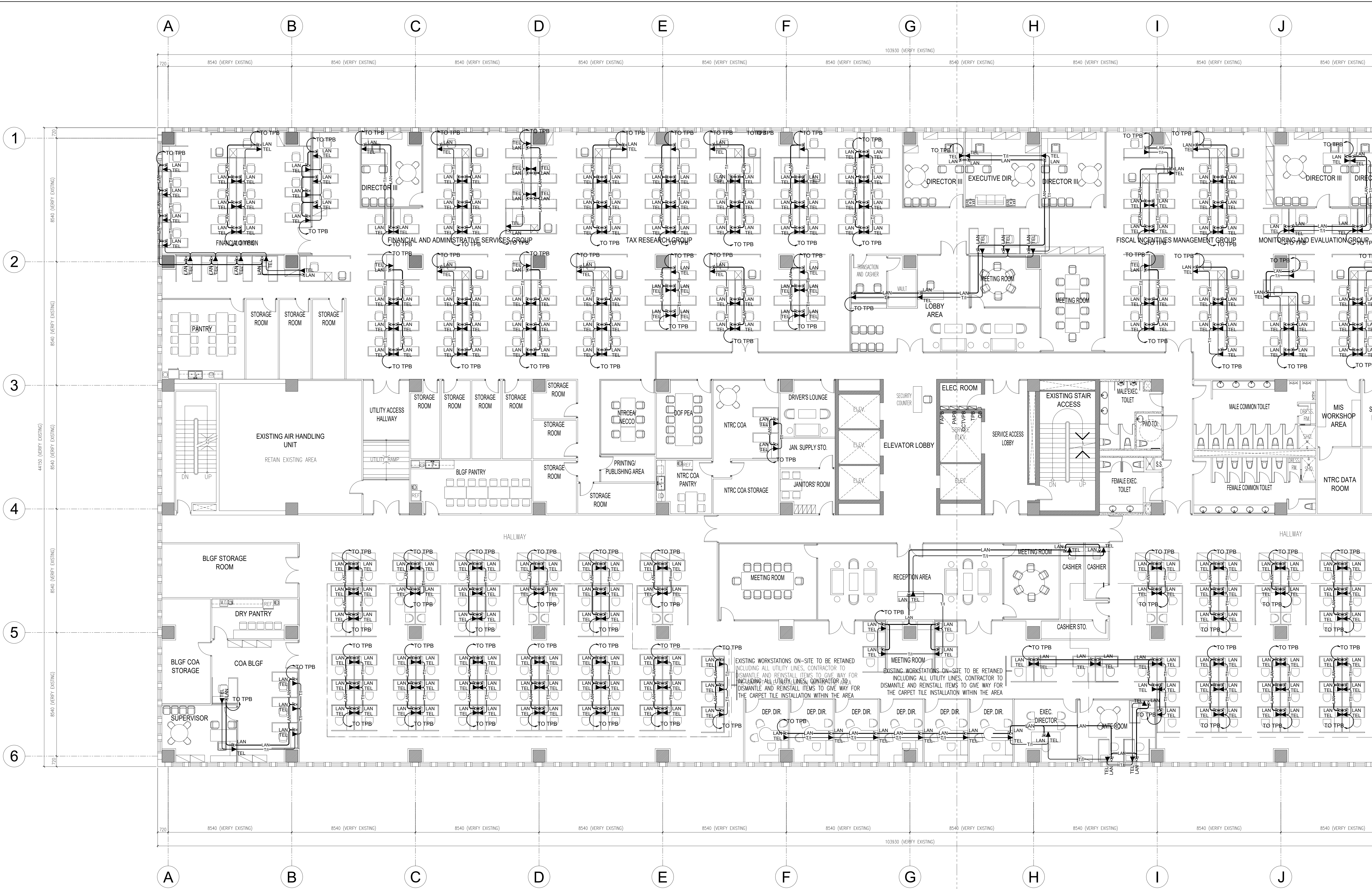
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY : DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY : DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY : USEC. GIL S. BELTRAN UNDERSECRETARY - PMSG DEPARTMENT OF FINANCE	SHEET CONTENT : FDAS SYSTEM LAYOUT-A	SHEET NO. AU 01
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : RCD DATE STARTED: JUNE 2021	DRAWN BY : CM DESIGNED BY : RCD			



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 FDAS SYSTEM LAYOUT-B
 AU-02 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

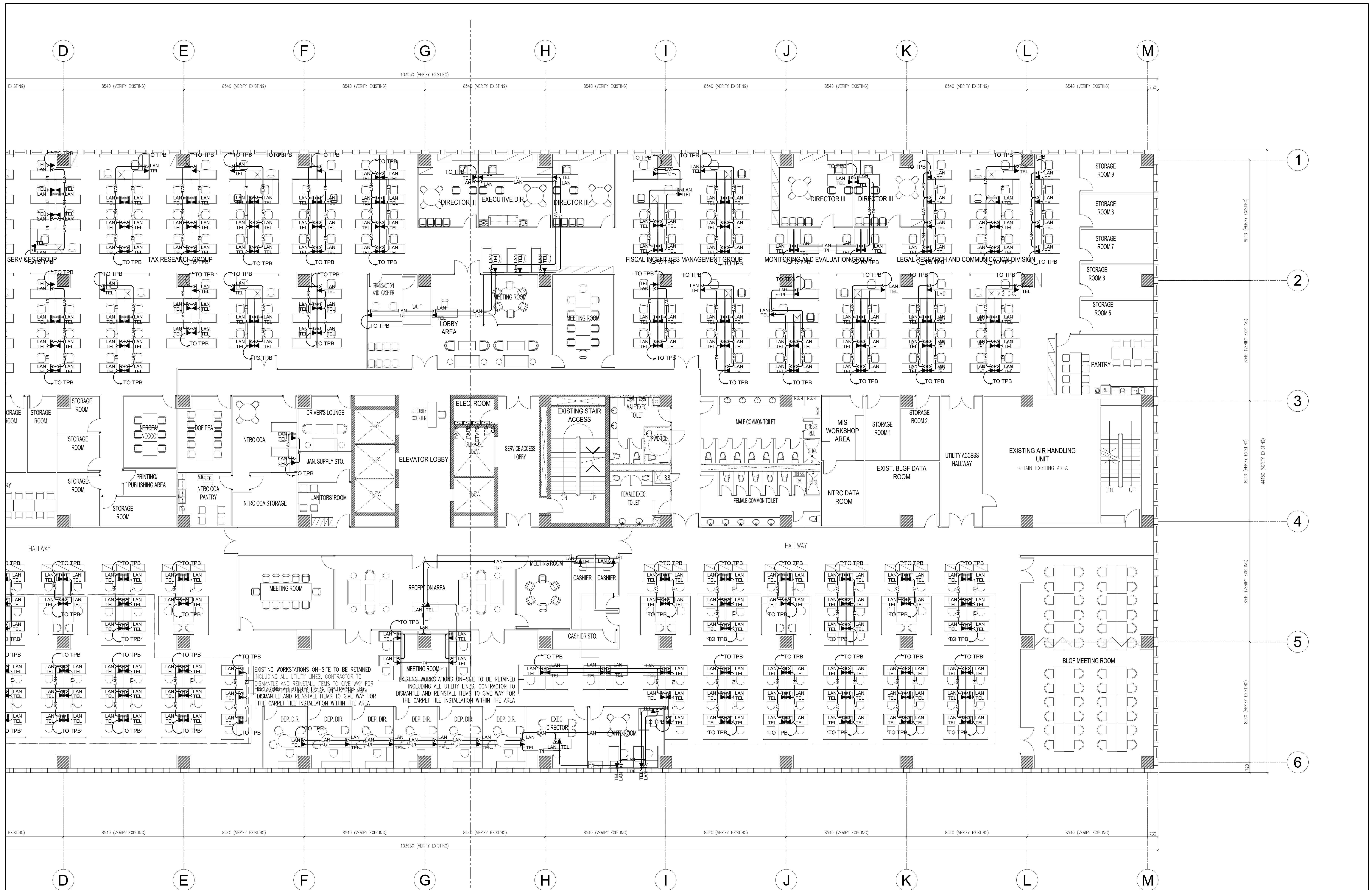
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE	SHEET CONTENT : FDAS SYSTEM LAYOUT-B	SHEET NO. AU 02
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	CHECKED BY : RCD DATE STARTED: JUNE 2021	DRAWN BY : CM DESIGNED BY : RCD			



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 LAN&TEL SYSTEM LAYOUT-A
 AU-03 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

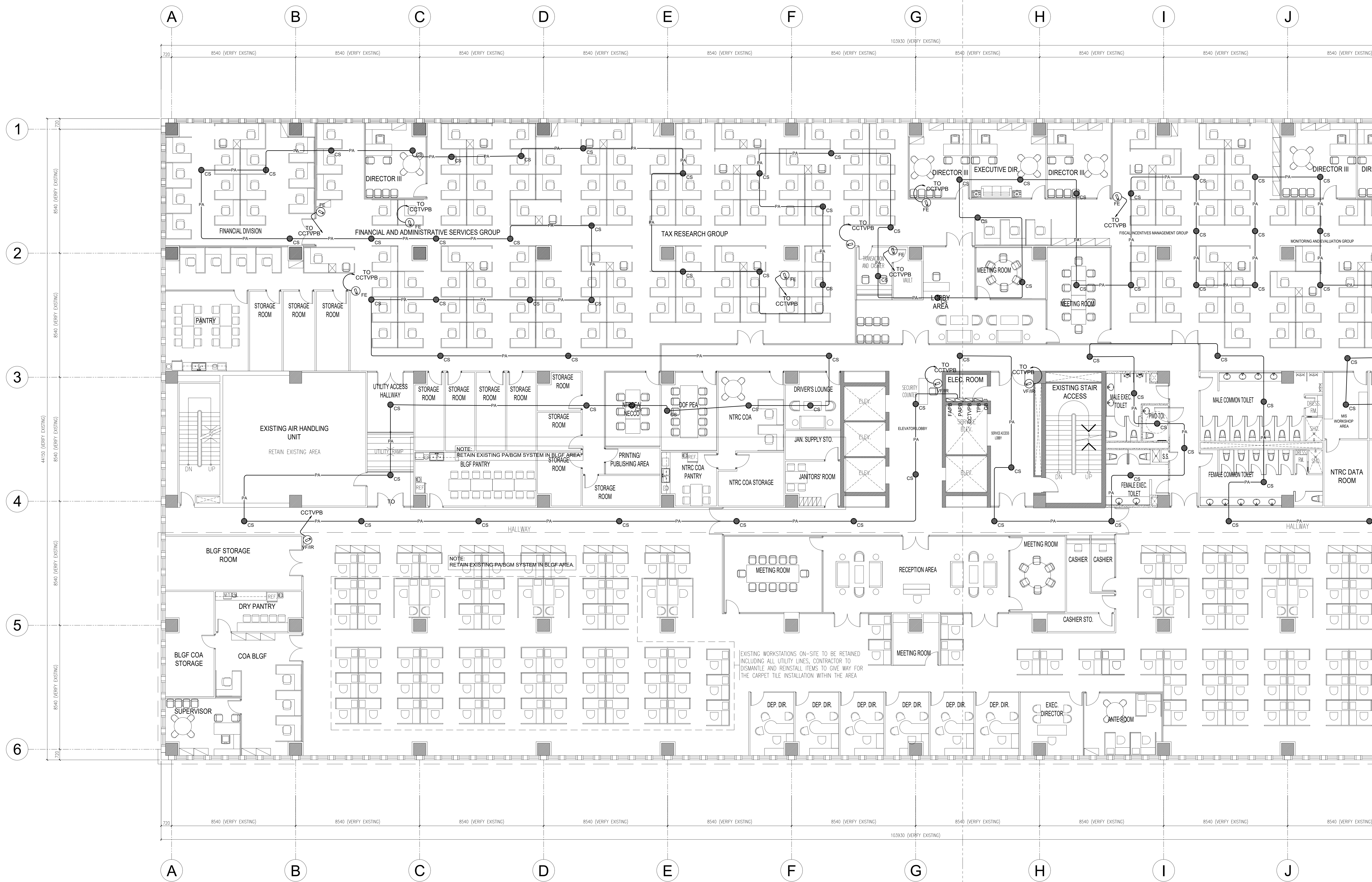
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE	SHEET CONTENT : LAN&TEL SYSTEM LAYOUT-A	SHEET NO. AU 03
	LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. Ocampo STREET, MANILA CITY	DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED: JUNE 2021				



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 LAN&TEL SYSTEM LAYOUT-B
 AU-04 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

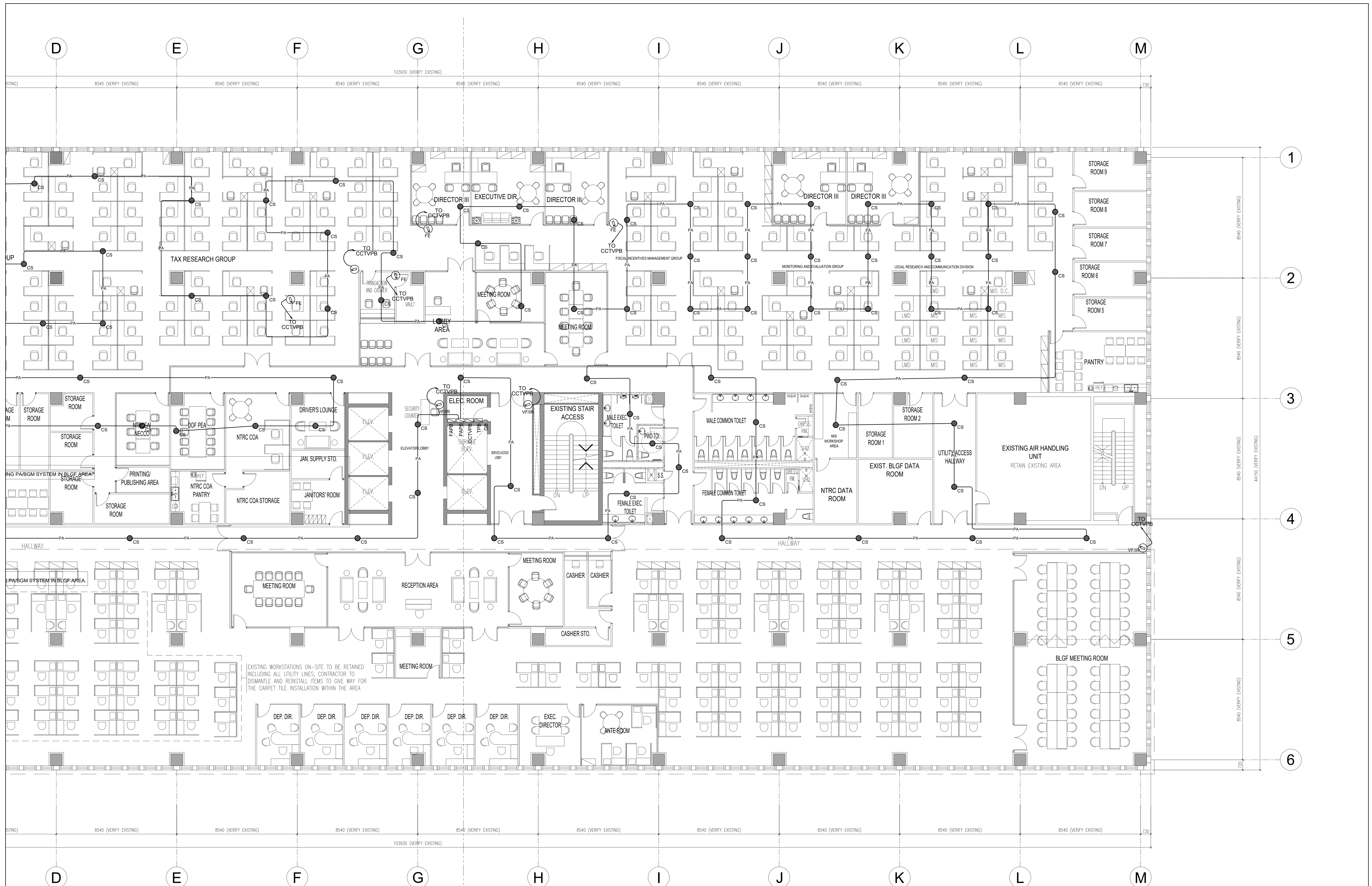
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR No. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : <p style="text-align: center;">DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION</p> LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. Ocampo STREET, MANILA CITY	APPROVED BY: <p style="text-align: center;">DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE</p>	APPROVED BY: <p style="text-align: center;">DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER</p>	APPROVED BY: <p style="text-align: center;">USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE</p>	SHEET CONTENT : LAN&TEL SYSTEM LAYOUT-B DRAWN BY : CM DESIGNED BY : RCD CHECKED BY : RCD DATE STARTED: JUNE 2021	<div style="border: 1px solid black; border-radius: 50%; width: 40px; height: 40px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 24px; font-weight: bold; margin-right: 5px;">AU</div> <div style="font-size: 24px; font-weight: bold;">04</div> </div>
---	---	--	--	---	---	---	--



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 PA/BGM & CCTV SYSTEM LAYOUT-A
 AU-05 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

ROBERTO C. DIVINA, PEE PRC No. 002557 PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE. REPUBLIC ACT 9266	PROJECT TITLE : <p style="text-align: center;">DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION</p> LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE	SHEET CONTENT : PA/BGM & CCTV SYSTEM LAYOUT-A DRAWN BY : CM DESIGNED BY : RCD CHECKED BY : RCD DATE STARTED : JUNE 2021	<div style="border: 1px solid black; border-radius: 50%; width: 30px; height: 30px; display: flex; align-items: center; justify-content: center; margin: 0 auto;"> <div style="font-size: 10px; margin-right: 2px;">AU</div> <div style="font-size: 20px; font-weight: bold; margin-right: 2px;">05</div> </div>
---	---	---	---	--	--	--	--

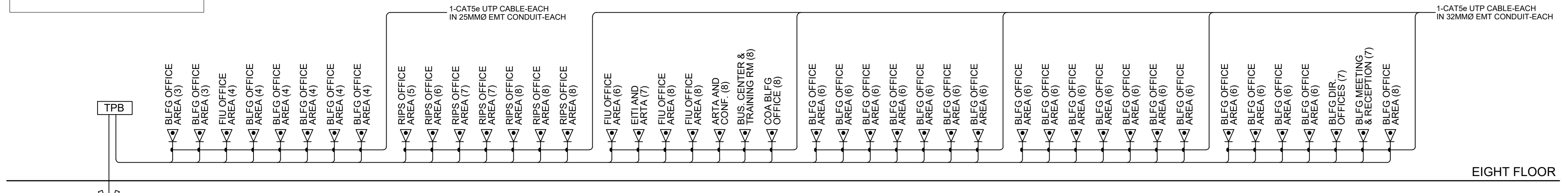


1 DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
PABGM & CCTV SYSTEM LAYOUT-B
 AU-06 SCALE 1:100

DATE OF ISSUANCE: AUGUST 13, 2021

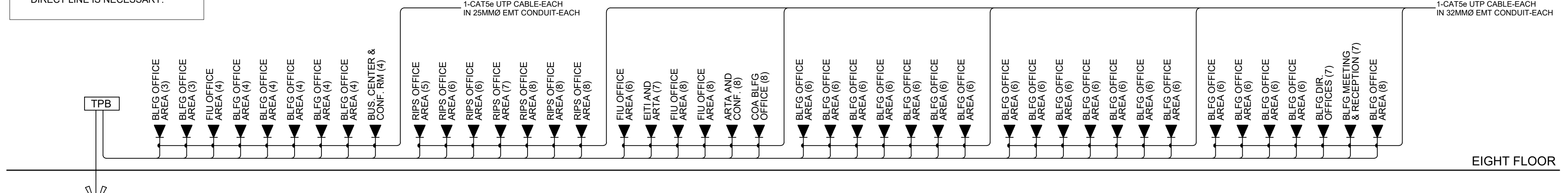
ROBERTO C. DIVINA, PEE PRC No. 002557 PTR No. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPEITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY : DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY : DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY : USEC. GIL S. BELTRAN UNDERSECRETARY - PDMSG DEPARTMENT OF FINANCE	SHEET CONTENT : PABGM & CCTV SYSTEM LAYOUT-B	SHEET NO. : AU 06
		LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY	DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED : JUNE 2021			

NOTES:
 A. TELINTERCOM SYSTEM
 1. FINAL WIRING SHALL BE SUBJECT TO THE REQUIREMENTS OF THE EQUIP. MANUFACTURER AND TEL. SERVICE PROVIDER.
 2. TELINTERCOM SYSTEM SHALL BE PROVIDED WITH TRANSPARENT VOLTAGE SURGE SUPPRESSION (TVSS) DEVICE, 40KAIC MIN. SURGE RATING.
 3. PAPBX MUST BE OWNER PURCHASE. VERIFY HOW MANY LOCAL AND DIRECT LINE IS NECESSARY.

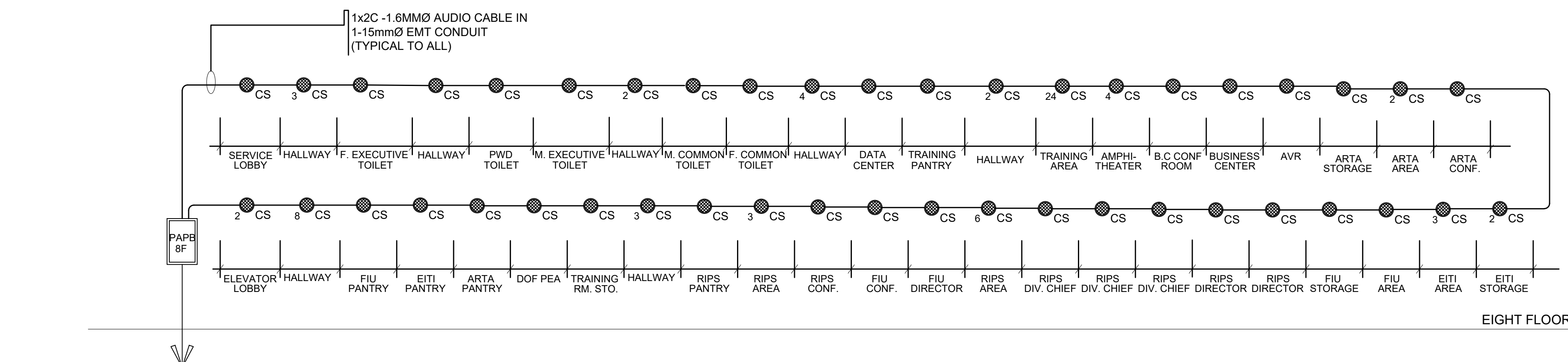


DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 TELEPHONE RISER DIAGRAM
 E-08 SCALE 1:100

NOTES:
 A. TELINTERCOM SYSTEM
 1. FINAL WIRING SHALL BE SUBJECT TO THE REQUIREMENTS OF THE EQUIP. MANUFACTURER AND TEL. SERVICE PROVIDER.
 2. TELINTERCOM SYSTEM SHALL BE PROVIDED WITH TRANSPARENT VOLTAGE SURGE SUPPRESSION (TVSS) DEVICE, 40KAIC MIN. SURGE RATING.
 3. PAPBX MUST BE OWNER PURCHASE. VERIFY HOW MANY LOCAL AND DIRECT LINE IS NECESSARY.



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 LAN/DATA RISER DIAGRAM
 E-08 SCALE 1:100

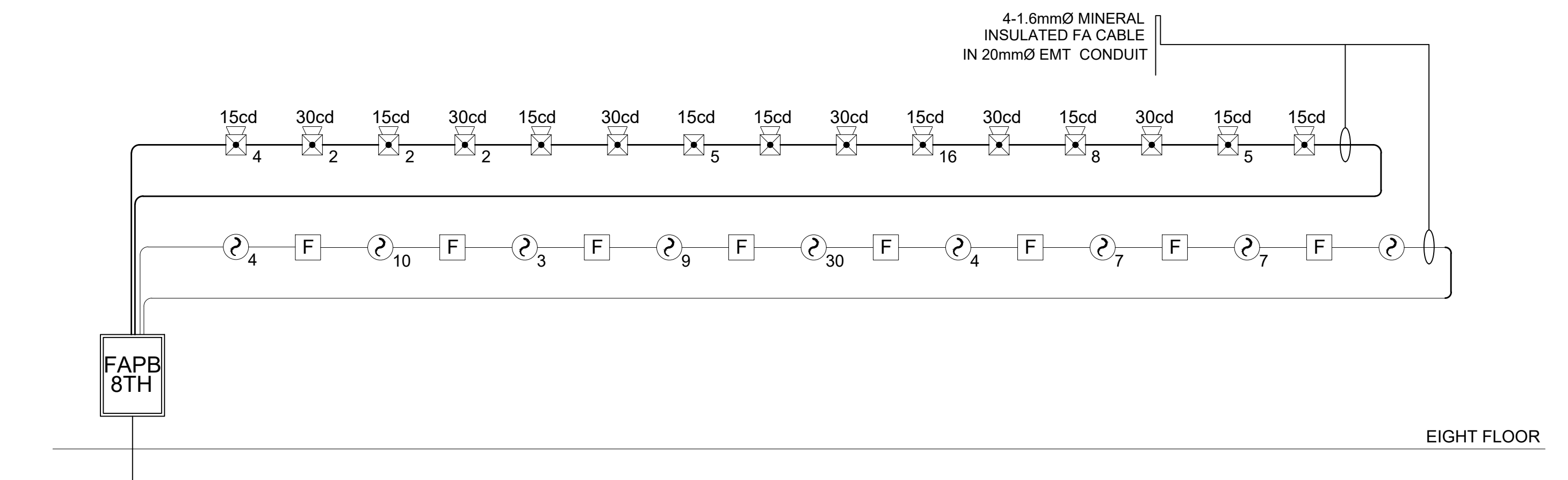


DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 BGM/PA DIAGRAM
 E-08 SCALE 1:100

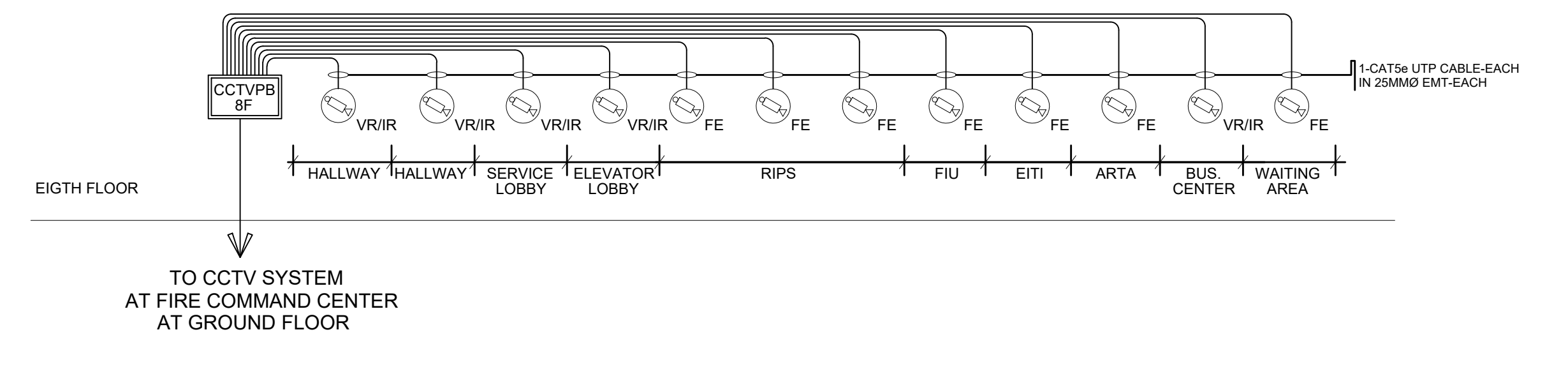
FIRE ALARM MATRIX

SYSTEM INPUTS	SYSTEM OUTPUTS																							
	CONTROL UNIT ANNUNCIATION					NOTIFICATIONS					REQUIRED FIRE SAFETY CONTROL					SUPPLEMENTARY								
	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W	X
MANUAL FIRE ALARM BOXES	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SMOKE DETECTORS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SMOKE DETECTORS - ELEV LOBBY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
HEAT DETECTORS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
WATER FLOW	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
SPRINKLER CONTROL VALVE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIRE PUMP RUNNING	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIRE PUMP POWER FAILURE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIRE PUMP REVERSE POWER	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIRE ALARM POWER FAILURE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
FIRE ALARM SYSTEM LOW BATTERY	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
OPEN CIRCUIT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
GROUND FAULT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
NOTIFICATION APPLICATION	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
CIRCUIT SHORT	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ALARM REVERSE FIRE PUMP	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ELEVATOR RECALL	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
ELEVATOR SHUTDOWN	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
RELEASE MAGNETICALLY DOORS	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OUTPUT COLUMN KEY:
 A. ACTUATE COMMON SIGNAL INDICATOR
 B. ACTUATE AUDIBLE ALARM SIGNAL
 C. ACTUATE COMMON SUPERVISORY SIGNAL INDICATOR
 D. ACTUATE AUDIBLE SUPERVISORY SIGNAL
 E. ACTUATE COMMON TROUBLE SIGNAL INDICATOR
 F. ACTUATE AUDIBLE TROUBLE SIGNAL
 G. ACTUATE EVACUATION SIGNALS
 H. DISPLAY/PRINT CHANGES STATUS
 I. TRANSMIT FIRE ALARM SIGNAL TO SUPERVISING STATION
 J. TRANSMIT SUPERVISORY SIGNAL TO SUPERVISING STATION
 K. TRANSMIT TROUBLE SIGNAL TO SUPERVISING STATION
 L. RELEASE MAGNETICALLY HELD SMOKE DOORS
 M. RECALL ELEVATORS TO PRIMARY RECALL FLOOR
 N. RECALL ELEVATORS TO ALTERNATE RECALL FLOOR
 O. CLOSE SMOKE/FIRE DAMPERS IN RATED WALLS
 P. ACTUATE SMOKE EXHAUST
 Q. UNLOCK EXITS
 R. ACTUATE SUPPRESSION SYSTEM PREDISCHARGE ALARMS
 S. INITIATE SUPPRESSION SYSTEM RELEASING SEQUENCE
 T. ENERGIZE RELEASING SELENOIDS
 U. ACTUATE GRAPHICS SYSTEM - DISPLAY FLOOR MAP
 V. PRESSURIZE STAIRWELLS
 W. SHUTDOWN PROCESS
 X. ACTUATE EXTERIOR STROBE AT FIRE DETECTION RESPONSE POINT



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 FDAS RISER DIAGRAM
 E-08 SCALE 1:100



DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING
1 CCTV RISER DIAGRAM
 E-08 SCALE 1:100

LEGEND AND SYMBOLS		LEGEND AND SYMBOLS	
1	MANUAL PULL STATION	6	LOCAL AREA NETWORK OUTLET
2	STROBE LIGHT WITH HORN	7	RECESSED TYPE CEILING MOUNTED SPEAKER
3	STROBE LIGHT	8	VARIFOCAL TYPE CCTV, INFRARED
4	SMOKE DETECTOR, ADDRESSABLE	9	FISH-EYE TYPE CCTV
5	TELEPHONE/ INTERCOM OUTLET		

DATE OF ISSUANCE: AUGUST 13, 2021

ROBERTO C. DIVINA, PEE PRC No. 002557	DRAWINGS AND SPECIFICATIONS DULY SIGNED, STAMPED OR SEALED, AS INSTRUMENTS OF SERVICE, ARE THE INTELLECTUAL PROPERTIES AND DOCUMENTS OF THE ARCHITECT, WHETHER THE OBJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. IT SHALL BE UNLAWFUL FOR ANY PERSON, WITHOUT THE CONSENT OF THE ARCHITECT TO DUPLICATE OR TO MAKE COPIES OF SAID DOCUMENTS FOR USE IN THE REPETITION OF OTHER PROJECTS OR BUILDINGS, WHETHER EXECUTED PARTLY OR IN WHOLE.	PROJECT TITLE : DEPARTMENT OF FINANCE 8TH FLOOR EDCP BUILDING RENOVATION	APPROVED BY: DIR. ALVIN P. DIAZ DIRECTOR IV - CAO DEPARTMENT OF FINANCE	APPROVED BY: DIR. MARLENE LUCERO-CALUBAG EXECUTIVE DIRECTOR NATIONAL TAX RESEARCH CENTER	APPROVED BY: USEC. GIL S. BELTRAN UNDERSECRETARY - PDM5G DEPARTMENT OF FINANCE	SHEET CONTENT : AUXILIARY RISER DIAGRAM	SHEET NO. AU 07
PTR NO. : 14305698A DATE : JANUARY 04, 2021 ISSUED AT : ROD. RIZAL TIN : 162-191-071-000	REPUBLIC ACT 9266	LOCATION : EDCP BUILDING, BSP COMPLEX, ROXAS BLVD. CORNER P. OCAMPO STREET, MANILA CITY				DRAWN BY : CM DESIGNED BY : RCD	CHECKED BY : RCD DATE STARTED: JUNE 2021