

TIFFANY & Co.

AV. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

FEB/13/2024 REV.3.1

PROJECT DESCRIPTION

- NEW TENANT IMPROVEMENT WORK WITHIN EXISTING DEMISING PREMISES OF EXISTING RETAIL STORE
- NO CHANGE IN USE OR OCCUPANCY UNDER THIS APPLICATION
- NO CHANGE IN FIRE RATING OF EXISTING DEMISING PREMISES

PROJECT TEAM

OWNER:
TIFFANY & CO.
200 FIFTH AVENUE, 13TH FLOOR
NEW YORK, NY 10010

CONTACT: GIOVANNI FORTINI
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EMAIL: giovanni.fortini@tiffany.com

ARCHITECT OF RECORD:
EDICON
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01210 MEXICO CITY, MEXICO

CONTACT: JULIO GUERRERO
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PROJECT COORDINATOR:
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01210 MEXICO CITY, MEXICO

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LIGHTING DESIGNER:
METIS LIGHTING
VIA S.G.B. DE LA SALLE,
4-20132 MILANO, ITALY
CONTACT: PAOLO GIOVANE
TEL: +39 0245473752/53
EMAIL: metis@metislighting.it

MEP ENGINEERS:
FIRM NAME
STREET
CITY, STATE ZIP CODE

CONTACT: X
TEL: 000.000.0000
EMAIL: X

STRUCTURAL ENGINEERS:
LUIS ABBOTT ZORRILLA & ASOCS.
AVE. GUSTAVO MEJIA RICART #54 LOCAL 12F
SANTO DOMINGO, REP. DOMINICANA

CONTACT: X
TEL: (809) 683-6946
EMAIL: labotti@codetel.net.do

BUILDING INFORMATION

BUILDING ADDRESS: AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

REQUIRED SPECIAL INSPECTION:

000.00 FIRE-RESISTANT PENETRATIONS AND JOINTS

TENANT INFORMATION:

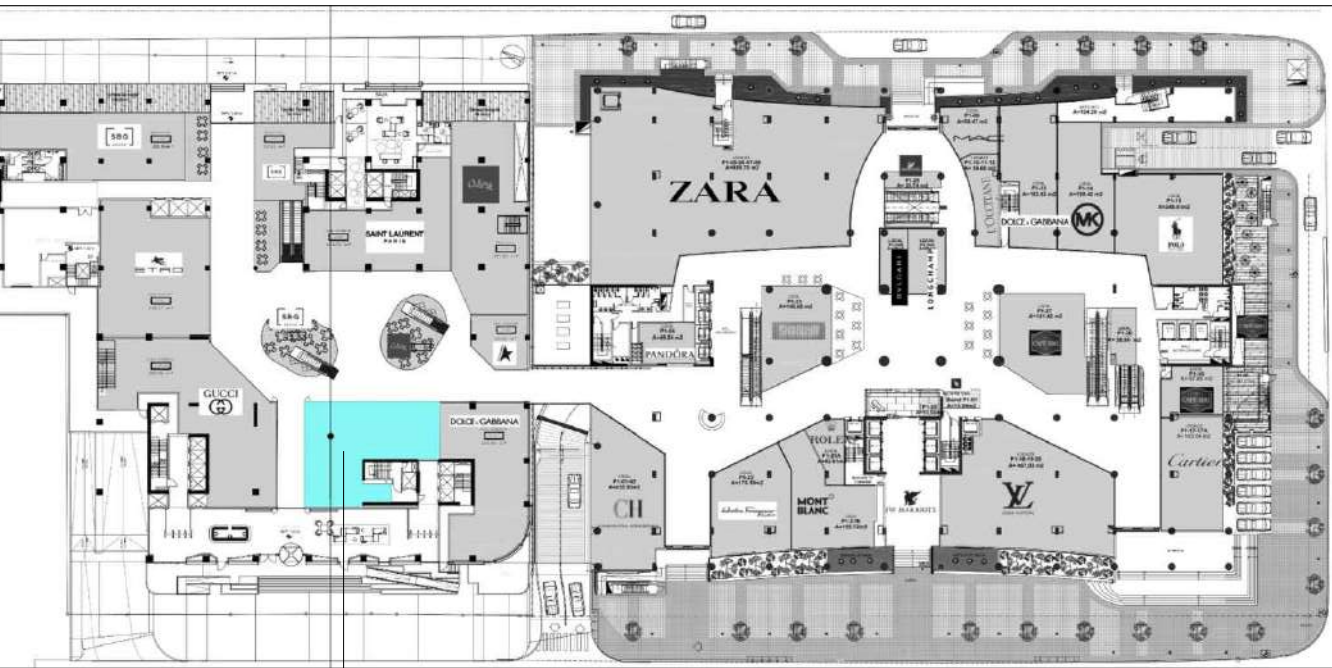
CLIENT: TIFFANY & CO.
SUITE #: L-02
TOTAL AREA: 337.82 M²
151 FLOOR: 3,836.26 SF
151 FLOOR: 248.79 M²
2ND FLOOR: 2,677.95 SF
2ND FLOOR: 89.03 M²
2ND FLOOR: 958.31 SF
6.00 MTS

RETAIL INFORMATION:

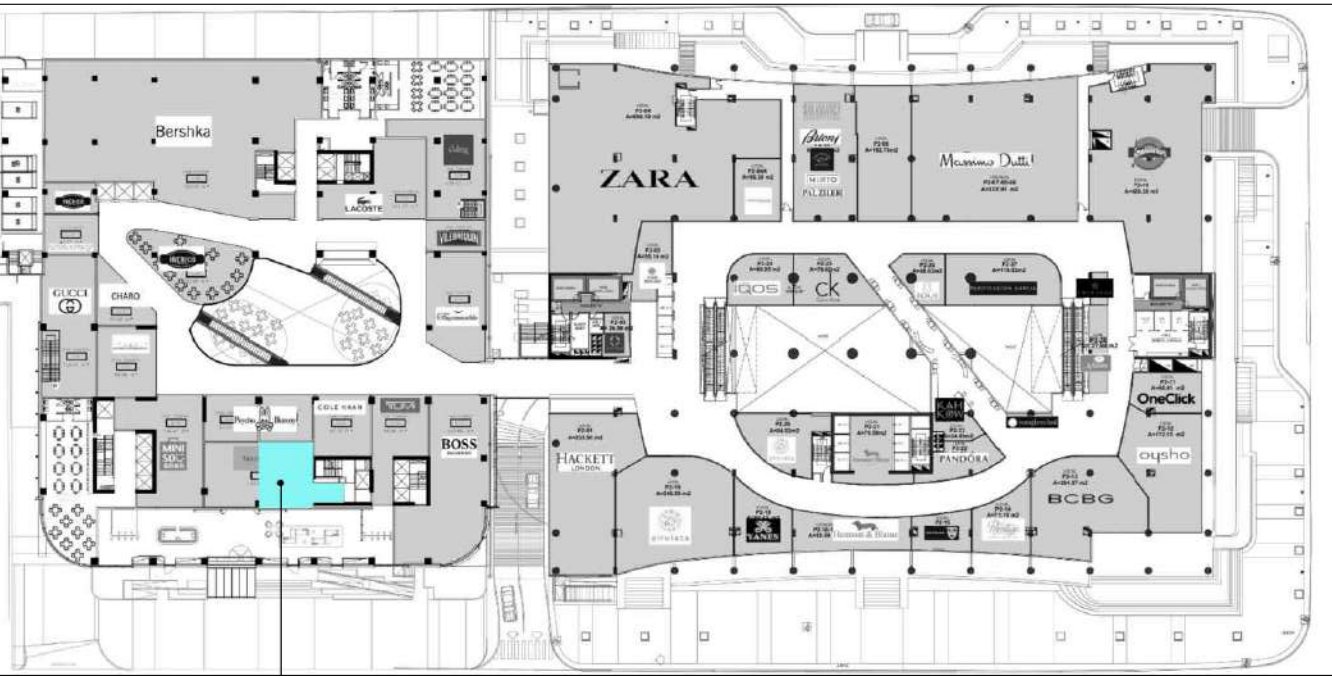
MERCHANDISE COUNT: -
FRONT OF HOUSE AREA: 225.05 M² [2422.42 sqft]
BACK OF HOUSE AREA: 107.70 M² [1159.27 sqft]
GROSS LEASED AREA: 332.75 M² [3581.69 sqft]

KEY PLAN

NOT TO SCALE



TORRE BLUE - FIRST FLOOR

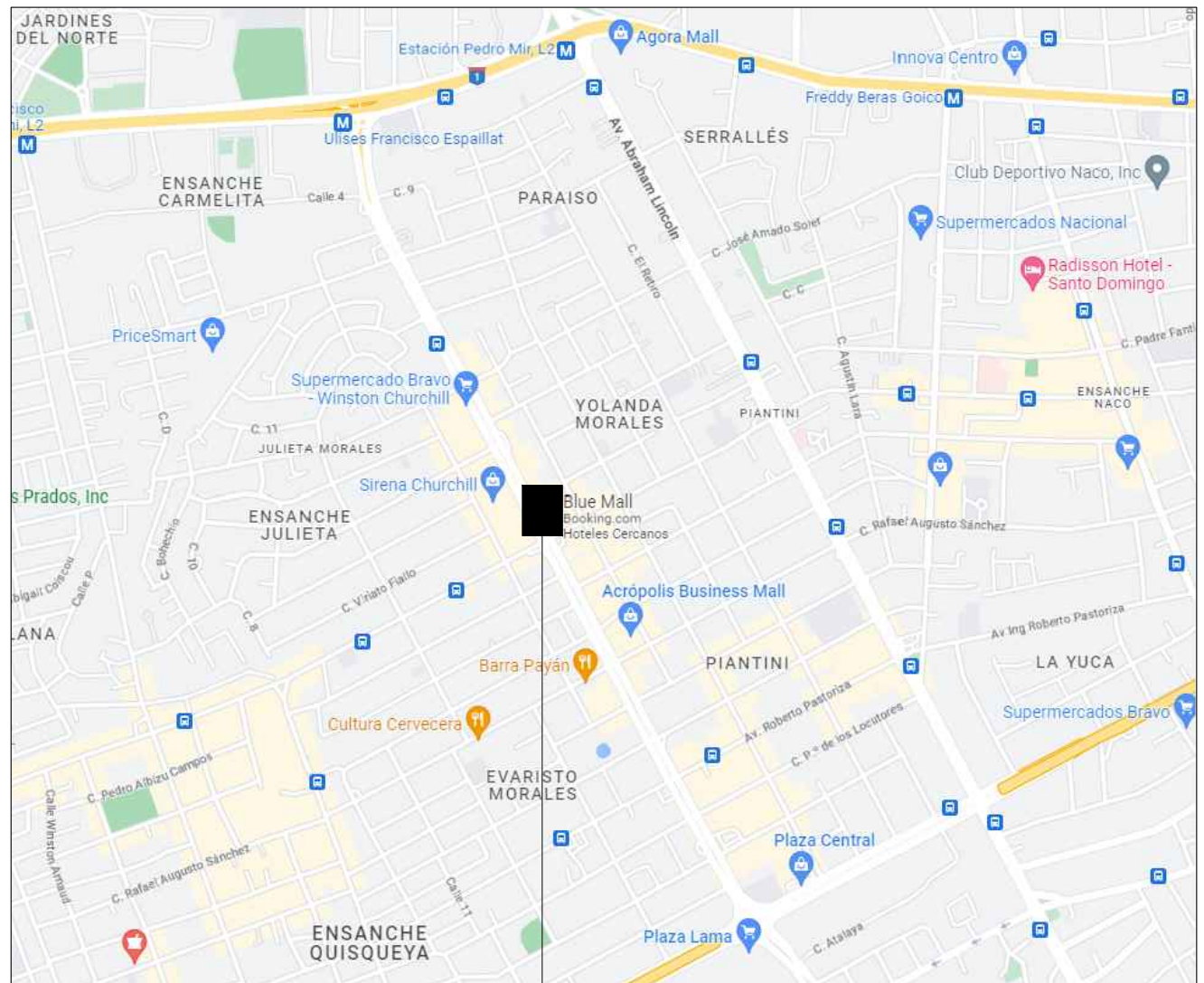


TORRE BLUE - SECOND FLOOR



VICINITY MAP

NOT TO SCALE



WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC



DRAWING LIST

DWG.	ARCHITECTURAL	19/05/2023	50% SET	23/06/2023	100% SET	30/06/2023	CD SET	29/06/2023	CD SET	30/10/2023	REV.01	14/11/2023	REV.02	27/12/2023	REV.03	13/02/2024	REV.3.1
A0.00	COVER / DRAWING INDEX	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A0.01	ABBREVIATION AND SYMBOL LEGEND	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A0.10	RESPONSIBILITY AND SUBMITTAL SCHEDULE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A0.90	BARRICADE PLAN, ELEVATIONS AND SECTIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A1.11	CONSTRUCTION PLAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A1.21	MILLWORK, FIXTURE AND FURNITURE PLAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A1.41	REFLECTED CEILING PLAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A1.61	FINISH PLAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A1.71	POWER AND COMMUNICATION PLAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A1.81	SECURITY DEVICE PLAN	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A2.10	EXTERIOR STOREFRONT ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A2.20	EXTERIOR FACADE SECTIONS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A2.21	EXTERIOR FACADE SECTIONS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A2.22	EXTERIOR FACADE SECTIONS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A2.23	EXTERIOR FACADE SECTIONS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A2.24	HAMMERED GLASS GLASS @ MOLD & DETAILS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A2.25	HAMMERED GLASS GLASS @ MOLD & DETAILS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A3.00	FRONT OF HOUSE INTERIOR ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A3.01	FRONT OF HOUSE INTERIOR ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A3.02	FRONT OF HOUSE INTERIOR ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A3.03	FRONT OF HOUSE INTERIOR ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A3.50	BACK OF HOUSE INTERIOR ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A5.00	RESTROOM ENLARGED PLAN & ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A5.30	IT SECURITY, MANAGER'S OFFICE INTERIOR ELEVATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.00	PARTITION TYPES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.10	DOOR AND HARDWARE SCHEDULE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.12	DOOR TYPES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.13	DOOR DETAILS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.40	SCHEDULE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.41	SCHEDULE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.50	SIGNAGE SCHEDULE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A6.51	SIGNAGE SCHEDULE	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A7.20	BASE DETAILS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

A7.30	CEILING DETAILS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A8.00	PLAN DETAILS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.01	NOTES	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.02	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.03	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.04	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.05	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.06	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.07	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.08	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.09	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.10	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.11	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.12	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
A10.13	SPECIFICATIONS	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

DWG.	MECHANICAL	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ME0.0	MECHANICAL LEGEND & SCHEDULES	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ME1.0	MECHANICAL PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ME2.0	MECHANICAL PIPING PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ME3.0	MECHANICAL DETAILS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ME4.0	MECHANICAL DETAILS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
ME5.0	MECHANICAL DETAILS	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DWG.	ELECTRICAL	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-1	ELECTRICAL LIGHTING PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-2	ELECTRICAL POWER PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-3	ELECTRICAL SPECIAL EQUIPMENT PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-4	LOW VOLTAGE PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-5	ONE LINE DIAGRAM PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-6	ELECTRICAL SCHEDULES PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-7	LIGHTING CONTROL & SCHEDULES PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DWG.	PLUMBING	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S100	PLUMBING WATER SUPPLY & WASTE PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S101	PLUMBING ISOMETRIC WATER SUPPLY & WASTE PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
DWG.	FIRE PROTECTION	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S200	LOCATION OF FIRE DETECTION DEVICES	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S201	LOCATION OF FIRE DETECTION DEVICES	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S202	FIRE PROTECTION PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
S203	FIRE PROTECTION PLAN	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

DWG.	STRUCTURAL																
E-101	PLANTA GENERAL	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-102	PLANTA Y ELEVACIONES	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-103	PLANTA, CORTES Y DETALLES	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●
E-104	CORTES	○	○	●	●	●	●	●	●	●	●	●	●	●	●	●	●

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	TIFFANY&CO.
PROJECT:	WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	edicon CONSTRUCTION & CONSULTING
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	SHEET NUMBER:
COVER / DRAWING INDEX	A 0.00

RESPONSIBILITY SCHEDULE GENERAL NOTES

- A. UNLESS EXPLICITLY STATED ON RESPONSIBILITY SCHEDULE OR OTHERWISE INDICATED ON CD DRAWINGS, ALL WORK INDICATED IS FURNISHED AND INSTALLED BY GENERAL CONTRACTOR.
- B. AT PROJECT START, GC TO NOTIFY TCO PM OF ALL REQUIRED ON-SITE DATES FOR TCO FURNISHED ITEMS.
- C. AT PROJECT START, GC TO COORDINATE WITH TCO PM THE TIMELINE AND SCHEDULE FOR TCO INSTALLED ITEMS.
- D. ALL TCO FURNISHED ITEMS WILL BE SHIPPED TO A WAREHOUSE IN THE GENERAL VICINITY OF THE PROJECT SITE CONTRACTED BY THE GC.
- E. TCO VENDORS WILL PROVIDE THE GC WITH ITEMIZED LIST STATING CONTENTS OF EACH CRATE SHIPPED TO WAREHOUSE.
- F. GC RESPONSIBLE FOR UNCRATING ALL TCO PROVIDED ITEMS AND DISPOSAL OF ALL CRATES.
- G. GC IS RESPONSIBLE FOR VERIFYING QUANTITIES AND CONDITIONS OF DELIVERED TCO PROVIDED ITEMS AND NOTIFY TCO PROJECT MANAGER IN WRITING OF MISSING OR DAMAGED ITEMS WITHIN 48 HOURS OF DELIVERY. DAMAGED ITEMS TO BE DOCUMENTED WITH PHOTOS.
- H. GC ASSUMES ALL RESPONSIBILITY FOR ALL ITEMS ONCE DELIVERED, INSPECTED AND DOCUMENTED AS NOTED ABOVE.
- I. FOLLOWING INSTALLATION OF TCO FURNISHED ITEMS, GC IS RESPONSIBLE FOR PROTECTION OF ITEMS UNTIL PROJECT TURNOVER. PROTECTION TO INCLUDE DUST PROTECTION, SHOWCASE TOPS TO PROTECTED WITH MASONITE (HARDBOARD) COVERED WITH PLASTIC SHEETS.
- J. PRIOR TO PROJECT TURNOVER, GC IS RESPONSIBLE FOR CLEANING OF ALL INSTALLED ITEMS. CLEANING TO INCLUDE DUST REMOVAL AND THOROUGH CLEANING OF ALL GLASS, METALS, FABRIC, CARPET, WOOD, STONE, ETC.
- K. FREESTANDING AND PERIMETER DISPLAY MILLWORK WILL COME TO SITE WITH ALL LIGHTING FURNISHED AND INSTALLED IN MILLWORK FACTORY AND PREWIRED TO J-BOX WITHIN THE MILLWORK.
- L. TEMPLATES FOR DURATION OF PROJECT, STAY ONSITE.
- M. GC ASSUMES ALL RESPONSIBILITY FOR PROVIDING A CONSTRUCTION WMP: WASTE MANAGEMENT PLAN PER CLIENTS SUSTAINABILITY GUIDELINES.

RESPONSIBILITY SCHEDULE NOTES

1. TCO MILLWORK CONTRACTOR TO PROVIDE MDF TEMPLATES FOR ALL SHOWCASES, POS AND DISPLAY TEMPLATES TO INCLUDE EXACT LOCATION OF LEGS REQUIRING POWER OR DATA FEEDS, AND LOCATION OF FLOOR BOXES. MWC TO NUMBER THE TEMPLATES AND PROVIDE KEY PLAN. GC TO NOTIFY TCO PM AT PROJECT START OF THE DATE THAT TEMPLATES ARE REQUIRED ON SITE. GC IS RESPONSIBLE FOR RETAINING MILLWORK TEMPLATES ON-SITE THRU THE DURATION OF CONSTRUCTION FOR LAYOUT, POWER /DATA LOCATIONS AND FINAL MILLWORK INSTALLATION PURPOSES.
2. LAYOUT TO INCLUDE LOCATIONS OFF ALL WALLS, DOORS, CLG HGT. CHANGES, SHOWCASES, DISPLAY FIXTURES, LIGHTING FIXTURES, POWER /DATA FEEDS, STOREFRONT STONE OPENINGS, AND SLOT DIFFUSERS TO BE PAINTED ON SLAB AND MAIN AXIS.
3. TCO PM AND AOR TO REVIEW AND APPROVE LAYOUT PRIOR TO CONSTRUCTION.
4. GC IS RESPONSIBLE FOR ALL IN-WALL STEEL FOR INSTALL SUPPORT AND ATTACHMENT OF STOREFRONT FABRICATIONS AND FINISHES.
5. STORE FRONT METAL AND GLASS FABRICATIONS INCLUDE:
A. SECURITY DOORS AND GATES INCLUDING HARDWARE.
B. ENTRANCE DOORS, SIDELIGHTS AND TRANSOMS INCLUDE HARDWARE.
C. METAL PANELS, SOFFITS, FASCIAS AND CANOPIES.
D. STOREFRONT MULLIONS AND GLAZING.
E. ILLUMINATED GLASS FEATURE.
F. LIGHTBOXES INCLUDING BACKBOX AND LIGHTING.
6. ALL HARDWARE FOR ENTRANCE DOORS AND SECURITY DOORS TO BE FURNISHED AND INSTALLED IN FACTORY BY DOOR FABRICATOR. GC TO INSTALL ANY PORTIONS OF DOOR HARDWARE IN FLOOR.
7. SIGNAGE WILL BE DELIVERED TO SITE WITH LIGHTING INSTALLED AND PREWIRED WITH REMOTE POWER SUPPLIES.
8. AT PROJECT START, MILLWORK HARDWARE PROGRAMMING VENDOR TO COORDINATE TIMELINE AND SCHEDULE FOR THE PROGRAMMING OF ELECTRONIC LOCKING PRIOR TO TURNOVER.
9. GC IS RESPONSIBLE FOR ENGINEERING OF STONE ATTACHMENTS, WHERE REQUIRED BY AHJ. GC TO PROVIDE ENGINEERED SHOP DRAWINGS FOR STONE ATTACHMENTS, SIGNED AND SEALED BY A STRUCTURAL ENGINEER LICENCED IN THE JURISDICTION OF THE PROJECT.
10. GC TO VERIFY HOLD DIMENSIONS AT TIME OF LAYOUT FOR ALL BOH MODULAR AND SYSTEMS FURNITURE AND STORAGE AND NOTIFY SFC OF ANY DISCREPANCIES PER SYSTEMS FURNITURE SHOP DRAWINGS.
11. GC TO PROVIDE BLOCKING / STRAPPING AS REQUIRED FOR INSTALLATION OF TCO PROVIDED BOH MODULAR AND SYSTEM FURNITURE.
12. FOLLOWING INSTALLATION OF ALL MILLWORK, MILLWORK CONTRACTOR SHALL PERFORM ALL FINAL ADJUSTMENTS OF SHOWCASE AND DISPLAY DOORS, PADS, DRAWERS, LOCKS AND LIGHTING AS REQUIRED FOR ALIGNMENT AND OPERATION.
13. GC TO PURCHASE INSTALL OF BOH MODULAR AND SYSTEM FURNITURE FROM TCO DESIGNATED SFC.
14. HARDWARE ON FOH DOORS TO BE FURNISHED AND INSTALLED IN SHOP BY TCO PERIMETER MWC. GC TO INSTALL ANY DOOR HARDWARE COMPONENTS ATTACHED TO WALL OR FLOOR.
15. GC TO VERIFY HOLD DIMENSIONS AT TIME OF LAYOUT AND NOTIFY PERIMETER MILLWORK CONTRACTOR OF ANY DISCREPANCIES PER MILLWORK SHOP DRAWINGS. GC TO COORDINATE DIMENSIONS WITH APPROVED MILLWORK SHOP DRAWINGS.
16. FOLLOWING INSTALLATION OF MILLWORK, GC SHALL PERFORM ALL TOUCH-UP REQUIRED TO CONCEAL FASTENINGS, JOINTS, SCRATCHES AND OTHER IMPERFECTIONS. TCO PERIMETER MILLWORK CONTRACTOR(S) TO PROVIDE TOUCH UP MATERIALS.
17. MISC. FOH MILLWORK INCLUDES:
A. MIRROR PANELS @ PERIMETER NICHEs
B. METAL BASES
C. MIRROR COLUMN ENCLOSURE
D. MIRROR SOFFITS
E. METAL TRIMS, NICHEs, & OPENINGS
18. TCO SAFE VENDOR WILL FURNISH AND INSTALL SAFE. GC RESPONSIBLE:
A. REINFORCE SLAB WHERE REQUIRED AND INDICATE ON CD DRAWINGS.
B. GC TO MAINTAIN CLEAR ACCESS ROUTE TO SAFE LOCATION UNTIL INSTALLATION.
C. GC TO INSTALL FLOOR STOP PROVIDED WITH SAFE.
D. GC TO PROVIDE PROTECTION AROUND SAFE UNTIL TURNOVER.
19. GC TO PURCHASE INSTALL OF INVENTORY STORAGE SYSTEMS FROM TCO DESIGNATED SSC.
20. GC TO SET FURNITURE IN LOCATIONS SHOWN ON DRAWINGS AND PROTECT INSTALLED FURNITURE UNTIL TURNOVER.
21. GC TO HANG ARTWORK IN LOCATIONS INDICATED ON DRAWINGS. HANGING HARDWARE PROVIDED WITH ARTWORK.
22. DECORATIVE LIGHTING INCLUDES:
A. CHANDELIERS
B. SCONES
C. TABLE LAMPS
23. GC TO FURNISH AND INSTALL SUPPORT STRUCTURE ABOVE CEILING FOR CHANDELIER INSTALLATION.
24. LIGHTING IN BLUE GLASS FACADES TO BE AIMED BY GC AS DIRECTED BY LIGHTING CONSULTANT PRIOR TO INSTALLATION OF GLASS.
25. FOH LIGHTING TO BE AIMED BY GC AS DIRECTED BY LIGHTING CONSULTANT. GC TO COORDINATE WITH TCO PM.
26. GC TO NOTIFY SECURITY VENDOR (2) WEEKS PRIOR TO CLOSE UP OF CEILINGS TO COORDINATE INSTALLATION OF SECURITY WIRING.
27. GC TO PURCHASE SOUND SYSTEM COMPONENTS FROM TCO DESIGNATED VENDOR.
28. GC TO PULL WIRING. TCO INSTALLS DEVICES. TCO PROVIDES CAT 6 CABLING.
29. FOH FINISHES, EXCEPT PAINT FINISHES.
30. AT PROJECT START, SUPPLIER TO CONFIRM UL LISTING (OR SIMILAR REGIONAL CERTIFICATION) REQUIREMENT AND COORDINATE TIMELINE AND SCHEDULE WITH TCO PM.
31. GC TO PURCHASE FABRICATION OF AND INSTALL OF BARRICADE GRAPHIC / WINDOW FROM TCO DESIGNATED VENDOR.
32. LL RESPONSIBLE FOR SIDES AND BACK WALL. GC RESPONSIBLE FOR FRONT.
33. EXISTING BARRICADE IS BOSTON BARRICADE SYSTEM. GC TO MAKE MODIFICATION AS NECESSARY TO MATCH WITH NEW LAYOUT. COORDINATE WITH BOSTON BARRICADE.
34. GC SHALL BE RESPONSIBLE FOR PROVIDING & INSTALLING STEEL SPREADER PLATES AS REQUIRED AT ALL FLOOR STANDING MILLWORK FIXTURES. REFER TO STRUCTURAL ENGINEERING DRAWINGS FOR DETAILS.
35. GC TO BE RESPONSIBLE FOR DEMO AS REQUESTED OR NOTED.
36. GC TO ORDER FROM TCO VENDOR DIVISION 8.

RESPONSIBILITY SCHEDULE

RESPONSIBILITY SCHEDULE				
ITEM	FURNISHED	INSTALLED BY	NOTES	
GENERAL				
DEMISING WALLS	LL	LL	32	
DEMOLITION	LL	GC	35	
LAYOUT	GC	GC	1, 2, 3, 15	
BARRICADE	GC	GC	33	
BARRICADE GRAPHICS	TCO	GC		
TCO COMMODITIES STORAGE	TCO	GC	D, E	
STOREFRONT				
STOREFRONT METAL & GLASS FABRICATION	TCO OR GC	GC	4, 5, 6	
EXTERIOR SIGNAGE	TCO	GC	7, 30	
STOREFRONT LIGHTING	TCO	GC		
STRUCTURAL STEEL SUPPORTS	GC	GC	4	
ROLL DOWN SECURITY GRILLE	GC	GC		
STOREFRONT DIGITAL SCREEN	TCO	TCO OR GC		
TEMP STOREFRONT GRAPHIC / WINDOW VINYLs	TCO	TCO OR GC	31	
DOOR AND HARDWARE				
ENTRANCE DOORS & HARDWARE	TCO	GC		
FOH DOORS, FRAMES & HARDWARE	TCO	GC OR TCO	14	
PRIVATE SALES SLIDING DOORS	TCO	GC OR TCO	14	
BOH DOORS, FRAMES, HARDWARE	GC	GC		
MILLWORK				
MILLWORK	TCO	GC OR TCO	12, 14, 15, 16, 17, 30, 34	
MISC FABRICATION	GC	GC	17, 34	
BOH P-LAM CABINETRY	TCO	GC	12	
STRUCTURAL STEEL SUPPORTS	GC	GC		
EQUIPMENT	TCO	GC		
MILLWORK HARDWARE - ELECTRONIC LOCKING SYSTEM PROGRAMMING	TCO	TCO	8	
FLOORING				
FOH FLOOR FINISHES	TCO	GC		
CARPET PAD	GC	GC		
BOH FLOOR FINISHES	GC	GC		
WALL FINISH				
FOH FINISHES	TCO	GC	29	
BOH FINISHES	GC	GC		
SPECIALITY				
SAFE	TCO	TCO	18	
INTERIOR SIGNAGE	TCO	GC	30	
ILLUMINATED FABRIC CLG & THROUGH SYSTEM	TCO	GC		
FFE				
FOH FURNITURE	TCO	GC	20	
BOH FURNITURE - SEATING/TABLES	TCO	GC		
ARTWORK	TCO	GC	21	
INVENTORY STORAGE SYSTEMS	TCO	GC	19	
BOH MODULAR SYSTEMS FURNITURE	TCO & GC	GC	10, 11, 13	
BOH IT EQUIPMENT	TCO	TCO		
BOH AFTER SALES EQUIPMENT	TCO	TCO		
BOH HOSPITALITY AND EMPLOYEE KITCHENETTE APPLIANCES	TCO & GC	GC		
LIGHTING				
FOH GENERAL LIGHTING	TCO	GC	25	
LIGHTING CONTROLS	TCO	GC	#S1	
BOH LIGHTING	GC	GC		
EMERGENCY LIGHTING / EXIT SIGNS	GC	GC		
DECORATIVE LIGHTING	TCO	GC	22, 23, 25	
I.T.				
I.T. CABLE, CABLE PULLS, RACK	GC	GC		
PEOPLE COUNTER SYSTEM	TCO	GC		
WIRELESS ACCESS POINTS	TCO	GC		
I.T. CABLE TERMINATION	TCO	TCO		
SECURITY				
SECURITY ALARM WIRING	TCO	TCO	26	
SECURITY CAMERA AND ALARM DEVICE	TCO	TCO		
SECURITY RACK & ALARM PANEL	TCO	TCO		
SECURITY CAMERA WIRING	TCO	GC		
SECURITY CARD ACCESS	TCO	TCO		
A.V.				
MUSIC SYSTEM INCLUDING WIRING	GC	GC	27	
LED SCREENS & MOUNTS	TCO	TCO		
HVAC				
HVAC UNITS	GC	GC	#S1	
VAV SYSTEM / AIR SUPPLY	GC	GC	#S1	
FRESH AIR SUPPLY	LL	GC	#S1	
CHILLED WATER	LL	GC	#S1	
HVAC DISTRIBUTION & CONTROL	GC	GC	#S1	
ELECTRICAL				
ELECTRICAL SERVICE, FEEDERS-CONDUIT	GC	GC		
ELECTRICAL SERVICE, FEEDERS-WIRING	GC	GC		
TEL/DATA SERVICE CONDUIT	GC	GC		
WATER HEATER	GC	GC	#S1	
EXHAUST FANS	GC	GC	#S1	

SUBMITTAL SCHEDULE GENERAL NOTES

- SUBMITTAL SCHEDULE GENERAL NOTES:
- A. ALL SUBMITTALS BY TCO VENDERS SHALL BE SUBMITTED VIA POSTING ON UNIFIER WITH NOTIFICATIONS TO THE GC, ARCHITECT OF RECORD, TCO DESIGN MANAGER, TCO PROJECT MANAGER AND TCO SOURCING SUBMITTALS FOR STANDARD ITEMS TO BE SUBMITTED WITHIN ONE WEEK OF RECEIPT OF PURCHASE ORDER. SUBMITTALS OF MODIFIED OR NON STANDARD ITEMS TO BE SUBMITTED WITHIN TWO WEEKS OF PURCHASE ORDER.
- B. ALL GC SUBMITTAL SHALL BE SUBMITTED VIA POSTING ON UNIFIER WITH THE NOTIFICATIONS TO ARCHITECT OF RECORD, TCO DESIGN MANAGER, AND TCO PROJECT MANAGER. WHERE INDICATED IN SCHEDULE. ADDITIONAL NOTIFICATIONS TO INCLUDE ENGINEER OF RECORD, STRUCTURAL ENGINEER AND LIGHTING CONSULTANT.
- C. ALL GC SUBMITTALS TO BE SUBMITTED WITHIN TWO WEEKS (14 CALENDAR DAYS) OF AWARD OF CONTRACT.
- D. ALL SUBMITTALS TO BE REVIEWED BY CONSULTANT INDICATED IN SCHEDULE WITHIN ONE WEEK (7 CALENDAR DAYS) FROM UNIFIER NOTIFICATION.
- E. FOLLOWING REVIEW, THE REVIEWING CONSULTANT SHALL STAMP THE SUBMITTAL WITH ONE OF THE FOLLOWING:
APPROVED / APPROVED AS NOTED - REVISE AND SUBMIT FOR RECORD/ REJECTED/ REVISE AND RESUBMIT. REJECTED ITEMS TO BE MARKED WITH EXPLICIT REASONS FOR REJECTION.
- F. REVIEWING CONSULTANT SHALL POST REVIEWED SUBMITTALS ON UNIFIER WITH NOTIFICATIONS TO ALL PARTIES WHO RECEIVED NOTIFICATION OF THE INITIAL SUBMITTAL.
- G. SUBMITTALS REQUIRING RE-SUBMITTAL SHALL BE REVISED AND RESUBMITTED VIA UNIFIER WITHIN ONE WEEK (SEVEN CALENDAR DAYS) OF RECEIVING FIRST SUBMITTAL REVIEW COMMENTS.
- H. SUBMITTALS NOT REQUIRED AND POSTED IN UNIFIER WITHIN 7 DAYS OF UNIFIER NOTIFICATION SHALL BE DEEMED APPROVED FOR PURCHASE AND/ OR FABRICATION.
- I. SUBMITTALS OF CUT SHEETS OR BROCHURES TO INCLUDE MARKING OR HIGHLIGHTING OF SPECIFIC ITEMS, FINISHES AND OPTIONS BEING SUBMITTED.

SUBMITTAL SCHEDULE NOTES

SUBMITTAL SCHEDULE KEY NOTES:

1. TCO MILLWORK VENDORS TO HAVE PRE-APPROVED SHOP DWGS ON FILE WITH TCO FOR ALL STANDARD ITEMS IN SCOPE. FOLLOWING INITIAL TCO APPROVAL, SUBMITTAL AND REVIEW OF SHOP DRAWINGS FOR STANDARD ITEMS IS NOT REQUIRED FOR SUBSEQUENT PROJECTS. FOR EACH PROJECT, TCO MILLWORK VENDOR WILL PREPARE A PACKAGE OF STANDARD SHOP DRAWINGS FOR EACH ITEM USED ON THE PROJECT AND POST ON UNIFIER WITHIN ONE WEEK OR RECEIPT OF P.O. SHOP DRAWING PACKAGE TO INCLUDE KEY PLAN SHOWING LOCATIONS OF ALL ITEMS AND REQUIRED LOCATIONS OF POWER/DATA FEEDS FROM FLOOR FOR EACH ITEM.
2. ANY STANDARD ITEM WHICH IS REQUIRED TO BE MODIFIED IN ANY WAY FOR A PROJECT REQUIRES A SHOP DRAWING SUBMITTAL SHOWING THE MODIFICATION TO BE REVIEWED AND APPROVED BY THE ARCHITECT OF THE RECORD. MODIFICATIONS TO STANDARD ITEMS ARE DENOTED WITH SUFFIX (M) ON THE CD DOCUMENTS AND INCLUDE MODIFICATIONS TO STANDARD DIMENSION AND FINISHES.
3. TCO VENDORS TO HAVE PRE-APPROVED CONTROL SAMPLES OF STANDARD FINISH MATERIALS ON FILE. VENDOR TO SUBMIT SPEC SHEET FOR APPROVAL. SUBMITTAL OF APPROVED STANDARD FINISH MATERIALS FOR EACH PROJECT IS NOT REQUIRED.
4. ALL NON-STANDARD OR MODIFIED FINISH MATERIALS REQUIRES SUBMITTAL OF SAMPLES FOR TCO APPROVAL.
5. STONE SUPPLIER TO PROVIDE ELEVATION DRAWING SHOWING STANDARD STONE PIECES BEING PROVIDED AND INDICATING HOW THESE PIECES TO BE CUT TO FIT INTO FACADE.
6. STONE INSTALLER TO PROVIDE SHOP DRAWING OF FACADE BASED ON FIELD VERIFIED DIMENSIONS AND USING STANDARD STONE PIECES PER STONE SUPPLIER CUT DRAWING. SHOP DRAWING TO INCLUDE STONE ATTACHMENT DETAILS.

SUSTAINABILITY SUBMITTAL SCHEDULE KEY NOTES:

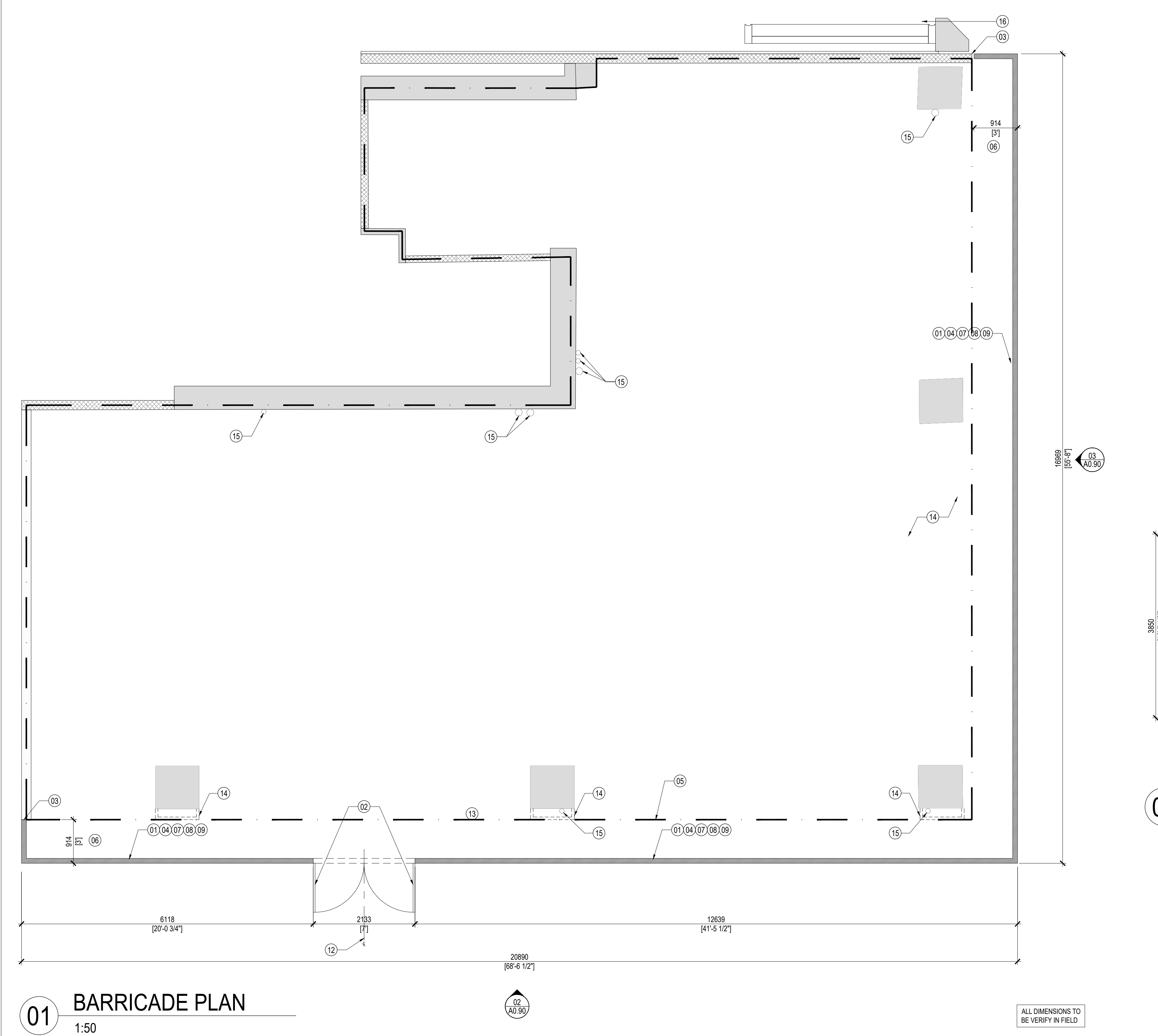
- S1. ALL SUBMITTALS TO BE REVIEWED BY SC (SUSTAINABILITY CONSULTANT). GC TO PROVIDE PROVIDE LETTER OF ASSURANCE OF PROVISION AND INSTALLATION

SUBMITTAL SCHEDULE - G.C.

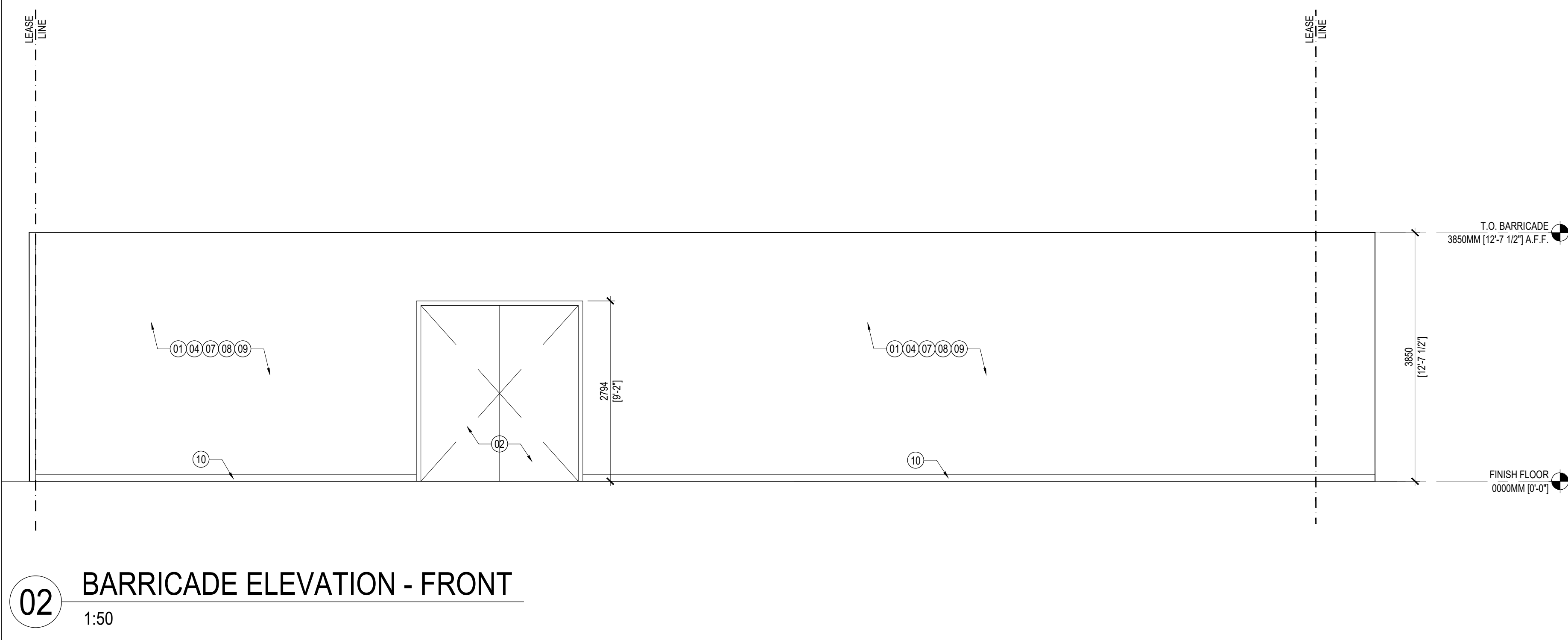
ITEM	PRE APPROVED	SUBMIT FOR APPROVAL	REVIEW APPROVAL BY	NOTES
ARCHITECTURAL				
STRUCTURAL STEEL SHOP DWGS		X	SEAOR	
MISC STEEL SHOP DWG		X	SEAOR	
STONE INSTALLATION SHOP DWG		X	AOR	
SECURITY MESH CUT SHEET		X	AOR	
BOH DOORS FRAMES SHOP DWG		X	AOR	
BOH DOOR HARDWARE SCHEDULE / CUT SHEET		X	AOR	
PAINT DRAW DOWNS		X	AOR	
FIRE EXTINGUISHER CUT SHEET		X	AOR	
ACCESS PANEL / VALVE BOX CUT SHEET		X	AOR	
FLOOR LEVELING PRODUCT CUT SHEET		X	AOR/ SC	S1
MECHOSHADE DWG / CUT SHEET		X	AOR/EOR	
GFRG/GFRG SHOP DWG		X	AOR	
RESTROOM ACCESSORIES CUT SHEET		X	AOR	
LIGHT BOX BACKBOX / LED DWG		X	AOR	
ELEVATOR DWG		X	AOR/EOR	
ELEVATOR DOOR / FRAME DWG		X	AOR	
ELEVATOR APPLIANCES CUT SHEET		X	AOR/EOR	
DUMBWATER DWG / CUT SHEET		X	AOR/EOR	
ROLL-DOWN SECURITY GRILLE DWG / CUT SHEET		X	AOR/EOR	
APPLIANCE CUT SHEET	X	X	AOR/ SC	S1
MIRROR		X	AOR	
PORTAL FRAMING		X	AOR	
SECURITY DOORS SHOP DWG		X	AOR	
STANDARD ENTRANCE DOOR & FRAME SHOP DWG	X			1
(M) MODIFIED STANDARD ENTRANCE DOOR & FRAME SHOP DWG		X	AOR	
TRANSOM & SIDELITES SHOP DWG		X	AOR	
SEE THRU WINDOW SHOP DWG		X	AOR	
LIGHT BOX WINDOW SHOP DWG		X	AOR	
BLUE GLASS FEATURE SHOP DWG		X	AOR/LC	
BLUE GLASS FACADE SHOP DWG		X	AOR/LC	
METAL GRILLES / SCREENS SHOP DWG		X	AOR	
METAL FASCIA PANELS, CANOPIES SHOP DWGS		X	AOR	
METAL / GLASS MATERIAL SAMPLES		X	AOR	
LIGHTING SUBMITTAL		X	AOR/LC/EOR	
MECHANICAL				
HVAC EQUIPMENT CUT SHEETS		X	EOR	
DUCT WORK SHOP DWGS		X	EOR	
SLOT & DIFFUSER CUT SHEETS		X	EOR/AOR	
HVAC CONTROLS CUT SHEETS		X	EOR	
DAMPERS (CABLE, MOTORIZED, FIRE, FIRE/SMOKE)		X	EOR/AOR	
DUCT & PIPE INSULATION		X	EOR/ SC	S1
PIPING MATERIALS		X	EOR	
WATER PIPING EQUIPMENT (VALVES, GAUGES, ETC)		X	EOR	
PLUMBING EQUIPMENT & FIXTURE CUT SHEETS		X	EOR/AOR/ SC	S1
TEST & BALANCE (AIR SIDE & WATER SIDE)		X	EOR/ SC	S1
PIPING SHOP DWGS		X	EOR	
THERMOSTATS & SENSORS		X	EOR	
ELECTRICAL				
LIGHTING FIXTURES CUT SHEET (ALL FIXTURES, FOH & BOH)		X	LC/EOR	
LIGHTING CONTROLS (PANELS, SENSORS, KEYPANDS, ETC)		X	EOR	
ELECTRICAL PANELS		X	EOR	
OUTLETS & SWITCHES		X	EOR/AOR	
SOUND SYSTEM		X	AOR	
EMERGENCY LIGHTING & EXIT SIGNS		X	EOR/AOR	
TRANSFORMERS		X	EOR	
EQUIPMENT DISCONNECT SWITCHES		X	EOR	
FLOOR BOXES AND/OR POKE-THRU DEVICES		X	EOR	
		X		
FIRE PROTECTION				
FIRE ALARM SHOP DWGS w/ BATTERY CALCULATIONS		X	EOR	
FIRE ALARM CONTROL PANEL & DEVICES		X	EOR	
FIRE SPRINKLER SHOP DWG w/ HYDRAULIC CALCULATIONS		X	EOR	
FIRE SPRINKLER DEVICES		X	EOR/AOR	
SUSTAINABILITY				
PAINTS/COATINGS	X	X	AOR/SC	S1
ADHESIVES/SEALANTS	X	X	AOR/SC	S1
CEILINGS - GYP BD/ACT	X	X	AOR/SC	S1
CEILING AND WALL INSULATION	X	X	AOR/SC	S1

SUBMITTAL SCHEDULE- TIFFANY VENDOR

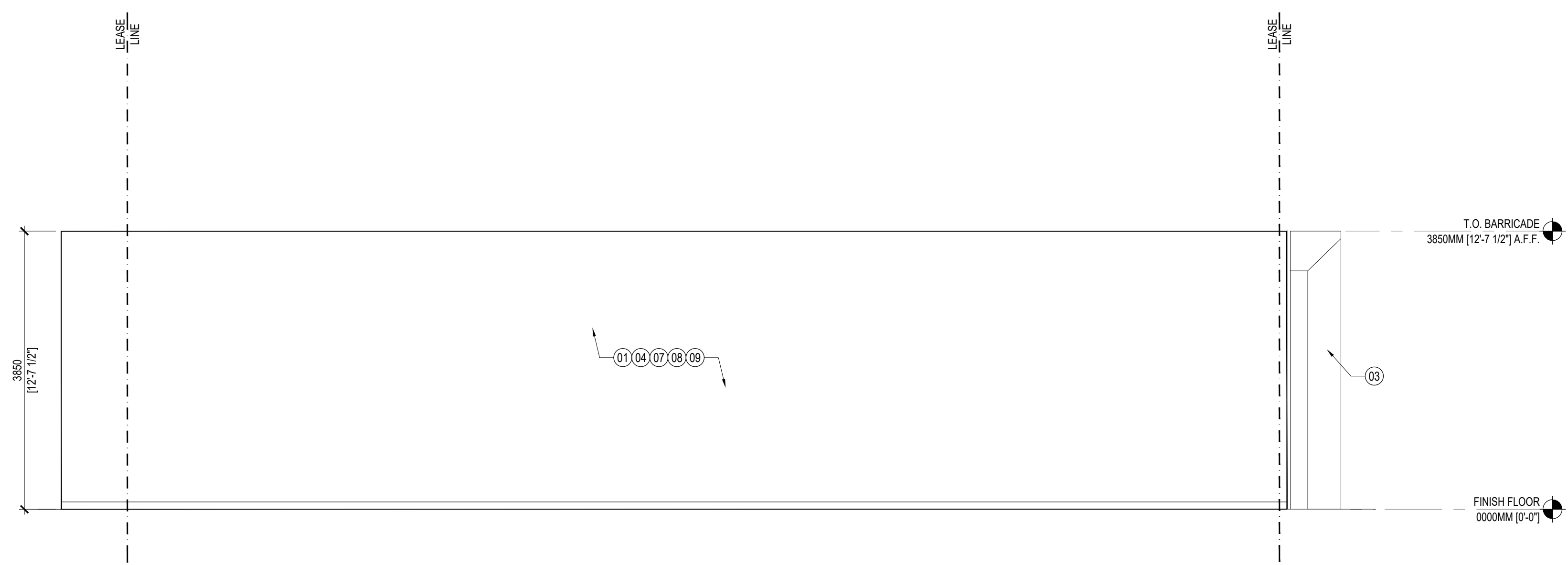
ITEM	PRE APPROVED	SUBMIT FOR APPROVAL	REVIEW APPROVAL BY	NOTES
MILLWORK				
STANDARD FIXTURES SHOP DWG	X	X	AOR	1
(M) MODIFIED STANDARD FIXTURES SHOP DWG		X	AOR	2
CUSTOM FIXTURES SHOP DWG		X	AOR	
STANDARD FINISH MATERIAL	X			3
NON-STANDARD FINISH MATERIALS		X	TCO	4
TEMPLATES FOR MILLWORK		X	AOR	
TEMPLATES FOR PORTALS		X	AOR	
PERIMETER WALL UNITS				
STANDARD WALL UNIT SHOP DWG	X	X	AOR	1
(M) MODIFIED STANDARD FIXTURES SHOP DWG		X	AOR	2
CUSTOM FIXTURES SHOP DWG		X	AOR	
STANDARD FINISH MATERIALS	X			3
NON-STANDARD FINISH MATERIALS		X	TCO	4
PERIMETER MILLWORK (FOH)				
STANDARD WALL UNIT SHOP DWG	X			1
NON-STANDARD WALL PANELS SHOP DWG		X	AOR	2
OPERABLE WALL PANELS SHOP DWG		X	AOR	
STANDARD PRIVATE SALES WALL PANELS SHOP DWG	X		AOR	
FOH DOORS, FRAMES, HARDWARE SHOP DWGS		X	AOR	
METAL TRIMMED OPENING & FINS SHOP DWG		X	AOR	
MISC. PERIMETER MILLWORK SHOP DWGS		X	AOR	
STANDARD FINISH MATERIAL SAMPLES	X			3
NON-STANDARD FINISH MATERIALS		X	TCO	4
FEATURE WALL PANEL SHOW DWG		X	AOR	
PERIMETER MILLWORK (BOH)				
MODULAR CABINETRY SHOP DWG	X	X	AOR	1
(M) MODIFIED CABINETRY SHOP DWGS		X	AOR	2
MODULAR SYSTEMS FURNITURE SHOP DWG/CUT SHEET	X	X	AOR	1
(M) MODIFIED SYSTEMS FURNITURE SHOP DWG/CUT SHEET		X	AOR	2
FURNITURE SEATING/TABLES CUT SHEET	X	X	AOR	1
(M) MODIFIED FURNITURE SEATING/TABLES CUT SHEET		X	TCO	2
MODULAR CLOSET/LOCKERS/STORAGE SHOP DWG	X	X	AOR	1
INVENTORY STORAGE SYSTEMS	X	X	AOR	1
(M) MODIFIED INVENTORY STORAGE SYSTEMS		X	AOR	2
STANDARD FINISH MATERIAL SAMPLE	X	X	AOR	3
(M) MODIFIED FINISH MATERIALS		X	TCO	4
DOOR OPENINGS / PORTAL				
FAÇADE STONE PANEL CUT DWG		X	AOR	5
STONE FAÇADE SHOP DWGS		X	AOR	
STONE FLOOR SHOP DWG		X	AOR	
STONE TREADS/ RISERS/ STRINGER TRIMS SHOP DWG		X	AOR	
STANDARD STONE SAMPLES	X			3
NON-STANDARDS STONE SAMPLES		X	TCO	4
INTERIOR STONE PORTALS AND WALLS	X	X	AOR	
SIGNS				
STANDARD SIGN SHOP DWG	X			1
(M) MODIFIED STANDARD FIXTURES SHOP DWGS		X	AOR	2
CUSTOM SIGN SHOP DWGS		X	AOR	
STOREFRONT METAL & GLASS				
ENTRANCE DOORS	X	X	AOR	1
SECURITY DOORS	X	X	AOR	1
SEE-THRU WINDOWS	X	X	AOR	1
GLASS FEATURES	X	X	AOR	1
CANOPIES		X	AOR	
STANDARD MATERIALS	X			3
NON-STANDARD MATERIALS	X	X	TCO	4
LIGHTBOXES	X	X	AOR	1
PAVILION				
FRAMING	X	X		
GLASS	X	X	AOR	
STRUCTURE	X	X	AOR	
LIGHTING				
ILLUMINATED FABRIC CEILING & THROUGH SYSTEM	X	X	AOR	
LIGHT FIXTURES			AOR	
SOUND SYSTEM				
RETAIL ANALYSIS		X	AOR	



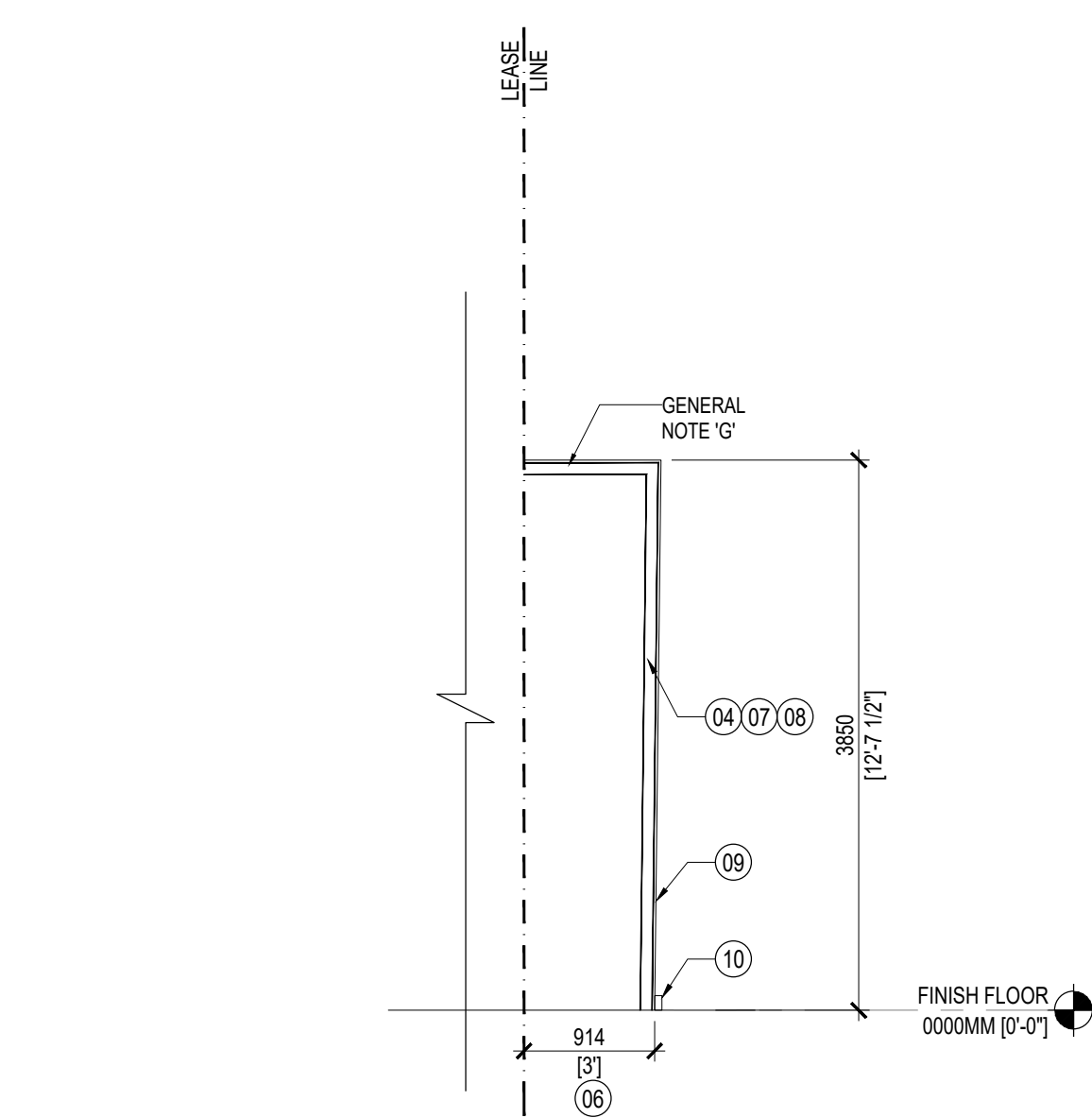
01 BARRICADE PLAN
1:50



02 BARRICADE ELEVATION - FRONT
1:50



03 BARRICADE ELEVATION - SIDE
1:50



04 TYPICAL BARRICADE SECTION
1:50

LEGEND	
	LEASELINE
	COLUMN GRID
	AXIS LINE
	CONCRETE PARTITION TO REMAIN
	CMU PARTITION TO REMAIN
	GYPSUM BOARD PARTITION TO REMAIN
	BARRICADE

- ### SHEET NOTES
- NEW CONSTRUCTION BARRICADE
 - HM DOOR AND FRAME IN BARRICADE. PROVIDE WITH (4) BUTT HINGES CYLINDER LOCKSET, FLUSH BOLTS AT INACTIVE LEAF AND THRESHOLD PAINT DOOR AND FRAME TIFFANY BLUE (PT-09).
 - EXISTING WALL OR NEUTRAL PIER. ATTACH BARRICADE IN MANNER NOT TO DAMAGE NEUTRAL PIER.
 - INTERIOR BARRICADES TO BE CONSTRUCTED OF 5/8" (16) GYP. BD. OVER 3 5/8" METAL STUD.
EXTERIOR BARRICADES TO BE CONSTRUCTED WITH 3/4" MDO BOARD OVER CONTINUOUS 6" METAL STUDS.
 - LEASE LINE OR PROPERTY LINE
 - CONFIRM MAXIMUM DISTANCE FROM LEASE LINE TO BARRICADE WITH LANDLORD. USE MAXIMUM PERMITTED.
 - TAPE AND SKIM BARRICADE FOR SMOOTH SURFACE TO RECEIVE VINYL GRAPHIC.
 - GC TO PAINT BARRICADE WITH 2 COATS OF WHITE PRIMER.
 - VINYL GRAPHIC ON BARRICADE TO BE FURNISHED AND INSTALLED BY TCO. GC TO COORDINATE INSTALLATION WITH TCO VENDOR.
 - 1" x 4" APPLIED WOOD BASE. PAINT TIFFANY BLUE (PT-09).
 - LINE OF NEW TIFFANY STOREFRONT.
 - CENTER BARRICADE DOORS ON NEW STORE ENTRANCE.
 - REMOVE EXISTING STOREFRONT IN ITS ENTIRETY INCLUDING ALL SUPPORT STRUCTURE AND FRAMING.
 - REMOVE EXISTING FURRING
 - EXISTING LL PIPING TO REMAIN
 - SPACE FOR TCO GRAPHIC. COORDINATE WITH NEW YORK

- ### GENERAL NOTES
- REFER TO SHEET A0.10 RESPONSIBILITY SCHEDULE FOR ASSOCIATED NOTES.
 - REFER TO SHEET A0.01 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
 - REFER TO SHEET A0.01 FOR ADDITIONAL GENERAL NOTES.
 - REFER TO MEP DRAWINGS FOR ADDITIONAL REMOVALS.
 - UNLESS OTHERWISE NOTED, BARRICADE TO BE CONSTRUCTED BY GC.
 - FOR INTERIOR LOCATIONS BARRICADE TO BE CONSTRUCTED IN ACCORDANCE WITH LANDLORD REGULATIONS.
 - FOR EXTERIOR LOCATIONS, BARRICADE TO BE CONSTRUCTED IN ACCORDANCE WITH LOCAL REGULATIONS.
 - GC TO APPLY FOR, OBTAIN AND PAY FOR ALL PERMITS REQUIRED FOR EXTERIOR BARRICADES.
 - GC IS RESPONSIBLE FOR DESIGN OF FRAMING AND SCAFFOLDING SUPPORTING BARRICADES.
 - INTERIOR BARRICADES TO HAVE 6 MIL POLYETHYLENE DUST PROTECTION AT TOP, TAPED AT SEAMS.
 - EXTERIOR BARRICADES TO HAVE "ROOF" WITH WATERPROOF MEMBRANE AND ALUM. DRIP EDGE.
 - ATTACHMENTS OF BARRICADES TO MALL BULKHEADS, BUILDING FACADE, NEUTRAL PIERS, MALL FLOORING AND SIDEWALKS SHALL BE AS REQUIRED TO STABILIZE BARRICADE AND MINIMIZE DAMAGE OR HOLES IN EXISTING SURFACES. FASTENINGS SHALL BE AT JOINTS BETWEEN MATERIALS. FOLLOWING REMOVAL OF BARRICADE ALL EXISTING SURFACES SHALL BE FULLY RESTORED TO APPEARANCE BEFORE BARRICADE WAS ERECTED.
 - TAPE AND SKIM BARRICADE.
 - BARRICADES FOR PHASED RENOVATIONS TO HAVE SECURITY MESH INTERLAYER BETWEEN GYP. BD. OR MDO BOARD.
 - HEAD CONDITION OF BARRICADE VARIES PER PROJECT CONDITIONS. ADJUST AS REQUIRED.
 - BARRICADE LOCATION MUST BE CONFIRMED IN FIELD TO ENSURE NO CONFLICTS W/ LIGHTING & OTHER OBSTRUCTIONS. G.C. TO VERIFY AS REQ.

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON
LOCAL ARCHITECT:

CHECKED BY: xx

SHEET NAME:
BARRICADE PLAN,
ELEVATIONS AND SECTIONS

SHEET NUMBER:
A 0.90

SHEET NOTES

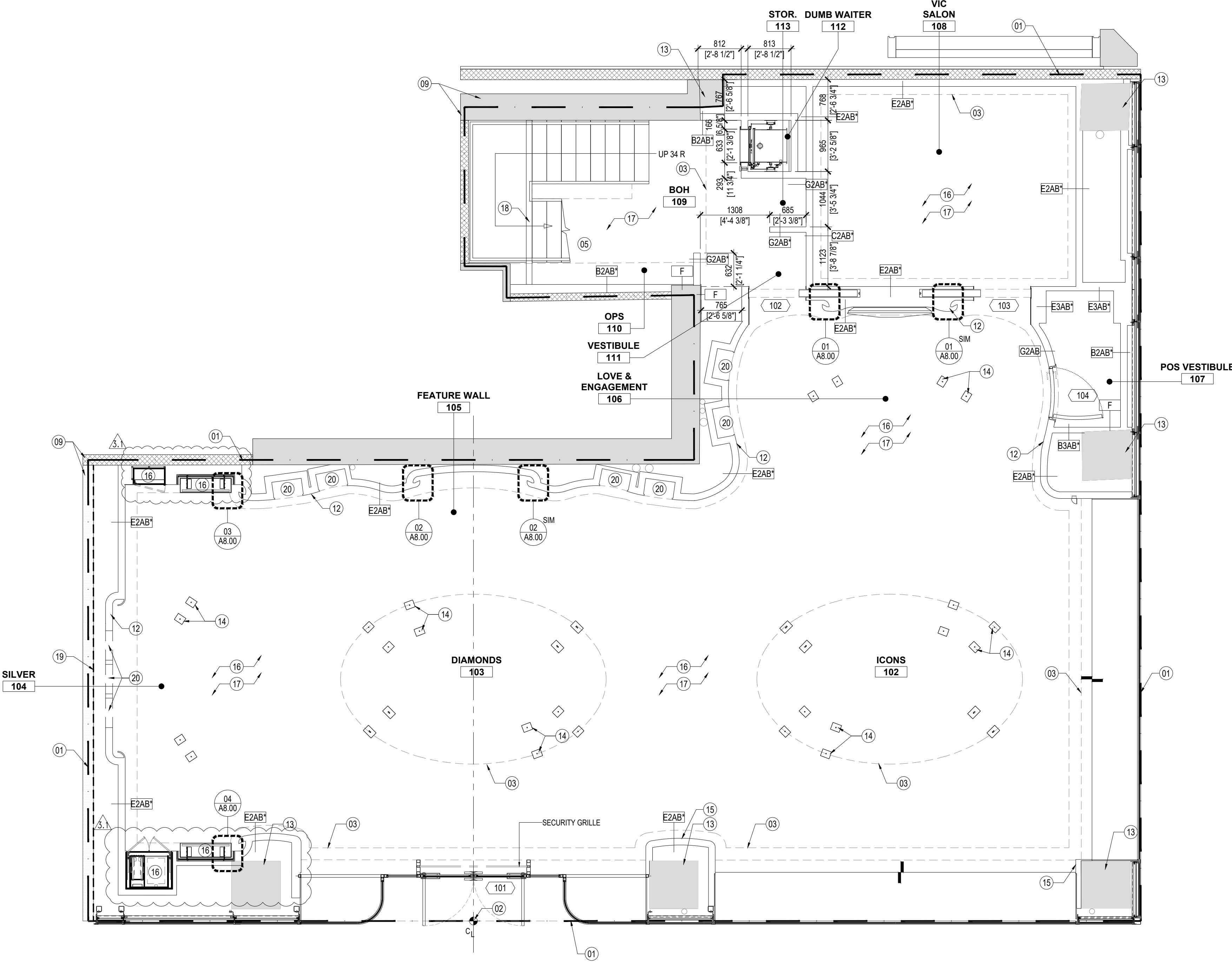
- 01 LEASE LINE
- 02 PROJECT START POINT, CENTERLINE OF ENTRY DOORS, DIAMONDS AND FEATURE WALL
- 03 CEILING TRANSITION ABOVE
- 04 INSTALL PLYWOOD PANELS ON (3) SIDES OF WALLS IN IT AREA
- 05 AREA OF FLOORING TO BE REINFORCED FOR SAFE - SEE STRUCTURAL DRAWINGS
- 06 18" X 18" SERVICE SINK
- 07 SINK; SEE A1.21 FOR ELEVATION TAGS
- 08 REFER TO STRUCTURAL DRAWINGS FOR STRUCTURAL SUPPORT FOR AC UNITS AND ELECTRICAL TRANSFORMERS
- 09 1-HOUR FIRE RATED WALL BY LANDLORD
- 10 RECESSED VALVE BOX FOR ALARM KEYPAD
- 11 TOILET; SEE A5.00 FOR ENLARGED RESTROOM PLAN AND ELEVATIONS
- 12 MILLWORKER TO PROVIDE WOOD WALL PANELS
- 13 EXISTING COLUMN
- 14 MILLWORK SPREADER PLATE, SEE STRUCTURAL DRAWINGS
- 15 COLUMN ENCLOSURE BY GC
- 16 GC TO COORDINATE ALL SHEETROCK RECEIVING OPENINGS WITH MILLWORK SHOPS AND MILLWORKER
- 17 ALL BLOCKING LOCATION TO BE COORDINATED WITH THE TCO FURNITURE VENDOR PRIOR TO INSTALLATION OF BLOCKING AS FURNITURE ORDER IS STILL BEING DEVELOPED
- 18 WALL ENCLOSURE UNDER STAIR
- 19 SECURITY MESH
- 20 COORDINATE ALL NICHES WITH MILLWORK SHOP DRAWINGS

GENERAL NOTES

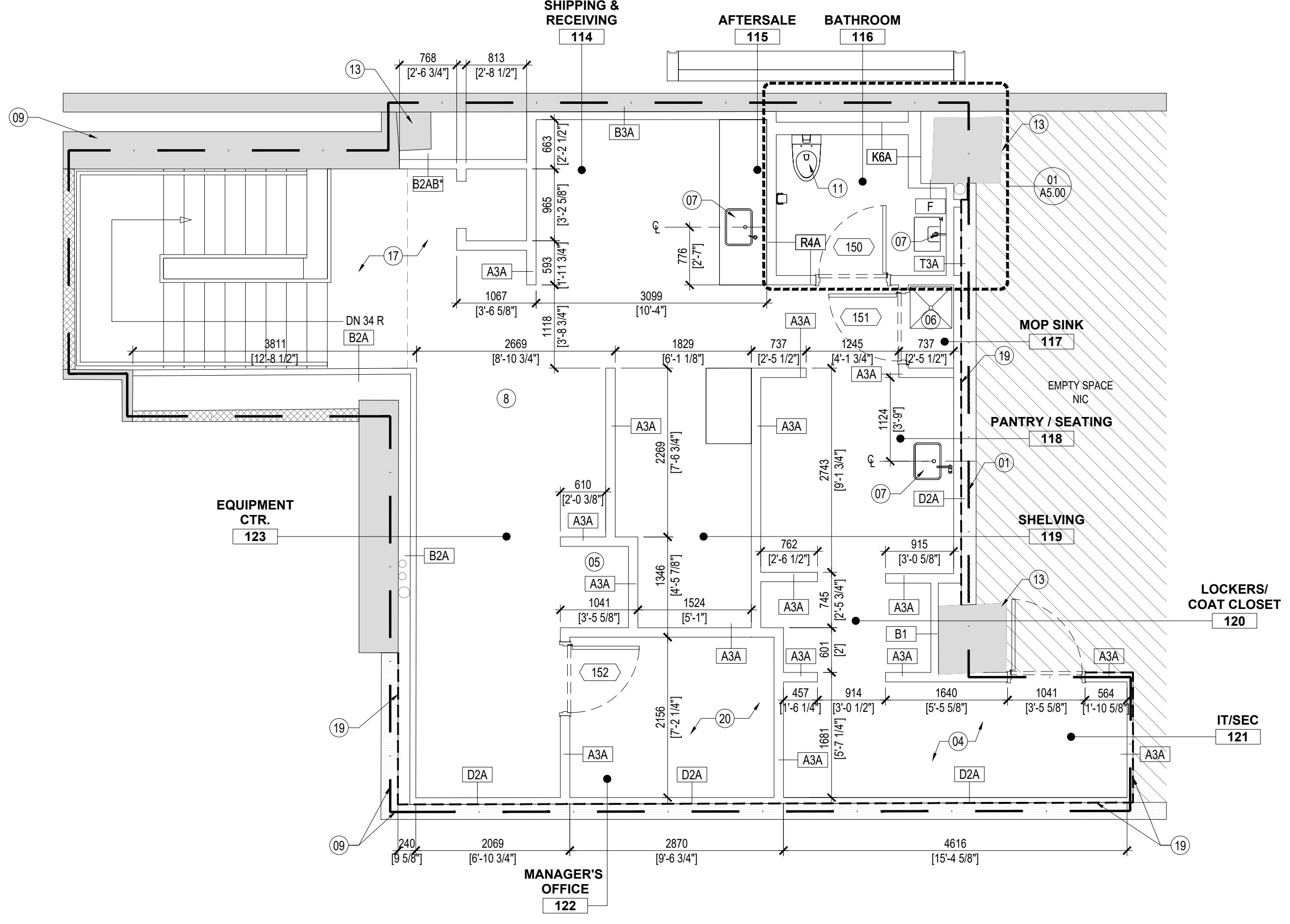
- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES
- B. REFER TO SHEET A0.01 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
- C. REFER TO A0.01 FOR ADDITIONAL GENERAL NOTES.
- D. ALL WALLS TO RECEIVE WALL-COVERING ARE TO BE MIN. LEVEL 4 FINISH. ALL OTHER FORH AND BOH WALLS TO BE LEVEL 5 FINISH, U.O.N.
- E. GC TO VERIFY THAT FIRE RATING OF EXISTING WALLS ARE MAINTAINED WHERE REQUIRED BY CODE. NOTIFY ARCHITECT OF DISCREPANCIES.
- F. GENERAL CONTRACTOR TO COORDINATE ALL ROUGH OPENING SIZES WITH MILLWORKER, STONE VENDOR AND STOREFRONT VENDOR'S APPROVED SHOP DRAWINGS AS REQUIRED.
- G. PROVIDE 152 MM (6") 16 GA. FLAT STRAPPING AND/OR BLOCKING BEHIND WALLS FOR ALL WALL AND CEILING MOUNTED ITEMS AS REQUIRED. COORDINATE WITH TCO'S VENDOR AND PROVIDE STRAPPING AND/OR BLOCKING AS REQUIRED FOR ALL TCO-PROVIDED ITEMS INCLUDING BUT NOT LIMITED TO:
 - 1. MILLWORK
 - 2. WALL PANELS
 - 3. SIGNAGE
 - 4. AV FRAMING AND EQUIPMENT
 - 5. WALL-MOUNTED FURNITURE
- H. REFER TO ELEVATIONS AND DRAWING A7.80 FOR IN-WALL STRAPPING FOR WALL PANELS
- I. NOT USED
- J. REFER TO PARTITION TYPES DRAWING A6.00 FOR WALL THICKNESSES.
- K. DIMENSIONS INDICATED ON THIS DRAWING ARE FROM FINISH TO FINISH. IT IS THE RESPONSIBILITY OF THE GC TO COORDINATE THICKNESS OF FINISH MATERIALS AND PANELING AND LOCATE THE GYP. WALLS.
- L. HINGE FACE OF ALL DOOR OPENINGS SHALL BE LOCATED 4" FROM FACE OF PERPENDICULAR WALL, U.O.N.
- M. NOT USED
- N. ALL PENETRATION GREATER THAN NINETY-SIX (96) SQUARE INCHES (IF THERE IS ANY), THRU FLOORS, WALLS AND/OR DUCTS (INCLUDING ALL NEW AND EXISTING) THRU WALLS RECEIVING METAL MESH SHALL RECEIVE BURGLAR BARS. REFER TO ENGINEERING DRAWINGS FOR BURGLAR BAR DETAILS. CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR APPROVAL PRIOR TO INSTALLATION.
- O. G.C. SHALL BE RESPONSIBLE TO PATCH AND REPAIR AREAS OUTSIDE TIFFANY & CO. LEASE AS NECESSARY TO ROUTE CONDUITS TO EXTERIOR LIGHTING FIXTURES, SIGNAGE, ATLAS ETC. G.C. TO COORDINATE WORK WITH LANDLORD AND TENANTS ABOVE AS NECESSARY.
- P. NOT USED
- Q. ALL METAL STUD WALLS TO BE BRACED ABOVE CEILING TO SHORTEN EFFECTIVE STUD HEIGHT & MINIMIZE DEFLECTION.

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
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REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	
TIFFANY&CO.	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
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LOCAL ARCHITECT:	
SHEET NAME:	
CONSTRUCTION PLAN	
SHEET NUMBER:	
A 1.11	



01 CONSTRUCTION PLAN
GROUND FLOOR
1:50



02 CONSTRUCTION PLAN
SECOND FLOOR
1:50

LEGEND

- LEASELINE
- COLUMN GRID
- AXIS LINE
- CONCRETE PARTITION TO REMAIN
- CMU PARTITION TO REMAIN
- GYPSUM BOARD PARTITION TO REMAIN
- NEW PARTITION
- 1 HOUR RATED PARTITION
- 2 HOUR RATED PARTITION
- ROOM NAME AND NUMBER TAG
- DOOR REFERENCE NUMBER (REFER TO DOOR SCHEDULE)
- WINDOW REFERENCE NUMBER (REFER TO WINDOW SCHEDULE)
- PARTITION TYPE REFERENCE (REFER TO PARTITION SCHEDULE)
- FIRE EXTINGUISHER
- FIRE ALARM PULL STATION
- CLEARANCE REQUIRED

SHEET NOTES

- 01 REFER TO A3.00 SERIES FOR ELEVATIONS OF MILLWORK PANELS (OPERABLE AND/OR FIXED) ON WALLS
- 02 NOT USED
- 03 LACQUER PORTAL / TRIM. REFER TO A3.00 SERIES FOR ELEVATIONS
- 04 FLUTED MIRROR GLASS COLUMN ENCLOSURE. REFER TO MILLWORK SHOP DRAWINGS.
- 05 BUILT IN PERIMETER MILLWORK. REFER TO A3.00 SERIES FOR ELEVATIONS AND SHOP DRAWINGS FOR MORE INFORMATION.
- 06 ADA COUNTER. REFER TO A0.30 FOR MORE INFORMATION

GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- B. REFER TO SHEET A0.01 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
- C. REFER TO A0.01 FOR ADDITIONAL GENERAL NOTES.
- D. REFER TO A5.00 FOR PLUMBING FIXTURE ELEVATIONS AND PLUMBING FIXTURE SCHEDULE ON SHEET A6.41 FOR PLUMBING FIXTURE SPECS.
- E. GENERAL CONTRACTOR AND MILLWORK CONTRACTORS TO COORDINATE ROUGH DRYWALL DIMENSIONS REQUIRED.
- F. GENERAL CONTRACTOR AND MILLWORK CONTRACTORS TO COORDINATE INSTALLATION.
- G. PROVIDE 152 MM (6") 16 GA. FLAT STRAPPING AND/OR BLOCKING BEHIND WALLS FOR ALL WALL AND CEILING MOUNTED ITEMS AS REQUIRED. COORDINATE WITH TCO'S VENDOR AND PROVIDE STRAPPING AND/OR BLOCKING AS REQUIRED FOR ALL TCO-PROVIDED ITEMS INCLUDING BUT NOT LIMITED TO:
1. MILLWORK
 2. WALL PANELS
 3. ARTWORK
 4. SIGNAGE
 5. AV FRAMING AND EQUIPMENT
 6. WALL-MOUNTED FURNITURE
- H. REFER TO MILLWORK SHOP DRAWINGS FOR WALL PANEL DETAIL.

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SANTO DOMINGO, DOMINICAN REPUBLIC

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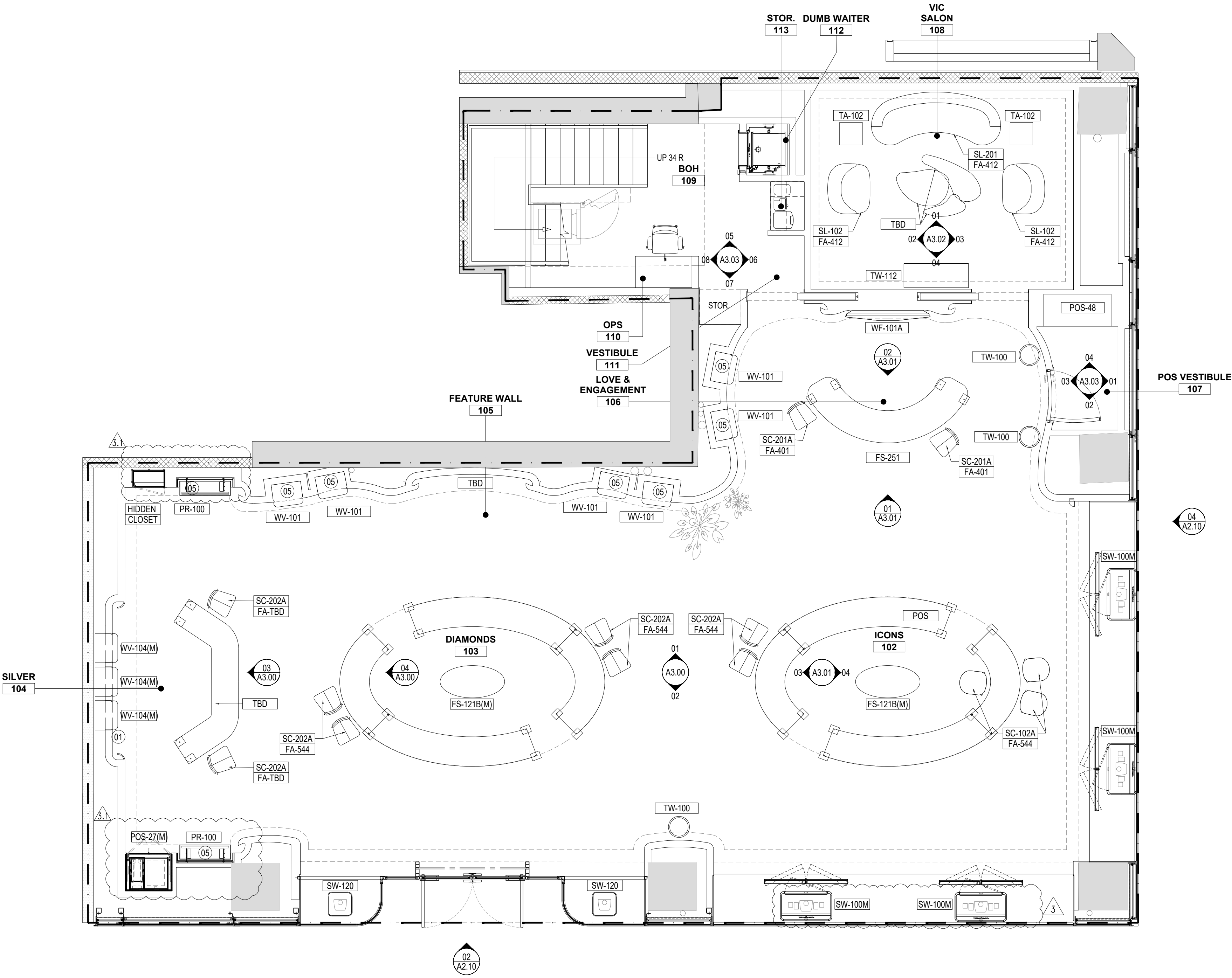
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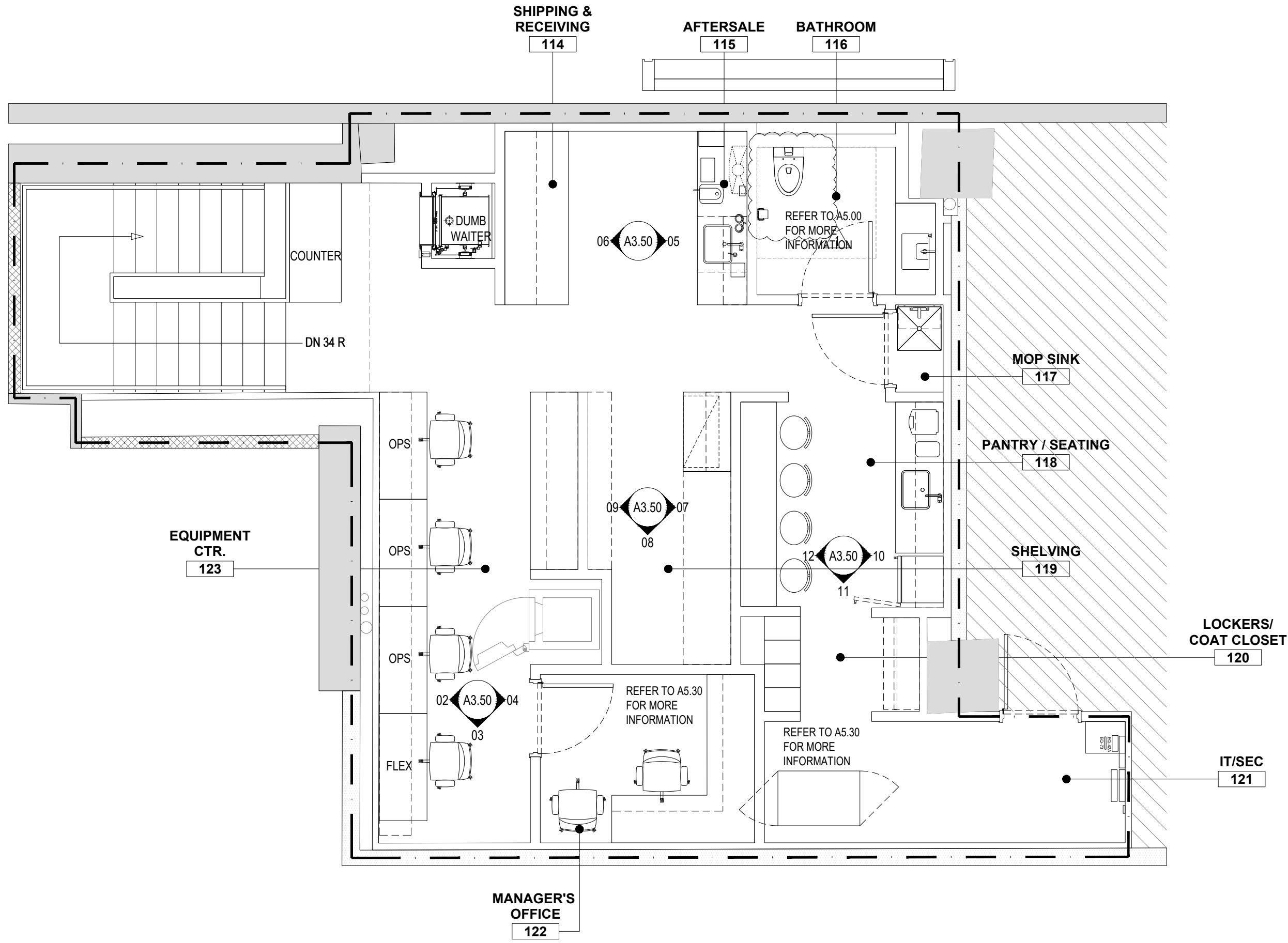
SHEET NAME: MILLWORK, FIXTURE AND FURNITURE PLAN	SHEET NUMBER: A 1.21
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LEGEND

- XX-XX FOM FURNITURE OR FIXTURE TYPE
- 0 0 A0.00 0 ELEVATION CALL OUT TAG
- SDD
DDD BOH MILLWORK CATALOG # / MODULE #



01 MILLWORK, FIXTURE AND FURNITURE PLAN
GROUND FLOOR
1:50



02 MILLWORK, FIXTURE AND FURNITURE PLAN
SECOND FLOOR
1:50

SHEET NOTES

- (01) PERIMETER COVE, REFER TO DETAILS AND HVAC DRAWING FOR LOCATIONS OF SUPPLY AND RETURN. REFER TO ELECTRICAL DRAWINGS AND LIGHTING SCHEDULE ON SHEET A6.41 FOR MORE INFORMATION.
- (02) CONTINUOUS LIGHT FIXTURE IN COVE. REFER TO DETAILS AND HVAC DRAWING FOR LOCATIONS OF SUPPLY AND RETURN. REFER TO ELECTRICAL DRAWINGS AND LIGHTING SCHEDULE ON SHEET A6.41 FOR MORE INFORMATION.
- (03) CONTINUOUS TAPE-IN LINEAR DIFFUSER 4" OFF WALLS U.O.N.
- (04) WALL MOUNTED SCONCE LIGHT. SEE LIGHTING SCHEDULE ON SHEET A6.41 FOR MORE INFORMATION.
- (05) EDGE OF DROP SOFFIT
- (06) DECORATIVE CHANDELIER. SEE ELECTRICAL DRAWINGS AND LIGHTING SCHEDULE FOR MORE INFORMATION.
- (07) LIGHT FIXTURE MOUNTED UNDER CABINETS. REFER TO LIGHTING SCHEDULE ON SHEET A6.41 FOR MORE INFORMATION.
- (08) FOR EMERGENCY LIGHTS, REFER TO MEP DRAWINGS
- (09) MECHOSHADE
- (10) SECURITY GRILLE
- (11) REFER TO ELECTRICAL DRAWINGS FOR SPECS OF EXIT LIGHTS
- (12) ACCESS PANEL
- (13) APPLY GRAPHICS AT ENTRY CEILING
- (14) HOLD UNTIL DESIGN AND LOCATION OF PRIVACY PARTITION IS FINALIZED
- (15) TCO TO PROVIDE CHANDELIER

GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- B. REFER TO SHEET A0.01 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
- C. REFER TO A0.01 FOR ADDITIONAL GENERAL NOTES.
- D. ARCHITECTURAL DRAWINGS ONLY INDICATE LOCATIONS OF ELECTRICAL, MECHANICAL, FIRE PROTECTION, AUDIO-VISUAL AND SECURITY DEVICES. REFER TO ENGINEERING DWGS FOR SPECIFICATIONS.
- E. DIMENSIONS ARE TO CENTERLINE OF FIXTURE/DEVICE. U.O.N.
- F. COORDINATE CEILING WORK W/ STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING, AUDIO-VISUAL, IT AND SECURITY WORK.
- G. ACOUSTIC CEILING GRID SHALL BE CENTERED ON ROOM. U.O.N. MAKE ADJUSTMENTS AS REQUIRED TO AVOID TILE WIDTHS OF 50 MM [2"] OR LESS ALONG PERIMETER OF ROOM.
- H. ALIGN CEILING EQUIPMENT WITH CEILING ARCHITECTURE. LOCATE SPRINKLER HEADS, SPEAKERS, LIGHT FIXTURES AND OTHER CEILING DEVICES AT THE CENTER OF ACOUSTICAL CEILING PANEL. U.O.N. LINEAR FIXTURES SUCH AS DIFFUSERS SHALL ALIGN WITH CEILING TILE JOINTS.
- I. ALL CEILING MOUNTED DEVICES AND EXPOSED CEILING EQUIPMENT SHALL MATCH CEILING COLOR. U.O.N.
- J. ALL GYPSUM BOARD CEILINGS TO BE LEVEL 5 FINISH AND PAINTED (FLAT FINISH), U.O.N.
- K. ALL ACOUSTIC CEILING TILE (ACT) TO BE 2743MM [9'-0"] A.F.F. AT BOH AREAS, U.O.N.

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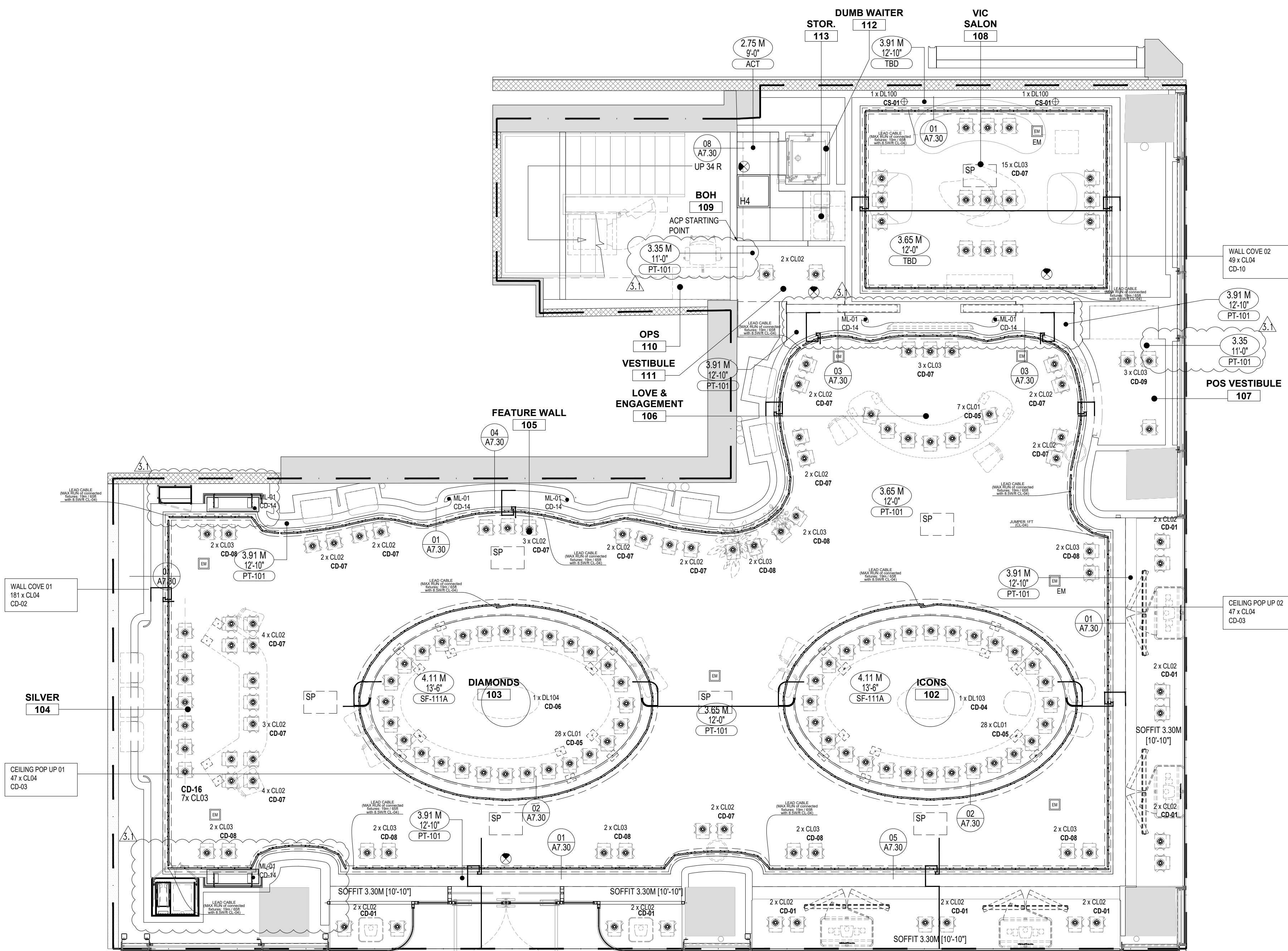
PROJECT: **WTC SANTO DOMINGO**
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

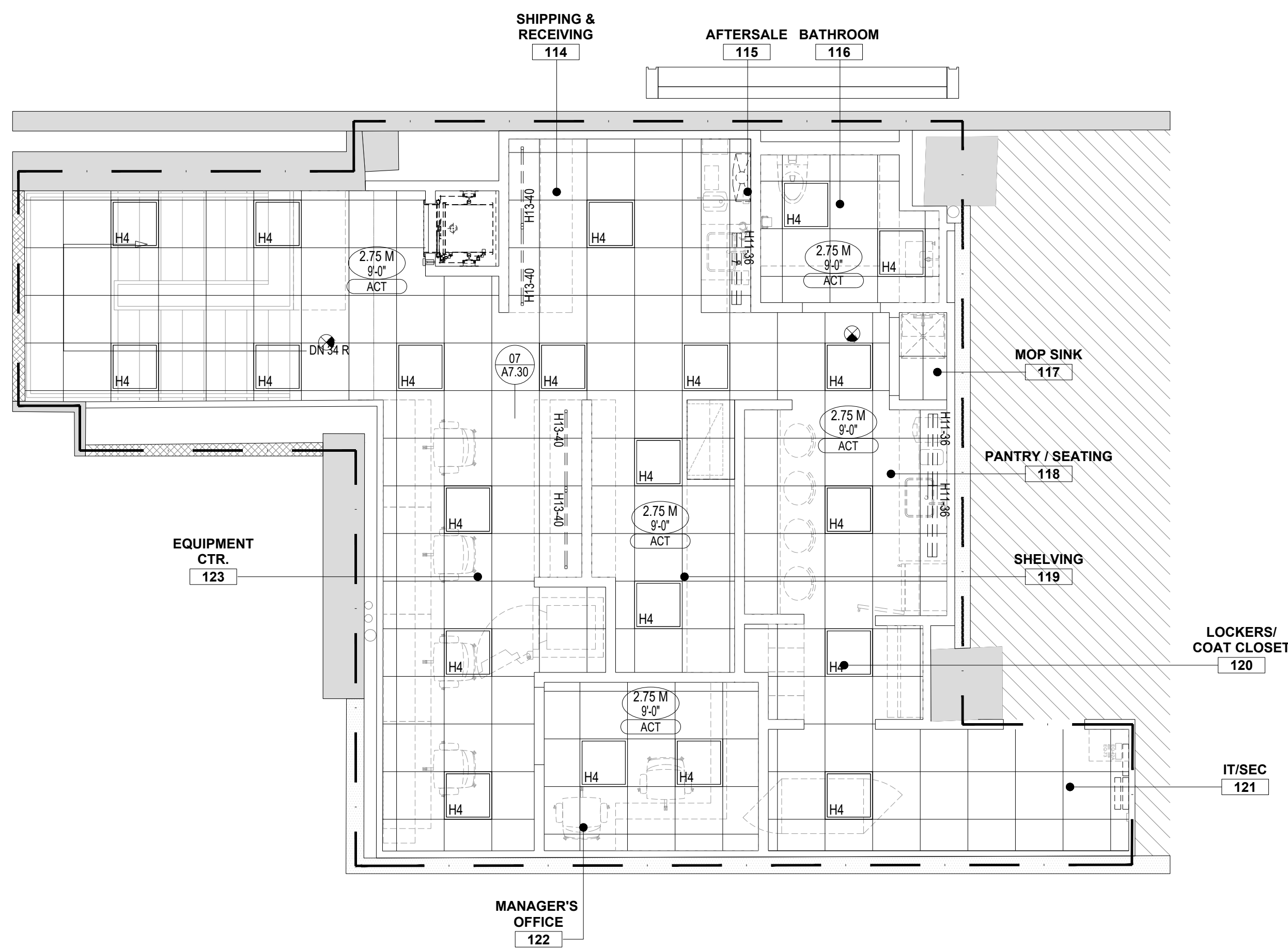
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SHEET NAME: REFLECTED CEILING PLAN
SHEET NUMBER: A 1.41



01 REFLECTED CEILING PLAN
GROUND FLOOR
1:50



02 REFLECTED CEILING PLAN
SECOND FLOOR
1:50

LEGEND

NOTE: REFER TO A0.02 FOR SECURITY GRAPHIC SYMBOLS, AND LIGHTING SCHEDULE FOR SPECIFICATIONS OF LIGHT FIXTURES.

- XXXX
X-X' FINISH CEILING HEIGHT
- XX-XX FINISH REFERENCE
(REFER TO FINISH SCHEDULE)
- ACOUSTIC CEILING AND GRID
- CEILING MOUNTED FIRE SPRINKLER
- TAPE-IN LINEAR DIFFUSER
(REFER TO MECHANICAL DRAWINGS)
- SUPPLY AIR DIFFUSER
(REFER TO MECHANICAL DRAWINGS)
- AIR RETURN
(REFER TO MECHANICAL DRAWINGS)
- ACCESS PANEL
SEE A10 SERIES FOR SPEC
- CEILING TILE TO BE USED FOR ACCESS NO
DEVICES ON THESE TILES
- CEILING MOUNTED EXIT SIGN
(WITH DIRECTION IF APPLICABLE)
- WALL MOUNTED EXIT SIGN
(WITH DIRECTION IF APPLICABLE)
- WALL SCONCE
(REFER TO A01.11 FOR FIXTURE TYPE)
- RECESSED DOWNLIGHT
- 50.8MM X 50.8MM [2" X 2"]
RECESSED LAY-IN LIGHT FIXTURE
- SWITCH
- SENSOR FOR MICROPHONE
- SPEAKER
- INVISIBLE SPEAKER
- CEILING MOUNTED SMOKE DETECTOR
- CEILING MOUNTED STROBE LIGHT
- CEILING MOUNTED AUDIBLE STROBE LIGHT
- CONCEALED EMERGENCY LIGHT FIXTURE
- EWIS SPEAKER
- LOUD SPEAKER

SHEET NOTES

- 01 EXISTING MALL TILE
- 02 12.7MM [1/2"] SCHLUTER TRANSITION
- 03 FLOOR FINISH PATTERN START POINT
- 04 PROVIDE DOUBLE STICK UNDER AREA RUG AT OPENINGS INTO CASELINE
- 05 G.C. TO USE SELF LEVELING COMPOUND ARDEX OR APPROVED EQUAL TO BUILD UP BACK OF HOUSE FLOOR LEVEL & BRING IN ALIGNMENT WITH FRONT OF HOUSE FINISHES
- 06 PEMKO 2005AV-36" ALUMINUM THRESHOLD WITH VINYL SEALS
- 07 LIMESTONE SADDLE

GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES
- B. REFER TO SHEET A0.01 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
- C. REFER TO A0.01 FOR ADDITIONAL GENERAL NOTES
- D. REFER TO SHEET A7.40 FOR FLOOR TRANSITION DETAILS
- E. G.C. SHALL BE RESPONSIBLE FOR LEVELING FLOORING AS NEEDED SO AS TO ENSURE TCO FLOOR IS CO-PLANAR WITH MALL FLOORING AT ENTRY POINT AND CARRY SAME ELEVATION THROUGHOUT.

LEGEND

-  FINISH REFERENCE (REFER TO FINISH SCHEDULE)
-  TILE / PLANK START POINT
-  DENOTES FURNITURE

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SANTO DOMINGO, DOMINICAN REPUBLIC

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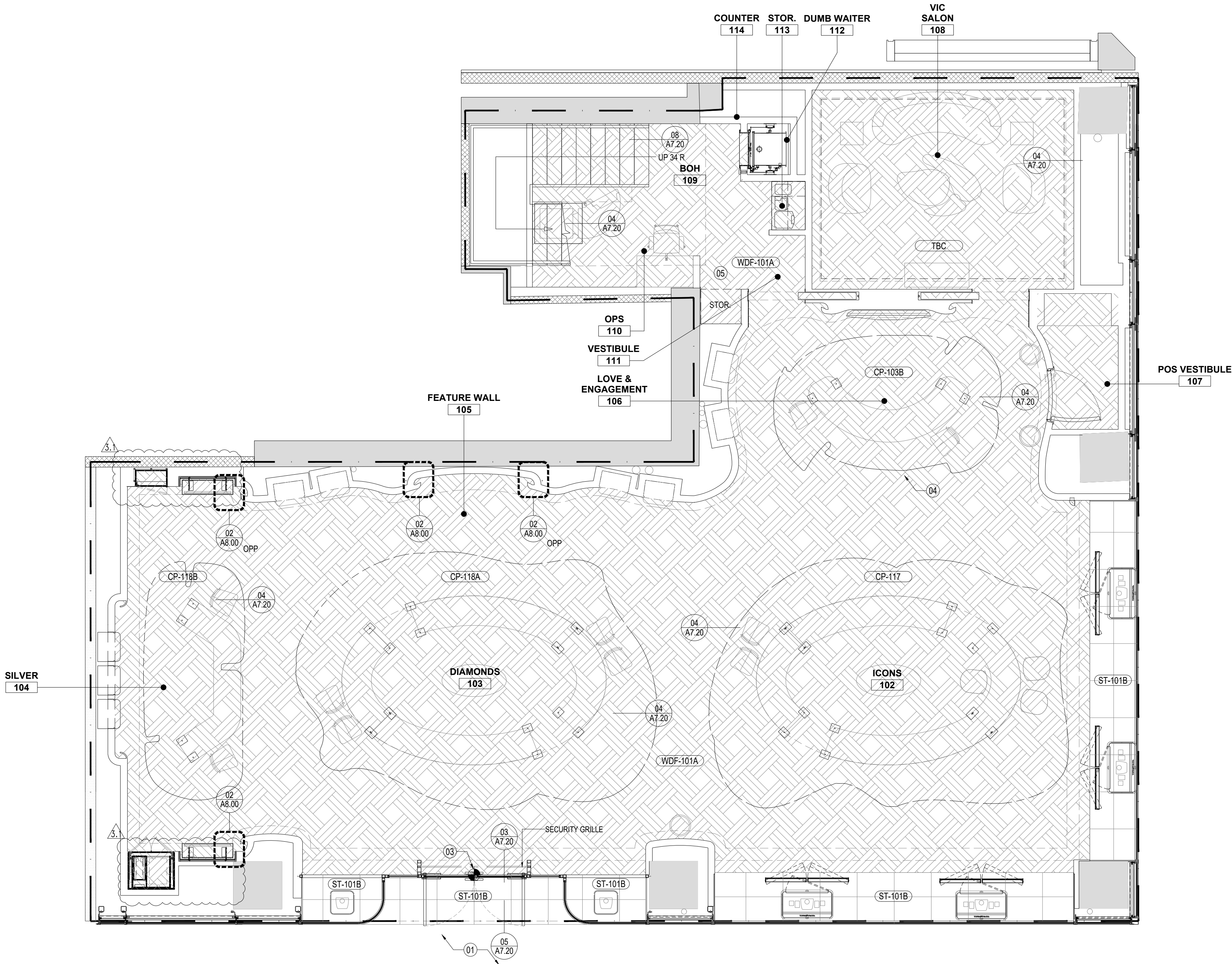
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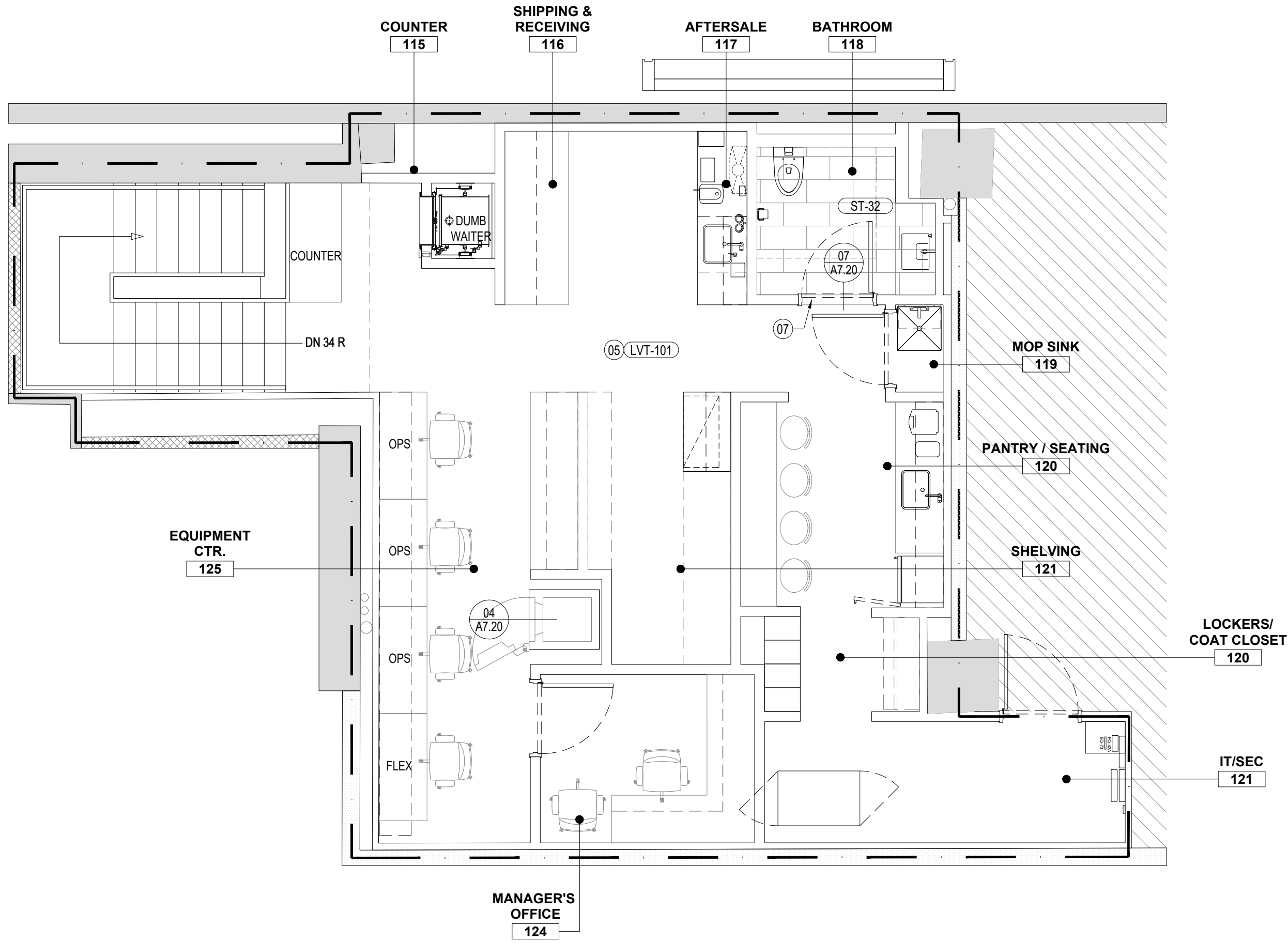
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SHEET NAME: SHEET NUMBER:

FINISH PLAN A 1.61



01 FINISH PLAN
GROUND FLOOR
1:50



02 FINISH PLAN
SECOND FLOOR
1:50

(01) GC TO WAIT FOR FINAL LOCATION BEFORE ROUGHING IN FOR POWER AND CABBING

(02) ALL OUTLETS TO FRONT OF HOUSE MILLWORK MUST BE LOCATED OFF THE MILLWORK SHOP DRAWINGS AS SHOWCASES ARE BEING DESIGNED DURING THE CD PHASE



A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.

B. REFER TO SHEET A0.01 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.

C. REFER TO A0.01 FOR ADDITIONAL GENERAL NOTES.

D. UNLESS OTHERWISE NOTED, ALL ELECTRICAL TELEPHONE AND DATA RECEPTACLES SHALL BE MOUNTED AT 38"MM (15") ABOVE FINISH FLOOR.

E. NUMBERS NEXT TO WALL MOUNTED DEVICES INDICATE HEIGHT ABOVE FINISH FLOOR.

F. ELECTRICAL CONTRACTOR SHALL COORDINATE ANY ELECTRICAL INSTALLATION INTO A HIGH CAPACITY 20 AMPERE 120/240VAC MILLIVOLTS.

G. CUT AND PATCH EXISTING CONCRETE FLOORS ARE REQUIRED FOR INSTALLATION OF FLOOR BOXES.

H. REFER TO ME DRAWINGS FOR ADDITIONAL INFORMATION.

G.C. SHALL PROVIDE (2) EMPTY CONDUIT TO RUN UP FROM UPS IN THE IT & SECURITY ROOM TO THE 2ND FLOOR FOR THE STORAGE OF STORE FOR CELLULAR EQUIPMENTS (1) FOR ELECTRICAL AND (1) FOR LOW VOLTAGE. COORDINATE WITH T&CO. SECURITY FOR DESIGNATED LOCATION.

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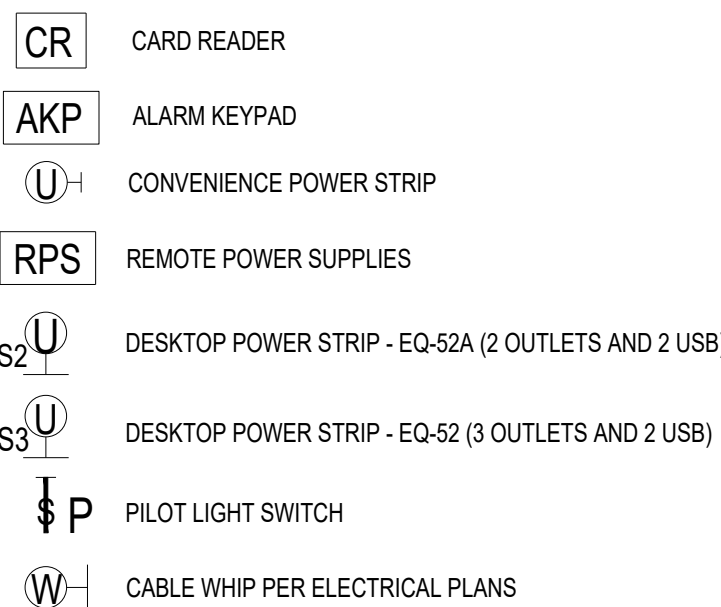
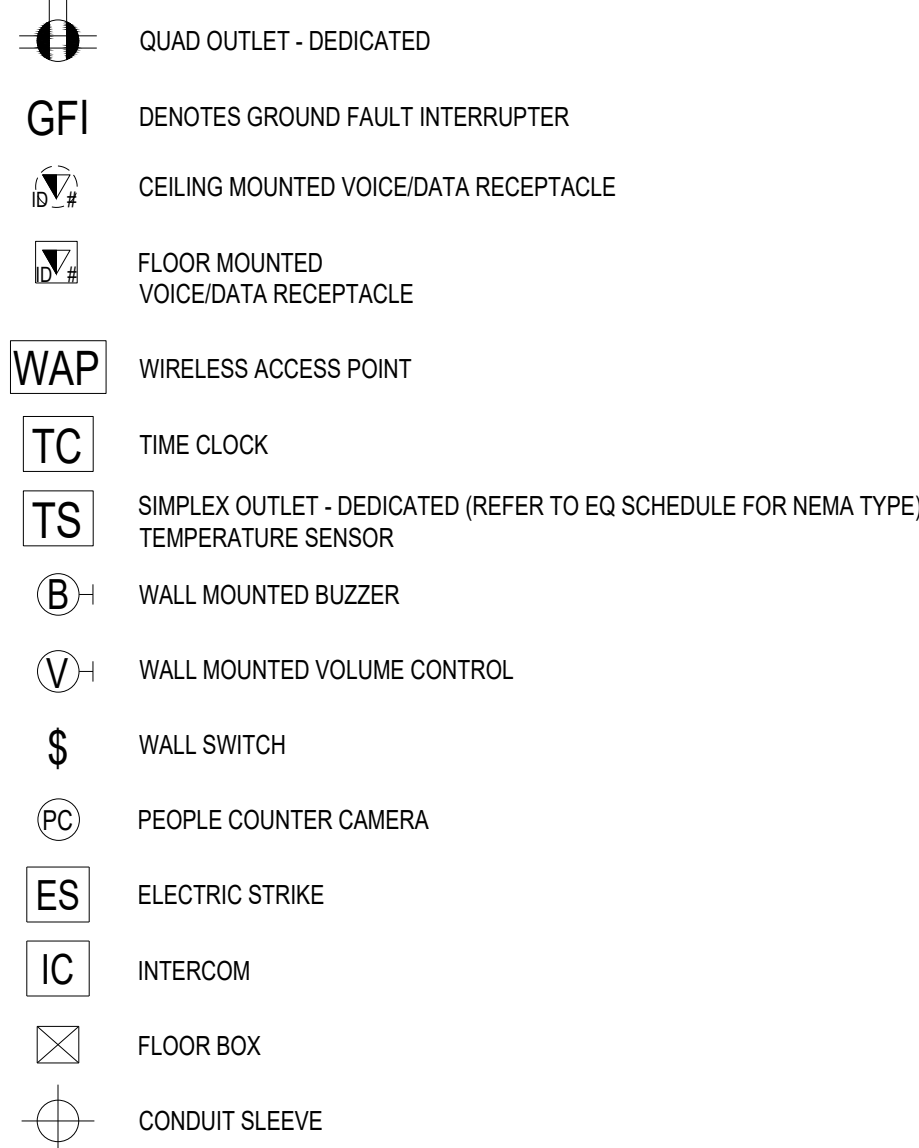
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LOCAL ARCHITECT:

SHEET NAME: POWER AND COMMUNICATION PLAN	SHEET NUMBER: A 1.71
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	FLOOR MOUNTED JUNCTION BOX
	CEILING MOUNTED JUNCTION BOX
	WALL MOUNTED JUNCTION BOX
	MULTI-CIRCUIT FURNITURE FEED POWER CONNECTION
	SIMPLEX OUTLET - DEDICATED (REFER TO EQ SCHEDULE FOR NEMA TYPE)
	WALL MOUNTED DUPLEX POWER RECEPTACLE
	DUPLEX OUTLET - SWITCHED (CONTROLLED)
	DUPLEX USB OUTLET - SWITCHED (CONTROLLED)
	DUPLEX GFCI OUTLET - UNSWITCHED
	DUPLEX OUTLET - DEDICATED
	MILLWORK INTEGRATED POWER
	FLOOR MOUNTED DUPLEX POWER RECEPTACLE
	WALL MOUNTED QUADRAPLEX POWER RECEPTACLE
	QUAD OUTLET - SWITCHED (CONTROLLED)



SHEET NOTES

- 01
- DOOR CONTACT, VIBRATION DETECTOR AND HEAT DETECTOR AT SAFE. SAFE SENSORS TO BE MOUNTED ON TOP AND ONE SIDE OF SAFE BY TCO SECURITY VENDOR.
- 02
- ALARM KEY PAD AND HOLD UP FOR SAFE. COORDINATE WITH TCO SECURITY.
- 03
- SECURITY ALARM KEY PAD AND MASTER LIGHTING CONTROL. SWITCH, SURFACE MOUNT WITHIN VALVE BOX. COORDINATE LOCATIONS WITHIN VALVE BOX WITH ELECTRICAL CONTRACTOR AND SECURITY VENDOR

GENERAL NOTES

- A.
- REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- B.
- REFER TO SHEET A0.01 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
- C.
- REFER TO A0.01 FOR ADDITIONAL GENERAL NOTES.
- D.
- ALL SECURITY INFORMATION SHOWN ON THIS DRAWING IS FOR INFORMATION ONLY. ALL WORK TO BE COORDINATED WITH TIFFANY & CO. I.T. & SECURITY VENDOR.
- E.
- ALL CEILING SECURITY DEVICES SHALL BE SURFACE MOUNTED UNLESS OTHERWISE NOTED.
- F.
- ALL WIRING FOR SECURITY DEVICES SHALL BE EACH INDIVIDUALLY HOME RUN BACK TO SECURITY RACK. G.C. MUST COORDINATE WITH T&CO. DESIGNATED VENDOR AS REQ.

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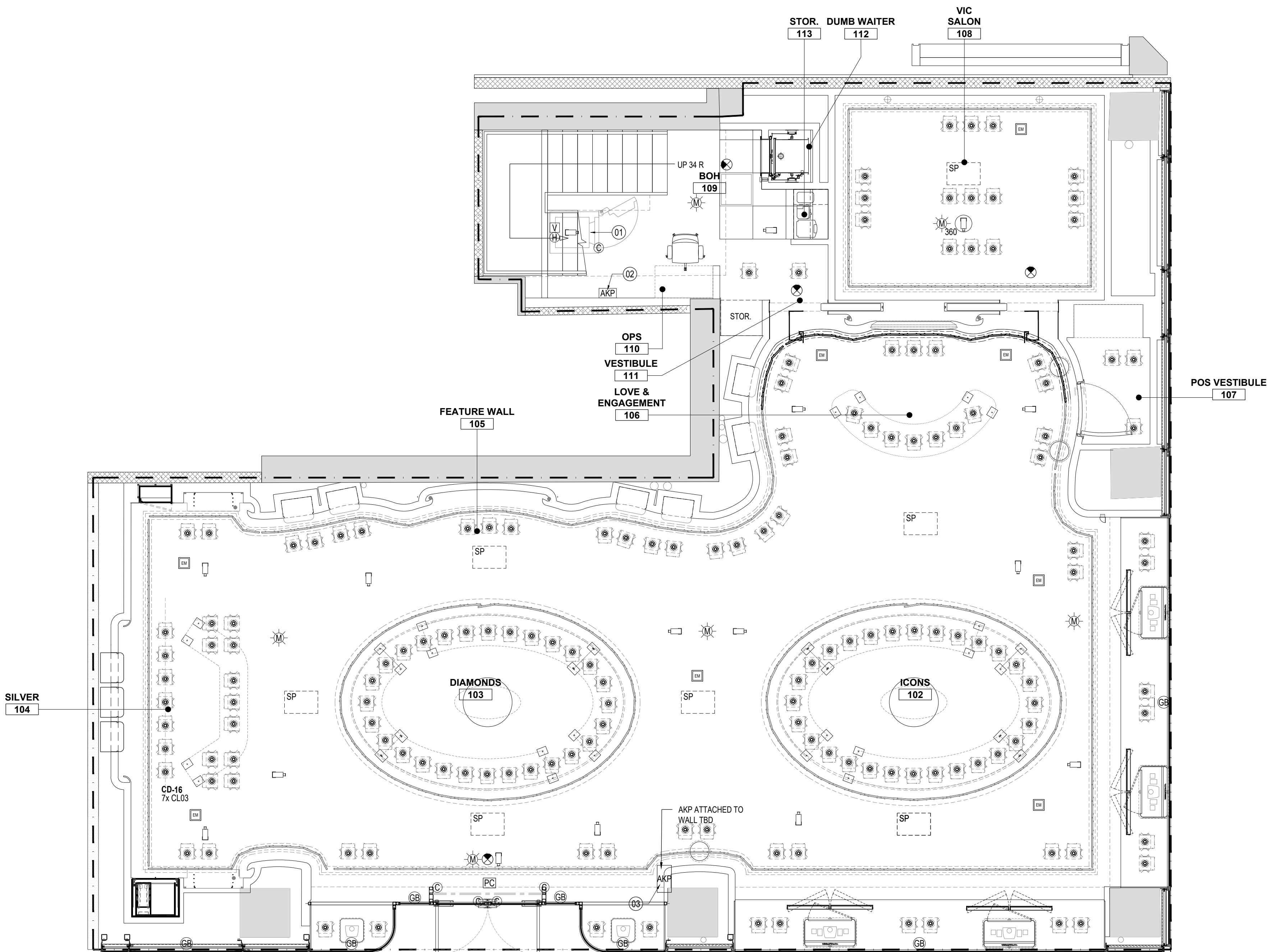
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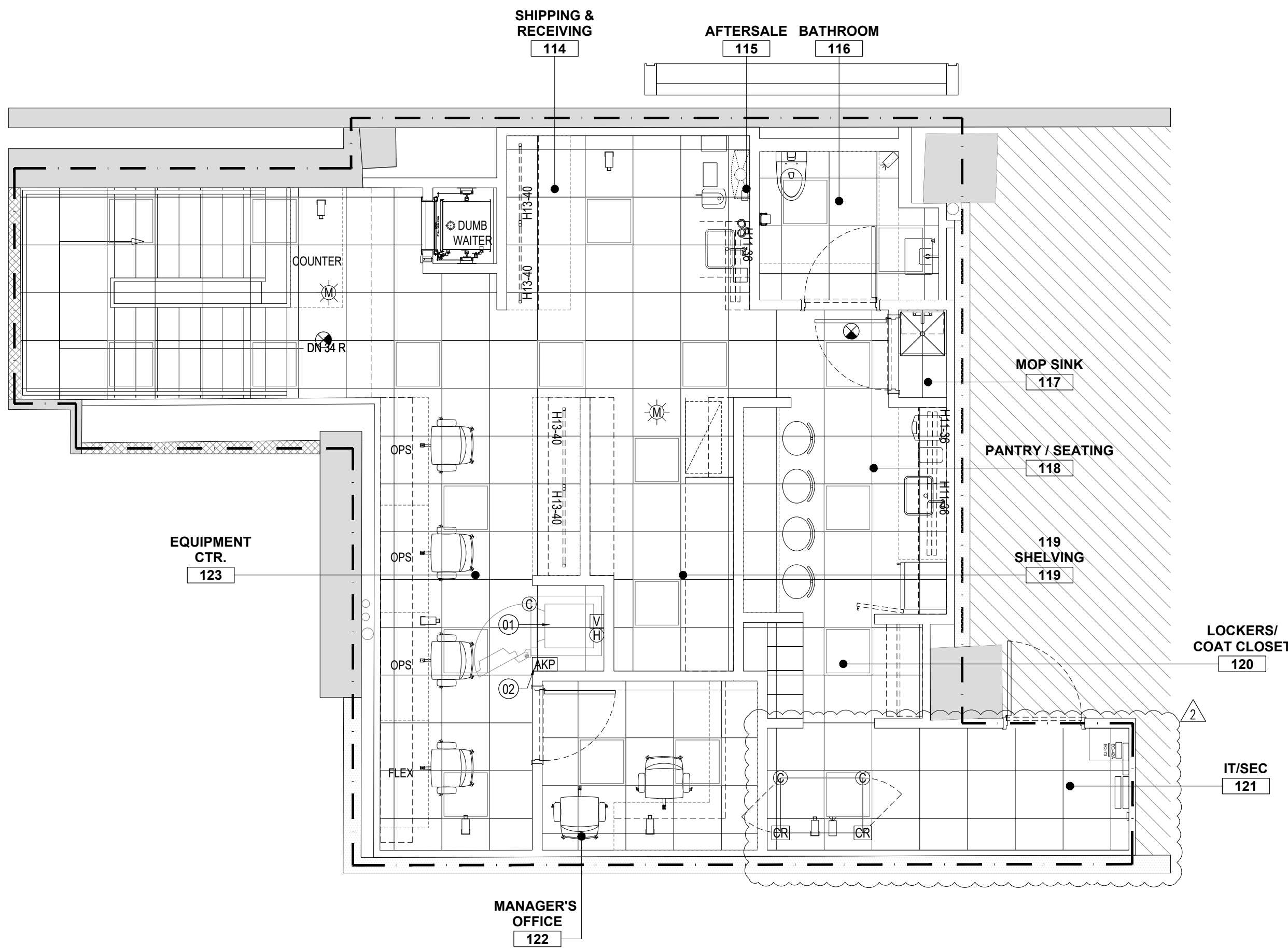
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LOCAL ARCHITECT:

SHEET NAME: SECURITY DEVICE PLAN	SHEET NUMBER: A 1.81
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01
SECURITY DEVICE PLAN
GROUND FLOOR
1:50



02
SECURITY DEVICE PLAN
SECOND FLOOR
1:50

LEGEND

- MINIDOME FIXED CAMERA
- P172 CAMERA
- FIXED CAMERA
- WALL MOUNTED MOTION DETECTOR
- CEILING-MOUNTED MOTION DETECTOR
- GLASS BREAK
- CARD READER
- CCTV MONITOR
- HOLD UP
- VIBRATION DETECTOR
- ALARM KEYPAD
- HEAT DETECTOR
- DOOR CONTACT
- COUNTING DEVICE
- SPEAKER

SHEET NOTES

GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- B. REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
- C. REFER TO A0.01 FOR GENERAL NOTES.
- D. REFER TO A0.30 FOR ADDITIONAL INFORMATION ON SIGNAGE.
- E. ALL FACADE ELEMENTS TO BE POSITIONED AND SIZED ACCORDING TO THE TYPICAL FLUTE DIMENSION OR AS A MULTIPLE OF THE TYPICAL FLUTE DIMENSION. FACADE ELEMENTS ARE TO BE SET OUT FROM THE START POINT OF THE PROJECT.
- F. ALL STONE PANELS AND SEAMING/JOINT LOCATIONS ARE TO BE DETERMINED BY STANDARD STONE PANEL SIZES. DIMENSIONS ARE NOT TO EXCEED STANDARD PANEL SIZES.
- G. STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
- H. EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCUT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
- I. EXISTING MALL CEILING OR BULKHEAD: CUT AND PATCH AS REQUIRED BY NEW CONSTRUCTION. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING.
- J. FRAMING AND STRUCTURAL SUPPORTS FOR STOREFRONT. ARCHITECT AND STRUCTURAL ENGINEER OF RECORD TO DETERMINE FRAMING AND MISC. STEEL SUPPORTS FOR STOREFRONT TO SUIT ACTUAL PROJECT CONDITIONS AND LOCAL CODE REQUIREMENTS ALL FRAMING AND SUPPORTS TO BE SHOWN ON ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.

LEGEND

HATCH DENOTES NOT IN SCOPE

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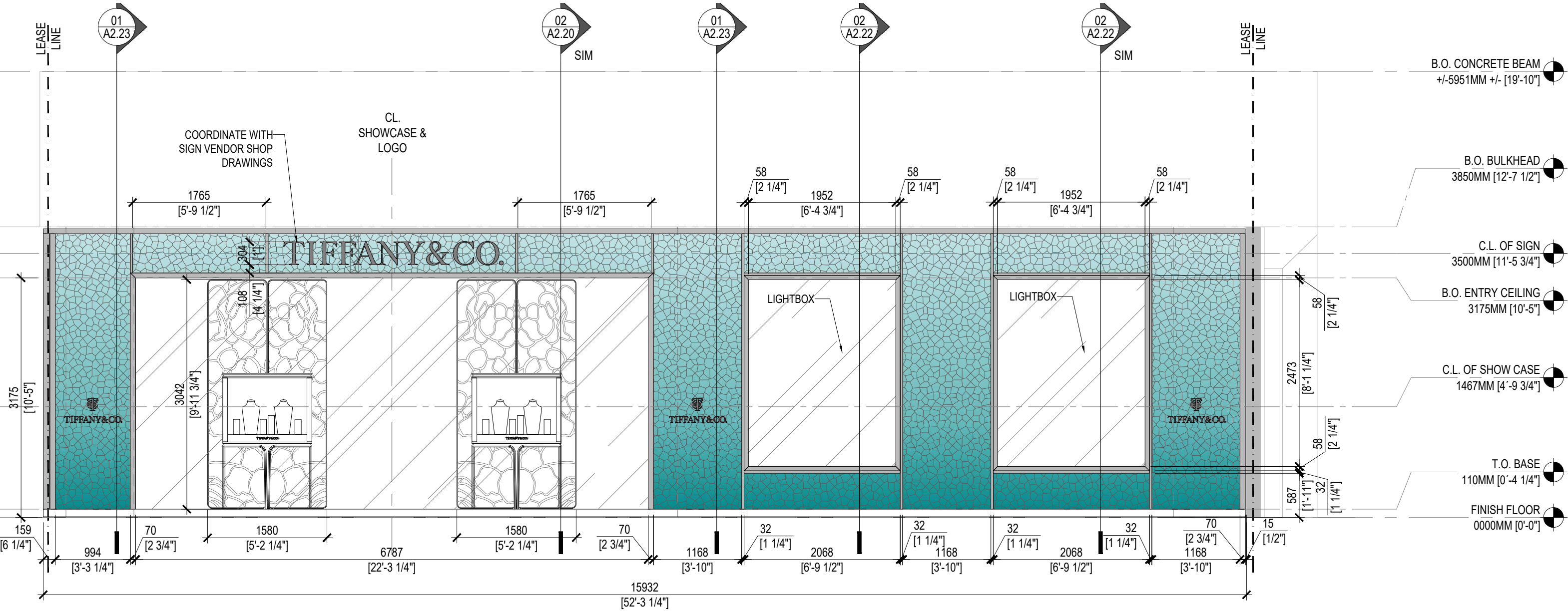
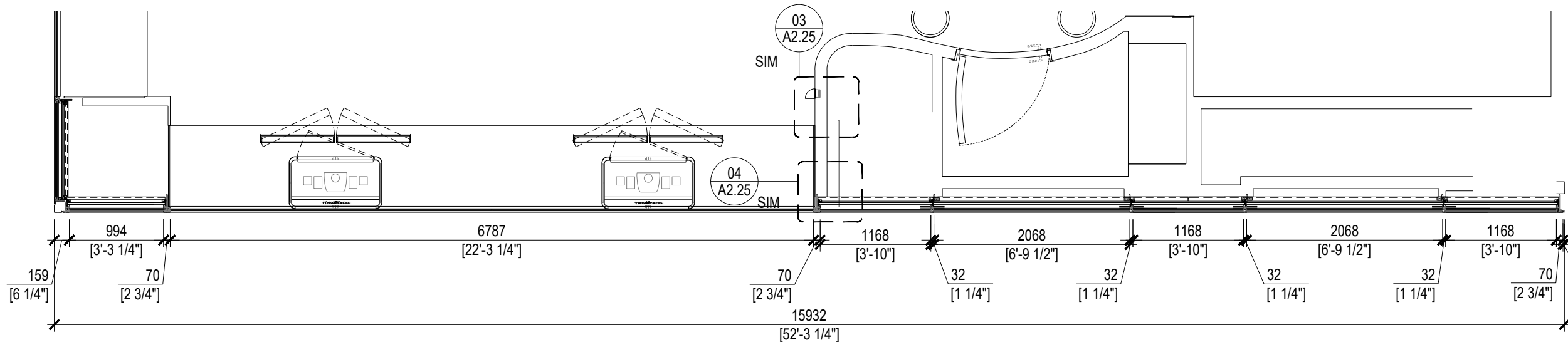
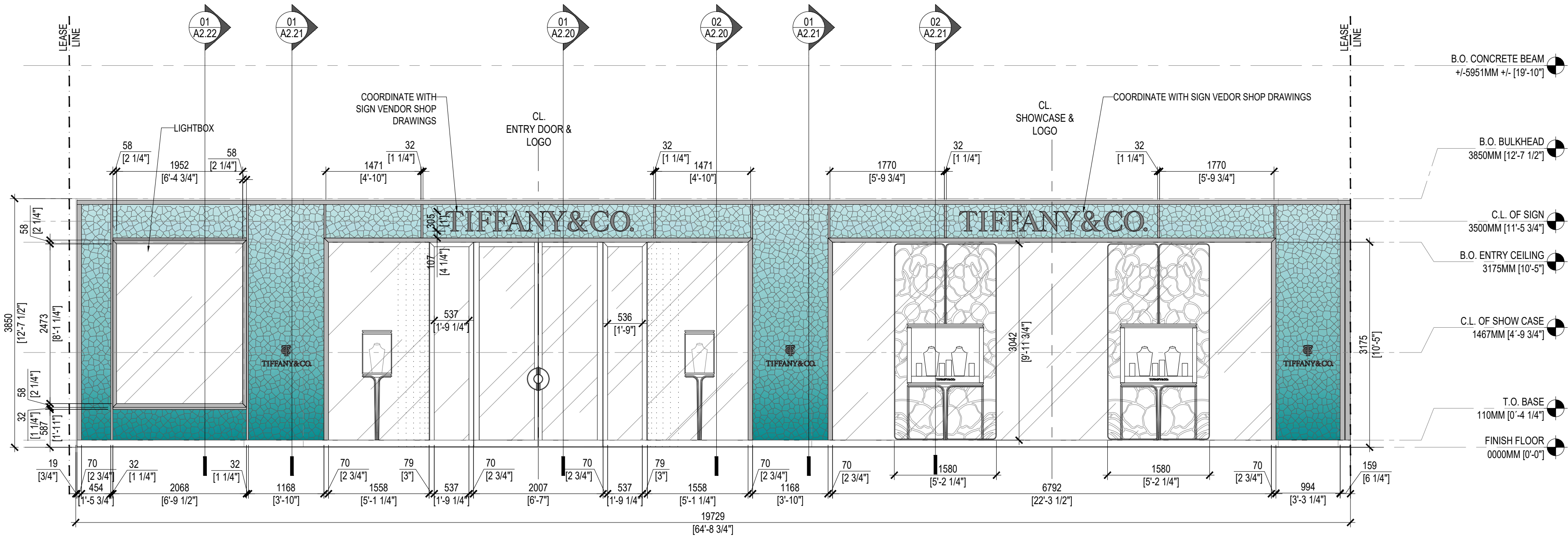
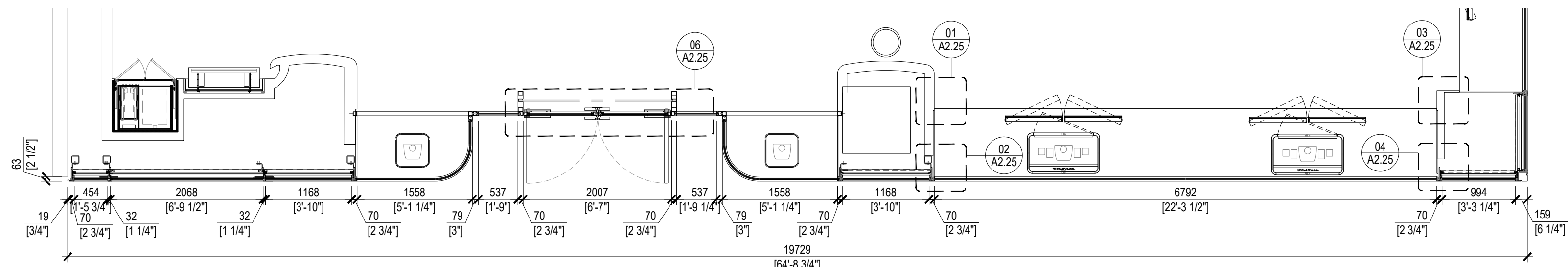
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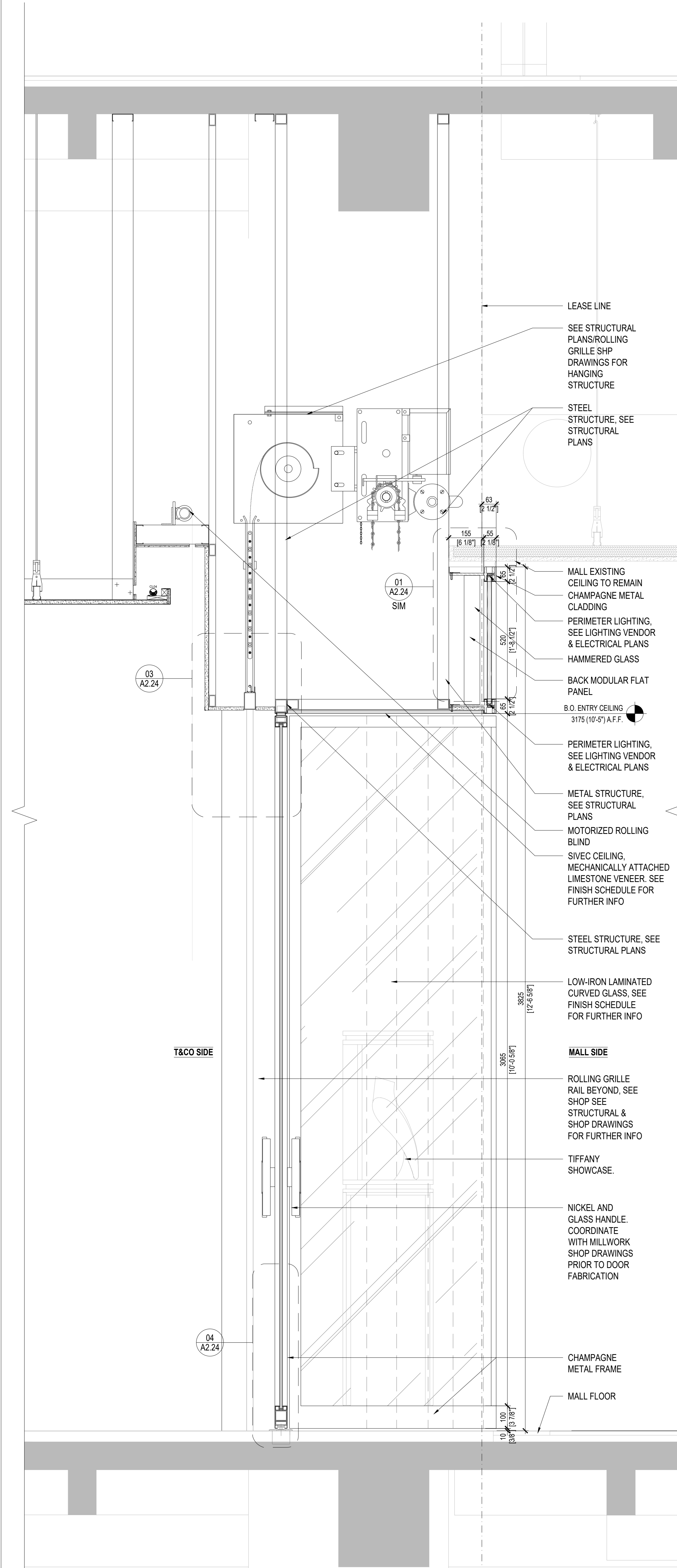
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LOCAL ARCHITECT:

SHEET NAME:
EXTERIOR STOREFRONT
ELEVATIONS

SHEET NUMBER:
A 2.10

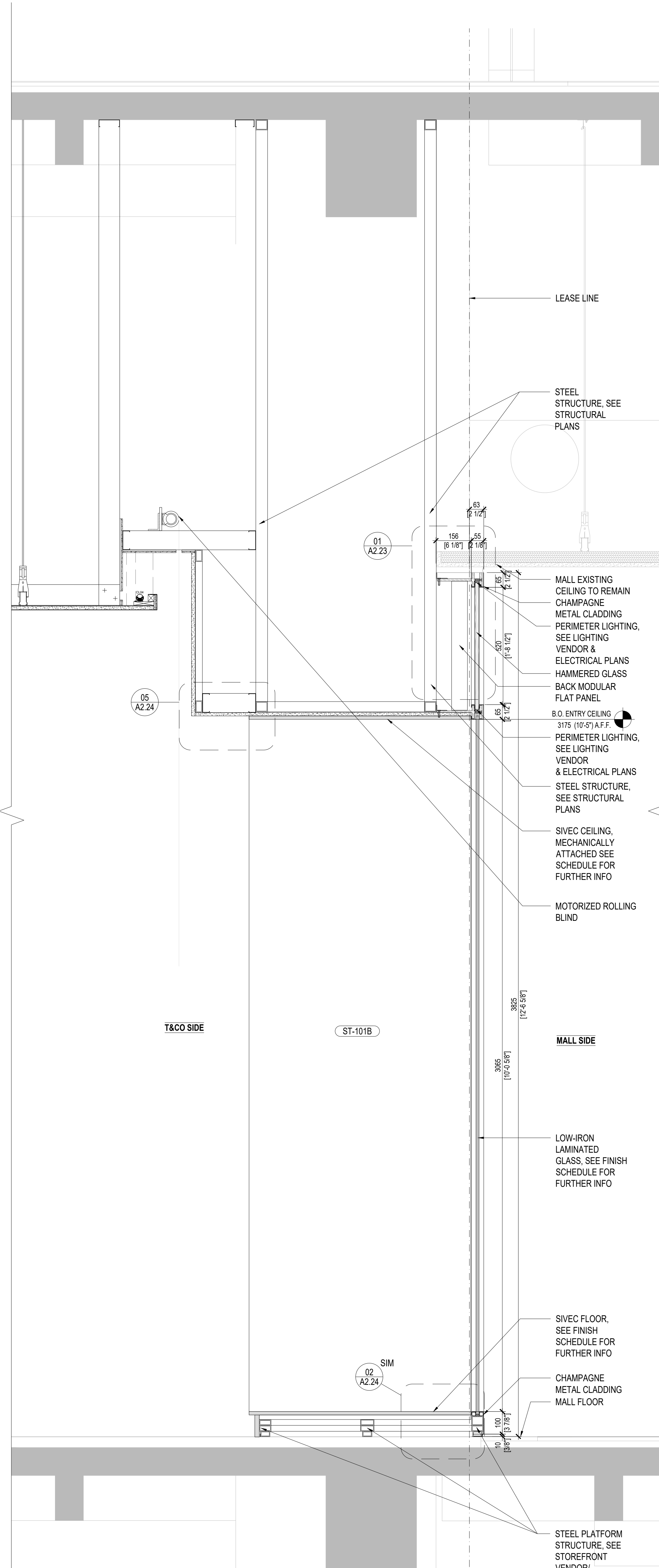




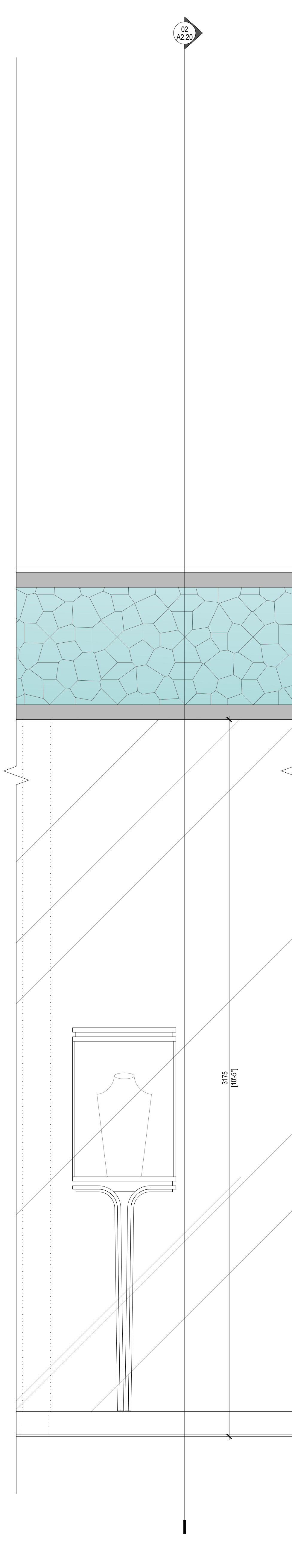
01 SECTION AT ENTRY DOOR
1:10



1A EXTERIOR ELEVATION
REFERENCE
1:10



02 SECTION AT SHOWCASE
1:10



2A EXTERIOR ELEVATION
REFERENCE
1:10

GENERAL NOTES

- REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES
- REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS
- REFER TO A0.01 FOR GENERAL NOTES
- REFER TO A8.35 FOR ADDITIONAL INFORMATION ON SIGNAGE
- STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR
- EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE, EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCU TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
- EXISTING MALL CEILING OR BULKHEAD: CUT AND PATCH AS REQUIRED BY NEW CONSTRUCTION. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING.

LEGEND

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ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

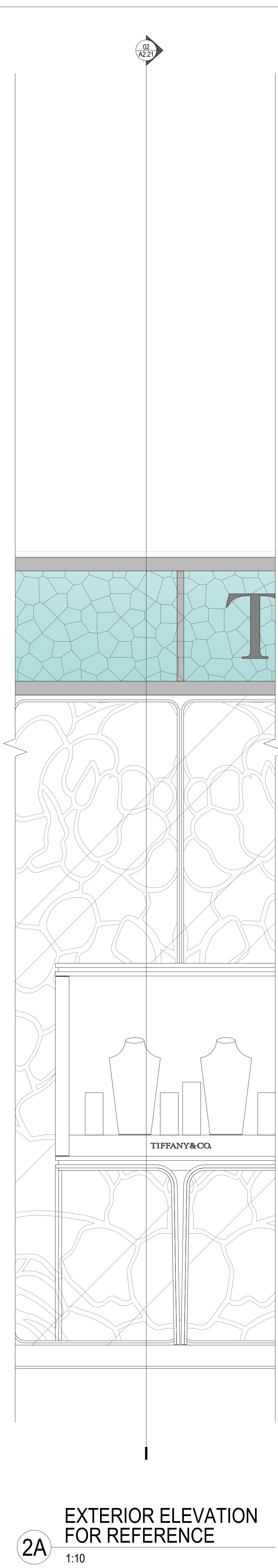
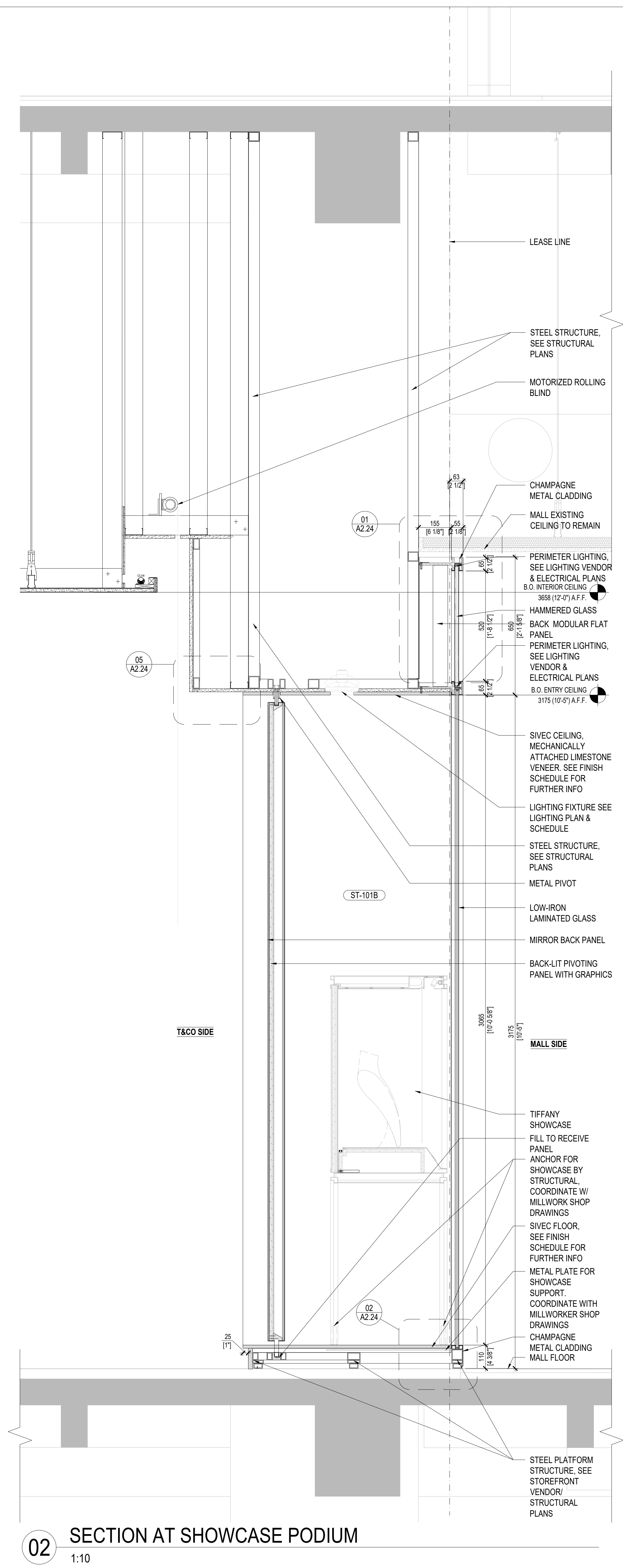
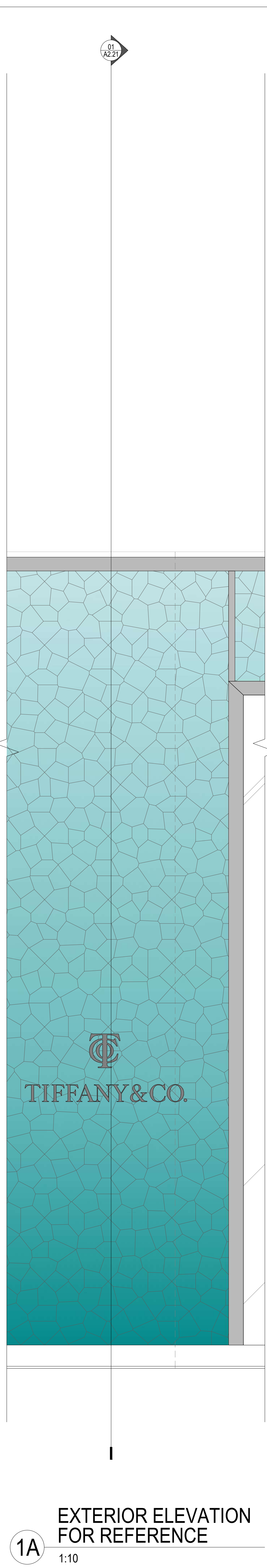
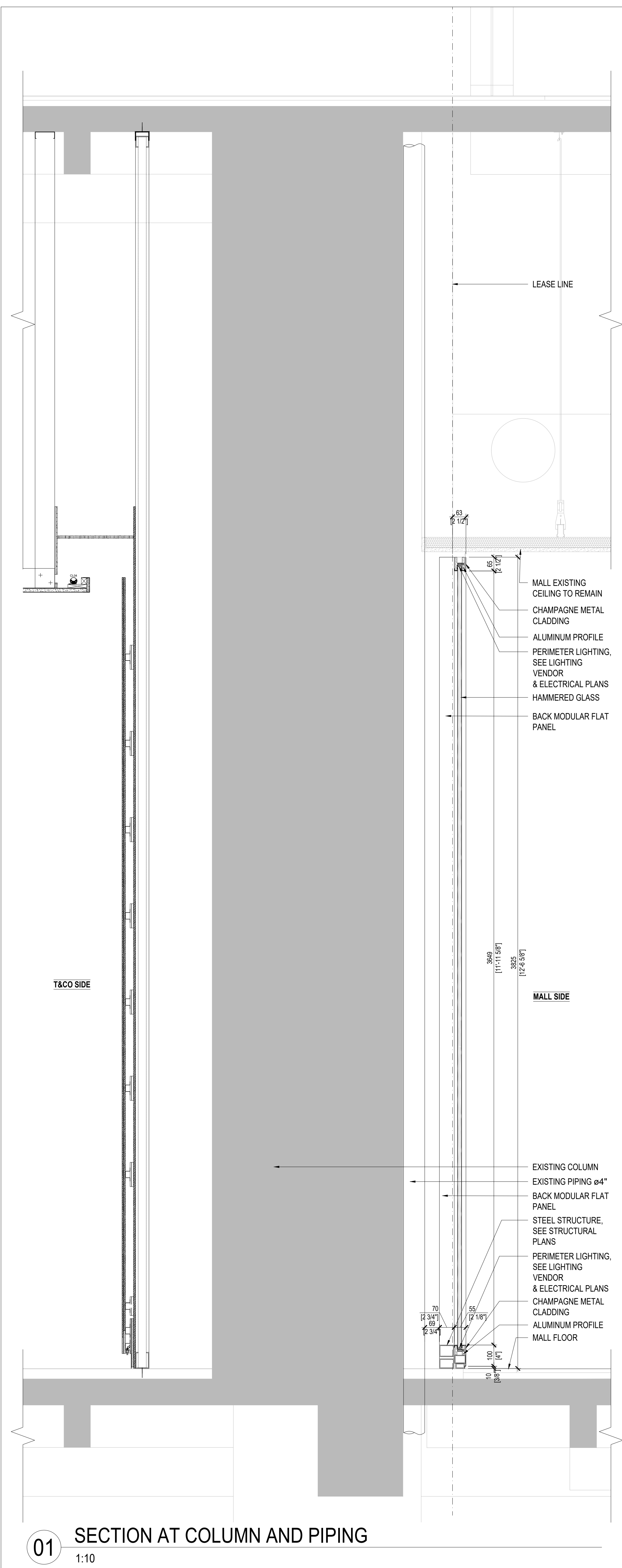
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CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:
EXTERIOR FACADE
SECTIONS

SHEET NUMBER:
A 2.20



GENERAL NOTES

A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES

B. REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS

C. REFER TO A0.01 FOR GENERAL NOTES

D. REFER TO A8.50 FOR ADDITIONAL INFORMATION ON SIGNAGE

E. STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR

F. EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCUT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.

G. EXISTING MALL CEILING OR BULKHEAD: CUT AND PATCH AS REQUIRED BY NEW CONSTRUCTION. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING.

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:

WTC SANTO DOMINGO

AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon

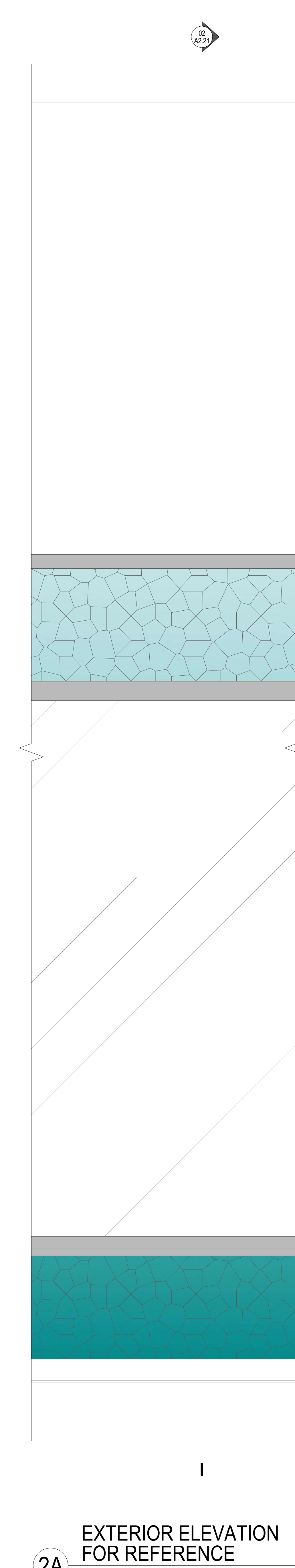
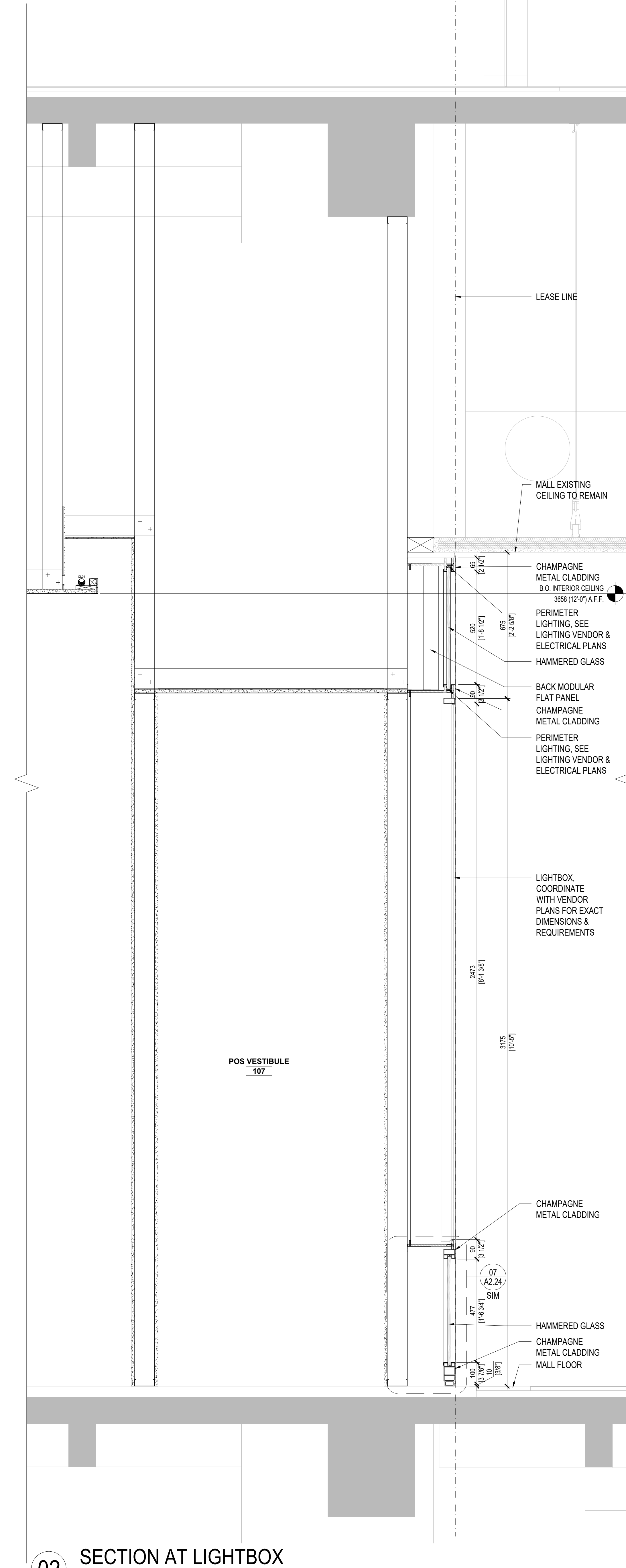
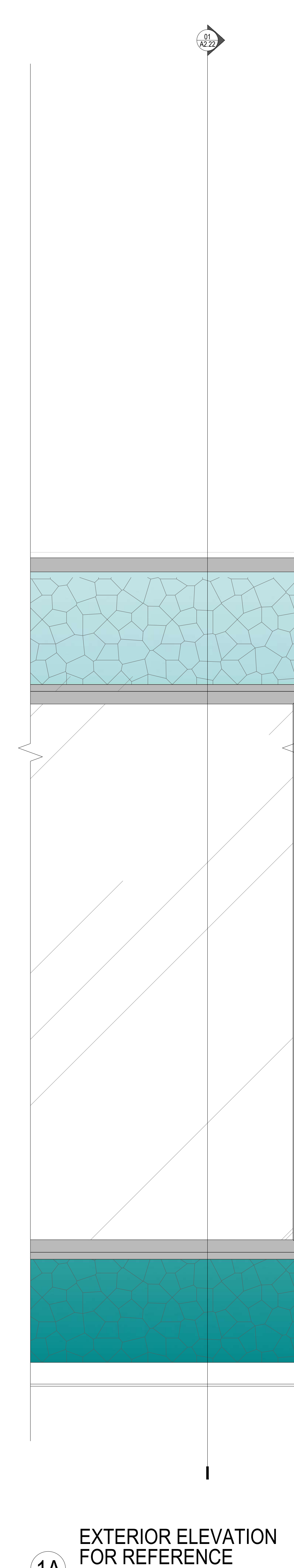
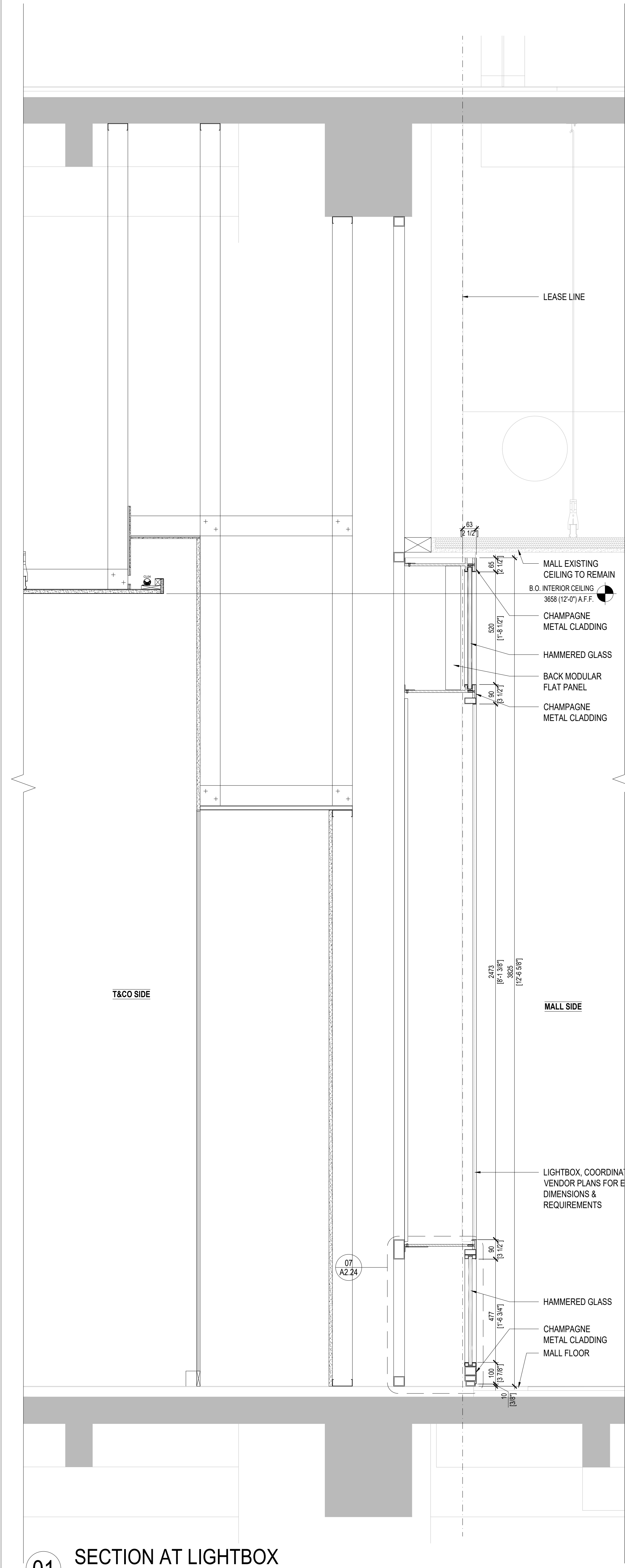
CONSTRUCTION & CONSULTING

DRAW BY: EDICON
LOCAL ARCHITECT:

CHECKED BY: xx

SHEET NAME:
EXTERIOR FACADE
SECTIONS

SHEET NUMBER:
A 2.21



GENERAL NOTES

- REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
- REFER TO A0.01 FOR GENERAL NOTES.
- REFER TO A8.50 FOR ADDITIONAL INFORMATION ON SIGNAGE.
- STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
- EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UN CUT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
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ISSUE	DATE
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REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:
WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

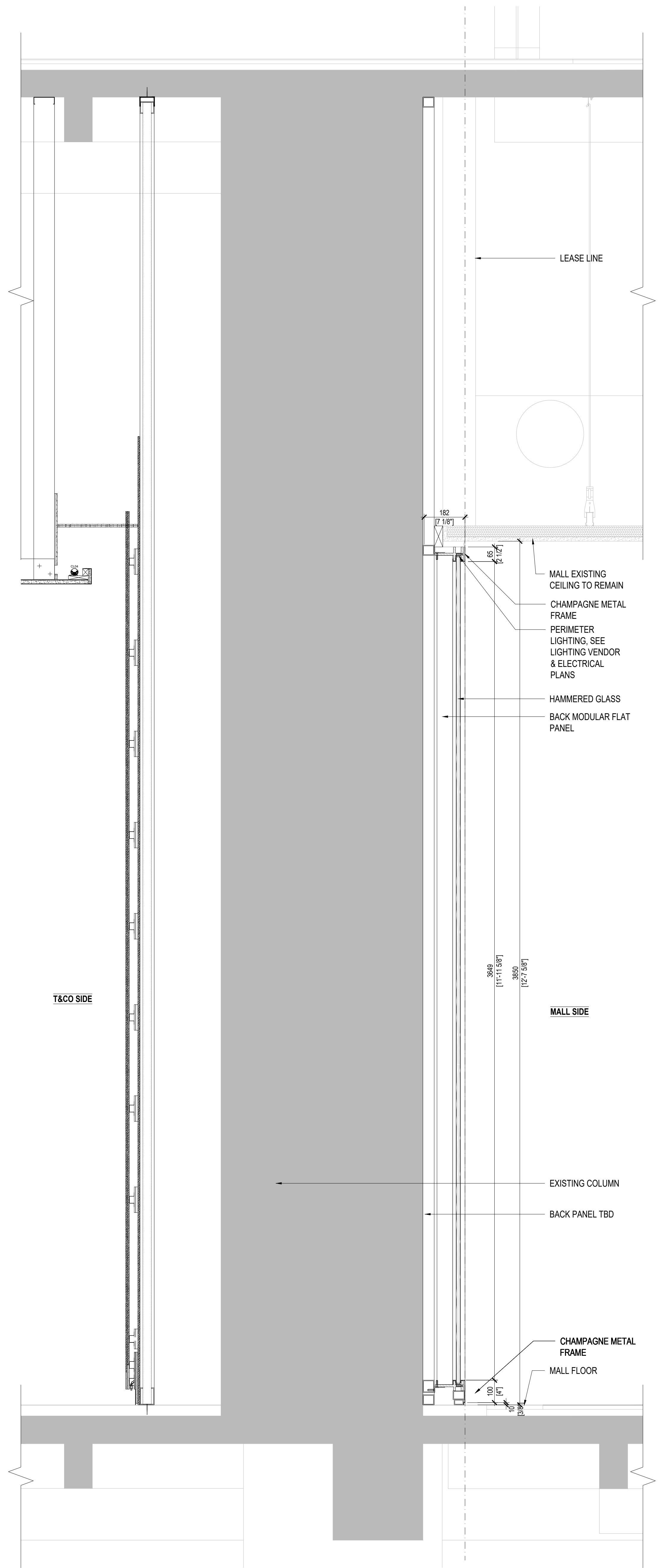
edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON CHECKED BY: xx

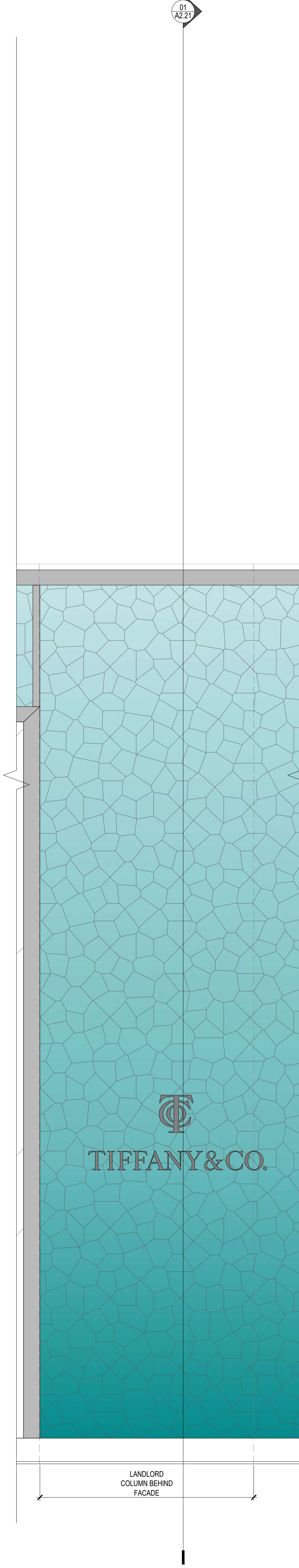
LOCAL ARCHITECT:

SHEET NAME:
EXTERIOR FACADE
SECTIONS

SHEET NUMBER:
A 2.22



01 SECTION AT COLUMN
1:10



1A EXTERIOR ELEVATION
FOR REFERENCE
1:10

GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- B. REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
- C. REFER TO A0.01 FOR GENERAL NOTES
- D. REFER TO A6.50 FOR ADDITIONAL INFORMATION ON SIGNAGE.
- E. STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
- F. EXISTING MALL FLOORING. CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCUT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
- G. EXISTING MALL CEILING OR BULKHEAD. CUT AND PATCH AS REQUIRED BY NEW CONSTRUCTION. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING.

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CLIENT:

TIFFANY & CO.

PROJECT:
WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON
LOCAL ARCHITECT:

CHECKED BY: xx

SHEET NAME:
EXTERIOR FACADE
SECTIONS

SHEET NUMBER:
A 2.23



- A. REFER TO SHEET AO.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- B. REFER TO SHEET AO.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
- C. REFER TO AO.01 FOR GENERAL NOTES.
- D. REFER TO AS.05 FOR ADDITIONAL INFORMATION ON SIGNAGE.
- E. STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
- F. EXISTING WALL, FLOORING, CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND WALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW WALL FLOORING FROM LANDLORD. EXTEND WALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNICUT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
- G. EXISTING WALL, CEILING OR BULKHEAD, CUT AND PATCH AS REQUIRED BY NEW STOREFRONT. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING.

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CLIENT:

TIFFANY & CO.

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WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

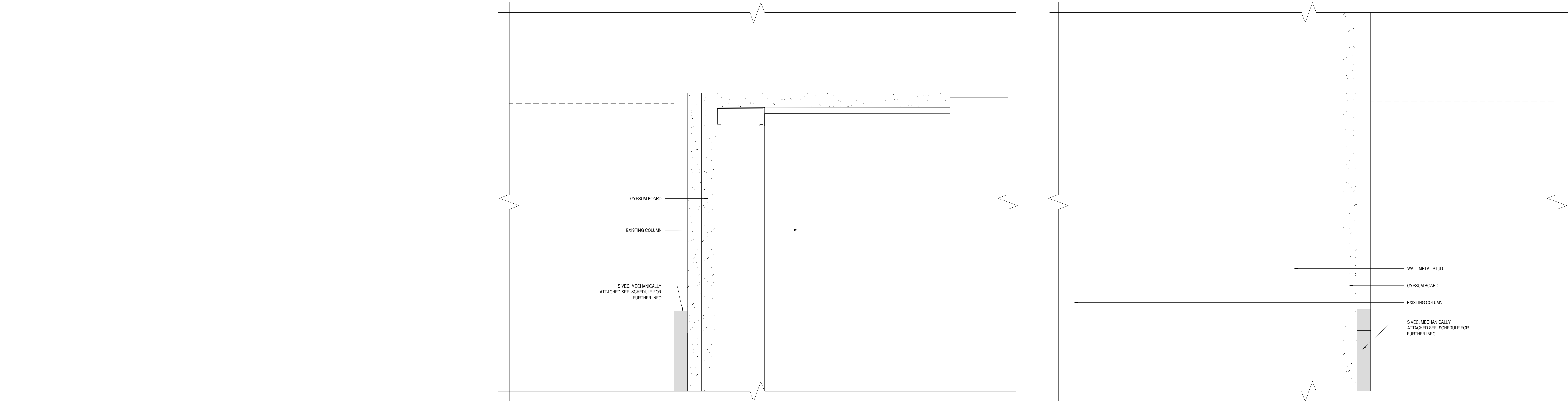
HECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME: HAMMERED GLASS
GLASS @ MOLD & DETAILS

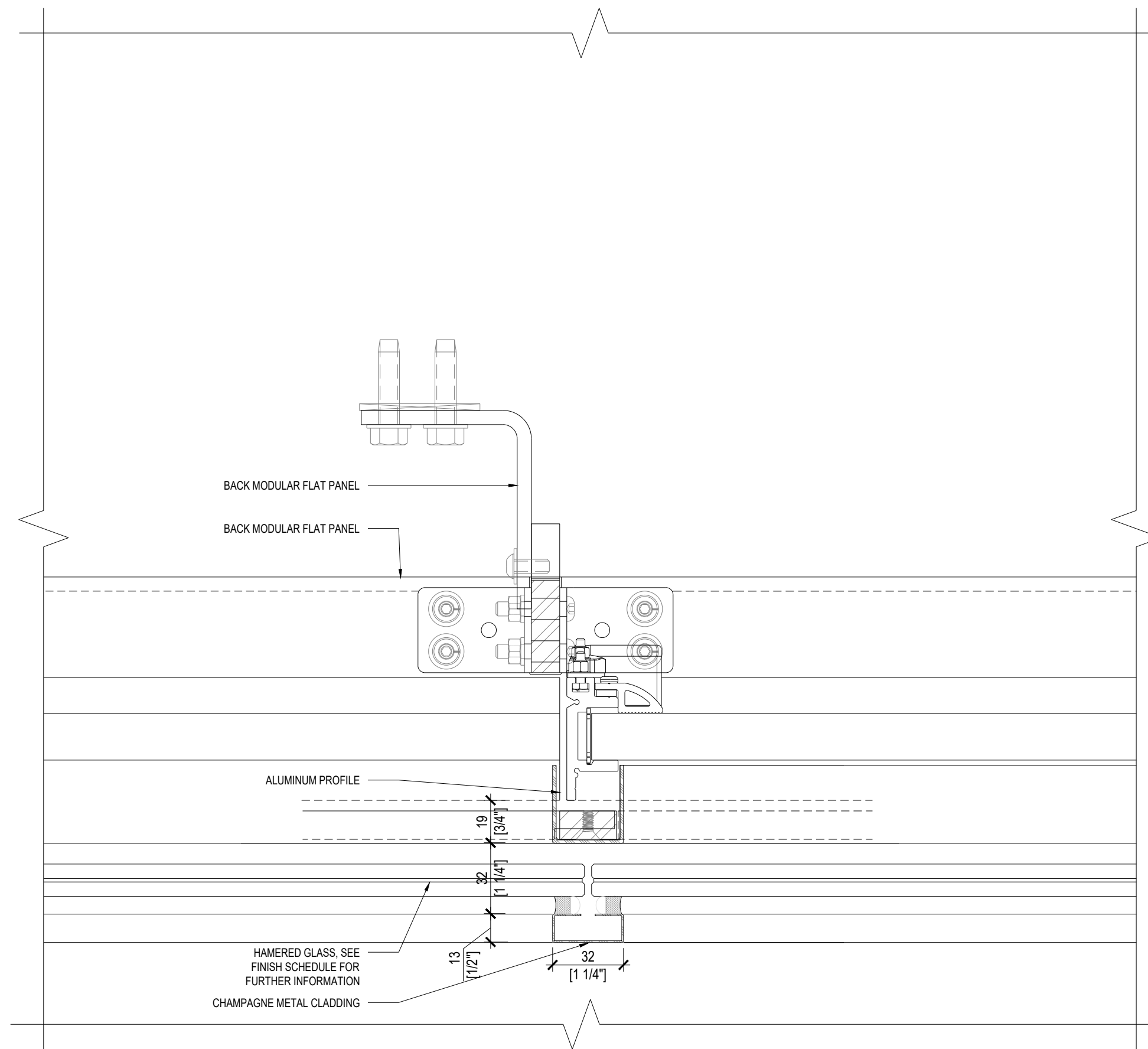
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A 2.24

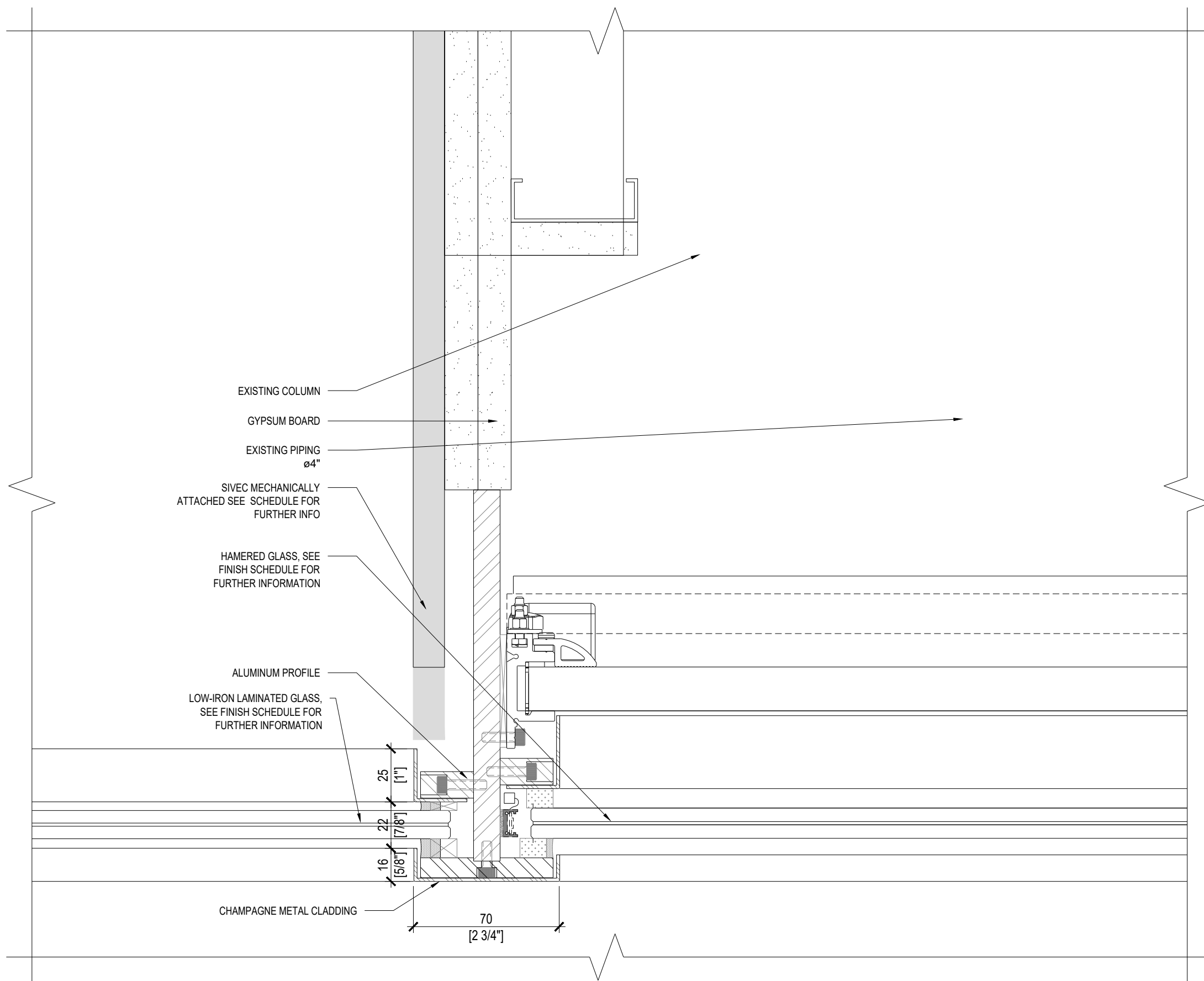


03 STOREFRONT - PLAN DETAIL
1:2

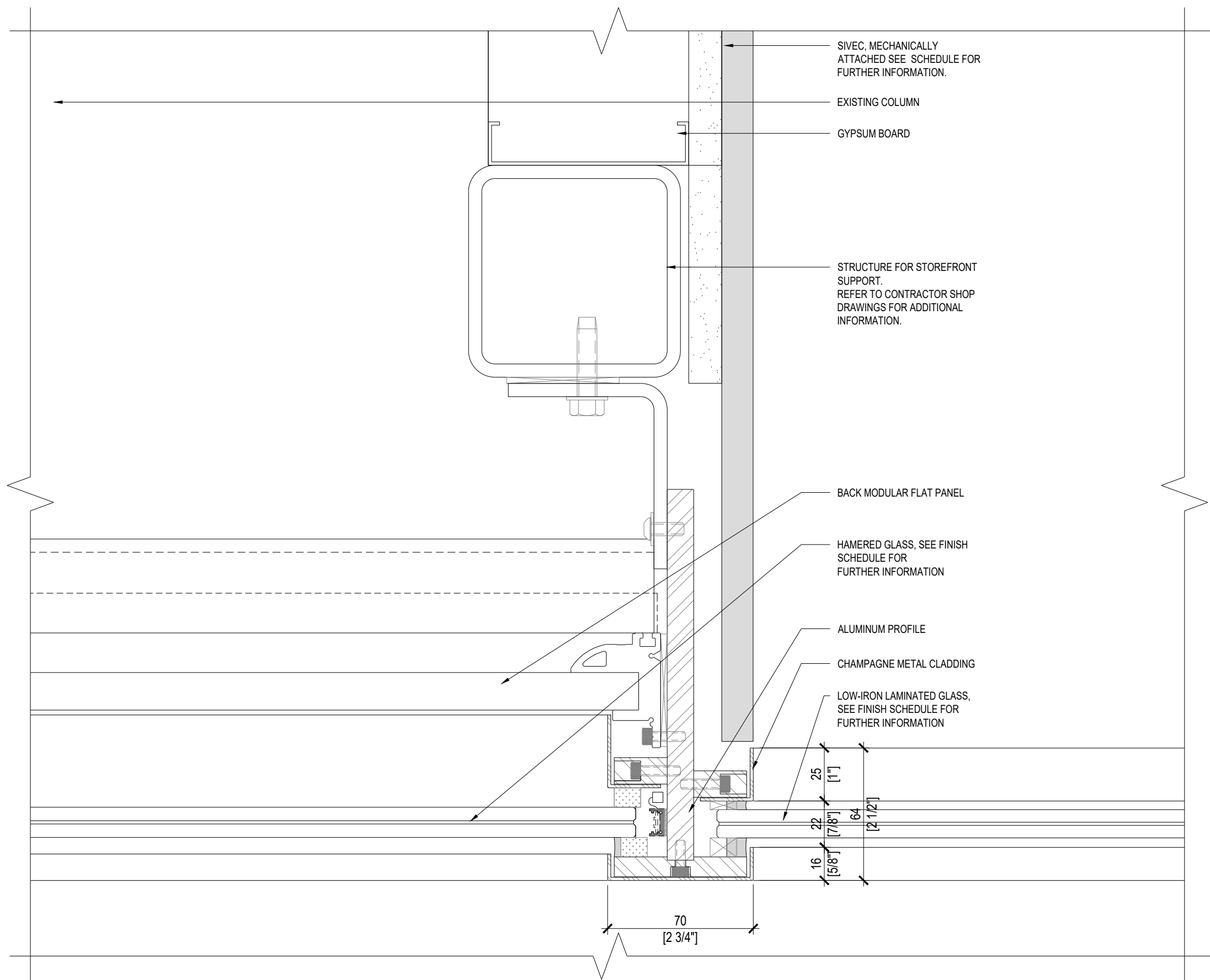
01 STOREFRONT - PLAN DETAIL
1:2



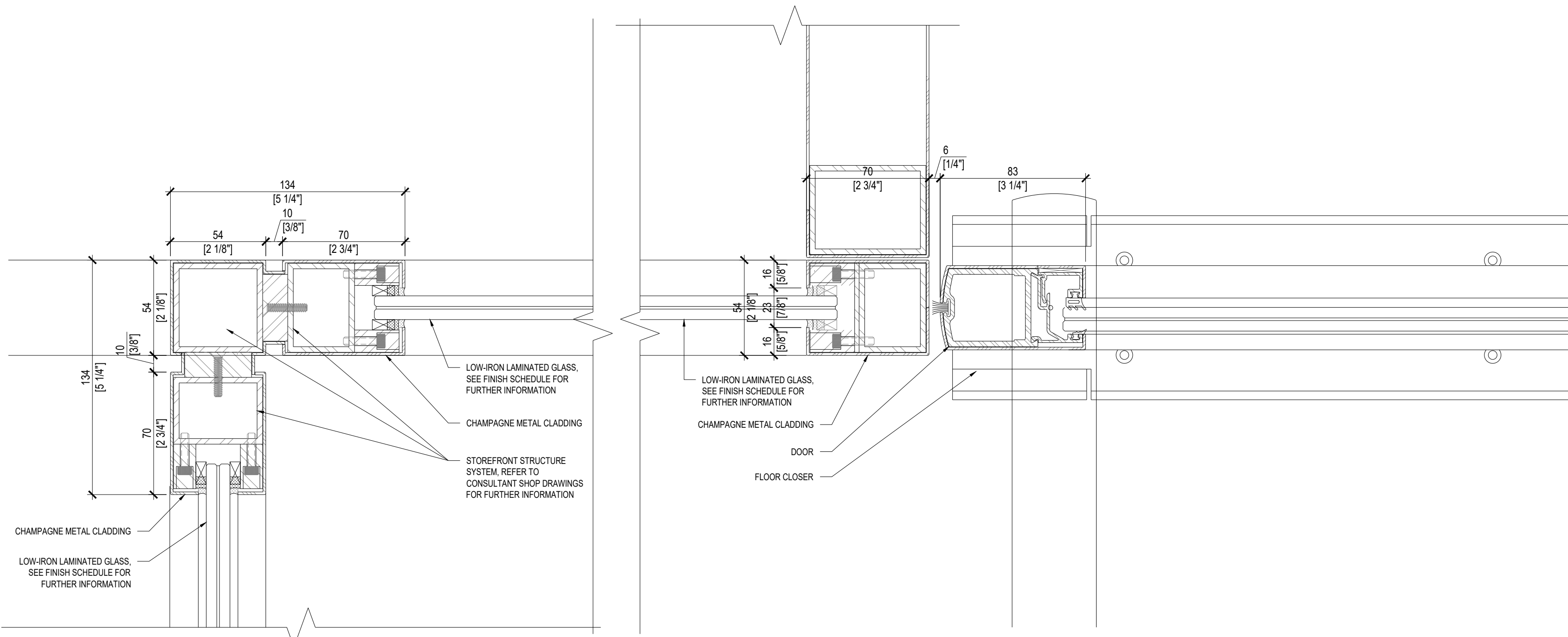
05 STOREFRONT - PLAN DETAIL
1:2



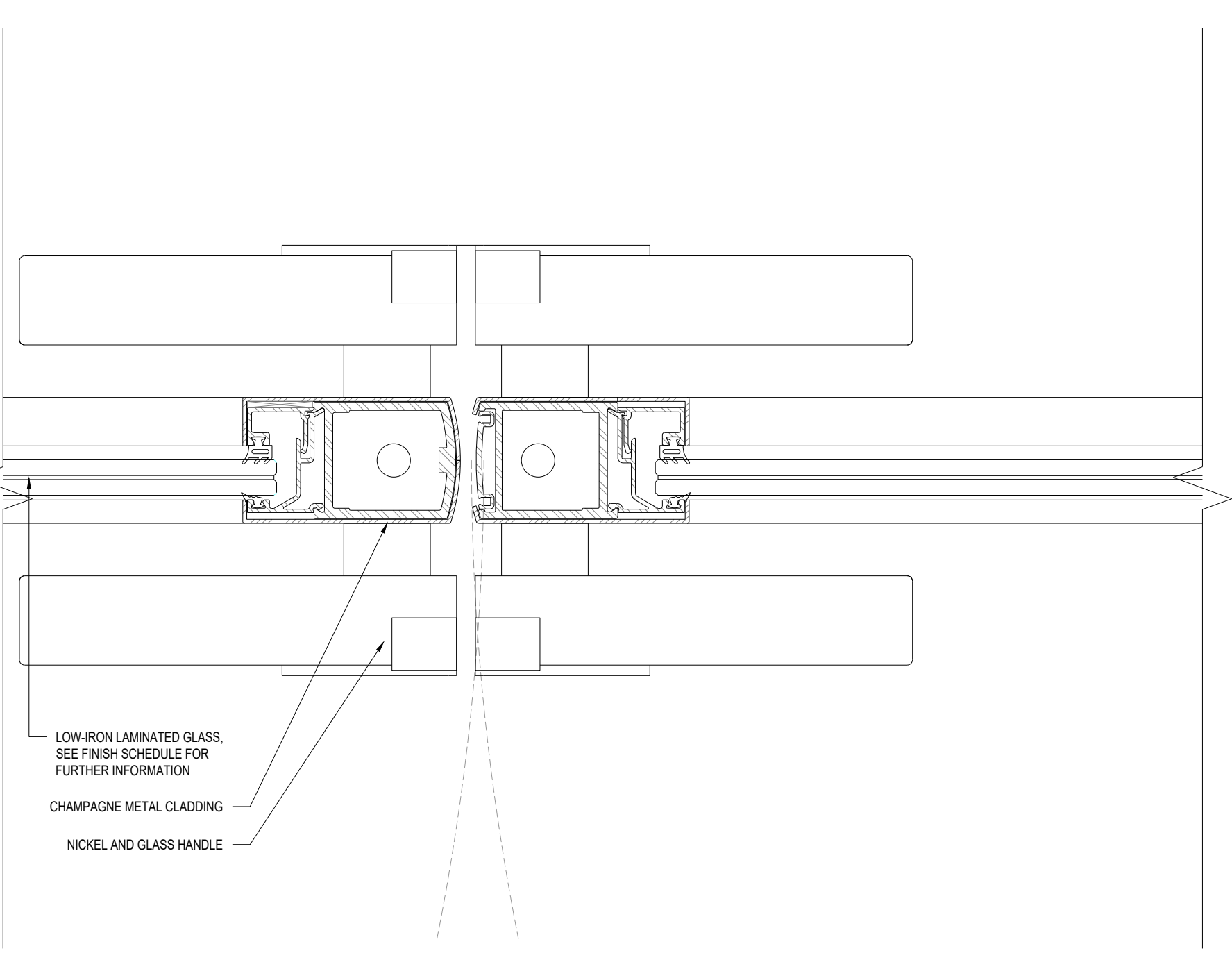
04 STOREFRONT - PLAN DETAIL
1:2



02 STOREFRONT - PLAN DETAIL
1:2



06 DETAIL @ ENTRY
1:2



GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
B. REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
C. REFER TO A0.01 FOR GENERAL NOTES.
D. REFER TO A8.35 FOR ADDITIONAL INFORMATION ON SIGNAGE.
E. STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
F. EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCUT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
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REV. 3.1	02/13/2023

CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

HAMMERED GLASS
GLASS @ MOLD & DETAILS

SHEET NUMBER:

A 2.25

SHEET NOTES

GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
B. REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
C. REFER TO A0.01 FOR GENERAL NOTES.
D. REFER TO A0.30 FOR ADDITIONAL INFORMATION ON SIGNAGE.
E. ALL FACADE ELEMENTS TO BE POSITIONED AND SIZED ACCORDING TO THE TYPICAL FLUTE DIMENSION OR AS A MULTIPLE OF THE TYPICAL FLUTE DIMENSION. FACADE ELEMENTS ARE TO BE SET OUT FROM THE START POINT OF THE PROJECT.
F. ALL STONE PANELS AND SEAMING/JOINT LOCATIONS ARE TO BE DETERMINED BY STANDARD STONE PANEL SIZES. DIMENSIONS ARE NOT TO EXCEED STANDARD PANEL SIZES.
G. STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
H. EXISTING WALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND WALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW WALL FLOORING FROM LANDLORD. EXTEND WALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCUIT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
I. EXISTING WALL CEILING OR BULKHEAD: CUT AND PATCH AS REQUIRED BY NEW CONSTRUCTION. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING.
J. FRAMING AND STRUCTURAL SUPPORTS FOR STOREFRONT. ARCHITECT AND STRUCTURAL ENGINEER OF RECORD TO DETERMINE FRAMING AND MISC. STEEL SUPPORTS FOR STOREFRONT TO SUIT ACTUAL PROJECT CONDITIONS AND LOCAL CODE REQUIREMENTS ALL FRAMING AND SUPPORTS TO BE SHOWN ON ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.

LEGEND

HATCH DENOTES NOT IN SCOPE

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CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

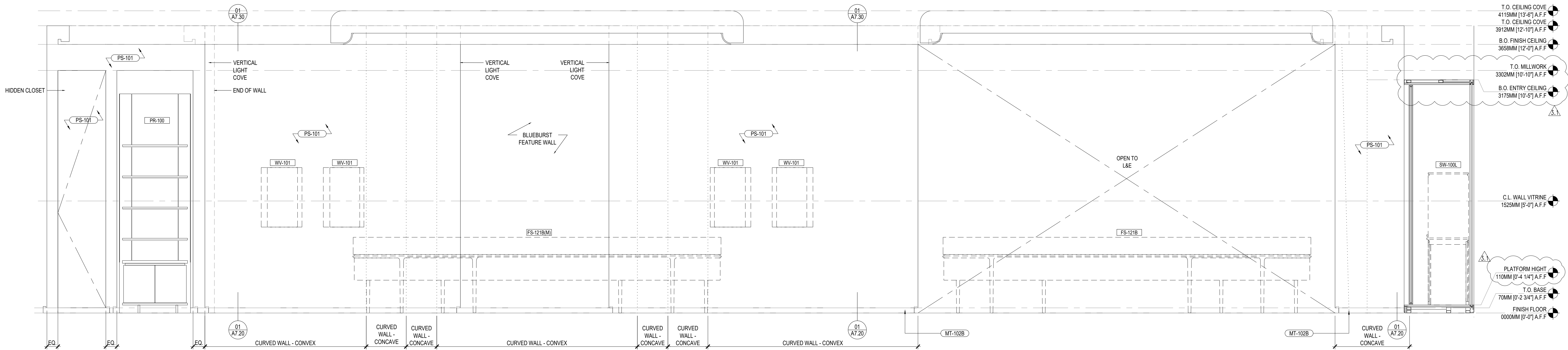
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SHEET NAME:

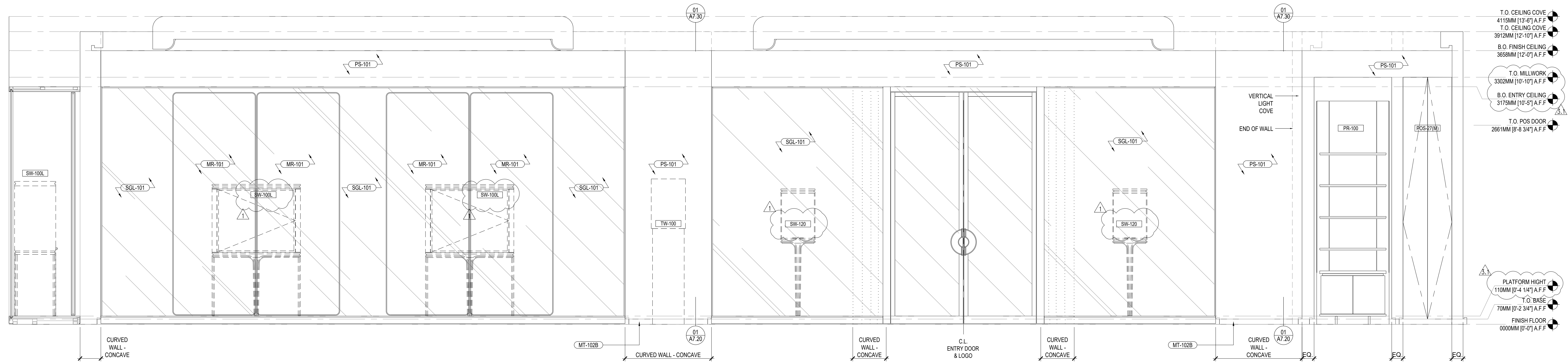
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FOH INTERIOR ELEVATIONS

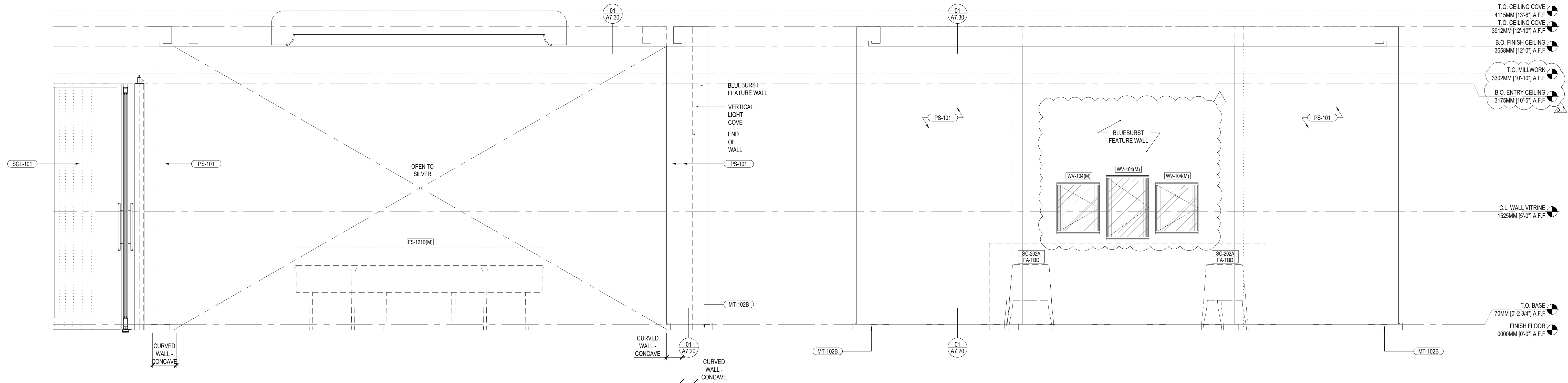
A 3.00



01 INTERIOR ELEVATION @ SILVER, DIAMONDS AND ICONS
1:25



02 INTERIOR ELEVATION @ SILVER, DIAMONDS AND ICONS
1:25



04 INTERIOR ELEVATION @ DIAMONDS
1:25

03 INTERIOR ELEVATION @ SILVER
1:25

SHEET NOTES

GENERAL NOTES

- A. REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
B. REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
C. REFER TO A0.01 FOR GENERAL NOTES.
D. REFER TO A0.30 FOR ADDITIONAL INFORMATION ON SIGNAGE.
E. ALL FACADE ELEMENTS TO BE POSITIONED AND SIZED ACCORDING TO THE TYPICAL FLUTE DIMENSION OR AS A MULTIPLE OF THE TYPICAL FLUTE DIMENSION. FACADE ELEMENTS ARE TO BE SET OUT FROM THE START POINT OF THE PROJECT.
F. ALL STONE PANELS AND SEAMING/JOINT LOCATIONS ARE TO BE DETERMINED BY STANDARD STONE PANEL SIZES. DIMENSIONS ARE NOT TO EXCEED STANDARD PANEL SIZES.
G. STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
H. EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCU TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
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LEGEND

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REV. 3.1	02/13/2023

CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

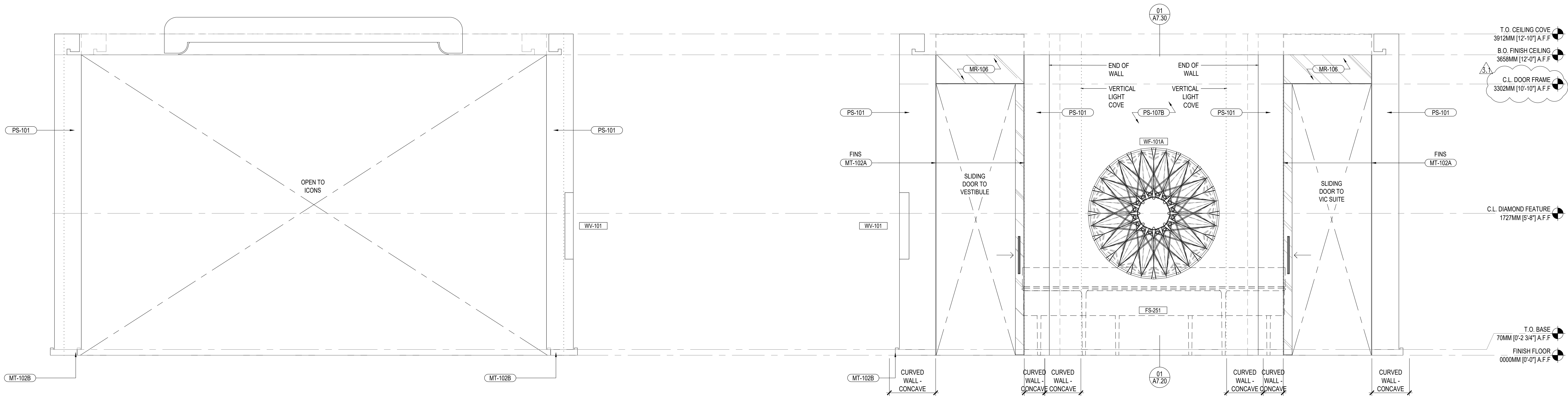
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SHEET NAME:

SHEET NUMBER:

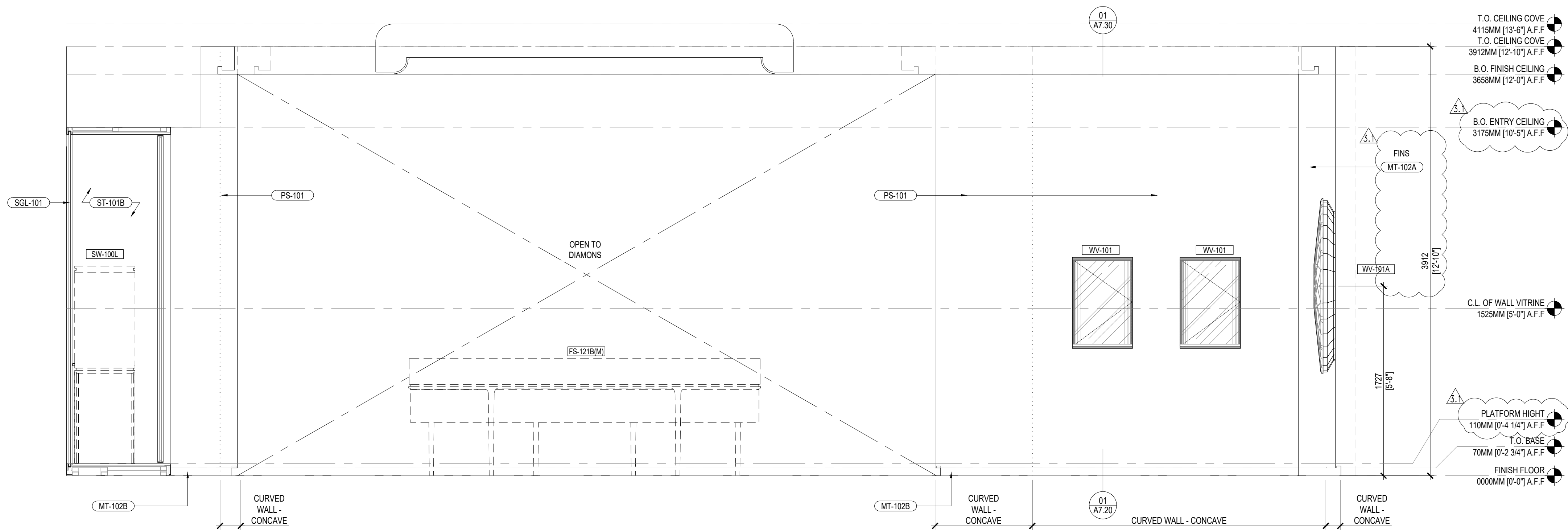
FOH INTERIOR ELEVATIONS

A 3.01



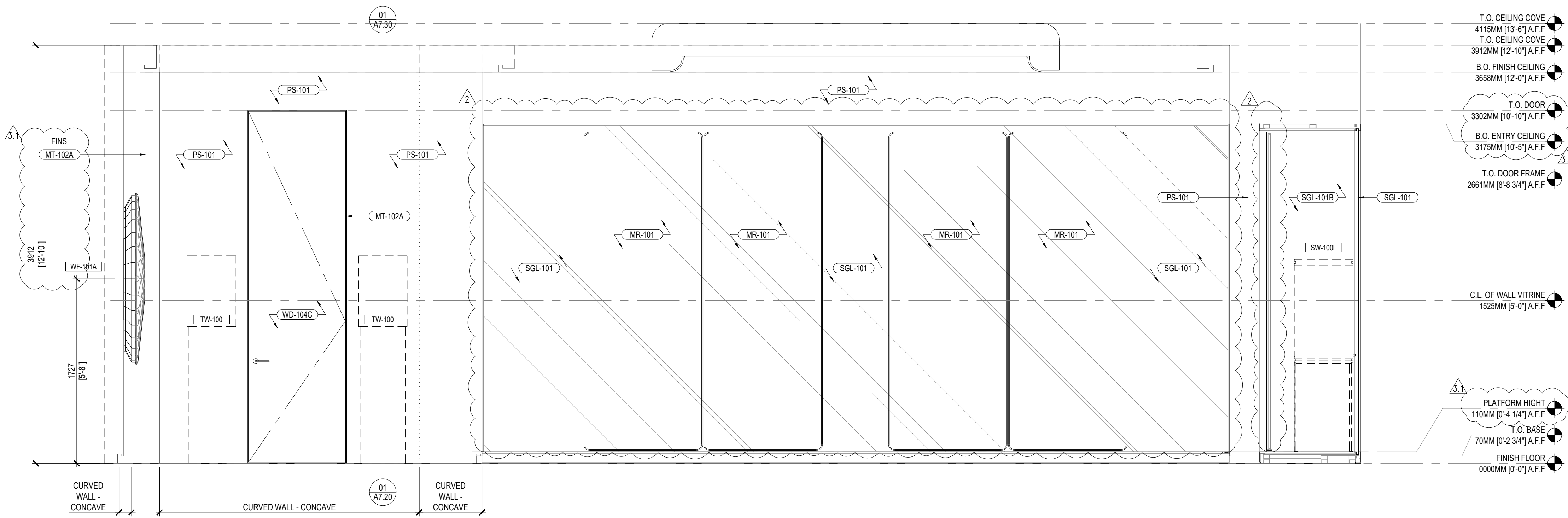
INTERIOR ELEVATION @ L&E

1:25



INTERIOR ELEVATION @ L&E

1:25

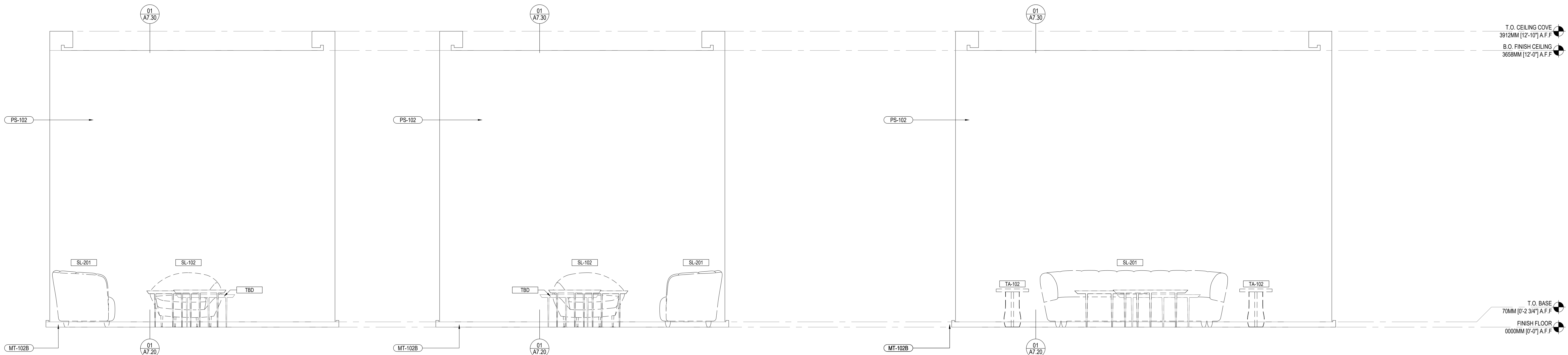


INTERIOR ELEVATION @ L&E AND ICONS

1:25

INTERIOR ELEVATION @ L&E AND ICONS

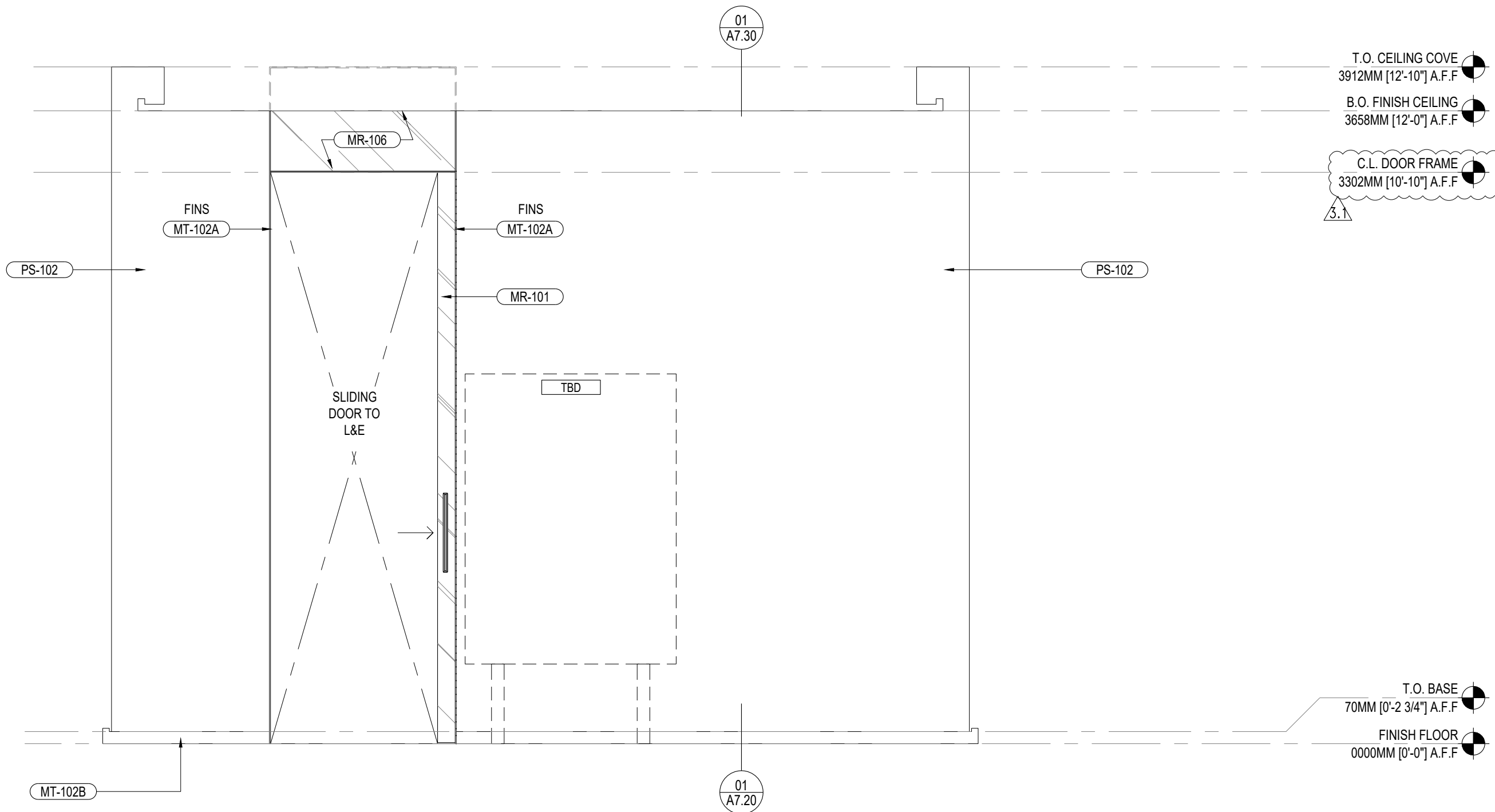
1:25



03 INTERIOR ELEVATION @ VIC SALON
1:25

02 INTERIOR ELEVATION @ VIC SALON
1:25

01 INTERIOR ELEVATION @ VIC SALON
1:25



04 INTERIOR ELEVATION @ VIC SALON
1:25

SHEET NOTES

GENERAL NOTES

- REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS.
- REFER TO A0.01 FOR GENERAL NOTES.
- REFER TO A0.30 FOR ADDITIONAL INFORMATION ON SIGNAGE.
- ALL FACADE ELEMENTS TO BE POSITIONED AND SIZED ACCORDING TO THE TYPICAL FLUTE DIMENSION OR AS A MULTIPLE OF THE TYPICAL FLUTE DIMENSION. FACADE ELEMENTS ARE TO BE SET OUT FROM THE START POINT OF THE PROJECT.
- ALL STONE PANELS AND SEAMING/Joint LOCATIONS ARE TO BE DETERMINED BY STANDARD STONE PANEL SIZES. DIMENSIONS ARE NOT TO EXCEED STANDARD PANEL SIZES.
- STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR.
- EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCUT TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW.
- EXISTING MALL CEILING OR BULKHEAD: CUT AND PATCH AS REQUIRED BY NEW CONSTRUCTION. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING.
- FRAMING AND STRUCTURAL SUPPORTS FOR STOREFRONT. ARCHITECT AND STRUCTURAL ENGINEER OF RECORD TO DETERMINE FRAMING AND MISC. STEEL SUPPORTS FOR STOREFRONT TO SUIT ACTUAL PROJECT CONDITIONS AND LOCAL CODE REQUIREMENTS ALL FRAMING AND SUPPORTS TO BE SHOWN ON ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS.

LEGEND

HATCH DENOTES NOT IN SCOPE

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REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

FOH INTERIOR ELEVATIONS

A 3.02

SHEET NOTES

1.
- ANY FURNITURE OR MILLWORK NOT TAGGED 'TBD' IS STILL PENDING FINAL CONFIRMATION FROM T&CO
2.
- ALL FINISH TAGS ARE TAGGED AS PLACEHOLDERS. FINAL FINISH SPECIFICATIONS ARE TO FOLLOW

GENERAL NOTES

- A.
- REFER TO SHEET A0.10 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES
- B.
- REFER TO SHEET A0.01 FOR ABBREVIATIONS AND GRAPHIC SYMBOLS
- C.
- REFER TO A0.01 FOR GENERAL NOTES
- D.
- REFER TO A0.30 FOR ADDITIONAL INFORMATION ON SIGNAGE
- E.
- ALL FACADE ELEMENTS TO BE POSITIONED AND SIZED ACCORDING TO THE TYPICAL FLUTE DIMENSION OR AS A MULTIPLE OF THE TYPICAL FLUTE DIMENSION. FACADE ELEMENTS ARE TO BE SET OUT FROM THE START POINT OF THE PROJECT
- F.
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- G.
- STONE ANCHOR SYSTEM TO BE ENGINEERED BY STONE CONTRACTOR
- H.
- EXISTING MALL FLOORING: CUT AND PATCH AS REQUIRED BY NEW STOREFRONT WORK WHERE NEW STOREFRONT LINE IS BEHIND LEASE LINE. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE. PURCHASE NEW MALL FLOORING FROM LANDLORD. EXTEND MALL FLOORING PATTERN TO NEW STOREFRONT LINE WITH UNCU TILES. REMOVE PORTAL TILES AND REPLACE WITH NEW
- I.
- EXISTING MALL CEILING OR BULKHEAD: CUT AND PATCH AS REQUIRED BY NEW CONSTRUCTION. EXTEND TO NEW STOREFRONT LINE. PAINT TO MATCH EXISTING CEILING
- J.
- FRAMING AND STRUCTURAL SUPPORTS FOR STOREFRONT. ARCHITECT AND STRUCTURAL ENGINEER OF RECORD TO DETERMINE FRAMING AND MISC. STEEL SUPPORTS FOR STOREFRONT TO SUIT ACTUAL PROJECT CONDITIONS AND LOCAL CODE REQUIREMENTS ALL FRAMING AND SUPPORTS TO BE SHOWN ON ARCHITECTURAL AND/OR STRUCTURAL DRAWINGS

LEGEND

HATCH DENOTES NOT IN SCOPE

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:
WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:
edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON
LOCAL ARCHITECT:
CHECKED BY: xx

SHEET NAME:	SHEET NUMBER:
FOH INTERIOR ELEVATIONS	A 3.03

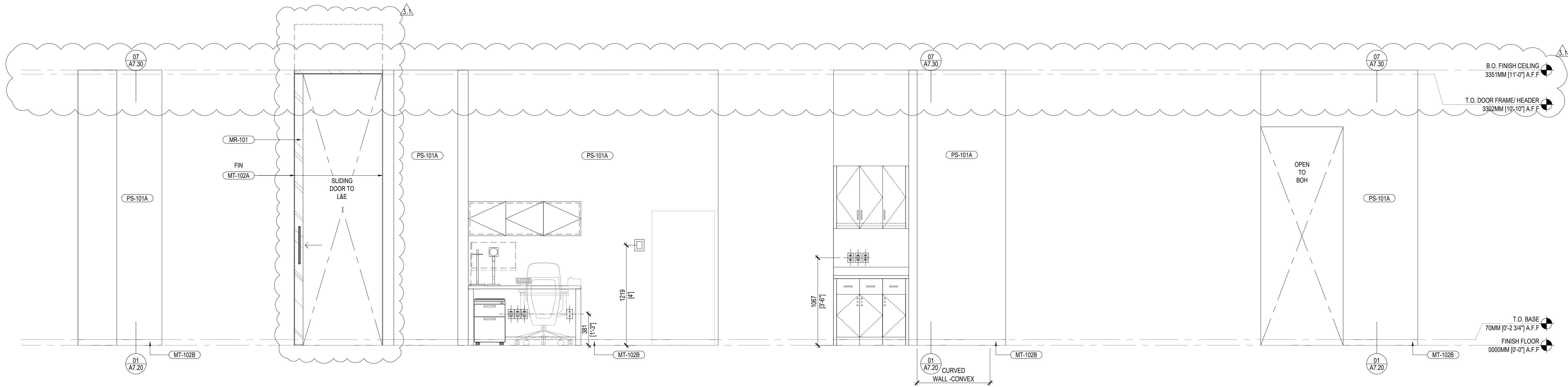


04 INTERIOR ELEVATION @ POS
1:25

03 INTERIOR ELEVATION @ POS
1:25

02 INTERIOR ELEVATION @ POS
1:25

01 INTERIOR ELEVATION @ POS
1:25

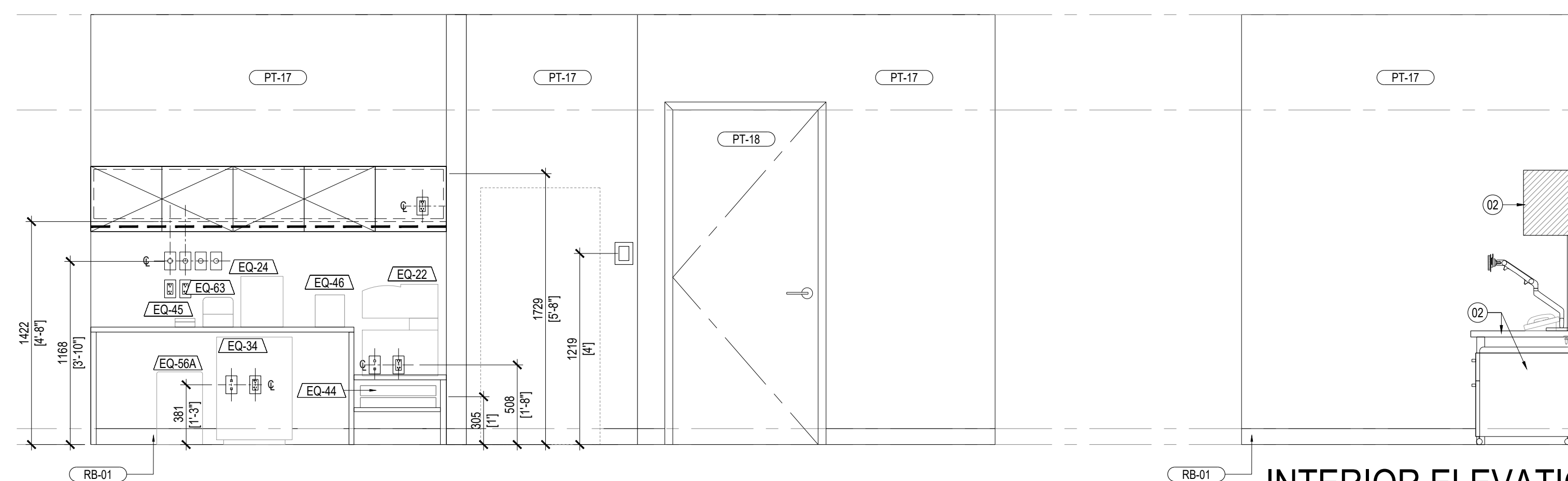


08 INTERIOR ELEVATION @ VESTIBULE
1:25

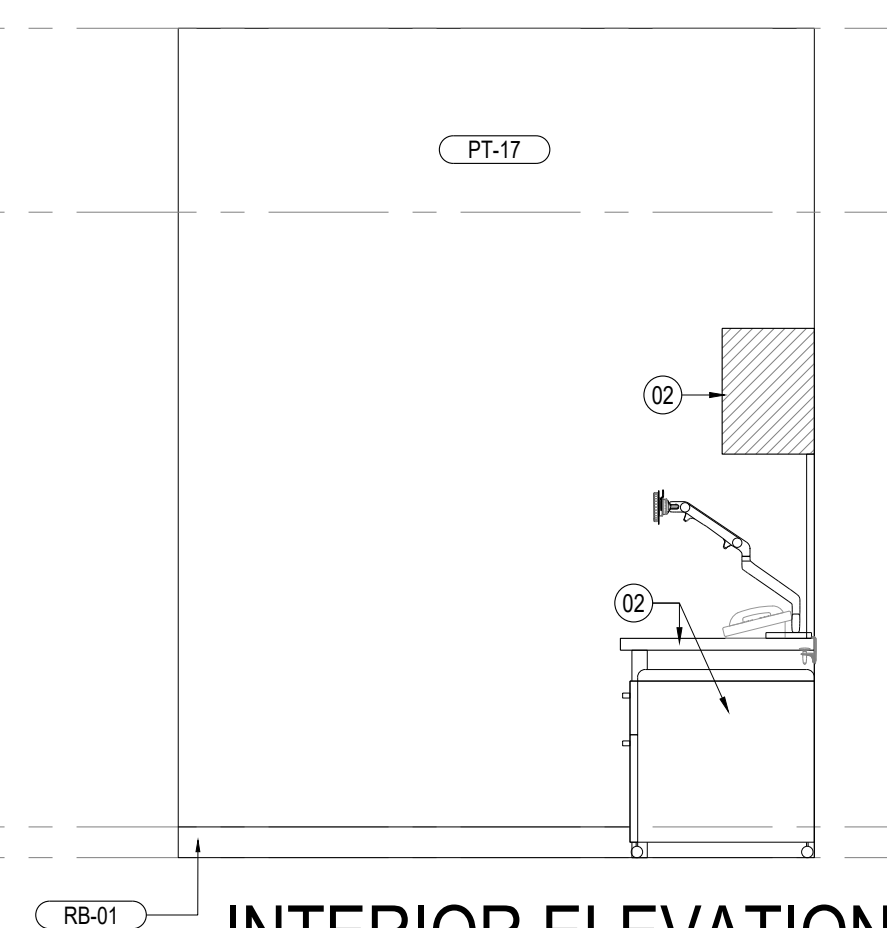
07 INTERIOR ELEVATION @ VESTIBULE
1:25

06 INTERIOR ELEVATION @ VESTIBULE
1:25

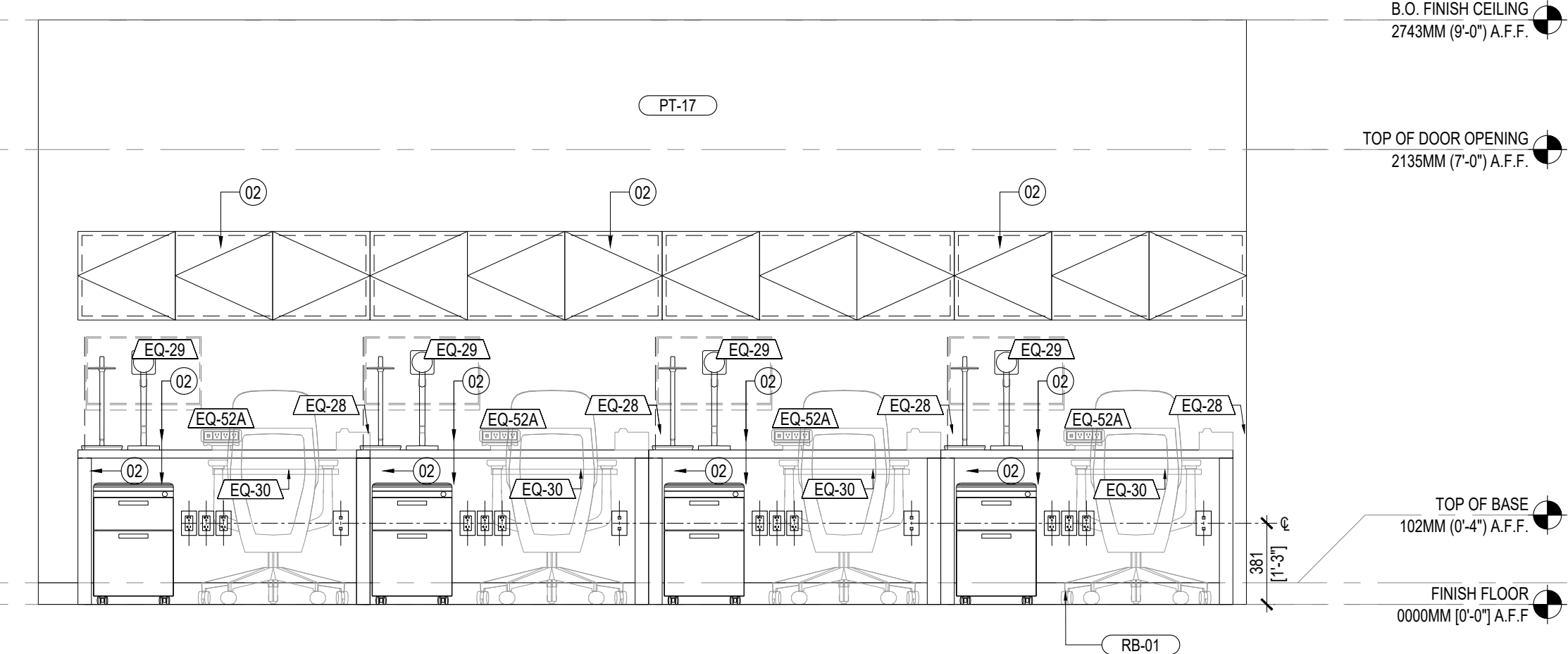
05 INTERIOR ELEVATION @ VESTIBULE
1:25



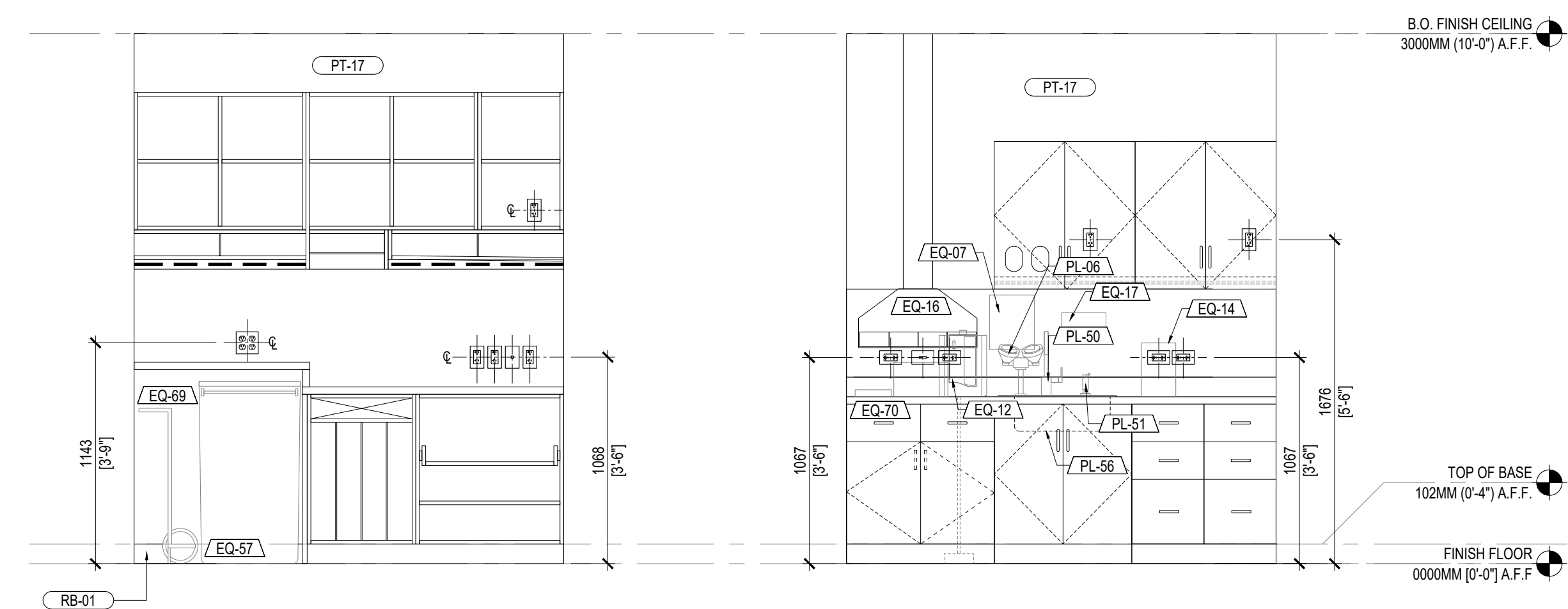
04 INTERIOR ELEVATION @ EQUIPMENT CTR.
1:25



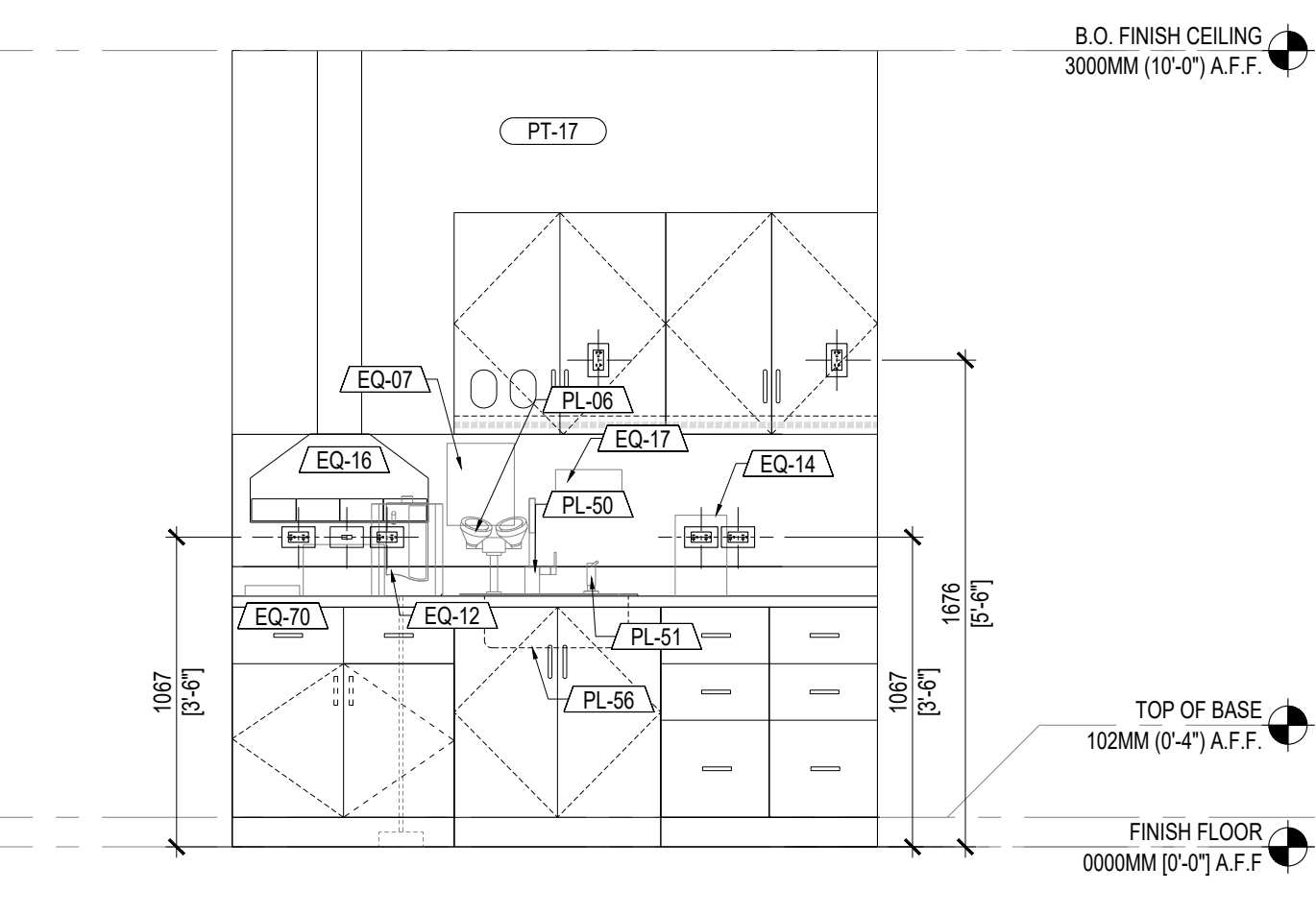
03 INTERIOR ELEVATION
@ EQUIPMENT CTR.
1:25



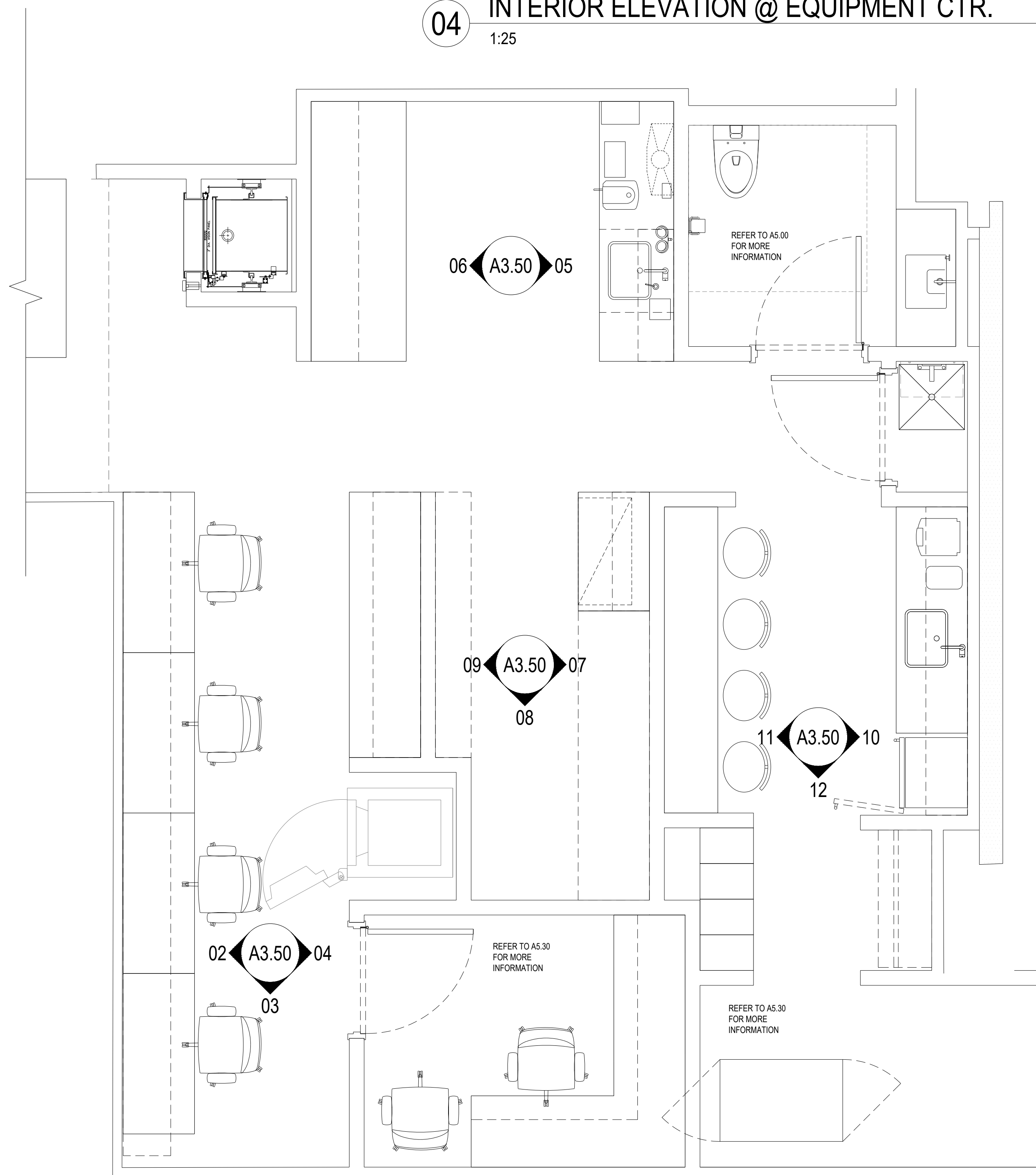
02 INTERIOR ELEVATION @ OPS, COUNTER
1:25



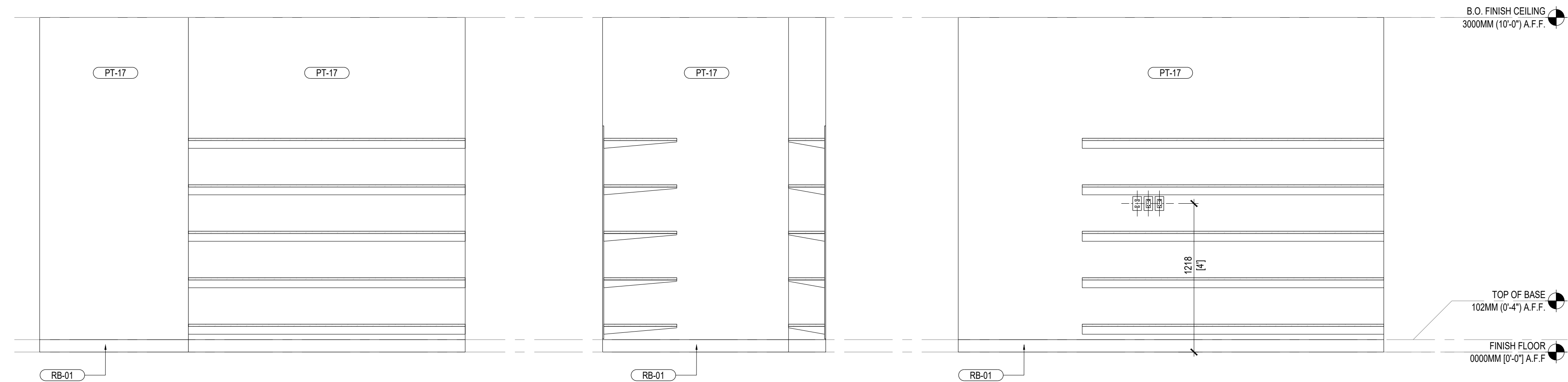
06 INTERIOR ELEVATION @
SHIPPING & RECEIVING
1:25



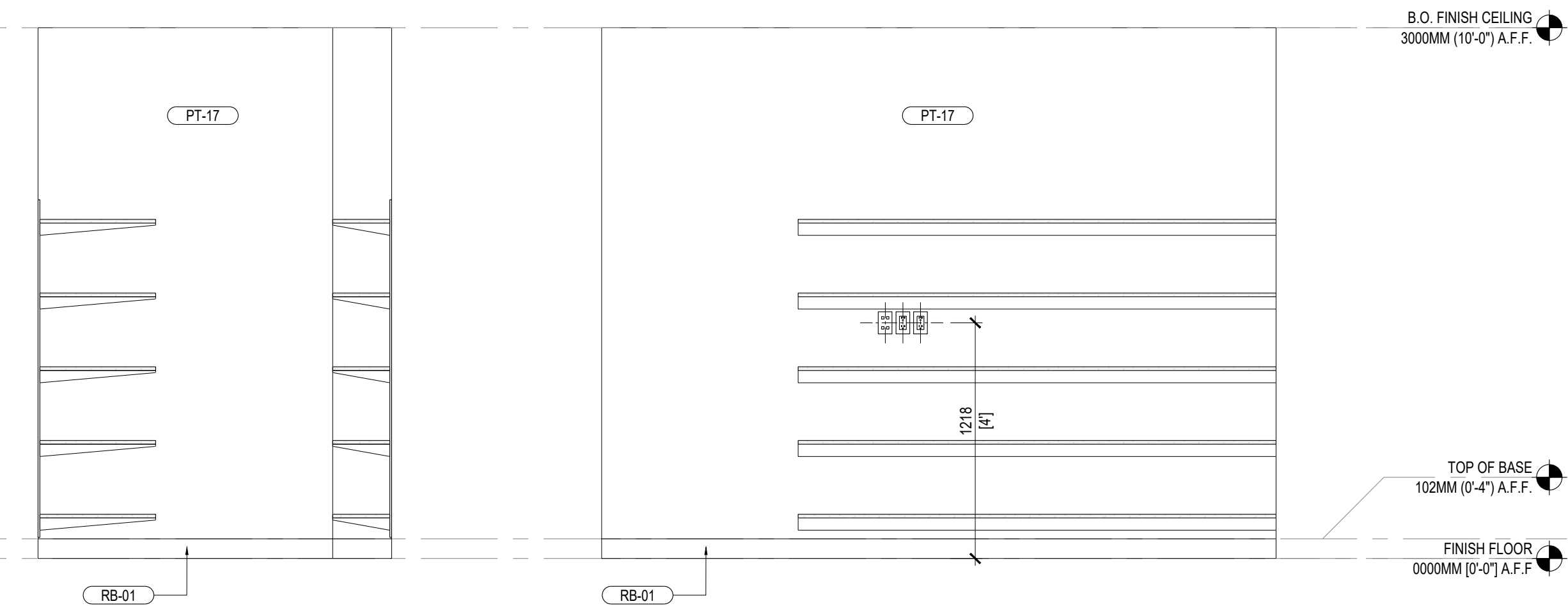
05 INTERIOR ELEVATION @
AFTERSALE
1:25



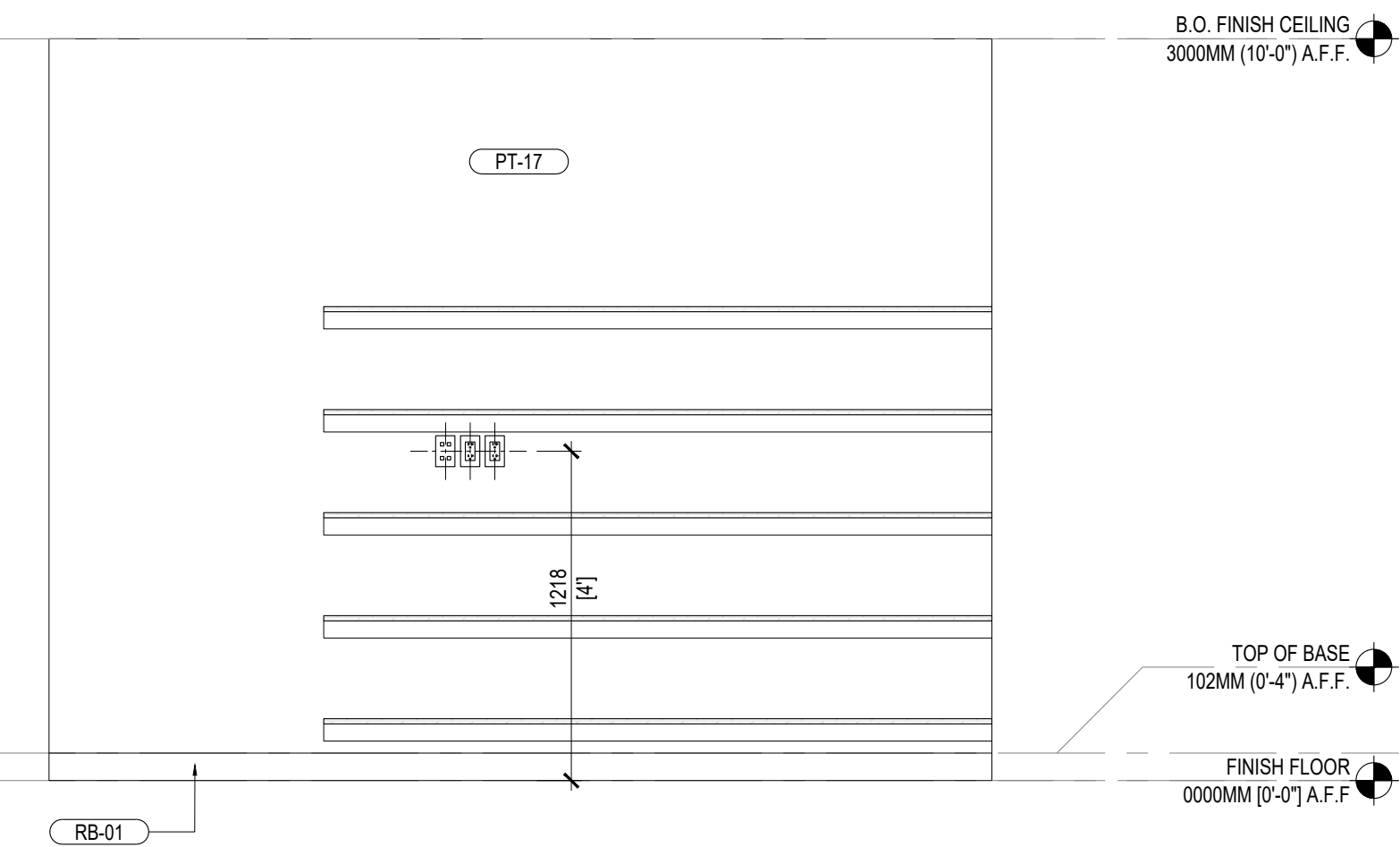
01 SECOND FLOOR @ BOH
1:25



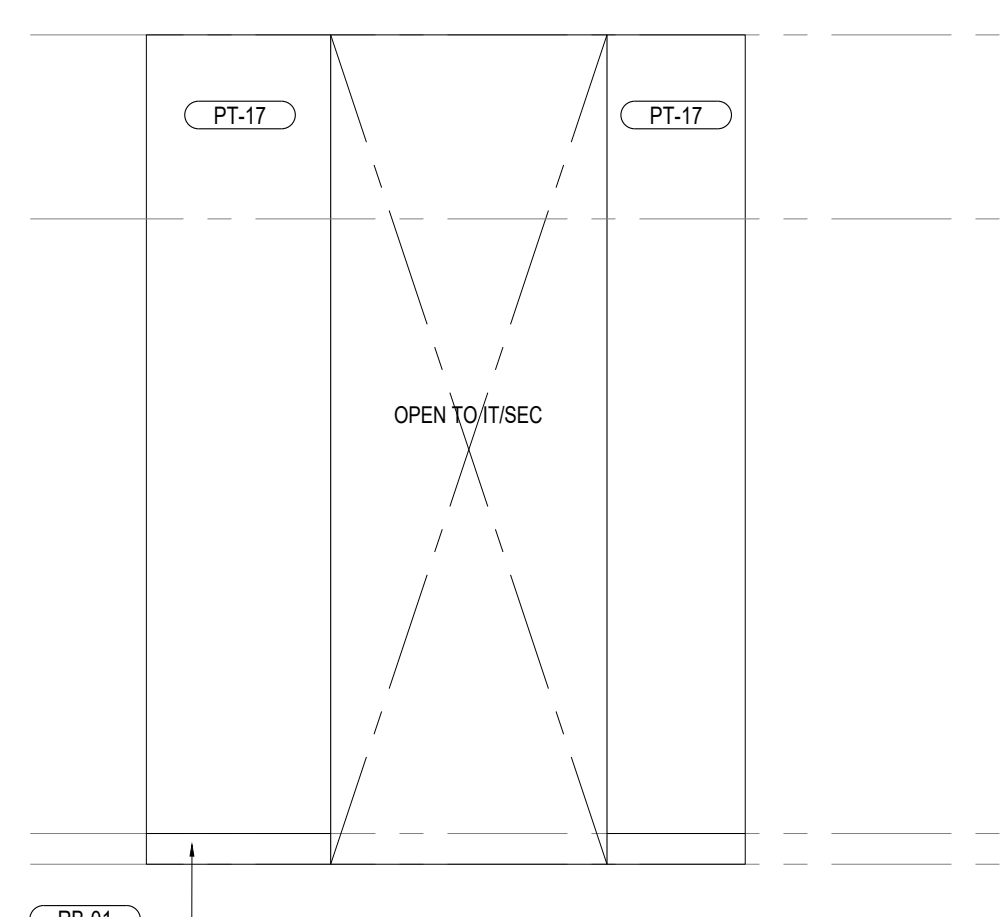
09 INTERIOR ELEVATION @
SHELVING
1:25



08 INTERIOR ELEVATION @ SHELVING



07 INTERIOR ELEVATION @
SHELVING
1:25

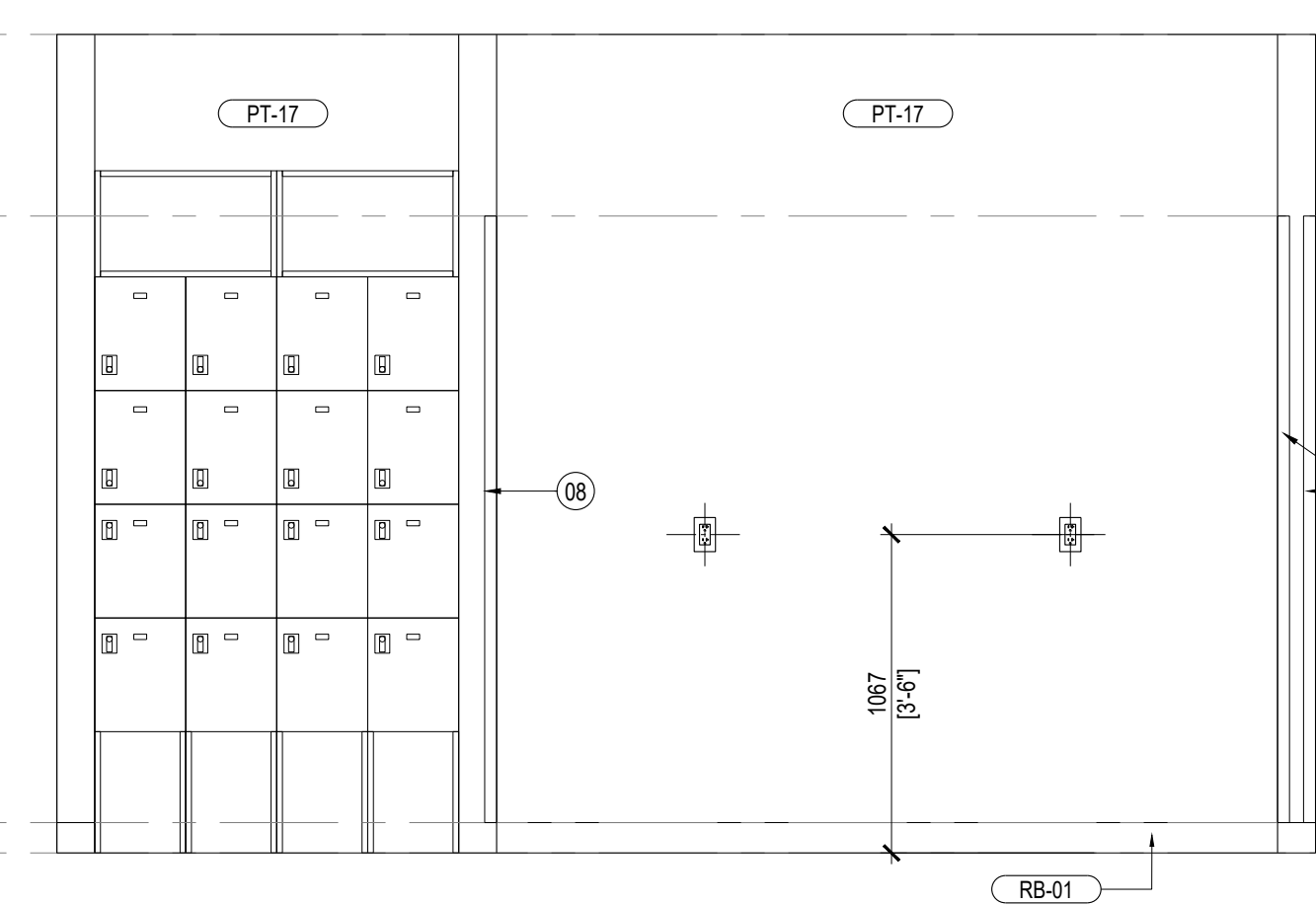


RB-01

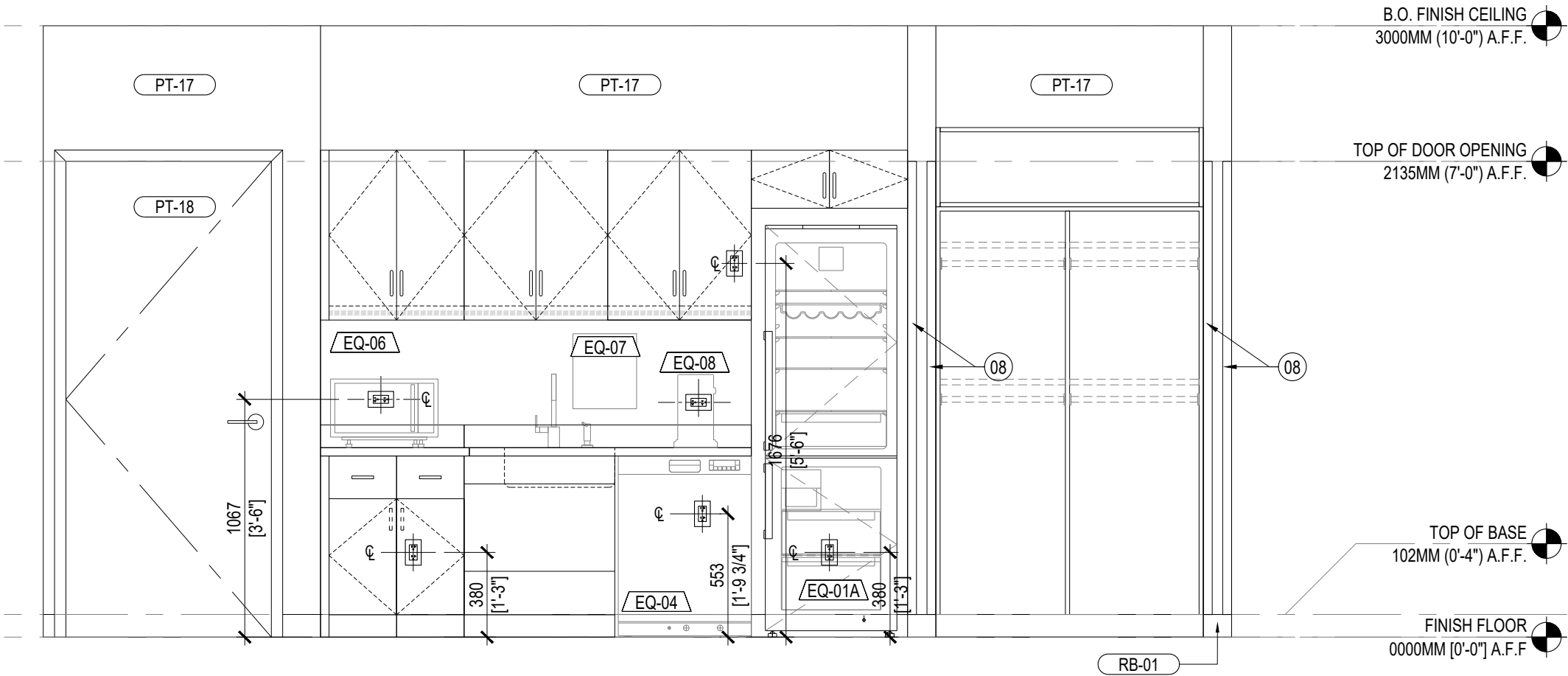
12

INTERIOR ELEVATION @
IT/SEC

1:25



11 INTERIOR ELEVATION @ SEATING & LOCKERS 1:25



10 INTERIOR ELEVATION @ MOP SINK,
PANTRY & COAT CLOSET
1:25

SHEET NOTES

- | | |
|----|--|
| 01 | SCOPE OF WORK INSTALL AND SUPPLIED BY G.C. |
| 02 | SCOPE OF WORK INSTALL AND SUPPLIED
BY FURNITURE VENDOR |
| 03 | REFER TO MEP DWGS FOR ELECTRICAL
PANELS SIZE, NUMBER AND LOCATION |
| 04 | GC TO PAINT THE EXHAUST TO MATCH WITH THE WALL FINISH |
| 05 | REFER TO SHOP DRAWING SAMPLE |
| 06 | FULL HEIGHT F.T. PLYWOOD PANELS ON ALL WALLS |
| 07 | ALL OUTLETS DIMENSIONS ADDED THROUGHOUT ALL SHEETS |
| 08 | WALL GUARD |

GENERAL NOTES

LEGEND

- HATCH DENOTES NOT IN SCOPE

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CLIENT:

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SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

CONSTRUCTION & CONSTRUCTION

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

BOH INTERIOR ELEVATIONS *A*

A 3.50

- 01 LIGHT SCONCE BY TCO
- 02 PAINTED GYP. BD. BY G.C.
- 03 1/8" METAL TRIM
- 04 DOOR LEVER REFER TO HARDWARE SCHEDULE AND MILLWORK SHOP DRAWINGS
- 05 DOOR BY MWC. G.C. TO COORDINATE DETAILS WITH MILLWORK SHOP DWG. AND PAINT DOOR TO MATCH ADJACENT WALL FINISHES
- 06 STONE WAINSCOT BY G.C.
- 07 METAL DOOR FRAME BY MWC. G.C. TO COORDINATE DETAILS WITH MILLWORK SHOP DWGS.
- 08 NOT USED
- 09 TRASH CAN. REFER TO BATHROOM ACCESSORIES ON SHEET A6.41
- 10 SCHEDULED TOILET BY G.C. REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET A6.41
- 11 TOILET SEAT DISPENSER.
- 12 SINK FAUCET BY G.C. REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET A6.41
- 13 DECORATIVE MIRROR BY TCO
- 14 RECESSED TOILET PAPER DISPENSER. REFER TO BATHROOM ACCESSORIES ON SHEET A6.41
- 15 COAT HOOK. REFER TO BATHROOM ACCESSORIES ON SHEET A6.41
- 16 LOCAL LIGHT SWITCH
- 17 DENOTES FLOOR DRAIN
- 18 CERAMIC TILE FINISH BY G.C.
- 19 CUSTOM SINK COUNTER BY G.C.
- 20 POWER OUTLET
- 21 SINK BY G.C. REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET A6.41
- 22 PIPE COVERS REFER TO PLUMBING FIXTURE SCHEDULE ON SHEET A6.41
- 23 CERAMIC BULBNOSE TILE
- 24 TILE BASE BY G.C.
- 25 RECESSED SANITARY NAPPING DISPOSAL
- 26 NOT USED
- 27 WALL MOUNTED SOAP DISPENSER

 HATCH DENOTES NOT IN SCOPE

CLIENT:

TIFFANY&CO.

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAWN BY: EDICON CHECKED BY: JES



SHEET NOTES

- 01SECURITY RACK
- 02ALARM CONTROL PANEL
- 03ALARM POWER SUPPLY
- 04I.T. RACK
- 05TELCO D. MARK
- 06CONDUIT STUB ROUTER FROM LANDLORD TELECOM EQUIPMENT
- 07ROOF MOUNTED ANTENNAS (2 CONDUIT TO ROOF)
- 08GROUND BAR
- 09LIGHT SWITCH
- 10FULL HEIGHT F.T. PLYWOOD PANELS ON ALL WALLS
- 11SCOPE OF WORK INSTALL AND SUPPLIED BY G.C.
- 12SCOPE OF WORK INSTALL AND SUPPLIED BY FURNITURE VENDOR
- 13ALL OUTLETS DIMENSIONS ADDED THROUGHOUT ALL SHEETS

GENERAL NOTES

LEGEND

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SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

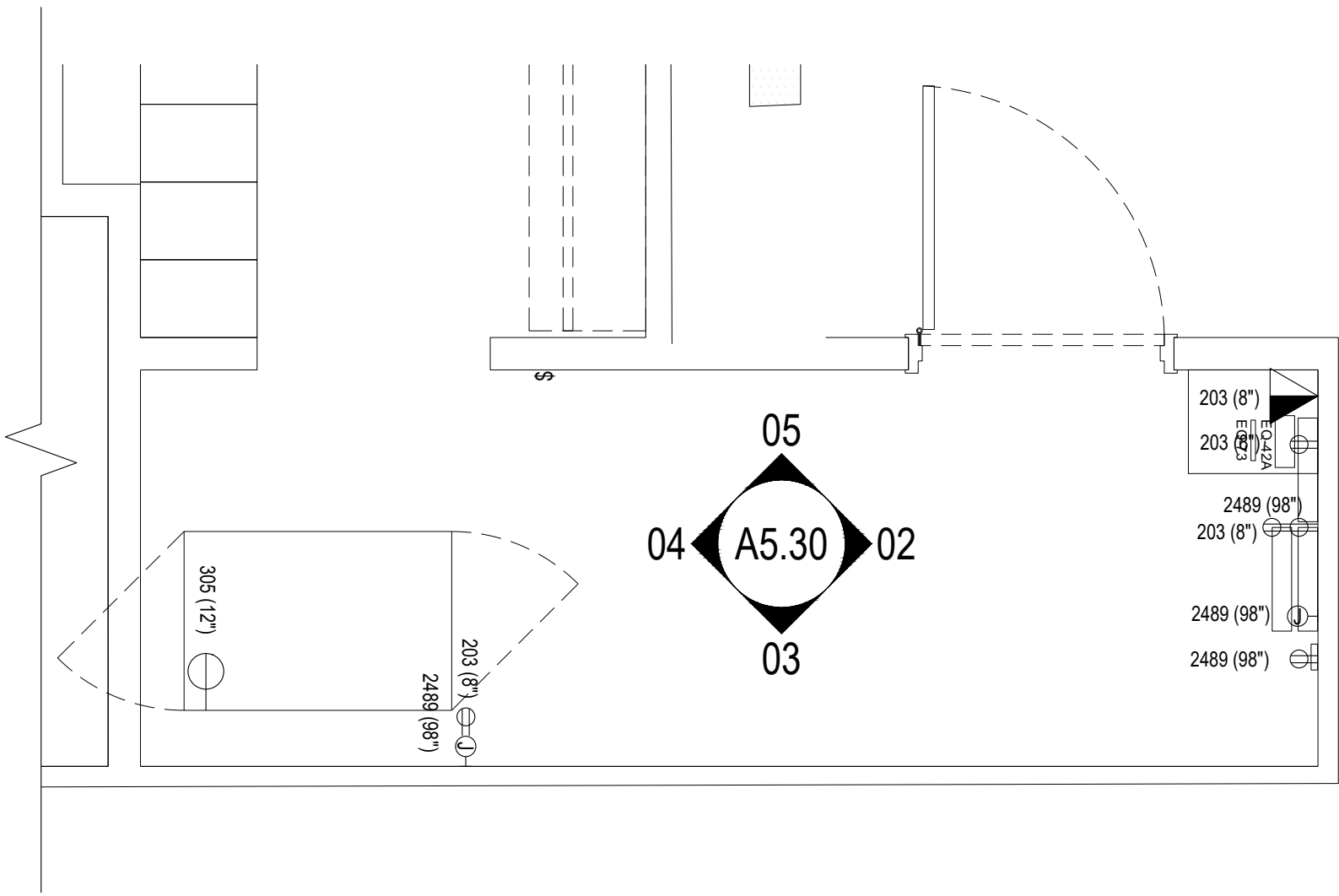
edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON
CHECKED BY: xx

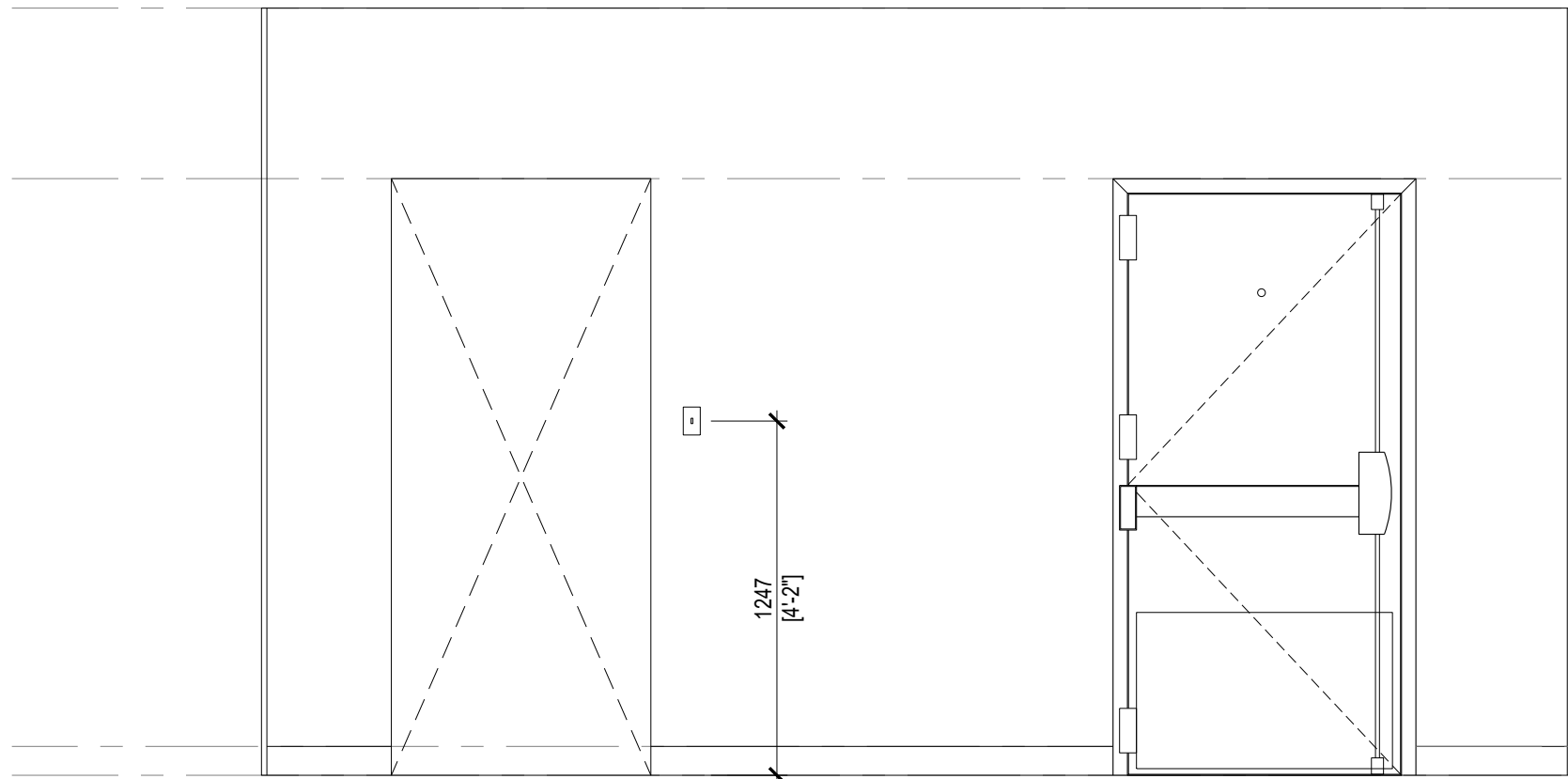
LOCAL ARCHITECT:

SHEET NAME:
IT SECURITY, MANAGER'S
OFFICE INTERIOR
ELEVATIONS

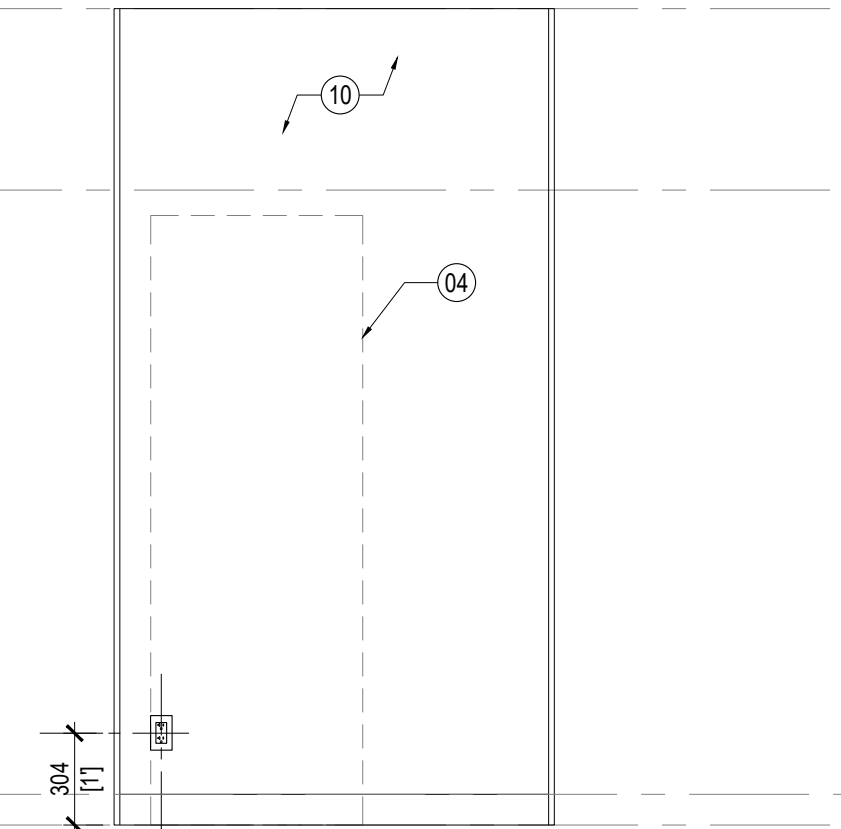
SHEET NUMBER:
A 5.30



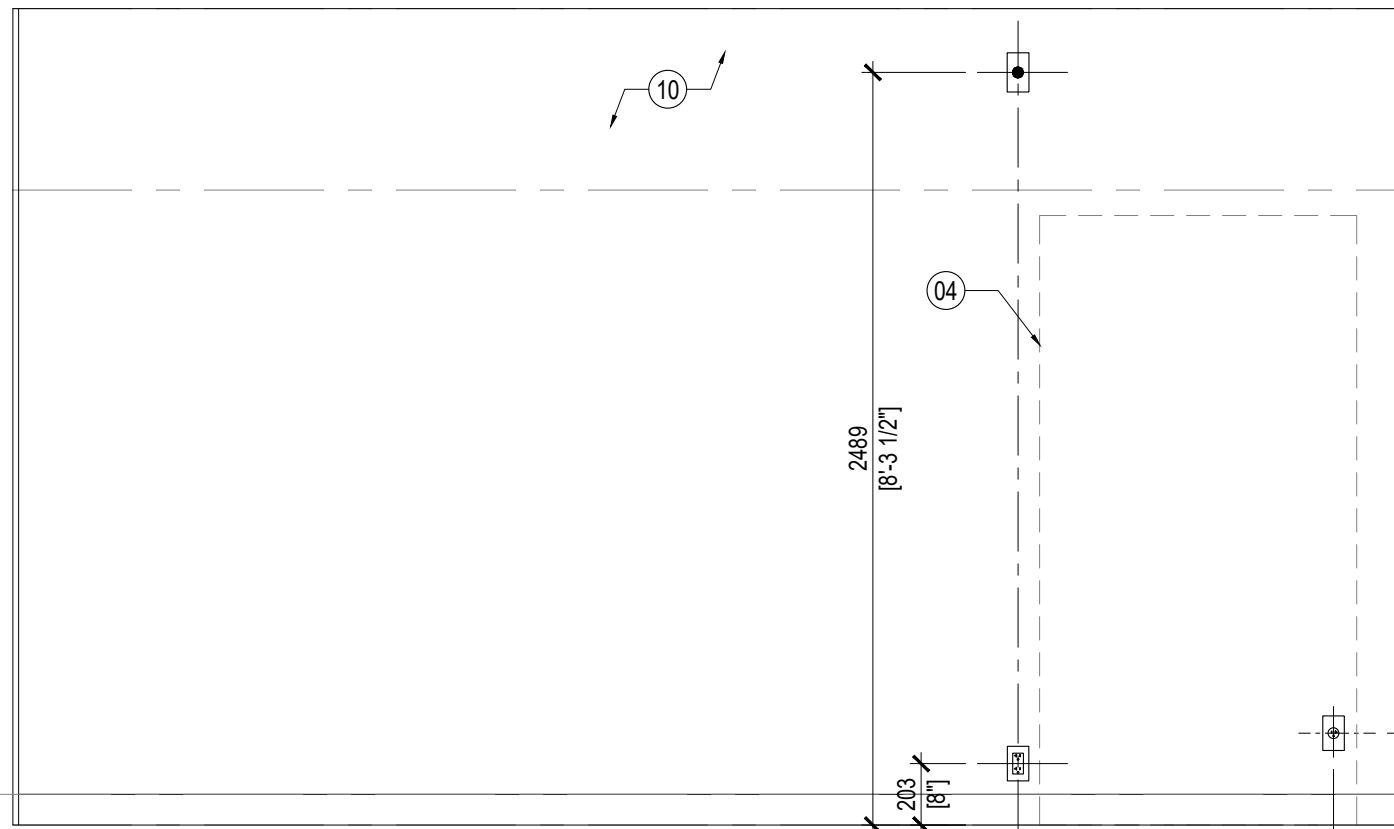
01 PART PLAN @ IT/ SEC. ROOM
1:25



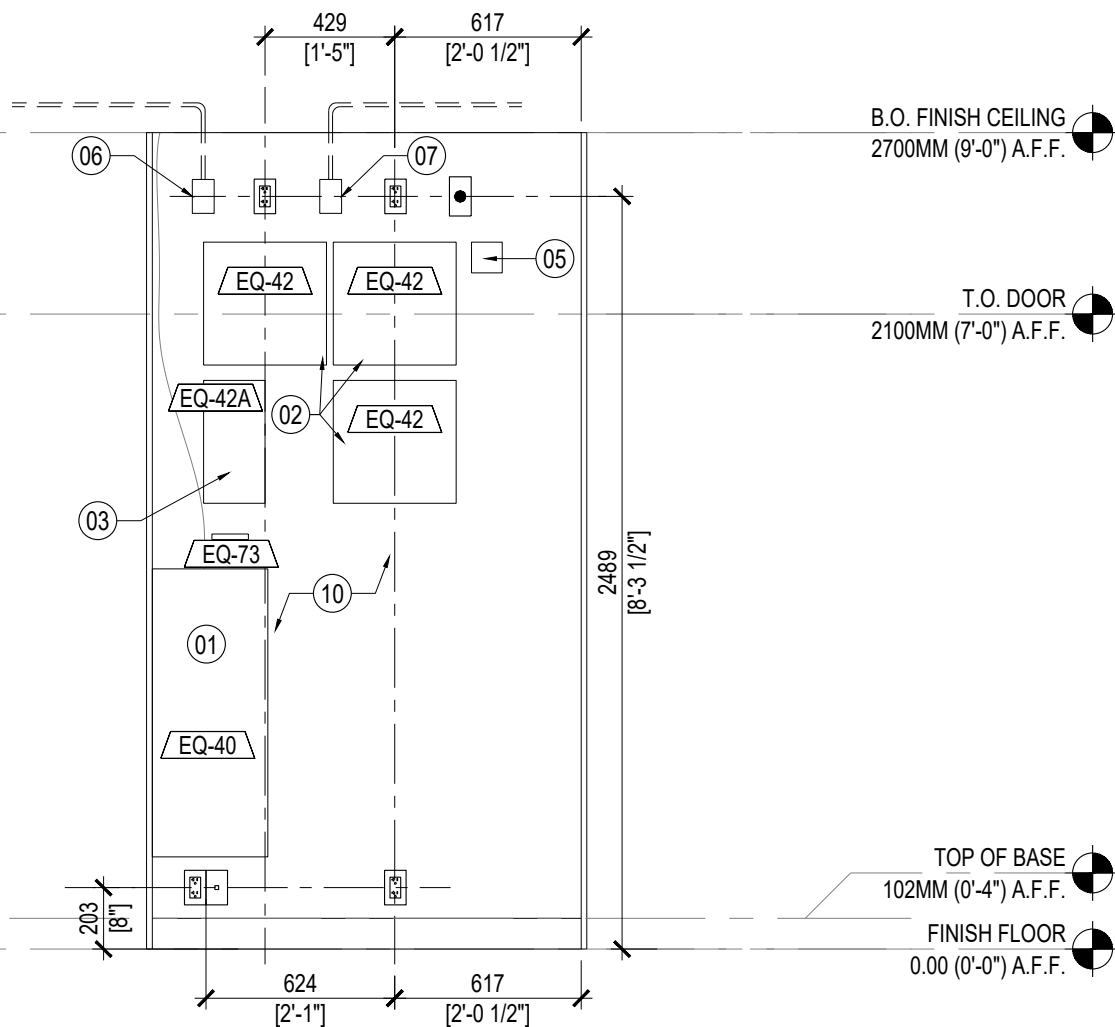
05 INTERIOR ELEVATION@
IT/ SEC. ROOM
1:25



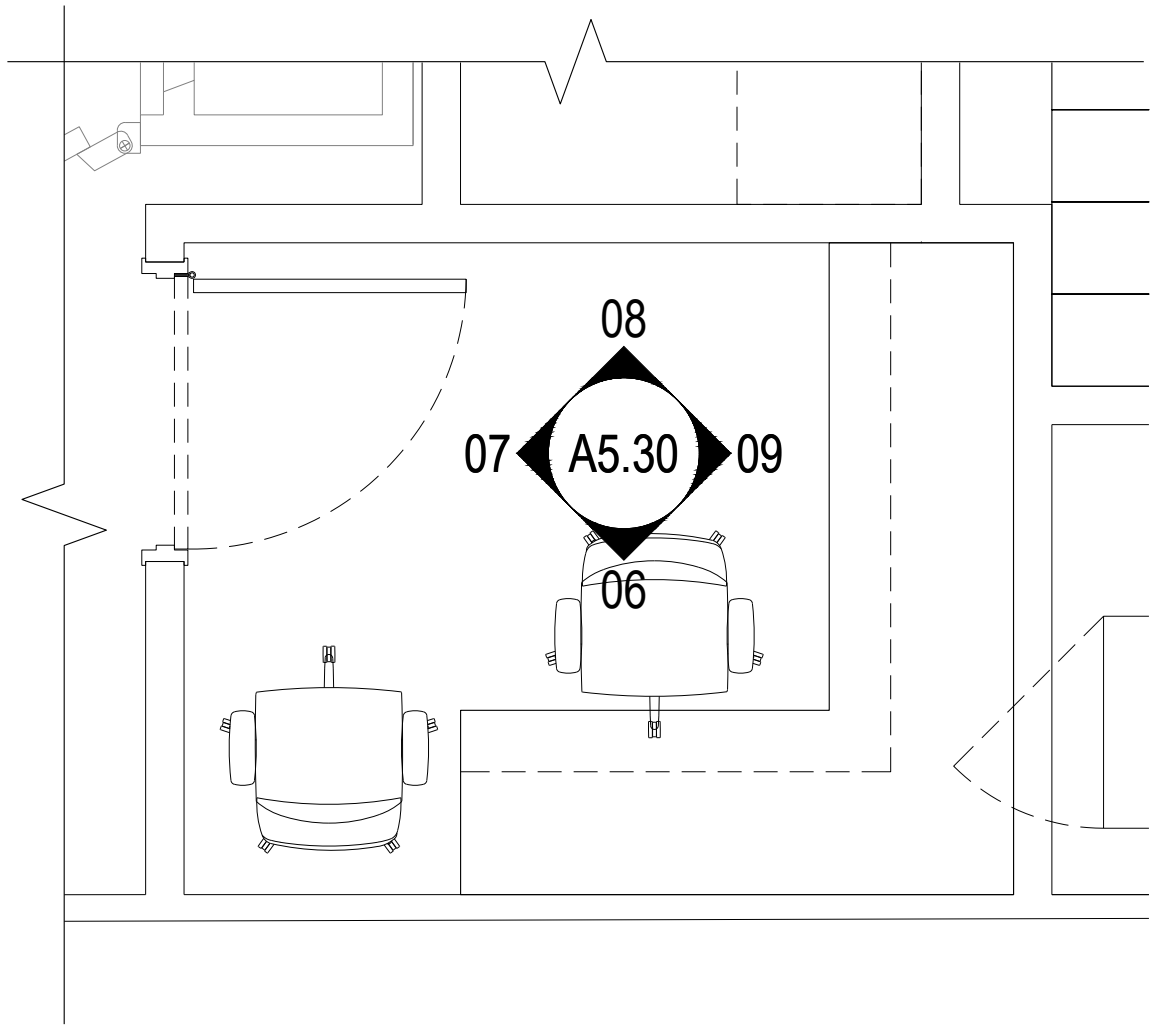
04 INTERIOR ELEVATION@
IT/ SEC. ROOM
1:25



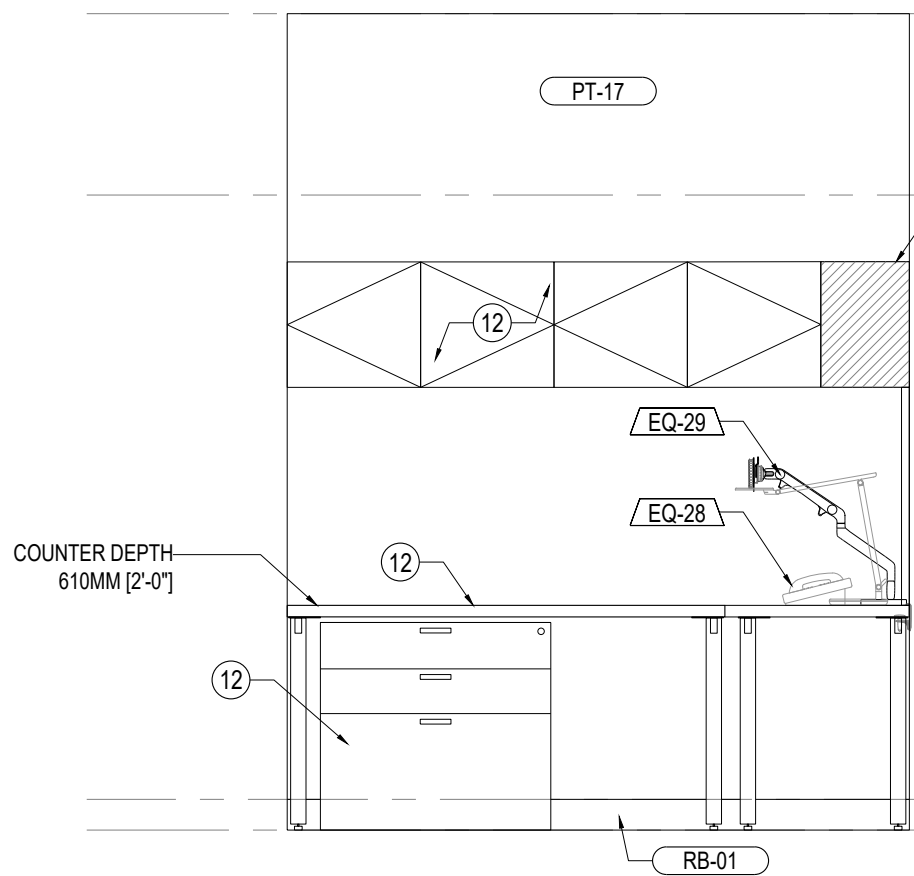
03 INTERIOR ELEVATION@
IT/ SEC. ROOM
1:25



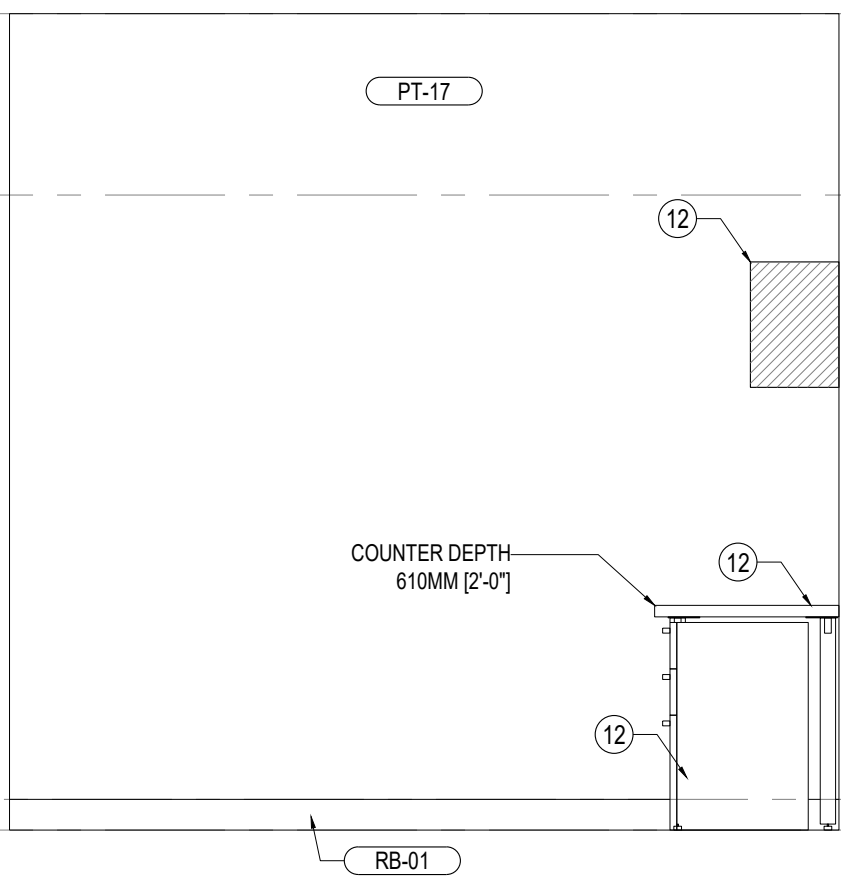
02 INTERIOR ELEVATION@
IT/ SEC. ROOM
1:25



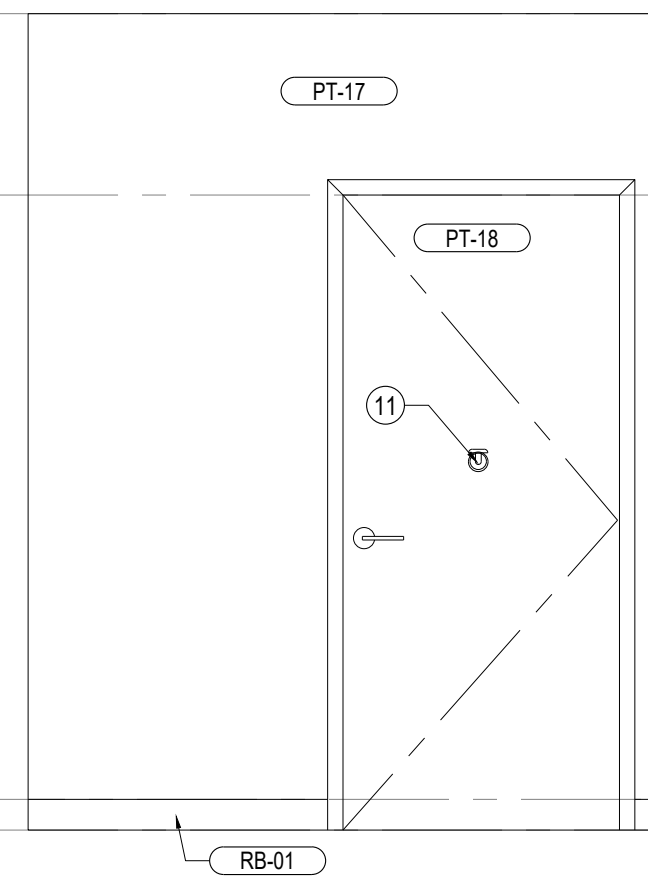
05 PART PLAN @ MANAGER'S OFFICE
1:25



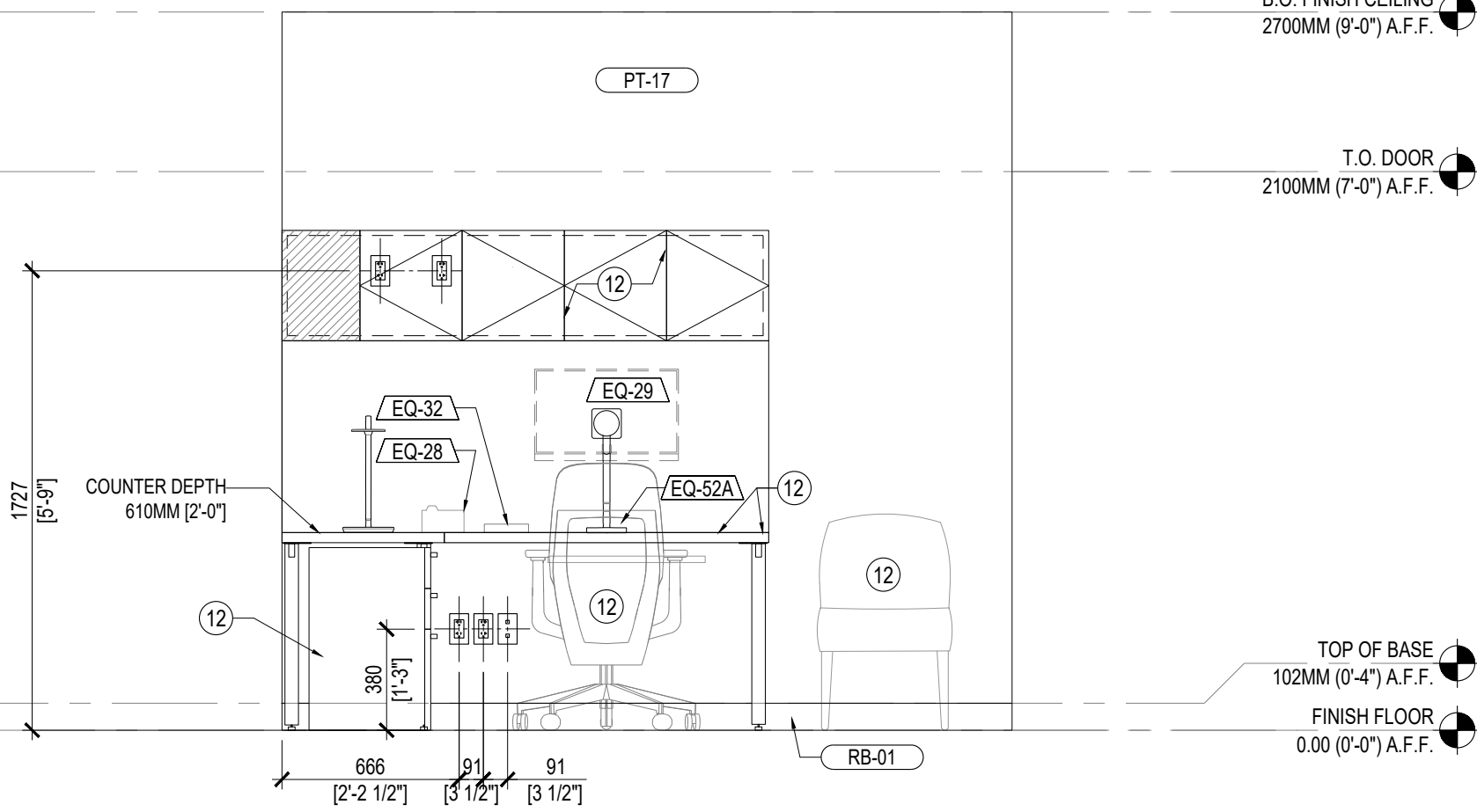
09 INTERIOR ELEVATION
@ MANAGER'S OFFICE
1:25



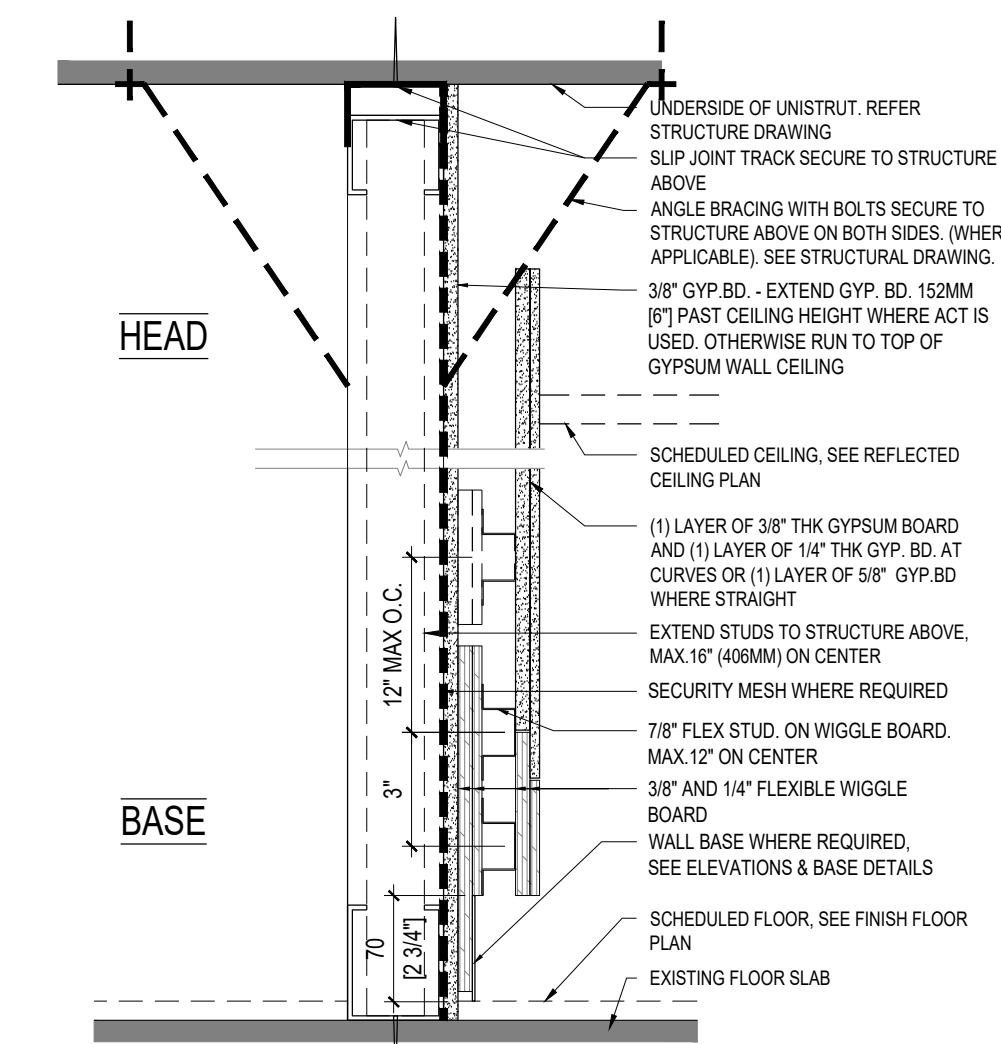
08 INTERIOR ELEVATION
@ MANAGER'S OFFICE
1:25



07 INTERIOR ELEVATION
@ MANAGER'S OFFICE
1:25

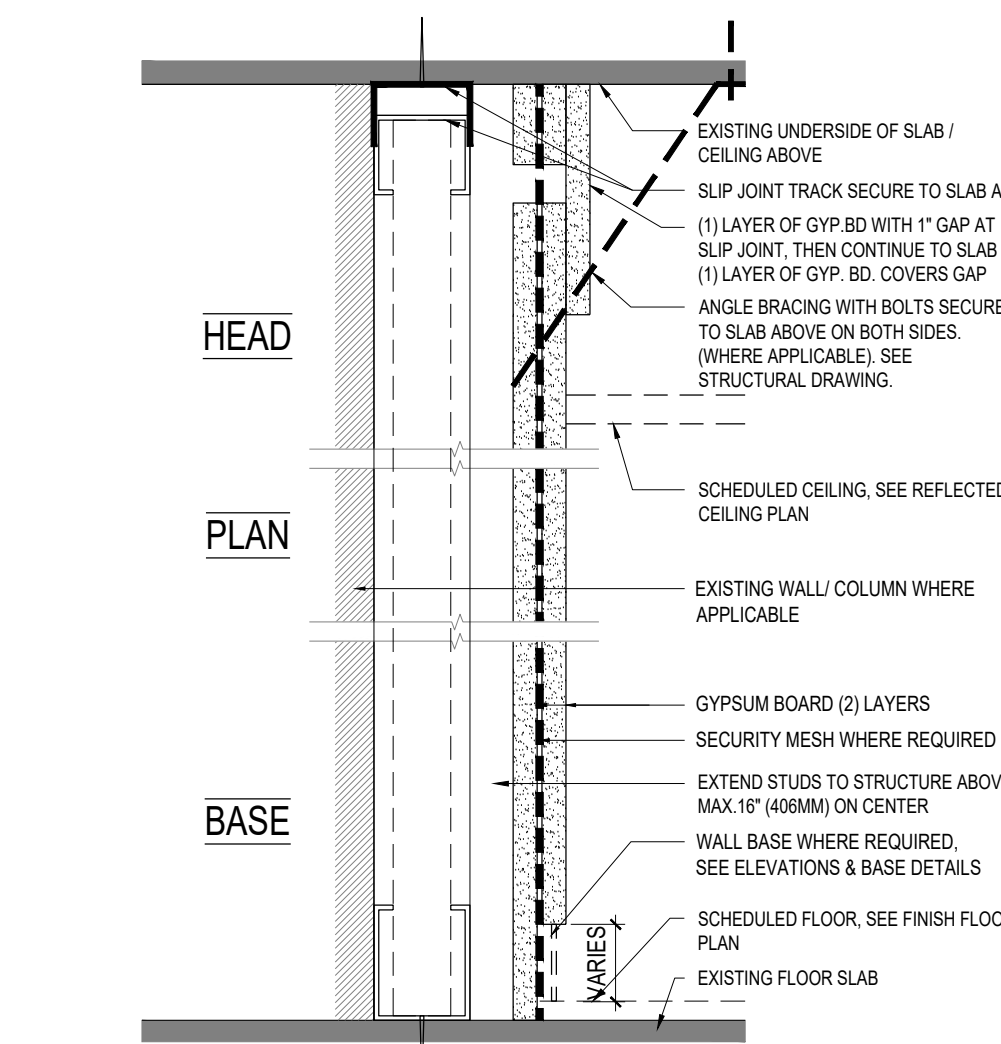


06 INTERIOR ELEVATION
@ MANAGER'S OFFICE
1:25



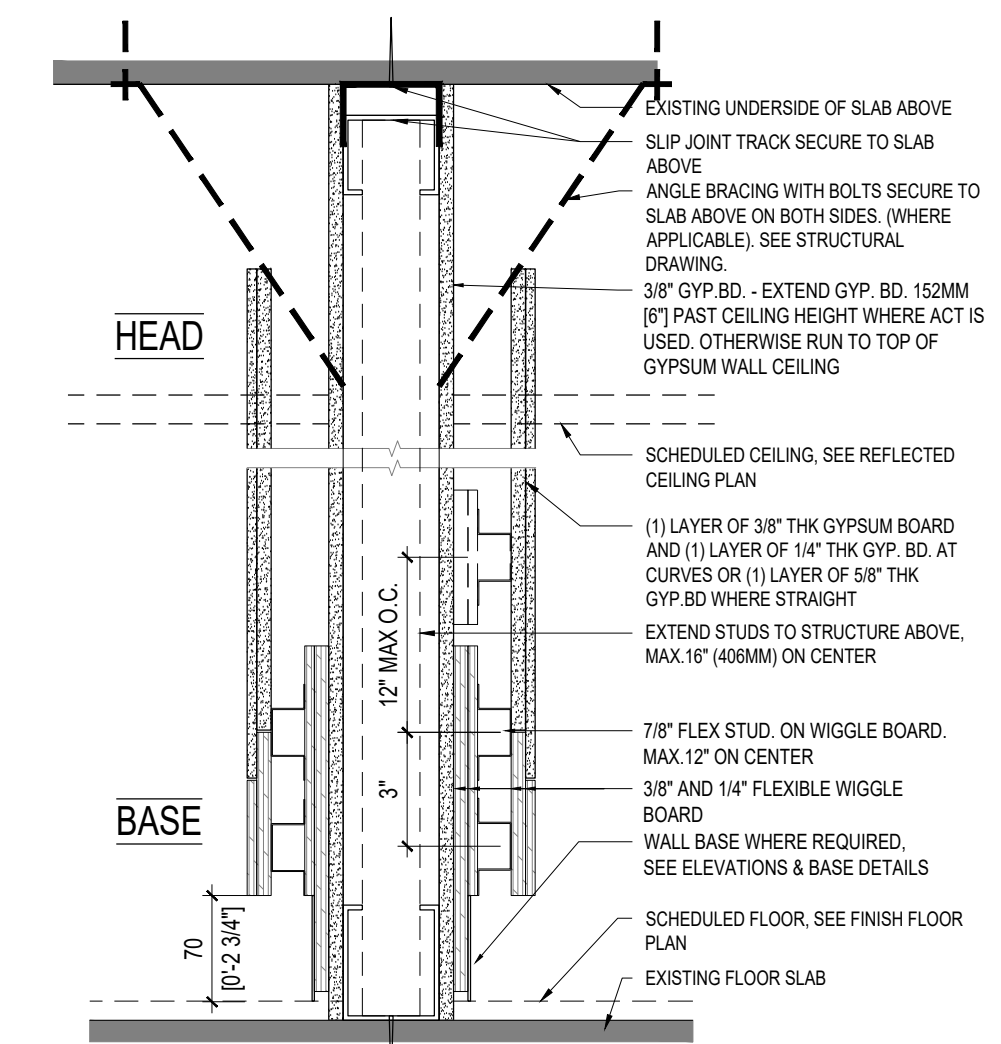
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
E1	1-5/8"	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-1/8"
E2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	5"
E3	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	6-1/4"
E4	6"(152)	14 GAUGE	16" (406) O.C.	5/8" (16)	-	-	8-1/2"

05 PARTITION TYPE E
1:5



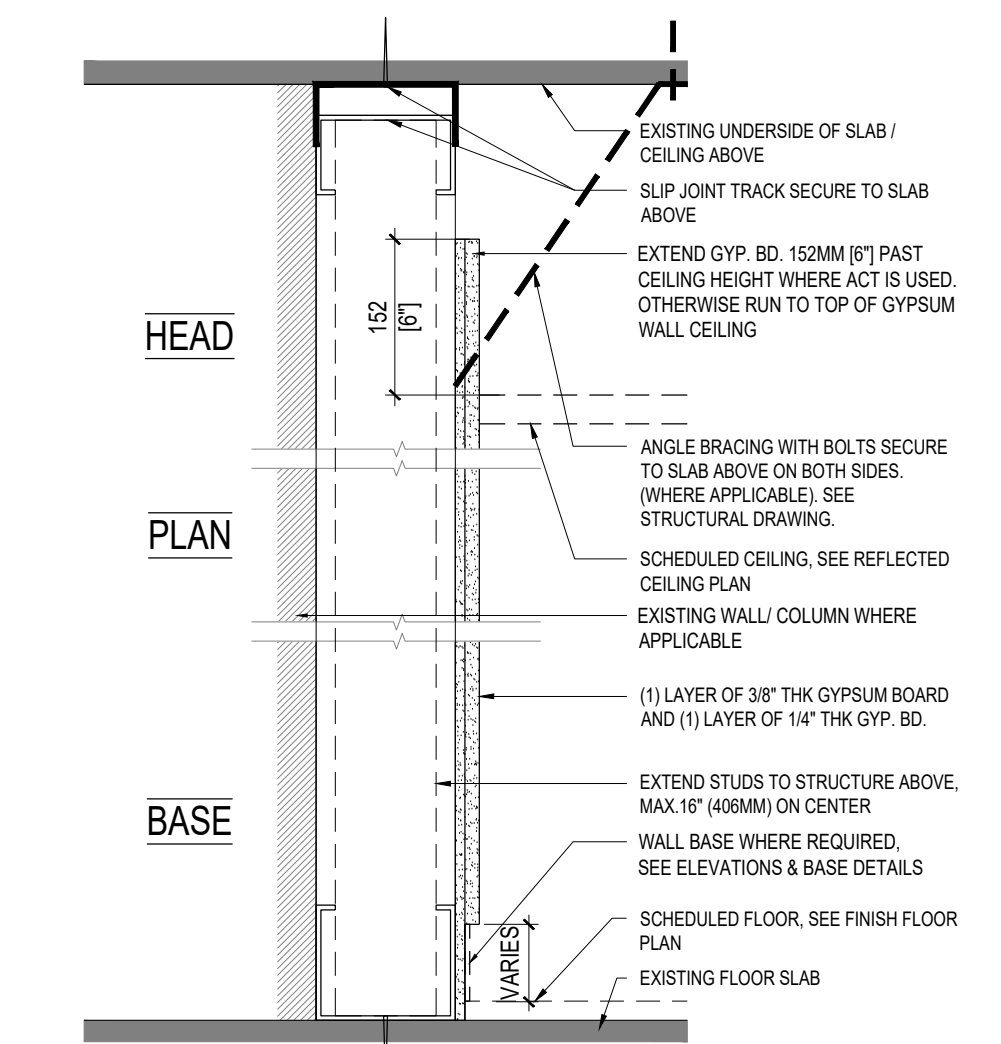
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
D1	1-5/8"	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	2-1/4"
D2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	3-1/8"
D3	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-1/4"
D4	4"(102)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-5/8"
D6	6"(152)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	6-5/8"

04 PARTITION TYPE D
1:5



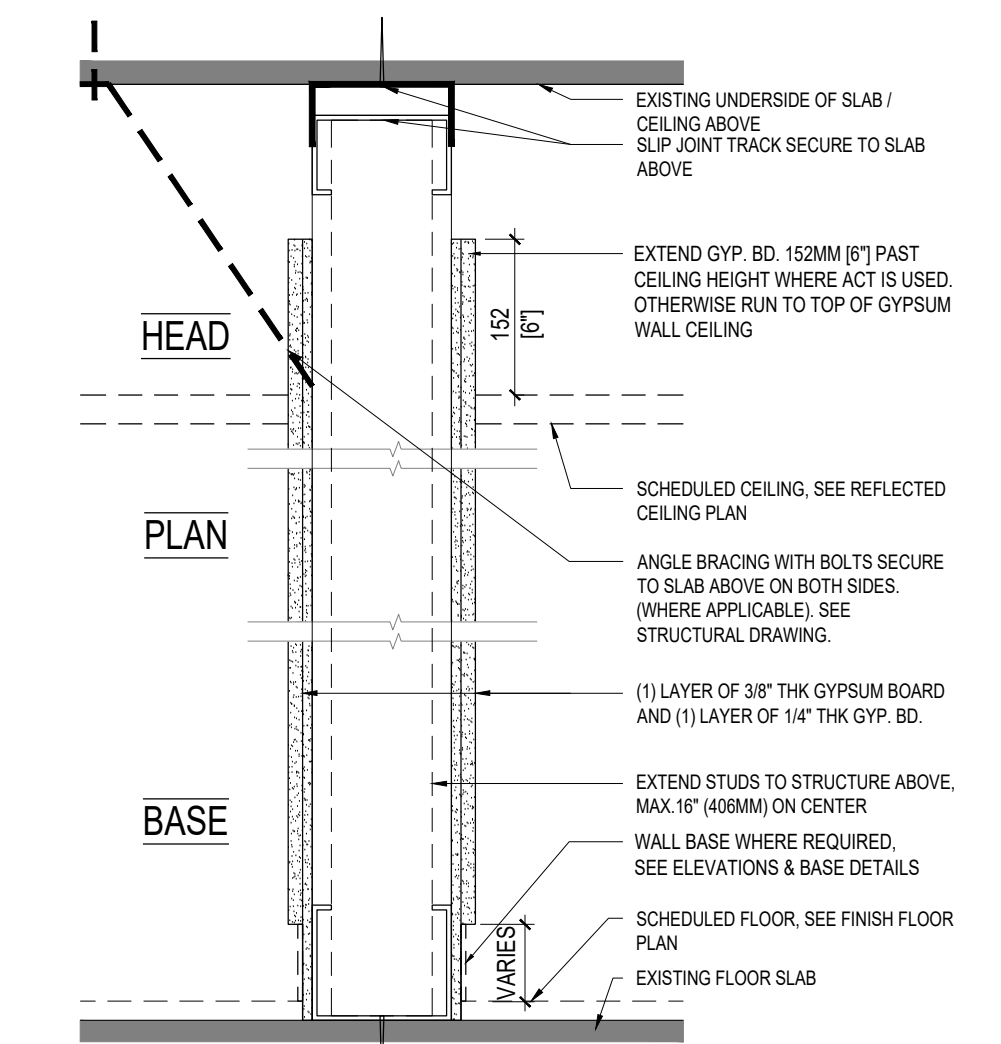
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
C2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	7-1/2"

03 PARTITION TYPE C
1:5



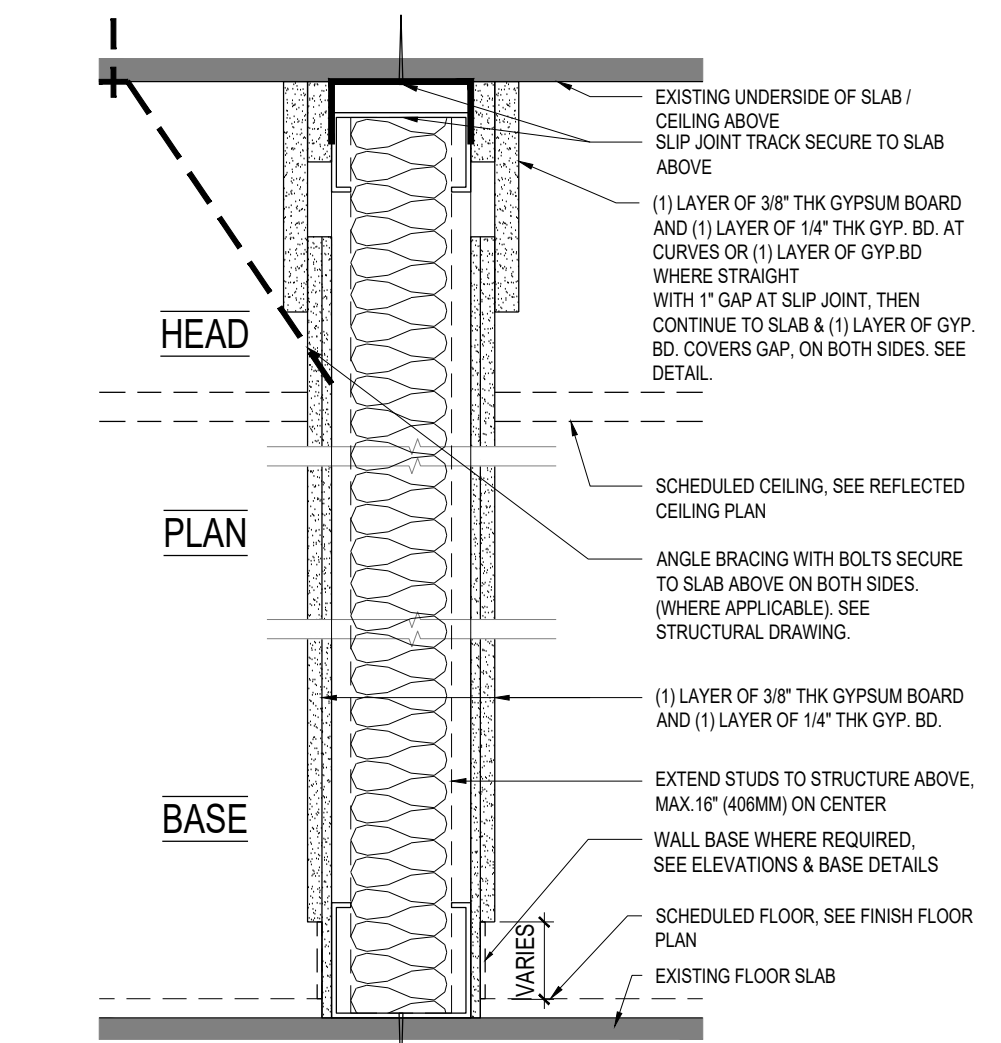
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
B1	1-5/8"	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	2-1/4"
B2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	3-1/8"
B3	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-1/4"
B4	4"(102)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-5/8"
B6	6"(152)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	6-5/8"

02 PARTITION TYPE B
1:5



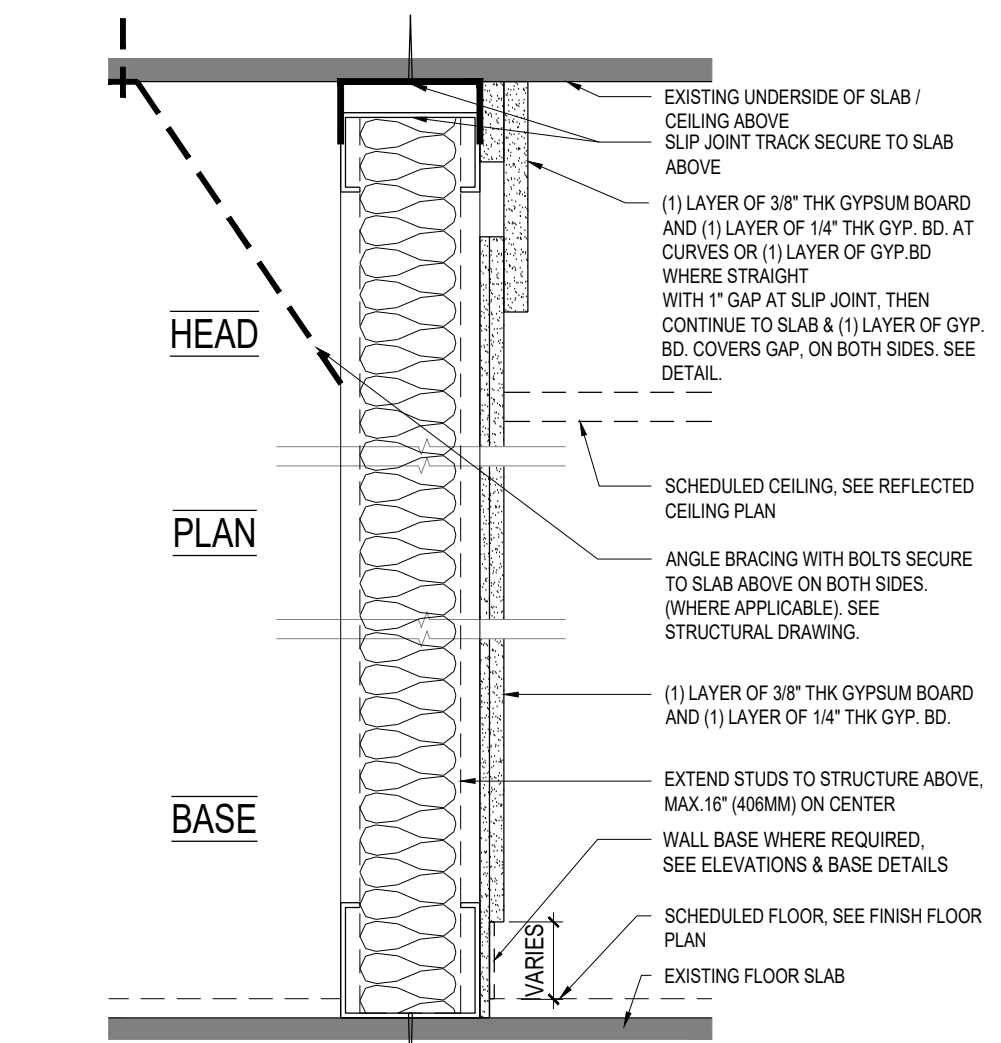
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
A1	1-5/8"	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	2-1/4"
A2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	3-3/4"
A3	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-7/8"
A4	4"(100)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	5-1/2"
A6	6"(152)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	7-1/4"

01 PARTITION TYPE A
1:5



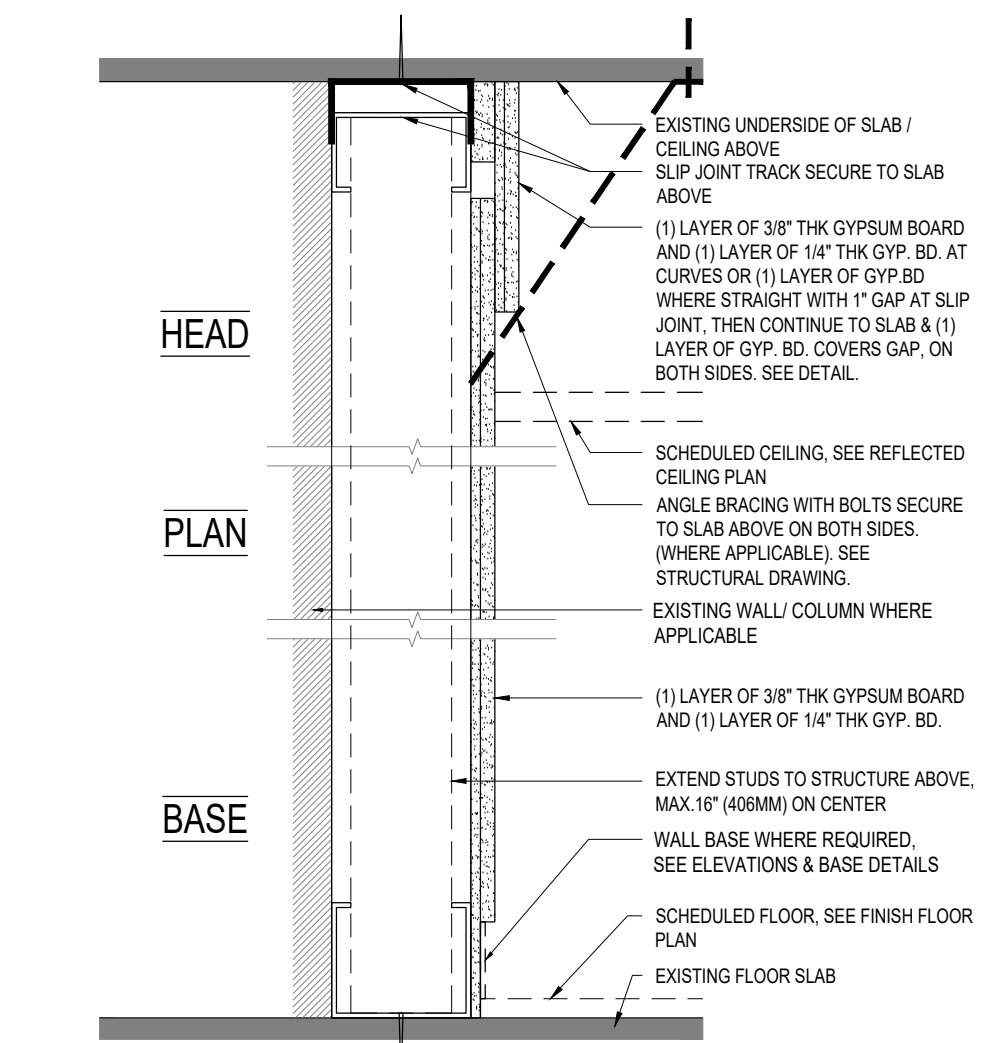
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
R2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	3-1/8"
R3	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-1/4"
R4	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-5/8"
R6	4"(102)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	6-5/8"

10 PARTITION TYPE R
1:5



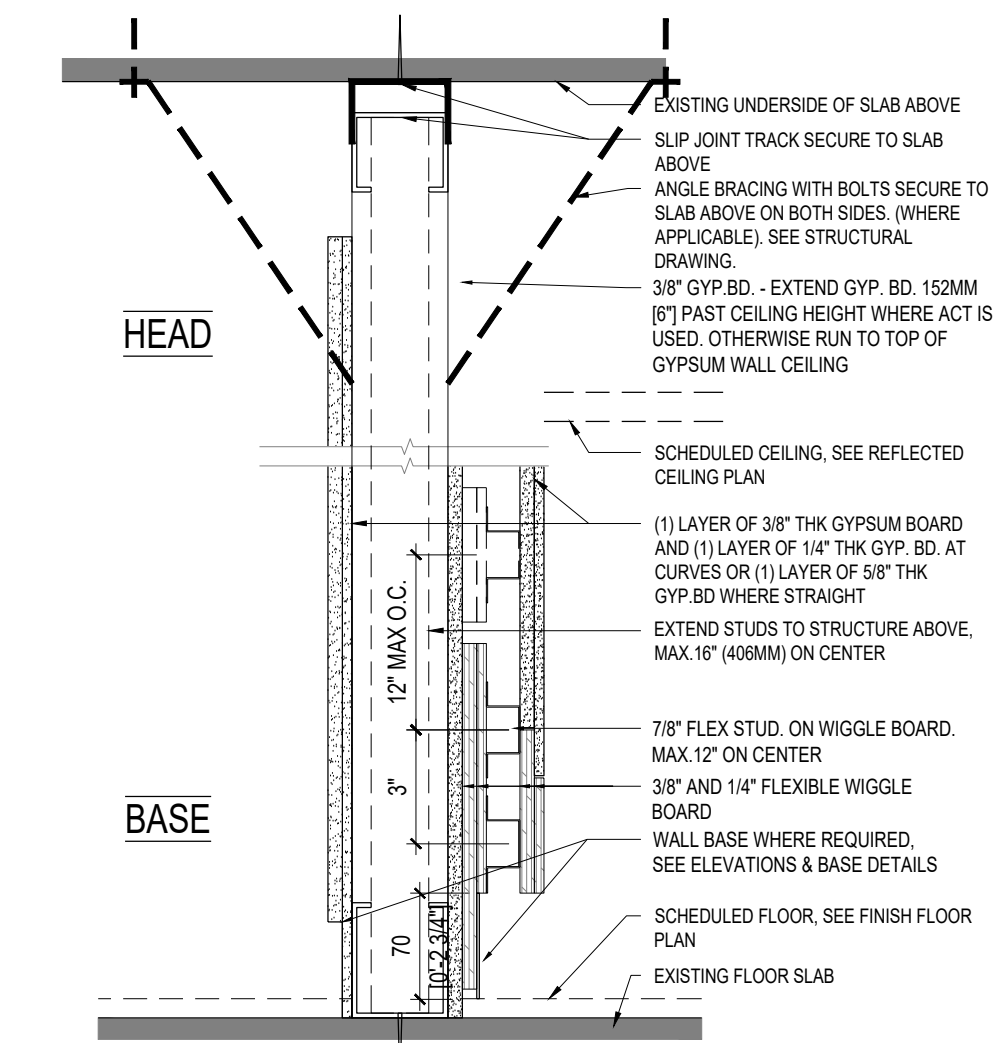
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
K2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	3-1/8"
K3	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-1/4"
K4	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-5/8"
K6	4"(102)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	6-5/8"

09 PARTITION TYPE K
1:5



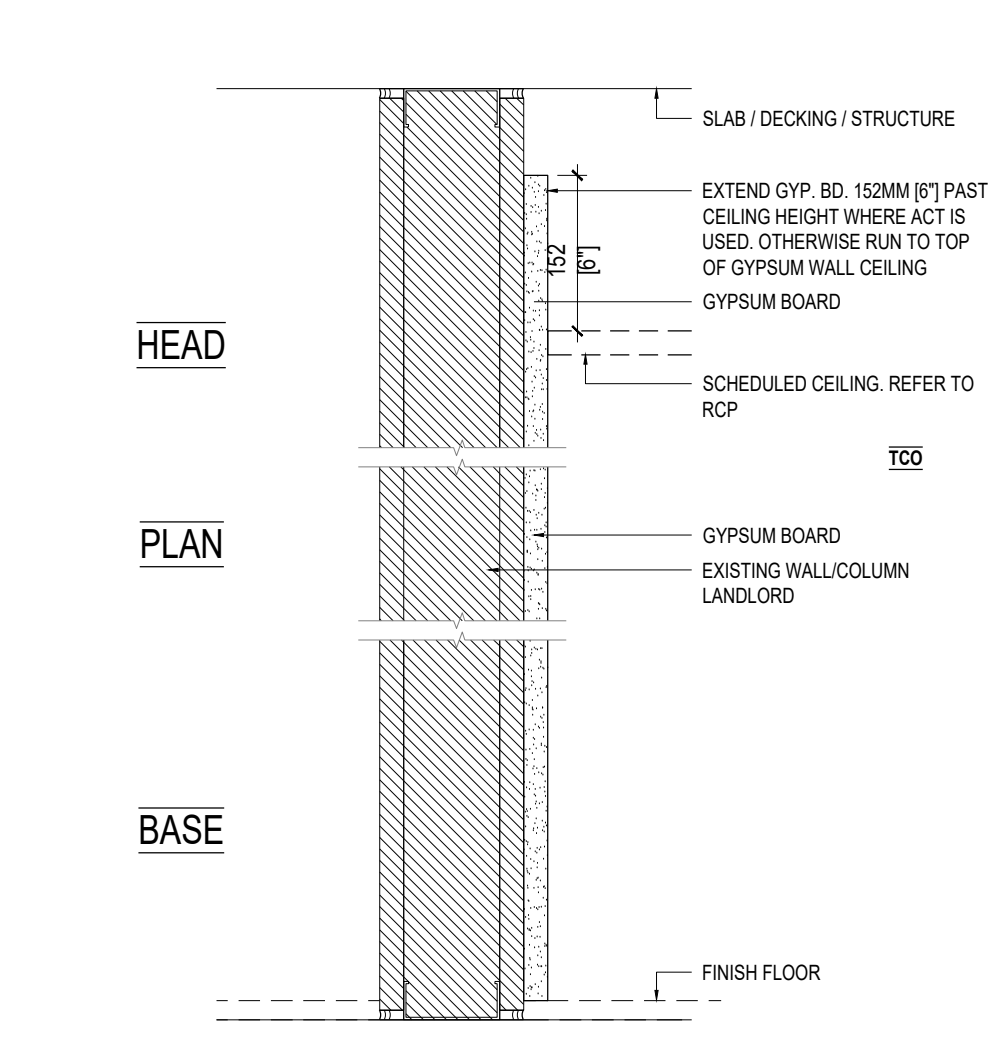
TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
T1	1-5/8"	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	2-1/4"
T2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	3-1/8"
T3	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-1/4"
T6	6"(152)	14 GAUGE	16" (406) O.C.	5/8" (16)	-	-	6-5/8"

08 PARTITION TYPE T
1:5



TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
G1	1-5/8"	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	4-3/4"
G2	2-1/2"(64)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	5-5/8"
G3	3-5/8"(92)	0.0312"(79)	16" (406) O.C.	5/8" (16)	-	-	6-3/4"
G4	6"(152)	14 GAUGE	16" (406) O.C.	5/8" (16)	-	-	9-1/8"

07 PARTITION TYPE G
1:5



TYPE	STUD SIZE	METAL THK	STUD SPACING	GYP BD THK/TYPE	ATTENUATION THICKNESS	STC RATING	WALL WIDTH
F	-	-	-	5/8" (16)	-	-	5/8"

06 PARTITION TYPE F
1:5

GENERAL NOTES

- U.O.N. ALL METAL STUDS TO BE 20GA
- PROVIDE MOISTURE-RESISTANT GYP BD AT ALL PARTITIONS SCHEDULED TO RECEIVE TILE FINISH AND AT ALL WET AREAS SUCH AS TOILET ROOMS, JANITORS CLOSETS, AND WALLS ADJACENT TO PANTRY SINKS
- PROVIDE SIGNED & SEALED STRUCT CALCULATIONS FOR COLD-FORMED STRUCT STUD WALLS SUPPORTING STONE FINISH AS REQUIRED. SEE SPECIFICATIONS AND DETAILS
- PROVIDE APPROPRIATELY RATED UL-APPROVED HEAD OF WALL ASSEMBLY AT ALL RATED PARTITIONS
- REFER TO FINISH SCHEDULE, REFLECTED CEILING PLANS, FINISH PLANS, INTERIOR ELEVATIONS AND DETAILS FOR GYPSUM BOARD LEVEL 5 FINISH
- SOUND TRANSMISSION CLASS (STC) INDICATED ARE NOMINAL LABORATORY TESTED RATINGS WITH 20GA STUDS AT 16" O.C. FIELD PERFORMANCE WILL GENERALLY BE LOWER
- WHERE REQUIRED, PROVIDE STRAPPING AND/OR BLOCKING AT PARTITIONS. BLOCKING LOCATIONS TO BE COORDINATED WITH WALL-MOUNTED ARTWORK, WALL PANEL, MILLWORK, AND CASEWORK. SEE SHEET A7.80 FOR MORE INFORMATION
- PROVIDE (1) LAYER OF 3/4" FINE RATED PLYWOOD ON ITSEC ROOM WALLS, WHERE INDICATED
- SECURE ALL INSULATION AT CAVITY WALLS WITH INSULATION IMPALING CLIPS OR PINS
- SOUND ATTENUATION: PROVIDE SOUND ATTENUATION BLANKETS AT THE FOLLOWING LOCATIONS:
 - NEW DEMISING WALLS
 - EXISTING DEMISING WALLS WITH STUD & GYP. BD. FURRING
 - NEW PARTITIONS AROUND RESTROOMS
- WALLS SEPARATING FRONT OF HOUSE FROM BACK OF HOUSE
- REVEAL BASE: SEE ELEVATIONS AND APPLICABLE DETAILS FOR APPROPRIATE LOCATIONS OF TRIMS
- EXPANDED METAL SECURITY MESH:
 - SECURITY MESH WITHIN DRYWALL PARTITIONS SHALL BE CARBON STEEL PLATED STYLE #8M 50" 13F, SWG NOT TO EXCEED .265". LWD NOT TO EXCEED 12" AS MANUFACTURED BY AMICO (ALABAMA METAL INDUSTRIES CORPORATION), 1.800.366.2642 WWW.AMICO-SECURITYPRODUCTS.COM. NO SUBSTITUTIONS PERMITTED. SUBMIT SAMPLE FOR APPROVAL
 - SECURITY MESH TO BE FASTENED TO STUDS 16" O.C. HORIZONTALLY AND 8" VERTICALLY, USING SECURA CLIP AS MANUFACTURED BY AMICO (ALABAMA METAL INDUSTRIES CORPORATION), 1.800.366.2642 WWW.AMICO-SECURITYPRODUCTS.COM. NO SUBSTITUTIONS PERMITTED. SUBMIT SAMPLE FOR APPROVAL
 - G.C. TO SUPPLY COPIES OF PURCHASE ORDER FOR MESH AND CLIPS TO TCO AS EVIDENCE THAT THE PROPER PRODUCT HAS BEEN UTILIZED FOR THIS PROJECT. PO MUST STATE THE LOCATION FOR WHICH IT HAS BEEN PURCHASED

LEGEND

PARTITION TYPE SUFFIX LEGEND
(XX = PARTITION TYPE)

- XX STUD ONLY, NO GYPSUM BOARD
- XXA SOUND ATTENUATION REQUIRED
- XXB RECESSED BASE REGLET REQUIRED (ON BOTH SIDES OF PARTITION, IF APPLICABLE)
- XXB* RECESSED BASE REGLET REQUIRED ON ONLY ONE SIDE OF PARTITION. SEE ELEVATION FOR ADDITIONAL INFORMATION
- XXAB SOUND ATTENUATION AND RECESSED BASE REGLET REQUIRED (ON BOTH SIDES OF WALL, IF APPLICABLE)
- XXAB* SOUND ATTENUATION AND RECESSED BASE REGLET REQUIRED ON ONLY ONE SIDE OF PARTITION. SEE ELEVATION FOR ADDITIONAL INFORMATION

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

PARTITION TYPES

A 6.00

DOOR, FRAME AND HARDWARE GROUP SCHEDULE

ASSEMBLY			STATUS	TYPE	DOOR					FRAME								ASSEMBLY		HARDWARE SET	REMARKS	SCOPE (SEE NOTE K)
DOOR #	LOCATION FROM	LOCATION TO			OPENING DIMENSIONS					MATERIAL	FINISH	TYPE	DETAILS				FIRE RATING					
					WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH				HEAD	JAMB	SILL							
101	ENTRY	DIAMONDS	NEW	-	2134MM [7'-0"]	3173MM [10'-5"]	51MM [2"]	METAL / GLASS	-	ALUM.	-	-	-	-	-	-	-	SET 1				
102	L&E	VC SALON	NEW	5	1067MM [3'-6"]	2634MM [8'-8 3/4"]	127MM [5"]	MILLWORK	MILLWORK	METAL	MT-102A	SLIDING DOOR	04	A6.15	04	A6.13	04	A6.15	-	SET 10	SINGLE SLIDING DOOR	
103	L&E	VC SALON	NEW	5	914MM [3'-0"]	2634MM [8'-8 3/4"]	127MM [5"]	MILLWORK	MILLWORK	METAL	MT-102A	SLIDING DOOR	04	A6.15	04	A6.13	04	A6.15	-	SET 10	SINGLE SLIDING DOOR	
104	L&E	POS VESTIBULE 2	NEW	2B1	914MM [3'-0"]	3302MM [10'-10"]	51MM [2"]	MILLWORK	MILLWORK	METAL	MT-102A/PT-18	SLIDING DOOR	02	A6.15	02	A6.13	02	A6.15	-	SET 4		
150	ADMIN	BATHROOM	NEW	3B1	914MM [3'-0"]	2134MM [7'-0"]	45MM [1 3/4"]	HOLLOW METAL	PT-18	METAL	PT-18		03	A6.15	03	A6.13	03	A6.15	-	SET 6		
151	MOP SINK	PANTRY	NEW	1A	762MM [2'-6"]	2134MM [7'-0"]	45MM [1 3/4"]	HOLLOW METAL	PT-18	METAL	PT-18		01	A6.15	01	A6.13	01	A6.15	-	SET 13		
152	ADMIN	MANAGERS OFFICE	NEW	3B1	914MM [3'-0"]	2134MM [7'-0"]	45MM [1 3/4"]	HOLLOW METAL	PT-18	METAL	PT-18		03	A6.15	03	A6.13	03	A6.15	-	SET 6		
153	IT ROOM/SEC	EMPTY SPACE	NEW	1B	1003MM [3'-3 1/2"]	2134MM [7'-0"]	45MM [1 3/4"]	HOLLOW METAL	PT-18	METAL	PT-18		02	A6.15	03	A6.13	02	A6.15	45 MIN	SET 7		

DOOR NOTES

1. NO SUBSTITUTION OF DOOR HARDWARE IS PERMITTED WITHOUT SUBMITTAL AND APPROVAL TO TCO.

2. SOME OF THE HARDWARE ITEMS USED ARE NON-STOCK PRODUCTS. ALLOW 6 TO 8 WEEKS LEAD TIME FOR DELIVERY.

3. DURING CONSTRUCTION, ALL LOCKSETS SHALL BE FURNISHED WITH TEMPORARY CONSTRUCTION CORES USING THE A 6-PIN SMALL FORMAT CORE SUPPLIED THROUGH MFS.

4. FINAL PERMANENT CORES SHALL BE KABA PEAKS 6-PIN SMALL FORMAT, COORDINATED AND SUPPLIED BY TCO. TCO PERSONNEL WILL INSTALL THE PERMANENT CORES.

5. COORDINATE ALL EXIT DEVICE AND ELECTRIC STRIKE HARDWARE INSTALLATIONS WITH ELECTRICAL CONTRACTOR. A QUALIFIED LOCKSMITH, APPROVED BY TCO, MUST INSTALL THE EXIT DEVICES.

6. ALL MORTISE LATCHES AND CYLINDRICAL LOCK LEVER CENTER LINES TO BE AT 965MM [38"] A.F.F. REFER TO MFR. TEMPLATES FOR MOUNTING & PREP DETAILS.

7. ALL VIEWERS TO BE AT 1524MM [5'-0"] A.F.F.

8. G.C. TO INSTALL KEY CABINET PROVIDED BY TCO.

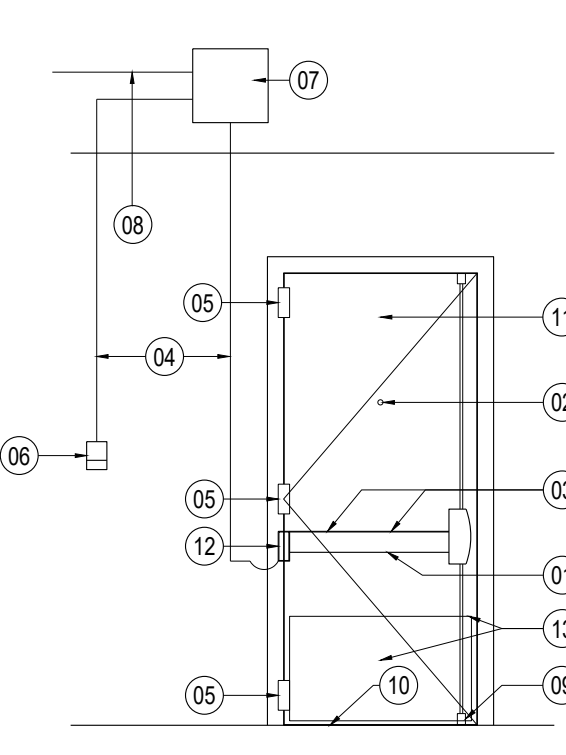
9. ALL EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL KNOWLEDGE.

10. MAXIMUM EFFORT TO OPERATE EXTERIOR HINGED DOORS SHALL NOT EXCEED 8-1/2" POUNDS OF FORCE, AND 5 POUNDS OF FORCE FOR INTERIOR HINGED, SLIDING OR FOLDING DOORS. ALL DOORS AND PIVOTS TO BE ADA COMPLIANT FOR WEIGHT OF DOOR.

11. REFER TO DOOR DETAILS FOR LOCKSETS TO RECEIVE RABBIT KITS AND / OR EXTENDED SPINDLES.

12. ALL HARDWARE SHALL BE PURCHASED BY THE DOOR FABRICATOR FROM THE FOLLOWING DESIGNATED DOOR HARDWARE SUPPLIERS.
- A. ALL REGIONS EXCEPT ASIA:
DIVISION 8 SPECIALTY HARDWARE INC.
183 BROADWAY, SUITE 310
HICKSVILLE, NEW YORK 11801
ATTN: DAVE AKINS
TEL: 888.212.3874
CELL: 516.312.8745
EMAIL: DAKINS@D8SH.COM

DELIVERY/EGRESS DOOR KEYED NOTES:

- 
- GENERAL NOTES:

1. EXTERIOR DOOR RELEASE IS 'FAIL-SECURE'. IN EVENT OF LOSS OF POWER, DOOR WILL REMAIN LOCKED FROM EXTERIOR SIDE.

2. DOOR WILL RELEASE FROM INTERIOR SIDE BY OPERATION OF PANIC BAR.

3. ELECTRONIC HARDWARE IS FOR ENTRY USE ONLY. STANDARD PANIC BARS ARE USED FOR EGRESS. NO SPECIAL KNOWLEDGE OF USE IS REQUIRED. NO ELECTRIC RELEASE OR TIME DELAYS ARE INSTALLED ON THIS DOOR.

4. REFER TO HARDWARE SETS ON THIS SHEET.

SHEET NOTES:

01 3 POINT LOCKING PANIC DEVICES, WITH SURFACE BOLT, ELECTRIC UNLOCK FEATURE, EXTERIOR LEVER TRIM WITH 6 PIN INTERCHANGEABLE CORE CYLINDER AND SECURITY ASTRAGAL, INSTALLED BY CERTIFIED LOCKSMITH. DOOR TO BE FACTORY PREPPED TO ACCEPT VON DÜRPIN HARDWARE AND WIRED BY ELECTRICAL CONTRACTOR.

02 DOOR SPY VIEWER, DS-6, IVES U698 VIEWER, FURNISHED BY DOOR HARDWARE SUPPLIER 1504MM [60"] A.F.F.

03 (2) 18 GA. WIRING IN DOOR BETWEEN POWER TRANSFER AND LEVER RELEASE DEVICE. WIRING FURNISHED AND INSTALLED BY ELECTRICAL CONTRACTOR.

04 (2) 18 GA. 2 CONDUCTOR WIRES BY ELECTRICAL CONTRACTOR. ALL WIRING SHALL RUN IN FLEXIBLE CONDUIT CONCEALED IN WALLS OR ABOVE CEILINGS.

05 BUTT HINGES WITH NON-REMOVABLE PINS. STANLEY #FBB 199 x 4.5 x NRP.

06 APHONE INTERCOM W/DOOR RELEASE BUTTON, INSTALLED BY ELECTRICAL CONTRACTOR AT 1215MM [48"] A.F.F. IN LOCATION SHOWN ON POWER PLAN.

07 POWER SUPPLY UNIT: VD (24V DC/AC 1 AMP) FURNISHED BY DOOR HARDWARE SUPPLIER. INSTALLED BY ELECTRICAL CONTRACTOR. LOCATE ABOVE HUNG CEILING ON SECURE SIDE OF DOOR IN LOCATION INDICATED ON POWER PLAN.

08 110 AMP DEDICATED POWER CONNECTION BROUGHT TO POWER SUPPLY UNIT BY ELECTRICAL CONTRACTOR.

09 RECESSED STRIKE (VD).

10 PEMKO 200 54V-914MM [38"] ALUMINUM THRESHOLD W/VINYL SEALS.

11 DOOR W/FRAME SHALL BE 14 GA. STEEL. FRAME SHALL BE WELDED.

12 VON DÜRPIN MORTISED POWER TRANSFER DEVICE.

13 ROD/LATCH GUARD.

GENERAL NOTES

A. REFER TO CONSTRUCTION PLAN FOR HAND OF DOOR.

B. FABRICATE AND INSTALL WORK IN STRICT ACCORDANCE WITH APPLICABLE CODES AND REGULATIONS. ORIGINAL DESIGN, FINAL SHOP DRAWINGS AND MANUFACTURER'S RECOMMENDATIONS, ANCHORING ALL COMPONENTS FIRMLY IN POSITION FOR LONG LIFE UNDER HEAVY USE.

C. PROVIDE CUT-OUTS, REINFORCEMENTS, ANCHORS AND FASTENERS FOR ALL HARDWARE IN ALL DOORS AND FRAMES AS PER MANUFACTURER'S SPECIFICATIONS.

D. DOORS & FRAMES CALLED FOR TO BE PAINTED SEMI-GLOSS FINISH U.O.N.

E. ALL DOORS SHALL HAVE UNDERCUTS OF 1'4" A.F.F. UNLESS OTHERWISE NOTED. VERIFY ANY VARIATIONS OF UNDERCUT DIMENSION WITH ARCHITECT.

F. SHOP DRAWINGS AND HARDWARE SPECIFICATIONS AND SCHEDULE SHALL BE SUBMITTED FOR REVIEW AND APPROVAL BY THE ARCHITECT.

G. ALL SOW DOORS AND FRAMES SHALL BE SHOP MACHINED TO RECEIVE HARDWARE. HARDWARE SUPPLIED SHALL PROVIDE CUTS AND/OR ACTUAL HARDWARE ITEMS TO HOLLOW METAL FRAME FABRICATOR PRIOR TO MACHINING OF FRAMES.

H. ALL HARDWARE FINISHES TO BE US2B0 (SATIN CHROME PLATED) U.O.N.

I. KEYING ON ALL DOORS TO BE VERIFIED WITH OWNER.

J. SEE SHEET A6.21 FOR HARDWARE GROUPS AND SPECIFICATIONS

K. CONTRACTOR SCOPE:
GC: GENERAL CONTRACTOR
PM/VC: PERIMETER MILLWORK CONTRACTOR
AMG: ARCHITECTURAL METAL AND GLASS CONTRACTOR

EACH OF THE ABOVE CONTRACTORS SHALL BE RESPONSIBLE FOR ORDERING HARDWARE FOR THE DOORS UNDER THEIR SCOPE AND COMPLETE SUBMITTAL INCLUDING HARDWARE SCHEDULE AND CUT SHEETS.

L. SEE FINISH SCHEDULE FOR FINISHES INDICATED IN DOOR SCHEDULE.

M. ALL LATCHES TO BE @ 965MM [3'-2"] A.F.F.

N. DOORS SCHEDULED TO BE WOOD. DOORS WITH PAINT FINISH, CAN BE HOLLOW METAL DOORS AT G.C.'S OPTION. EXCEPT DOORS TO AND FROM DELIVERY VESTIBULE.

O. HM FRAMES SHALL BE 16 GA. 1MM [0.053"] KNOCK DOWN STEEL FRAMES W/ CONCEALED FASTENINGS.

P. HM DOORS SHALL BE 18 GA. 1MM [0.042"] FACES, LEVEL 2 PERFORMANCE LEVEL B (HEAVY DUTY) MODEL 2, SEAMLESS

Q. WOOD DOORS SHALL BE:
44MM [1-3/4"] THICK SOLID CORE (PAINT GRADE)

CORE:
PARTICLE BOARD, GRADE LD-2 BLOCKING;
SOLID WOOD 127MM [5"] TOP, BOTTOM, MIDDLE AND EDGE RAILS FACES. ANY CLOSED GRAIN HARDWOOD AT MILL'S OPTIONS

R. ALL EXTERIOR AND INTERIOR DOORS TO AND FROM DELIVERY VESTIBULE SHALL BE:
FRAMES:
14 GA. 2MM [0.067"] WELDED STEEL FRAMES WITH CONCEALED FASTENERS
DOORS:
14 GA. 2MM[0.067"] FACES, LEVEL 3, PERFORMANCE LEVEL A (EXTRA HEAVY DUTY) MODEL 2, SEAMLESS

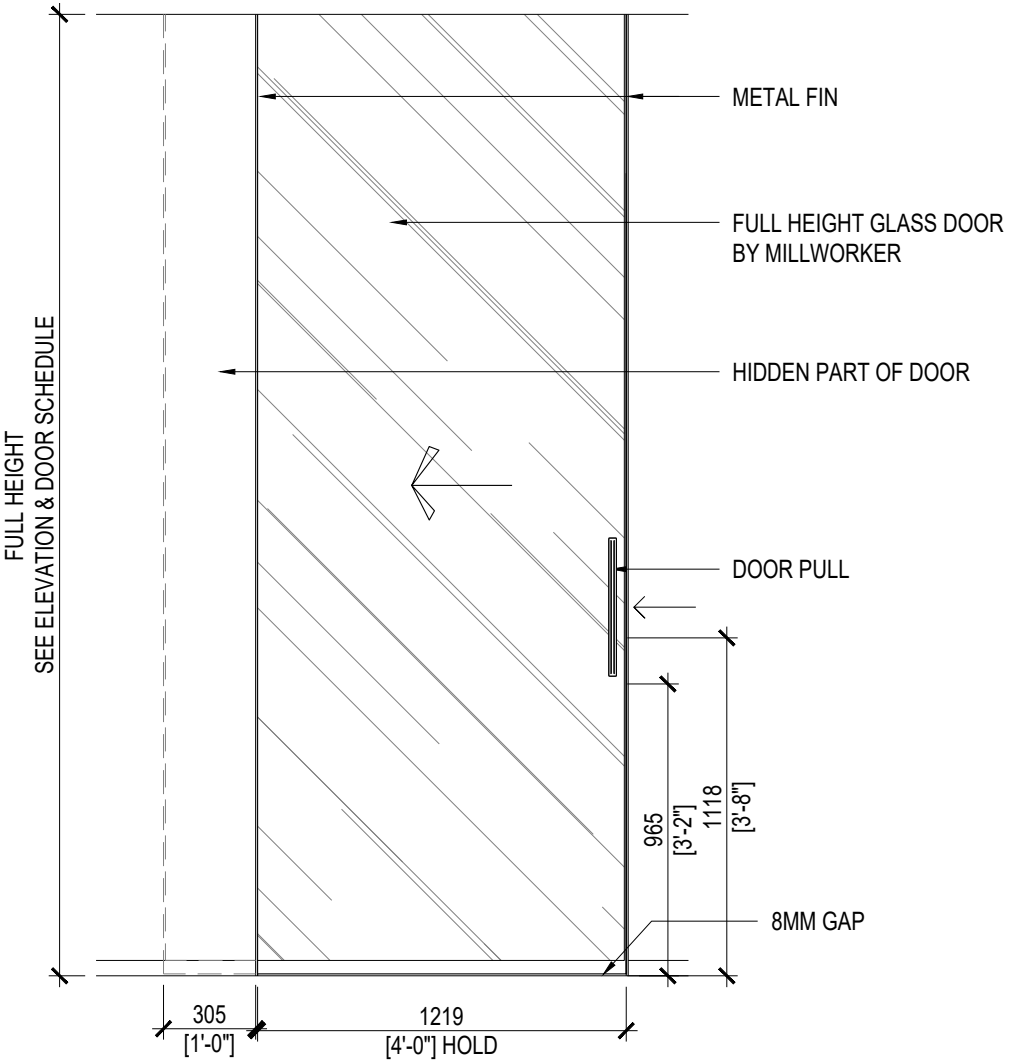
S. PROVIDE EXTRA LONG STRIKE FOR METAL FRAME DOORS. COORDINATE W/ MILLWORK SHOP DRAWINGS PRIOR TO ORDERING HARDWARE

INTERIOR DOOR HARDWARE SCHEDULE

HARDWARE SET #01																								
WHERE TYPICALLY USED:			MAIN ENTRANCE DOORS (PAIR)			101																		
QTY/DESC:		MANUFACTURER		FINISH					QTY/DESC:		MANUFACTURER		FINISH						QTY/DESC:		MANUFACTURER		FINISH	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
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TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
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TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
TBD		TBD		TBD					TBD		TBD		TBD						TBD		TBD		TBD	
NOTES:																								
WHERE TYPICALLY USED:			SINGLE SWING DOOR, SALES AREA TO F&B MEANS OF EGRESS																					
QTY/DESC:		MANUFACTURER		FINISH					QTY/DESC:		MANUFACTURER		FINISH						QTY/DESC:		MANUFACTURER		FINISH	
(4) STANDARD W/ HINGE		BEST-HL FBB199 5 X 4.5 X NRP		US200					(4) STANDARD W/ HINGE		BEST-HL FBB199 5 X 4.5 X NRP		US200						(4) STANDARD W/ HINGE		BEST-HL FBB199 5 X 4.5 X NRP		US200	
(1) PASSAGE LATCH/SET		YALE T896-B6HRL X 2PK X 2816 X 1-1/4" STRIKE/LTC		626					(1) PASSAGE LATCH/SET		YALE T896-B6HRL X 2PK X 2816 X 1-1/4" STRIKE/LTC		626						(1) PASSAGE LATCH/SET		YALE T896-B6HRL X 2PK X 2816 X 1-1/4" STRIKE/LTC		626	
(1) CONGLD CLOSER		DORMA T896-25-N40		669					(1) CONGLD CLOSER		DORMA T896-25-N40		669						(1) CONGLD CLOSER		DORMA T896-25-N40		669	
(3) SILENCERS		IVES SR64		US200					(3) SILENCERS		IVES SR64		US200						(3) SILENCERS		IVES SR64		GRAY	
(1) GASKET (ALL AROUND FRAME)		PEMKO AM89- LENGTH AS REQ'D		GRAY					(1) GASKET (ALL AROUND FRAME)		PEMKO AM89- LENGTH AS REQ'D		GRAY						(1) GASKET (ALL AROUND FRAME)		PEMKO AM89- LENGTH AS REQ'D		GRAY	
NOTES:																								
WHERE TYPICALLY USED:			SINGLE SWING DOOR, BOH TO BOH																					
QTY/DESC:		MANUFACTURER		FINISH					QTY/DESC:		MANUFACTURER		FINISH						QTY/DESC:		MANUFACTURER		FINISH	
(2) H/VT HINGES		BEST-HL FBB199 5 X 4.5 X NRP		US200					(2) H/VT HINGES		BEST-HL FBB199 5 X 4.5 X NRP		US200						(2) H/VT HINGES		BEST-HL FBB199 5 X 4.5 X NRP		US200	
(1) ELEC H/VT W/ HINGE		BEST-HL CE-64 FBB199 5 X 4.5 NRP		US200					(1) ELEC H/VT W/ HINGE		BEST-HL CE-64 FBB199 5 X 4.5 NRP		US200						(1) ELEC H/VT W/ HINGE		BEST-HL CE-64 FBB199 5 X 4.5 NRP		US200	
(1) ELEC 3-POINT LOCK F&B SECURE SURFACE MTD INSIDE (CARD ACCESS OR KEY)		SECURITCH AB08K-603-D18-NB-RC1		630					(1) ELEC 3-POINT LOCK F&B SECURE SURFACE MTD INSIDE (CARD ACCESS OR KEY)		SECURITCH AB08K-603-D18-NB-RC1		630						(1) ELEC 3-POINT LOCK F&B SECURE SURFACE MTD INSIDE (CARD ACCESS OR KEY)		SECURITCH AB08K-603-D18-NB-RC1		630	
(1) STRIKE KIT FOR HINGING OR		SECURITCH ABM-SU RH		630					(1) STRIKE KIT FOR HINGING OR		SECURITCH ABM-SU RH		630						(1) STRIKE KIT FOR HINGING OR		SECURITCH ABM-SU RH		630	
(1) SPIC MORTISE CYL		SCHLAGE BO 100 X 108 STRAIGHT CAM		626					(1) SPIC MORTISE CYL		SCHLAGE BO 100 X 108 STRAIGHT CAM		626						(1) SPIC MORTISE CYL		SCHLAGE BO 100 X 108 STRAIGHT CAM		626	
(1) SPIC CONST CORE		SCHLAGE BA-033 KEYED ALIKE		626					(1) SPIC CONST CORE		SCHLAGE BA-033 KEYED ALIKE		626						(1) SPIC CONST CORE		SCHLAGE BA-033 KEYED ALIKE		626	
(1) SURFACE CLOSER		DORMA T89010-T-SN3		669					(1) SURFACE CLOSER		DORMA T89010-T-SN3		669						(1) SURFACE CLOSER		DORMA T89010-T-SN3		669	
(3) SILENCERS		IVES SR64		GRAY					(3) SILENCERS		IVES SR64		GRAY						(3) SILENCERS		IVES SR64		GRAY	
(1) PERMANENT CORE		FURNISHED & INSTALLED BY OWNER		-					(1) PERMANENT CORE		FURNISHED & INSTALLED BY OWNER		-						(1) PERMANENT CORE		FURNISHED & INSTALLED BY OWNER		-	
NOTES:			1. COORDINATE WITH ELECTRICAL & SECURITY CONTRACTORS																					
WHERE TYPICALLY USED:			SINGLE SWING DOOR, BOH TO JANITOR'S CLOSET																					
QTY/DESC:		MANUFACTURER		FINISH					QTY/DESC:		MANUFACTURER		FINISH						QTY/DESC:		MANUFACTURER		FINISH	
(3) BUTT HINGES		STANLEY FBB 199X04.5		320					(3) BUTT HINGES		STANLEY FBB 199X04.5		320						(3) BUTT HINGES		STANLEY FBB 199X04.5		320	
(1) MORTISE LOCK SET - STOREROOM FUNCTION		YALE B805-TB-R6		630					(1) MORTISE LOCK SET - STOREROOM FUNCTION		YALE B805-TB-R6		630						(1) MORTISE LOCK SET - STOREROOM FUNCTION		YALE B805-TB-R6		630	
(1) CYLINDER		TCO TEMP CORE		260					(1) CYLINDER		TCO TEMP CORE		260						(1) CYLINDER		TCO TEMP CORE		260	
(3) SILENCERS		IVES SR-66		GRAY					(3) SILENCERS		IVES SR-66		GRAY						(3) SILENCERS		IVES SR-66			

GENERAL NOTES

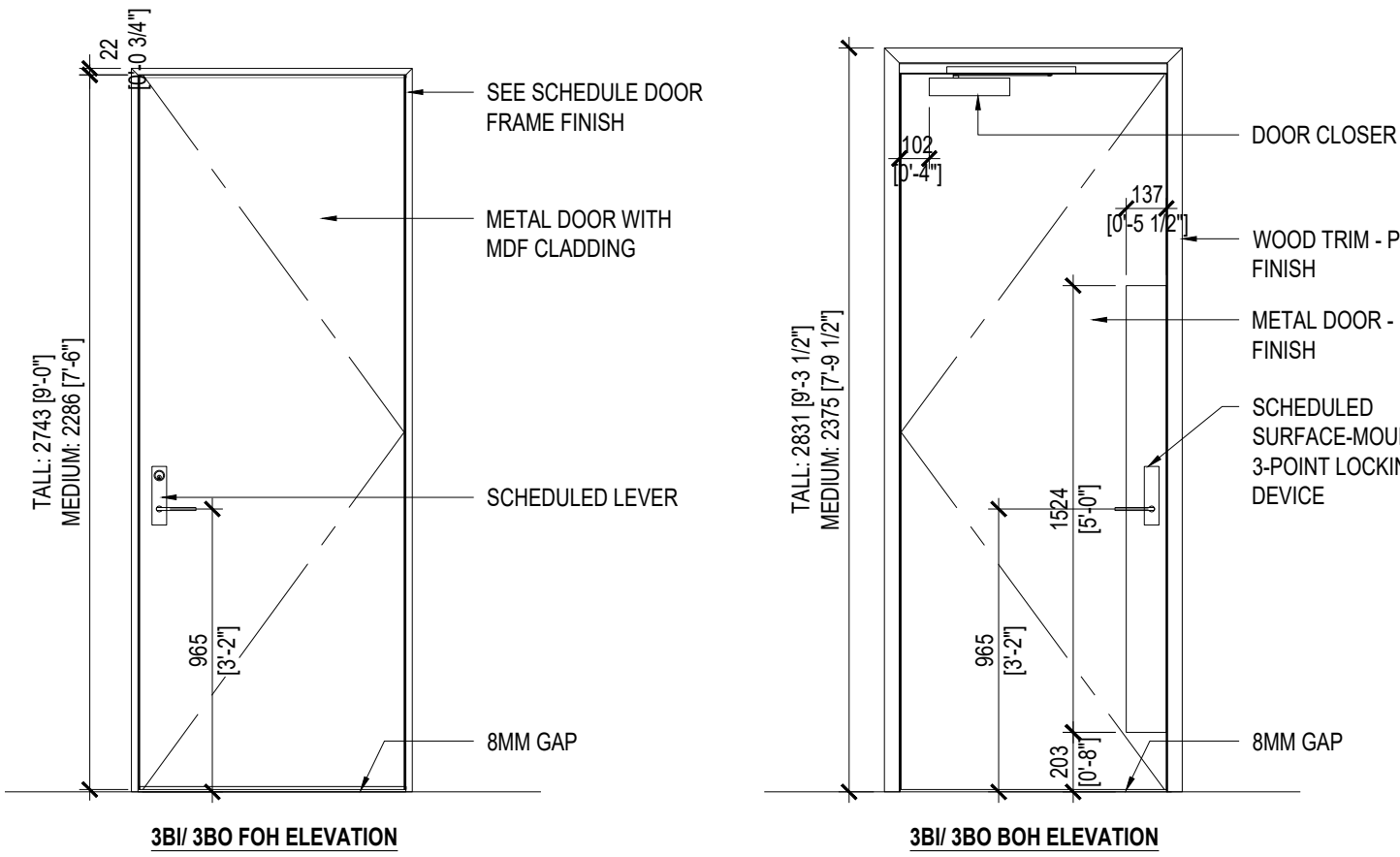
- REFER TO SHEET A0.01 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- REFER TO SHEET A0.02 FOR GENERAL NOTES.
- REFER TO SHEET A0.03 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
- DOOR TYPES, DETAILS, AND HARDWARE SHOWN HERE ARE TYPICAL AND GENERAL ARCHITECT OF RECORD SHALL REVIEW ALL DETAILS AND MODIFY AS REQUIRED TO SIT ACTUAL PROJECT CONDITIONS AND LOCAL REGULATIONS.



04

DOOR TYPE 5 (FOH TO VIC SALON)

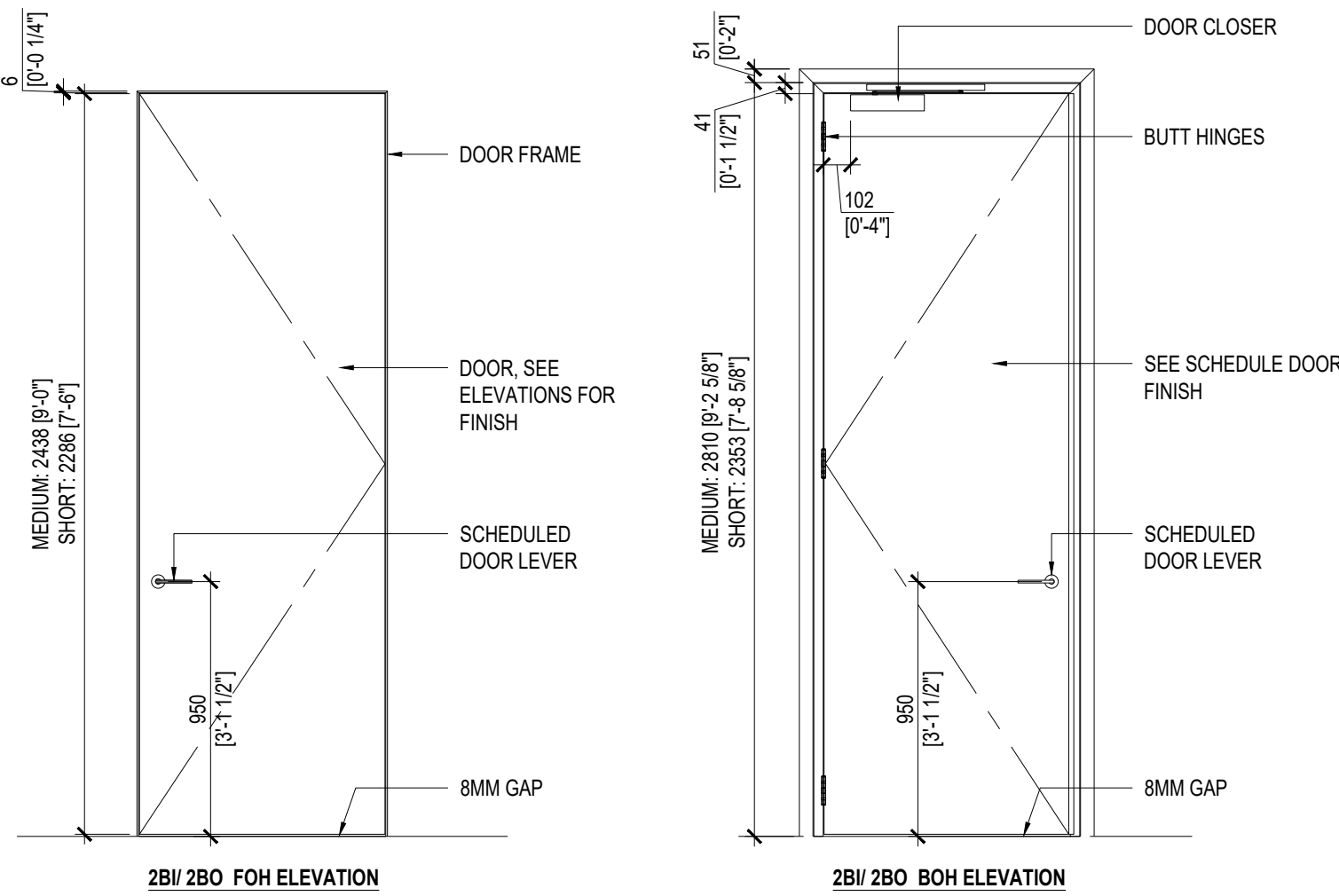
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03

DOOR TYPE 3BI/3BO (BOH TO BOH)

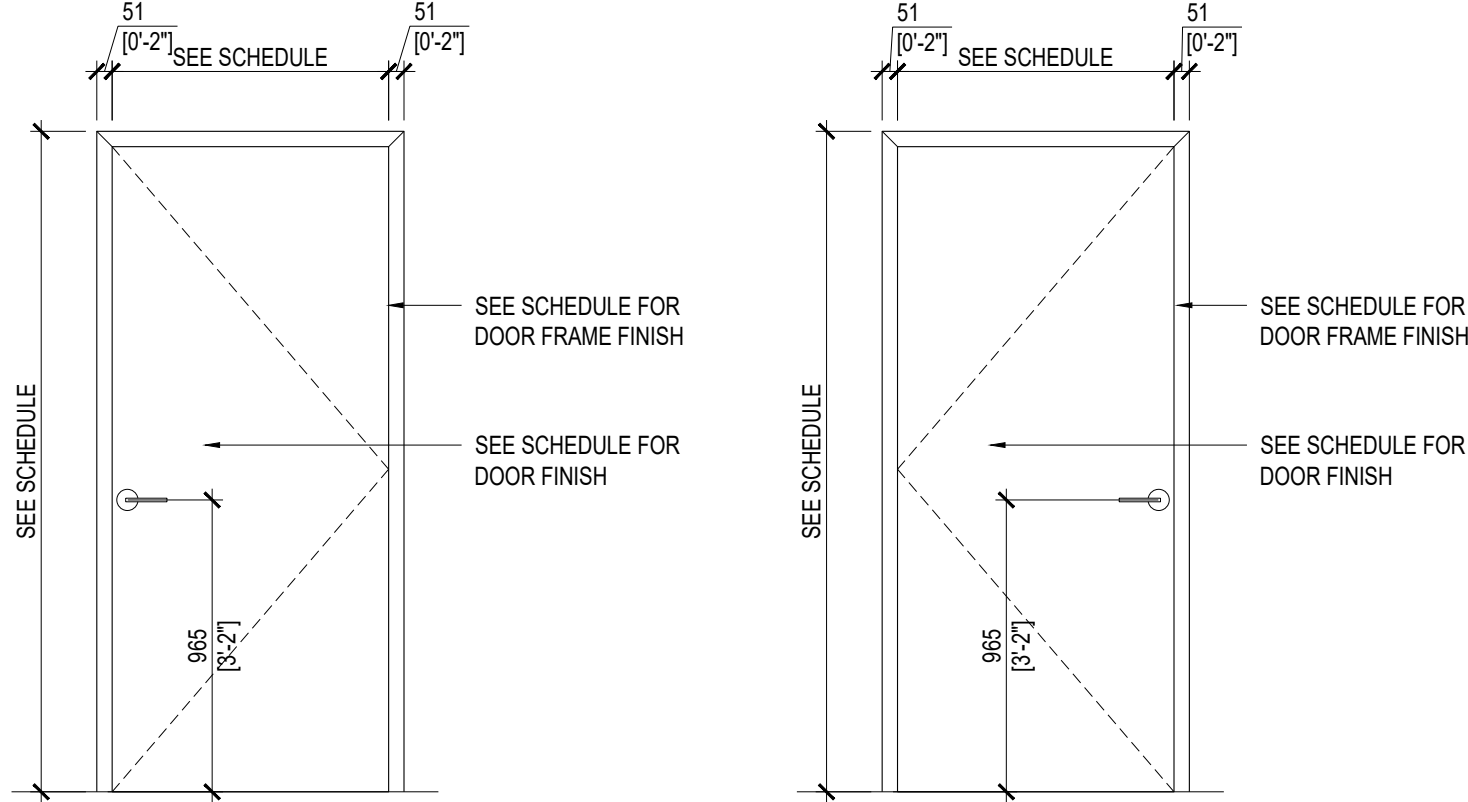
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02

DOOR TYPE 2BI/2BO 9FOH TO BOH)

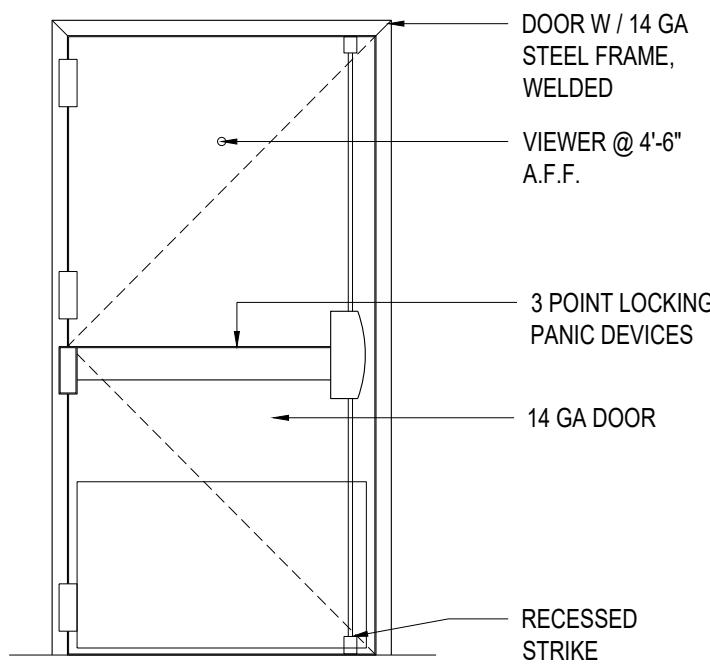
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01

DOOR TYPE 1A

1:25



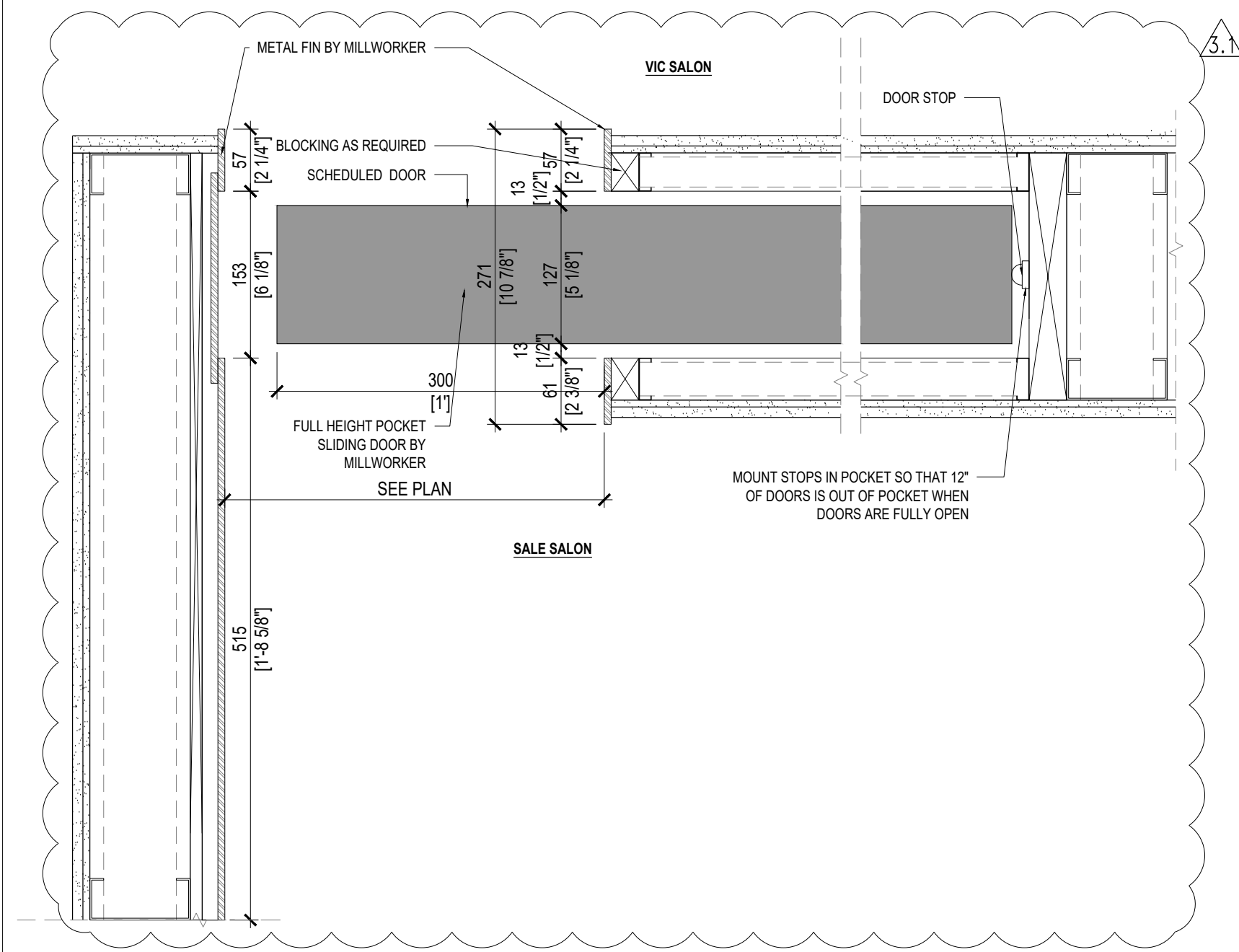
05

DOOR TYPE 1B (BOH TO BOH)

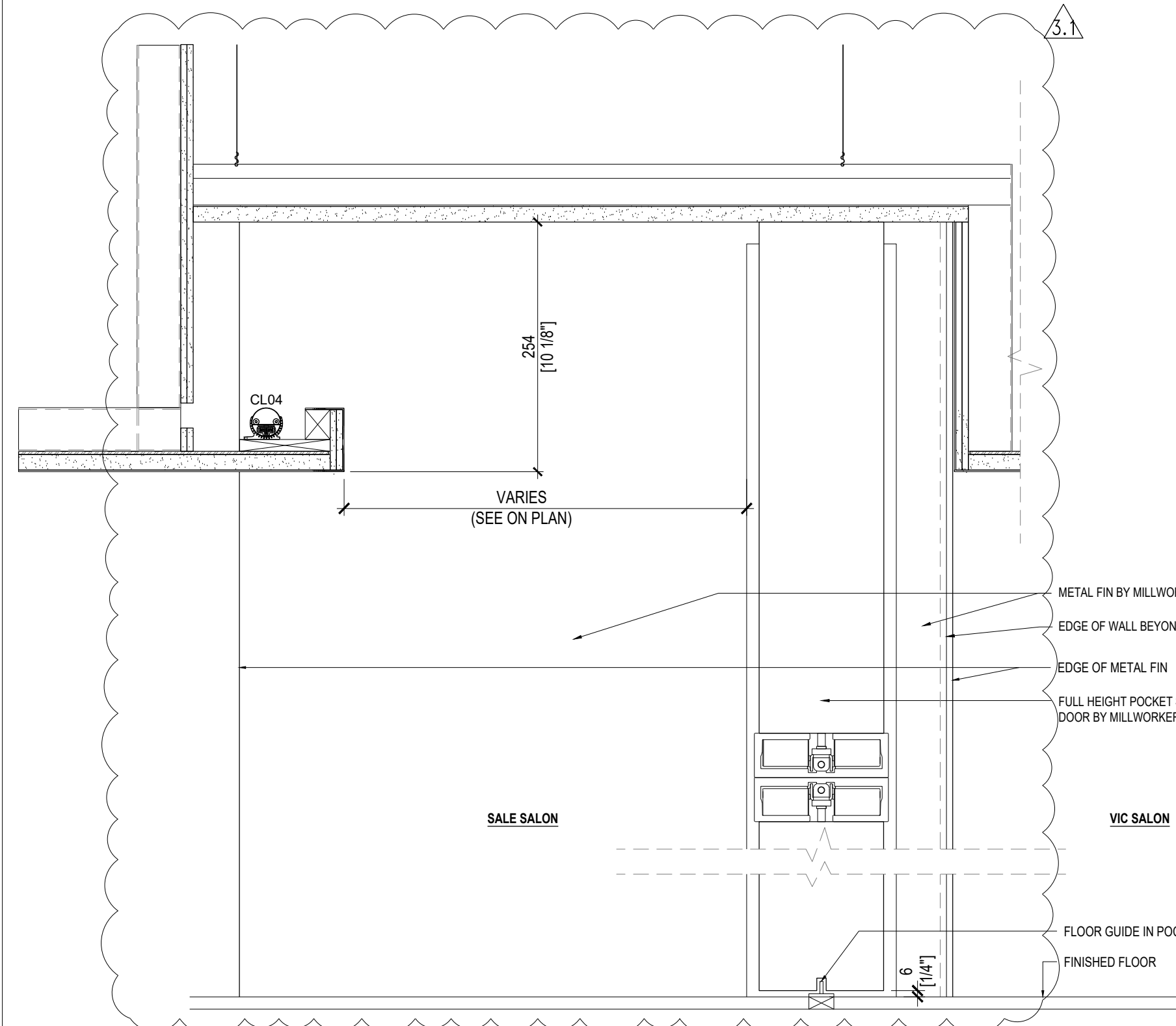
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ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

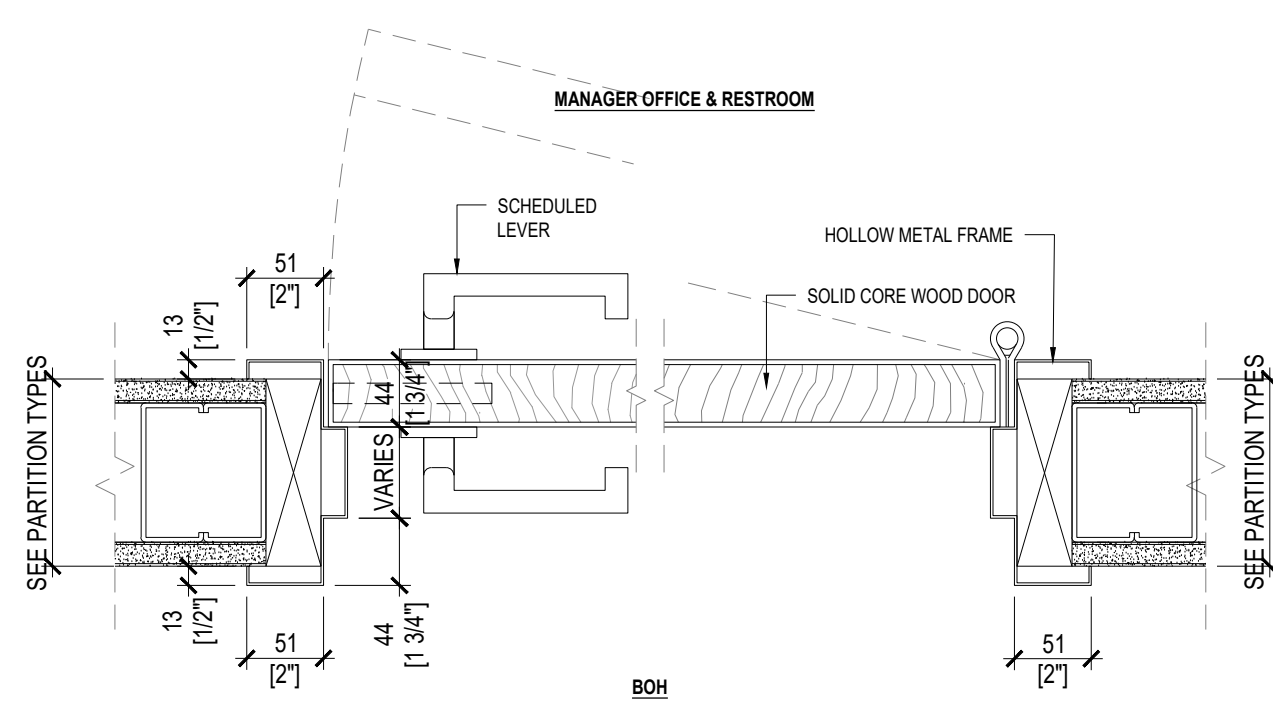
CLIENT: TIFFANY&CO.	
PROJECT: WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT: edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME: DOOR TYPES	SHEET NUMBER: A 6.12



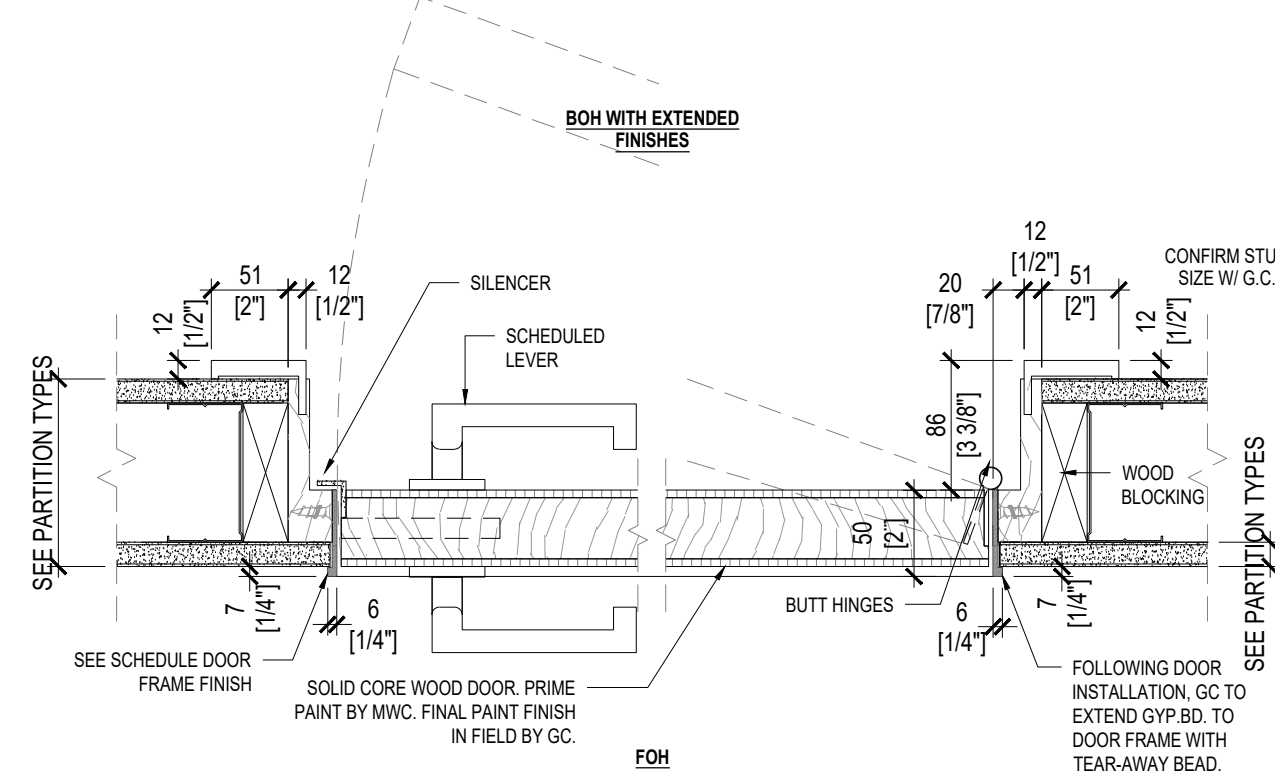
04 DOOR TYPE 5 (VIC SALON)
1:5



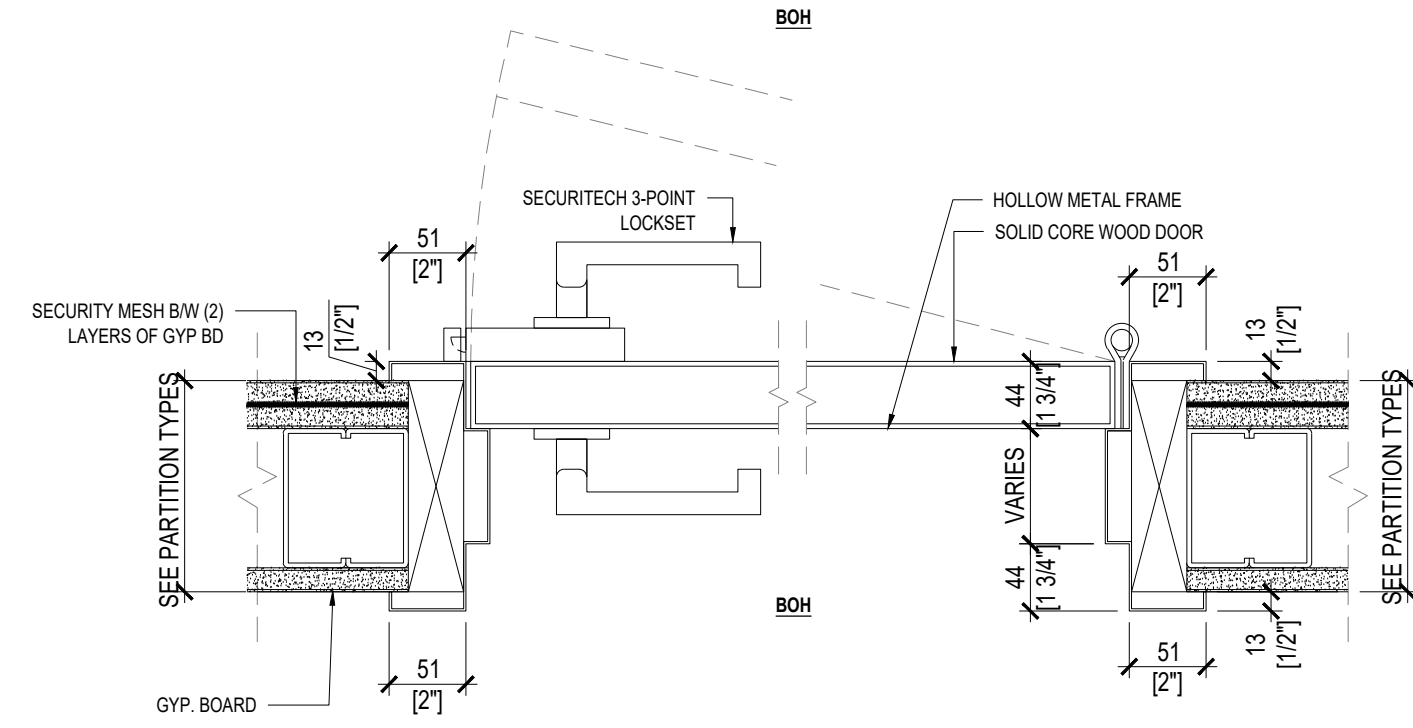
08 DOOR TYPE 5 (VIC SALON)
1:5



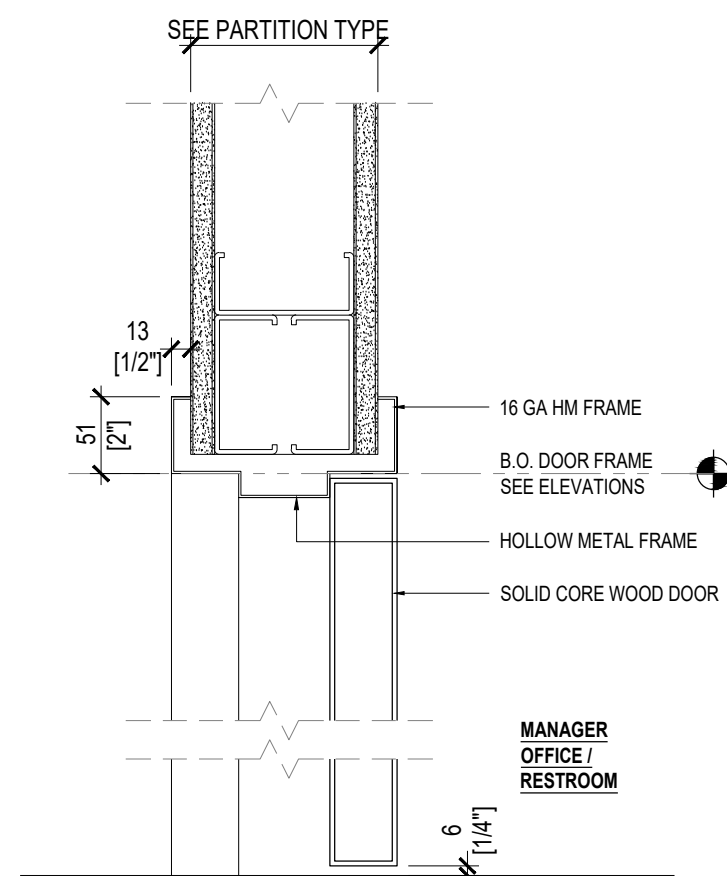
03 DOOR TYPE 3BI (BOH TO BOH, IN SWING)
1:5



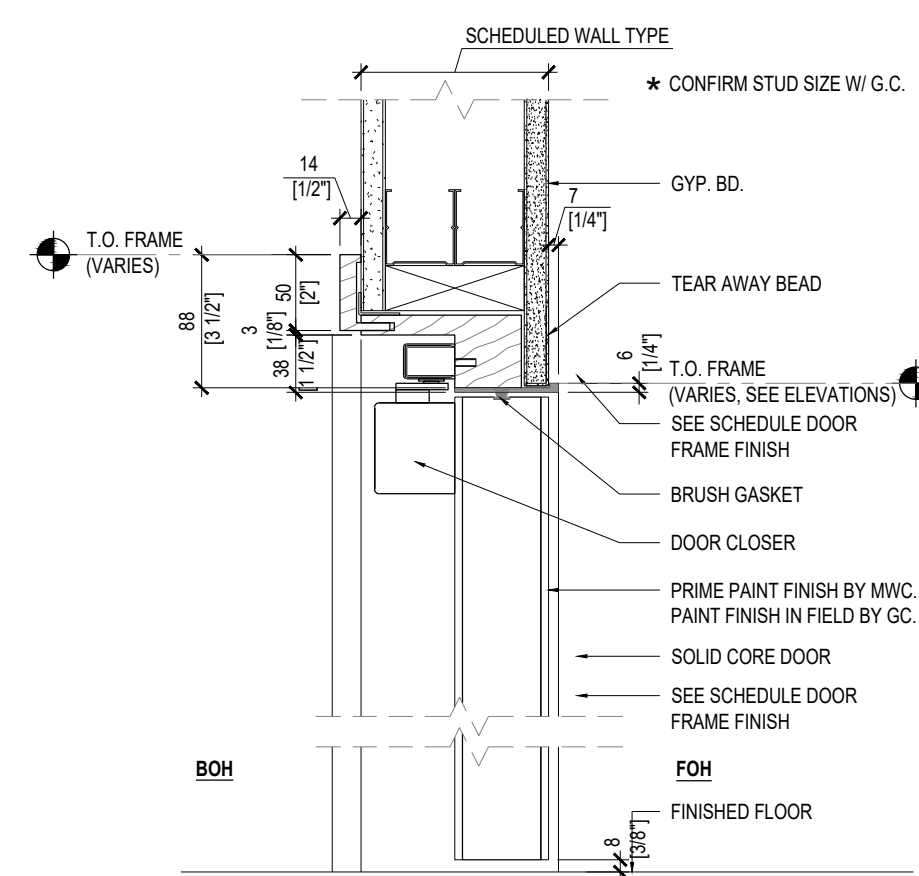
02 DOOR TYPE 2BI (BOH TO BOH, IN SWING)
1:5



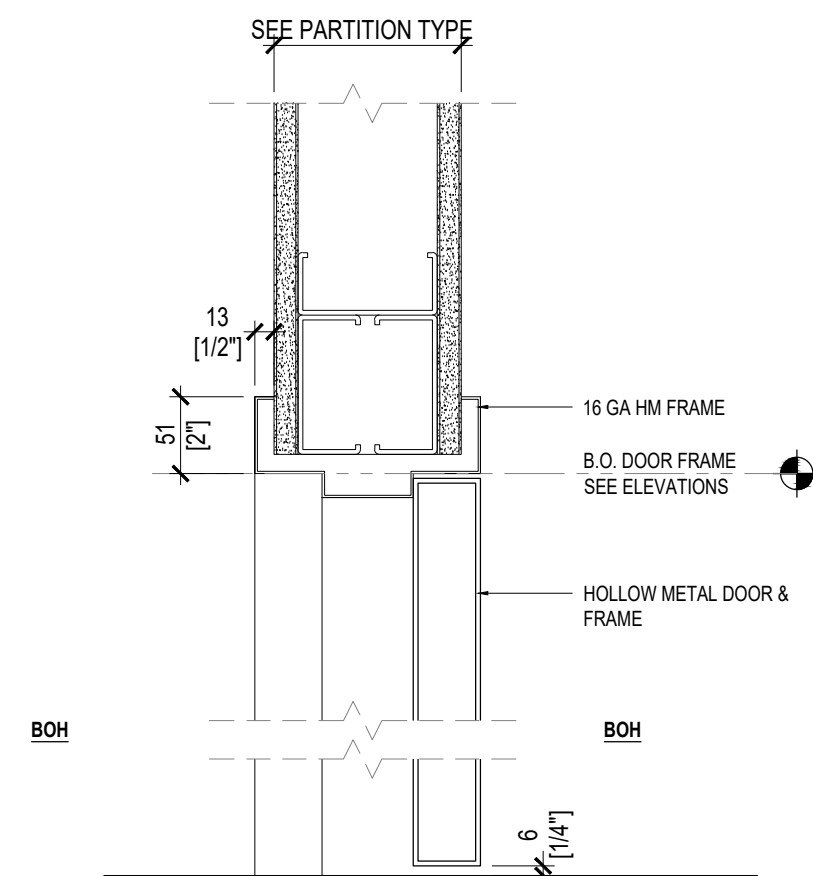
01 DOOR TYPE 1A 1B (BOH TO BOH)
1:5



07 DOOR TYPE 3B1 (BOH TO BOH)
1:5



06 DOOR TYPE 2BI / 2BO (FOH TO BOH)
1:5



05 DOOR TYPE 1A (BOH TO BOH)
1:5

GENERAL NOTES

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:
WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME: SHEET NUMBER:

DOOR DETAILS A 6.13

FINISH SCHEDULE

FINISH										
ID	QTY	DESCRIPTION	MANUF/MODEL	COLOR/FINISH	FLAME RATING	STYLE	DIMENSION	FURNISHED BY	INSTALLED BY	LOCATION
ACOUSTIC CEILING TILES										
ACT-01	-	SQUARE CUT LAT-IN	ARMSTRONG	WHITE WITH MATCHING TRELKUE 23.8MM [15/16"] GRID	CLASS A: ASTM E84 AND CAN/ULC S102 SURFACE BURNING CHARACTERISTICS. FLAME SPREAD INDEX OF 25 OR LESS. SMOKE DEVELOPED INDEX OF 50 OR LESS (UL LABELED)	CORRUS #574	24"W X 24"D X 3/4"H	GC	GC	BOH
CARPET										
CP-117	1	PMA CARPET (CPT-401A)	KAREN MAJESTIC EDWARD FIELDS NYC 150 E 58TH ST., #1101, NEW YORK, NY, 10155, USA EMAIL: KARENMAJESTIC@EDWARDFIELD5.COM	EDWARD FIELDS NYC	CLASS B: EN1351-1:2007 + A1: 2009 FIRE CLASSIFICATION OF CONSTRUCTION PRODUCTS AND BUILDING ELEMENTS PART 1: CLASSIFICATION USING DATA FROM REACTION TO FIRE TESTS			TCO	GC	CONS
CP-103B	2	GEOMETRIC CARPET - NEUTRAL SHIMMER	KAREN MAJESTIC EDWARD FIELDS NYC 150 E 58TH ST., #1101, NEW YORK, NY, 10155, USA EMAIL: KARENMAJESTIC@EDWARDFIELD5.COM	EDWARD FIELDS NYC				TCO	GC	LOVE & ENGAGEMENT
CP-118A	1	PMA CARPET	KAREN MAJESTIC EDWARD FIELDS NYC 150 E 58TH ST., #1101, NEW YORK, NY, 10155, USA EMAIL: KARENMAJESTIC@EDWARDFIELD5.COM	EDWARD FIELDS NYC				TCO	GC	DIAMOND
CP-118B	1	PMA CARPET	KAREN MAJESTIC EDWARD FIELDS NYC 150 E 58TH ST., #1101, NEW YORK, NY, 10155, USA EMAIL: KARENMAJESTIC@EDWARDFIELD5.COM	EDWARD FIELDS NYC				TCO	GC	SILVER
CP-203	1	VIC CARPET RIBBED	169 PARIS 169 BOULEVARD HAUSMANN, PARIS, 75008, FRANCE TEL: +33 01 53 76 36 86 EMAIL: OLIVIER@EDITION169.COM	EDITION 169				TCO	GC	VIC SALON
CORIAN										
CR-01	-	CORIAN SOLID SURFACE MATERIAL	CORIAN BY DUPONT	GLACIER WHITE	-	MATTE/SATIN	-	GC	GC	ACCESSIBLE RESTROOM COUNTER
FABRIC										
GLASS										
LACQUER										
LQR-101	-	MATTE LACQUER	-	-	-	-	-	TCO	GC	CABINETS, FOH DOORS AND DOOR FRAMES
MIRROR										
MR-101	-	CLEAR MIRROR	-	-	-	-	-	GC	GC	
METAL										
MT-102A	-	METAL	-	-	-	-	-	GC	GC	METAL FIN
MT-102B	-	BRUSHED NICKEL	-	-	-	-	-	GC	GC	FOH & RESTROOM WALL BASE
PAINT										
PT-101	-	FLAT FINISH PAINT	BENJAMIN MOORE	WHITE OPULENCE, OC-69	CLASS "A" WHEN TESTED IN ACCORDANCE WITH ASTM E84 / UL 723, CAN/ULC S-102 & ASTM E2768	-	-	GC	GC	FOH CEILINGS
PT-17	-	BOH WALL FINISH PAINT	BENJAMIN MOORE	MOUNTAIN MIST (868) EGGSHELL		-	-	GC	GC	BOH WALL PAINT
PT-18	-	SEMI-GLASS FINISH PAINT	BENJAMIN MOORE	WILLOW CREEK (1468) SEMI-GLOSS		-	-	GC	GC	BOH PAINT FOR DOORS AND FRAMES
RUBBER BASE										
RB-01	-	RUBBER WALL BASE	JOHNSONITE	55 SILVER GREY	FIRE RESISTANCE (ASTM E648 - CRITICAL RADIANT FLUX): CLASS 2/ SMOKE DEVELOPMENT (ASTM E 662): < 450	-	4" X 4" (101.6MM X 101.6MM)	GC	GC	BOH WALL BASE
SPECIAL FINISH										
PS-102	-	GILDED RAKED PLASTER	TOLLIS FRANCE CLEMENT FERON PRIMARY CONTACT: clement.feron@tollis.com					GC	GC	VIC ROOM
SF-111A	-	GOLD LEAF 9K	2K1 CHAMPAGNE GOLD LEAF, FRESKO NYC 334 LAFAYETTE STREET, 5TH FLOOR, NEW YORK, NY, 10017, UNITED STATES OF AMERICA NOAH POST NOAH@FRESKO.COM	TBD	TBD	TBD	TBD	GC	GC	CEILING COVES
SF-301B	-	FRESKO - MIXED PLASTER & RESIN PANEL SILVER	ARTINBERGER.COM ASSEMBLEDARTS.COM AR 7 2 7 7 6 HEDD BATTLEAU HB@ASSEMBLEDARTS.COM SPEC: 16-0373					TCO	GC	SILVER
STONE										
TILE										
WALL COVERING										
PS-101	-	CLOUD PLASTER	ATELIER MARTIN BERGER FRANCE GRENOBLE, 38000, FRANCE 8 RUE DE LA MURE ALICE SAMOENS PRIMARY CONTACT: ALICE@ATELIERMARTINBERGER.COM	VINYL WALL COVERING	CLASS A: ASTM E84 AND CAN/ULC S102 SURFACE BURNING CHARACTERISTICS. FLAME SPREAD INDEX OF 20 OR LESS. SMOKE DEVELOPED INDEX OF 65 OR LESS (UL LABELED).	-	1350 X W100 CM, D:7-1.2 MM THICKNESS	TCO	GC	FOH
PS-107B	-	ASSEMBLAGE -HACHE, SALT PEARL	ATELIER MARTIN BERGER FRANCE GRENOBLE, 38000, FRANCE 8 RUE DE LA MURE ALICE SAMOENS PRIMARY CONTACT: ALICE@ATELIERMARTINBERGER.COM			-	110CM W	TCO	GC	LOVE & ENGAGEMENT
WALL GUARD										
WG-01A	-	WALL GUARDS	ACROVYN	#315 GALVESTON GRAY	CLASS A/1 FIRE RATING PER ASTM E84: CHARACTERISTICS LISTED BELOW: 1. FLAME SPREAD: 25 OR LESS 2. SMOKE DEVELOPED: 450 OR LESS	-	-	GC	GC	WALL BUMPER GUARDS AT BOH
WG-01B	-	WALL GUARDS	ACROVYN	#315 GALVESTON GRAY		-	-	GC	GC	WALL BUMPER GUARDS AT BOH
WG-02	-	WALL GUARDS	ACROVYN	#315 GALVESTON GRAY		-	-	GC	GC	CORNER GUARDS AT BOH
WOOD										
WD-100A	-	WOOD FLOORING - PARQUET ENGINEERED HARDWOOD	PID NYC 5 W 20TH ST, GROUND FLOOR, NEW YORK, NY, 10011, UNITED STATES OF AMERICA STEVEN SKUTELSKY PRIMARY EMAIL: SKUTELSKY@PIDFLOORS.COM SKU: PIDTIF22023PF		RADIANT PANEL FLAMMABILITY: ASTM E-648, NFPA 253, FTM 372: CLASS 1: CRITICAL RADIANT FLUX 0.45 W/CM 2 OR HIGHER	-		TCO	GC	FOH FLOORING
VINYL COMPOSITE TILE										
VCT-01	-	VINYL COMPOSITE TILE (VCT)	ARMSTRONG FLOORING	MIGRATIONS BBT WITH BIOSTRIDE / T3510 NATURAL BEIGE	FLAME SPREAD: ASTM E648 CLASS 1 / SMOKE EVOLUTION: ASTM E662 450 OR LESS	-	12 IN. X 12 IN. (305MM X 305MM)	GC	GC	BOH FLOORING
FIBERGLASS REINFORCED										
FRP-01	-	WHITE WITH MATCHING PVC MOLDING AT TOP, BOTTOM, PANEL DIVISIONS & CORNERS	MARUTE/ MODEL #S1100G-PEBBLED SURFACE		CLASS III/C FIRE RATINGS PER ASTM E-84 FLAME SPREAD AND SMOKE DEVELOPMENT TEST	-	-	GC	GC	JANITOR'S CLOSET

EQUIPMENT SCHEDULE

EQUIPMENT										
ID	QTY	DESCRIPTION	MANUF/MODEL	FINISH	DIMENSION	FURN BY		INSTL BY	SUSTAINABILITY PERFORMANCE SPEC	NOTES
WKS.DIR.01/M1 - DIRECTOR'S OFFICE										
EQ-20A	1	COLOR PRINTER	HP/ MODEL #: LASER JET PRO 2540W COLOR T6860A	-	10" X 15.5" X 10"	TCO-IT		TCO		
EQ-28	1	TELEPHONE	CISCO/ MODEL #: IP PHONE 8811 CP-8811-K9	-	10" X 2" X 9"	TCO-IT		TCO		
EQ-31	1	MONITOR	DELL/ MODEL #: 27" MONITOR P2719H	-	24" X 7" X 20"	TCO-IT		TCO		
EQ-35A	1	GLASS WHITE BOARD	QUARTET/ MODEL #: INFINITY GLASS DRY-ERASE WHITE MAGNETIC G2418W	-	24" X 18"	TCO-IT		GC-TCO		INSTALL HORIZONTALLY IN DIRECTOR'S OFFICE
EQ-82	1	LAPTOP	DELL/ MODEL #: LATITUDE 5400	-	12.7" X 8.5" X 0.77"	TCO-IT		TCO		
WKA.INV.01 - INVENTORY ROOM										
EQ-28	1	TELEPHONE	CISCO/ MODEL #: IP PHONE 8811 CP-8811-K9	-	10" X 2" X 9"	TCO-IT		TCO		
EQ-29	1	CPU MONITOR	DELL/ MODEL #: OPTIPLEX 7460 AIO 623YG	-	21.3" X 2" X 13.5"	TCO-IT		TCO		
SAFE OPTION/M - SAFE										
EQ-50	1	SAFE - MEDIUM	CONFIDENTIAL	-	30" X 36.5" X 84.5" 20.5 X 23.25" X 50" 15.1 CU FT 3,815 LBS	TCO-SEC		TCO		GC COORDINATE INSTALL
WKA.HPS.01/M1 - HOSPITALITY										
EQ-05	1	COMMERCIAL DISHWASHER	HOBART - CENTERLINE/ MODEL #: CUH HIGH TEMPERATURE UNDERCOUNTER	-	20 7/8" X 39 9/16" X 32 5/16"	GC-TCO		GC		NSF RATED
EQ-07	1	PAPER TOWEL DISPENSER	GP PRO/ MODEL #: ENMOTION FLEX MINI PAPER TOWEL SYSTEM 58798	-	11.75" X 7.83" X 13.28"	TCO		GC-TCO		BATTERY OPERATED
EQ-09	1	ESPRESSO MAKER	NESPRESSO/ MODEL #: ZENIUS 2N 100 PRO	-	8" X 17" X 14"	TCO-GSO		TCO		ORDER THRU COUPA ORDER # HOSP000029
EQ-10	1	MILK FROTHER	NESPRESSO/ MODEL #: GEMINI CS 20 CAPPICINATORE	-	8.5" X 13" X 12"	TCO-GSO		TCO		ORDER THRU COUPA ORDER # HOSP000030
EQ-53	1	WINE GLASS HOLDER	AFD/ MODEL #: 10" CHROME PLATED GLASS HANGER RACK 407GHCI0	CHROME	4 9/16" X 1 5/8" X 10 9/16"	TCO		GC-TCO		PRE-INSTALLED BY SYSTEMS FURNITURE FABRICATOR
EQ-58B	1	COVERED WASTE BASKET- MEDIUM	RUBBERMAID/ MODEL #: SLIM JIM STEP-ON SKU: 1883457	BEIGE	12.3" X 19.6" X 22.3" 9 GAL	GC		GC		
WKA.HPS.01/M2 - HOSPITALITY										
EQ-02	1	BEVERAGE CENTER	SUMMIT/ MODEL #: SCR1156CSS	-	24" X 25" X 58"	GC		GC		SEE PLAN FOR DOOR SWING
WKA.AFS.01/M1 - AFTERSALE										
EQ-07	1	PAPER TOWEL DISPENSER	GP PRO/ MODEL #: ENMOTION FLEX MINI PAPER TOWEL SYSTEM 58798	-	11.75" X 7.83" X 13.28"	TCO		GC-TCO		BATTERY OPERATED
EQ-12	1	STEAMER	ELMA/ MODEL #: 4.5	-	11.5" X 12.5" X 19.5"	TCO-GSO		TCO		
EQ-13	1	ULTRA SONIC CLEANER	ELMA/ MODEL #: ELMASONIC S30 (H)	-	12" X 7" X 8.5"	TCO-GSO		TCO		
EQ-14	1	JUMBLEW JEWELRY POLISHER	KOCHIE/ MODEL #: ROTARY TUMBLER	-	7" X 7" X 11"	TCO-GSO		TCO		
EQ-16	1	FUME HOOD	BELARTI/ MODEL #: H50015-0000	-	24" X 3" X 12"	GC		GC		REFER TO MECHANICAL DRAWINGS.
EQ-17	1	HAIR DRYER	HAMILTON BEACH/ MODEL #: 1500W WALL MOUNT	-	6" X 5" X 9"	TCO		TCO		
EQ-70	1	SILVER BLUE TRAY		-	-	TCO-GSO		TCO		PLASTIC TRAY FOR SILVER BLUE JEWELRY CLEANING SOLUTION
WKA.OPS.02A/M2 - OPERATIONS FLEX WORK AREA										
EQ-28	5	TELEPHONE	CISCO/ MODEL #: IP PHONE 8811 CP-8811-K9	-	10" x 2" x 9"	TCO-IT		TCO		-
EQ-29	5	CPU MONITOR	DELL/ MODEL #: OPTIPLEX 7460 AIO 623YG	-	21.3" X 2" X 13.5"	TCO-IT		TCO		-
EQ-30	5	KEYBOARD & MOUSE	DELL/ MODEL #: KM714	-	-	TCO-IT		TCO		-
EQ-82A	5	CONVENIENCE POWER STRIP	LEGRAND/ MODEL #: WSPC220WH	-	-	GC		GC		SPECIFIED BY ARCHITECT.
WKA.OPS.02A/M3 - OPERATIONS FLEX WORK AREA										
EQ-22	1	COLOR PRINTER/ COPIER	HP/ MODEL #: M577F - COLOR MFPB5L47A	-	28" x 20" x 23"	TCO-IT		TCO		-
EQ-24	1	TICKET PRINTER (ZEBRA)	ZEBRA/ MODEL #: ZT400	-	10.6" x 19.5" x 12.75"	TCO-IT		TCO		-
EQ-34	1	SHRED BOX	IRON MOUNTAIN/ MODEL #: 27"	-	19" x 16" x 27"	TCO-GSO		TCO		-
EQ-44	1	AV EQUIPMENT	BOSE/ MODEL #: POWERSHARE 1.7	-	19" x 16" x 17"	GC-TCO		GC-TCO		-
EQ-45	1	DIALOCK FOB	FAPELLE/ MODEL #: ES110 ENCODING STATION	-	5" x 2.2" x 7.2"	TCO		TCO		-
EQ-46	1	GIFT CARD PRINTER		-	-	TCO		TCO		-
EQ-48	1	AUDIO CONTROLS		-	-	TCO		TCO		-
EQ-56A	1	COVERED WASTE BASKET - SMALL UNDERCOUNTER	RUBBERMAID/ MODEL #: SLIM JIM STEP-ON SKU: 1883455, BEIGE	BEIGE	14.83" x 9.07" x 15.7" 4 GAL	GC		GC		-
EQ-63	1	BARCODE PRINTER	ZEBRA/ MODEL #: GX420T	-	7.6" x 10" x 7.5"	TCO-IT		TCO		-
WKA.S-R.02 - SHIPPING AND RECEIVING										
EQ-57	1	RECYCLING BIN PAPER/ CARDBOARD	RUBBERMAID/ MODEL #: BRUTE 32 GAL ROLL-OUT CONTAINER SKU: 1971943 BLUE	BLUE	28.56" X 20.62" X 37.16"	GC		GC		
EQ-69	1	HAND TRUCK		-	-	TCO-GSO		TCO		
ACCESSIBLE, PANTRY										
EQ-01A	1	REF	SUMMIT/ MODEL #: FF9247SSIM	-	24" X 25" X 72"	GC		GC		SEE PLAN FOR DOOR SWING
EQ-04	1	DISHWASHER	SUMMIT/ MODEL #: DW24338ADA	-	23.5" X 22" X 32"	GC		GC		
EQ-08A	1	MICROWAVE OVEN	SUMMIT/ MODEL #: OTR24	-	24" X 14" X 15"	GC		GC		
EQ-07	1	PAPER TOWEL DISPENSER	GP PRO/ MODEL #: ENMOTION FLEX MINI PAPER TOWEL SYSTEM 58798	-	11.75" X 7.83" X 13.28"	TCO		GC-TCO		BATTERY OPERATED
EQ-08	1	COFFEE MAKER	KEURIG/ MODEL #: K1500	-	10.25" X 12.1" X 12.35"	TCO-RETAIL		TCO		
EQ-11	1	LED SCREEN	SAMSUNG/ MODEL #: OM-N SERIES 43	-	38.2" X 2.3" X 22.2"	TCO - IT		TCO		
STRITS.03 - IT / SECURITY RACKS										
EQ-40	1	SECURITY RACK		-	20" X 15" X 38"	TCO		TCO		
EQ-40A	1	ALARM SYSTEM POWER SUPPLY		-	-	GC		GC		
EQ-42	3	ALARM CONTROL PANEL		-	16" X 3.5" X 16"	TCO-SEC		TCO		
EQ-43	1	IT RACK	LEGRAND/ MODEL #: MM20 H-POST RACK - ME ADJUSTABLE DUAL EQUIPMENT RACK OR-MM20736ADJ12-X	-	20 1/8" X 21" X 32" X 84"	GC		GC		
EQ-47	1	TELECOM DEMARCATION POINT		-	-	TCO		GC		
EQ-47A	1	TELECOM CONDUIT STUB	MODEL#: PER ELECTRICAL ENGINEER	-	-	GC		GC		REFER TO ELECTRICAL DRAWINGS
EQ-72	1	ANTENNA CONDUIT STUB	MODEL#: PER ELECTRICAL ENGINEER	-	-	GC		GC		REFER TO ELECTRICAL DRAWINGS
BOH PORTAL										
EQ-39C	1	GLASS WHITE BOARD	QUARTET/ MODEL #: INFINITY GLASS DRY-ERASE WHITE MAGNETIC G4630W	-	48" X 36"	TCO		GC-TCO		INSTALL HORIZONTALLY NEAR EMPLOYEE LOCKER AREA

BOH FURNITURE SCHEDULE

GENERAL NOTES

LEGEND

ISSUE	DATE
0% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	06/28/2023
DEV. 1	10/30/2023
DEV. 2	11/14/2023
DEV. 3	12/27/2023
DEV. 3.1	02/13/2023

PLUMBING FIXTURES SCHEDULE

PLUMBING FIXTURES										
ID	QTY	DESCRIPTION	MANUF/MODEL	COLOR/FINISH	STYLE	DIMENSION	FURN BY	INSTL BY	LOCATION	NOTES
PL-50	-	UTILITY FAUCET	MOEN, MODEL # 5965	-	-	6.75"x13.75"	GC	GC	ACCESSIBLE PANTRY/AFTER SALES/ HOSPITALITY	
PL-51	-	SINK MTD. SOAP DISPENSER	ELKAY, MODEL #: 1054-CR	CH CHROME	-	2"x3.75"x4.75"	GC	GC	ACCESSIBLE PANTRY/AFTER SALES/ HOSPITALITY	
PL-52	-	COUNTER MOUNTED EYE WASH	SPEAKMAN, MODEL #: SE-927-VB	-	-	5.5"x10.5"	GC	GC	AFTER SALES	REF. PLUMBING DWG FOR MIXING VALVE
PL-53	-	SERVICE MOP FAUCET	E.L.MUSTEE & SONS, INC, MODEL# 631620A	-	-	13"x9.75"x9.75"	GC	GC	JANITOR'S CLOSET	WITH HOSE & HOLDER 66.700
PL-54	-	COUNTERTOP WATER DISPENSER	OASIS, MODEL #: AQUARIUS POU POU1SCTHSK	-	-	14.4"x13.2"x16.9"	GC	GC	ACCESSIBLE PANTRY/HOSPITAL-ITY	
PL-56	-	INTEGRATED SINK	DUPONT CORIAN, MODEL #: 8254	-	-	19.5"x14.3"x6.8"	TCO	GC-TCO CONTRAC-TOR	ACCESSIBLE PANTRY/AFTER SALES/ HOSPITALITY	PRE-FABRICATED INTEGRATED INTO COUNTER. INCLUDE UNDERSINK TRAP / PIPE GUARD WITH TRIM. REFER TO PLUMBING DRAWINGS.
PL-57	-	MOP BASIN	E.L.MUSTEE & SONS, INC, MODEL# 63M UPC 6 71031 00169 4	-	-	24"x24"x10"	GC	GC	JANITOR'S CLOSET	WITH GUARDS 63.403 & MOP HOLDER 65.600
PL-58	-	AFTER SALES SINK INTERCEPTOR	JR SMITH	-	-	-	GC	GC	AFTER SALES	SEE PLUMBING DRAWING
LAV-10	-	UNDERMOUNTED LAVATORY	AMERICAN STANDARD MODELO BOULEVARD #0610000	GLACIER WHITE	-	-	-	GC	RESTROOM	FUSED TO CORIAN COUNTERTOP
LAVF-10	-	FAUCET	AMERICAN STANDARD MODELO #T064355	CP POLISHED CHROME	-	-	-	GC	RESTROOM	-
WC-10	-	COMMERCIAL TOILET	DICA, MODEL WC 4007.01	01 COTTON	-	-	-	GC	RESTROOM	-

BATHROOM ACCESSORIES

BATHROOM ACCESSORIES										
ID	QTY	DESCRIPTION	MANUF/MODEL	COLOR/FINISH	STYLE	DIMENSION	FURN BY	INSTL BY	LOCATION	NOTES
BA-101	-	TOILET PAPER HOLDER	VOLA PRODUCT: T12	BRUSHED CHROME	-	-	GC	GC	-	-

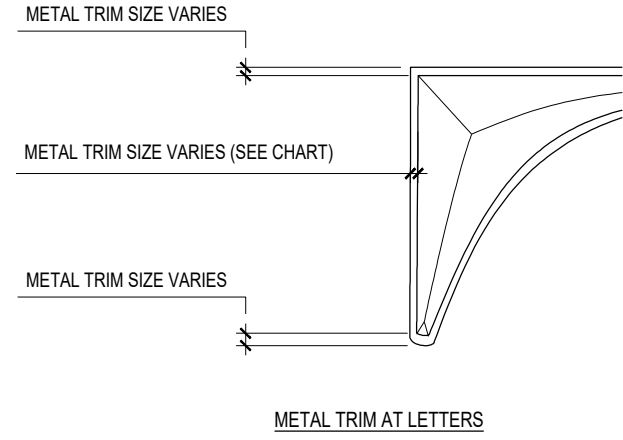
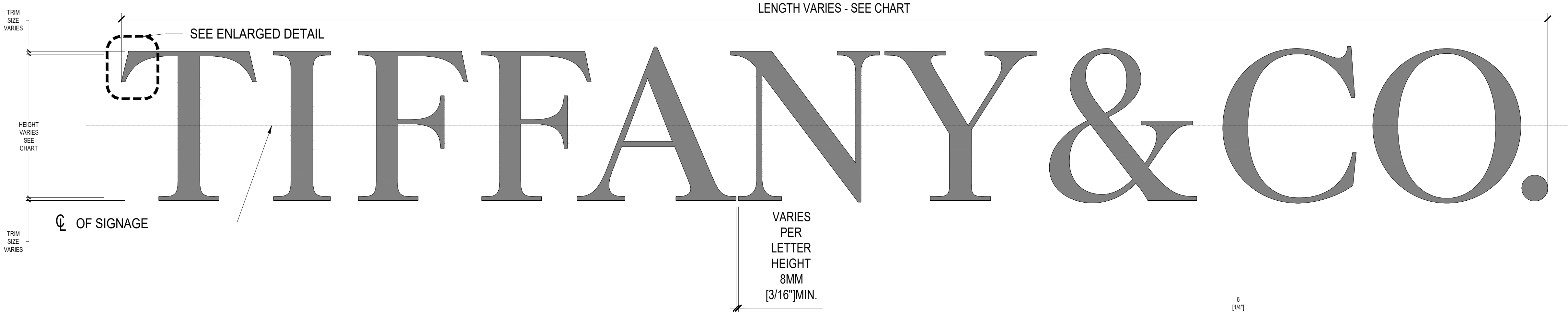
LIGHTING FIXTURES SCHEDULE

LIGHTING FIXTURES			
ID	ZONE	DESCRIPTION	NOTE
CL01	CEILING	RECESSED FIXED DOWNLIGHT 12W - 3500K - 90CRI FINISH: WHITE SPOT BEAM: 12" - 770 delivered lumens	Remote driver Dimmable 0-10V TRIMLESS MOUNT
CL02	CEILING	RECESSED ADJ DOWNLIGHT 12W - 3500K - 90CRI FINISH: WHITE SPOT BEAM: 12" - 770 delivered lumens	*Remote driver Dimmable 0-10V TRIMLESS MOUNT
CL03	CEILING	RECESSED ADJ DOWNLIGHT 12W - 3500K - 90CRI FINISH: WHITE MEDIUM BEAM: 26" - 770 delivered lumens	*Remote driver Dimmable 0-10V TRIMLESS MOUNT.
CL04-HO	CEILING POP UP / WALL COVES	LINEAR LED (COVE) 8.5 W/FT (30.4W/m) - 120V - 3500K - 93CRI 723mm/FT (2373mm)	Integrated driver Dimmable 0-10V Mounted with clips
DL100	WALL MOUNT	WALL MOUNTED DECORATIVE SCONCE 120V - 20W - 3000K	WATTAGE TO BE CONFIRMED ON LAMP TYPE
DL103	CEILING POP-UP	CEILING DECORATIVE CHANDELIER 120V-100W-3000K	WATTAGE TO BE CONFIRMED ON LAMP TYPE
DL104	CEILING POP-UP	DESK DECORATIVE TABLE LAMP 120V - 20W - 3000K	WATTAGE TO BE CONFIRMED ON LAMP TYPE
ML-01	VERTICAL SLOTS	LINEAR SURFACE MOUNTED LED WITH MAGNETIC FIXING 24V 9.9W/m 3500K CRI>90	Remote driver Dimmable 1-10V via CRESTRON

GENERAL NOTES

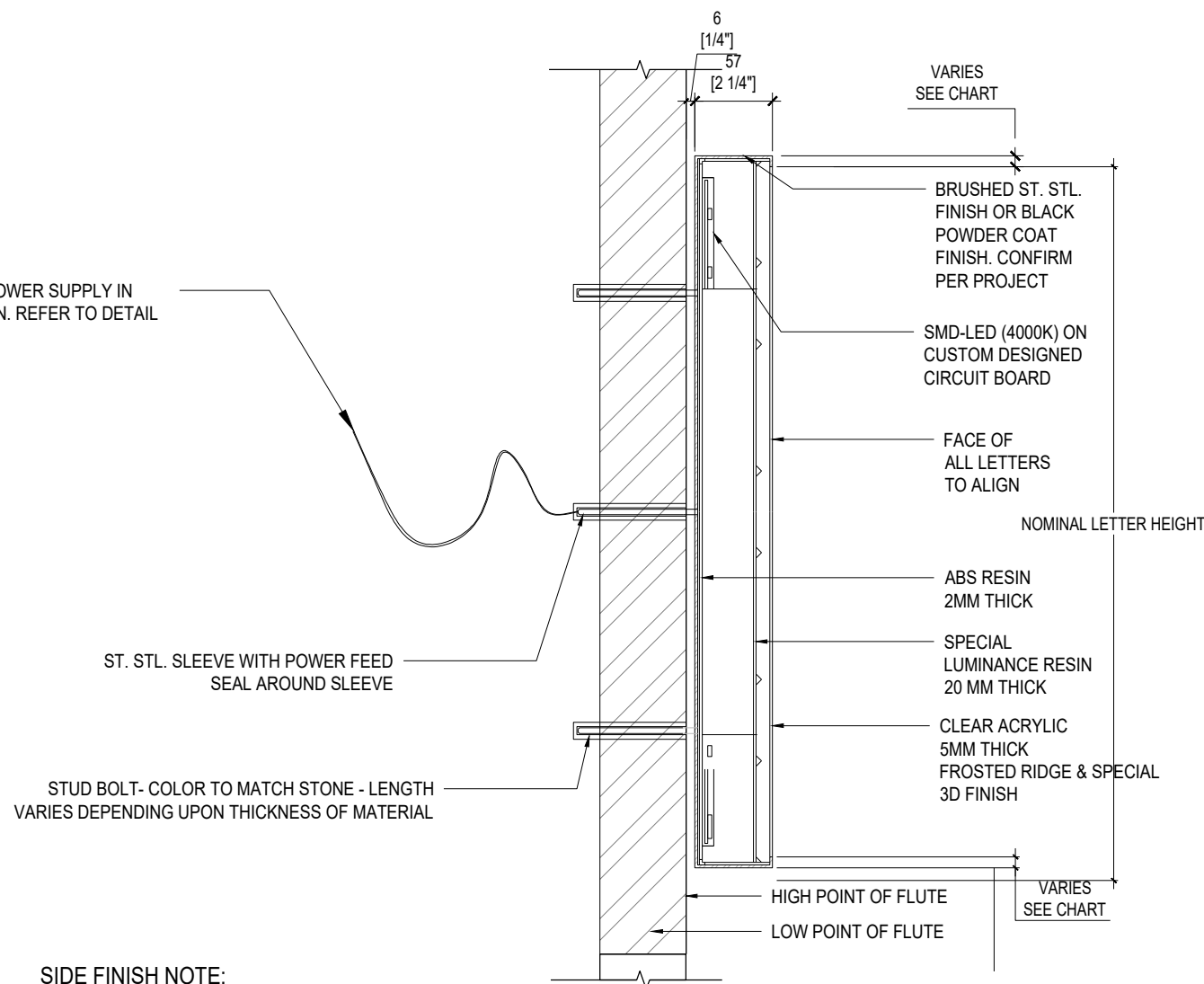
LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
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REV. 3.1	02/13/2023
CLIENT:	
TIFFANY&CO.	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	SHEET NUMBER:
SCHEDULE	A 6.41



SIZE CHART - TIFFANY & CO. SIGNAGE				SIDE FINISH
NOMINAL HEIGHT	TRIM	ACTUAL HEIGHT	LENGTH	MATERIAL
75 MM [3 1/8"]	4 MM [3/16"]	160 MM [6 3/8"]	1266 MM [4'-2"]	BLACK OR ST. STL.
152 MM [6"]	4 MM [3/16"]	160 MM [6 3/8"]	1266 MM [4'-2"]	BLACK OR ST. STL.
178 MM [7"]	4 MM [3/16"]	166 MM [7 3/8"]	1479 MM [4'-10 1/4"]	BLACK OR ST. STL.
203 MM [8"]	4 MM [3/16"]	211 MM [8 3/8"]	1660 MM [5'-6 5/16"]	BLACK OR ST. STL.
228 MM [9"]	4 MM [3/16"]	236 MM [9 3/8"]	1902 MM [6'-2 7/8"]	BLACK OR ST. STL.
254 MM [10"]	4 MM [3/16"]	262 MM [10 3/8"]	2113 MM [6'-11 3/16"]	BLACK OR ST. STL.
279 MM [11"]	4 MM [3/16"]	287 MM [11 3/8"]	2324 MM [7'-7 1/2"]	BLACK OR ST. STL.
305 MM [12"]	6 MM [1/4"]	317 MM [12 1/2"]	2536 MM [8'-3 13/16"]	BLACK OR ST. STL.
330 MM [13"]	6 MM [1/4"]	317 MM [12 1/2"]	2740 MM [9'-1 3/4"]	BLACK OR ST. STL.
356 MM [14"]	8 MM [5/16"]	317 MM [12 1/2"]	2951 MM [9'-8"]	BLACK OR ST. STL.
437 MM [17"]	8 MM [5/16"]	473 MM [18 5/8"]	3604 MM [12'-0 3/4"]	BLACK OR ST. STL.
610 MM [24"]	8 MM [5/16"]	473 MM [18 5/8"]	5071 MM [16'-7 5/8"]	BLACK OR ST. STL.

SIZE CHART - MONOGRAM				SIDE FINISH
NOMINAL HEIGHT	TRIM	ACTUAL HEIGHT	LENGTH	MATERIAL
152 MM [6"]	4 MM [3/16"]	160 MM [6 3/8"]	1266 MM [4'-2"]	BLACK OR ST. STL.
178 MM [7"]	4 MM [3/16"]	186 MM [7 3/8"]	1479 MM [4'-10 1/4"]	BLACK OR ST. STL.
203 MM [8"]	4 MM [3/16"]	211 MM [8 3/8"]	1660 MM [5'-6 5/16"]	BLACK OR ST. STL.
228 MM [9"]	4 MM [3/16"]	236 MM [9 3/8"]	1902 MM [6'-2 7/8"]	BLACK OR ST. STL.
254 MM [10"]	4 MM [3/16"]	262 MM [10 3/8"]	2113 MM [6'-11 3/16"]	BLACK OR ST. STL.
279 MM [11"]	4 MM [3/16"]	287 MM [11 3/8"]	2324 MM [7'-7 1/2"]	BLACK OR ST. STL.
305 MM [12"]	6 MM [1/4"]	317 MM [12 1/2"]	2536 MM [8'-3 13/16"]	BLACK OR ST. STL.
330 MM [13"]	6 MM [1/4"]	317 MM [12 1/2"]	2740 MM [9'-1 3/4"]	BLACK OR ST. STL.
356 MM [14"]	6 MM [1/4"]	317 MM [12 1/2"]	2951 MM [9'-8"]	BLACK OR ST. STL.
437 MM [17"]	8 MM [5/16"]	473 MM [18 5/8"]	3604 MM [12'-0 3/4"]	BLACK OR ST. STL.
610 MM [24"]	8 MM [5/16"]	473 MM [18 5/8"]	5071 MM [16'-7 5/8"]	BLACK OR ST. STL.



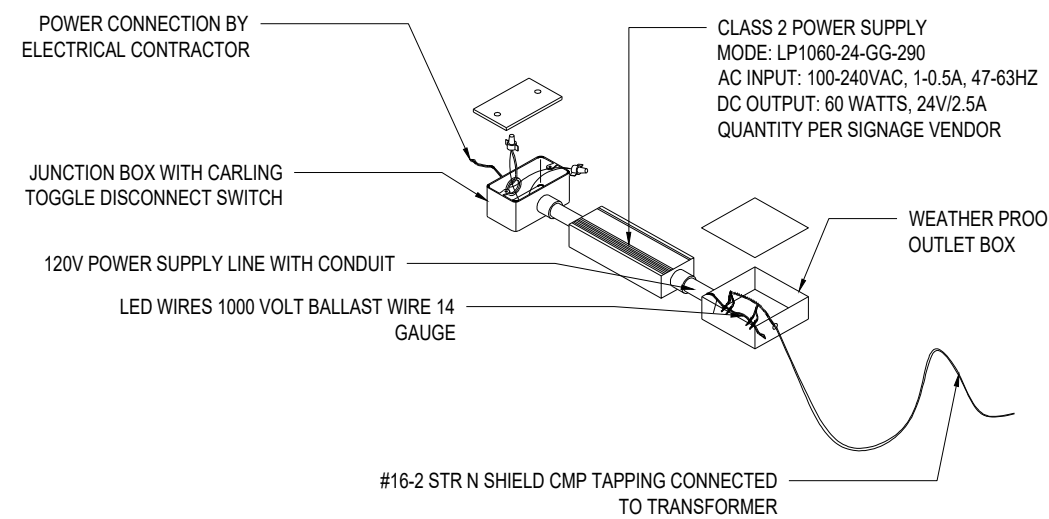
SIDE FINISH NOTE:
SIGN TYPE 1-A = ST. STL. EDGES
SIGN TYPE 1-B = BLACK EDGES
SECTION: MOUNTING ON STONE
SCALE: 1:5

01 SIGN TYPE 1 @ FACE LIT LETTERS (DAIKAN LUM1 -LETTER R3D CH) AS NOTED

SIGN MATRIX

NOMINAL HEIGHT	DIMENSION (HEIGHT/ SIZE)	EDGE (BLACK/ SILVER)	GENDER (F/M/U)	ILLUMINATED (Y/N)	FINISH (BN/SG)	WALL MATERIAL (ST/SS/WD/GL)	ORDER QTY.	NOTE
SIGN TYPE 1: (FACE LIT)	305		X				2	
SIGN TYPE 3: (SIDE LIT)	79		X				6	
SIGN TYPE 3: (MONOGRAM - SIDE LOT)	152		X				6	

*NOTE: "X" FOR ITEM NOT APPLICABLE



02 TYPICAL WIRING DIAGRAM NOT TO SCALE

GENERAL NOTES

- REFER TO SHEET A0.01 FOR RESPONSIBILITY SCHEDULE AND ASSOCIATED NOTES.
- REFER TO SHEET A0.02 FOR GRAPHIC SYMBOLS AND ABBREVIATIONS.
- REFER TO A0.03 FOR ADDITIONAL GENERAL NOTES

SIGNAGE NOTES

SIGN TYPES 1, 2, & 3

TO BE PURCHASED FROM:
DAIKAN CO SIGNS LTD.
3-1-7 SANGENYA - HIGASHI
TAISHO, OSAKA
551-0002 JAPAN
ATT: MASANORI IMADA
TEL: 81-50-3387-7292
M.IMADA@DAIKAN.NE.JP
(NO SUBSTITUTION PERMITTED)

SIGN TYPE 1: FACE LIT SIGNS

SIGN TYPE 2: PUSH THRU SIGN PANELS

SIGN TYPE 3: METAL PRISMATIC LETTERS

- SIGN TYPE 1: G.C. TO OBTAIN TEMPLATES FROM DAIKAN FOR DRILLING OF STONE OR GLASS FOR MOUNTING PINS AND POWER FEEDS.
- SIGN TYPE 2: G.C. TO OBTAIN FILES FROM DAIKAN FOR WATER JET CUTTING OF STONE BACKING.
- SIGN TYPES 1 & 2: POWER SUPPLY TO BE LOCATED IN VENTED ACCESSIBLE LOCATION WITHIN 32 FT. (10 M) OF SIGN. COORDINATE LOCATION WITH TCO PROJECT MGR AND ARCHITECT.
- SIGN TYPE 3: G.C. TO OBTAIN TEMPLATES FROM DAIKAN FOR DRILLING OF STONE OR OTHER SUBSTRATE. MOUNTING PIN LOCATIONS SHOWN ARE FOR INTENT ONLY.
- SIGN TYPES 1, 2 & 3: INSTALLATION BY G.C.

SIGN TYPE 4
FLOOR LOGO INSET TO BE FABRICATED BY:
EDM
22 EAST 21 ST STREET
NEW YORK, N.Y. 10010
TEL: (462) 207-7188
ATT: DAVID CABRAL
DAVID.CABRAL@EDM-PARIS.COM

- SIGN TYPE 4 IS FURNISHED BY TIFFANY STONE CONTRACTOR, INSTALLED BY G.C.
- SIGN TYPE 4 IS SENT TO SITE IN SIZE AS SHOWN. MUST BE USED IN FULL 150MM (5'-0") WIDTH. CAN BE CUT TO LINES INDICATED TO SUIT LAYOUT.
- STONE FOR LOGO INSET TO BE AS FREE OF VEINING AS POSSIBLE.

SIGN TYPE 5:
VINYL GOLD LEAF LETTERING
TO BE PURCHASED FROM:
SEE-GOLD.COM
ATT: SANDRA SPANNAN
TEL: 917.749.1187
EMAIL: SANDRA@SEE-GOLD.COM

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

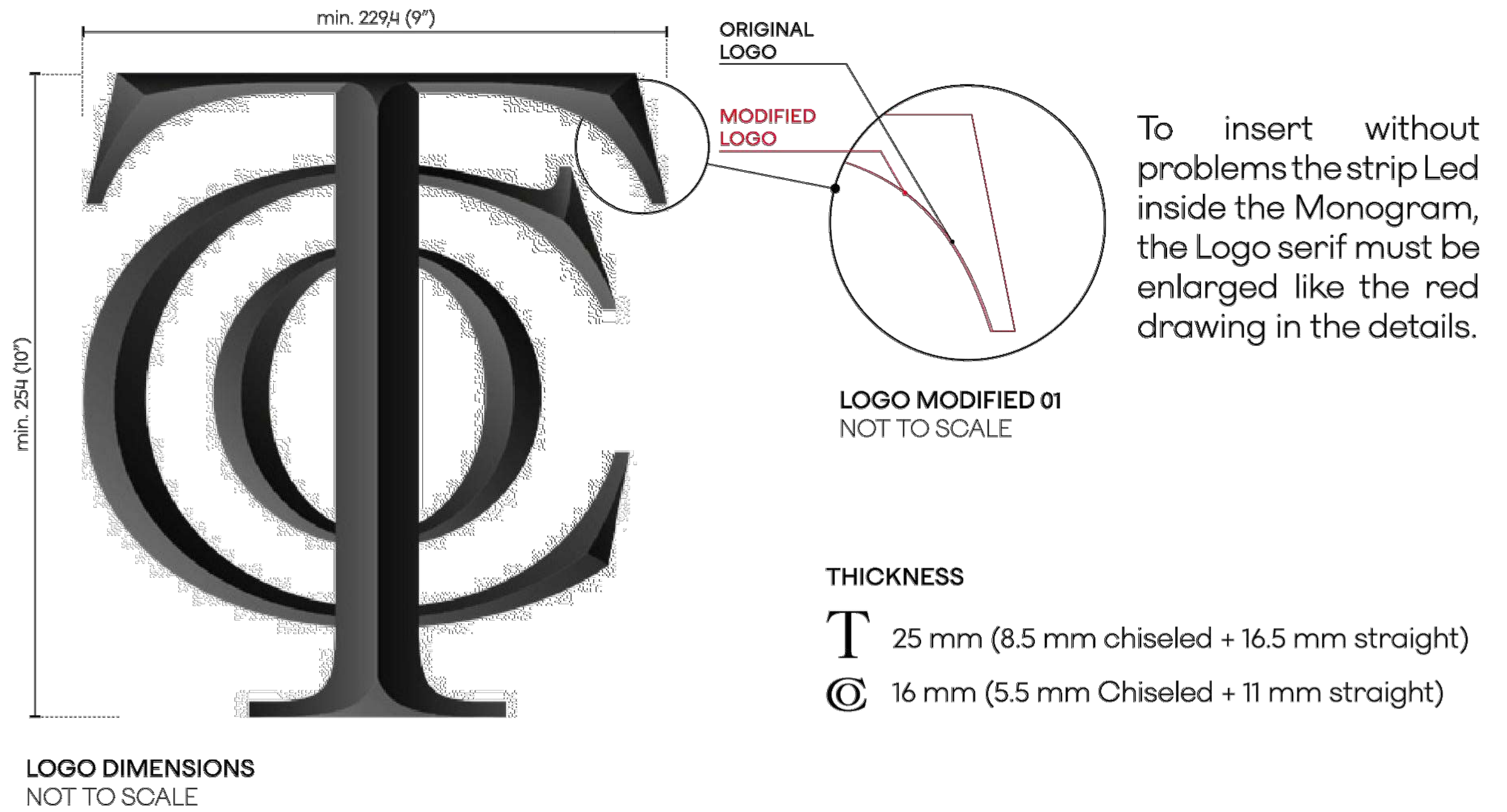
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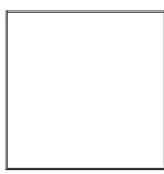
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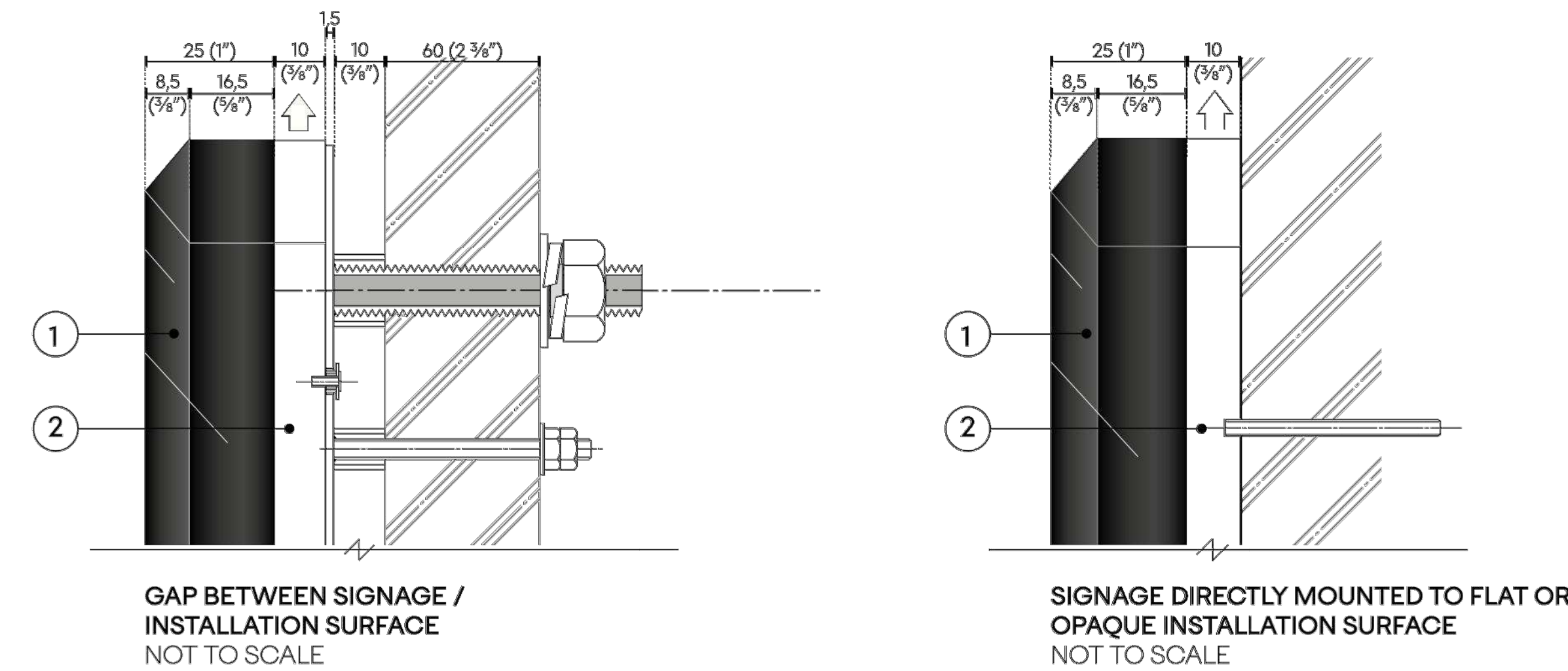
SIGNAGE DETAILS
AND SCHEDULE

SHEET NUMBER:

A 6.50

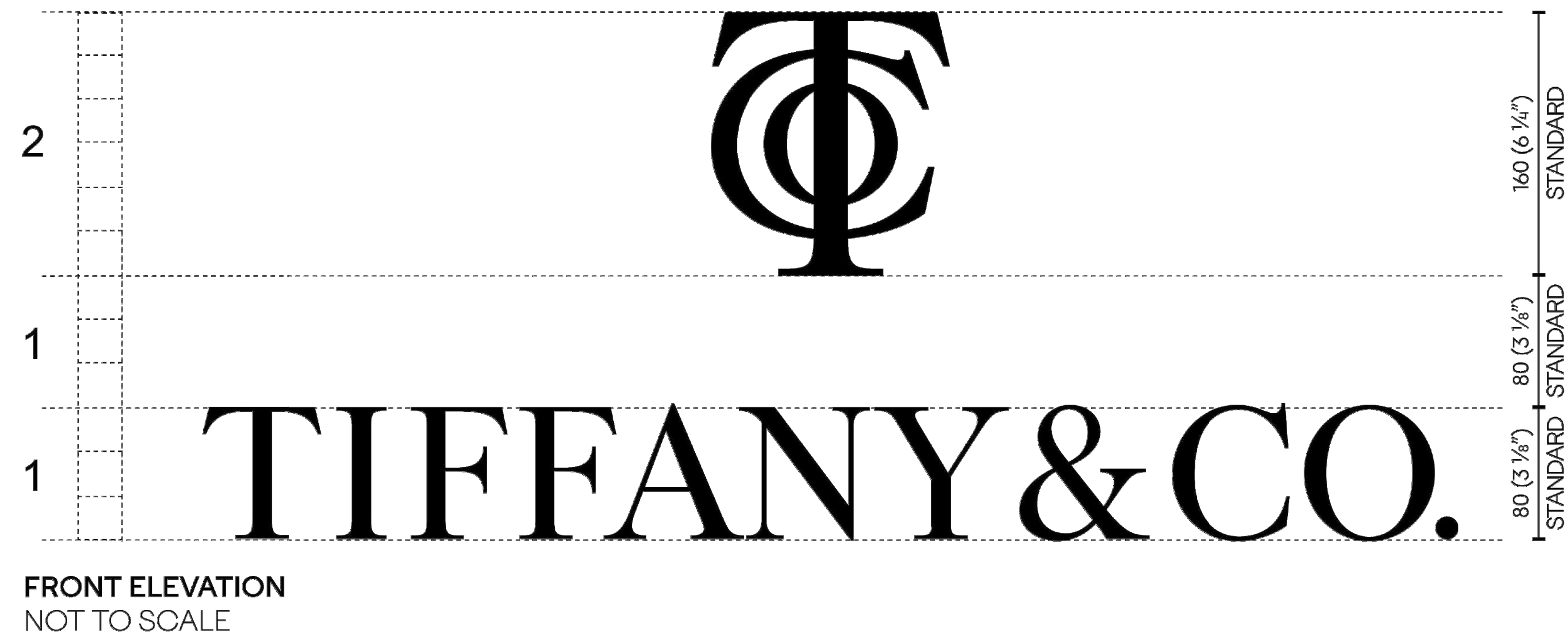


- MATERIALS**
-  MATTE BLACK FINISH
 -  WHITE PERSPEX (BACK)



- NOTES**
- The Logotype must have the same proportions;
 - The voltage of all LED product is adjusted based on the length of the wires: do not cut or modify these wires;
 - An overload of electrical current in the LED can cause damage or fire.

01 SIGN TYPE 3 @ MONOGRAM (SIDE LIT)
SCALE: AS NOTED

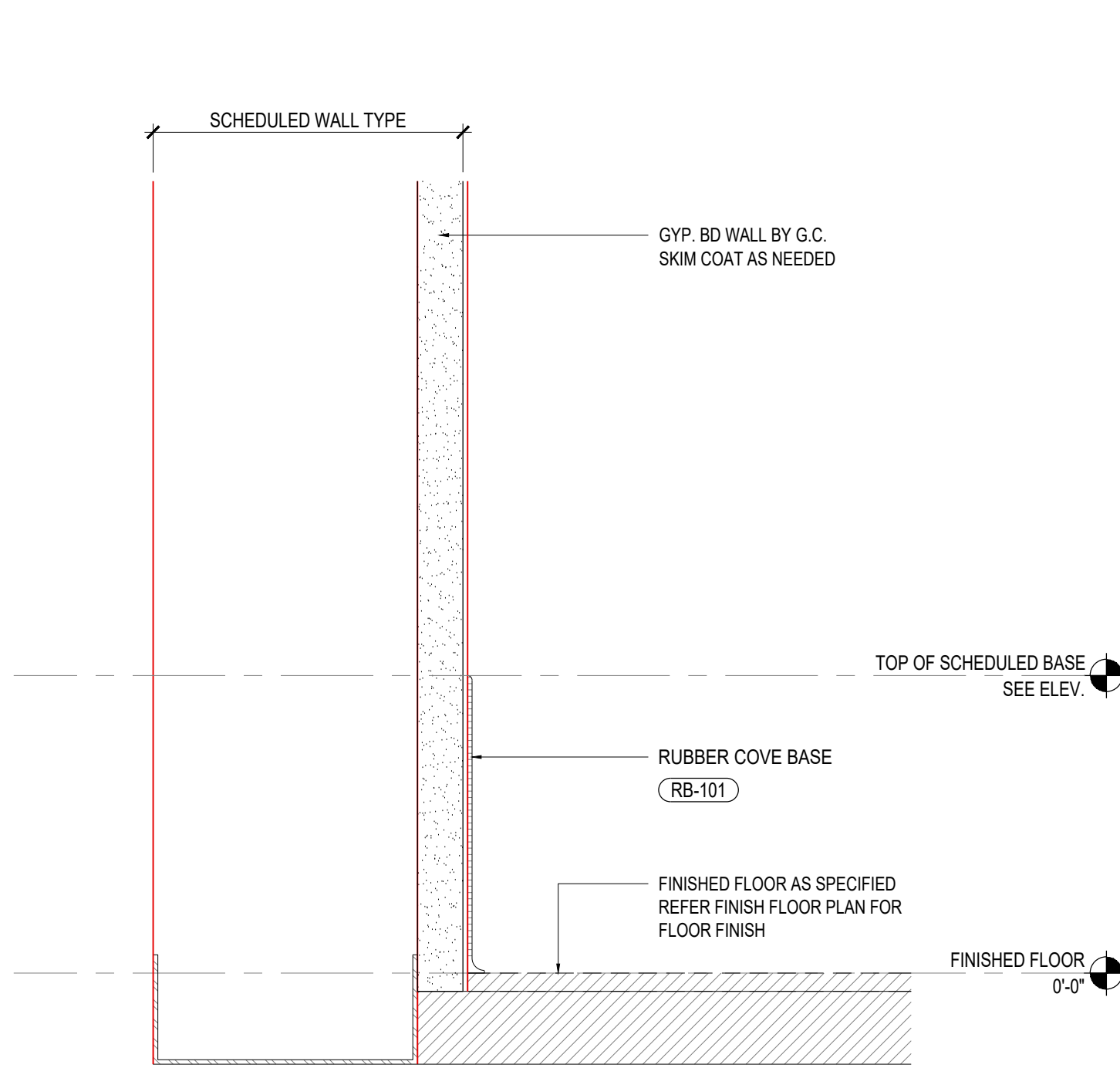


02 LOGO & MONOGRAM COMPOSITIONS
SCALE: AS NOTED

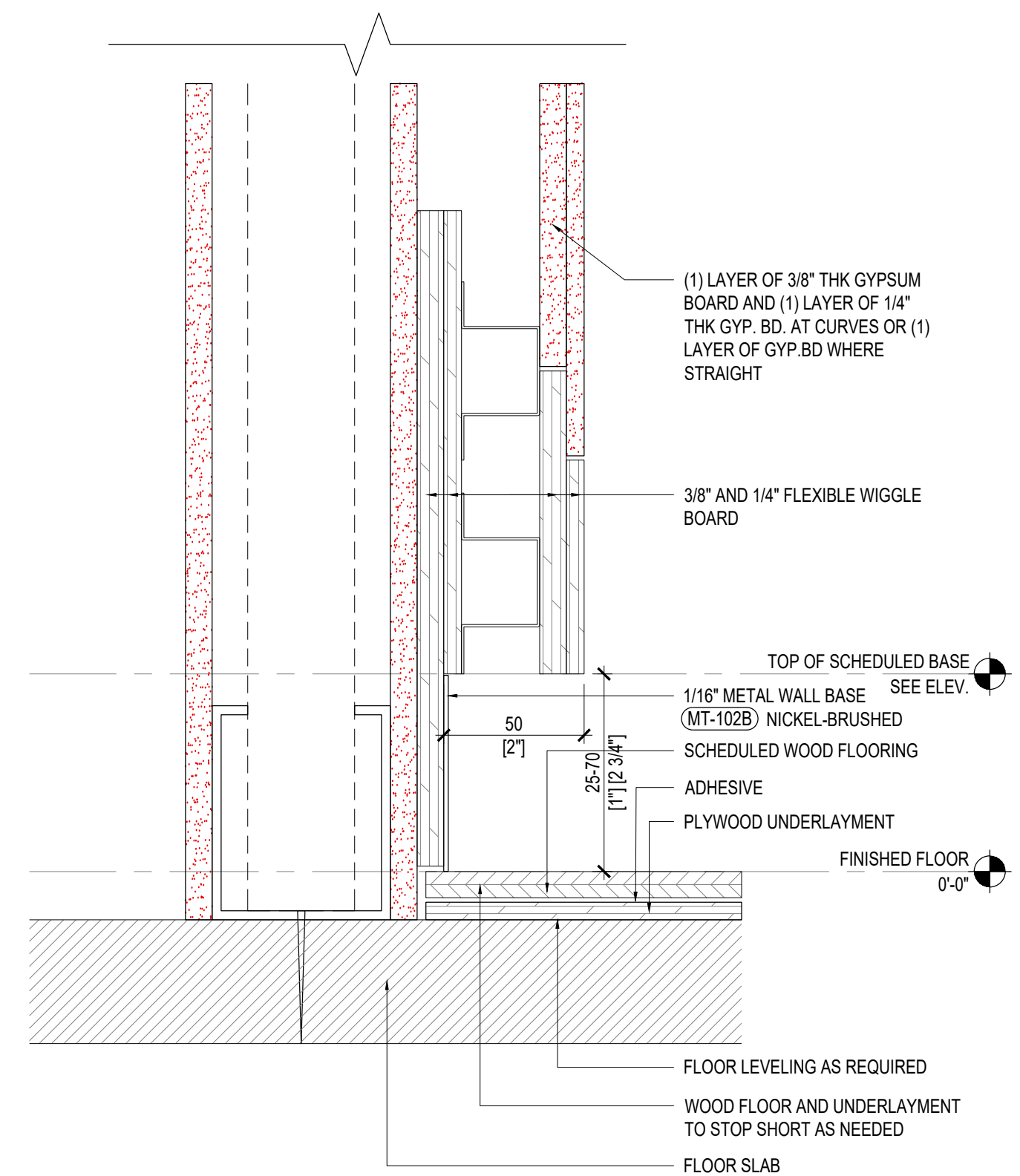
SHEET NOTES

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

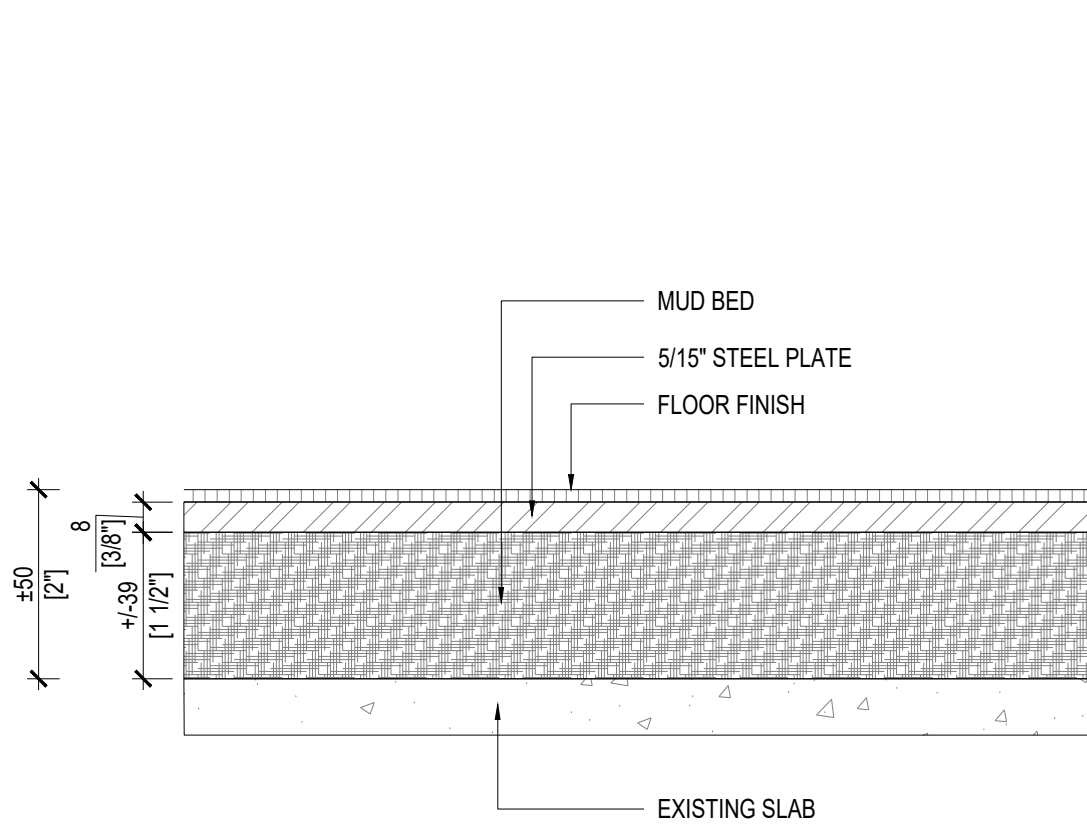
CLIENT: TIFFANY&CO.	
PROJECT: WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT: edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON LOCAL ARCHITECT:	
CHECKED BY: xx	
SHEET NAME: SIGNAGE DETAILS	SHEET NUMBER: A 6.51



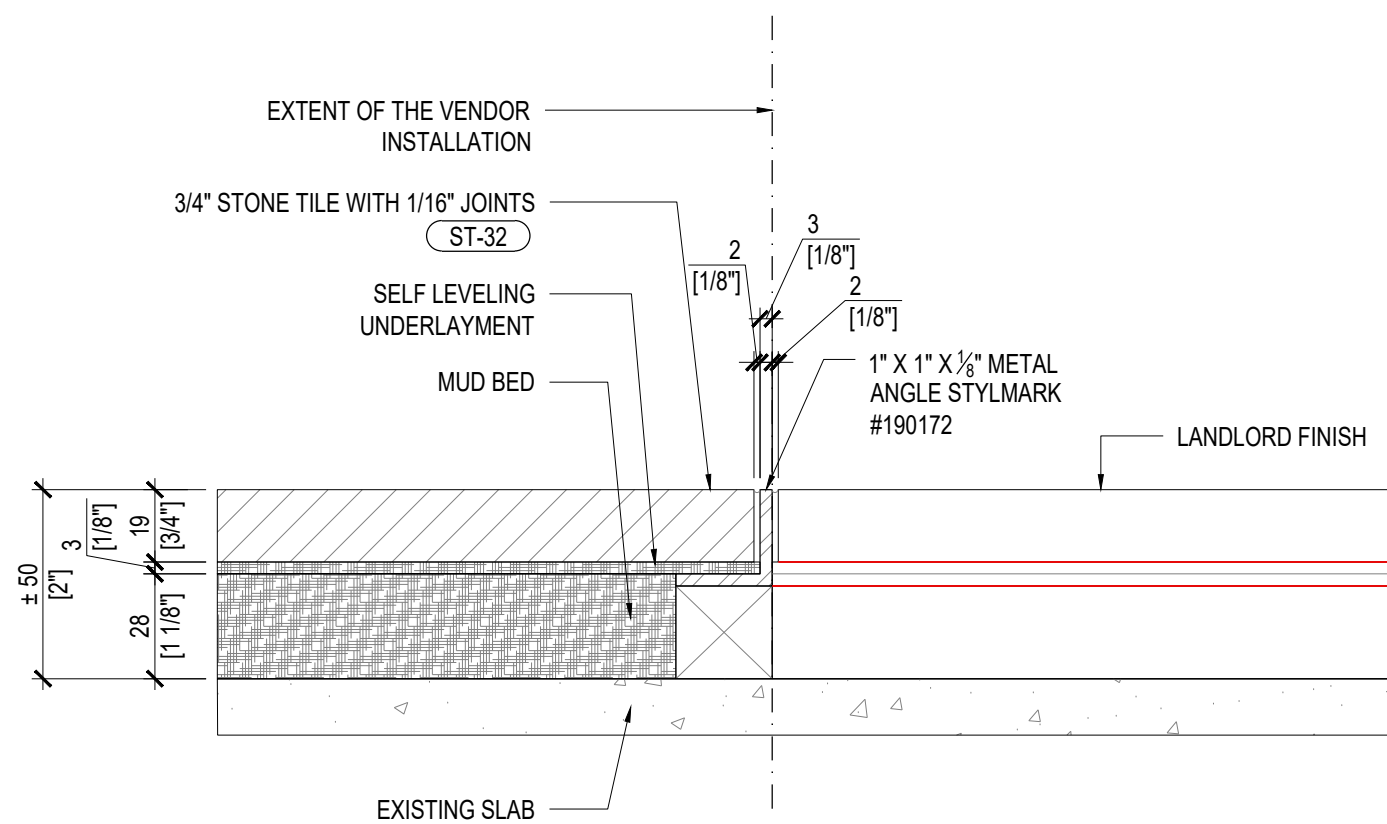
02 TYPICAL DETAIL @ RUBBER BASE
1:2



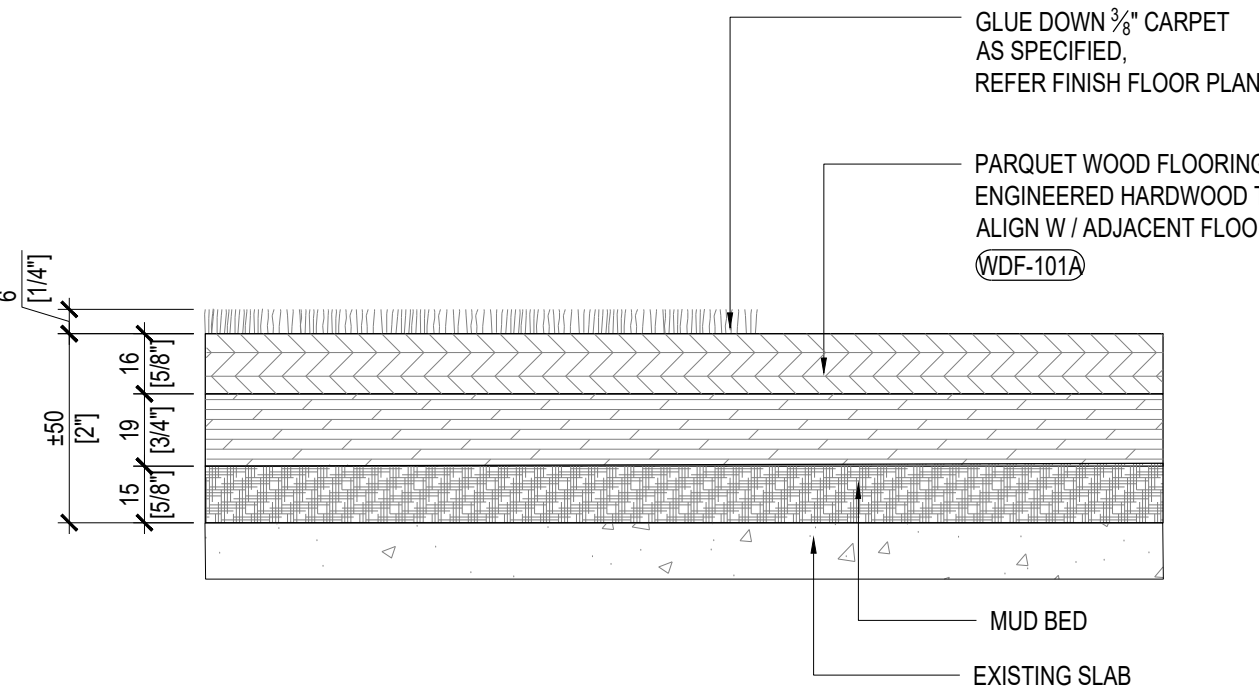
01 DETAIL @ METAL BASE
1:2



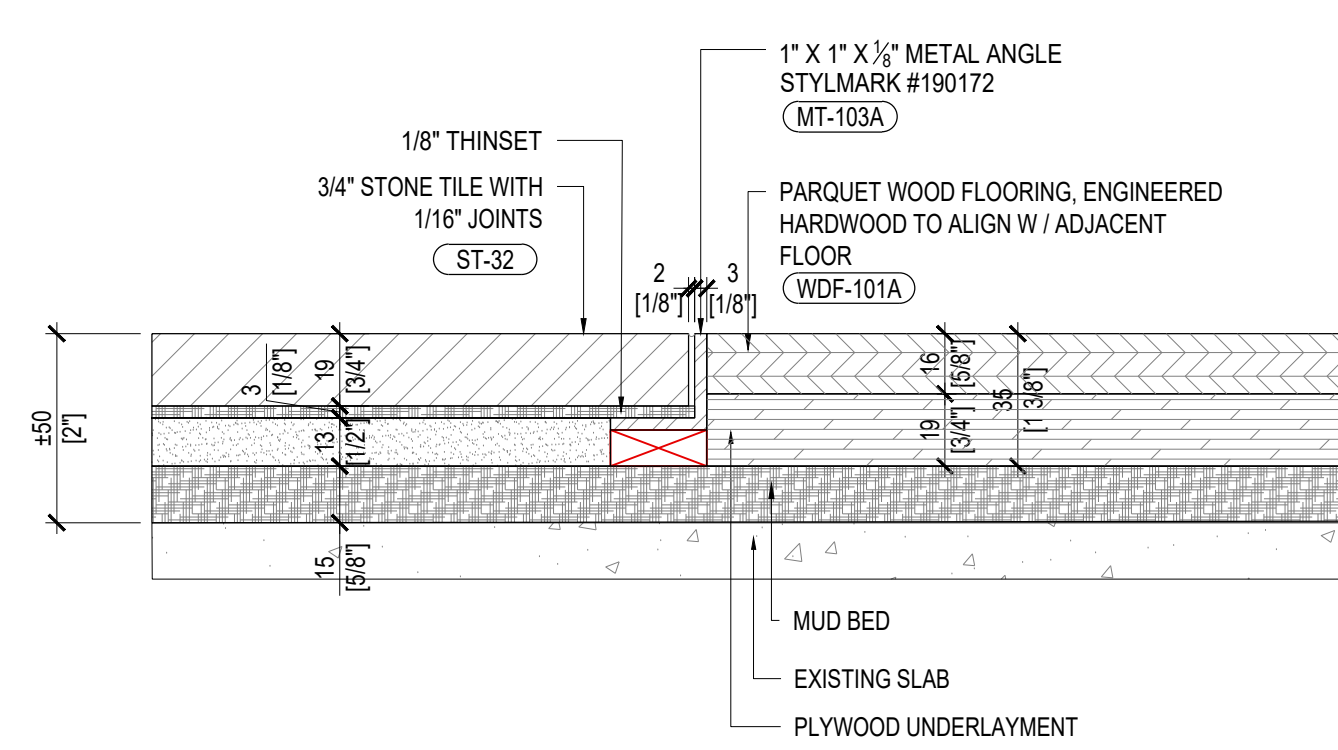
06 STEEL PLATE UNDER SAFE
1:2



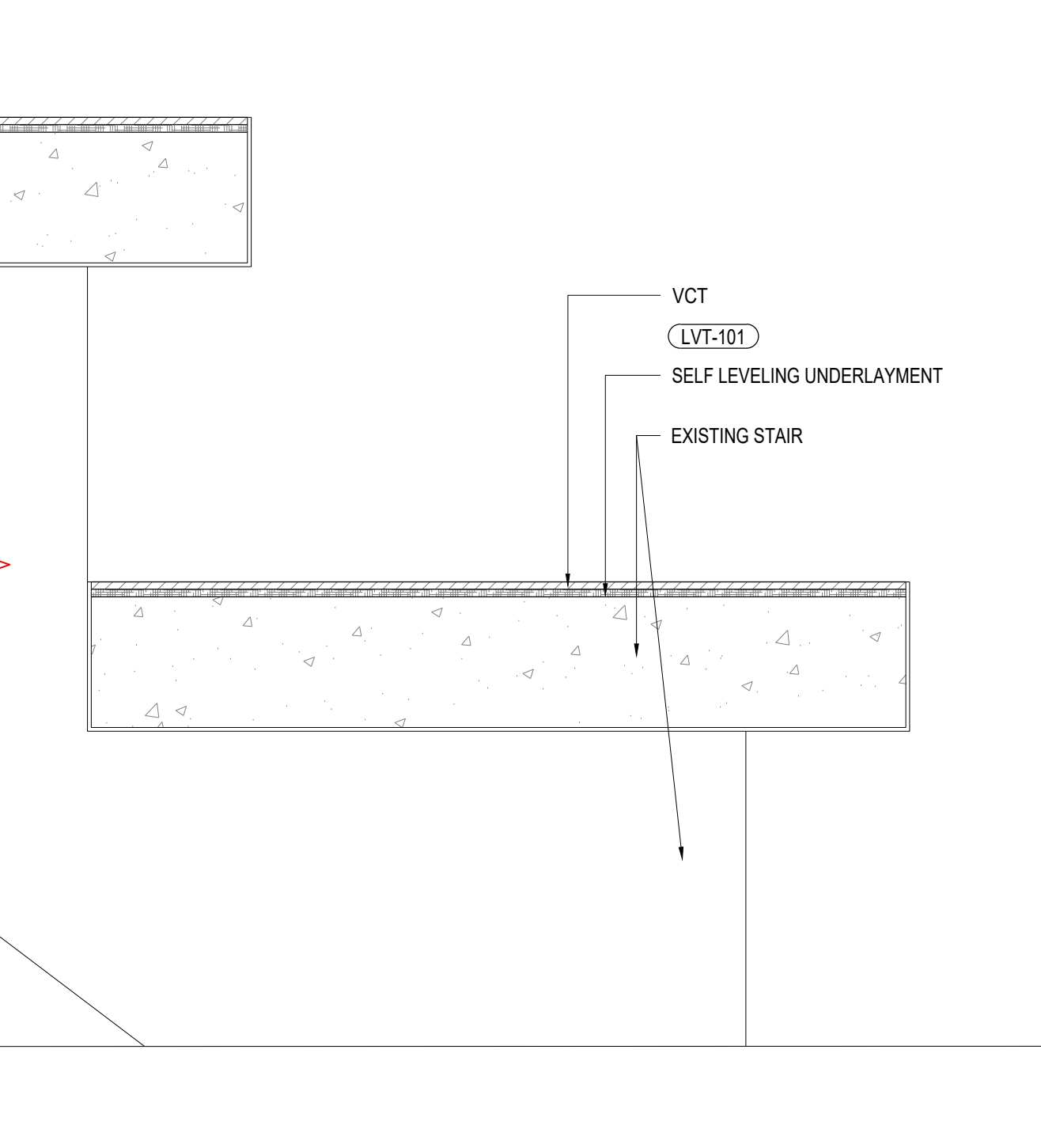
05 FLOOR TRANSITION DETAIL
@ STONE TO LANDLORD EXTERIOR FINISH
1:2



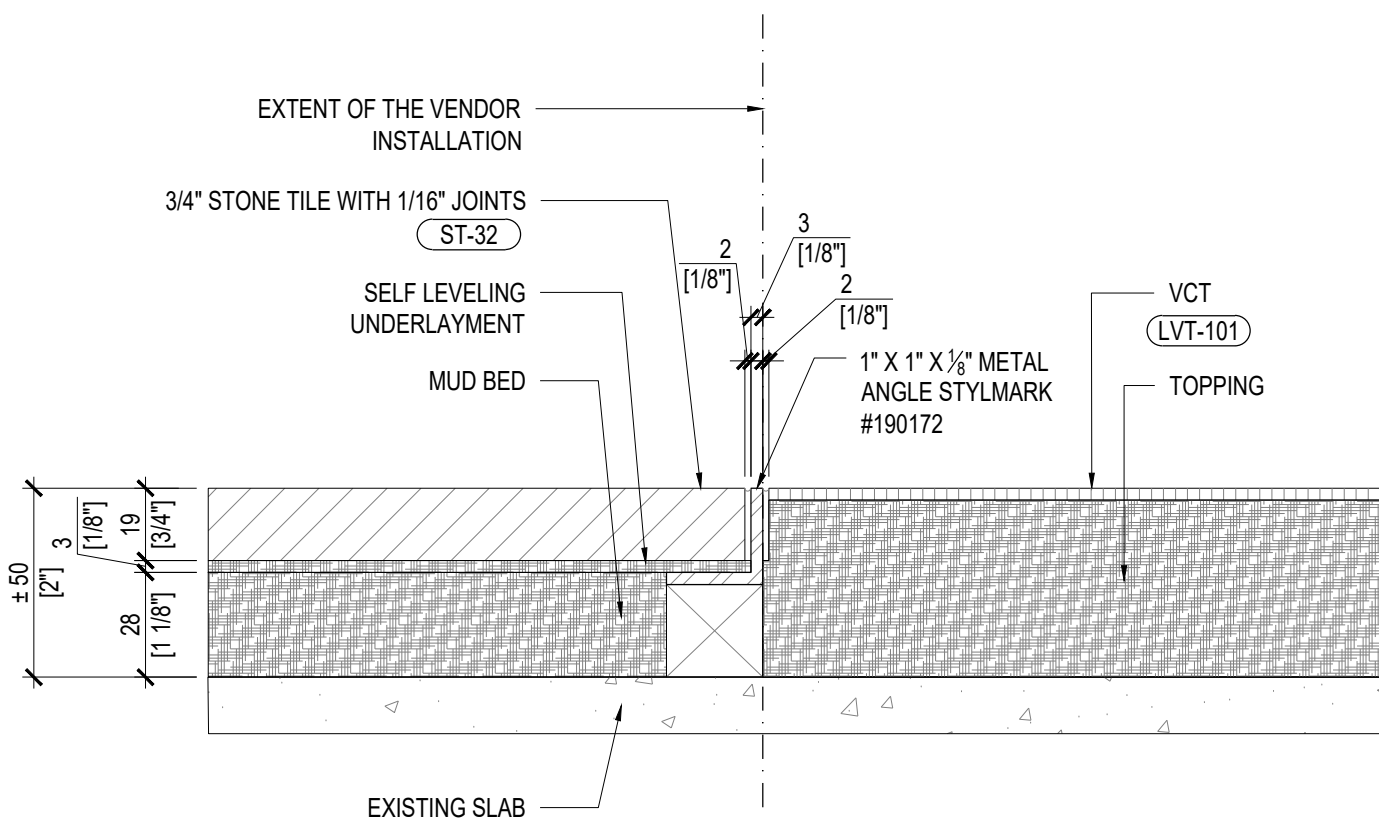
04 FLOOR TRANSITION DETAIL
@ AREA RUG TO WOOD
1:2



03 FLOOR TRANSITION DETAIL
@ WOOD TO STONE
1:2



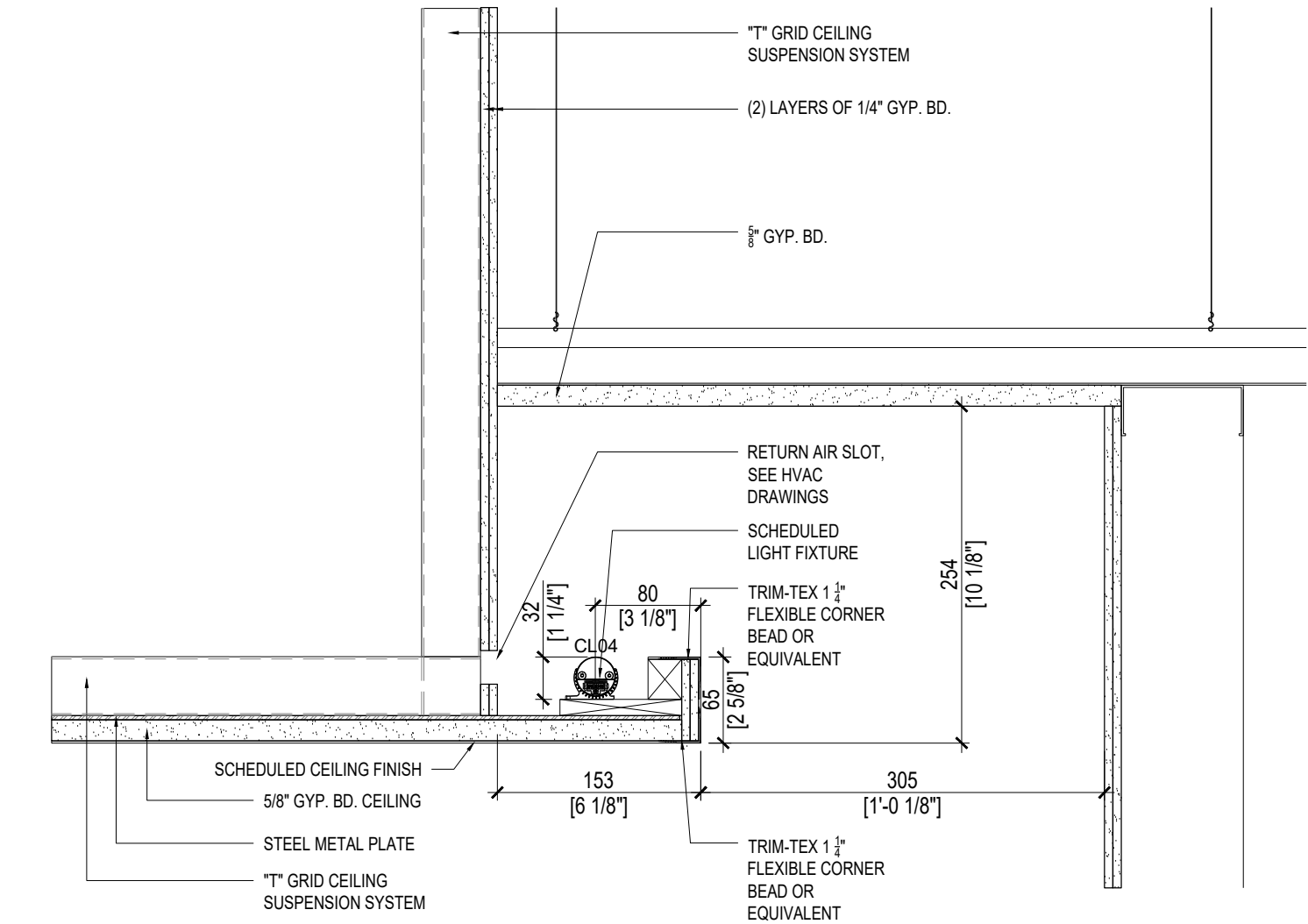
08 STEP DETAIL
@ STAIR
1:2



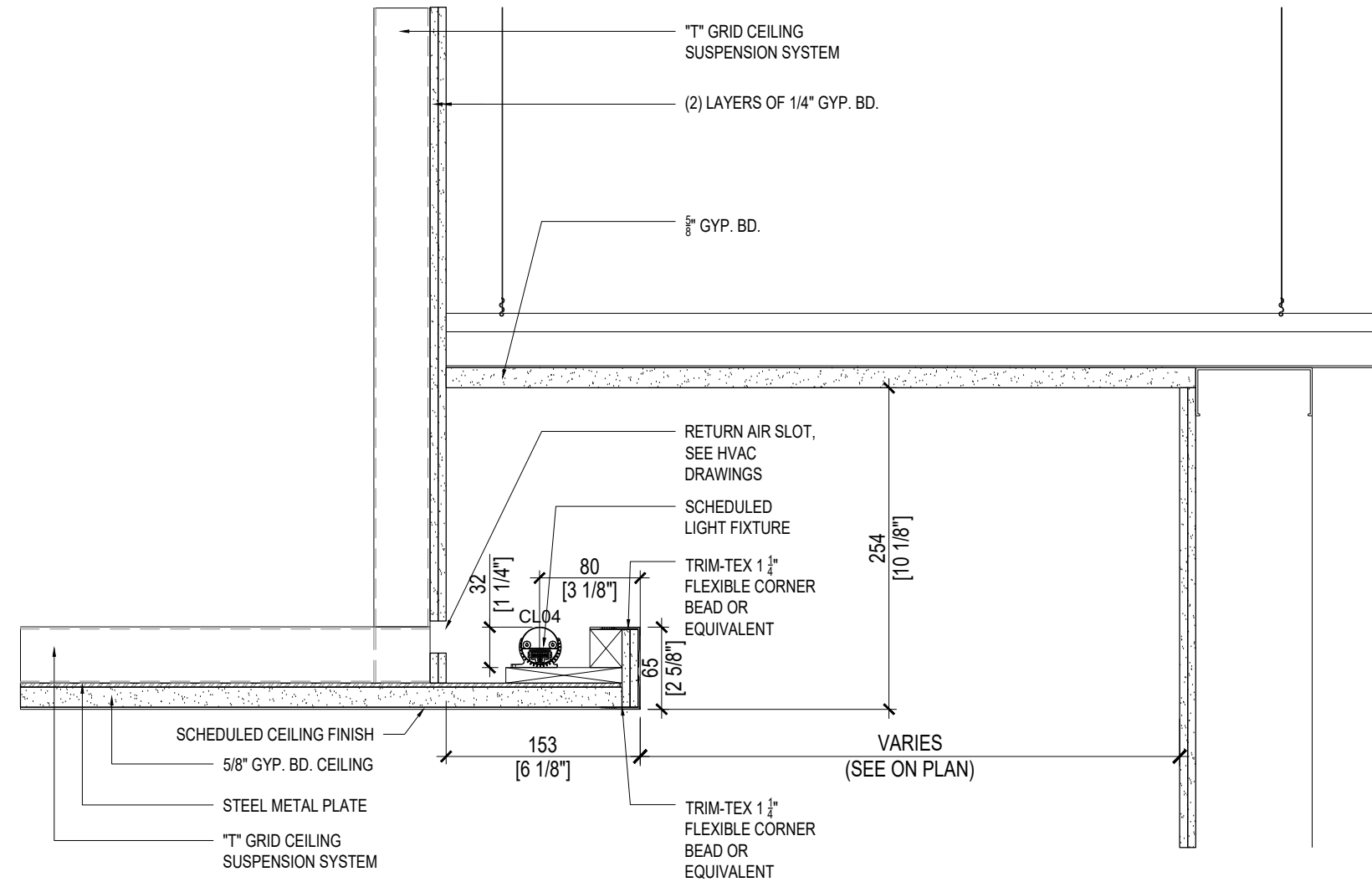
07 FLOOR TRANSITION DETAIL
@ STONE TO VCT
1:2

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

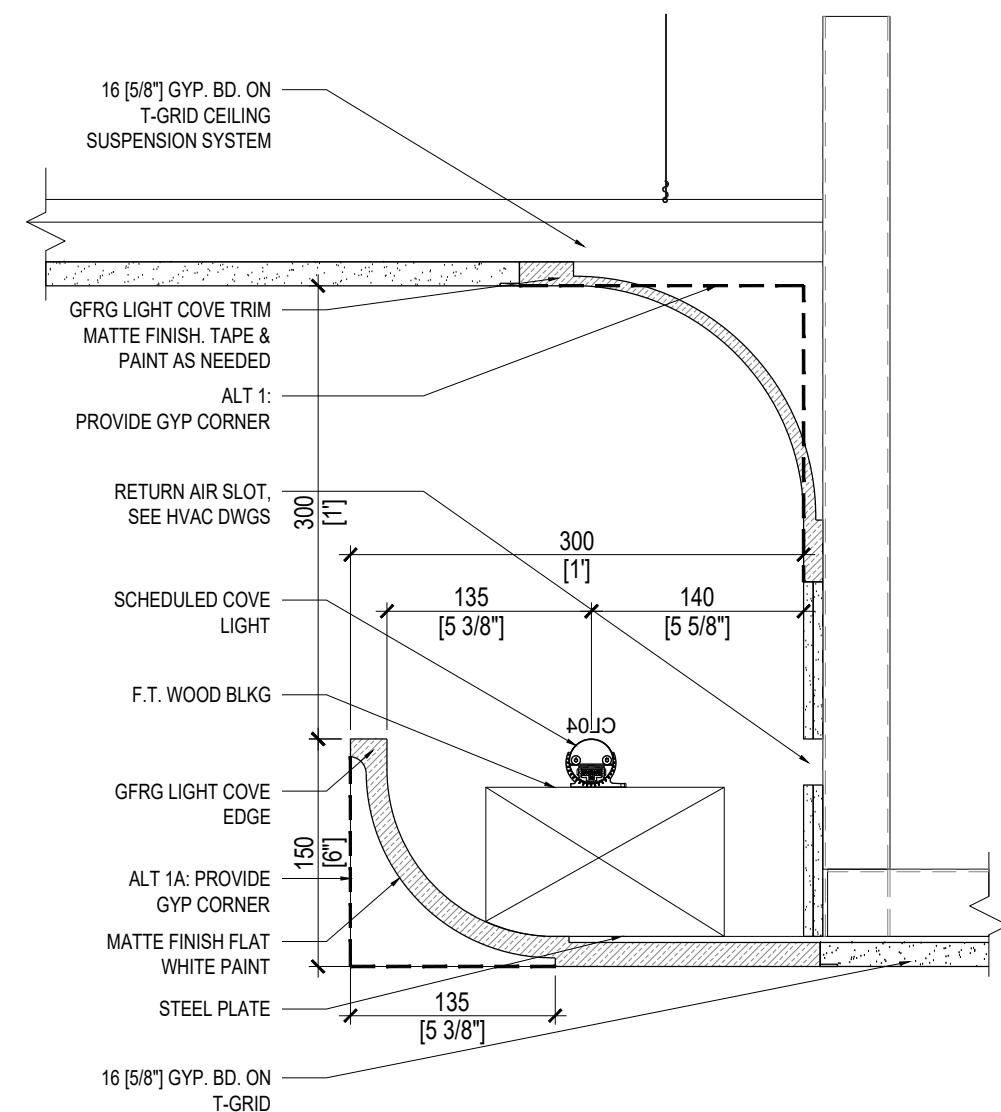
CLIENT:	
TIFFANY & CO.	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON LOCAL ARCHITECT:	
CHECKED BY: xx	
SHEET NAME:	
BASE AND TRANSITION DETAILS	
SHEET NUMBER:	
A 7.20	



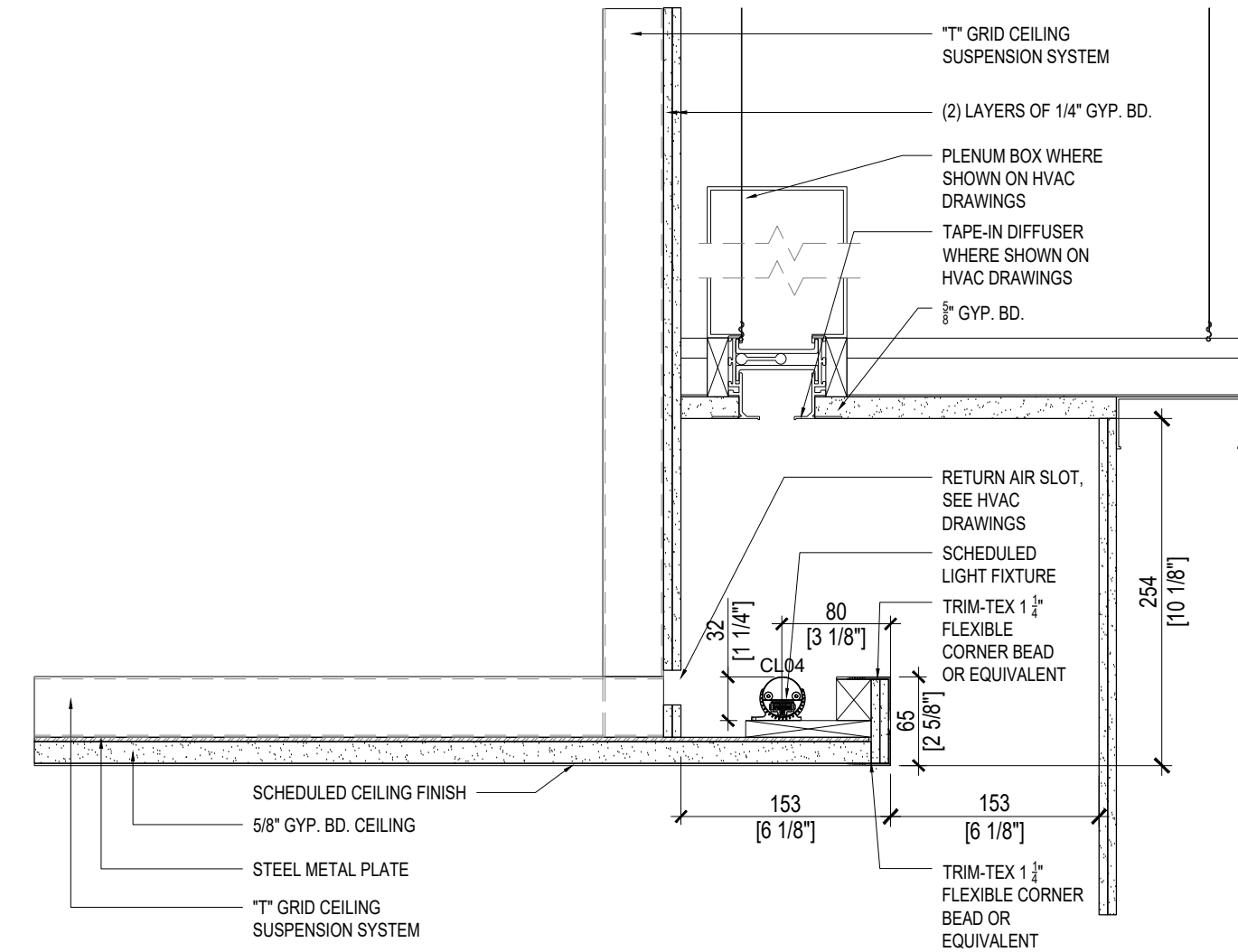
04 CEILING DETAIL @ FEATURE WALL
1:5



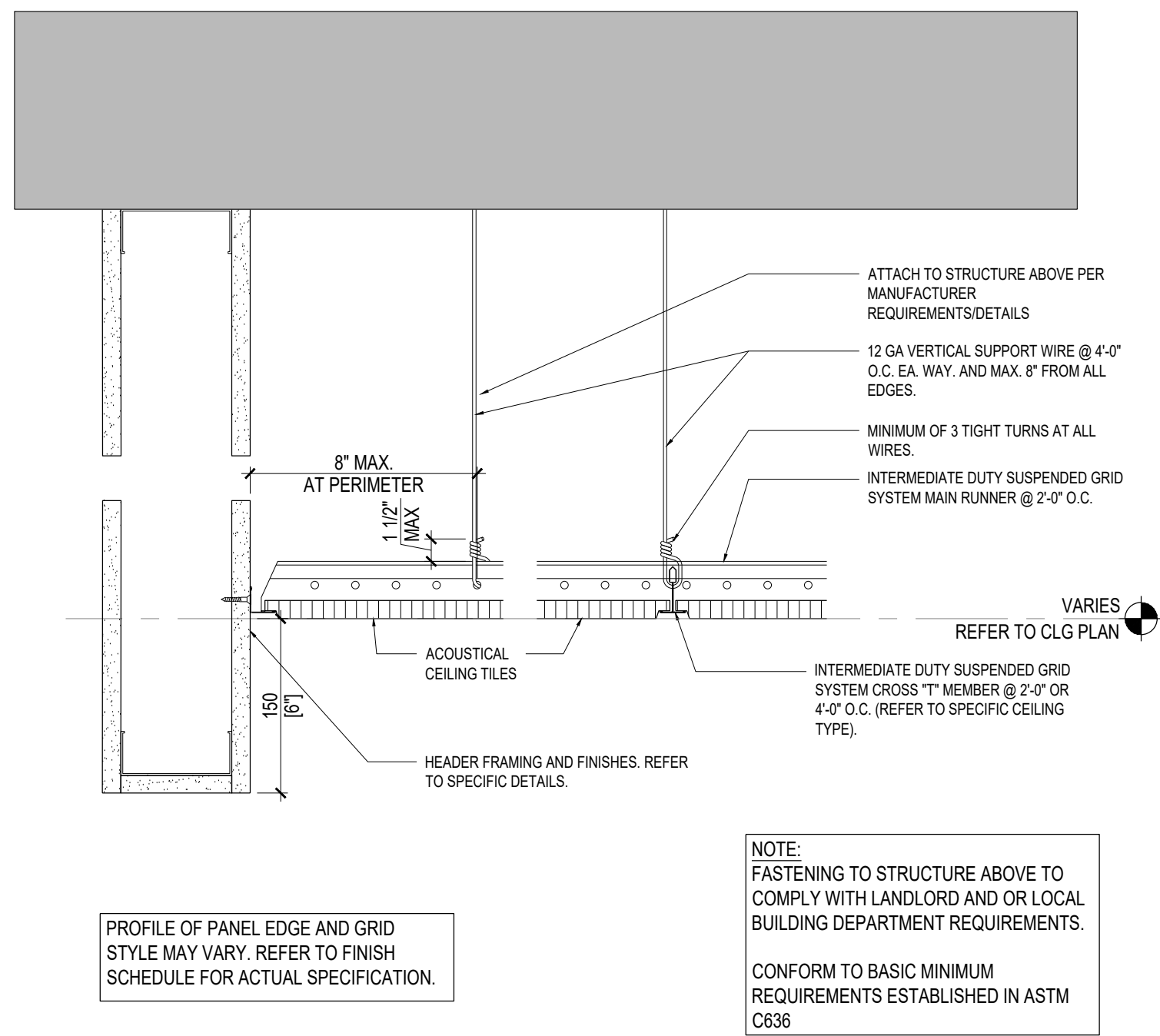
03 CEILING DETAIL @ L&E
1:5



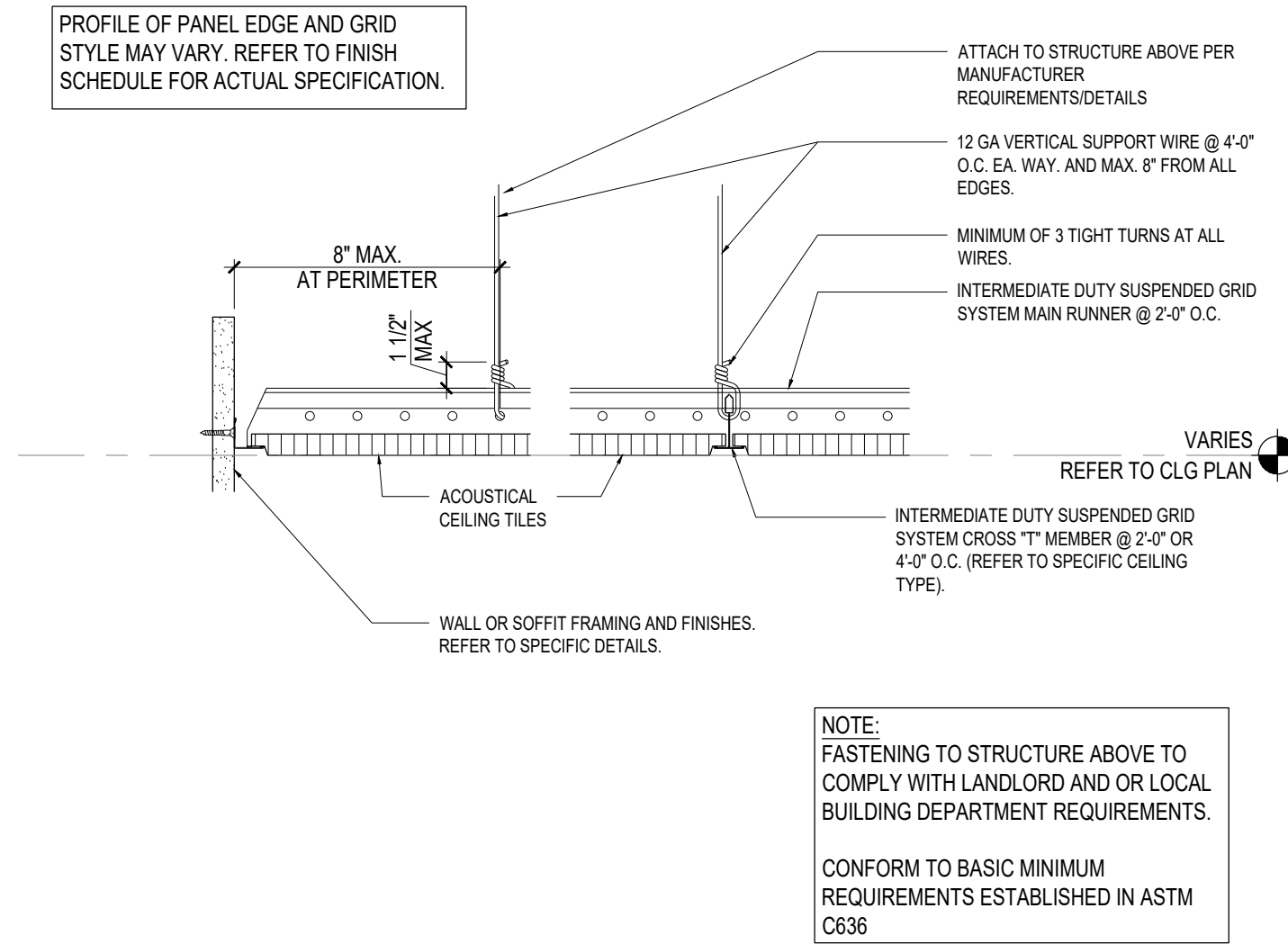
02 TYPICAL CEILING DETAIL
1:5



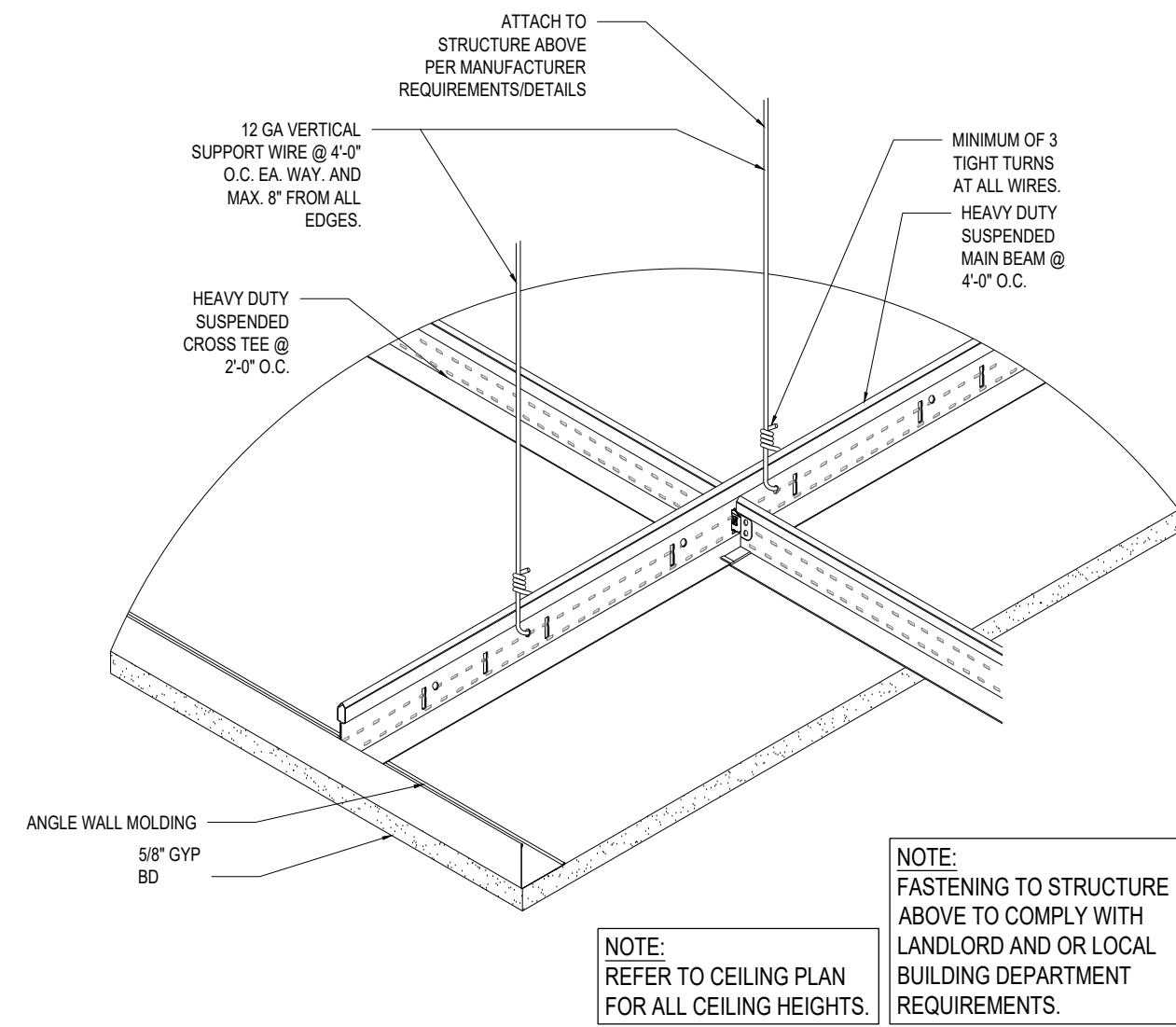
01 TYPICAL CEILING DETAIL
1:5



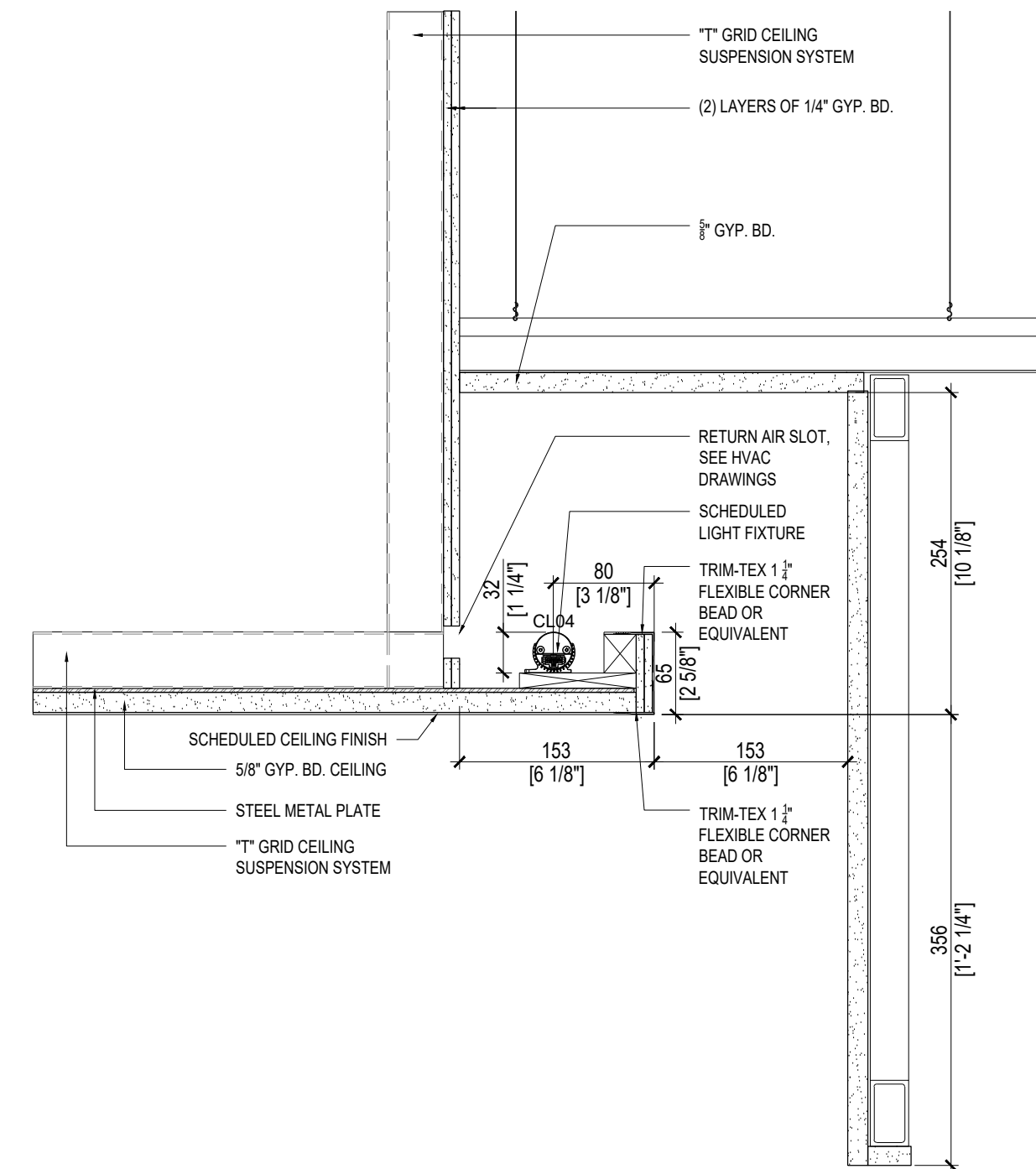
08 CEILING DETAIL @ ACT PANELS WITH HEADER IN BOH
1:5



07 TYPICAL CEILING DETAIL @ ACT PANELS WITH T-GRID SUPPORT
1:5



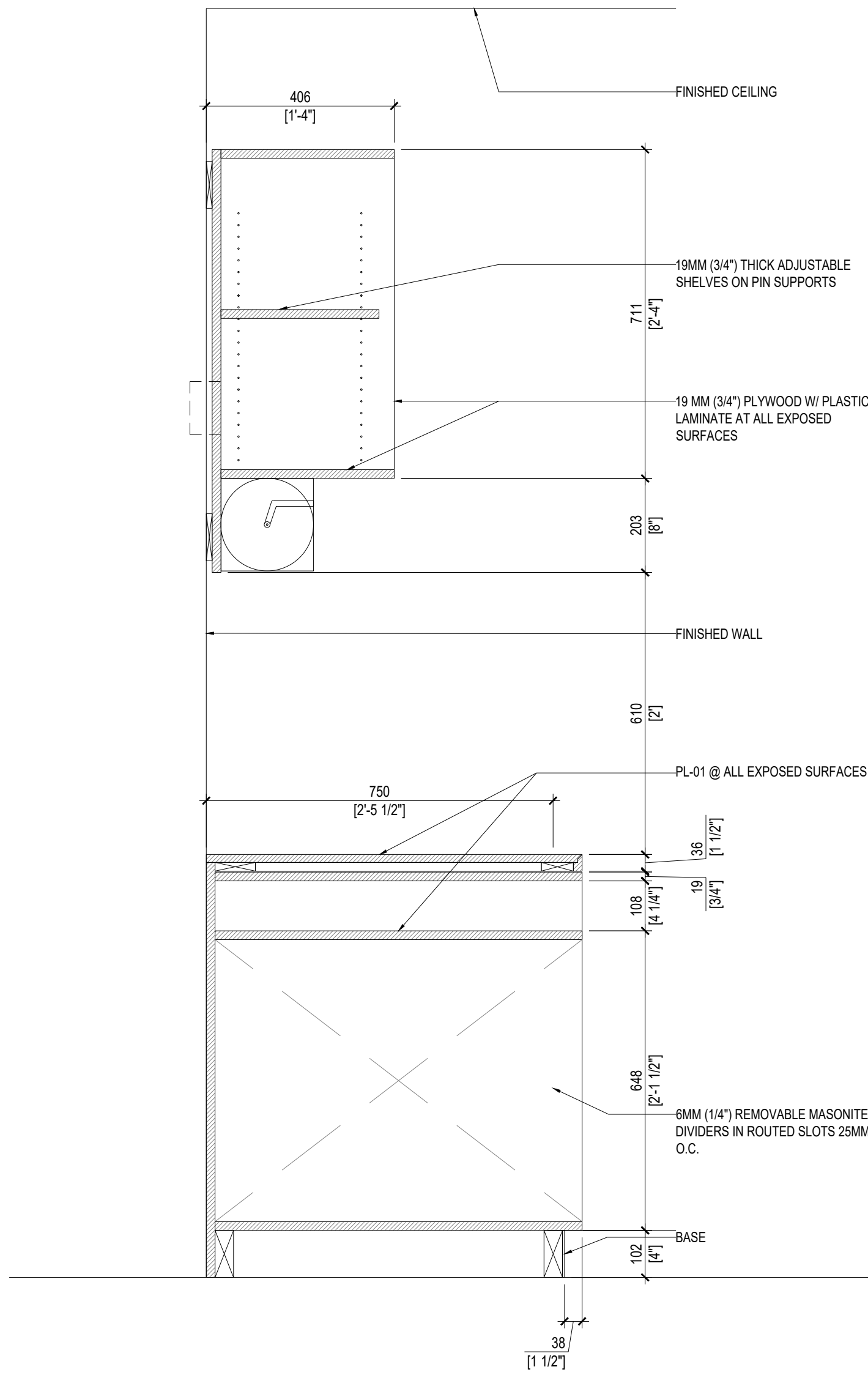
06 TYPICAL CEILING DETAIL @ GYP.BD. WITH T-GRID SUPPORT
1:5



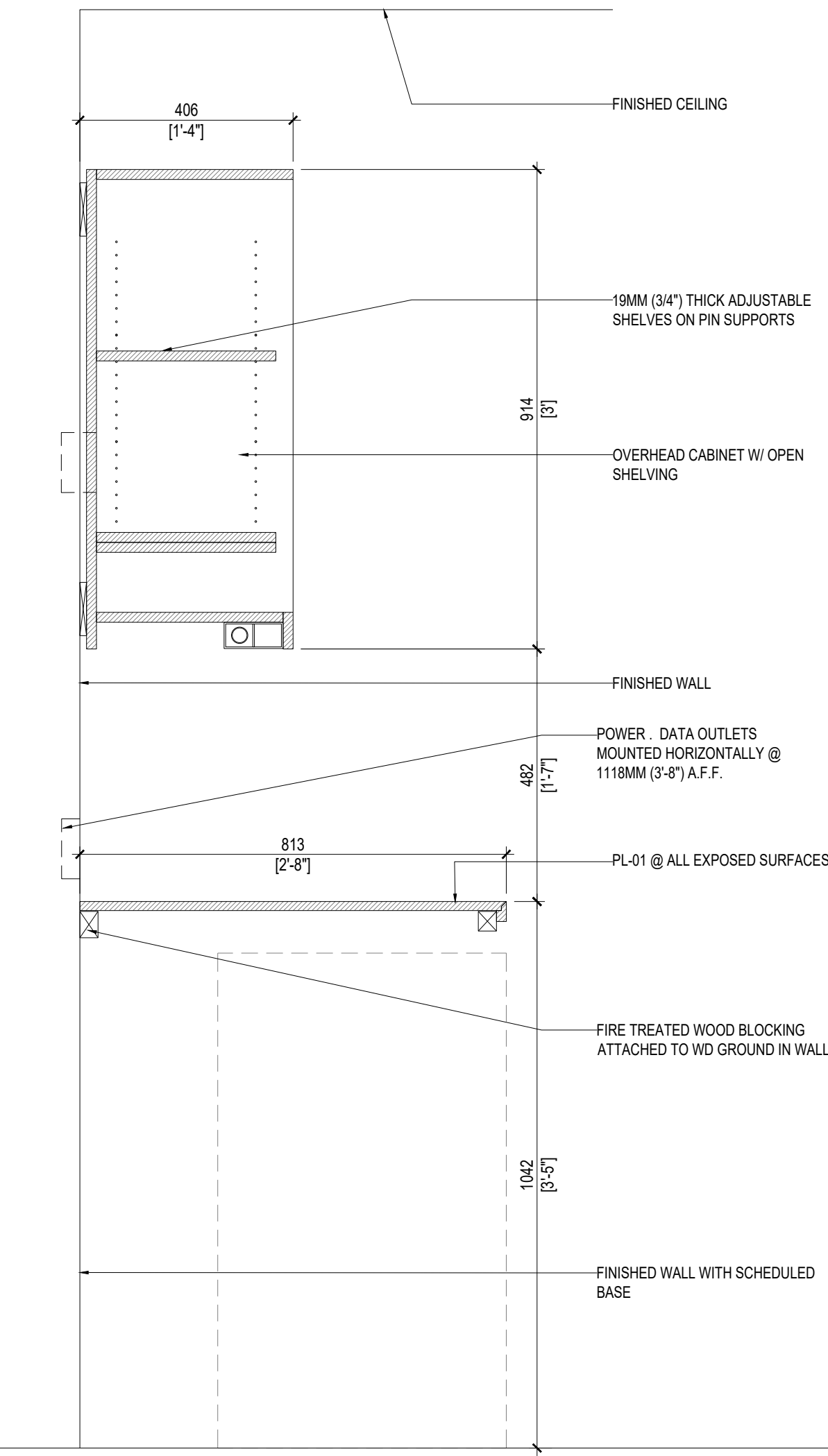
05 CEILING DETAIL @ STOREFRONT
1:5

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

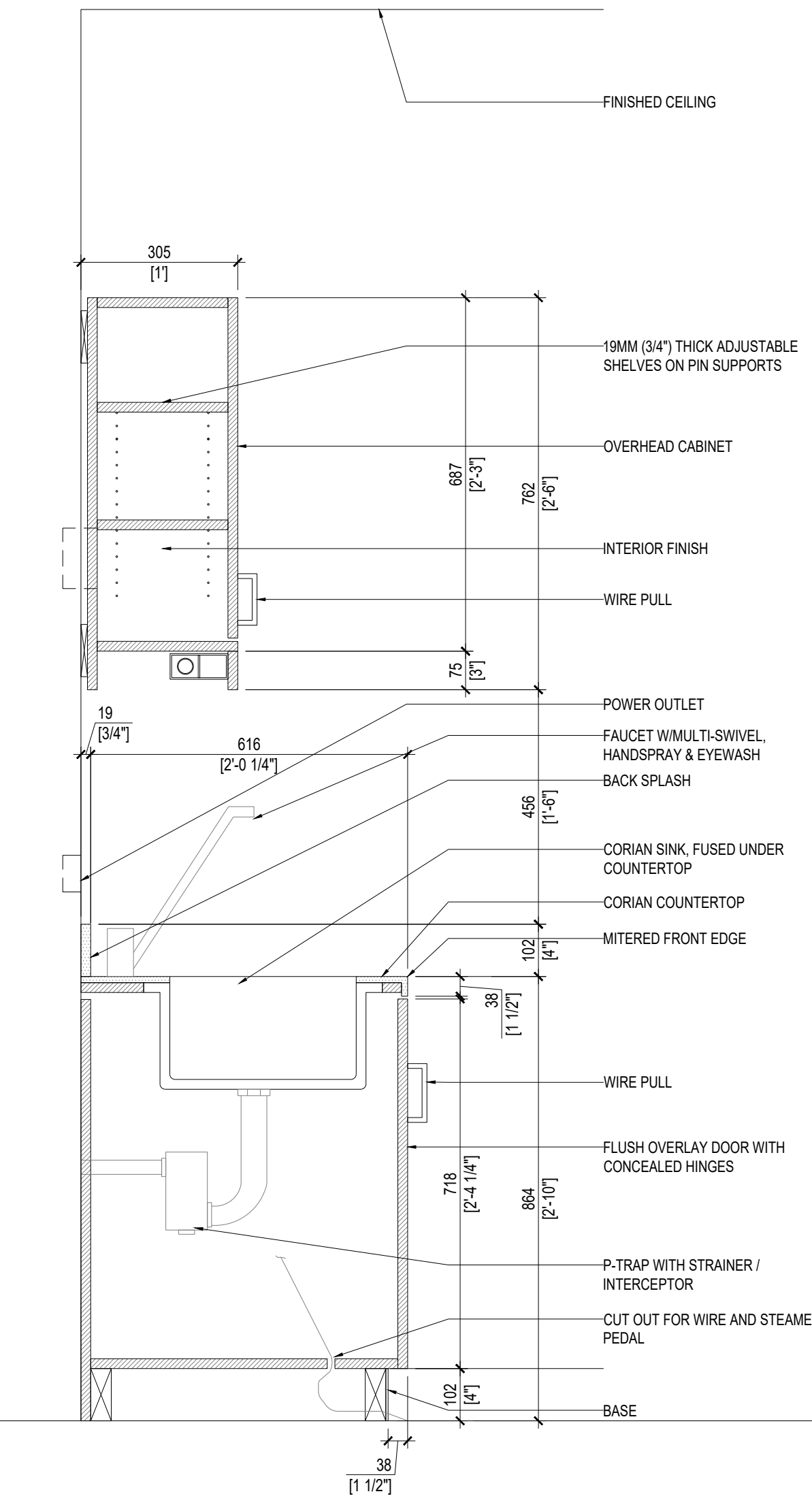
CLIENT: TIFFANY&CO.	
PROJECT: WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT: edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON LOCAL ARCHITECT:	
CHECKED BY: xx	
SHEET NAME: CEILING DETAILS	SHEET NUMBER: A 7.30



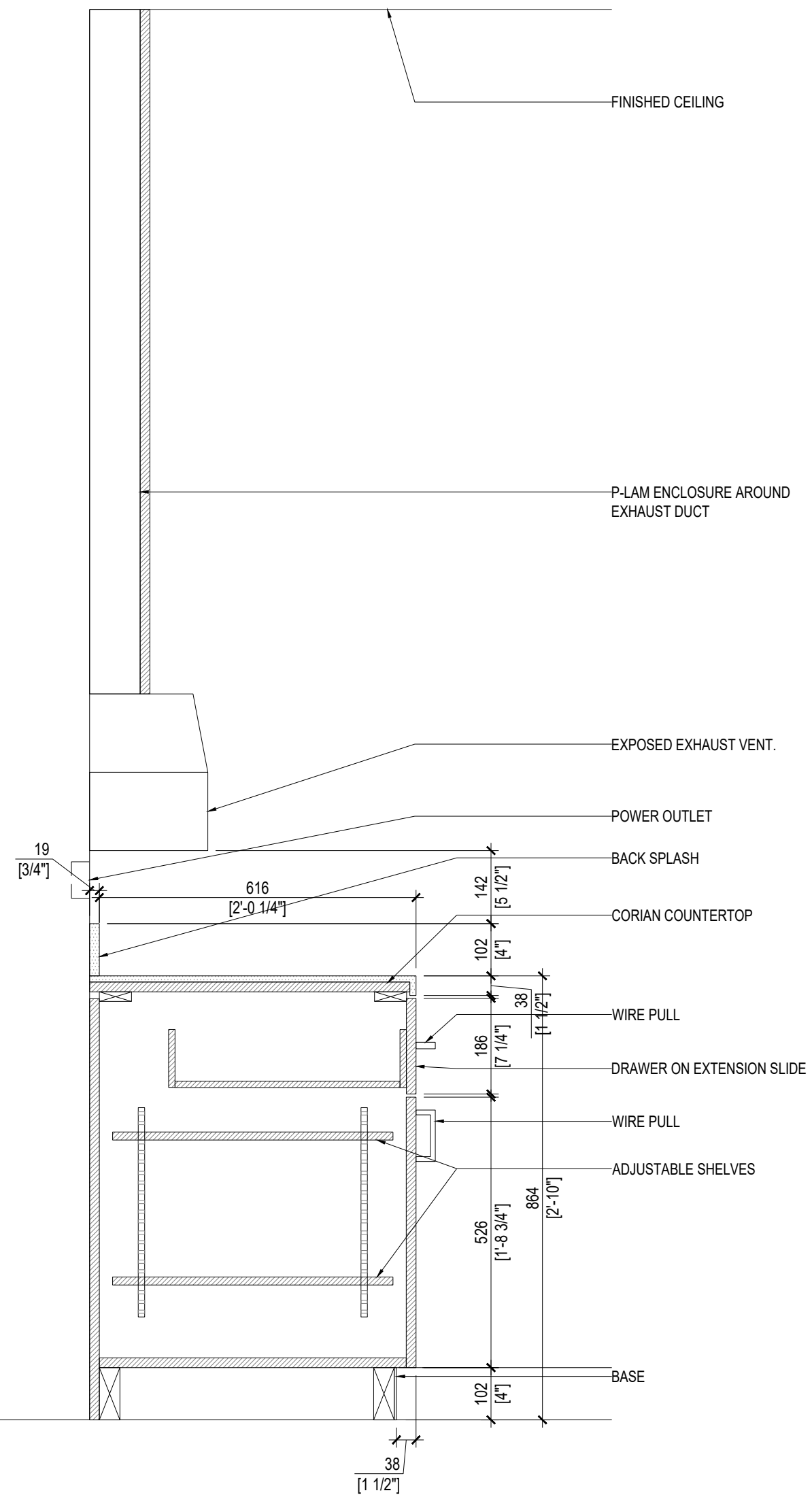
1 SECTION @ SHIPING & RECEIVING
1:10



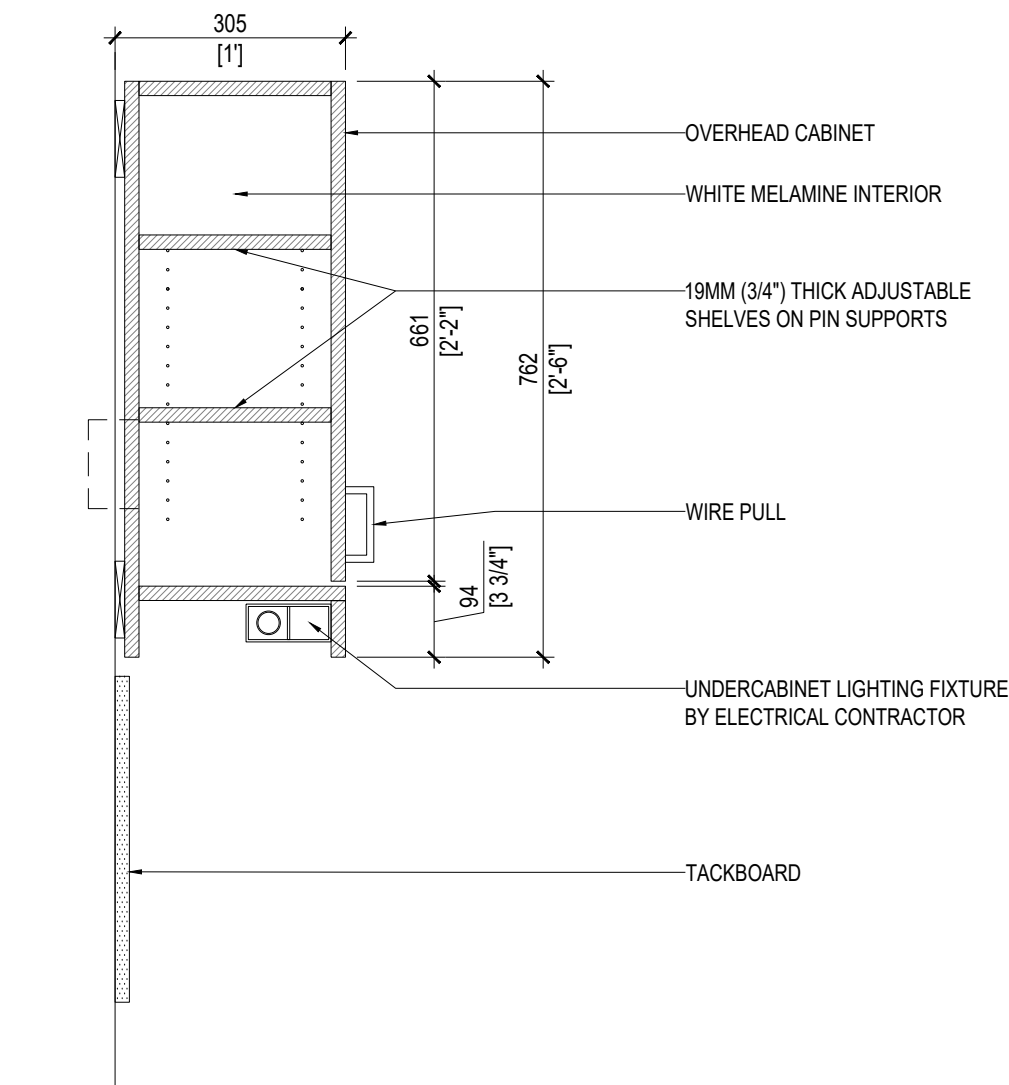
2 SECTION @ SHIPING & RECEIVING
1:10



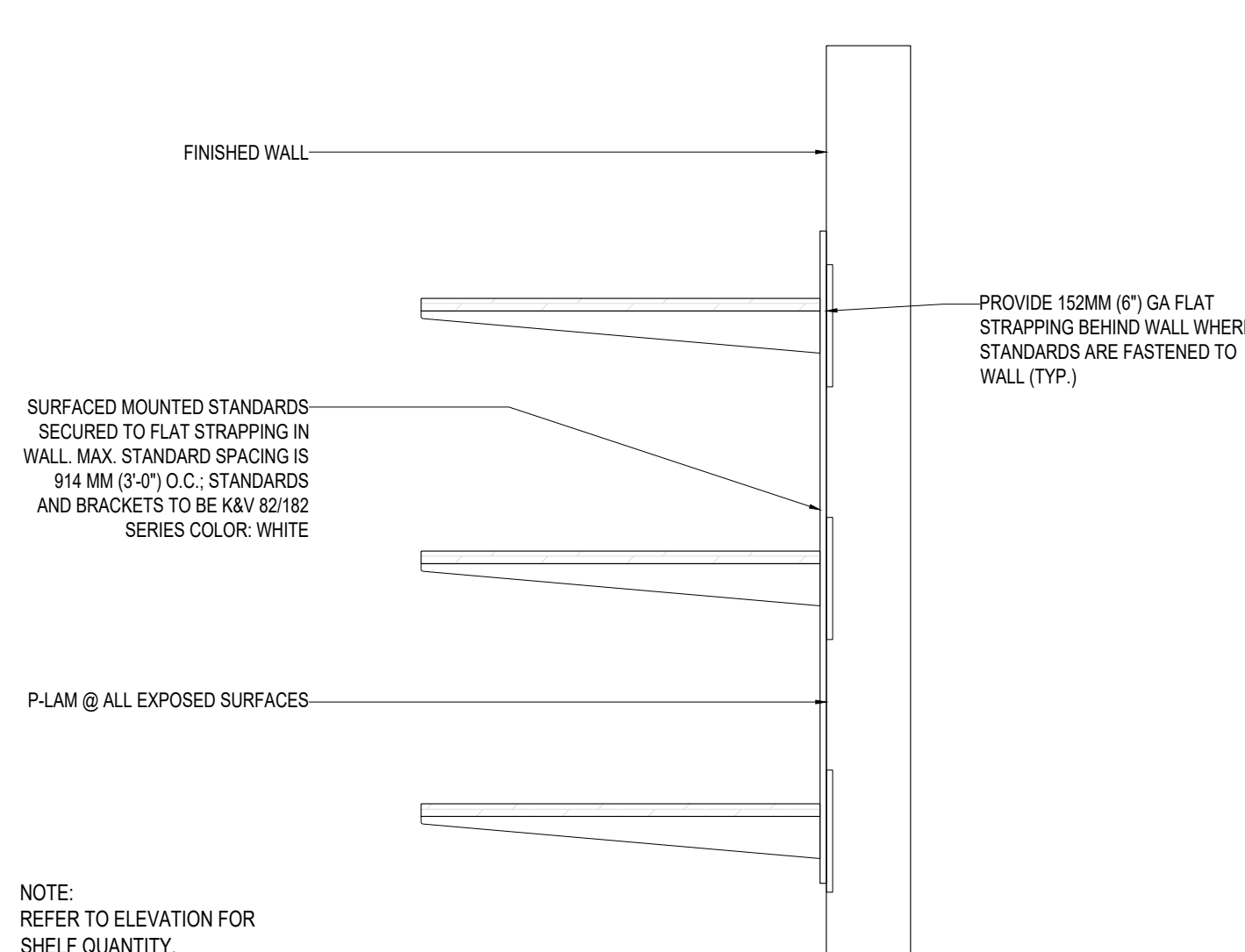
3 SECTION @ AFTER SALES COUNTER
1:10



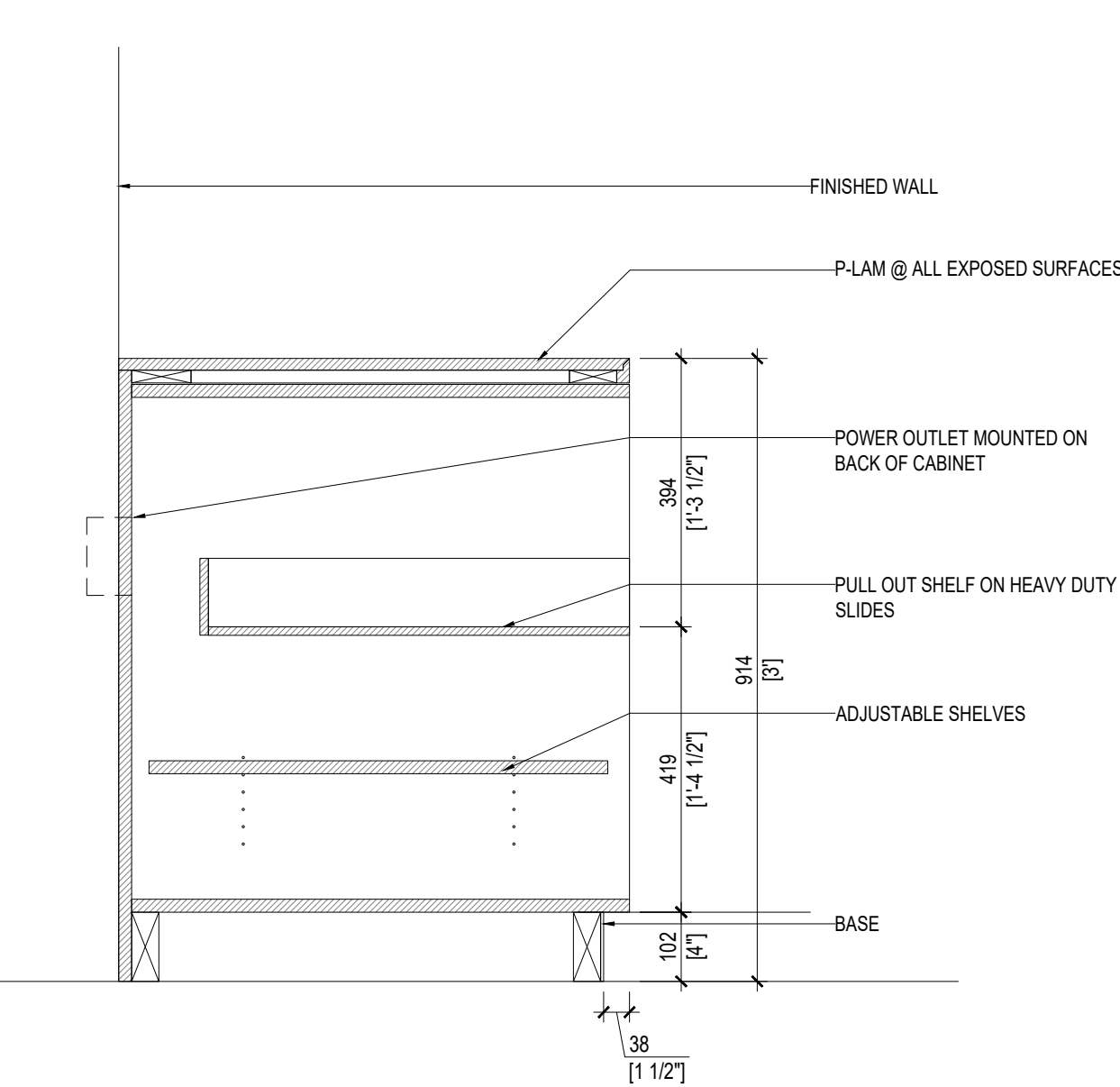
4 SECTION @ AFTER SALES COUNTER
1:10



5 SECTION @ OVERHEAD CABINET
1:10



6 SECTION @ SHELVES
1:10



7 SECTION @ SHIPING & RECEIVING COUNTER
1:10

SHEET NOTES

ALL PLASTIC LAMINATE CASEWORK AND SHELVES SHALL BE UNDER G.C. CONTRACT

ALL PLASTIC LAMINATE CASEWORK AND SHELVES TO BE PL-01 UNLESS OTHERWISE NOTED. SEE FINISH SCHEDULE. INTERIOR OF CABINETS AND DRAWERS TO HAVE WHITE MELAMINE FINISH.

ALL OPEN SHELVING OR SHELVES IN CLOSETS TO BE 19MM (3/4") PLYWOOD OR MDF WITH PLASTIC LAMINATE (PL-01) FINISH AT ALL SIDES AND EDGES. SHELF HARDWARE: STANDARDS: K&V #82 - WHITE BRACKETS: K&V #162 - WHITE (WIDTH AS REQUIRED)

ALL SHELVES IN CABINETS TO BE 3/4" PLYWOOD OR 19MM (3/4") PARTICLE BOARD WITH WHITE MELAMINE AT ALL EXPOSED SURFACES. SHELVES IN CABINETS TO BE ON THE FOLLOWING: HARDWARE: STANDARDS: K&V #225 AL. WISHELF SUPPORTS: K&V256 AL OR PIN SHELF SUPPORTS: K&V #348

CASE WORK HARDWARE: DRAWER SLIDES: ACCURIED FULL EXTENSION SLIDES CONCEALED HINGES: BLUM "MODULE" 170 OR EQUAL (TYP. AT ALL CAB. DOORS) DOOR & DRAWER PULLS: BRUSHED CHROME WIRE PULLS LAM. BINNING STRIPS: OUTWEAR PLASTICS #282-CL. COLOR: CLEAR

PROVIDE FIRE TREATED WOOD GROUNDS IN WALLS FOR SECURING OF ALL SHELF BRACKETS, CABINETS AND COUNTERS

SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PLASTIC LAMINATE CASEWORK. SHOP DRAWINGS TO INCLUDE ALL FILED DIMENSIONS AND PROPOSED HARDWARE

ALL PLASTIC LAMINATE CASEWORK TO HAVE RUBBER BASE

ALL MDF USED IN CASEWORK SHALL BE NON-FORMADHYDE CORE

G.C. TO PROVIDE BOH MILLWORK FABRICATOR WITH APPLIANCE & PLUMBING FIXTURE SUBMITTAL AT TIME OF SHOP DRAWING PREPARATION TO VERIFY SIZES OF ALL APPLIANCES & PLUMBING FIXTURES IN MILLWORK FABRICATOR TO MODIFY DIMENSIONS ACCORDINGLY

GENERAL NOTES

REFER TO EQUIPMENT AND PLUMBING FIXTURE SCHEDULE FOR SPECIFICATIONS.

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:
BOH SECTIONS
AFTERSALES, SHIPPING /
RECEIVING

SHEET NUMBER:

A 7.50

ALL PLASTIC LAMINATE CASEWORK AND SHELVES SHALL BE UNDER G.C. CONTRACT

ALL PLASTIC LAMINATE CASEWORK AND SHELVES TO BE PL-01 UNLESS OTHERWISE NOTED. SEE FINISH SCHEDULE. INTERIOR OF CABINETS AND DRAWERS TO HAVE WHITE MELAMINE FINISH.

SHELF HARDWARE:
STANDARDS: K&V #82 - WHITE
BRACKETS: K&V #182 - WHITE (WIDTH AS REQUIRED)

HARDWARE:
STANDARDS: K&V #225 AL, W/SHELF SUPPORTS: K&V256 AL OR PIN
SHELF SUPPORTS: K&V #348

PROVIDE FIRE TREATED WOOD GROUNDS IN WALLS FOR SECURING OF A
SHELF BRACKETS, CABINETS AND COUNTERS

ALL PLASTIC LAMINATE CASEWORK TO HAVE RUBBER BASE

U.S.C. TO PROVIDE BOTH MILLWORK FABRICATOR WITH APPLIANCE & PLUMBING
FIXTURE SUBMITTAL AT TIME OF SHOP DRAWING PREPARATION TO VERIFY
SIZES OF ALL APPLIANCES & PLUMBING FIXTURES IN MILLWORK FABRICATOR
TO MODIFY DIMENSIONS ACCORDINGLY

REFER TO EQUIPMENT AND PLUMBING FIXTURE SCHEDULE FOR SPECIFICATIONS

CLIENT:

PROJECT:

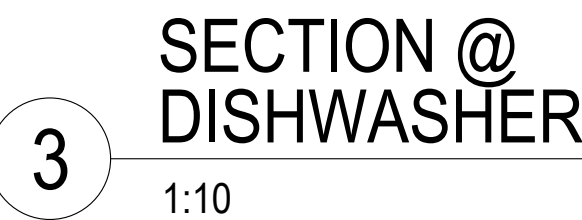
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

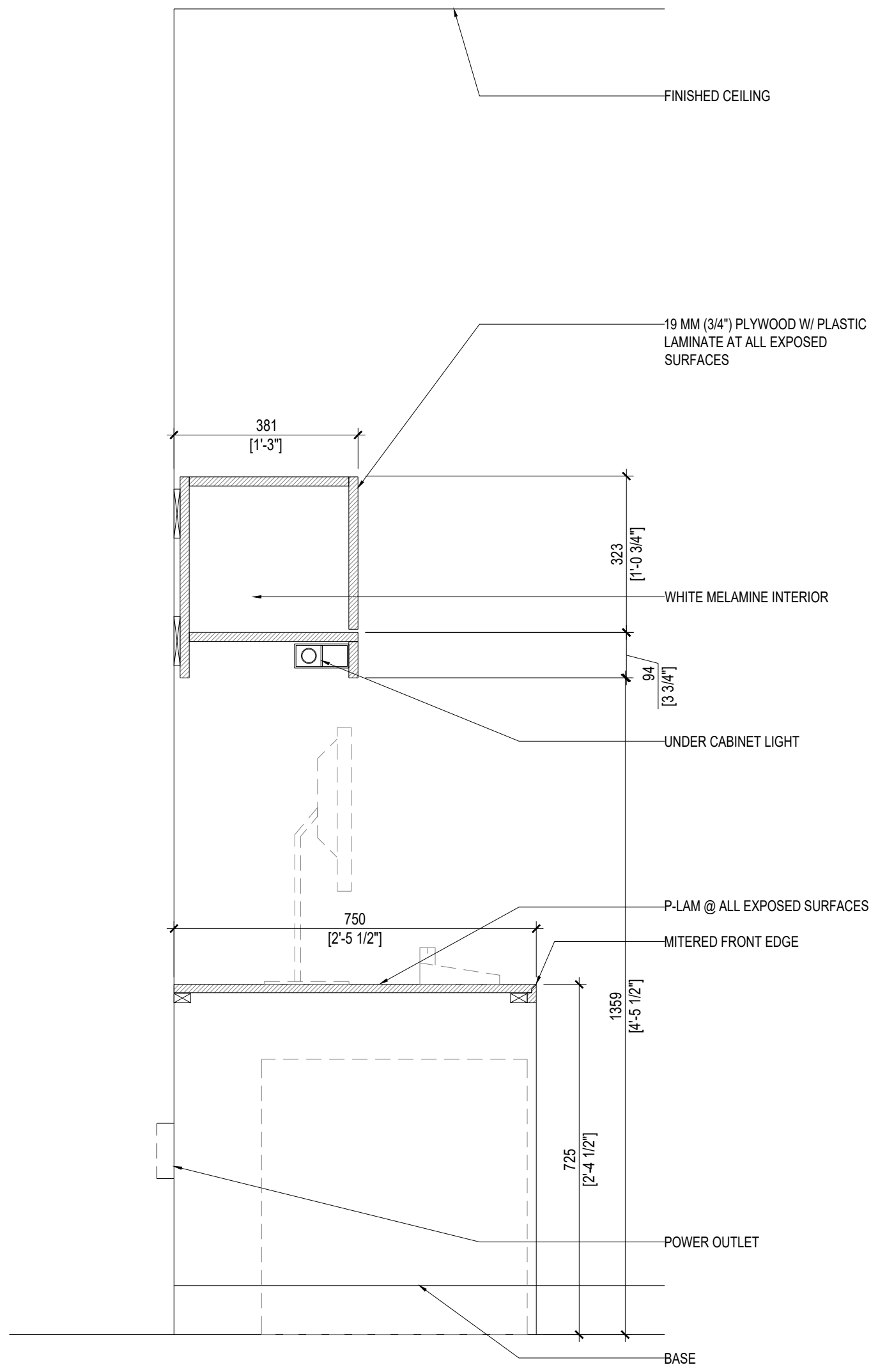
CHECKED BY: xx

LOCAL ARCHITECT:

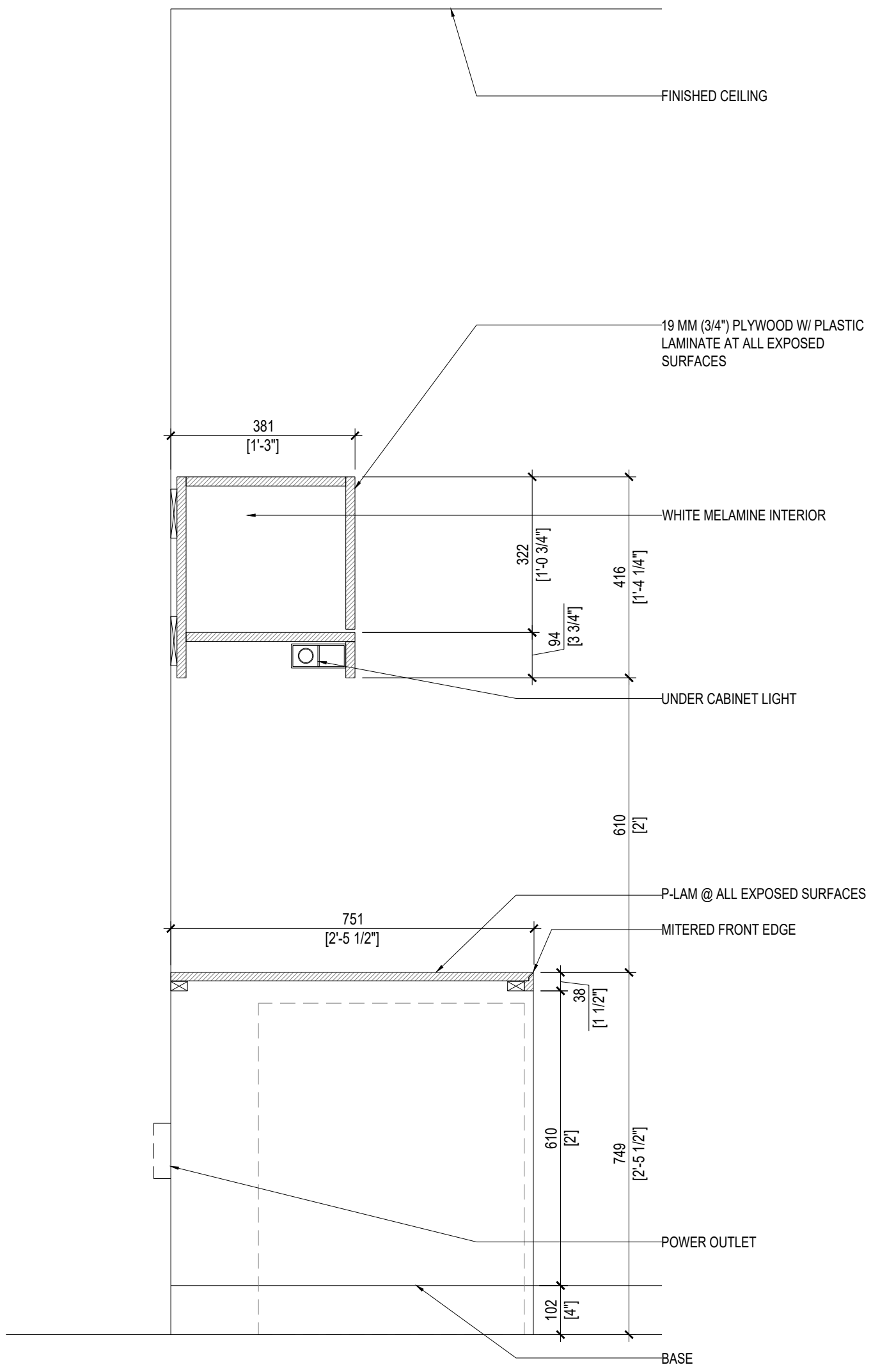
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BOH SECTIONS PANTRY	A 7.51
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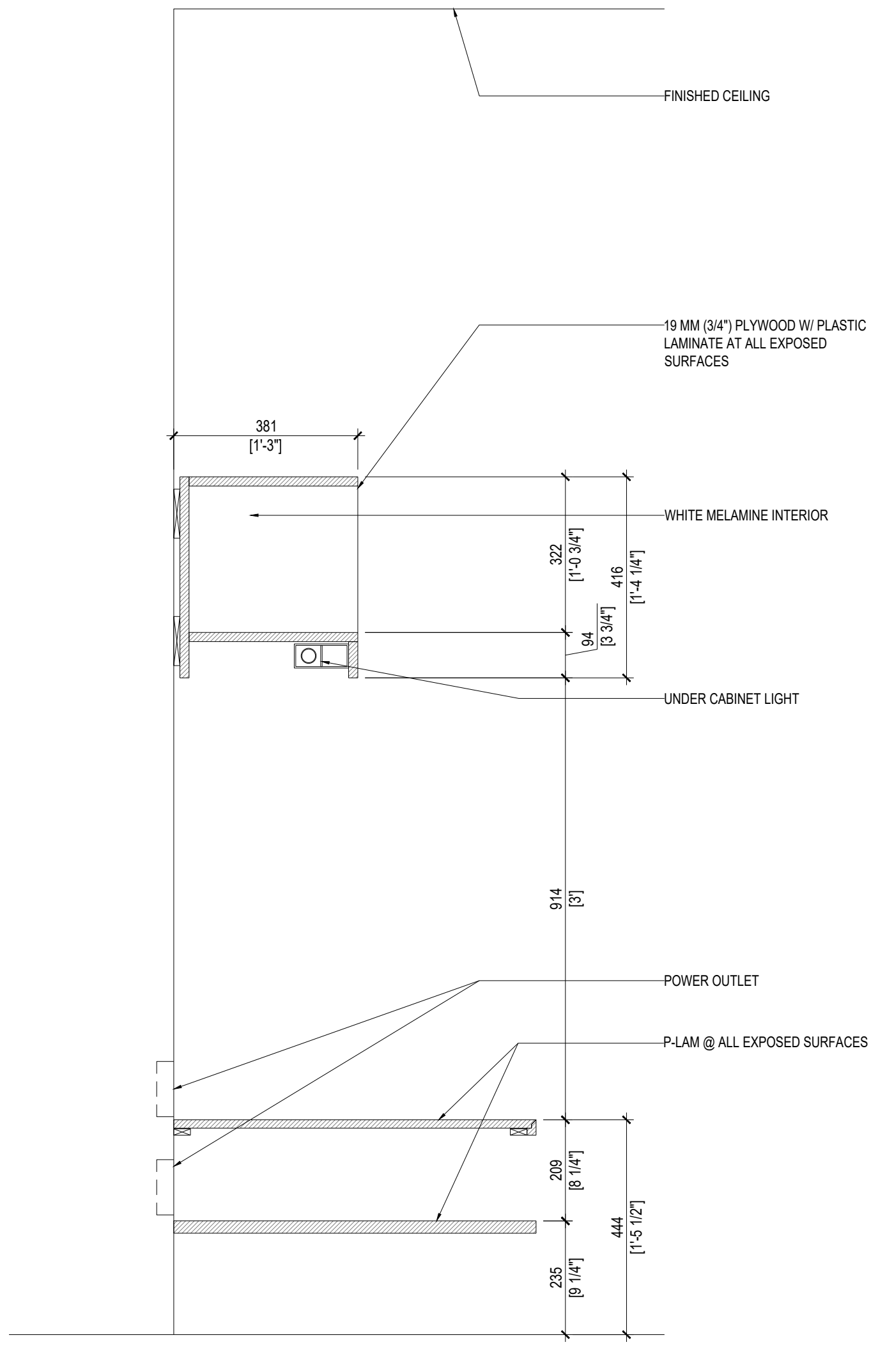




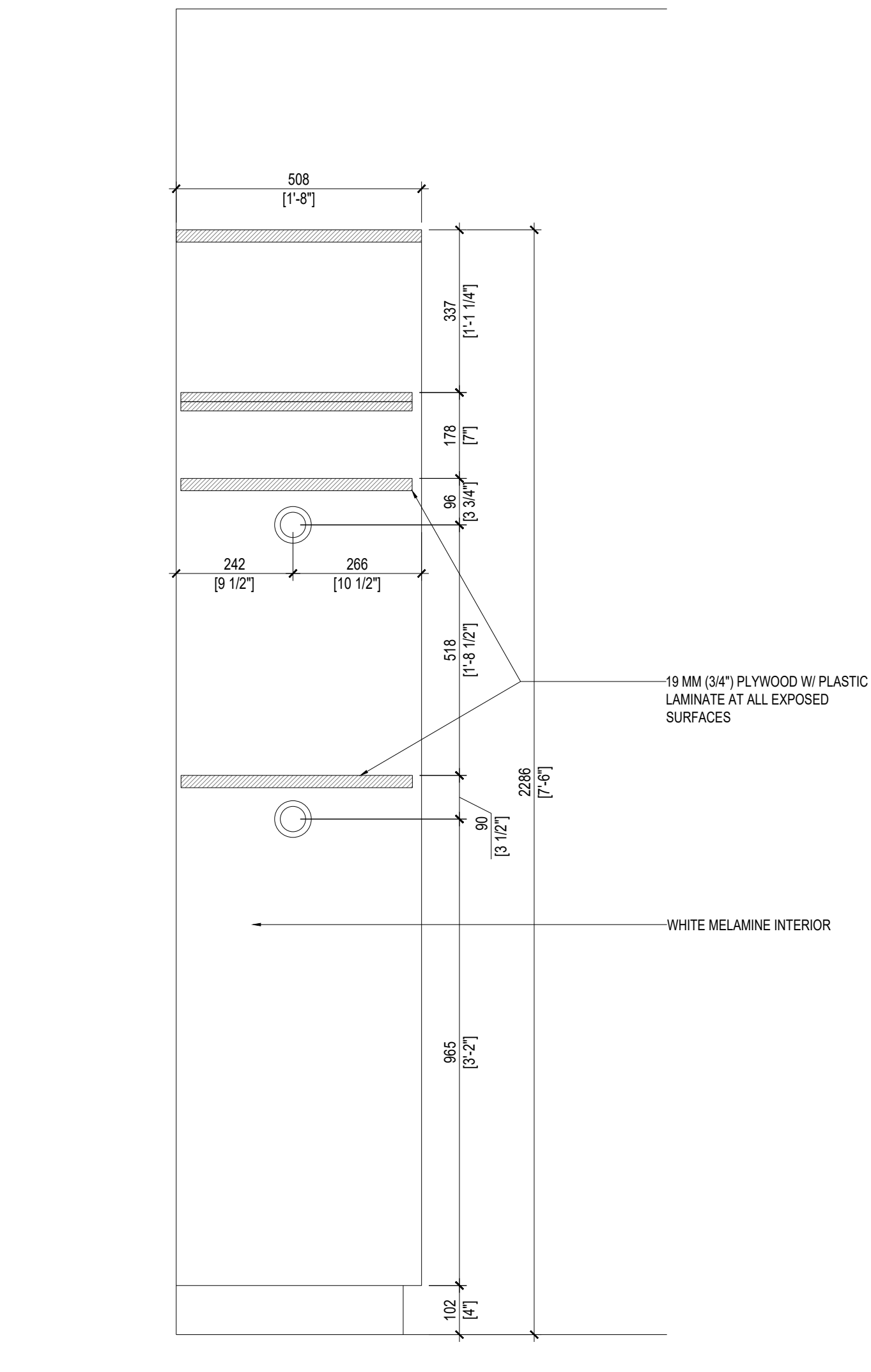
1 SECTION @ OPERATIONS AREA
1:10



2 SECTION @ EQUIPMENT COUNTER
1:10



3 SECTION @ EQUIPMENT COUNTER
1:10



4 SECTION @ COAT CLOSET
1:10

SHEET NOTES

- ALL PLASTIC LAMINATE CASEWORK AND SHELVES SHALL BE UNDER G.C. CONTRACT
- ALL PLASTIC LAMINATE CASEWORK AND SHELVES TO BE PL-01 UNLESS OTHERWISE NOTED. SEE FINISH SCHEDULE. INTERIOR OF CABINETS AND DRAWERS TO HAVE WHITE MELAMINE FINISH.
- ALL OPEN SHELVING OR SHELVES IN CLOSETS TO BE 19MM (3/4") PLYWOOD OR MDF WITH PLASTIC LAMINATE (PL-01) FINISH AT ALL SIDES AND EDGES.
- SHELF HARDWARE:
STANDARDS: K&V #82 - WHITE
BRACKETS: K&V #162 - WHITE (WIDTH AS REQUIRED)
- ALL SHELVES IN CABINETS TO BE 3/4" PLYWOOD OR 19MM (3/4") PARTICLE BOARD WITH WHITE MELAMINE AT ALL EXPOSED SURFACES. SHELVES IN CABINETS TO BE ON THE FOLLOWING:
HARDWARE:
STANDARDS: K&V #225 AL. WISHELF SUPPORTS. K&V266 AL OR PIN SHELF SUPPORTS. K&V #348
- CASE WORK HARDWARE:
DRAWER SLIDES:
ACCURIED FULL EXTENSION SLIDES
CONCEALED HINGES:
BLUM "MODULE" 170 OR EQUAL (TYP. AT ALL CAB. DOORS)
DOOR & DRAWER PULLS:
BRUSHED CHROME WIRE PULLS
LAM. BINNING STRIPS:
OUTWEAR PLASTICS #282-CL. COLOR: CLEAR
- PROVIDE FIRE TREATED WOOD GROUNDS IN WALLS FOR SECURING OF ALL SHELF BRACKETS, CABINETS AND COUNTERS
- SUBMIT COMPLETE SHOP DRAWINGS FOR ALL PLASTIC LAMINATE CASEWORK. SHOP DRAWINGS TO INCLUDE ALL FILED DIMENSIONS AND PROPOSED HARDWARE
- ALL PLASTIC LAMINATE CASEWORK TO HAVE RUBBER BASE
- ALL MDF USED IN CASEWORK SHALL BE NON-FORMADAHYDE CORE
- G.C. TO PROVIDE BOH MILLWORK FABRICATOR WITH APPLIANCE & PLUMBING FIXTURE SUBMITTAL AT TIME OF SHOP DRAWING PREPARATION TO VERIFY SIZES OF ALL APPLIANCES & PLUMBING FIXTURES IN MILLWORK FABRICATOR TO MODIFY DIMENSIONS ACCORDINGLY

GENERAL NOTES

REFER TO EQUIPMENT AND PLUMBING FIXTURE SCHEDULE FOR SPECIFICATIONS.

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:
WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

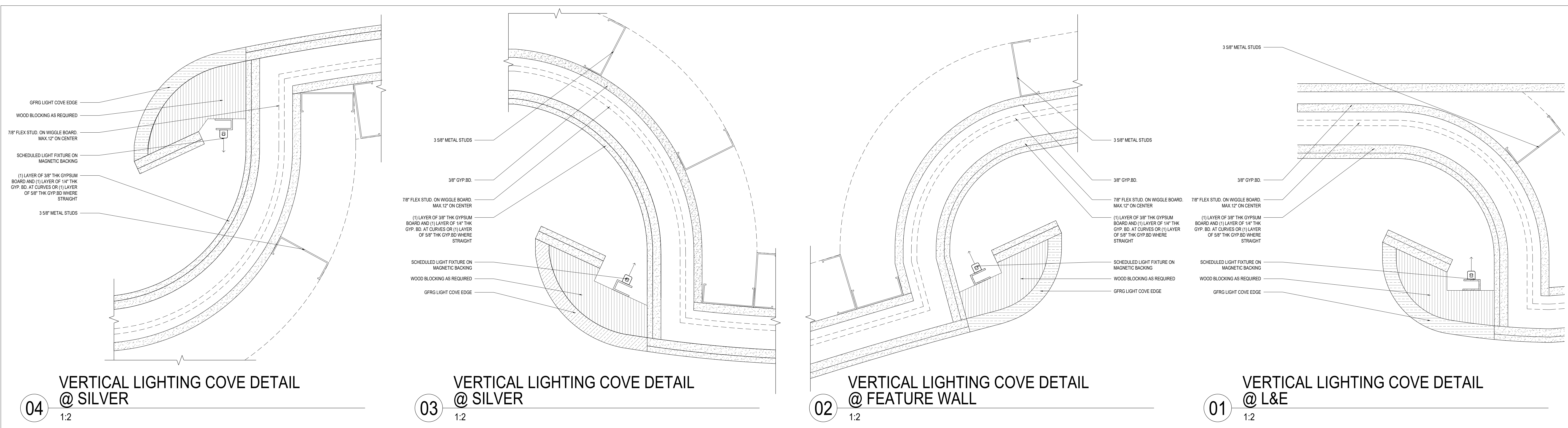
DRAW BY: EDICON CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME: SHEET NUMBER:

BOH SECTION
WORK AREA & CLOSET

A 7.52



GENERAL NOTES

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
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WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
PLAN DETAILS	
SHEET NUMBER:	
A 8.00	

GENERAL REQUIREMENTS

GENERAL REQUIREMENTS 01 00 00-15

SECTION 01 00 00 - GENERAL REQUIREMENTS
PART 1 - GENERAL

A. MISCELLANEOUS PROVISIONS:

1. EXECUTION OF THE CONTRACT BY CONTRACTOR IS A REPRESENTATION THAT CONTRACTOR HAS VISITED THE SITE, BECOME FAMILIAR WITH LOCAL CONDITIONS UNDER WHICH THE WORK IS PERFORMED AND CORRELATED PERSONAL OBSERVATIONS WITH REQUIREMENTS OF THE CONTRACT DOCUMENTS. CONTRACTOR ACKNOWLEDGES AND AGREES THAT THE INFORMATION CONTAINED IN THE CONTRACT DOCUMENTS IS ADEQUATE AND SUFFICIENT FOR COMPLETION OF THE WORK.
2. THE CONTRACTOR SHALL NOTIFY AND APPRISE ALL SUBCONTRACTORS AND ANY OTHER PARTIES TO THE CONTRACT OF, AND BIND THEM TO THE CONDITIONS OF THE OWNER-CONTRACTOR AGREEMENT.
3. THE PROVISIONS OF THE OWNER-CONTRACTOR AGREEMENT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS, WHEN INCLUDED, AND SECTION 01 00 00 "GENERAL REQUIREMENTS" APPLY TO THE WORK SPECIFIED IN EACH SECTION OF THE SPECIFICATIONS.
4. WHERE CONFLICTS OCCUR CONCERNING THE ARCHITECT'S DUTIES AND RESPONSIBILITIES BETWEEN THE GENERAL CONDITIONS AND THE AGREEMENT BETWEEN THE OWNER AND ARCHITECT, THE AGREEMENT SHALL TAKE PRECEDENCE.
5. IF NOT OTHERWISE INCLUDED IN THE OWNER-CONTRACTOR AGREEMENT OR SPECIFICALLY INCLUDED IN THE PROCUREMENT DOCUMENTS, OBTAIN THE OWNER'S INSURANCE REQUIREMENTS PRIOR TO SUBMITTING A BID OR A PROPOSAL.
 - a. CONTRACTOR'S COMMERCIAL GENERAL LIABILITY INSURANCE SHALL CONTAIN NO EXCLUSION THAT DENIES COVERAGE FOR CLAIMS ARISING OUT OF OR CONTRIBUTED TO BY FUNGI, MILDEW, MOLD, OR RESULTING ALLERGENS. IF EXCLUSION EXISTS AND CANNOT BE REMOVED BY ENDORSEMENT, SUBMIT PROOF OF COVERAGE FOR FUNGI, MILDEW, MOLD, OR RESULTING ALLERGENS UNDER A POLLUTION LEGAL LIABILITY OR CONTRACTOR'S POLLUTION LIABILITY POLICY. COORDINATE WITH THE OWNER FOR REQUIRED INSURANCE TYPE AND AMOUNTS.
6. WORK BY OWNER: ITEMS NOTED NIC ARE PROVIDED BY OWNER OR UNDER SEPARATE CONTRACT INCLUDING WORK IDENTIFIED AS SYSTEMS FURNITURE.
7. WORK UNDER OTHER CONTRACTS: OWNER RESERVES THE RIGHT TO AWARD SEPARATE CONTRACTS FOR OTHER WORK. COORDINATE WORK UNDER THE CONTRACT REQUIRED FOR SMOOTH COMPLETION OF THE WORK.
8. CONTRACTOR USE OF SITE: LIMIT USE OF SITE TO EXTENT REQUIRED TO PERFORM WORK AND TO LIMITS IDENTIFIED ON DRAWINGS.
 - a. KEEP ENTRANCES CLEAR AND AVAILABLE TO BUILDING MANAGEMENT, TENANTS AND EMERGENCY VEHICLES.
 - b. DO NOT BLOCK ENTRANCES, FIRE EXITS OR LANES, OR DELIVERY ROUTES.
 - c. DO NOT USE AREAS FOR PARKING OR STORAGE OF MATERIALS.
 - d. SCHEDULE DELIVERIES TO MINIMIZE SPACE AND TIME REQUIREMENTS FOR STORAGE OF MATERIALS AND EQUIPMENT ON SITE.
 - e. ARRANGE ACCESS TO WORK AREA THROUGH BUILDING MANAGEMENT. DO NOT DISTURB OWNER, TENANT, OR BUILDING OPERATIONS.
 - f. ARRANGE SCHEDULE OF DELIVERIES THROUGH BUILDING MANAGEMENT.
 - g. REPAIR DAMAGE CAUSED BY CONSTRUCTION OPERATIONS. PROTECT BUILDING AND ITS OCCUPANTS DURING CONSTRUCTION PERIOD.
 - h. COMPLY WITH BUILDING REGULATIONS AND PROCEDURES FOR CONSTRUCTION WORK.
9. NOISE CONTROL: MINIMIZE OBJECTIONABLE NOISE LEVELS AND NOTIFY OWNER IN ADVANCE OF NOISY OPERATIONS. DO NOT OPERATE GASOLINE AND DIESEL ENGINE DRIVEN TOOLS AND PUMP EQUIPMENT ON PROJECT SITE WITHOUT SPECIFIC PRIOR WRITTEN APPROVAL FROM OWNER AND ARCHITECT. THE OWNER AND BUILDING MANAGEMENT RESERVE THE RIGHT WHEN NECESSARY TO REQUEST EXCESSIVE NOISE TRANSMITTING PROCEDURES BE STOPPED DURING CERTAIN PERIODS OF TIME.
10. OCCUPANCY:
 - a. ADJACENT OCCUPANCY: ADJACENT FLOORS OF THE BUILDING WILL BE OCCUPIED DURING CONSTRUCTION. DO NOT CLOSE OR OBSTRUCT WALKWAYS, CORRIDORS, OR OCCUPIED OR USED FACILITIES WITHOUT WRITTEN PERMISSION FROM BUILDING MANAGEMENT, OWNER, AND AUTHORITIES HAVING JURISDICTION.
 - b. PROVIDE MINIMUM 72 HOURS NOTICE TO BUILDING MANAGEMENT AND OWNER OF ACTIVITIES THAT AFFECT BUILDING OR TENANT OPERATIONS.
 - c. OWNER RESERVES THE RIGHT TO PLACE AND INSTALL EQUIPMENT IN COMPLETED AREAS, PRIOR TO SUBSTANTIAL COMPLETION PROVIDING OCCUPANCY DOES NOT INTERFERE WITH COMPLETION OF THE WORK. PLACING OF EQUIPMENT DOES NOT CONSTITUTE ACCEPTANCE OF THE TOTAL WORK.

B. SUBSTITUTIONS

1. CHANGES IN THE PRODUCTS, MATERIALS, EQUIPMENT, SYSTEMS, AND METHODS OF CONSTRUCTION SPECIFIED IN THE CONTRACT DOCUMENTS ARE CONSIDERED SUBSTITUTIONS. WHEN SUBSTITUTIONS ARE CONSIDERED, SUBMIT SUBSTITUTION REQUEST WITH ADEQUATE TIME FOR THE ARCHITECT TO REVIEW AND CONSIDER THE SUBSTITUTION REQUEST.
 - a. SUBSTITUTIONS WILL NOT BE CONSIDERED FOR ACCEPTANCE:
 - 1) WHEN INDICATED AND IMPLIED ON SHOP DRAWINGS AND PRODUCT DATA SUBMITTALS.
 - 2) WHEN ACCEPTANCE WILL REQUIRE SUBSTANTIAL REVISION OF CONTRACT DOCUMENTS.
 - 3) WHEN, IN JUDGMENT OF ARCHITECT, DO NOT INCLUDE ADEQUATE INFORMATION NECESSARY FOR A COMPLETE EVALUATION.
 - b. SUBSTITUTIONS AFTER AWARD OF THE CONTRACT MAY BE CONSIDERED BY THE ARCHITECT. MAKE REQUEST ON FORM AVAILABLE FROM THE ARCHITECT. INCLUDE THE FOLLOWING:
 - 1) PRODUCT IDENTIFICATION AND DESCRIPTION (MARKETING BROCHURES AND GUIDE SPECIFICATIONS ARE NOT ACCEPTABLE; PROVIDE MANUFACTURER TECHNICAL DATA AND ICCES RESEARCH/EVALUATION REPORTS).
 - 2) SUBSTANTIATING DATA INDICATING COMPLIANCE WITH PERFORMANCE AND TEST DATA.
 - 3) REFERENCES.
 - 4) SAMPLES.
 - 5) ITEMIZED COMPARISON OF THE PROPOSED SUBSTITUTION WITH THE PRODUCT SPECIFIED.
 - 6) DATA RELATING TO CONTRACT TIME, SCHEDULE, DESIGN, VISUAL EFFECT.
 - 7) COMPATIBILITY WITH ADJACENT MATERIALS.
 - 8) SUBMIT COMPLETE AND ACCURATE COST DATA AND COMPARE THE PROPOSED SUBSTITUTION WITH THE PRODUCT SPECIFIED REGARDLESS IF THE CONTRACT SUM IS AFFECTED. INCLUDE COST DATA FOR ADJACENT WORK AFFECTED BY THE PROPOSED SUBSTITUTION.
 - 9) COMPATIBILITY WITH ADJACENT MATERIALS.
 - c. DO NOT ORDER AND INSTALL SUBSTITUTION PRODUCTS, SYSTEMS, EQUIPMENT, AND CHANGE SEQUENCING WITHOUT WRITTEN ACCEPTANCE OF THE REQUEST FOR SUBSTITUTION BY ARCHITECT AND OWNER. SUBMISSION OF THE REQUEST FOR SUBSTITUTION DOES NOT CONSTITUTE AN APPROVAL. IF THE REQUEST IS REJECTED FOR ANY REASON, THE REJECTION IS CONSIDERED FINAL.
 - d. IN MAKING FORMAL REQUEST FOR SUBSTITUTION, CONTRACTOR REPRESENTS TO THE OWNER AND THE ARCHITECT THAT:
 - 1) IT HAS INVESTIGATED PROPOSED SUBSTITUTION AND HAS DETERMINED IT IS EQUIVALENT TO OR SUPERIOR IN EVERY RESPECT TO THE SPECIFIED PRODUCT OR MATERIALS. WILL FIT INTO THE SPACE PROVIDED, AND IS COMPATIBLE WITH ADJACENT MATERIALS.
 - 2) IT WILL PROVIDE THE SAME OR BETTER WARRANTIES.
 - 3) IT CERTIFIES COST DATA IS COMPLETE AND INCLUDES RELATED COSTS UNDER THE CONTRACT AND WAIVES CLAIM TO ADDITIONAL COST RELATED TO THE PROPOSED SUBSTITUTION WHICH SUBSEQUENTLY BECOME APPARENT.
 - 4) IT ACCEPTS RESPONSIBILITY FOR DELAYS AND COSTS CAUSED BY THE SUBSTITUTION IF APPROVED UNLESS DELAYS AND COSTS ARE SPECIFICALLY MENTIONED AND APPROVED ON THE REQUEST FOR SUBSTITUTION FORM BY THE OWNER AND THE ARCHITECT.
 - 5) IT WILL COORDINATE THE INSTALLATION OF THE ACCEPTED SUBSTITUTION, MAKING CHANGES REQUIRED FOR THE WORK TO BE COMPLETE IN ALL RESPECTS.
 - e. ARCHITECT WILL SOLELY DETERMINE ACCEPTABILITY OF PROPOSED SUBSTITUTIONS.
 - f. THE CONTRACTOR BEARS FULL RESPONSIBILITY FOR INVESTIGATING AND PROVIDING SUPPORTING DATA FOR PROPOSED SUBSTITUTION. REQUESTS FOR SUBSTITUTIONS THAT ARE NOT ACCOMPANIED BY COMPLETE SUPPORTING DATA AND ARE NOT SUBMITTED ON THE ARCHITECT'S FORM WILL BE RETURNED WITHOUT REVIEW OR COMMENT.

C. ALLOWANCES

1. LUMP SUM ALLOWANCES INCLUDE COST TO CONTRACTOR OF SPECIFIC PRODUCTS AND MATERIALS IDENTIFIED BY ARCHITECT AS AN ALLOWANCE AND INCLUDE TAXES, FREIGHT, AND DELIVERY TO SITE.
2. CONTRACTOR'S COSTS FOR RECEIVING AND HANDLING AT SITE, LABOR, INSTALLATION, OVERHEAD AND PROFIT, AND SIMILAR COSTS RELATED TO PRODUCTS AND MATERIALS IDENTIFIED BY ARCHITECT UNDER ALLOWANCES SHALL BE INCLUDED AS PART OF THE CONTRACT SUM AND NOT PART OF THE ALLOWANCE.
3. RETURN UNUSED MATERIALS PURCHASED UNDER AN ALLOWANCE TO MANUFACTURER OR SUPPLIER FOR CREDIT TO OWNER, AFTER INSTALLATION HAS BEEN COMPLETED AND ACCEPTED.
4. IF REQUESTED BY ARCHITECT, PREPARE UNUSED MATERIAL FOR STORAGE BY OWNER WHEN IT IS NOT ECONOMICALLY PRACTICAL TO RETURN THE MATERIAL FOR CREDIT. IF DIRECTED BY ARCHITECT, DELIVER UNUSED MATERIAL TO OWNER'S STORAGE SPACE. OTHERWISE, DISPOSAL OF UNUSED MATERIAL IS CONTRACTOR'S RESPONSIBILITY.

D. ALTERNATES

1. THE COST OR CREDIT FOR EACH ALTERNATE IS THE NET ADDITION TO OR DEDUCTION FROM THE CONTRACT SUM TO INCORPORATE ALTERNATE INTO THE WORK. NO OTHER ADJUSTMENTS ARE MADE TO THE CONTRACT SUM.
2. MODIFY OR ADJUST ADJACENT WORK NECESSARY TO COMPLETELY INTEGRATE WORK OF THE ALTERNATE INTO THE WORK. INCLUDE AS PART OF EACH ALTERNATE, MISCELLANEOUS DEVICES, ACCESSORY OBJECTS, AND SIMILAR ITEMS INCIDENTAL TO OR REQUIRED FOR A COMPLETE INSTALLATION WHETHER OR NOT INDICATED AS PART OF ALTERNATE.
3. EXECUTE ACCEPTED ALTERNATES UNDER THE SAME CONDITIONS AS OTHER WORK OF THE CONTRACT.

E. CONTRACT MODIFICATIONS

1. MINOR CHANGES IN THE WORK: ARCHITECT MAY ISSUE SUPPLEMENTAL INSTRUCTIONS AUTHORIZING MINOR CHANGES IN THE WORK, NOT INVOLVING ADJUSTMENT TO THE CONTRACT SUM OR THE CONTRACT TIME.
2. PROPOSAL REQUESTS:
 - a. OWNER INITIATED PROPOSAL REQUESTS: ARCHITECT WILL ISSUE A DESCRIPTION OF PROPOSED CHANGES THAT MAY REQUIRE ADJUSTMENT TO THE CONTRACT SUM OR THE CONTRACT TIME.
 - 1) PROPOSAL REQUESTS ISSUED BY ARCHITECT ARE FOR INFORMATION ONLY. DO NOT INTERPRET INSTRUCTIONS TO STOP WORK IN PROGRESS OR TO EXECUTE A PROPOSED CHANGE.
 - 2) WITHIN 5 DAYS AFTER RECEIPT OF PROPOSAL REQUEST, SUBMIT QUOTATION ESTIMATING COST ADJUSTMENTS TO THE CONTRACT SUM AND THE CONTRACT TIME NECESSARY TO EXECUTE THE CHANGE. INDICATE APPLICABLE TAXES, DELIVERY CHARGES, EQUIPMENT RENTAL, AND AMOUNTS OF TRADE DISCOUNTS. INCLUDE AN UPDATED CONTRACTOR'S CONSTRUCTION SCHEDULE THAT INDICATES THE EFFECT OF THE CHANGE. USE AVAILABLE TOTAL FLOAT BEFORE REQUESTING AN EXTENSION OF THE CONTRACT TIME.
 - b. CONTRACTOR INITIATED PROPOSALS (CHANGE ORDER REQUESTS): PROPOSE CHANGES BY SUBMITTING A REQUEST FOR A CHANGE.
 - 1) INCLUDE STATEMENT THAT OUTLINES REASONS FOR THE CHANGE AND THE EFFECT OF THE CHANGE ON THE WORK. PROVIDE COMPLETE DESCRIPTION OF THE PROPOSED CHANGE. INDICATE EFFECT OF PROPOSED CHANGE ON THE CONTRACT SUM AND THE CONTRACT TIME.
 - 2) INDICATE APPLICABLE TAXES, DELIVERY CHARGES, EQUIPMENT RENTAL, AND AMOUNTS OF TRADE DISCOUNTS.
 - 3) INCLUDE AN UPDATED CONTRACTOR'S CONSTRUCTION SCHEDULE THAT INDICATES EFFECT OF CHANGE, INCLUDING: USE AVAILABLE TOTAL FLOAT BEFORE REQUESTING AN EXTENSION OF THE CONTRACT TIME.
 - 4) COMPLY WITH REQUIREMENTS IF THE PROPOSED CHANGE REQUIRES SUBSTITUTION OF ONE PRODUCT OR SYSTEM FOR PRODUCT OR SYSTEM SPECIFIED.
3. CHANGE ORDER PROCEDURE: ON OWNER'S APPROVAL OF A PROPOSAL REQUEST, ARCHITECT WILL ISSUE A CHANGE ORDER FOR SIGNATURES OF OWNER AND CONTRACTOR.

F. REQUESTS FOR INTERPRETATION (RFI)

1. USE AN RFI TO ASK QUESTIONS RELATED TO THE WORK, SUBJECT TO THE CONDITIONS CONTAINED WITHIN THIS ARTICLE.
2. AUTHORITY: CONTRACTOR.
3. PROHIBITIONS: RFI SHALL NOT BE USED FOR THE FOLLOWING:
 - a. REQUEST FOR APPROVAL OF SUBSTITUTIONS.
 - b. TO REQUEST AN ADJUSTMENT OF THE CONTRACT TIME OR CONTRACT SUM.
 - c. TO REQUEST INTERPRETATION OF ARCHITECT'S ACTION ON SUBMITTALS.
 - d. TO TRANSFER COORDINATION RESPONSIBILITY FROM THE CONTRACTOR TO THE OWNER OR THE ARCHITECT.
4. PROCEDURE:
 - a. EACH RFI SHALL ADDRESS ONE SUBJECT.
 - b. EACH RFI SHALL CONTAIN SPECIFIC REFERENCE TO THE DRAWING NUMBER(S), DETAIL NUMBER(S), SCHEDULE TYPE(S), BULLETIN NUMBER(S), SPECIFICATION SECTION(S) AND PARAGRAPH NUMBER(S), OR OTHER RELATED DOCUMENT(S) PERTINENT TO THE CONTRACTOR'S QUESTION. THE DATE OF EACH REFERENCED DRAWING NUMBER, BULLETIN, SPECIFICATION SECTION OR OTHER RELATED DOCUMENT SHALL BE IDENTIFIED. IN PREPARING EACH RFI, VERIFY THE APPLICABLE DIMENSIONS, FIELD CONDITIONS, DRAWING REQUIREMENTS (SMALL THROUGH LARGE SCALE DETAILS), AND/OR SPECIFICATION SECTION REQUIREMENTS PERTAINING THERETO. WHERE SUPPLEMENTARY SKETCHES ARE REQUIRED TO CLARIFY AN INQUIRY, ATTACH SUPPLEMENTARY SKETCHES, AT LARGE SCALE, ILLUSTRATIVE OF THE INQUIRY. SKETCHES SHALL INCLUDE SUFFICIENT DETAIL, MATERIALS, DIMENSIONS, THICKNESSES, ASSEMBLY, ATTACHMENTS, RELATION TO ADJOINING WORK, STRUCTURAL GRID REFERENCES, AND ALL OTHER PERTINENT DATA AND INFORMATION FOR THE ARCHITECT TO MAKE AN INFORMED RESPONSE. SUGGEST SOLUTION(S) TO INQUIRIES, IF APPLICABLE. SHOULD THE CONTRACTOR'S SOLUTION(S) HAVE AN IMPACT ON CONTRACT SUM OR CONTRACT TIME, IT SHALL BE SO STATED WITHIN THE RFI.
 - c. EACH RFI SHALL BE DATED AND SEQUENTIALLY NUMBERED.
 - d. EACH RFI SHALL BE REVIEWED AND SIGNED BY THE CONTRACTOR PRIOR TO TRANSMITTING TO THE ARCHITECT.

G. PAYMENT PROCEDURES

1. SCHEDULE OF VALUES: COORDINATE PREPARATION OF THE SCHEDULE OF VALUES WITH PREPARATION OF CONTRACTOR'S CONSTRUCTION SCHEDULE.
 - a. SUBMIT THE SCHEDULE OF VALUES, ON AIA DOCUMENT G703, PRIOR TO DATE SCHEDULED FOR SUBMITTAL OF INITIAL APPLICATIONS FOR PAYMENT.
 - b. USE THE PROJECT MANUAL, TABLE OF CONTENTS AS A GUIDE TO ESTABLISH LINE ITEMS FOR THE SCHEDULE OF VALUES. PROVIDE AT LEAST ONE LINE ITEM FOR EACH SPECIFICATION.
 - c. PROVIDE A BREAKDOWN OF THE CONTRACT SUM IN SUFFICIENT DETAIL TO FACILITATE CONTINUED EVALUATION OF APPLICATIONS FOR PAYMENT AND PROGRESS REPORTS. COORDINATE WITH THE PROJECT MANUAL, TABLE OF CONTENTS. PROVIDE SEVERAL LINE ITEMS FOR PRINCIPAL SUBCONTRACT AMOUNTS, WHERE APPROPRIATE. BREAK DOWN PRINCIPAL SUBCONTRACT AMOUNTS INTO SEPARATE LABOR AND MATERIALS ITEMS. BREAK DOWN OF SUBCONTRACTOR'S SCHEDULE OF VALUES MUST BE TRUE AND ACCURATE.
 - d. SOUND AMOUNTS TO NEAREST WHOLE DOLLAR. TOTAL SHALL EQUAL THE CONTRACT SUM.
 - e. EACH ITEM IN THE SCHEDULE OF VALUES AND APPLICATIONS FOR PAYMENT SHALL BE COMPLETE. INCLUDE TOTAL COST AND PROPORTIONATE SHARE OF GENERAL OVERHEAD AND PROFIT FOR EACH ITEM. TEMPORARY FACILITIES AND OTHER MAJOR COST ITEMS THAT ARE NOT DIRECT COST OF ACTUAL WORK IN PLACE MAY BE SHOWN EITHER AS SEPARATE LINE ITEMS IN THE SCHEDULE OF VALUES OR DISTRIBUTED AS GENERAL OVERHEAD EXPENSE, AT CONTRACTOR'S OPTION.
 - f. UPDATE AND RESUBMIT SCHEDULE OF VALUES BEFORE THE NEXT APPLICATIONS FOR PAYMENT WHEN CHANGE ORDERS RESULT IN A CHANGE IN THE CONTRACT SUM.
2. APPLICATIONS FOR PAYMENT:
 - a. UPON RECEIPT OF FINAL APPLICATION AND CERTIFICATE FOR PAYMENT AND REQUIRED DOCUMENTATION INCLUDING THE UPDATED SCHEDULE OF VALUES AND THE UPDATED CONSTRUCTION SCHEDULE, THE ARCHITECT SHALL MAKE A FINAL REVIEW. UPON COMPLETION OF REVIEW, ARCHITECT SHALL REVISE, IF NECESSARY, AND EXECUTE THE APPLICATIONS AND CERTIFICATE FOR PAYMENT AND FORWARD EXECUTED COPIES TO THE OWNER.
 - b. IN TAKING ACTION ON APPLICATION AND CERTIFICATE FOR PAYMENT, THE ARCHITECT RELIES ON ACCURACY AND COMPLETENESS OF INFORMATION FURNISHED AND DOES NOT REPRESENT THAT ARCHITECT AUDITED SUPPORTING DATA.
 - c. PAYMENT WILL NOT BE MADE FOR MATERIALS AND EQUIPMENT STORED OFF SITE, EXCEPT AT OWNER'S DISCRETION AND WRITTEN APPROVAL. WHEN APPLICATION AND CERTIFICATE FOR PAYMENT INCLUDES MATERIAL OR EQUIPMENT STORED OFF SITE, ACCOMPANY APPLICATION BY A STATEMENT CERTIFYING:
 - a. DESCRIPTION OF THE ITEM(S) BEING STORED.
 - b. LOCATION OF THE BONDED WAREHOUSE(S) WHERE MATERIALS OR EQUIPMENT IS BEING STORED.
 - c. AFFIDAVIT OF STORAGE.
 - d. CERTIFICATE OF INSURANCE.
 - e. BILL OF SALE MADE TO OWNER STATING THERE WILL BE NO ADDITIONAL COST FOR TRANSPORTATION AND DELIVERY OF THE ITEM(S) BEING STORED.
 - f. STATEMENT CERTIFYING THAT ITEM OR A PART THEREOF WILL NOT BE INSTALLED IN CONSTRUCTION OTHER THAN WORK UNDER THIS CONTRACT.
 - g. USE AIA DOCUMENT G702 AND AIA DOCUMENT G703 CONTINUATION SHEETS.
 - h. COMPLETE EVERY ENTRY ON FORM. NOTARIZE AND EXECUTE BY AUTHORIZED INDIVIDUAL. INCOMPLETE APPLICATIONS WILL BE RETURNED WITHOUT ACTION.
 - d. SUBMIT 3 SIGNED AND NOTARIZED ORIGINAL COPIES OF EACH APPLICATION FOR PAYMENT. ONE COPY SHALL INCLUDE WAIVERS OF LIEN AND SIMILAR ATTACHMENTS IF REQUIRED. TRANSMIT EACH COPY WITH A TRANSMITTAL COPY WITH APPROPRIATE ATTACHMENTS AND RECORDING APPROPRIATE INFORMATION ABOUT APPLICATION.
3. WAIVERS OF MECHANIC'S LIEN: SUBMIT NOTARIZED WAIVERS OF MECHANIC'S LIEN FROM EACH ENTITY LAWFULLY ENTITLED TO FILE A MECHANIC'S LIEN ARISING OUT OF THE CONTRACT AND RELATED TO WORK COVERED BY THE PAYMENT.
 - a. SUBMIT PARTIAL WAIVERS ON EACH ITEM FOR AMOUNT REQUESTED, BEFORE DEDUCTION FOR RETAINAGE.
 - b. WHEN AN APPLICATION SHOWS COMPLETION OF AN ITEM, SUBMIT FINAL OR FULL WAIVERS.
 - c. OWNER RESERVES THE RIGHT TO DESIGNATE WHICH ENTITIES MUST SUBMIT WAIVERS.
 - d. SUBMIT EACH APPLICATION FOR PAYMENT WITH CONTRACTOR'S WAIVER OF MECHANIC'S LIEN FOR CONSTRUCTION PERIOD COVERED BY THE APPLICATION. SUBMIT FINAL APPLICATION FOR PAYMENT WITH CONTRACTOR'S WAIVER OF MECHANIC'S LIEN FOR EVERY ENTITY INVOLVED WITH PERFORMANCE OF WORK COVERED BY THE APPLICATION LAWFULLY ENTITLED TO A LIEN.
 - e. SUBMIT EXECUTED WAIVERS OF LIEN ON FORMS ACCEPTABLE TO OWNER.
4. INITIAL APPLICATION FOR PAYMENT: SUBMIT ADMINISTRATIVE ACTIONS AND SUBMITTALS THAT PRECEDE OR COINCIDE WITH SUBMITTAL OF FIRST APPLICATION FOR PAYMENT:
 - a. SCHEDULE OF VALUES.
 - b. CONTRACTOR'S CONSTRUCTION SCHEDULE (PRELIMINARY IF NOT FINAL).
 - c. COPIES OF BUILDING PERMITS.
 - d. COPIES OF AUTHORIZATIONS AND LICENSES FROM AUTHORITIES HAVING JURISDICTION FOR PERFORMANCE OF THE WORK.
 - e. CERTIFICATES OF INSURANCE AND INSURANCE POLICIES.
 - f. DATA NEEDED TO ACQUIRE OWNER'S INSURANCE COVERAGE(S).
 - g. PERFORMANCE AND PAYMENT BONDS, IF REQUIRED.
5. APPLICATION FOR PAYMENT AT SUBSTANTIAL COMPLETION: AFTER ISSUING THE CERTIFICATE OF SUBSTANTIAL COMPLETION, SUBMIT APPLICATION FOR PAYMENT SHOWING 100 PERCENT COMPLETION FOR PORTION OF THE WORK CLAIMED AS SUBSTANTIAL COMPLETION.
 - a. INCLUDE DOCUMENTATION SUPPORTING CLAIM AND STATEMENT SHOWING AN ACCOUNTING OF CHANGES TO THE CONTRACT SUM. THE APPLICATION REFLECTS CERTIFICATES OF PARTIAL SUBSTANTIAL COMPLETION ISSUED PREVIOUSLY FOR OWNER OCCUPANCY OF DESIGNATED PORTIONS OF THE WORK.
6. FINAL PAYMENT APPLICATION: SUBMIT FINAL APPLICATION FOR PAYMENT WITH RELEASES AND SUPPORTING DOCUMENTATION NOT PREVIOUSLY SUBMITTED AND ACCEPTED, INCLUDING, BUT NOT LIMITED TO:
 - a. EVIDENCE OF COMPLETION OF PROJECT CLOSEOUT REQUIREMENTS, INCLUDING, BUT NOT LIMITED TO TRANSMITTAL OF REQUIRED PROJECT RECORD DRAWINGS TO OWNER.
 - b. INSURANCE CERTIFICATES FOR PRODUCTS AND COMPLETED OPERATIONS AND PROOF THAT TAXES, FEES, AND SIMILAR OBLIGATIONS WERE PAID.
 - c. UPDATED FINAL STATEMENT, ACCOUNTING FOR FINAL CHANGES TO THE CONTRACT SUM.
 - d. AIA DOCUMENT G708 CONTRACTOR'S AFFIDAVIT OF PAYMENT OF DEBTS AND CLAIMS AND AIA DOCUMENT G706A CONTRACTOR'S AFFIDAVIT OF RELEASE OF LIENS.
 - e. AIA DOCUMENT G707 CONSENT OF SURETY TO FINAL PAYMENT.
 - f. EVIDENCE THAT CLAIMS HAVE BEEN SETTLED.
 - g. FINAL LIQUIDATED DAMAGES SETTLEMENT STATEMENT.
 - h. OCCUPANCY PERMITS AND SIMILAR APPROVALS OR CERTIFICATIONS BY GOVERNING AUTHORITIES AND FRANCHISED SERVICES, ASSURING OWNER'S FULL ACCESS AND USE OF COMPLETED WORK.

H. PROJECT COORDINATION

1. COORDINATE SCHEDULING, SUBMITTALS, AND WORK OF VARIOUS SPECIFICATION SECTIONS TO ASSURE EFFICIENT AND ORDERLY SEQUENCE OF INSTALLATION OF INTERDEPENDENCE. VERIFY UTILITY REQUIREMENTS AND CHARACTERISTICS OF OPERATING EQUIPMENT ARE COMPATIBLE WITH BUILDING UTILITIES. COORDINATE SPACE REQUIREMENTS AND INSTALLATION OF MECHANICAL AND ELECTRICAL WORK INDICATED ON DRAWINGS. FOLLOW ROUTING SHOWN FOR PIPES, DUCTS, AND CONDUIT AS CLOSELY AS POSSIBLE. CONCEAL PIPES, DUCTS, AND WIRING WITHIN CONSTRUCTION IN FINISHED AREAS.
2. CONFERENCES AND MEETINGS: PRESENT AT MEETINGS, RECORD MINUTES, AND DISTRIBUTE TYPED COPIES WITHIN TWO DAYS FOLLOWING EACH MEETING. SCHEDULE PRECONSTRUCTION CONFERENCE AFTER NOTICE OF AWARD.
 - a. CONDUCT PROGRESS MEETINGS AT WEEKLY INTERVALS.
3. SUBMITTALS:
 - a. SUBMITTAL PROCEDURES:
 - i. COORDINATE PREPARATION AND PROCESSING OF SUBMITTALS WITH PERFORMANCE OF CONSTRUCTION ACTIVITIES.
 - ii. PLACE A PERMANENT LABEL OR TITLE BLOCK ON EACH SUBMITTAL FOR IDENTIFICATION. INDICATE NAME OF FIRM OR ENTITY THAT PREPARED EACH SUBMITTAL ON LABEL OR TITLE BLOCK. IDENTIFY PROJECT, CONTRACTOR, SUBCONTRACTOR OR SUPPLIER, SPECIFICATION SECTION AND DRAWINGS SHEET NUMBER, AND PERTINENT REFERENCES AND DATA. ASSIGN UNIQUE IDENTIFIER, INCLUDING REVISION NUMBER, NUMBERED CONSECUTIVELY. RETAIN NUMBERING SYSTEM THROUGHOUT REVISIONS.
 - iii. REVIEW AND COORDINATE EACH SHOP DRAWING FOR CONSTRUCTABILITY AND COMPLIANCE WITH CONTRACT DOCUMENTS. APPLY CONTRACTOR'S STAMP, SIGN, AND CERTIFY REVIEW AND VERIFICATION OF MATERIALS REQUIRED; FIELD DIMENSIONS, ADJACENT CONSTRUCTION WORK, AND COORDINATION OF INFORMATION IN ACCORDANCE WITH REQUIREMENTS.
 - iv. IDENTIFY VARIATIONS FROM CONTRACT DOCUMENTS AND MATERIAL OR SYSTEM LIMITATION AFFECTING PERFORMANCE OF THE COMPLETED WORK.
 - v. INCOMPLETE SUBMITTALS WILL BE RETURNED WITHOUT COMMENT FOR COMPLETION OF THE SUBMITTAL.
 - vi. REVISE AND RESUBMIT AS REQUIRED; IDENTIFY CHANGES MADE SINCE PREVIOUS SUBMITTALS.
 - b. PACKAGE EACH SUBMITTAL INDIVIDUALLY AND APPROPRIATELY FOR TRANSMITTAL AND HANDLING USING TRANSMITTAL FORM. SUBMITTALS RECEIVED FROM SOURCES OTHER THAN CONTRACTOR WILL BE DISCARDED UNOPENED.
 - c. USE FINAL SUBMITTALS WITH MARK INDICATING ACTION TAKEN BY ARCHITECT IN CONNECTION WITH CONSTRUCTION.
4. SUBMITTAL PREPARATION: SUBMIT EACH SUBMITTAL ELECTRONICALLY, UNLESS OTHERWISE INDICATED. MARK AND RETAIN SUBMITTAL COPY AS A PROJECT RECORD DOCUMENT.
5. CONSTRUCTION PROGRESS SCHEDULES: SUBMIT INITIAL SCHEDULE WITHIN 10 DAYS AFTER DATE OF AGREEMENT FOR REVIEW.
 - a. SUBMIT REVISED SCHEDULES WITH EACH APPLICATION FOR PAYMENT, IDENTIFYING CHANGES SINCE PREVIOUS VERSION. SUBMITTAL ESTIMATED PERCENTAGE OF COMPLETION FOR EACH ITEM AT EACH SUBMISSION.
 - b. SUBMIT HORIZONTAL BAR CHART WITH SEPARATE LINE FOR EACH MAJOR SECTION OF WORK OR OPERATION, IDENTIFYING FIRST DAY OF EACH WEEK.
6. SHOP DRAWINGS: PREPARE PROJECT-SPECIFIC INFORMATION DRAWN ACCURATELY TO SCALE. DO NOT BASE SHOP DRAWINGS ON REDUCTIONS OF THE CONTRACT DOCUMENTS OR STANDARD PRINTED DATA. SUBMIT ONE ELECTRONIC COPY FOR ARCHITECT'S REVIEW.
7. SAMPLES: WHEN SPECIFIED, SUBMIT FULL SIZE, FULLY FABRICATED SAMPLES CURED AND FINISHED AS SPECIFIED AND PHYSICALLY IDENTICAL WITH MATERIAL OR PRODUCT PROPOSED, INCLUDING PARTIAL SECTIONS OF MANUFACTURED OR FABRICATED COMPONENTS, CUTS OR CONTAINERS OF MATERIALS, COLOR RANGE SETS, AND SWATCHES SHOWING COLOR, TEXTURE, AND PATTERN.
8. MANUFACTURER'S CERTIFICATIONS: SUBMIT ELECTRONIC COPY OF CERTIFICATIONS TO ARCHITECT FOR REVIEW, INDICATING MATERIAL OR PRODUCT COMPLIANCE WITH SPECIFIED REQUIREMENTS. SUBMIT SUPPORTING DATA, AFFIDAVITS, AND CERTIFICATIONS ELECTRONICALLY.

J. QUALITY PROCEDURES

1. CONTROL OF INSTALLATION: MONITOR QUALITY CONTROL, OVER SUPPLIERS, MANUFACTURERS, PRODUCTS, SERVICES, SITE CONDITIONS, AND WORKMANSHIP TO PRODUCE WORK OF SPECIFIED QUALITY.
 - a. COMPLY WITH MANUFACTURER'S INSTRUCTIONS.
 - b. COMPLY WITH SPECIFIED STANDARDS AS A MINIMUM QUALITY FOR WORK EXCEPT WHEN MORE STRINGENT TOLERANCES, CODES, OR SPECIFIED REQUIREMENTS INDICATE HIGHER STANDARDS OR MORE PRECISE WORKMANSHIP.
 - 1) COMPLY WITH REFERENCE STANDARDS BY DATE OF ISSUE CURRENT AS OF DATE OF CONTRACT DOCUMENTS. IN THE EVENT OF CONFLICT, REQUEST CLARIFICATION FROM ARCHITECT PRIOR TO COMMENCEMENT OF WORK.
 - 2) IF COMPLIANCE WITH TWO OR MORE STANDARDS RESULT IN CONFLICTING REQUIREMENTS FOR MINIMUM QUANTITIES OR QUALITY LEVELS, COMPLY WITH THE MOST STRINGENT REQUIREMENT. REFER UNCERTAINTIES AND REQUIREMENTS THAT ARE DIFFERENT, BUT APPARENTLY EQUAL, TO ARCHITECT FOR A DECISION BEFORE PROCEEDING.
2. INSPECTION AND TESTING LABORATORY SERVICES: UNLESS OTHERWISE NOTED, OWNER WILL EMPLOY AND PAY FOR SERVICES OF AN INDEPENDENT FIRM TO INSPECT AND TEST THE WORK.
 - a. COOPERATE WITH THE INSPECTION AND TESTING AGENCY AND FURNISH SAMPLES OF MATERIALS, DESIGN MIX, EQUIPMENT, TOOLS, STORAGE, AND ASSISTANCE AS REQUESTED.
 - b. NOTIFY AGENCY MINIMUM 24 HOURS IN ADVANCE FOR OPERATIONS REQUIRING SERVICES.
 - c. MAKE ARRANGEMENTS AND PAY FOR ADDITIONAL SAMPLES AND TESTS REQUIRED FOR CONTRACTOR'S USE.
 - d. COMPLY WITH REQUIREMENTS OF INDIVIDUAL SPECIFICATION SECTION.
 - e. TESTING LABORATORY CRITERIA: INDEPENDENT AGENCY HAVING NATIONAL BUREAU OF STANDARDS (NBS) CERTIFICATION.
3. SPECIAL TESTS AND INSPECTIONS: WHERE REQUIRED BY CODE OR SPECIFICATIONS, OWNER WILL ENGAGE A QUALIFIED TESTING AGENCY OR SPECIAL INSPECTOR TO CONDUCT SPECIAL TESTS AND INSPECTIONS REQUIRED BY CODE OR AUTHORITIES HAVING JURISDICTION AS THE RESPONSIBILITY OF OWNER.
4. REPAIR AND PROTECTION: ON COMPLETION OF TESTING, INSPECTING, AND SAMPLE TAKING, REPAIR DAMAGED CONSTRUCTION AND RESTORE SUBSTRATES AND FINISHES.
 - a. PROTECT CONSTRUCTION EXPOSED BY OR FOR QUALITY CONTROL SERVICE ACTIVITIES.

- b. REPAIR AND PROTECTION ARE CONTRACTOR'S RESPONSIBILITY, REGARDLESS OF THE ASSIGNMENT OF RESPONSIBILITY FOR QUALITY CONTROL SERVICES.
- K. CONSTRUCTION ENVIRONMENTAL QUALITY:
 1. CONSTRUCTION ENVIRONMENTAL QUALITY REQUIREMENTS ARE GENERAL IN NATURE, REFERENCING REQUIREMENTS AND SPECIFICATION SECTIONS FOR MORE DETAILED REQUIREMENTS. NOTIFY OWNER AND ARCHITECT IF CONFLICTS ARISE BETWEEN PERFORMANCE OF THE WORK AND ENVIRONMENTAL REQUIREMENTS.
 - a. USE RESOURCES EFFICIENTLY; THE CONSTRUCTION, OPERATION, AND ULTIMATE REUSE OR REMOVAL OF THE BUILDING COMPONENTS IS OPTIMIZED TO ELIMINATE UNNECESSARY USE OF ENERGY, WATER, AND RAW MATERIALS.
 - b. PROVIDE HEALTHY AND PRODUCTIVE INDOOR ENVIRONMENT.
 2. ENVIRONMENTAL PROCEDURES: MINIMIZE ENVIRONMENTAL IMPACTS OF CONSTRUCTION ACTIVITIES AND OPERATIONS. MANAGE ENVIRONMENTAL QUALITY THROUGH USE OF RECYCLED MATERIALS, USE OF MATERIALS FROM SUSTAINABLY MANAGED FORESTS, ENERGY EFFICIENT EQUIPMENT AND FIXTURES, WASTE HANDLING PROCEDURES, AND LIMITING CONTAMINANTS AND IRRITANTS EMITTED INTO THE AIR, SOIL, AND WATERWAYS.
 - a. ENVIRONMENTAL QUALITY:
 - 1) CONTROL SOURCES OF OUTDOOR AND INDOOR ENVIRONMENTAL POLLUTANTS.
 - 2) IDENTIFY POTENTIAL MEANS OF CONTAMINANT SPREAD.
 - 3) IDENTIFY REASONABLE CONTROL OPTIONS FOR CONTAINING CONTAMINANTS.
 - b. SELECT MATERIALS AND INSTALLATION METHODS TO MAXIMIZE RENEWABLE RESOURCES, INCREASE ENERGY EFFICIENCY, MINIMIZE ENVIRONMENTAL POLLUTION, AND UTILIZE RECYCLED OR RECYCLABLE MATERIALS.
 3. INDOOR ENVIRONMENTAL QUALITY: COMPLY WITH ASHRAE 62.1 TO REDUCE INDOOR ENVIRONMENTAL QUALITY ISSUES RESULTING FROM CONTAMINANTS DURING AND AFTER CONSTRUCTION UNTIL DATE OF SUBSTANTIAL COMPLETION.
 - a. AVOID USE OF MATERIALS HIGH IN POLLUTANTS, SUCH AS VOLATILE ORGANIC COMPOUNDS (VOC) OR TOXINS. IN ADDITION TO VOC LIMITATIONS SPECIFIED FOR LOW EMITTING MATERIALS ADHESIVE, SEALANTS, AND PAINT PRODUCTS, UTILIZE MATERIALS AND PRODUCTS COMPLYING WITH VOC CONTENT LIMITATIONS.
 - b. AVOID ENTRAINMENT OF POLLUTANTS INTO VENTILATION AIR PATH.
 - c. SUFFICIENTLY VENTILATE ENCLOSED AREAS.
 - d. PROTECT ORGANIC MATTER AND MATERIALS AGAINST MOLD, INSECT INFESTATION, OR ABSORPTION OF ODORS.
 - e. SEQUENCE CONSTRUCTION ACTIVITIES TO PREVENT ABSORPTION OF CONTAMINANTS BY BUILDING MATERIALS.
 - f. LIMIT USE OF BUILDING VENTILATION SYSTEM DURING CONSTRUCTION ACTIVITIES.
 - 1) COVER DIFFUSERS, REGISTERS, GRILLES, AND OPEN DUCTS DURING CONSTRUCTION TO PREVENT DUST AND ODORS FROM ENTERING VENTILATION SYSTEM.
 - 2) REPLACE FILTRATION MEDIA PRIOR TO DATE OF SUBSTANTIAL COMPLETION.
 4. ENVIRONMENTAL CONSIDERATIONS: PROTECT NATURAL, AIR, AND WATER RESOURCES. IMPLEMENT, MONITOR, AND ENFORCE ENVIRONMENTAL QUALITY PROGRAM DURING CONSTRUCTION ACTIVITIES UNTIL DATE OF FINAL COMPLETION.
 - a. EMPLOY METHODS OF CONSTRUCTION THAT RESPONSIBLY USE RESOURCES. CONFINE DISPOSAL OPERATIONS FOR DEMOLISHED AND WASTE MATERIALS THAT ARE NOT IDENTIFIED FOR SALVAGE, RECYCLING, OR REUSE. EMPLOY JOB SITE RECYCLING AND SALVAGE PROCEDURES.
 - b. PROMOTE ENVIRONMENTAL QUALITY INCLUDING OUTDOOR AND INDOOR QUALITY. ENVIRONMENTAL QUALITY INCLUDES LIGHT QUALITY, ACOUSTIC QUALITY, THERMAL COMFORT, AND AIR QUALITY.
 - 1) UTILIZE LOW EMITTING MATERIALS ADHESIVE, SEALANTS, AND PAINT PRODUCTS. MAXIMIZE USE OF NONTOXIC, NONHAZARDOUS, HEALTHY, AND SAFE BUILDING MATERIALS.
 - 2) LIMIT USE OF BUILDING VENTILATION SYSTEM DURING CONSTRUCTION ACTIVITIES. SHOULD PERMANENTLY INSTALLED AIR HANDLERS BE USED DURING CONSTRUCTION, UTILIZE FILTRATION MEDIA AT EACH RETURN AIR GRILLE.
 - 3) MAINTAIN AND PREVENT CONTAMINATION OF THE AIR.
 - a) PREVENT CREATION OF DUST, AIR POLLUTION, AND ODORS.
 - b) USE TEMPORARY ENCLOSURES AND APPROPRIATE METHODS TO LIMIT DUST AND DIRT RISING AND SCATTERING IN AIR TO LOWEST PRACTICAL LEVEL.
 - c) PROTECT STORED AND INSTALLED ABSORPTIVE MATERIALS FROM MUSTY DAMAGE.
 - d) STORE VOLATILE LIQUIDS, INCLUDING FUELS AND SOLVENTS, IN CLOSED CONTAINERS.
 - e) MAINTAIN EQUIPMENT TO REDUCE GASEOUS POLLUTANT EMISSIONS.
 - 4) PROVIDE MINIMUM 48 HOUR PREVENTILATION OF PACKAGED DRY PRODUCTS PRIOR TO INSTALLATION. REMOVE FROM PACKAGING AND VENTILATE IN SECURE, DRY, WELL VENTILATED SPACE FREE FROM STRONG CONTAMINANT SOURCES AND RESIDUES. PROVIDE TEMPERATURE RANGE OF 50 DEG F MINIMUM TO 90 DEG F MAXIMUM CONTINUOUSLY DURING VENTILATION PERIOD. DO NOT VENTILATE WITHIN LIMITS OF WORK UNLESS APPROVED BY OWNER.
 - 5) PROVIDE GOOD VENTILATION DURING AND AFTER INSTALLATION OF INTERIOR WET PRODUCTS AND INTERIOR FINAL FINISHES.
 - c. CONTROL DOORS FOR CONSTRUCTION ACTIVITIES, PROCESSING, AND PREPARATION OF MATERIALS. FOR POTENTIALLY NOXIOUS MATERIALS, IDENTIFIED AND EMPLOY CONTROL MEASURES COMPLYING WITH SMOGNA GUIDELINES.
 - 1) SMOKING OR TOBACCO MATERIALS ARE NOT PERMITTED IN BUILDING OR WITHIN 25 FEET OF ENTRANCES, WINDOWS, OR OUTDOOR AIR INTAKES.
 - 2) USE OF GASOLINE OR FUEL FIRED EQUIPMENT ARE NOT PERMITTED INSIDE ENCLOSED BUILDING.
 - 3) KEEP WET PROCESSES WITHIN ENCLOSED BUILDING TO MINIMUM.
 - 4) PROTECT CHASE AND GYPSUM BOARD MATERIALS FROM WATER, REMOVE AND REPLACE DAMAGED MATERIALS.
 - 5) USE LOW EMISSION MATERIALS AND CHEMICALS.
 - 6) PERFORM CLEANING INVOLVING CHEMICALS OUTSIDE BUILDING TO THE EXTENT POSSIBLE.
 - 7) UNROLL OR UNCRATE CARPET MATERIALS AND AIR DRY SITE FOR MINIMUM OF MINIMUM 3 DAYS PRIOR TO INSTALLATION.
 - 8) REMOVE TRASH DAILY TO THE APPROPRIATE RECYCLE CONTAINER.
 - 9) TREAT MOLD GROWTH ACCORDING TO THE PROCEDURES RECOMMENDED BY THE EPA.
 - 10) CLEAN INSIDE OF WALLS AT BASE TRACK TO REMOVE EXCESS MATERIALS AND DIRT WITH VACUUM PRIOR TO ENCLOSING WALL.
 - 11) HEPA VACUUM CONCRETE FLOORS BEFORE INSTALLATION OF FLOOR COVERING MATERIALS.
 - 12) DO NOT ENCLOSE, HIDE, OR PAINT OVER MOLD OR CHEMICAL CONTAMINATION.
 - d. HOUSEKEEPING AND PEST MANAGEMENT PROCEDURES:
 - 1) DESIGNATE AREA FOR FOOD STORAGE AND CONSUMPTION. IMMEDIATELY DISPOSE OF FOOD OR FOOD RESIDUES AFTER MEALS OR BREAKS.
 - 2) MINIMIZE ENTRY OF DIRT WITH WALK OFF GRILLES OR MATS.
 - 3) INSPECT AND CLEAN COILS, FANS, AND AIR HANDLER CHAMBERS INCLUDING RETURN AIR CHAMBERS PRIOR TO START UP, FINAL TESTING, COMMISSIONING, AND AIR TESTING.
 - e. CONTROL HYDROCARBONS AND CARBON MONOXIDE EMISSIONS FROM EQUIPMENT TO COMPLY WITH FEDERAL, STATE, AND LOCAL ALLOWABLE LIMITS. FOR POTENTIALLY NOXIOUS MATERIALS, IDENTIFIED AND EMPLOY CONTROL MEASURES COMPLYING WITH SMOGNA GUIDELINES.
 - f. ISOLATE AREAS OF WORK NECESSARY TO PREVENT CONTAMINATION OF CLEAN OR OCCUPIED SPACES. PROVIDE PRESSURE DIFFERENTIALS OR PHYSICAL BARRIERS TO PROTECT CLEAN OR OCCUPIED SPACES.
 - g. SCHEDULE CONSTRUCTION OPERATIONS INVOLVING WET AND ODOROUS MATERIALS AND PRODUCTS PRIOR TO PACKAGED DRY PRODUCTS OR ODOR ABSORBENT MATERIALS AND PRODUCTS TO REDUCE ABSORPTION OF VOCS BY POROUS MATERIALS.
 - h. PROMOTE CONSERVATION EFFICIENCIES IN OPERATIONAL PERFORMANCE INCLUDING BUT NOT LIMITED TO DURABILITY, MAINTAINABILITY, AND ENERGY AND WATER EFFICIENCY.
 5. COMPLY WITH FEDERAL, STATE, AND LOCAL ENVIRONMENTAL REGULATIONS FOR WASTES CONSIDERED HAZARDOUS OR TOXIC AND REQUIRING SPECIAL DISPOSITION, INCLUDING MAINTAINING DOCUMENTATION.

L. TEMPORARY FACILITIES AND CONTROLS

1. REGULATORY REQUIREMENTS:
 - a. BUILDING CODE, INCLUDING LOCAL REQUIREMENTS FOR PERMITS, TESTING AND INSPECTION.
 - b. HEALTH AND SAFETY REGULATIONS.
 - c. FIRE PROTECTION REGULATIONS.
 - d. UTILITY COMPANY REGULATIONS AND RECOMMENDATIONS GOVERNING TEMPORARY UTILITY SERVICES.
 - e. POLICE, FIRE DEPARTMENT, AND EMERGENCY OR RESCUE SQUAD RULES AND RECOMMENDATIONS.
 - f. APPLICABLE INDUSTRY STANDARDS CITED IN INDIVIDUAL SPECIFICATION SECTIONS.

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	
TIFFANY & CO.	
PROJECT: WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT: edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
SHEET NUMBER:	
NOTES	A 10.01

GENERAL REQUIREMENTS CONT.

2. CONSTRUCTION OFFICE. USE AREA WITHIN EXISTING BUILDING DESIGNATED BY OWNER. RESTORE TO ORIGINAL CONDITION UPON COMPLETION OF THE WORK.
3. CONTINUATION OF SERVICES. WHEN NECESSARY TO TEMPORARILY SHUT DOWN BUILDING OR PORTION OF BUILDING DUE TO MECHANICAL OR ELECTRICAL CHANGE OVER, NOTIFY OWNER IN WRITING MINIMUM 72 HOURS IN ADVANCE AND SCHEDULE SHUT DOWN TO ACCOMMODATE OWNER AND STAFF. SHUT DOWNS MUST BE OF LIMITED DURATION, SCHEDULED, AND WRITTEN APPROVAL OBTAINED FROM OWNER.
- a. LIMIT DURATIONS OF SHUTDOWNS AND SCHEDULE TO ACCOMMODATE BOTH THE CONTRACTOR AND THE OWNER. THE SHUT DOWN MUST YIELD TO OWNER'S NEEDS AND IS NOT JUSTIFICATION FOR ADDITIONAL COMPENSATION UNLESS APPROVED BY THE OWNER AS ABOVE AND BEYOND NORMAL PROJECT SHUT DOWN.
5. EXISTING AND TEMPORARY UTILITIES. CONNECTING INTO EXISTING UTILITIES AND SERVICES IS PERMITTED TO THE EXTENT IT IS AVAILABLE. ASSUME FULL RESPONSIBILITY FOR THE SYSTEMS INCLUDING CLEANING AND RESTORATION AND PRACTICE ENERGY CONSERVATION. PROVIDE HOOK UPS AND EXTENSIONS REQUIRED.
- a. PROVIDE BRANCH DUCTS AS REQUIRED. MAINTAIN MINIMUM AMBIENT TEMPERATURE OF 50 DEG F IN AREAS WHERE CONSTRUCTION IS IN PROGRESS UNLESS OTHERWISE INDICATED.
- b. VENTILATE ENCLOSED AREAS TO ASSIST CURE OF MATERIALS, TO DISSIPATE HUMIDITY, AND TO PREVENT ACCUMULATION OF DUST OF FUMES, VAPORS, AND GASES.
- c. PROVIDE AND MAINTAIN PLUMBING AND WATER FOR CONSTRUCTION SERVICES. PROVIDE HOSES, BRANCH PIPING, AND CONNECTIONS REQUIRED.
- d. USE DESIGNATED TOILET FACILITIES, WASH FACILITIES, AND DRINKING WATER FIXTURES DESIGNATED BY OWNER. MAINTAIN CLEAN AND SANITARY FACILITIES.
6. TELEPHONE SERVICE. PROVIDE, MAINTAIN, AND PAY FOR CELLULAR PHONE FOR CONTRACTOR'S SUPERINTENDENT'S USE.
7. BARRIERS. PROVIDE BARRIERS TO PREVENT UNAUTHORIZED ENTRY TO CONSTRUCTION AREAS AND TO PROTECT EXISTING FACILITIES AND ADJACENT PROPERTIES FROM DAMAGE IN COMPLIANCE WITH GOVERNING AUTHORITIES.
8. SCAFFOLDING, HOSTS, STAIRS, LADDERS. COMPLY WITH NFPA 241.
9. TEMPORARY ENCLOSURES, PARTITIONS, AND PROTECTIONS. WHEN TEMPORARY ENCLOSURES OR PARTITIONS ARE NECESSARY, PROVIDE FIRE RETARDANT TREATED LUMBER.
- a. PROVIDE DUSTPROOF PARTITIONS AND BARRIERS AS REQUIRED OR AS INDICATED TO PREVENT SPREADING DUST AND FUMES TO OCCUPIED PORTIONS OF THE BUILDING. CONSTRUCT FROM MINIMUM 4 INCH STUDS, TYPE X GYPSUM BOARD WITH TAPED JOINTS ON OCCUPIED SIDE. 1/2-INCH-THICK FIRE RETARDANT TREATED PLYWOOD ON DEMOLITION OR CONSTRUCTION SIDE, AND FILL PARTITION CAVITY WITH SOUND DEADENING MATERIALS.
10. PARKING. USE DESIGNATED AREAS FOR CONSTRUCTION PARKING TO THE EXTENT AVAILABLE. COORDINATE WITH BUILDING MANAGEMENT AND OWNER. MAKE ARRANGEMENTS FOR OFF SITE PARKING FOR OVERFLOW.
11. CLEANING. MAINTAIN AREAS FREE OF WASTE MATERIALS, DEBRIS, AND RUBBISH. CLEAN SITE DAILY AND LEAVE IN ORDERLY CONDITION.
- a. ARRANGE FOR DAILY TRASH AND DEBRIS REMOVAL. DO NOT USE BUILDING DUMPSTERS UNLESS PERMITTED IN WRITING BY OWNER.
- b. DO NOT ALLOW FLAMMABLE OR HAZARDOUS MATERIALS OR REFUSE TO ACCUMULATE. ARRANGE FOR LEGAL REMOVAL AND DISPOSAL OF FLAMMABLE OR HAZARDOUS MATERIALS.
- c. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
1. REMOVAL OF UTILITIES, FACILITIES, AND CONTROLS. REMOVE TEMPORARY UTILITIES, EQUIPMENT, FACILITIES, AND MATERIALS PRIOR TO SUBSTANTIAL COMPLETION APPLICATION.
2. CLEAN AND REPAIR DAMAGE CAUSED BY INSTALLATION OR USE OF TEMPORARY WORK AT NO ADDITIONAL EXPENSE TO THE OWNER.
- M. PRODUCT REQUIREMENTS.
1. PRODUCTS. NEW MATERIALS, MACHINERY, COMPONENTS, EQUIPMENT, FIXTURES, AND SYSTEMS FORMING WORK, BUT DOES NOT INCLUDE MACHINERY AND EQUIPMENT USED FOR PREPARATION, FABRICATION, CONVEYING, AND ERECTION OF WORK. USE INTERCHANGEABLE COMPONENTS OF THE SAME MANUFACTURER FOR SIMILAR COMPONENTS. USE NEW MATERIALS IN THE EXECUTION OF THE WORK UNLESS OTHERWISE INDICATED.
2. TRANSPORTATION, HANDLING, STORAGE, AND PROTECTION. TRANSPORT, HANDLE, STORE, AND PROTECT MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- N. EXECUTION REQUIREMENTS.
1. EXISTING CONDITIONS. THE EXISTENCE AND LOCATION OF UTILITIES, AND CONSTRUCTION INDICATED AS EXISTING ARE APPROXIMATE. PRIOR TO COMMENCEMENT OF WORK, INVESTIGATE AND VERIFY EXISTENCE AND LOCATION OF MECHANICAL AND ELECTRICAL SYSTEMS AND OTHER CONSTRUCTION AFFECTING THE WORK.
2. FIELD MEASUREMENTS. TAKE FIELD MEASUREMENTS REQUIRED TO FIT THE WORK PROPERLY. RECHECK MEASUREMENTS BEFORE INSTALLING EACH PRODUCT. WHERE PORTIONS OF THE WORK ARE INDICATED TO FIT TO ADJACENT CONSTRUCTION, VERIFY DIMENSIONS OF CONSTRUCTION BY FIELD MEASUREMENTS PRIOR TO FABRICATION. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING WORK.
3. LAYOUT REQUIREMENTS. VERIFY SPACE REQUIREMENTS AND DIMENSIONS OF ITEMS SHOWN DIAGRAMMATICALLY ON DRAWINGS.
- a. LAY OUT WORK TO BE PERFORMED. PROVIDE AND PAY FOR CONSTRUCTION LAYOUT WORK. VERIFY DIMENSIONS SHOWN ON THE DRAWINGS. NOTIFY ARCHITECT IN WRITING OF DISCREPANCIES FOUND BEFORE PROCEEDING OR CONTINUING WITH THE WORK.
- b. DURING PROGRESS OF THE WORK, ESTABLISH ADDITIONAL BENCHMARKS, REFERENCE LINES AND REFERENCE POINTS AND LEVELS AS NECESSARY FOR THE GUIDANCE AND INFORMATION OF EACH TRADE AND FOR THE FIELD VERIFICATION OF SPECIFIED CONSTRUCTION TOLERANCES. CALCULATE AND MEASURE REQUIRED DIMENSIONS WITHIN INDICATED OR RECOGNIZED TOLERANCES.
- c. LOCATE WORK AND COMPONENTS OF THE WORK ACCURATELY IN CORRECT ALIGNMENT AND ELEVATION, AS INDICATED.
- d. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
- e. CONDUCT CONSTRUCTION OPERATIONS SO NO PART OF THE WORK IS SUBJECTED TO DAMAGING OPERATIONS OR LOADING IN EXCESS OF THAT EXPECTED DURING NORMAL CONDITIONS OF OCCUPANCY.
- f. ANCHORS AND FASTENERS. PROVIDE ANCHORS AND FASTENERS AS REQUIRED TO ANCHOR EACH COMPONENT SECURELY IN PLACE, ACCURATELY LOCATED AND ALIGNED WITH OTHER PORTIONS OF THE WORK.
- g. MOUNTING HEIGHTS. WHERE MOUNTING HEIGHTS ARE NOT INDICATED, MOUNT COMPONENTS AT HEIGHTS COMPLIANT WITH ADMAJ WHEN APPLICABLE.
- h. CUTTING AND PATCHING.
- i. EMPLOY SKILLED AND EXPERIENCED INSTALLER TO PERFORM CUTTING AND PATCHING NEW OR EXISTING WORK. RESTORE USING NEW MATERIALS.
- j. SUBMIT WRITTEN REQUEST IN ADVANCE OF CUTTING OR ALTERING STRUCTURAL OR BUILDING ENCLOSURE ELEMENTS.
- k. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND RECOMMENDATIONS.
- l. REFINISH SURFACES TO MATCH ADJACENT FINISHES.
- m. RESTORE TO ORIGINAL OR REQUIRED FIRE AND SMOKE RATINGS.
7. CORE DRILLING. PERFORM CORE DRILLING OF STRUCTURAL SLABS TO ACCOMMODATE PASSAGE OF PIPE SLEEVES, DUCTS, CONDUIT, OR SIMILAR UTILITY SERVICE LINES THROUGH FLOORS BY TRADE REQUIRING OPENING. SUPERVISE PATCHING HOLES AND VERIFY ANY CORE DRILLED HOLE THROUGH STRUCTURAL SLAB IS FIRE STOPPED WITH APPROVED FIRESTOPPING COMPLYING WITH APPROPRIATE UL LISTING.
- a. NOTIFY OWNER MINIMUM 48 HOURS IN ADVANCE OF CORE DRILLING TO OBTAIN APPROVAL. EACH DAY CORE DRILLING IS REQUIRED, OBTAIN PERMISSION OF THE OWNER AND BUILDING MANAGEMENT PRIOR TO COMMENCEMENT OF CORE DRILLING. COMPLY WITH THE FOLLOWING REQUIREMENTS.
1. DEMONSTRATE EFFECTIVENESS OF GROUND FAULT SAFETY DEVICE IN STOPPING THE DRILL WHEN THE BITS CONTACTS METAL.
2. INVESTIGATE AREA WHERE CORE DRILLING WILL OCCUR TO DETERMINE:
- a) THE EXACT LOCATION OF PENETRATION ON THE CEILING BELOW.
- b) THE POSSIBILITY OF PREDICTABLE CONDUIT RUNNING THROUGH THE SLAB OR POTENTIAL, FORESEEABLE PROBLEMS.
- c) OBTAIN APPROVAL FOR DRILL BIT COOLANT FROM OWNER AND ARCHITECT, AND
- d) ADVISE OWNER AND ARCHITECT OF NECESSARY PRECAUTIONS.
8. PROTECTION OF WORK. PROTECT EXISTING AND NEW WORK AND EQUIPMENT FROM DAMAGE. THE INSTALLING TRADE IS RESPONSIBLE FOR THE PROTECTION OF ITS WORK UNTIL THE WORK IS COMPLETE AND MATERIALS AND APPARATUS HAVE BEEN TESTED AND ACCEPTED. OBTAIN DIRECTIONS AND CONTINUE PROTECTION OF WORK AFTER INSTALLER IS NO LONGER ON THE JOB. REPAIR OR REPLACE DAMAGED WORK.
- a. EXERCISE CARE TO PREVENT DAMAGE TO EXISTING WORK, EQUIPMENT, LANDSCAPING, FIXTURES, UTILITIES, AND SIMILAR ITEMS DURING CONSTRUCTION PERIOD UNTIL FINAL ACCEPTANCE. REPAIR OR REPLACE DAMAGED ITEMS OR WORK AT NO EXPENSE TO OWNER.
- b. TAKE RESPONSIBILITY FOR INSTALLED WORK AND ARRANGE TO PROTECT WORK, EQUIPMENT, AND MATERIALS IN ACCORDANCE WITH RECOMMENDATIONS OF MANUFACTURER AND INSTALLER. COVER WORK, EQUIPMENT, AND MATERIALS TO PROTECT FROM DUST, TRAFFIC, WEAR, AND INJURY INCLUDING DAMAGE FROM WORKMEN. REPAIR OR REPLACE DAMAGED WORK.
- c. PROMPTLY REPAIR DAMAGE TO WORK OF OTHER TRADES, EXISTING CONDUITS, DUCTS, DRAIN, SEWERS, PIPES, UTILITIES, AND SIMILAR ITEMS AT THE EXPENSE OF THE OFFENDING INSTALLER OR TRADE.
- O. PROJECT CLOSEOUT.
1. CLOSEOUT PROCEDURES. SUBMIT WRITTEN CERTIFICATION THAT CONTRACT DOCUMENTS HAVE BEEN REVIEWED, WORK INSPECTED, AND WORK COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND READY FOR ARCHITECT'S INSPECTION.
- a. SUBMIT FINAL APPLICATION FOR PAYMENT IDENTIFYING TOTAL ADJUSTED CONTRACT SUM, PREVIOUS PAYMENTS, AND REMAINING AMOUNT DUE.
2. FINAL CLEANING. EXECUTE FINAL CLEANING PRIOR TO FINAL INSPECTION.
- a. CLEAN INTERIOR AND EXTERIOR SURFACES EXPOSED TO VIEW.
- b. LEGALLY REMOVE AND DISPOSE WASTE AND SURPLUS MATERIALS, RUBBISH, AND CONSTRUCTION FACILITIES FROM SITE. WHENEVER POSSIBLE, RECYCLE CONSTRUCTION WASTES AND DEBRIS.
3. ADJUSTING. ADJUST OPERATING EQUIPMENT AND MATERIALS TO ENSURE SMOOTH AND UNHINDERED OPERATIONS.
4. OPERATION AND MAINTENANCE DATA. SUBMIT TWO SETS PRIOR TO FINAL INSPECTION, BOUND IN 8-1/2" X 11" TEXT PAGES, THREE-RING HARD COVER BINDER. PROVIDE AN ADDITIONAL COPY IN ELECTRONIC PDF FORMAT.
- a. PROVIDE ONE SET OF PRINTED OPERATING AND MAINTENANCE INSTRUCTIONS INCLUDING OIL AND LUBRICATION INSTRUCTIONS, FILTER CHANGES, FAN BELT ADJUSTMENTS, AND SIMILAR ITEMS.
- b. PREPARE BINDER COVER WITH IDENTIFICATION TITLE AND PROJECT NAME.
- c. INTERNALLY SUBDIVIDE BINDER CONTENTS WITH PERMANENT PAGE DIVIDERS, LOGICALLY ORGANIZED BY PRODUCT DIVISION.
- d. CONTENTS.
- 1) DIRECTORY LISTING NAMES, ADDRESSES, AND TELEPHONE NUMBERS OF ARCHITECT, CONTRACTOR, SUBCONTRACTOR, AND MAJOR EQUIPMENT SUPPLIERS.
- 2) OPERATION AND MAINTENANCE INSTRUCTIONS ARRANGED BY SYSTEM.
- 3) PROJECT DOCUMENT AND CERTIFICATIONS.
- 4) SHOP DRAWINGS.
- 5) PRODUCT DATA.
- 6) AIR AND WATER BALANCE REPORTS.
- 7) WARRANTIES.
5. WARRANTIES. PROVIDE DUPLICATE NOTARIZED COPIES. EXECUTE AND ASSEMBLE DOCUMENT FROM SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS. SUBMIT PRIOR TO FINAL APPLICATION FOR PAYMENT.
6. SPARE PARTS AND MAINTENANCE MATERIALS. PROVIDE PRODUCTS, SPARE PARTS, MAINTENANCE, AND EXTRA MATERIALS IN QUANTITIES SPECIFIED IN INDIVIDUAL SECTIONS. DELIVER TO SITE AND PLACE IN LOCATION DIRECTED. OBTAIN RECEIPT PRIOR TO FINAL PAYMENT.
- P. RECORD DRAWINGS.
1. PROJECT RECORD DOCUMENTS. MAINTAIN ON SITE IN OFFICE, ONE SET OF CONTRACT DOCUMENTS AND SHOP DRAWINGS TO BE UTILIZED FOR RECORD DOCUMENTS. RECORD ACTUAL REVISIONS TO THE WORK CONCURRENT WITH CONSTRUCTION PROGRESS.
5. SUBMITTAL. SUBMIT ONE HARD COPY SET OF MARKED UP RECORD PRINTS AND PDF ELECTRONIC FILES OF SCANNED MARKED UP RECORD DRAWINGS WITH COMMENT FUNCTION ENABLED. PLOT EACH DRAWING FILE, WHETHER OR NOT CHANGES AND ADDITIONAL INFORMATION WERE RECORDED. SUBMIT DOCUMENTS TO ARCHITECT WITH CLAIM FOR FINAL APPLICATION FOR PAYMENT.
- a. PREPARE A FULL SET OF CORRECTED DRAWINGS INCLUDING, BUT NOT LIMITED TO, THE FOLLOWING:
- 1) DIMENSIONAL CHANGES TO DRAWINGS.
- 2) REVISIONS TO DETAILS SHOWN ON DRAWINGS.
- 3) REVISIONS TO ROUTING OF PIPING AND CONDUITS.
- 4) REVISIONS TO ELECTRICAL CIRCUITRY.
- 5) ACTUAL EQUIPMENT LOCATIONS.
- 6) DUCT SIZE AND ROUTING.
- 7) LOCATIONS OF CONCEALED INTERNAL UTILITIES.
- 8) CHANGES MADE BY CHANGE ORDER. NOTE CHANGE ORDER NUMBERS, AND SIMILAR IDENTIFICATION AS APPLICABLE.
- 9) IMPORTANT ADDITIONAL INFORMATION THAT WAS EITHER SHOWN SCHEMATICALLY OR OMITTED FROM ORIGINAL DRAWINGS.
- 10) CHANGES MADE FOLLOWING ARCHITECT'S WRITTEN ORDERS.
- 11) DETAILS NOT ON THE ORIGINAL CONTRACT DRAWINGS.
- 12) FIELD RECORDS FOR VARIABLE AND CONCEALED CONDITIONS.
- Q. STARTING OF SYSTEMS.
1. STARTING SYSTEMS. PROVIDE NOTIFICATION MINIMUM 7 DAYS PRIOR TO START UP OF EACH SYSTEM.
- a. ENSURE EACH PIECE OF EQUIPMENT OR SYSTEM IS READY FOR OPERATIONS.
- b. EXECUTE START UP UNDER SUPERVISION OF RESPONSIBLE PERSON IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- c. SUBMIT WRITTEN REPORT STATING EQUIPMENT OR SYSTEM HAS BEEN PROPERLY INSTALLED AND IS FUNCTIONING CORRECTLY.
2. TESTING, ADJUSTING, AND BALANCING. APPOINT, EMPLOY, AND PAY FOR SERVICES OF INDEPENDENT FIRM TO PERFORM TESTING, ADJUSTING, AND BALANCING. REPORTS WILL BE SUBMITTED BY INDEPENDENT FIRM TO ARCHITECT INDICATING OBSERVATIONS AND RESULTS OF TESTS AND INDICATING COMPLIANCE WITH REQUIREMENTS.

END OF SECTION 01 00 00

LCD SCREEN - CONTRACTOR TO COORDINATE INSTALLATION.

SELECTIVE DEMOLITION

- SECTION 02 41 19 - SELECTIVE DEMOLITION
- PART 1 - GENERAL
- A. MATERIALS OWNERSHIP. UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES PROPERTY OF CONTRACTOR. MATERIALS TO BE REUSED REMAIN THE PROPERTY OF THE OWNER.
- B. OWNER WILL OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREA. CONDUCT SELECTIVE DEMOLITION SO OWNER'S OPERATIONS WILL NOT BE DISRUPTED.
- C. CONDITIONS EXISTING AT TIME OF INSPECTION FOR BIDDING PURPOSE WILL BE MAINTAINED BY OWNER AS FAR AS PRACTICAL.
- D. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
- E. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB. IMMEDIATELY NOTIFY ARCHITECT AND OWNER. HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER UNDER A SEPARATE CONTRACT.
- F. MAINTAIN FIRE-PROTECTION FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS.
- PART 2 - PRODUCTS
- A. REGULATORY REQUIREMENTS. COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
- B. STANDARDS. COMPLY WITH ANSI/ASSE A10.8 AND NFPA 241.
- PART 3 - EXECUTION
- A. MAINTAIN EXISTING UTILITIES/SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE.
- B. LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
1. OWNER WILL ARRANGE TO SHUT OFF INDICATED SERVICES/SYSTEMS WHEN REQUESTED BY CONTRACTOR. PROVIDE MINIMUM 48 HOURS NOTICE WHEN REQUESTING SHUT OFF.
2. IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.
3. DISCONNECT, DEMOLISH, AND REMOVE FIRE-SUPPRESSION SYSTEMS, PLUMBING, AND HVAC SYSTEMS, EQUIPMENT, AND COMPONENTS INDICATED TO BE REMOVED.
- C. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:
1. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE POWER TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHIPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS TO REMAIN.
2. CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES TO AVOID MARRING EXISTING FINISHED SURFACES.
3. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS, VERIFY CONDITION AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN FIRE WATCH AND PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.
4. MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES.
5. REMOVE DECAYED, VERMIN-INFESTED, OR OTHERWISE DANGEROUS OR UNSUITABLE MATERIALS AND PROMPTLY DISPOSE OF OFF-SITE.
6. LOCATE SELECTIVE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
7. WHEN CUTTING CONCRETE, MASONRY, WALLBOARD AND ANY OTHER DUST-PRODUCING MATERIALS, PROVIDE TEMPORARY BARRIERS TO PREVENT SPREAD OF DUST INTO THE REST OF THE BUILDING. PROVIDE FILTERS FOR MECHANICAL SYSTEMS AND AIR DUCTS.
8. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
- D. DEMONSTRATE EFFECTIVENESS OF GROUND FAULT SAFETY DEVICE IN STOPPING THE DRILL WHEN THE BITS CONTACTS METAL.
- E. DEMONSTRATE EFFECTIVENESS OF GROUND FAULT SAFETY DEVICE IN STOPPING THE DRILL WHEN THE BITS CONTACTS METAL.
1. INVESTIGATE AREA WHERE CORE DRILLING WILL OCCUR TO DETERMINE:
- a) THE EXACT LOCATION OF PENETRATION ON THE CEILING BELOW.
- b) THE POSSIBILITY OF PREDICTABLE CONDUIT RUNNING THROUGH THE SLAB OR POTENTIAL, FORESEEABLE PROBLEMS.
- c) OBTAIN APPROVAL FOR DRILL BIT COOLANT FROM OWNER AND ARCHITECT, AND
- d) ADVISE OWNER AND ARCHITECT OF NECESSARY PRECAUTIONS.
8. PROTECTION OF WORK. PROTECT EXISTING AND NEW WORK AND EQUIPMENT FROM DAMAGE. THE INSTALLING TRADE IS RESPONSIBLE FOR THE PROTECTION OF ITS WORK UNTIL THE WORK IS COMPLETE AND MATERIALS AND APPARATUS HAVE BEEN TESTED AND ACCEPTED. OBTAIN DIRECTIONS AND CONTINUE PROTECTION OF WORK AFTER INSTALLER IS NO LONGER ON THE JOB. REPAIR OR REPLACE DAMAGED WORK.
- a. EXERCISE CARE TO PREVENT DAMAGE TO EXISTING WORK, EQUIPMENT, LANDSCAPING, FIXTURES, UTILITIES, AND SIMILAR ITEMS DURING CONSTRUCTION PERIOD UNTIL FINAL ACCEPTANCE. REPAIR OR REPLACE DAMAGED ITEMS OR WORK AT NO EXPENSE TO OWNER.
- b. TAKE RESPONSIBILITY FOR INSTALLED WORK AND ARRANGE TO PROTECT WORK, EQUIPMENT, AND MATERIALS IN ACCORDANCE WITH RECOMMENDATIONS OF MANUFACTURER AND INSTALLER. COVER WORK, EQUIPMENT, AND MATERIALS TO PROTECT FROM DUST, TRAFFIC, WEAR, AND INJURY INCLUDING DAMAGE FROM WORKMEN. REPAIR OR REPLACE DAMAGED WORK.
- c. PROMPTLY REPAIR DAMAGE TO WORK OF OTHER TRADES, EXISTING CONDUITS, DUCTS, DRAIN, SEWERS, PIPES, UTILITIES, AND SIMILAR ITEMS AT THE EXPENSE OF THE OFFENDING INSTALLER OR TRADE.
- O. PROJECT CLOSEOUT.
1. CLOSEOUT PROCEDURES. SUBMIT WRITTEN CERTIFICATION THAT CONTRACT DOCUMENTS HAVE BEEN REVIEWED, WORK INSPECTED, AND WORK COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND READY FOR ARCHITECT'S INSPECTION.
- a. SUBMIT FINAL APPLICATION FOR PAYMENT IDENTIFYING TOTAL ADJUSTED CONTRACT SUM, PREVIOUS PAYMENTS, AND REMAINING AMOUNT DUE.
2. FINAL CLEANING. EXECUTE FINAL CLEANING PRIOR TO FINAL INSPECTION.
- a. CLEAN INTERIOR AND EXTERIOR SURFACES EXPOSED TO VIEW.
- b. LEGALLY REMOVE AND DISPOSE WASTE AND SURPLUS MATERIALS, RUBBISH, AND CONSTRUCTION FACILITIES FROM SITE. WHENEVER POSSIBLE, RECYCLE CONSTRUCTION WASTES AND DEBRIS.
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- Q. STARTING OF SYSTEMS.
1. STARTING SYSTEMS. PROVIDE NOTIFICATION MINIMUM 7 DAYS PRIOR TO START UP OF EACH SYSTEM.
- a. ENSURE EACH PIECE OF EQUIPMENT OR SYSTEM IS READY FOR OPERATIONS.
- b. EXECUTE START UP UNDER SUPERVISION OF RESPONSIBLE PERSON IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
- c. SUBMIT WRITTEN REPORT STATING EQUIPMENT OR SYSTEM HAS BEEN PROPERLY INSTALLED AND IS FUNCTIONING CORRECTLY.
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END OF SECTION 02 41 19

MISC. CAST-IN-PLACE CONCRETE

- SECTION 03 30 53 - MISCELLANEOUS CAST-IN-PLACE CONCRETE
- PART 1 - GENERAL
- 1.1. INFORMATIONAL SUBMITTALS
- A. DESIGN MIXES. SUBMIT CONCRETE MIX DESIGN AT LEAST 3 WEEKS PRIOR TO BEGINNING OF CAST-IN-PLACE CONCRETE WORK.
- B. QUALIFICATION DATA. SUBMIT QUALIFICATION DATA FOR INSTALLER.
- 1.2. QUALITY ASSURANCE
- A. INSTALLER QUALIFICATION. AN EXPERIENCED INSTALLER, ACCEPTABLE TO THE ARCHITECT, WITH NOT LESS THAN FIVE YEARS' EXPERIENCE, WHO HAS COMPLETED CONCRETE WORK ON NOT LESS THAN THREE PROJECTS WHICH WERE SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WHOSE WORK HAS RESULTED IN CONSTRUCTION WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
- B. SOURCE LIMITATIONS. OBTAIN EACH TYPE OF CEMENT OF THE SAME BRAND FROM THE SAME MANUFACTURER'S PLANT, EACH AGGREGATE FROM ONE SOURCE, AND EACH ADMIXTURE FROM THE SAME MANUFACTURER.
- C. STANDARDS. COMPLY WITH ACI 301, "SPECIFICATION FOR STRUCTURAL CONCRETE," AND ACI 318, "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE," EXCEPT AS MODIFIED BY THE REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- 1.3. DELIVERY, STORAGE AND HANDLING
- A. DELIVER MATERIALS TO THE SITE IN MANUFACTURER'S ORIGINAL UNOPENED CONTAINERS. STORE MATERIALS IN A DRY, WELL VENTILATED SPACE.
- PART 2 - PRODUCTS
- 2.1. FORMWORK
- A. FORMWORK. FURNISH FORMWORK FOR SMOOTH-FORM FINISH, AND FORMWORK ACCESSORIES ACCORDING TO ACI 307 (ACI 301M), ARTICLE 2.2 "PRODUCTS."
- 2.2. STEEL REINFORCEMENT
- A. STEEL DOUELS. ASTM A 615/A 615M, GRADE 60 (GRADE 420), DEFORMED, #4 BARS UNLESS OTHERWISE SHOWN.
- B. PLAIN-STEEL WELDED WIRE FABRIC. 6 X 6-W2.9 X W2.9, COMPLYING WITH ASTM A 185/A 185M, AND FABRICATED FROM AS-DRAWN STEEL WIRE INTO FLAT SHEETS.
- 2.3. CONCRETE MATERIALS
- A. PORTLAND CEMENT. ASTM C 150, TYPE I, II, OR III.
- B. NORMAL-WEIGHT AGGREGATES. ASTM C 33, UNIFORMLY GRADED, WITH COARSE AGGREGATES NOT EXCEEDING 3/4 INCH (19 MM) NOMINAL SIZE.
- C. WATER. POTABLE.
- 2.4. RELATED MATERIALS
- A. VAPOR RETARDER. ASTM E 1745, CLASS A, OR, C, EXCEPT WITH MAXIMUM PERM RATINGS OF 0.04.
1. PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
- a. REEF INDUSTRIES, INC., GRIFFOLYN TYPE-65.
- b. STEGO INDUSTRIES, LLC, STEGO WRAP (CLASS A VAPOR RETARDER).
- c. VAPOR RETARDER TAPES. HIGH DENSITY POLYETHYLENE TYPES WITH PRESSURE SENSITIVE ADHESIVE OR DOUBLE SIDED MASTIC TAPES, MINIMUM 4 INCHES (100 MM) WIDE.
- D. PIPE BOOT MATERIAL. FIELD, OR FACTORY, FABRICATED BOOTS MANUFACTURED FROM VAPOR BARRIER MATERIALS.
- E. GRANULAR FILL. CLEAN CRUSHED STONE OR GRAVEL, COMPLYING WITH ASTM C33, SIZE 57. FREE OF ORGANIC MATERIALS, CINDERS, TRASH AND RUBBLE.
- F. JOINT-FILLER STRIPS. ASTM D 1751, ASPHALT-SATURATED CELLULOSIC FIBER, OR ASTM D 1752 CORK.
- G. EXCAVATION SEALANT. ASTM C 1050/C 1050M, TYPE I (REDISPERSABLE), SPECIFICALLY RESTRICTED FOR USE IN INTERIOR WORK NOT SUBJECT TO WATER IMMERSION OR HIGH HUMIDITY, ONE OF THE FOLLOWING POLYVINYL ACETATE BASED PRODUCTS:
1. PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
- a. DARTON SUPERIOR CORP., SUPERIOR CONCRETE BONDER.
- b. EUCOLD CHEMICAL CO., EUCO WELD.
- c. LARSEN PRODUCTS CORP., WELD-CRETE.
- d. L&M CONSTRUCTION CHEMICALS, INC., EVERWELD.
- 2.5. CURBED WATERED
- A. MOISTURE-RETAINING COVER. ASTM C 171, POLYETHYLENE FILM OR WHITE BURLAP-POLYETHYLENE SHEET.
- B. WATER. POTABLE.
- C. CLEAR, SOLVENT-BORNE, MEMBRANE-FORMING CURING AND SEALING COMPOUND. ASTM C 1315, TYPE 1, CLASS A.
1. VOC CONTENT. CURING AND SEALING COMPOUNDS SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- D. CLEAR, WATERBORNE, MEMBRANE-FORMING CURING AND SEALING COMPOUND. ASTM C 1315, TYPE 1, CLASS A.
1. VOC CONTENT. CURING AND SEALING COMPOUNDS SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- E. PRIMER. CONCRETE MIXTURES TO COMPLY WITH ACI 211.1.
- F. PREPARE WITH A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI (27.6 MPa), AND 4 INCH (100 MM) SLUMP.
- 2.6. CONCRETE MIXING
- A. GENERAL. EITHER READY MIX OR SITE MIX CONCRETE AT CONTRACTOR'S OPTION.
- B. READY-MIXED CONCRETE. COMPLY WITH ASTM C 94M.
- C. PROJECT-SITE MIXING. MIX ON WATERIGHT PLATFORMS. MEASURE, BATCH, AND MIX CONCRETE MATERIALS AND CONCRETE ACCORDING TO ASTM C 94/C 94M. MIX CONCRETE MATERIALS IN APPROPRIATE DRUM-TYPE BATCH MACHINE MIXER. EXCESSIVE MIXING REQUIRING THE ADDITION OF WATER TO PRESERVE THE REQUIRED CONSISTENCY WILL NOT BE PERMITTED. MIX CONCRETE TO A CONSISTENCY THAT CAN BE READILY PLACED WITHOUT SEGREGATION.
- PART 3 -
- 3.1. SLAB ON GRADE RENOVATION PREPARATION
- A. LOCATE WORK TO BE PERFORMED BELOW EXISTING SLABS ON GRADE. SAW CUT COMPLETELY THROUGH EXISTING SLABS ON GRADE AS REQUIRED TO PERFORM WORK BELOW THE SLABS.
- B. EXCAVATE TO THE LINES AND ELEVATIONS INDICATED. MAKE EXCAVATIONS SUFFICIENTLY LARGE FOR THE INSTALLATION AND INSPECTION OF THE WORK BELOW GRADE.
- C. EXCAVATION. EXCAVATE TO THE LINES AND ELEVATIONS INDICATED. MAKE EXCAVATIONS SUFFICIENTLY LARGE FOR THE INSTALLATION AND INSPECTION OF THE WORK BELOW GRADE.
- D. CLEAR, WATERBORNE, MEMBRANE-FORMING CURING AND SEALING COMPOUND. ASTM C 1315, TYPE 1, CLASS A.
1. VOC CONTENT. CURING AND SEALING COMPOUNDS SHALL HAVE A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- E. PRIMER. CONCRETE MIXTURES TO COMPLY WITH ACI 211.1.
- F. PREPARE WITH A 28 DAY COMPRESSIVE STRENGTH OF 4000 PSI (27.6 MPa), AND 4 INCH (100 MM) SLUMP.
- 3.2. FORMWORK
- A. GENERAL. DESIGN, CONSTRUCT, ERECT, SHORE, BRACE, AND MAINTAIN FORMWORK ACCORDING TO ACI 347R. FABRICATE FORMS TO CONFORM TO THE LINES, DIMENSIONS AND SHAPES OF CONCRETE SHOWN PROVIDING FOR PROTECTION OF EXISTING WORK.
- B. PREPARATION OF FORM SURFACES. USE NON-STAINING MINERAL OIL, OR FORM LACQUER.
- C. DOWELS. PREDRILL HOLES INTO EXISTING CONCRETE, SPACED 32 INCHES (813 MM) O.C. UNLESS OTHERWISE SHOWN, AND SLIGHTLY OVERSIZED TO RECEIVE DOWELS. INSERT DOWELS INTO HOLES PRIOR TO PLACING CONCRETE.
- G. EXCAVATION SEALANT. ASTM C 1050/C 1050M, TYPE I (REDISPERSABLE), SPECIFICALLY RESTRICTED FOR USE IN INTERIOR WORK NOT SUBJECT TO WATER IMMERSION OR HIGH HUMIDITY, ONE OF THE FOLLOWING POLYVINYL ACETATE BASED PRODUCTS:
1. PRODUCTS. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE ONE OF THE FOLLOWING:
- a. DARTON SUPERIOR CORP., SUPERIOR CONCRETE BONDER.
- b. EUCOLD CHEMICAL CO., EUCO WELD.
- c. LARSEN PRODUCTS CORP., WELD-CRETE.
- d. L&M CONSTRUCTION CHEMICALS, INC., EVERWELD.
- 3.3. VAPOR RETARDER FOR SLAB ON GRADE
- A. INSTALL, PROTECT, AND REPAIR VAPOR-RETARDER SHEETS ACCORDING TO ASTM E 1843; PLACE SHEETS IN POSITION WITH LONGEST DIMENSION PARALLEL WITH DIRECTION OF POUR.
- B. LAP JOINTS 6 INCHES (153 MM) AND SEAL WITH MANUFACTURER'S RECOMMENDED TAPE. SEAL PIPE PENETRATIONS WITH MANUFACTURER'S RECOMMENDED PIPE BOOT.
- 3.4. STEEL REINFORCEMENT
- A. COMPLY WITH CRSI'S "MANUAL OF STANDARD PRACTICE" FOR FABRICATING, PLACING, AND SUPPORTING WIRE MESH REINFORCEMENT.
1. DO NOT CUT OR PUNCTURE VAPOR RETARDER. REPAIR DAMAGE AND RESEAL VAPOR RETARDER BEFORE PLACING CONCRETE.
- 3.5. CONCRETE PLACEMENT
- A. COMPLY WITH RECOMMENDATIONS IN ACI 304R FOR MEASURING, MIXING, TRANSPORTING, AND PLACING CONCRETE. COMPLY WITH ACI 309 FOR CONCRETE CONSOLIDATION.
- B. CURBS. PLACE CONCRETE INTO CURB FORMS. STRIKE OFF TOP SURFACES OF ALL CURBS TRUE AND LEVEL. TROWEL SMOOTH WITH STEEL TROWEL.
- C. SLABS ON GRADE. DEPOSIT CONCRETE CONTINUOUSLY, OR IN LAYERS OF SUCH THICKNESS THAT NO NEW CONCRETE WILL BE PLACED ON CONCRETE THAT HAS HARDENED SUFFICIENTLY TO CAUSE SEAMS OR PLANES OF WEAKNESS. IF A SECTION CANNOT BE PLACED CONTINUOUSLY, PROVIDE CONSTRUCTION JOINTS. DEPOSIT CONCRETE TO AVOID SEGREGATION AT ITS FINAL LOCATION. MAINTAIN REINFORCING IN PROPER POSITION DURING CONCRETE PLACEMENT.
1. CONSOLIDATE CONCRETE DURING PLACEMENT OPERATIONS SO THAT CONCRETE IS THOROUGHLY WORKED AROUND REINFORCEMENT, OTHER EMBEDDED ITEMS AND INTO CORNERS.
2. BRING SLAB SURFACES TO CORRECT LEVEL USING EXISTING FLOOR SLAB SURFACES AT EITHER SIDE OF UTILITY TRENCHES, AND STRIKE OFF. USE DARBIES TO SMOOTH SURFACE FREE OF HUMPS OR HOLLOW. DO NOT DISTURB SLAB SURFACES PRIOR TO BEGINNING FINISHING OPERATIONS.
- 3.6. FINISHING UNFORMED SURFACES
- A. GENERAL. COMPLY WITH ACI 302.1R FOR SCREEDING, RESTRAIGHTENING, AND FINISHING OPERATIONS FOR CONCRETE SURFACES. DO NOT WET CONCRETE SURFACES.
- B. SCRATCH FINISH. APPLY SCRATCH FINISH TO SURFACES TO RECEIVE CONCRETE FLOOR TOPPING OR MORTAR SETTING BEDS FOR CERAMIC OR QUARRY TILE, PORTLAND CEMENT TERRAZZO, AND OTHER BONDED CEMENTITIOUS FLOOR FINISH, UNLESS OTHERWISE INDICATED.
- C. FLOAT FINISH. APPLY FLOAT FINISH TO SURFACES INDICATED, TO SURFACES TO RECEIVE TROWEL FINISH, AND TO FLOOR AND SLAB SURFACES TO BE COVERED WITH FLUID-APPLIED, SHEET WATERPROOFING, OR SAND-BED TERRAZZO.
- D. TROWEL FINISH. APPLY A HARD TROWEL FINISH TO SURFACES INDICATED AND TO FLOOR AND SLAB SURFACES EXPOSED TO VIEW OR TO BE COVERED WITH RESILIENT FLOORING, CARPET, CERAMIC OR QUARRY TILE SET OVER A CLEAVAGE MEMBRANE, PAINT, OR ANOTHER THIN FILM-FINISH COATING SYSTEM. CONSOLIDATE CONCRETE SURFACE BY HAND-TROWELING OPERATION, FREE OF TROWEL MARKS, UNIFORM IN TEXTURE AND APPEARANCE. GRIND SMOOTH ANY SURFACE DEFECTS THAT WOULD TELEGRAPH THROUGH APPLIED FLOOR COVERING SYSTEM.
- E. TROWEL AND FINE-BROOM FINISH. APPLY A PARTIAL TROWEL FINISH, STOPPING AFTER SECOND TROWELING, TO SURFACES INDICATED AND TO SURFACES WHERE CERAMIC OR QUARRY TILE IS TO BE INSTALLED BY EITHER THICKSET OR THIN-SET METHODS. IMMEDIATELY AFTER SECOND TROWELING, AND WHEN CONCRETE IS STILL PLASTIC, SLIGHTLY SCARIFY SURFACE WITH A FINE BROOM.
- 3.7. TOLERANCES
- A. COMPLY WITH ACI 117.
- 3.8. CONCRETE PROTECTION AND CURING
- A. BEGIN CURING AFTER FINISHING CONCRETE, BUT NOT BEFORE FREE WATER HAS DISAPPEARED FROM CONCRETE SURFACE.
- SELECT CURING METHODS) FROM PARAGRAPH AND SUBPARAGRAPHS BELOW.
- B. CURING METHODS. CURE UNFORMED CONCRETE FOR AT LEAST SEVEN DAYS BY MOISTURE-RETAINING-COVER CURING, CURING COMPOUND, OR A COMBINATION OF THESE AS FOLLOWS:
1. MOISTURE-RETAINING-COVER CURING. COVER CONCRETE SURFACES WITH MOISTURE-RETAINING COVER FOR CURING CONCRETE. PLACE IN WIDEST PRACTICABLE WIDTH, WITH SIDES AND ENDS LAPPED AT LEAST 12 INCHES (300 MM), AND SEALED BY WATERPROOF TAPE OR ADHESIVE. IMMEDIATELY REPAIR ANY HOLES OR TEARS DURING CURING PERIOD USING COVER MATERIAL AND WATERPROOF TAPE.
2. CURING AND SEALING COMPOUND. APPLY UNIFORMLY TO FLOORS AND SLABS INDICATED IN A CONTINUOUS OPERATION BY POWER SPRAY OR ROLLER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. REPEAT PROCESS 24 HOURS LATER AND APPLY A SECOND COAT. MAINTAIN CONTINUITY OF COATING AND REPAIR DAMAGE DURING CURING PERIOD.
- 3.9. FORM REMOVAL
- A. DO NOT REMOVE FORMS UNTIL THE CONCRETE HAS THOROUGHLY HARDENED AND HAS ATTAINED SUFFICIENT STRENGTH TO SUPPORT ITS OWN WEIGHT WITHOUT BULGING.
- 3.10. REPAIRS
- A. REMOVE AND REPLACE CONCRETE THAT DOES NOT COMPLY WITH REQUIREMENTS IN THIS SECTION.
- END OF SECTION 03 30 53

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
SHEET NUMBER:	
SPECIFICATIONS	A 10.02

HYDRAULIC CEMENT UNDERLAYMENT

SECTION 03 54 16 - HYDRAULIC CEMENT UNDERLAYMENT
PART 1 - GENERAL
A. COORDINATE APPLICATION OF UNDERLAYMENT WITH REQUIREMENTS OF FLOOR-COVERING PRODUCTS AND ADHESIVES. TO ENSURE COMPATIBILITY OF PRODUCTS.
PART 2 - PRODUCTS
A. UNDERLAYMENT: HYDRAULIC CEMENT-BASED, POLYMER-MODIFIED, SELF-LEVELING PRODUCT THAT CAN BE APPLIED IN MINIMUM UNIFORM THICKNESS OF 1/4 INCH AND THAT CAN BE FEATHERED AT EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
1. PRODUCTS: PROVIDE ONE OF THE FOLLOWING:
a. ARDEX K-15 SELF-LEVELING UNDERLAYMENT CONCRETE
b. BASF CONSTRUCTION CHEMICALS, INC., CHEMREX SELF-LEVELING UNDERLAYMENT.
c. LAM CONSTRUCTION CHEMICALS, INC., LEVELEX.
d. MAPEI CORPORATION, ULTRAPLAN PLUS.
2. CEMENT BINDER: ASTM C 150, PORTLAND CEMENT, OR HYDRAULIC OR BLENDED HYDRAULIC CEMENT AS DEFINED BY ASTM C 219.
3. COMPRESSIVE STRENGTH: NOT LESS THAN 4000 PSI AT 28 DAYS WHEN TESTED ACCORDING TO ASTM C 109/C 109M.
B. AGGREGATE: AS RECOMMENDED IN WRITING BY UNDERLAYMENT MANUFACTURER FOR UNDERLAYMENT THICKNESS REQUIRED.
C. PRIMER: PRODUCT OF UNDERLAYMENT MANUFACTURER RECOMMENDED IN WRITING FOR SUBSTRATE, CONDITIONS, AND APPLICATION INDICATED, WITH A VOC CONTENT OF 200 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D.
PART 3 - EXECUTION
A. PREPARE AND CLEAN SUBSTRATE ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. TREAT NONMOVING SUBSTRATE CRACKS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS TO PREVENT CRACKS FROM TELEGRAPHING (REFLECTING) THROUGH UNDERLAYMENT. FILL SUBSTRATE VOIDS TO PREVENT UNDERLAYMENT FROM LEAKING.
B. FOR CONCRETE SUBSTRATES, MECHANICALLY REMOVE, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, ADHESIVE RESIDUES, LAITANCE, GLAZE, EFFLORESCENCE, CURING COMPOUNDS, FORM-RELEASE AGENTS, DUST, DIRT, GREASE, OIL, AND OTHER CONTAMINANTS THAT MIGHT IMPAIR UNDERLAYMENT BOND. PERFORM ANY REQUIRED CALCIUM CHLORIDE TEST, ASTM F 1869. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES DO NOT EXCEED A MAXIMUM MOISTURE-VAPOUR-EMISSION RATE OF 3 LB OF WATER/1000 SQ. FT. IN 24 HOURS.
C. FOR TILE SUBSTRATES, REMOVE WAXES, SEALANTS, AND OTHER CONTAMINANTS THAT MIGHT IMPAIR UNDERLAYMENT BOND, AND PREPARE SURFACES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
D. AFTER SUBSTRATE PREPARATION, TEST SUBSTRATE FOR ADHESION WITH UNDERLAYMENT ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
E. MIX AND APPLY UNDERLAYMENT COMPONENTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. COORDINATE APPLICATION OF COMPONENTS, INCLUDING PRIMER, TO PROVIDE OPTIMUM UNDERLAYMENT-TO-SUBSTRATE AND INTERCOAT ADHESION. AT SUBSTRATE EXPANSION, ISOLATION, AND OTHER MOVING JOINTS, ALLOW JOINT OF SAME WIDTH TO CONTINUE THROUGH UNDERLAYMENT.
F. APPLY UNDERLAYMENT TO PRODUCE UNIFORM, LEVEL SURFACE. APPLY A FINAL LAYER WITHOUT AGGREGATE IF REQUIRED TO PRODUCE SMOOTH SURFACE. FEATHER EDGES TO MATCH ADJACENT FLOOR ELEVATIONS.
G. DO NOT INSTALL FLOOR COVERINGS OVER UNDERLAYMENT UNTIL AFTER TIME PERIOD RECOMMENDED IN WRITING BY UNDERLAYMENT MANUFACTURER.
H. REMOVE AND REPLACE UNDERLAYMENT AREAS THAT EVIDENCE LACK OF BOND WITH SUBSTRATE, INCLUDING AREAS THAT EMIT A "HOLLOW" SOUND WHEN TAPPED.
END OF SECTION 03 54 16

COLD-FORMED METAL FRAMING

SECTION 05 40 00 - COLD-FORMED METAL FRAMING
PART 1 - GENERAL
1.1 ACTION SUBMITTALS
A. PRODUCT DATA: SUBMIT PRODUCT DATA FOR EACH TYPE OF COLD-FORMED METAL FRAMING PRODUCT AND ACCESSORY INDICATED.
B. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS OF COLD-FORMED METAL FRAMING WORK, SHOW LAYOUT, SPACINGS, SIZES, THICKNESSES, AND TYPES OF COLD-FORMED METAL FRAMING, FABRICATION, AND FASTENING AND ANCHORAGE DETAILS, SHOW REINFORCING CHANNELS, OPENING FRAMING, SUPPLEMENTAL FRAMING, STRAPPING, BRACING, BRIDGING, SPLICES, ACCESSORIES, CONNECTION DETAILS, AND ATTACHMENT TO ADJOINING WORK. PLANS AND ELEVATIONS SHALL BE SUBMITTED AT NOT LESS THAN 1/8" = 1'-0" SCALE. DETAILS OF SECTIONS AND CONNECTIONS SHALL BE SHOWN AT NOT LESS THAN 1-1/2" = 1'-0" SCALE.
1.2 INFORMATIONAL SUBMITTALS
A. STRUCTURAL CALCULATIONS: SUBMIT, FOR INFORMATION ONLY, COPIES OF STRUCTURAL CALCULATIONS INDICATING COMPLETE COMPLIANCE WITH THE SPECIFIED PERFORMANCE REQUIREMENTS. CALCULATIONS SHALL BE PREPARED, SIGNED AND SEALED BY A PROFESSIONAL ENGINEER REGISTERED IN THE STATE WHEREIN THE WORK IS TO BE ERECTED.
B. MILL CERTIFICATES: SUBMIT MILL CERTIFICATES SIGNED BY STEEL SHEET PRODUCER OR TEST REPORTS FROM A QUALIFIED INDEPENDENT TESTING AGENCY INDICATING STEEL SHEET COMPLIES WITH REQUIREMENTS.
C. WELDING CERTIFICATES: COPIES OF CERTIFICATES FOR WELDING PROCEDURES AND PERSONNEL.
D. PRODUCT TEST REPORTS: SUBMIT PRODUCT TEST REPORTS FROM A QUALIFIED TESTING AGENCY INDICATING THAT EACH OF THE FOLLOWING COMPLIES WITH REQUIREMENTS, BASED ON COMPREHENSIVE TESTING OF CURRENT PRODUCTS: RESEARCH/EVALUATION REPORTS: EVIDENCE OF COLD-FORMED METAL FRAMING'S COMPLIANCE WITH BUILDING CODE IN EFFECT FOR PROJECT, FROM A MODEL CODE ORGANIZATION ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
1.3 QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: ENGAGE AN EXPERIENCED INSTALLER WHO HAS COMPLETED COLD-FORMED METAL FRAMING ON A MINIMUM OF THREE PROJECTS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT IN THE LAST 10 YEARS THAT HAVE A RECORD OF SUCCESSFUL, IN-SERVICE PERFORMANCE.
B. MILL CERTIFICATES: COMPLY WITH AWS D1.102 NORTH AMERICAN SPECIFICATION FOR THE DESIGN OF COLD-FORMED STEEL STRUCTURAL MEMBERS" AND AISI S200 "NORTH AMERICAN STANDARD FOR COLD-FORMED STEEL FRAMING - REQUIREMENTS, DUCTILITY, AND GALVANIZED-COATING THICKNESS."
C. STANDARDS: COMPLY WITH THE APPLICABLE PROVISIONS AND RECOMMENDATIONS OF THE FOLLOWING STANDARDS BELOW, WHERE STANDARDS CONFLICT THE MORE STRINGENT SHALL APPLY:
1. ASTM C 109/C 109M: STEEL SHEET PRODUCER INDICATING STEEL SHEET COMPLIES WITH REQUIREMENTS, INCLUDING UNCOATED STEEL THICKNESS, YIELD STRENGTH, TENSILE STRENGTH, TOTAL ELONGATION, CHEMICAL REQUIREMENTS, DUCTILITY, AND GALVANIZED-COATING THICKNESS.
D. FIRE-TEST RESPONSE CHARACTERISTICS: WHERE METAL FRAMING IS PART OF A FIRE-RESISTANCE-RATED ASSEMBLY, PROVIDE FRAMING IDENTICAL TO THAT OF ASSEMBLIES TESTED FOR FIRE RESISTANCE PER ASTM E 119 BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
1. FIRE-RESISTANCE RATINGS: INDICATED BY GA FILE NUMBERS IN GA-600, "FIRE RESISTANCE DESIGN MANUAL," OR BY DESIGN DESIGNATIONS FROM UL'S "FIRE RESISTANCE DIRECTORY" OR FROM THE LISTINGS OF ANOTHER TESTING AGENCY.
1.4 DELIVERY, STORAGE, AND HANDLING
A. PROTECT COLD-FORMED METAL FRAMING FROM MOISTURE, SOILING, CORROSION, DEFORMATION (BENDING, DENTING, AND TWISTING), AND OTHER DAMAGE DURING DELIVERY, STORAGE, AND HANDLING. STORE COLD-FORMED METAL FRAMING, PROTECT WITH A WATERPROOF COVERING, AND VENTILATE TO AVOID CONDENSATION.
PART 2 - PRODUCTS
2.1 PERFORMANCE REQUIREMENTS
A. GENERAL: PROVIDE COLD-FORMED METAL FRAMING MEETING OR EXCEEDING THE FOLLOWING PERFORMANCE REQUIREMENTS:
1. STRUCTURAL PROPERTIES:
a. SEISMIC LOADS: AS REQUIRED BY ASCE 7.
b. DEFLECTION LIMITATIONS:
c. DEFLECTIONS: BASE CALCULATIONS FOR THE FOLLOWING DEFLECTIONS UPON THE COMBINATION OF MAXIMUM DIRECT WIND LOADS, BUILDING DEFLECTIONS, THERMAL STRESSES, AND ERECTION TOLERANCES.
d. DEAD LOADS:
1. LIMIT DEFLECTIONS OF METAL MEMBERS SPANNING DOOR OPENINGS TO 1/300. THE CLEARANCE BETWEEN THE MEMBER AND AN OPERABLE DOOR SHALL BE NO LESS THAN 1/16 INCH (1.5 MM).
2. BUILDING FRAME MOVEMENT: DESIGN, FABRICATE AND INSTALL COLD FORMED METAL FRAMING TO WITHSTAND BUILDING MOVEMENTS INCLUDING THERMAL MOVEMENTS, LOADING DEFLECTIONS, SHRINKAGE, CREEP AND SIMILAR MOVEMENTS. THERMAL MOVEMENTS SHALL BE AS SPECIFIED ABOVE. BUILDING FRAME DEFLECTIONS, SHRINKAGE, CREEP AND OTHER MOVEMENTS ARE AVAILABLE FROM THE STRUCTURAL ENGINEER.
2.2 STEEL SHEET: ASTM A 1003/A 1003M, STRUCTURAL GRADE, TYPE H, METALLIC COATED, OF GRADE AND COATING WEIGHT AS FOLLOWS:
1. GRADE: ST33H (ST230H).
2. COATING: G60 (Z180), A60 (Z180), A60 (A2150), OR G30 (Z2590).
B. STEEL SHEET FOR VERTICAL DEFLECTION CLIPS: ASTM A 653/A 653M, STRUCTURAL STEEL, ZINC COATED, OF GRADE AND COATING AS FOLLOWS:
1. GRADE: 33 (230).
2. COATING: G60 (Z180).
2.3 EXTERIOR WALL NON-LOAD-BEARING FRAMING MEMBERS
A. STEEL STUDS: MANUFACTURER'S STANDARD C-SHAPED STEEL STUDS, OF WEB DEPTHS INDICATED, PUNCHED, WITH STIFFENED FLANGES, COMPLYING WITH ASTM C 955, AND AS FOLLOWS:
1. MINIMUM UNCOATED-STEEL THICKNESS: MINIMUM 0.0338 INCH (1.3 MM) UNLESS GREATER THICKNESS IS REQUIRED TO SUIT PERFORMANCE CRITERIA.
2. FLANGE WIDTH: 1-5/8 INCH (41 MM).
B. STEEL TRACK: MANUFACTURER'S STANDARD U-SHAPED STEEL TRACK, OF WEB DEPTHS INDICATED, UNPUNCHED, WITH UNSTIFFENED (STRAIGHT) FLANGES, COMPLYING WITH ASTM C 955, AND AS FOLLOWS:
1. MINIMUM UNCOATED-STEEL THICKNESS: MATCHING STEEL STUDS.
2. FLANGE WIDTH: 1-1/4 INCH (32 MM).
C. SINGLE DEFLECTION TRACK: MANUFACTURER'S SINGLE, DEEP-LEG, U-SHAPED STEEL TRACK, UNPUNCHED, WITH UNSTIFFENED FLANGES, OF WEB DEPTH TO CONTAIN STUDS WHILE ALLOWING FREE VERTICAL MOVEMENT, WITH FLANGES DESIGNED TO SUPPORT HORIZONTAL AND LATERAL LOADS, AND AS FOLLOWS:
1. MINIMUM UNCOATED-STEEL THICKNESS: AS REQUIRED TO SUIT PERFORMANCE REQUIREMENTS.
2. FLANGE WIDTH: SIZE TO ACCOMMODATE DEFLECTION OF PRIMARY STRUCTURE. PRIMARY STRUCTURE DEFLECTIONS ARE AVAILABLE FROM THE STRUCTURAL ENGINEER.
D. VERTICAL DEFLECTION CLIPS: MANUFACTURER'S STANDARD BYPASS OR HEAD CLIPS, CAPABLE OF ACCOMMODATING UPWARD AND DOWNWARD VERTICAL DISPLACEMENT OF PRIMARY STRUCTURE. PRIMARY STRUCTURE DEFLECTIONS ARE AVAILABLE FROM THE STRUCTURAL ENGINEER.
PART 2 - PRODUCTS
2.4 FRAMING ACCESSORIES
A. FABRICATE STEEL-FRAMING ACCESSORIES FROM STEEL SHEET, ASTM A 1003/A 1003M, STRUCTURAL GRADE, TYPE H, METALLIC COATED, OF SAME GRADE AND COATING WEIGHT USED FOR FRAMING MEMBERS.
B. PROVIDE ACCESSORIES OF MANUFACTURER'S STANDARD THICKNESS AND CONFIGURATION, UNLESS OTHERWISE INDICATED.
2.5 ANCHORS, CLIPS, AND FASTENERS
A. STEEL SHAPES AND CLIPS: ASTM A 36/A 36M, ZINC COATED BY HOT-DIP PROCESS ACCORDING TO ASTM A 123.
B. EXPANSION ANCHORS: FABRICATED FROM CORROSION-RESISTANT MATERIALS, WITH ALLOWABLE LOAD OR STRENGTH DESIGN CAPACITIES CALCULATED ACCORDING TO ICC-ES AC109 AND ACI 308 GREATER THAN OR EQUAL TO THE DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 488 CONDUCTED BY A QUALIFIED TESTING AGENCY.
C. POWER-ACTUATED ANCHORS: FASTENER SYSTEM OF TYPE SUITABLE FOR APPLICATION INDICATED, FABRICATED FROM CORROSION-RESISTANT MATERIALS, WITH ALLOWABLE LOAD CAPACITIES CALCULATED ACCORDING TO ICC-ES AC70, GREATER THAN OR EQUAL TO THE DESIGN LOAD, AS DETERMINED BY TESTING PER ASTM E 1190 CONDUCTED BY A QUALIFIED TESTING AGENCY.
D. MECHANICAL FASTENERS: ASTM C 1513, CORROSION-RESISTANT-COATED, SELF-DRILLING, SELF-TAPPING, STEEL DRILL SCREWS.
E. HEAD TYPE: LOW-PROFILE HEAD BENEATH SHEATHING; MANUFACTURER'S STANDARD ELSEWHERE.
E. WELDING ELECTRODES: COMPLY WITH AWS STANDARDS.
2.6 MISCELLANEOUS MATERIALS
A. GALVANIZING REPAIR PAINT: HIGH ZINC DUST CONTENT PRIMER PAINT COMPLYING WITH SSPC-PAINT 20, DOD-P-21035, OR ASTM A 780.
PART 3 - EXECUTION
3.1 EXAMINATION
A. EXAMINE SUPPORTING SUBSTRATES AND ABUTTING STRUCTURAL FRAMING FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
SECTION 02 41 19 - SELECTIVE DEMOLITION
PART 1 - GENERAL
A. MATERIALS OWNERSHIP: UNLESS OTHERWISE INDICATED, DEMOLITION WASTE BECOMES PROPERTY OF CONTRACTOR. MATERIALS TO BE REUSED REMAIN THE PROPERTY OF THE OWNER.
B. OWNER WILL OCCUPY PORTIONS OF BUILDING IMMEDIATELY ADJACENT TO SELECTIVE DEMOLITION AREA. CONDUCT SELECTIVE DEMOLITION SO OWNER'S OPERATIONS WILL NOT BE DISRUPTED.
C. CONDITIONS EXISTING AT TIME OF INSPECTION FOR BIDDING PURPOSE WILL BE MAINTAINED BY OWNER AS FAR AS PRACTICAL.
D. NOTIFY ARCHITECT OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
E. IT IS NOT EXPECTED THAT HAZARDOUS MATERIALS WILL BE ENCOUNTERED IN THE WORK. IF SUSPECTED HAZARDOUS MATERIALS ARE ENCOUNTERED, DO NOT DISTURB; IMMEDIATELY NOTIFY ARCHITECT AND OWNER. HAZARDOUS MATERIALS WILL BE REMOVED BY OWNER UNDER A SEPARATE CONTRACT.
F. MAINTAIN FIRE-PROTECTION FACILITIES IN SERVICE DURING SELECTIVE DEMOLITION OPERATIONS.
PART 2 - PRODUCTS
A. REGULATORY REQUIREMENTS: COMPLY WITH GOVERNING EPA NOTIFICATION REGULATIONS BEFORE BEGINNING SELECTIVE DEMOLITION. COMPLY WITH HAULING AND DISPOSAL REGULATIONS OF AUTHORITIES HAVING JURISDICTION.
B. STANDARDS: COMPLY WITH ANSI/ASSE A10.8 AND NFPA 241.
PART 3 - EXECUTION
A. MAINTAIN EXISTING UTILITIES/SERVICES/SYSTEMS INDICATED TO REMAIN AND PROTECT THEM AGAINST DAMAGE.
B. LOCATE, IDENTIFY, DISCONNECT, AND SEAL OR CAP OFF INDICATED UTILITY SERVICES AND MECHANICAL/ELECTRICAL SYSTEMS SERVING AREAS TO BE SELECTIVELY DEMOLISHED.
1. OWNER WILL ARRANGE TO SHUT OFF INDICATED SERVICES/SYSTEMS WHEN REQUESTED BY CONTRACTOR. PROVIDE MINIMUM 48 HOURS NOTICE WHEN REQUESTING SHUT-OFF.
2. IF SERVICES/SYSTEMS ARE REQUIRED TO BE REMOVED, RELOCATED, OR ABANDONED, PROVIDE TEMPORARY SERVICES/SYSTEMS THAT BYPASS AREA OF SELECTIVE DEMOLITION AND THAT MAINTAIN CONTINUITY OF SERVICES/SYSTEMS TO OTHER PARTS OF BUILDING.
3. DISCONNECT, DEMOLISH, AND REMOVE FIRE-SUPPRESSION SYSTEMS, PLUMBING, AND HVAC SYSTEMS, EQUIPMENT, AND COMPONENTS INDICATED TO BE REMOVED.
C. DEMOLISH AND REMOVE EXISTING CONSTRUCTION ONLY TO THE EXTENT REQUIRED BY NEW CONSTRUCTION AND AS INDICATED. USE METHODS REQUIRED TO COMPLETE THE WORK WITHIN LIMITATIONS OF GOVERNING REGULATIONS AND AS FOLLOWS:
1. NEATLY CUT OPENINGS AND HOLES PLUMB, SQUARE, AND TRUE TO DIMENSIONS REQUIRED. USE CUTTING METHODS LEAST LIKELY TO DAMAGE CONSTRUCTION TO REMAIN OR ADJOINING CONSTRUCTION. USE HAND TOOLS OR SMALL POWER TOOLS DESIGNED FOR SAWING OR GRINDING, NOT HAMMERING AND CHIPPING, TO MINIMIZE DISTURBANCE OF ADJACENT SURFACES. TEMPORARILY COVER OPENINGS TO REMAIN.
2. CUT OR DRILL FROM THE EXPOSED OR FINISHED SIDE INTO CONCEALED SURFACES TO AVOID MARRING EXISTING FINISHED SURFACES.
3. DO NOT USE CUTTING TORCHES UNTIL WORK AREA IS CLEARED OF FLAMMABLE MATERIALS. AT CONCEALED SPACES, SUCH AS DUCT AND PIPE INTERIORS AND CONTENTS OF HIDDEN SPACE BEFORE STARTING FLAME-CUTTING OPERATIONS. MAINTAIN FIRE WATCH AND PORTABLE FIRE-SUPPRESSION DEVICES DURING FLAME-CUTTING OPERATIONS.
4. MAINTAIN ADEQUATE VENTILATION WHEN USING CUTTING TORCHES.
5. REMOVE DECAYED, VERMIN-INFESTED, OR OTHERWISE DANGEROUS OR UNSUITABLE MATERIALS AND PROMPTLY DISPOSE OF OFF-SITE.
6. LOCATE SELECTIVE DEMOLITION EQUIPMENT AND REMOVE DEBRIS AND MATERIALS SO AS NOT TO IMPOSE EXCESSIVE LOADS ON SUPPORTING WALLS, FLOORS, OR FRAMING.
7. WHEN CUTTING CONCRETE, MASONRY, WALLBOARD AND ANY OTHER DUST-PRODUCING MATERIALS, PROVIDE TEMPORARY BARRIERS TO PREVENT SPREAD OF DUST INTO THE REST OF THE BUILDING. PROVIDE FILTERS FOR MECHANICAL SYSTEMS AND AIR DUCTS.
8. DISPOSE OF DEMOLISHED ITEMS AND MATERIALS PROMPTLY.
D. PROTECT CONSTRUCTION INDICATED TO REMAIN AGAINST DAMAGE AND SOILING DURING SELECTIVE DEMOLITION. ITEMS MAY BE REMOVED TO A SUITABLE, PROTECTED STORAGE LOCATION DURING SELECTIVE DEMOLITION AND CLEANED AND REINSTALLED IN THEIR ORIGINAL LOCATIONS AFTER SELECTIVE DEMOLITION OPERATIONS ARE COMPLETE.
E. SELECTIVE DEMOLITION PROCEDURES FOR SPECIFIC MATERIALS AND PRODUCTS:
1. CONCRETE: DEMOLISH IN SECTIONS. CUT CONCRETE FULL DEPTH AT JUNCTURES WITH CONSTRUCTION TO REMAIN AND AT REGULAR INTERVALS USING POWER-DRIVEN SAW, THEN REMOVE CONCRETE BETWEEN SAW CUTS.
2. MASONRY: DEMOLISH IN SMALL SECTIONS. CUT MASONRY AT JUNCTURES WITH CONSTRUCTION TO REMAIN, USING POWER-DRIVEN SAW, THEN REMOVE MASONRY BETWEEN SAW CUTS.
3. CONCRETE SLABS-ON-GRADE: SAW-CUT PERIMETER OF AREA TO BE DEMOLISHED, THEN BREAK UP AND REMOVE.
4. RESILIENT FLOOR COVERING AND GLED-DOWN CARPETS: REMOVE FLOOR COVERINGS AND ADHESIVE ACCORDING TO RECOMMENDATIONS IN IRCTC'S "RECOMMENDED WORK PRACTICES FOR THE REMOVAL OF RESILIENT FLOOR COVERINGS." DO NOT USE METHODS REQUIRING SOLVENT-BASED ADHESIVE STRIPPERS.
5. BALLASTS: IF BALLAST IS NOT LABELED "NO PCBs," OR IF THE LABEL IS ILLEGIBLE, CONTACT A BALLAST RECYCLER FOR DISPOSAL.
6. MERCURY-CONTAINING DEVICES: MERCURY-CONTAINING DEVICES INCLUDE THERMOSTATS, SILENT SWITCHES, MECHANICAL SWITCHES AND RELAYS OR CONTACTS. DISPOSE OF THESE DEVICES WITH AN APPROPRIATE RECYCLER.
7. NICKEL-CADMIUM AND LEAD-ACID BATTERIES: EXIT SIGNS, EMERGENCY LIGHTING UNITS, ALARM SYSTEMS, SMOKE DETECTORS, AND CARBON-MONOXIDE DETECTORS MAY CONTAIN NICKEL-CADMIUM OR LEAD-ACID. ARRANGE WITH AN APPROPRIATE RECYCLER FOR DISPOSAL.
F. EXCEPT FOR ITEMS OR MATERIALS INDICATED TO BE REUSED, SALVAGED, REINSTALLED, OR OTHERWISE INDICATED TO REMAIN OWNER'S PROPERTY, REMOVE DEMOLISHED MATERIALS FROM PROJECT SITE AND LEGALLY DISPOSE OF THEM IN AN EPA-APPROVED LANDFILL. DO NOT ALLOW DEMOLISHED MATERIALS TO ACCUMULATE ON SITE. REMOVE AND TRANSPORT DEBRIS IN A MANNER THAT WILL PREVENT SPILLAGE ON ADJACENT SURFACES AND AREAS.
G. CLEAN ADJACENT STRUCTURES AND IMPROVEMENTS OF DUST, DIRT, AND DEBRIS CAUSED BY SELECTIVE DEMOLITION OPERATIONS. RETURN ADJACENT AREAS TO CONDITION EXISTING BEFORE SELECTIVE DEMOLITION OPERATIONS BEGAN.

END OF SECTION 02 41 19

METAL FABRICATIONS

SECTION 05 50 00 - METAL FABRICATIONS
PART 1 - GENERAL
A. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS INCLUDING PLANS, ELEVATIONS, SECTIONS, DETAILS OF INSTALLATION, AND ATTACHMENTS TO OTHER WORK. FOR INSTALLED PRODUCTS INDICATED TO COMPLY WITH PERFORMANCE REQUIREMENTS, INCLUDE STRUCTURAL ANALYSIS DATA, FOR INFORMATION ONLY, AND SHOP DRAWINGS SIGNED AND SEALED BY THE QUALIFIED PROFESSIONAL ENGINEER RESPONSIBLE FOR THEIR PREPARATION.
B. WELDING: QUALIFY PROCEDURES AND PERSONNEL ACCORDING TO AWS D1.1, "STRUCTURAL WELDING CODE-STEEL." CERTIFY THAT EACH WELDER HAS SATISFACTORILY PASSED AWS QUALIFICATION TESTS FOR WELDING PROCESSES INVOLVED AND, IF PERTINENT, HAS UNDERGONE RECERTIFICATION.
C. FIELD MEASUREMENTS: WHERE METAL FABRICATIONS ARE INDICATED TO FIT WALLS AND OTHER CONSTRUCTION, VERIFY DIMENSIONS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING THE WORK.
PART 2 - PRODUCTS
A. STRUCTURAL PERFORMANCE
1. COUNTERTOP FRAMING: PROVIDE COUNTERTOP FRAMING CAPABLE OF WITHSTANDING THE FOLLOWING STRUCTURAL LOADS WITHOUT EXCEEDING THE ALLOWABLE DESIGN WORKING STRESS OF THE MATERIALS INVOLVED, INCLUDING ANCHORS AND CONNECTIONS, OR OF EXHIBITING EXCESSIVE DEFLECTIONS IN ANY OF THE COMPONENTS MAKING UP THE COUNTERTOPS:
a. ALL DEADLOADS.
b. 500 POUND LINE LOAD PLACED ON THE COUNTERTOP.
c. DEFLECTION AT MIDSPAN: L/1700 TIMES SPAN OR 1/8-INCH WHICHEVER IS LESS.
2. OPENINGS IN WALLS: PROVIDE LINTEL FRAMING FOR OPENINGS IN WALLS CAPABLE OF SUPPORTING ALL DEADLOADS AND WITHSTANDING THE LIVE LOADS IMPOSED ON IT FROM THE OPERATION OF THE ATTACHED APURTENANCES.
3. SLIDING WOODWORK DOOR FRAMING: FABRICATE AND INSTALL FRAMING SO THAT, WHEN INSTALLED, IT IS CAPABLE OF SUPPORTING ALL DEADLOADS AND WITHSTANDING THE LIVE LOADS IMPOSED ON IT FROM THE OPERATION OF THE DOOR.
4. STOREFRONT FRAMING: FABRICATE AND INSTALL STOREFRONT FRAMING SO THAT WHEN INSTALLED, IT IS CAPABLE OF SUPPORTING ALL DEADLOADS AND WITHSTANDING THE LIVE LOADS IMPOSED ON IT FROM THE OPERATION OF THE ENTRANCE DOORS.
B. METAL SURFACES: FOR METAL FABRICATIONS EXPOSED TO VIEW IN THE COMPLETED WORK, PROVIDE MATERIALS WITH SMOOTH, FLAT SURFACES WITHOUT BLEMISHES. DO NOT USE MATERIALS WITH EXPOSED FITTING, SEAM MARKS, ROLLER MARKS, ROLLED TRADE NAMES, OR ROUGHNESS.
1. STEEL PLATES, SHAPES, AND BARS: ASTM A 36/A 36M.
2. STEEL TUBING: COLD-FORMED STEEL TUBING COMPLYING WITH ASTM A 500, OR HOT-FORMED STEEL TUBING COMPLYING WITH ASTM A 511.
3. SLOTTED CHANNEL FRAMING: COLD-FORMED METAL CHANNELS WITH CONTINUOUS SLOT AND WITH FLANGED EDGES RETURNED TOWARD WEB COMPLYING WITH MFMA-3 AND FABRICATED FROM STEEL COMPLYING WITH ASTM A 1008/A 1008M, WIDTH, DEPTH, AND METAL THICKNESS AS REQUIRED TO SUIT PERFORMANCE REQUIREMENTS.
4. WELDING RODS AND BARE ELECTRODES: SELECT ACCORDING TO AWS SPECIFICATIONS FOR METAL ALLOY WELDED.
C. SHOP PRIMER FOR FERROUS METAL: FAST-CURING, LEAD- AND CHROMATE-FREE, UNIVERSAL MODIFIED-ALKYD PRIMER COMPLYING WITH PERFORMANCE REQUIREMENTS IN FS TT-P-864 AND COMPATIBLE WITH FINISH PAINT SYSTEMS INDICATED.
D. FASTENERS: ZINC-PLATED FASTENERS WITH COATING COMPLYING WITH ASTM B 633 OR ASTM F 1941, CLASS FE/ZN 5, OF TYPE, GRADE, AND CLASS REQUIRED BY APPLICATION INDICATED.
E. SHOP ASSEMBLY: PREASSEMBLE ITEMS IN SHOP TO GREATEST EXTENT POSSIBLE TO MINIMIZE FIELD SPlicing AND ASSEMBLY. DISASSEMBLE UNITS ONLY AS NECESSARY FOR SHIPPING AND HANDLING LIMITATIONS. USE CONNECTIONS THAT MAINTAIN STRUCTURAL VALUE OF JOINED PIECES. CLEARLY MARK UNITS FOR REASSEMBLY AND COORDINATED INSTALLATION. WELDED CONNECTIONS MAY BE USED WHERE BOLTED CONNECTIONS ARE SHOWN.
1. SHEAR AND PUNCH METALS CLEANLY AND ACCURATELY. REMOVE BURRS.
2. WELD CORNERS AND SEAMS CONTINUOUSLY ALONG ENTIRE LINE OF CONTACT. USE FULL PENETRATION WELDS. USE MATERIALS AND METHODS THAT MINIMIZE DISTORTION AND DEVELOP STRENGTH OF BASE METALS. OBTAIN FUSION WITHOUT UNDERCUT OR OVERLAP. REMOVE WELDING FLUX IMMEDIATELY. FINISH EXPOSED WELDS SMOOTH AND BLENDED.
3. FORM EXPOSED CONNECTIONS WITH HAIRLINE JOINTS, FLUSH AND SMOOTH, USING CONCEALED FASTENERS WHERE POSSIBLE. USE EXPOSED FASTENERS OF TYPE INDICATED OR, IF NOT INDICATED, PHILLIPS FLAT-HEAD (COUNTERSUNK) SCREWS OR BOLTS. LOCATE JOINTS WHERE LEAST CONSPICUOUS. MAKE UP THREADED CONNECTIONS TIGHT SO THAT THREADS ARE ENTIRELY CONCEALED.
4. PROVIDE FOR ANCHORAGE OF TYPE INDICATED; COORDINATE WITH SUPPORTING STRUCTURE. FABRICATE AND SPACE ANCHORING DEVICES AND FASTENERS TO SECURE METAL FABRICATIONS RIGIDLY IN PLACE AND TO SUPPORT INDICATED LOADS.
5. CUT, REINFORCE, DRILL, AND TAP METAL FABRICATIONS AS INDICATED TO RECEIVE FINISH HARDWARE, SCREWS, AND SIMILAR ITEMS.
F. MISCELLANEOUS FRAMING AND SUPPORTS: PROVIDE STEEL FRAMING AND SUPPORTS INDICATED AND AS NECESSARY TO COMPLETE THE WORK AND WHICH ARE NOT A PART OF THE STRUCTURAL FRAMEWORK, INCLUDING BUT NOT LIMITED TO FRAMING AND SUPPORTS FOR SLIDING DOORS, COUNTERTOP, PROJECTION SCREENS, CEILING-HUNG AUDIOVISUAL EQUIPMENT, TUBE FRAMING FOR PARTIAL HEIGHT WALLS, AND MECHANICAL AND ELECTRICAL EQUIPMENT.
1. FABRICATE UNITS FROM STRUCTURAL STEEL SHAPES, PLATES, AND BARS OF WELDED CONSTRUCTION, UNLESS OTHERWISE INDICATED. FABRICATE TO SIZES, SHAPES, AND PROFILES INDICATED AND AS NECESSARY TO RECEIVE ADJACENT CONSTRUCTION RETAINED BY FRAMING AND SUPPORTS. CUT, DRILL, AND TAP UNITS TO RECEIVE HARDWARE, HANGERS, AND SIMILAR ITEMS.
2. SLIDING WOODWORK DOORS: FABRICATE SUPPORTS BY PROVIDING CONTINUOUS STEEL SHAPES WITH ATTACHED BEARING PLATES, ANCHORS, AND BRACES AS REQUIRED TO SUSTAIN IMPOSED LOADS. DRILL BOTTOM FLANGES OF BEAMS TO RECEIVE TRACK HANGER RODS; LOCATE HOLES WHERE INDICATED ON SLIDING WOODWORK DOOR SHOP DRAWINGS.
3. ALL-GLASS ENTRANCES AND STOREFRONT FRAMING: FABRICATE AND INSTALL ALL-GLASS ENTRANCES AND STOREFRONT FRAMING SO THAT, WHEN INSTALLED, IT IS CAPABLE OF SUPPORTING ALL DEADLOADS AND WITHSTANDING THE LIVE LOADS IMPOSED ON IT FROM THE OPERATION OF THE ALL-GLASS ENTRANCE DOORS.
4. COUNTERTOP FRAMING: FABRICATE FRAMING, USING STEEL SHAPES AND PLATES, AND COLD FINISHED MILD STEEL BARS AT EXPOSED CONDITIONS, FOR SUPPORT FRAMING AND PLYWOOD, TO THE THICKNESSES, SIZES AND SHAPES SHOWN, AND AS REQUIRED TO PRODUCE WORK OF ADEQUATE STRENGTH AND DURABILITY, WITHOUT OBJECTIONABLE DEFLECTIONS. USE PROVEN DETAILS OF FABRICATION, AS REQUIRED, TO ACHIEVE PROPER ASSEMBLY AND ALIGNMENT OF THE VARIOUS COMPONENTS OF THE WORK.
G. FINISH METAL FABRICATIONS AFTER ASSEMBLY. COMPLY WITH NAAMMS "METAL FINISHES MANUAL FOR ARCHITECTURAL AND METAL PRODUCTS" FOR RECOMMENDATIONS FOR APPLYING AND DESIGNATING FINISHES. SHOP PRIME FERROUS-METAL ITEMS.
1. PREPARE UNCOATED FERROUS-METAL SURFACES FOR SHOP PRIMING BY REMOVING OIL, GREASE, AND SIMILAR CONTAMINANTS IN ACCORDANCE WITH SSPC-SP 1 "SOLVENT CLEANING," FOLLOWED WITH SSPC-SP 3, "POWER TOOL CLEANING."
2. APPLY A MINIMUM OF ONE COAT OF SHOP PRIMER TO UNCOATED SURFACES OF METAL FABRICATIONS, EXCEPT THOSE TO BE FIELD WELDED, AND THOSE TO BE EMBEDDED IN SPRAYED-ON FIREPROOFING, OR MASONRY, UNLESS OTHERWISE INDICATED. COMPLY WITH SSPC-PA 1, "PAINT APPLICATION SPECIFICATION NO. 1," FOR SHOP PAINTING.
PART 3 - EXECUTION
A. PROVIDE ANCHORAGE DEVICES AND FASTENERS FOR SECURING METAL FABRICATIONS TO IN-PLACE CONSTRUCTION. PERFORM CUTTING, DRILLING, AND FITTING REQUIRED FOR INSTALLING METAL FABRICATIONS. SET METAL FABRICATIONS ACCURATELY IN LOCATION, WITH EDGES AND SURFACES LEVEL, PLUMB, AND TRUE. DRILL HOLES FOR BOLTS TO THE EXACT DIAMETER OF THE BOLT. PROVIDE SCREWS THREADED FULL LENGTH TO THE SCREW HEAD.
B. FIT EXPOSED CONNECTIONS ACCURATELY TOGETHER TO FORM HAIRLINE JOINTS. WELD CONNECTIONS THAT ARE NOT TO BE LEFT AS EXPOSED JOINTS BUT CANNOT BE SHOP WELDED BECAUSE OF SHIPPING SIZE LIMITATIONS.
C. FOR FIELD WELDING, USE MATERIALS AND METHODS THAT MINIMIZE DISTORTION AND DEVELOP STRENGTH OF BASE METALS. OBTAIN FUSION WITHOUT UNDERCUT OR OVERLAP. REMOVE WELDING FLUX IMMEDIATELY. AT EXPOSED CONNECTIONS, FINISH EXPOSED WELDS AND SURFACES SMOOTH AND BLENDED SO NO ROUGHNESS SHOWS AFTER FINISHING AND CONTOUR OF WELDED SURFACE MATCHES THAT OF ADJACENT SURFACE.
D. TOUCHUP SURFACES AND FINISHES AFTER ERECTION. FOR MATERIALS EXPOSED TO VIEW IN THE FINISHED PROJECT, CLEAN FIELD WELDS, BOLTED CONNECTIONS, AND ABRADED AREAS AND TOUCHUP PAINT WITH THE SAME MATERIAL AS USED FOR SHOP PAINTING.
END OF SECTION 05 50 00

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	
TIFFANY & CO.	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
SHEET NUMBER:	
SPECIFICATIONS	A 10.03

DECORATIVE METAL

SECTION 05 70 00 - DECORATIVE METAL

PART 1 - GENERAL

1.1 COORDINATION

A. COORDINATE INSTALLATION OF ANCHORAGES FOR DECORATIVE METAL ITEMS, FURNISH SETTING DRAWINGS, TEMPLATES, AND DIRECTIONS FOR INSTALLING ANCHORAGES, INCLUDING SLEEVES, CONCRETE INSERTS, ANCHOR BOLTS, AND ITEMS WITH INTEGRAL ANCHORS, THAT ARE TO BE EMBEDDED IN CONCRETE OR MASONRY. DELIVER SUCH ITEMS TO PROJECT SITE IN TIME FOR INSTALLATION.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT INDICATED, INCLUDING FINISHING MATERIALS.

B. SHOP DRAWINGS: SHOW FABRICATION AND INSTALLATION DETAILS FOR DECORATIVE METAL.

1. INCLUDE PLANS, ELEVATIONS, COMPONENT DETAILS, AND ATTACHMENTS TO OTHER WORK.

2. INDICATE MATERIALS AND PROFILES OF EACH DECORATIVE METAL MEMBER, FITTINGS, JOINERY, FINISHES, FASTENERS, ANCHORAGES, AND ACCESSORY ITEMS.

C. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF EXPOSED FINISH REQUIRED.

1. SECTIONS OF LINEAR SHAPES.

2. SAMPLES OF WELDED JOINTS SHOWING QUALITY OF WORKMANSHIP AND COLOR MATCHING OF MATERIALS.

D. QUALIFICATION DATA: FOR QUALIFIED FABRICATOR AND FINISHER.

1. WELDING CERTIFICATES.

1.3 QUALITY ASSURANCE

A. FABRICATOR/INSTALLER QUALIFICATIONS: A FIRM EXPERIENCED IN PRODUCING DECORATIVE METAL SIMILAR TO THAT INDICATED FOR THIS PROJECT AND WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE, AS WELL AS SUFFICIENT PRODUCTION CAPACITY TO PRODUCE REQUIRED UNITS.

B. ANODIC FINISHER QUALIFICATIONS: A FIRM EXPERIENCED IN SUCCESSFULLY APPLYING ANODIC FINISHES OF TYPE INDICATED AND EMPLOYING COMPETENT CONTROL PERSONNEL TO CONDUCT CONTINUING, EFFECTIVE QUALITY-CONTROL PROGRAM TO ENSURE COMPLIANCE WITH REQUIREMENTS.

C. WELDING QUALIFICATIONS: QUALIFY PROCEDURES AND PERSONNEL ACCORDING TO THE FOLLOWING:

1. AWS D1.2/D1.2M, "STRUCTURAL WELDING CODE - ALUMINUM."

2. AWS D1.6, "STRUCTURAL WELDING CODE - STAINLESS STEEL."

D. PREINSTALLATION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE.

1.4 DELIVERY, STORAGE, AND HANDLING

A. STORE DECORATIVE METAL IN A WELL-VENTILATED AREA, AWAY FROM UNCURED CONCRETE AND MASONRY, AND PROTECTED FROM WEATHER, MOISTURE, SOILING, ABRASION, EXTREME TEMPERATURES, AND HUMIDITY.

B. DELIVER AND STORE CAST-METAL PRODUCTS IN WOODEN CRATES SURROUNDED BY SUFFICIENT PACKING MATERIAL TO ENSURE THAT PRODUCTS WILL NOT BE CRACKED OR OTHERWISE DAMAGED.

1.5 FIELD CONDITIONS

A. FIELD MEASUREMENTS: VERIFY ACTUAL LOCATIONS OF WALLS AND OTHER CONSTRUCTION CONTIGUOUS WITH DECORATIVE METAL BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.

PART 2 - PRODUCTS

2.1 METALS, GENERAL

A. METAL SURFACES, GENERAL: PROVIDE MATERIALS WITH SMOOTH, FLAT SURFACES UNLESS OTHERWISE INDICATED. PROVIDE MATERIALS WITHOUT SEAM MARKS, ROLLER MARKS, ROLLED TRADE NAMES, STAINS, DISCOLORATIONS, OR BLEMISHES.

2.2 ALUMINUM

A. ALUMINUM, GENERAL: PROVIDE ALLOY AND TEMPER RECOMMENDED BY ALUMINUM PRODUCER AND FINISHER FOR TYPE OF USE AND FINISH INDICATED, AND WITH STRENGTH AND DURABILITY PROPERTIES FOR EACH ALUMINUM FORM REQUIRED NOT LESS THAN THAT OF ALLOY AND TEMPER DESIGNATED BELOW.

B. EXTRUDED BARS AND SHAPES: ASTM B 221 (ASTM B 221M), ALLOY 6063-T5/T52.

C. DISSIMILAR METALS: TYPE 304 STAINLESS-STEEL FASTENERS.

D. PLATE AND SHEET: ASTM B 209 (ASTM B 209M), ALLOY 5005-H32SMOOTH, HIGH-QUALITY FINISH AND IS A PREFERRED CHOICE FOR ANODIZING.

2.3 STAINLESS STEEL

A. TUBING: ASTM A 554, GRADE MT 304.

B. PIPE: ASTM A 312/A 312M, GRADE TP 304.

C. SHEET, STRIP, PLATE, AND FLAT BAR: ASTM A 666, TYPE 304.

D. BARS AND SHAPES: ASTM A 276, TYPE 304.

2.4 FASTENERS

A. FASTENER MATERIALS: UNLESS OTHERWISE INDICATED, PROVIDE THE FOLLOWING:

1. ALUMINUM ITEMS: TYPE 304 STAINLESS-STEEL FASTENERS.

2. STAINLESS-STEEL ITEMS: TYPE 304 STAINLESS-STEEL FASTENERS.

B. DISSIMILAR METALS: TYPE 304 STAINLESS-STEEL FASTENERS.

C. FASTENERS FOR ANCHORING TO OTHER CONSTRUCTION: UNLESS OTHERWISE INDICATED, SELECT FASTENERS OF TYPE, GRADE, AND CLASS REQUIRED TO PRODUCE CONNECTIONS SUITABLE FOR ANCHORING INDICATED ITEMS TO OTHER TYPES OF CONSTRUCTION INDICATED.

D. PROVIDE CONCEALED FASTENERS FOR INTERCONNECTING COMPONENTS AND FOR ATTACHING DECORATIVE METAL ITEMS TO OTHER WORK UNLESS OTHERWISE INDICATED.

E. ANCHORS, GENERAL: ANCHORS CAPABLE OF SUSTAINING, WITHOUT FAILURE, A LOAD EQUAL TO SIX TIMES THE LOAD IMPOSED WHEN INSTALLED IN UNIT MASONRY AND FOUR TIMES THE LOAD IMPOSED WHEN INSTALLED IN CONCRETE, AS DETERMINED BY TESTING ACCORDING TO ASTM E 488, CONDUCTED BY A QUALIFIED INDEPENDENT TESTING AGENCY.

F. POST-INSTALLED ANCHORS: TORQUE-CONTROLLED EXPANSION TYPE OR CHEMICAL TYPE.

1. MATERIAL FOR INTERLOCKED CONNECTIONS: CARBON-STEEL COMPONENTS ZINC PLATED TO COMPLY WITH ASTM B 633 OR ASTM F 1941 (ASTM F 1941M), CLASS FE2N 5 UNLESS OTHERWISE INDICATED.

2. MATERIAL FOR LOCATIONS WHERE STAINLESS STEEL IS INDICATED: ALLOY GROUP 1 (A1) STAINLESS-STEEL BOLTS, ASTM F 593 (ASTM F 738M), AND NUTS, ASTM F 594 (ASTM F 838M).

2.5 MISCELLANEOUS MATERIALS

A. WELDING RODS AND BARE ELECTRODES: SELECT ACCORDING TO AWS SPECIFICATIONS FOR METAL ALLOY WELDED.

1. FOR ALUMINUM, PROVIDE TYPE AND ALLOY AS RECOMMENDED BY PRODUCER OF METAL TO BE WELDED AND AS REQUIRED FOR COLOR MATCH, STRENGTH, AND COMPATIBILITY IN FABRICATED ITEMS.

B. BITUMINOUS PAINT: COLD-APPLIED ASPHALT EMULSION COMPLYING WITH ASTM D 1187.

2.6 FABRICATION, GENERAL

A. ASSEMBLE ITEMS IN THE SHOP TO GREATEST EXTENT POSSIBLE TO MINIMIZE FIELD SPLICING AND ASSEMBLY. DISASSEMBLE UNITS ONLY AS NECESSARY FOR SHIPPING AND HANDLING LIMITATIONS. CLEARLY MARK UNITS FOR REASSEMBLY AND COORDINATED INSTALLATION. USE CONNECTIONS THAT MAINTAIN STRUCTURAL VALUE OF JOINED PIECES.

B. MAKE UP WIRE-ROPE ASSEMBLIES IN THE SHOP TO FIELD-MEASURED DIMENSIONS WITH FITTINGS MACHINE SWAGED. MINIMIZE AMOUNT OF TURNBUCKLE TAKE-UP USED FOR DIMENSIONAL ADJUSTMENT SO MAXIMUM AMOUNT IS AVAILABLE FOR TENSIONING WIRE ROPES.

C. TAG WIRE-ROPE ASSEMBLIES AND FITTINGS TO IDENTIFY INSTALLATION LOCATIONS AND ORIENTATIONS FOR COORDINATED INSTALLATION.

D. FORM DECORATIVE METAL TO REQUIRED SHAPES AND SIZES, TRUE TO LINE AND LEVEL WITH TRUE CURVES AND ACCURATE ANGLES AND SURFACES. FINISH EXPOSED SURFACES TO SMOOTH, SHARP, WELL-DEFINED LINES AND ARRIS.

E. FORM BENT-METAL CORNERS TO SMALLEST RADII POSSIBLE WITHOUT CAUSING GRAIN SEPARATION OR OTHERWISE IMPAIRING THE WORK.

F. FORM SIMPLE AND COMPOUND CURVES IN BARS, PIPE, TUBING, AND EXTRUDED SHAPES BY BENDING MEMBERS IN JIGS TO PRODUCE UNIFORM CURVATURE FOR EACH CONFIGURATION REQUIRED; MAINTAIN CROSS SECTION OF MEMBER THROUGHOUT ENTIRE BEND WITHOUT BUCKLING, TWISTING, CRACKING, OR OTHERWISE DEFORMING EXPOSED SURFACES.

G. CUT, DRILL, AND PUNCH METAL TO REQUIRED SHAPES AND SIZES, TRUE TO LINE AND LEVEL WITH TRUE CURVES AND ACCURATE ANGLES AND SURFACES. FINISH EXPOSED SURFACES TO SMOOTH, SHARP, WELL-DEFINED LINES AND ARRIS.

H. MILL JOINTS TO A TIGHT, HAIRLINE FIT. COPE OR MITER CORNER JOINTS. FABRICATE CONNECTIONS THAT WILL BE EXPOSED TO WEATHER IN A MANNER TO EXCLUDE WATER.

I. PROVIDE NECESSARY REBATES, LUGS, AND BRACKETS TO ASSEMBLE UNITS AND TO ATTACH TO OTHER WORK. CUT, REINFORCE, DRILL, AND TAP AS NEEDED TO RECEIVE FINISH HARDWARE, SCREWS, AND SIMILAR ITEMS UNLESS OTHERWISE INDICATED.

J. COMPLY WITH AWS FOR RECOMMENDED PRACTICES IN SHOP WELDING. WELD BEHIND FINISHED SURFACES WITHOUT DISTORTING OR DISCOLORING EXPOSED SIDE. CLEAN EXPOSED WELDED JOINTS OF FLUX, AND DRESS EXPOSED AND CONTACT SURFACES.

1. WHERE WELDING CANNOT BE CONCEALED BEHIND FINISHED SURFACES, FINISH JOINTS TO COMPLY WITH NOMINAL "JOINT FINISH STANDARDS" FOR TYPE 1 WELDS. NO EVIDENCE OF A WELDED JOINT.

2.7 DECORATIVE METAL TRIM

A. FABRICATE FROM ALUMINUM OR STAINLESS-STEEL SHAPES, SHEET OR PLATE OF THICKNESS, SIZE, AND PATTERN INDICATED. ROLL, PRESS, AND GRIND METAL TO FLATTEN AND TO REMOVE BURRS AND DEFORMATIONS. MITER CORNERS AND CONNECT WITH CONCEALED SPLICE PLATES.

2.8 FINISHES, GENERAL

A. DECORATIVE METAL FINISHES ARE DESIGNATED WITH ITEM CODE MT# IN THE FINISH SCHEDULE AND ON THE DRAWINGS.

B. COMPLY WITH NAAMM'S "METAL FINISHES MANUAL FOR ARCHITECTURAL AND METAL PRODUCTS" FOR RECOMMENDATIONS FOR APPLYING AND DESIGNATING FINISHES.

C. PROTECT MECHANICAL FINISHES ON EXPOSED SURFACES FROM DAMAGE BY APPLYING A STRIPPABLE, TEMPORARY PROTECTIVE COVERING BEFORE SHIPPING.

2.9 ALUMINUM FINISHES

A. FINISH DESIGNATIONS PREFIXED BY AA COMPLY WITH THE SYSTEM ESTABLISHED BY THE ALUMINUM ASSOCIATION FOR DESIGNATING ALUMINUM FINISHES.

B. CLEAR ANODIC FINISH: AA-M11, AA-M12/2C231, CLASS II, 0.010 MM OR THICKER.

2.10 STAINLESS-STEEL FINISHES

A. SURFACE PREPARATION: REMOVE TOOL AND DIE MARKS AND STRETCH LINES, OR BLEND INTO FINISH.

B. POLISHED FINISHES: GRIND AND POLISH SURFACES TO PRODUCE UNIFORM FINISH, FREE OF CROSS SCRATCHES.

1. RUN GRAIN OF DIRECTIONAL FINISHES WITH LONG DIMENSION OF EACH PIECE.

C. DULL SATIN FINISH: NO. 6.

D. REFLECTIVE, DIRECTIONAL POLISH: NO. 7.

E. WHEN POLISHING IS COMPLETED, PASSIVATE AND RINSE SURFACES. REMOVE EMBEDDED FOREIGN MATTER AND LEAVE SURFACES CHEMICALLY CLEAN.

PART 3 - EXECUTION

3.1 INSTALLATION, GENERAL

A. PROVIDE ANCHORAGE DEVICES AND FASTENERS WHERE NEEDED TO SECURE DECORATIVE METAL TO IN-PLACE CONSTRUCTION.

B. PERFORM CUTTING, DRILLING, AND FITTING REQUIRED TO INSTALL DECORATIVE METAL. SET PRODUCTS ACCURATELY IN LOCATION, ALIGNMENT, AND ELEVATION, MEASURED FROM ESTABLISHED LINES AND LEVELS. PROVIDE TEMPORARY BRACING OR ANCHORS IN FORMWORK FOR ITEMS TO BE BUILT INTO CONCRETE, MASONRY, OR SIMILAR CONSTRUCTION.

C. FIT EXPOSED CONNECTIONS ACCURATELY TOGETHER TO FORM TIGHT, HAIRLINE JOINTS OR, WHERE INDICATED, UNIFORM REVEALS AND SPACES FOR SEALANTS AND JOINT FILLERS. WHERE CUTTING, WELDING, AND GRINDING ARE REQUIRED FOR PROPER SHOP FITTING AND JOINTING OF DECORATIVE METAL, RESTORE FINISHES TO ELIMINATE EVIDENCE OF SUCH CORRECTIVE WORK.

D. DO NOT CUT OR ABRASE FINISHES THAT CANNOT BE COMPLETELY RESTORED IN THE FIELD. RETURN ITEMS WITH SUCH FINISHES TO THE SHOP FOR REQUIRED ALTERATIONS, FOLLOWED BY COMPLETE REFINISHING, OR PROVIDE NEW UNITS AS REQUIRED.

E. INSTALL CONCEALED GASKETS, JOINT FILLERS, INSULATION, AND FLASHINGS AS WORK PROGRESSES.

F. RESTORE PROTECTIVE COVERINGS THAT HAVE BEEN DAMAGED DURING SHIPMENT OR INSTALLATION. REMOVE PROTECTIVE COVERINGS ONLY WHEN THERE IS NO POSSIBILITY OF DAMAGE FROM OTHER WORK YET TO BE PERFORMED AT SAME LOCATION.

1. RETAIN PROTECTIVE COVERINGS INTACT; REMOVE COVERINGS SIMULTANEOUSLY FROM SIMILARLY FINISHED ITEMS TO PRECLUDE NONUNIFORM OXIDATION AND DISCOLORATION.

G. FIELD WELDING: COMPLY WITH APPLICABLE AWS SPECIFICATION FOR PROCEDURES OF MANUAL, SHIELDED METAL ARC WELDING AND REQUIREMENTS FOR WELDING AND FOR FINISHING WELDED CONNECTIONS IN "FABRICATION, GENERAL" ARTICLE. WELD CONNECTIONS THAT ARE NOT TO BE LEFT AS EXPOSED JOINTS BUT CANNOT BE SHOP WELDED BECAUSE OF SHIPPING SIZE LIMITATIONS.

H. CORROSION PROTECTION: COAT CONCEALED SURFACES OF ALUMINUM THAT WILL BE IN CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DISSIMILAR METALS, WITH A HEAVY COAT OF BITUMINOUS PAINT.

3.2 INSTALLING DECORATIVE METAL TRIM

A. ASSEMBLE TRIM AND COMPLETE FABRICATION AT PROJECT SITE TO THE EXTENT THAT IT WAS NOT COMPLETED IN THE SHOP.

B. INSTALL TRIM LEVEL, PLUMB, TRUE, AND STRAIGHT. SHIM AS REQUIRED WITH CONCEALED SHIMS. INSTALL LEVEL AND PLUMB TO A TOLERANCE OF 1/8 INCH IN 96 INCHES (3 MM IN 2400 MM).

C. SCRIBE AND CUT TRIM TO FIT ADJOINING WORK, REFINISH CUT SURFACES, AND REPAIR DAMAGED FINISH AT CUTS.

D. ANCHOR TRIM TO ANCHORS OR BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE WITH COUNTERSUNK, CONCEALED FASTENERS. USE FINE FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH TRIM USING FILLER MATCHING FINISH OF ITEMS BEING INSTALLED.

E. INSTALL WITH MINIMUM NUMBER OF JOINTS POSSIBLE, USING FULL-LENGTH PIECES (FROM MAXIMUM LENGTH OF MATERIAL AVAILABLE) TO GREATEST EXTENT POSSIBLE. DO NOT USE PIECES LESS THAN 96 INCHES (2400 MM) LONG EXCEPT WHERE SHORTER SINGLE-LENGTH PIECES ARE NECESSARY.

3.3 INSTALLING METAL REVEALS AT WOOD PANELING

A. INSTALL METAL REVEALS BETWEEN WOOD PANELS AS PANELING IS INSTALLED. SECURE TO WOOD GROUNDS WITH SPECIFIED SCREWS.

3.4 CLEANING AND PROTECTION

A. UNLESS OTHERWISE INDICATED, CLEAN METALS BY WASHING THOROUGHLY WITH CLEAN WATER AND SOAP, RINSING WITH CLEAN WATER, AND DRYING WITH SOFT CLOTHS.

B. PROTECT FINISHES OF DECORATIVE METAL FROM DAMAGE DURING CONSTRUCTION PERIOD WITH TEMPORARY PROTECTIVE COVERINGS APPROVED BY DECORATIVE METAL FABRICATOR. REMOVE PROTECTIVE COVERING AT TIME OF SUBSTANTIAL COMPLETION.

C. RESTORE FINISHES DAMAGED DURING INSTALLATION AND CONSTRUCTION PERIOD SO NO EVIDENCE REMAINS OF CORRECTION WORK. RETURN ITEMS THAT CANNOT BE REFINISHED IN THE FIELD TO THE SHOP; MAKE REQUIRED ALTERATIONS AND REFINISH ENTIRE UNIT, OR PROVIDE NEW UNITS.

END OF SECTION 05 70 00

MISC. ROUGH CARPENTRY

SECTION 06 10 53 - MISCELLANEOUS ROUGH CARPENTRY

PART 1 - GENERAL

A. PROVIDE MISCELLANEOUS LUMBER FOR SUPPORT OR ATTACHMENT OF OTHER CONSTRUCTION, INCLUDING BLOCKING, NAILERS, AND SIMILAR MEMBERS.

B. PROVIDE PLYWOOD PANELS FOR COUNTERTOP UNDERLAYMENT AND BACKING PANELS.

PART 2 - PRODUCTS

A. LUMBER: COMPLY WITH DOC PS 20 AND APPLICABLE RULES OF LUMBER GRADING AGENCIES CERTIFIED BY THE AMERICAN LUMBER STANDARDS COMMITTEE BOARD OF REVIEW. PROVIDE DRESSED LUMBER, S4S, UNLESS OTHERWISE INDICATED. PROVIDE DRY LUMBER WITH 19 PERCENT MAXIMUM MOISTURE CONTENT AT TIME OF DRESSING FOR 2-INCH NOMINAL THICKNESS OR LESS.

B. WOOD PANELS: COMPLY WITH DOC PS 1 FOR PLYWOOD PANELS.

1. CONCEALED PLYWOOD FOR COUNTERTOP UNDERLAYMENT: DOC PS 1 "CONSTRUCTION AND INDUSTRIAL PLYWOOD," EXTERIOR GRADE, MANUFACTURED WITH NO ADDED UREA-FORMALDEHYDE, IN THICKNESS AS INDICATED BUT NOT LESS THAN 3/4 INCH.

2. TELEPHONE, DATA, SECURITY, MIRROR, AND ELECTRICAL EQUIPMENT BACKING PANELS: DOC PS 1, EXPOSURE 1, C/D PLUGGED, SANDED BOTH SIDES, FIRE-RETARDANT TREATED, MANUFACTURED WITH NO ADDED UREA-FORMALDEHYDE, IN THICKNESS INDICATED OR, IF NOT INDICATED, NOT LESS THAN 1/2 INCH THICK.

C. FIRE-RETARDANT-TREATED MATERIALS: PROVIDE CHEMICAL FIRE RETARDANT PROCESS TESTED AND LABELED BY UL WITH FLAME SPREAD AND SMOKE DEVELOPED RATINGS OF 25 OR LESS. COMPLY WITH PERFORMANCE REQUIREMENTS IN AWWA U1. USE CATEGORY UCLFA AS A MINIMUM FOR PRESSURE TREATMENT. SIZE WOOD BEFORE TREATMENT SO THAT MINIMUM CUTTING WILL BE REQUIRED AFTER TREATMENT. KILN DRY LUMBER TO A MAXIMUM 19 PERCENT MOISTURE CONTENT. KILN DRY PLYWOOD TO A MAXIMUM 15 PERCENT MOISTURE CONTENT. AFTER TREATMENT, TREAT INDICATED ITEMS AND WOOD MEMBERS REQUIRED TO BE TREATED BY BUILDING CODE HAVING JURISDICTION AT THE SITE AND WOOD MEMBERS SPECIFIED AS FIRE-RETARDANT-TREATED. IDENTIFY FIRE-RETARDANT-TREATED WOOD WITH APPROPRIATE CLASSIFICATION MARKING OF UL.

D. FASTENERS: PROVIDE FASTENERS OF SIZE AND TYPE REQUIRED TO SUPPORT MISCELLANEOUS WOOD CARPENTRY AND APPLIED LOADS.

PART 3 - EXECUTION

A. SET CARPENTRY TO REQUIRED LEVELS AND LINES, WITH MEMBERS PLUMB, TRUE TO LINE, CUT, AND FITTED. FIT CARPENTRY TO OTHER CONSTRUCTION; SCRIBE AND COPE AS NEEDED FOR ACCURATE FIT. LOCATE NAILERS, BLOCKING, AND SIMILAR SUPPORTS TO COMPLY WITH REQUIREMENTS FOR ATTACHING OTHER CONSTRUCTION.

B. SECURELY ATTACH CARPENTRY WORK AS INDICATED AND ACCORDING TO APPLICABLE CODES AND RECOGNIZED STANDARDS.

C. USE FASTENERS OF APPROPRIATE TYPE AND LENGTH. PREDRILL MEMBERS WHEN NECESSARY TO AVOID SPLITTING WOOD.

D. INSTALL WOOD BLOCKING AND NAILERS WHERE INDICATED AND WHERE REQUIRED FOR ATTACHING OTHER WORK. FORM TO SHAPES INDICATED AND CUT AS REQUIRED FOR TRUE LINE AND LEVEL OF ATTACHED WORK. COORDINATE MATERIALS WITH OTHER WORK INVOLVED. ATTACH ITEMS TO SUBSTRATES TO SUPPORT APPLIED LOADING. RECESS BOLTS AND NUTS FLUSH WITH SURFACES, UNLESS OTHERWISE INDICATED.

E. INSTALL PANEL PRODUCTS TO COMPLY WITH APPLICABLE RECOMMENDATIONS CONTAINED IN APA FORM NO. E30, "APA ENGINEERED WOOD/CONSTRUCTION GUIDE," AND LOCAL UTILITY REQUIREMENTS, IF ANY, FOR PLYWOOD BACKING PANELS UTILIZED AS INDICATED. BOLT COUNTERTOP UNDERLAYMENT TO MISCELLANEOUS STEEL FRAMING. SECURE PLYWOOD BACKING PANELS TO WALL USING PROPER FASTENING DEVICES FOR SUBSTRATES ENCOUNTERED SPACED 12 INCHES ON CENTER MAXIMUM AT PERIMETER 1/2 INCH FROM CORNERS AND THREE ROWS OF THREE FASTENERS EACH IN THE BACKERBOARD FIELD. COUNTERSINK FASTENERS FLUSH WITH PLYWOOD SURFACE. BUTT ADJACENT PANELS WITHOUT LAPPING.

END OF SECTION 06 10 53

INTERIOR ARCHITECTURAL WOODWORK

SECTION 06 40 23 - INTERIOR ARCHITECTURAL WOODWORK

PART 1 - GENERAL

A. SHOP DRAWINGS: SUBMIT SHOP DRAWINGS SHOWING LOCATIONS OF EACH ITEM, DIMENSIONED PLANS AND ELEVATIONS, LARGE-SCALE DETAILS, ATTACHMENT DEVICES, AND OTHER COMPONENTS. SHOW LOCATIONS AND SIZES OF FURRING, BLOCKING, AND HANGING STRIPS, INCLUDING CONCEALED BLOCKING AND REINFORCEMENT SPECIFIED IN OTHER SECTIONS. SHOW LOCATIONS AND SIZES OF CUTOUTS AND HOLES FOR PLUMBING, ELECTRICAL, COMPUTER AND TELEPHONE EQUIPMENT AND OTHER ITEMS INSTALLED IN ARCHITECTURAL WOODWORK.

B. QUALITY STANDARD: FABRICATE AND INSTALL ALL ARCHITECTURAL WOODWORK IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS OF ARCHITECTURAL WOODWORK STANDARDS, 1ST EDITION, PUBLISHED JOINTLY BY AIA, ANIAAC, AND WI. UNLESS MORE STRINGENT REQUIREMENTS ARE SPECIFIED OR SHOWN.

C. FIRE PERFORMANCE CHARACTERISTICS: PROVIDE MATERIALS IDENTICAL TO THOSE TESTED FOR THE FOLLOWING FIRE PERFORMANCE CHARACTERISTICS PER ASTM TEST METHODS INDICATED BY UL OR OTHER TESTING AND INSPECTING ORGANIZATIONS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION. IDENTIFY TREATED LUMBER WITH CLASSIFICATION MARKING OF INSPECTING AND TESTING ORGANIZATION IN THE FORM OF SEPARABLE PAPER LABEL OR, WHERE REQUIRED BY AUTHORITIES HAVING JURISDICTION, OF IMPRINT ON LUMBER SURFACES THAT WILL BE CONCEALED FROM VIEW AFTER INSTALLATION.

1. SURFACE BURNING CHARACTERISTICS FOR CONCEALED BLOCKING, FURRING, AND DOOR SUBFRAMING: NOT EXCEEDING A FLAME SPREAD OF 25, AND SMOKE DEVELOPED OF 50 WHEN TESTED PER ASTM E 84 FOR 30 MINUTES.

2. THE FIRE PERFORMANCE FINISH REQUIREMENTS FOR ALL EXPOSED INTERIOR WALL AND CEILING WOODWORK (INCLUDING THE PANELING, BUT NOT LIMITED TO PANELING) SUBSTRATES IN FULLY SPRINKLERED SPACES SHALL COMPLY WITH IBC 2006, TABLE 803.5.

D. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL WOODWORK UNTIL BUILDING IS ENCLOSED, WET WORK IS COMPLETE, AND HVAC SYSTEM IS OPERATING AND MAINTAINING TEMPERATURE AND RELATIVE HUMIDITY AT LEVELS PLANNED FOR BUILDING OCCUPANTS DURING THE REMANDER OF THE CONSTRUCTION PERIOD.

E. FIELD MEASURE UNIFORMITY: WHERE UNIFORMITY IS INDICATED TO FIT TO OTHER CONSTRUCTION, VERIFY ACTUAL DIMENSIONS OF OTHER CONSTRUCTION BY ACCURATE FIELD MEASUREMENTS BEFORE FABRICATION OF WOODWORK, AND INDICATE MEASUREMENTS ON FINAL SHOP DRAWINGS. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING THE WORK. LOCATE CONCEALED FRAMING, BLOCKING, AND REINFORCEMENTS THAT SUPPORT WOODWORK BY FIELD MEASUREMENTS BEFORE BEING ENCLOSED AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.

PART 2 - PRODUCTS

A. GENERAL: PROVIDE MATERIALS THAT COMPLY WITH REQUIREMENTS OF THE AIA QUALITY STANDARD FOR EACH TYPE OF WOODWORK AND QUALITY GRADE SPECIFIED.

B. LUMBER STANDARDS: COMPLY WITH APPLICABLE PROVISIONS FOR GRADING AND WORKMANSHIP OF AWS ARCHITECTURAL WOODWORK STANDARDS, SECTION 3, AND THE REQUIREMENTS SHOWN AND SPECIFIED, WHERE STANDARDS CONFLICT THE MORE STRINGENT SHALL APPLY. PROVIDE LUMBER SURFACED 4 SIDES (S4S) AND FABRICATED TO PROFILES SHOWN. ALL LUMBER SHALL BE KILN DRIED TO THE MOISTURE CONTENT INDICATED IN AWS, SECTION 2.

1. FURRING, BLOCKING, SHIMS: NO. 1 COMMON, SOUTHERN PINE.

C. WOOD PANEL, PRODUCTS:

1. MEDIUM-DENSITY FIBERBOARD (MDF): ANSI A208.2, HAVING A MINIMUM 48 PCF DENSITY EXCEPT THAT MINIMUM FOR SCREW HOLDING CAPACITY ON FACE SHALL BE 300 POUNDS; AN ASTM E 84 MINIMUM CLASS 1 FLAME SPREAD RATING, MINIMUM 3/4 INCHES (19 MM) THICK, EDGED AND FACED AS SPECIFIED, FABRICATED WITH BINDER CONTAINING NO ADDED UREA FORMALDEHYDE. PROVIDE MOISTURE-RESISTANT MDF WHEN SUBJECT TO WETTING.

2. HARDBOARD: ANSI A135.4.

D. THERMOSET DECORATIVE OVERLAY (MELAMINE): MEDIUM-DENSITY FIBERBOARD WITH SURFACE OF THERMALLY FUSED, MELAMINE-IMPREGNATED DECORATIVE PAPER COMPLYING WITH THE REQUIREMENTS OF THE COMPOSITE PANELING AND LAMINATE BULLETIN 1, MARKING SYSTEMS.

E. HIGH-PRESSURE DECORATIVE LAMINATE: PROVIDE PRODUCT INDICATED IN FINISH SCHEDULE.

1. BAKING SHEETS: NON-DECORATIVE, HIGH PRESSURE LAMINATE, NEMA D3, GRADE, TYPES AND THICKNESS TO MATCH FACE SHEETS AND EQUALIZE PULL.

F. ADHESIVES: USE ONLY LOW EMITTING UV ADHESIVES THAT LEAVE NO GLUE LINES ON FINISHED SURFACES OF ARCHITECTURAL WOODWORK. DO NOT USE ADHESIVES THAT CONTAIN UREA FORMALDEHYDE. USE INSTALLATION ADHESIVES THAT DO NOT EXCEED THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):

1. WOOD GLUES: 50 GL.

2. CONTACT ADHESIVES: 50 GL.

F. FIRE-RETARDANT-TREATED MATERIALS: WHERE INDICATED, USE MATERIALS IMPREGNATED WITH FIRE-RETARDANT CHEMICAL FORMULATIONS INDICATED BY A PRESSURE PROCESS OR OTHER MEANS ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION TO PRODUCE PRODUCTS WITH FIRE-TEST RESPONSE CHARACTERISTICS SPECIFIED.

1. DO NOT USE TREATED MATERIAL THAT DOES NOT COMPLY WITH REQUIREMENTS OF REFERENCED WOODWORKING STANDARD. DO NOT USE TWISTED, WARPED, BOWED, DISCOLORED, OR OTHERWISE DAMAGED OR DEFECTIVE LUMBER OR PANEL PRODUCTS.

2. FIRE-RETARDANT TREATMENTS THAT DO NOT BLEED THROUGH OR OTHERWISE ADVERSELY AFFECT FINISHES. DO NOT USE COLORANTS IN SOLUTION TO DISTINGUISH TREATED MATERIAL FROM UNTREATED MATERIAL.

3. TREAT ONLY DOOR SUBFRAMING, BLOCKING, AND FURRING ITEMS.

H. HARDWARE STANDARD: COMPLY WITH BHMA A156.9 FOR ITEMS INDICATED BY REFERENCING BHMA NUMBERS OR ITEMS REFERENCED TO THIS STANDARD.

1. FRAMELESS CONCEALED HINGES FOR CABINET DOORS (EUROPEAN TYPE): BHMA A156.9 B1002, BRIGHT NICKEL FINISH (US15). PROVIDE HINGE QUANTITY AS RECOMMENDED BY HINGE MANUFACTURER BASED ON CABINET DOOR WIDTH, WEIGHT, THICKNESS, DOOR MATERIAL, AND HINGE CUP SELECTION.

2. HIDDEN GATE HINGES: BHMA A156.9 B01501. PROVIDE HINGE QUANTITY AS RECOMMENDED BY HINGE MANUFACTURER BASED ON CABINET DOOR WIDTH, WEIGHT, THICKNESS, DOOR MATERIAL, AND HINGE CUP SELECTION.

3. PIANO HINGES: BHMA A156.9 B51491.

4. PULLS: AS INDICATED.

5. CATCHES: STANLEY COMMERCIAL HARDWARE: CD41 SINGLE MAGNETIC CABINET CATCH (FOR SINGLE DOORS) AND CD45 DOUBLE MAGNETIC CABINET CATCH (FOR DOUBLE DOORS). CATCHES SHALL BE PROVIDED FOR EACH DOOR.

6. DRAWER SLIDES: HAFELE AMERICA, CO., HAFELE 282.01.701 X 282.50.704, OR KNAPE AND VOGT, 331 SERIES FLAT TOP SELF-SUPPORT PIN WITH 325 SERIES INSERT GROMMET.

7. DRAWER SLIDES:

a. PENCIL DRAWER SLIDES: ACCURIDE, INC., MODEL NO. 2132 OR 2008.

b. DRAWERS LESS THAN 4 INCHES DEEP: ACCURIDE, INC., MODEL NO. 7432, 100 LB. CAPACITY MEDIUM DUTY LOAD RATING, BRIGHT ELECTRO ZINC PLATE FINISH.

c. DRAWERS GREATER THAN 4 INCHES BUT LESS THAN 8 INCHES DEEP: ACCURIDE, INC., MODEL NO. 7432, 150 LB. CAPACITY MEDIUM DUTY LOAD RATING, BRIGHT ELECTRO ZINC PLATE FINISH.

d. DRAWERS GREATER THAN 8 INCHES DEEP: ACCURIDE, INC., MODEL NO. 4032, 150 LB. CAPACITY HEAVY DUTY LOAD RATING, BRIGHT ELECTRO ZINC PLATE FINISH.

e. REFUSE CABINETS: ACCURIDE, INC., MODEL NO. 3600-201, 175 LB. CAPACITY HEAVY DUTY LOAD RATING, BRIGHT ELECTRO ZINC PLATE FINISH.

f. FLIPPER DOOR SLIDES: ACCURIDE, INC., MODEL NO. 1432, BRIGHT ELECTRO ZINC PLATE FINISH.

8. SILENCERS: PROVIDE RUBBER SILENCERS ON JAMB AND/OR HEAD AND SILL STROKE AREAS OF ALL CABINET DOORS AND DRAWERS, 2 FOR PAIRED DOORS, AND 3 FOR SINGLE DOORS. SILENCERS SHALL BE APPROXIMATELY 1/4-INCH DIAMETER. COLOR COMPATIBLE WITH ADJACENT FINISH.

9. DOOR AND DRAWER LOCKS: ALL CABINET DOORS AND DRAWERS SHALL BE FURNISHED WITH LOCKS. FINISH EXPOSED PORTIONS OF LOCKS TO MATCH CABINET PULL FINISH. FURNISH 2 KEYS WITH EACH LOCK AND KEY ALL LOCKS INSIDE ONE ROOM ALIKE AND PROVIDE MASTERKEY FOR ALL LOCKS IN PROJECT.

10. GROMMETS FOR CABLE PASSAGE THROUGH COUNTERTOPS: 2-1/2 INCH METAL GROMMETS AND MATCHING CAPS WITH SLOT FOR WIRE PASSAGE.

I. FABRICATION: COMPLETE FABRICATION, INCLUDING ASSEMBLY, FINISHING, AND HARDWARE APPLICATION, BEFORE SHIPMENT TO PROJECT SITE TO THE MAXIMUM EXTENT POSSIBLE. DISASSEMBLE COMPONENTS ONLY AS NECESSARY FOR SHIPMENT AND INSTALLATION. WHERE NECESSARY FOR FITTING AT SITE, PROVIDE ALLOWANCE FOR SCRIBING, TRIMMING, AND FITTING. THE WIDTH OF SCRIBE AND FILLER PANELS SHALL NOT EXCEED 1/2 INCH, OR 1/2 INCH CLEAR DIMENSION FROM ADJACENT WALL TO OUTSIDE FACE OF CABINET DOOR IN A 90 DEGREE POSITION, WHICHEVER IS GREATER.

1. INTERIOR WOODWORK GRADES:

a. CUSTOM GRADE AT PLASTIC LAMINATE-FINISHED WOODWORK.

J. WOOD CABINETS FOR PLASTIC LAMINATE FINISH:

1. AWS TYPE OF CABINET CONSTRUCTION: COMPLY WITH AWS SECTION 10, STYLE 1, TYPE A CONSTRUCTION; FLUSH OVERLAY.

2. LAMINATE CLADDING FOR EXPOSED SURFACES: GRADE HGS FOR HORIZONTAL SURFACES OTHER THAN TOPS AND EDGES, GRADE VGS FOR VERTICAL SURFACES.

3. MATERIALS FOR SEMIEXPOSED SURFACES OTHER THAN DRAWER BODIES: HIGH-PRESSURE DECORATIVE LAMINATE, GRADE VGS.

4. DRAWER SIDES AND BACKS: SOLID-HARDWOOD LUMBER.

5. DRAWER BOTTOMS: HARDWOOD PLYWOOD.

K. PLASTIC LAMINATE COUNTERTOPS:

1. COMPLY WITH AWS SECTION 11, AND AS FOLLOWS:

a. HIGH-PRESSURE DECORATIVE LAMINATE GRADE: HGS.

b. EDGE TREATMENT: SAME AS LAMINATE CLADDING ON HORIZONTAL SURFACES UNLESS OTHERWISE INDICATED.

c. CORE MATERIAL AT SINKS: EXTERIOR-GRADE PLYWOOD.

PART 3 - EXECUTION

A. INSTALL WOODWORK TO COMPLY WITH AWS SECTION 10 FOR THE SAME GRADE SPECIFIED IN THIS SECTION FOR TYPE OF WOODWORK INVOLVED.

B. INSTALL WOODWORK LEVEL, PLUMB, TRUE, WITH NO DISTORTIONS, AND WITH NO VARIATIONS IN FLUSHNESS OF ADJOINING SURFACES. SHIM AS REQUIRED WITH CONCEALED SHIMS.

C. SCRIBE AND CUT WOODWORK TO FIT ADJOINING WORK, AND REFINISH CUT SURFACES AND REPAIR DAMAGED FINISH AT CUTS.

D. ANCHOR WOODWORK TO BLOCKING BUILT IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE TO BLOCKING WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING AS REQUIRED FOR COMPLETE INSTALLATION. USE FINE FINISHING NAILS OR FINISHING SCREWS FOR EXPOSED FASTENING, COUNTERSUNK AND FILLED FLUSH WITH WOODWORK.

E. INSTALL STANDING AND RUNNING TRIM WITH MINIMUM NUMBER OF JOINTS POSSIBLE, USING FULL-LENGTH PIECES (FROM MAXIMUM LENGTH OF LUMBER AVAILABLE) TO GREATEST EXTENT POSSIBLE. DO NOT USE PIECES LESS THAN 96 INCHES LONG, EXCEPT WHERE SHORTER SINGLE-LENGTH PIECES ARE NECESSARY. SCARF RUNNING JOINTS AND STAGGER IN ADJACENT AND RELATED MEMBERS. FILL GAPS, IF ANY, BETWEEN TOP OF BASE AND WALL WITH PLASTIC WOOD FILLER, SAND SMOOTH, AND FINISH SAME AS WOOD BASE, IF FINISHED.

F. INSTALL CABINETS WITHOUT DISTORTION SO DOORS AND DRAWERS FIT OPENINGS PROPERLY AND ARE ACCURATELY ALIGNED. ADJUST HARDWARE TO CENTER DOORS AND DRAWERS IN OPENINGS AND TO PROVIDE UNENUMBERED OPERATION. COMPLETE INSTALLATION OF HARDWARE AND ACCESSORY ITEMS AS INDICATED. INSTALL CABINETS WITHOUT SAG, BOW, OR OTHER VARIATION FROM A STRAIGHT LINE. FASTEN WALL CABINETS THROUGH BACK, NEAR TOP AND BOTTOM, AT ENDS AND NOT MORE THAN 16 INCHES ON CENTER WITH NO. 10 WATER-HEAD SCREWS SIZED FOR 1-INCH PENETRATION INTO WOOD BLOCKING, OR HANGING STRIPS OR WITH NO. 10 WATER-HEAD SHEET METAL SCREWS THROUGH METAL BACKING OR METAL FRAMING BEHIND WALL FINISH.

G. ANCHOR COUNTERTOPS SECURELY BY SCREWING THROUGH CORNER BLOCKS OF BASE CABINETS OR OTHER SUPPORTS INTO UNDERSIDE OF COUNTERTOP. CALK SPACE BETWEEN BACKSPLASH AND WALL WITH SILICONE SANITARY SEALANT SPECIFIED IN SECTION 07 92 00 "JOINT SEALANTS." SECURE BACKSPLASHES TO TOPS WITH CONCEALED METAL BRACKETS AT 16 INCHES ON CENTER AND TO WALLS WITH ADHESIVE.

H. COMPLETE THE FINISHING WORK SPECIFIED IN THIS SECTION TO EXTENT NOT COMPLETED AT SHOP OR BEFORE INSTALLATION OF WOODWORK.

I. REPAIR DAMAGED AND DEFECTIVE WOODWORK TO ELIMINATE FUNCTIONAL AND VISUAL DEFECTS, WHERE NOT POSSIBLE TO REPAIR, REPLACE WOODWORK. ADJUST JOINERY FOR UNIFORM APPEARANCE.

J. CLEAN WOODWORK ON EXPOSED AND SEMIEXPOSED SURFACES.

K. PROVIDE FINAL PROTECTION AND MAINTAIN CONDITIONS, IN A MANNER ACCEPTABLE TO MANUFACTURER, THAT ENSURES THAT WOODWORK WILL BE WITHOUT DAMAGE OR DETERIORATION AT TIME OF SUBSTANTIAL COMPLETION.

END OF SECTION 06 40 23

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

SPECIFICATIONS

A 10.04

PLASTIC PANELING

SECTION 06 64 00 - PLASTIC PANELING

PART 1 - GENERAL

A. ACTION SUBMITTALS

1. PRODUCT DATA, FOR EACH TYPE OF PRODUCT.

B. SAMPLES, FOR PLASTIC PANELING AND TRIM ACCESSORIES, IN MANUFACTURER'S STANDARD SIZES.

1.2 QUALITY ASSURANCE

A. TESTING AGENCY, ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

1.3 FIELD CONDITIONS

A. ENVIRONMENTAL LIMITATIONS, DO NOT DELIVER OR INSTALL PLASTIC PANELING UNTIL SPACES ARE ENCLOSED AND WEATHERTIGHT AND TEMPORARY HVAC SYSTEM IS OPERATING AND MAINTAINING AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS AT OCCUPANCY LEVELS DURING THE REMAINDER OF THE CONSTRUCTION PERIOD.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

A. SOURCE LIMITATIONS, OBTAIN PLASTIC PANELING AND TRIM ACCESSORIES FROM SINGLE MANUFACTURER.

2.2 PLASTIC SHEET PANELING

A. GLASS-FIBER-REINFORCED PLASTIC PANELING, GELCOAT-FINISHED, GLASS-FIBER-REINFORCED PLASTIC PANELS, COMPLYING WITH ASTM D 5319

1. BASIS-OF-DESIGN PRODUCT, SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE MARLITE, S100G, OR COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:

a. CRANE COMPOSITES, INC.

b. GLASTEL

2. SURFACE-BURNING CHARACTERISTICS, AS FOLLOWS WHEN TESTED BY A QUALIFIED TESTING AGENCY, ACCORDING TO ASTM E 84, IDENTIFY PRODUCTS WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AGENCY.

a. FLAME-SPREAD INDEX, 200 OR LESS

b. SMOKE-DEVELOPED INDEX, 450 OR LESS

3. NOMINAL THICKNESS, NOT LESS THAN 0.09 INCH (2.3 MM)

4. SURFACE FINISH, MOLDED PEBBLE TEXTURE

5. COLOR, AS INDICATED BY MANUFACTURER'S DESIGNATIONS.

2.3 ACCESSORIES

A. TRIM ACCESSORIES, MANUFACTURER'S STANDARD ONE-PIECE VINYL EXTRUSIONS DESIGNED TO RETAIN AND COVER EDGES OF PANELS, PROVIDE DIVISION BARS, INSIDE CORNERS, OUTSIDE CORNERS, AND CAPS AS NEEDED TO CONCEAL EDGES

1. COLOR, MATCH PANELS.

B. EXPOSED FASTENERS, NYLON DRIVE RIVETS RECOMMENDED BY PANEL MANUFACTURER.

C. SEALANT, MILDEW-RESISTANT, SINGLE-COMPONENT, NEUTRAL-CURING SILICONE SEALANT, RECOMMENDED BY PLASTIC PANELING MANUFACTURER AND COMPLYING WITH REQUIREMENTS IN SECTION 07 92 00 "JOINT SEALANTS."

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE SUBSTRATES AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.

B. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 PREPARATION

A. REMOVE WALLPAPER, VINYL WALL COVERING, LOOSE OR SOLUBLE PAINT, AND OTHER MATERIALS THAT MIGHT INTERFERE WITH ADHESIVE BOND.

B. PREPARE SUBSTRATE BY SANDING HIGH SPOTS AND FILLING LOW SPOTS AS NEEDED TO PROVIDE FLAT, EVEN SURFACE FOR PANEL INSTALLATION.

C. CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR ADHESIVE BOND, INCLUDING OIL, GREASE, DIRT, AND DUST.

D. CONDITION PANELS BY UNPACKING AND PLACING IN INSTALLATION SPACE BEFORE INSTALLATION ACCORDING TO MANUFACTURER'S WRITTEN RECOMMENDATIONS.

E. LAY OUT PANELING BEFORE INSTALLING. LOCATE PANEL JOINTS TO PROVIDE EQUAL PANELS AT ENDS OF WALLS NOT LESS THAN HALF THE WIDTH OF FULL PANELS.

1. MARK PLUMB LINES ON SUBSTRATE AT PANEL JOINT LOCATIONS FOR ACCURATE INSTALLATION.

2. LOCATE PANEL JOINTS TO ALLOW CLEARANCE AT PANEL EDGES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

3.3 INSTALLATION

A. INSTALL PLASTIC PANELING ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

B. INSTALL PANELS IN A FULL SPREAD OF ADHESIVE.

C. INSTALL PANELS WITH FASTENERS, LAYOUT FASTENER LOCATIONS AND MARK ON FACE OF PANELS SO THAT FASTENERS ARE ACCURATELY ALIGNED

1. DRILL OVERSIZED FASTENER HOLES IN PANELS AND CENTER FASTENERS IN HOLES.

2. APPLY SEALANT TO FASTENER HOLES BEFORE INSTALLING FASTENERS.

D. INSTALL TRIM ACCESSORIES WITH ADHESIVE, DO NOT FASTEN THROUGH PANELS.

E. FILL GROOVES IN TRIM ACCESSORIES WITH SEALANT BEFORE INSTALLING PANELS, AND BED INSIDE CORNER TRIM IN A BEAD OF SEALANT.

F. MAINTAIN UNIFORM SPACE BETWEEN PANELS AND WALL FIXTURES. FILL SPACE WITH SEALANT.

G. REMOVE EXCESS SEALANT AND SMEARS AS PANELING IS INSTALLED. CLEAN WITH PRODUCT RECOMMENDED BY SEALANT MANUFACTURER AND THEN WIPE WITH CLEAN DRY CLOTHS UNTIL NO RESIDUE REMAINS.

END OF SECTION 06 64 00

06600006-1ADR

JOINT SEALANTS

SECTION 07 92 00 - JOINT SEALANTS

PART 1 - GENERAL (NOT USED)

PART 2 - PRODUCTS

A. SOURCE LIMITATIONS, OBTAIN EACH KIND OF JOINT SEALANT FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.

B. VOC CONTENT OF INTERIOR SEALANTS, PROVIDE SEALANTS AND SEALANT PRIMERS FOR USE INSIDE THE WEATHERPROOFING SYSTEM THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):

1. ARCHITECTURAL SEALANTS, NOT MORE THAN 250 G/L

2. SEALANT PRIMERS FOR NONPOROUS SUBSTRATES, NOT MORE THAN 250 G/L

3. SEALANT PRIMERS FOR POROUS SUBSTRATES, NOT MORE THAN 775 G/L

C. COLORS, FOR FULLY CONCEALED JOINTS, PROVIDE THE MANUFACTURER'S STANDARD COLOR OF SEALANT WHICH HAS THE BEST OVERALL PERFORMANCE CHARACTERISTICS FOR THE APPLICATION SHOWN, FOR EXPOSED JOINTS, THE ARCHITECT WILL SELECT COLORS FROM THE MANUFACTURER'S STANDARD COLORS.

D. MILDEW-RESISTANT SILICONE SEALANT, COMPLYING WITH ASTM C 920, TYPE 5, GRADE NS, CLASS 25, USE NT, SUBSTRATE USES G, A, AND O, AND CONTAINING A FUNGICIDE FOR MILDEW RESISTANCE; WHITE COLOR, PROVIDE ONE OF THE FOLLOWING:

1. DOW CORNING CORPORATION, 786 MILDEW RESISTANT

2. GE ADVANCED MATERIALS - SILICONES, SANITARY SCS1700

3. PECORA CORPORATION, 898 SANITARY SEALANT

4. TREMCO INCORPORATED, TREMSIL 200 SANITARY

E. LATEX SEALANT, COMPLYING WITH ASTM C 834, TYPE OP, PROVIDE ONE OF THE FOLLOWING:

1. BASF BUILDING SYSTEMS, SONOLASTIC SONOLAC

2. PECORA CORPORATION, AC-20 + SILICONE

3. TREMCO, INCORPORATED, TREMPLEX 834

PART 3 - EXECUTION

A. CLEAN OUT JOINTS IMMEDIATELY BEFORE INSTALLING JOINT SEALANTS TO COMPLY WITH THE RECOMMENDATIONS OF JOINT SEALANT MANUFACTURER.

B. INSTALL SEALANTS SO THEY DIRECTLY CONTACT AND FULLY WET JOINT SUBSTRATES, COMPLETELY FILLING RECESSES PROVIDED FOR EACH JOINT CONFIGURATION, AND PROVIDING UNIFORM, CROSS-SECTIONAL SHAPES AND DEPTHS THAT ALLOW OPTIMUM SEALANT MOVEMENT CAPABILITY.

C. IMMEDIATELY AFTER SEALANT APPLICATION AND BEFORE SKINNING OR CURING BEGINS, TOOL SEALANTS TO FORM SMOOTH, UNIFORM, CONCAVE SHAPED BEADS, TO ELIMINATE AIR POCKETS, AND TO ENSURE CONTACT AND ADHESION OF SEALANT WITH SIDES OF JOINT. REMOVE EXCESS SEALANTS FROM SURFACES ADJACENT TO JOINT.

D. CLEAN EXCESS SEALANTS OR SEALANT SMEARS ADJACENT TO JOINTS AS INSTALLATION PROGRESSES BY METHODS AND WITH CLEANING MATERIALS APPROVED IN WRITING BY MANUFACTURERS OF JOINT SEALANTS AND OF PRODUCTS IN WHICH JOINTS OCCUR.

E. JOINT SEALANT SCHEDULE:

1. CONTROL AND EXPANSION JOINTS ON EXPOSED INTERIOR SURFACES OF EXTERIOR WALLS: LATEX SEALANT

2. PERIMETER JOINTS BETWEEN INTERIOR WALL SURFACES AND FRAMES OF INTERIOR DOORS, WINDOWS, AND ELEVATOR ENTRANCES: LATEX SEALANT

3. JOINTS BETWEEN PLUMBING FIXTURES AND ADJOINING WALLS AND FLOORS, AND COUNTERTOPS: MILDEW-RESISTANT SILICONE SEALANT

4. TILE CONTROL AND EXPANSION JOINTS IN WET AREAS: MILDEW-RESISTANT SILICONE SEALANT

5. TILE CONTROL AND EXPANSION JOINTS IN OTHER AREAS: LATEX SEALANT

6. CONTROL AND EXPANSION JOINTS IN TILE FLOORING: TWO-PART POLYURETHANE

7. SEALANT BELOW BOTTOM TRACK OF GYPSUM BOARD ASSEMBLIES: TWO BEADS OF LATEX

END OF SECTION 07 92 00

HOLLOW METAL DOOR FRAMES

SECTION 08 11 13 - HOLLOW METAL DOORS AND FRAMES

PART 1 - GENERAL

A. CERTIFICATE OF COMPLIANCE FOR FIRE RATED DOORS, PROVIDE COPIES OF CERTIFICATE OF COMPLIANCE FOR ALL FIRE-RATED DOOR ASSEMBLIES, ALL SMOKE AND DRAFT CONTROL DOOR ASSEMBLIES, AND ALL TEMPERATURE RISE RATED DOOR ASSEMBLIES.

B. SCHEDULE, PREPARED BY OR UNDER THE SUPERVISION OF SUPPLIER, USING SAME REFERENCE NUMBERS FOR DETAILS AND OPENINGS AS THOSE ON DRAWINGS.

C. HOLLOW METAL DOOR AND FRAME STANDARD, COMPLY WITH THE APPLICABLE PROVISIONS AND RECOMMENDATIONS OF HMAA "HOLLOW METAL MANUAL" BY HOLLOW METAL MANUFACTURERS ASSOCIATION (HMAA), DIV. OF NATIONAL ASSOCIATION OF ARCHITECTURAL METAL MANUFACTURERS (NAAMM), UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED IN THE CONTRACT DOCUMENTS.

PART 2 - PRODUCTS

2.1 MANUFACTURERS, PROVIDE DOORS AND FRAMES BY ONE OF THE FOLLOWING:

1. CEOC DOOR PRODUCTS, AN ASSA ABLOY GROUP COMPANY.

2. CURRIES COMPANY, AN ASSA ABLOY GROUP COMPANY.

3. STEELCRAFT, AN INGERSOLL-RAND COMPANY.

B. FIRE-RATED ASSEMBLIES, COMPLYING WITH NFPA 80 AND LISTED AND LABELED BY A QUALIFIED TESTING AGENCY, ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION FOR FIRE-PROTECTION RATINGS AND TEMPERATURE-RISE LIMITS INDICATED, BASED ON TESTING AT POSITIVE PRESSURE, ACCORDING TO NFPA 252 OR UL 10C.

1. AGENCY, ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION FOR FIRE-PROTECTION RATINGS AND TEMPERATURE-RISE LIMITS INDICATED, BASED ON TESTING AT POSITIVE PRESSURE, ACCORDING TO NFPA 252 OR UL 10C.

C. COMMERCIAL DOORS AND FRAMES: NAAMM-HMAA 801

1. DOORS, FACE SHEETS FABRICATED FROM COLD-ROLLED STEEL SHEET, PROVIDE DOORS COMPLYING WITH ANSI/SI 4250.4 FOR PHYSICAL PERFORMANCE LEVEL A.

2. FRAMES, FABRICATED FROM COLD-ROLLED STEEL SHEET MINIMUM THICKNESS OF 0.053 INCH FOR DOOR OPENINGS 48 INCHES OR LESS, OR WINDOW FRAMES, MINIMUM THICKNESS OF 0.107 INCH FOR DOOR OPENINGS GREATER THAN 48 INCHES. FABRICATE FRAMES WITH MITERED OR COPED CORNERS, FULL PROFILE WELDED.

3. SHOP PRIMER, ANSI/SI 4250.10, APPLY MANUFACTURER'S STANDARD PRIMER IMMEDIATELY AFTER FORMING AND PRETREATING.

D. JAMB ANCHORS, AS REQUIRED FOR TYPE OF CONSTRUCTION INDICATED.

E. MATERIALS:

1. COLD-ROLLED STEEL SHEET, ASTM A 1008/A 1009M, CS, TYPE B, SUITABLE FOR EXPOSED APPLICATIONS.

2. HOT-ROLLED STEEL SHEET, ASTM A 1011/A 1011M, CS, TYPE B

3. FRAME ANCHORS: ASTM A 591/A 591M, COMMERCIAL STEEL (CS), 40Z COATING DESIGNATION; MILL PHOSPHATIZED.

4. INSERTS, BOLTS, AND FASTENERS: HOT-DIP GALVANIZED ACCORDING TO ASTM A 153/A 153M, PROVIDE COUNTERSUNK FLAT HEADS FOR EXPOSED SCREWS AND BOLTS, UNLESS OTHERWISE INDICATED.

5. MINERAL-FIBER INSULATION: ASTM C 665, TYPE I

F. FABRICATION: FABRICATE HOLLOW-METAL WORK TO BE RIGID AND FREE OF DEFECTS, WARP, OR BUCKLE. ACCURATELY FORM METAL TO REQUIRED SIZES AND PROFILES, WITH MINIMUM RADII FOR METAL THICKNESS.

HARDWARE PREPARATION: PREPARE DOORS AND FRAMES TO RECEIVE HARDWARE, INCLUDING CUTOUTS, REINFORCEMENT, MORTISING, DRILLING, AND TAPPING, ACCORDING TO FINAL HARDWARE SCHEDULE AND TEMPLATES PROVIDED BY HARDWARE SUPPLIER. SECURE REINFORCEMENT BY SPOT WELDING, COMPLY WITH APPLICABLE REQUIREMENTS OF ANSI/HMAA 115-115 AND 115-115W SPECIFICATIONS FOR DOOR AND FRAME PREPARATION FOR HARDWARE. FACTORY REINFORCE DOORS AND FRAMES TO RECEIVE SURFACE-APPLIED HARDWARE. FACTORY DRILL AND TAP FOR SURFACE-APPLIED HARDWARE, EXCEPT AT PUSHPLATES AND KICKPLATES PROVIDE REINFORCING ONLY. LOCATE HARDWARE AS INDICATED ON THE DRAWINGS OR IN SECTION 08 71 00 "DOOR HARDWARE" OR, IF NOT INDICATED, ACCORDING TO HMAA 631, "RECOMMENDED HARDWARE LOCATIONS FOR CUSTOM HOLLOW METAL DOORS AND FRAMES"

PART 3 - EXECUTION

A. INSTALL DOORS AND FRAMES ACCORDING TO THE REFERENCED STANDARDS AND MANUFACTURER'S WRITTEN RECOMMENDATIONS AND INSTALLATION INSTRUCTIONS.

B. INSTALL FIRE-RATED DOORS AND FRAMES ACCORDING TO NFPA 80.

C. INSTALL SMOKE CONTROL DOORS AND FRAMES ACCORDING TO NFPA 105

D. INSTALL GLAZING TO COMPLY WITH INSTALLATION REQUIREMENTS IN SECTION 08 80 00 "GLAZING" AND WITH HOLLOW METAL MANUFACTURER'S WRITTEN INSTRUCTIONS. SECURE STOPS WITH COUNTERSUNK FLAT OR OVAL HEAD MACHINE SCREWS SPACED UNIFORMLY NOT MORE THAN 9 INCHES O.C. AND NOT MORE THAN 2 INCHES O.C. FROM EACH CORNER.

E. INSTALL WOOD DOORS TO COMPLY WITH REQUIREMENTS IN SECTION 08 14 16 "FLUSH WOOD DOORS."

F. APPLY HARDWARE IN ACCORDANCE WITH HARDWARE MANUFACTURER'S INSTRUCTIONS AND SECTION 08 71 00 "DOOR HARDWARE." DRILL AND TAP FOR MACHINE SCREWS AS REQUIRED. DO NOT USE SELF-TAPPING SHEET METAL SCREWS. ADJUST DOOR INSTALLATION TO PROVIDE UNIFORM CLEARANCE AT HEAD AND JAMBS, AND TO CONTACT STOPS UNIFORMLY. FIELD CUT EXISTING HOLLOW METAL DOORS AND FRAMES INDICATED TO RECEIVE NEW HARDWARE. FIELD CUTTING SHALL BE EXECUTED IN A WORKMANLIKE MANNER AND SHALL NOT VOID THE EXISTING DOOR AND FRAME LABELING.

G. CHECK AND READJUST OPERATING HARDWARE ITEMS JUST BEFORE FINAL INSPECTION. LEAVE WORK IN COMPLETE AND PROPER OPERATING CONDITION. REMOVE AND REPLACE DEFECTIVE WORK, INCLUDING DOORS OR FRAMES THAT ARE WARPED, BOWED, OR OTHERWISE UNACCEPTABLE.

H. IMMEDIATELY AFTER ERECTION, SAND SMOOTH RUSTED OR DAMAGED AREAS OF PRIME COAT AND APPLY TOUCHUP OF COMPATIBLE AIR-DRYING PRIMER.

I. REMOVE AND REPLACE DEFECTIVE WORK, INCLUDING DOORS OR FRAMES THAT ARE WARPED, BOWED, OR OTHERWISE DEFECTIVE.

END OF SECTION 08 11 13

FLUSH WOOD DOORS

SECTION 08 14 16 - FLUSH WOOD DOORS

PART 1 - GENERAL

A. SHOP DRAWINGS, SUBMIT SHOP DRAWINGS INDICATING LOCATION, SIZE, THICKNESS, AND HAND OF EACH DOOR, ELEVATION OF EACH KIND OF DOOR, CONSTRUCTION DETAILS, LOCATION AND EXTENT OF HARDWARE BLOCKING, UNDERCUTS, SPECIAL BEVELING, AND OTHER PERTINENT DATA. INDICATE DIMENSIONS AND LOCATIONS OF MORTISES AND HOLES FOR HARDWARE OF FACTORY MACHINED DOORS. INDICATE DIMENSIONS AND LOCATIONS OF CUTOUTS.

B. QUALITY STANDARD, COMPLY WITH THE APPLICABLE PROVISIONS AND RECOMMENDATIONS OF AIAWS "ARCHITECTURAL WOODWORK STANDARDS," WHERE STANDARDS AND SPECIFICATIONS CONFLICT, COMPLY WITH THE MORE STRINGENT REQUIREMENT.

PART 2 - PRODUCTS

A. FLUSH WOOD DOOR MANUFACTURERS:

1. ALGOMA HARDWOODS, INC.

2. EGGERS INDUSTRIES, ARCHITECTURAL DOOR DIVISION.

3. MARSHFIELD DOOR SYSTEMS, INC.

4. VT INDUSTRIES.

B. DOORS FOR TRANSPARENT FINISH: AIA SECT 1300, PC-5 ME

1. GRADE: PREMIUM, WITH GRADE 4A FACES.

2. FACE VENEER SPECIES AND CUT, AS INDICATED IN FINISH SCHEDULE.

3. ASSEMBLY OF VENEER LEAVES ON DOOR FACES: MATCH BUILDING STANDARD, UNLESS INDICATED OTHERWISE.

4. PAIR AND SET MATCH: PROVIDE FOR DOORS HUNG IN SAME OPENING OR SEPARATED ONLY BY MULLIONS.

5. THICKNESS: 1-3/4 INCH, UNLESS OTHERWISE INDICATED.

C. MATERIALS:

1. PARTICLEBOARD CORE MATERIAL, COMPLYING WITH ANSI A208.1, GRADE 1-LD-1 OR 1-LD-2, MADE WITH BINDER CONTAINING NO UREA-FORMALDEHYDE RESIN.

2. BLOCKING: 5-1/2 INCH WIDE MINIMUM TOP-RAIL BLOCKING AT DOORS WITH CLOSERS AND BOTTOM RAIL BLOCKING AT DOORS WITH KICKPLATES CONSISTING OF MINIMUM 1/2 INCH WIDE SINGLE LENGTH STRUCTURAL COMPOSITE LUMBER (SCL) OUTER BAND AND SINGLE LENGTH SCL INNER BAND. PROVIDE BLOCKING AT ALL HARDWARE LOCATIONS, INCLUDING HINGES, LOCK AND LATCH SETS, AND THUMB TURNS. PROVIDE MINIMUM SCREW PULLOUT WITHDRAWAL AT FACE OF 700 LBF AND 400 LBF AT EDGE.

3. VERTICAL EDGES: 1-3/8 INCH WIDE MINIMUM PRIMER TO FITTING, TWICELY LAMINATED WOOD CONSTRUCTION CONSISTING OF A SINGLE PEECE HARDWOOD OUTER BAND, WITHOUT FINGERJOINTS, AND AN INNER BAND OF SCL. OUTER BAND TO MATCH FACE VENEER FOR TRANSPARENT FINISHED VENEER-FACED DOORS. TRIM NON-RATED DOOR WIDTH EQUALLY ON BOTH JAMB EDGES.

4. CROSSBANDING: MINIMUM 1/16 INCH THICK, LOW DENSITY HARDWOOD, COMPOSITE, OR HIGH DENSITY HARBORBOARD.

5. WOOD BEADS FOR LIGHT OPENINGS IN WOOD DOORS: MANUFACTURER'S STANDARD FLUSH DESIGNED, SOLID WOOD, RECTANGULAR SHAPED, BACK BEVELED OR QUIRKED, BEADS MATCHING VENEER SPECIES OF VENEERING. CROSSBANDING MATERIALS SHALL EXTEND FULL WIDTH OF DOOR WITH GRAIN RUNNING HORIZONTALLY. TAPELESS SPLICED WITHOUT VOIDS OR SHOW THROUGH (TELEGRAPHING), AND DIRECTLY GLUED TO CORE AND BLOCKING. SAND CROSSBANDING BEFORE APPLICATION OF FACE VENEER. FACE VENEER SHALL EXTEND FULL HEIGHT OF DOOR WITH GRAIN RUNNING VERTICALLY. TAPELESS SPLICED WITHOUT VOIDS OR SHOW THROUGH (TELEGRAPHING), AND DIRECTLY GLUED TO CROSS BAND. GLUE LINES BETWEEN FACE VENEER, CROSSBANDING, AND BLOCKING SHALL BE OF A TYPE TO COMPLY WITH THE SPECIFIED WARRANTY USING THE HOT PLATE PROCESS.

1. FACTORY MACHINE DOORS FOR HARDWARE THAT IS NOT SURFACE APPLIED. LOCATE HARDWARE TO COMPLY WITH DHA (HDS-5) UNLESS OTHERWISE INDICATED TO MATCH EXISTING FRAME HARDWARE PREPARATIONS. COMPLY WITH FINAL HARDWARE SCHEDULES, DOOR FRAME SHOP DRAWINGS, AIA SECT 1300-G-20, BHMA A158-115-W STANDARDS, AND HARDWARE TEMPLATES. COORDINATE MEASUREMENTS OF HARDWARE MORTISES IN FRAMES TO VERIFY DIMENSIONS AND ALIGNMENT BEFORE FACTORY MACHINING.

2. CUT AND TRIM OPENINGS THROUGH DOORS TO COMPLY WITH APPLICABLE REQUIREMENTS OF REFERENCED STANDARDS FOR KIND(S) OF DOOR(S) REQUIRED. INSTALL LIGHT BEADS WITH FASTENERS SPACED FOR OPENING SIZE INDICATED. INSTALL WOOD BEAD MOLDINGS WITH FINISH NAILS AND COUNTERSUNK NOT STRIKING BEAD. FILL COUNTERSUNK HEADS WITH PUTTY MATCHING WOOD BEAD COLOR.

E. FACTORY FINISHING: FINISH DOORS AT FACTORY THAT ARE INDICATED TO RECEIVE TRANSPARENT FINISH.

1. GRADE: PREMIUM.

2. FINISH: MANUFACTURER'S STANDARD FINISH WITH PERFORMANCE MEETING OR EXCEEDING EITHER AIA SYSTEM TR-4 CONVERSION VARNISH OR AIA SYSTEM TR-6 CATALYZED POLYURETHANE.

3. STAINING AND SHEEN: MATCH ARCHITECT'S SAMPLE.

PART 3 - EXECUTION

A. INSTALL HARDWARE IN ACCORDANCE WITH SECTION 08 71 00 "DOOR HARDWARE." MAINTAIN FACTORY WRAPPING ON NEW DOORS DURING CONSTRUCTION PERIOD. INSTALL HARDWARE BY CUTTING THE FACTORY WRAPPING AT THE MOUNTING LOCATION OF THE HARDWARE ITEM.

B. INSTALL DOORS TO COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS, REFERENCED QUALITY STANDARD, AND AS INDICATED. WHERE STANDARDS CONFLICT THE MORE STRINGENT SHALL APPLY.

C. FOR JOB-FITTED DOORS, ALIGN AND FIT DOORS IN FRAMES WITH UNIFORM CLEARANCES AND BEVELS, AND TO CONTACT STOPS UNIFORMLY. DO NOT TRIM STILES AND RAILS IN EXCESS OF LIMITS SET BY MANUFACTURER OR PERMITTED FOR FIRE-RATED DOORS. FIELD CUTTING, FITTING OR TRIMMING, SHALL BE EXECUTED IN A WORKMANLIKE MANNER. MACHINE DOORS FOR HARDWARE, SEAL CUT AND TRIMMED SURFACES IMMEDIATELY AFTER FITTING AND MACHINING USING CLEAR VARNISH OR SEALER.

D. FOR FACTORY-FITTED DOORS, ALIGN IN FRAMES FOR UNIFORM CLEARANCE AT EACH EDGE, MATCHING CLEARANCES SPECIFIED FOR FACTORY PREFITTING, AND TO CONTACT STOPS UNIFORMLY. FIELD CUTTING, FITTING OR TRIMMING, IF REQUIRED, SHALL BE EXECUTED IN A WORKMANLIKE MANNER.

E. PROVIDE 1/8 INCH AT HEADS, JAMBS, AND BETWEEN PAIRS OF DOORS. PROVIDE 1/8 INCH FROM BOTTOM OF DOOR TO TOP OF DECORATIVE FLOOR FINISH OR COVERING, WHERE THRESHOLD IS SHOWN OR SCHEDULED. PROVIDE 1/4 INCH FROM BOTTOM OF DOOR TO TOP OF THRESHOLD.

F. RESTORE FACTORY-FINISHED DOORS BEFORE INSTALLATION IF FITTING OR MACHINING IS REQUIRED AT PROJECT SITE.

G. REFINISH OR REPLACE WOOD DOORS DAMAGED DURING INSTALLATION. REPLACE NEW WOOD DOORS THAT ARE WARPED, TWISTED, DEMONSTRATE CORE SHOW THROUGH, ARE NOT TRUE IN PLANE, OR CANNOT BE REFINISHED TO THE SATISFACTION OF THE ARCHITECT.

END OF SECTION 08 14 16

ACCESS DOORS AND FRAMES

SECTION 08 31 13 - ACCESS DOORS AND FRAMES

PART 1 - GENERAL

A. SCHEDULE, PROVIDE COMPLETE DOOR AND FRAME SCHEDULE, INCLUDING TYPES, GENERAL LOCATIONS, SIZES, CONSTRUCTION DETAILS, LATCHING OR LOCKING PROVISIONS, AND OTHER DATA PERTINENT TO INSTALLATION.

B. COORDINATION, OBTAIN SPECIFIC LOCATIONS AND SIZES FOR REQUIRED ACCESS DOORS FROM TRADES, REQUIRING ACCESS TO CONCEALED EQUIPMENT. DETERMINE SPECIFIC LOCATIONS AND SIZES FOR ACCESS DOORS NEEDED TO GAIN ACCESS TO CONCEALED EQUIPMENT, AND INDICATE ON SCHEDULE.

PART 2 - PRODUCTS

A. FLUSH GLASS FIBER REINFORCED GYPSUM, ACCESS TYPICAL DOORS AND TRIMLESS FRAMES FOR GYPSUM BOARD CEILING SURFACES. PROVIDE ONE OF THE FOLLOWING:

1. INTERFORMS, LIFT-N-SHIFT RECTANGULAR PANELS WITH ROUNDED CORNERS.

2. KARP ASSOCIATES, INC., FG-GLASS FIBER REINFORCED GYPSUM.

3. CHICAGO METALLIC CEILING SYSTEMS AND SPECIALTY PRODUCTS: GLASS REINFORCED GYPSUM DRYWALL CEILING ACCESS DOORS.

4. FORMGLAS, INC., INTERIOR CEILING ACCESS PANEL.

B. FABRICATION: PROVIDE ACCESS DOOR ASSEMBLIES MANUFACTURED AS INTEGRAL UNITS READY FOR INSTALLATION.

PART 3 - EXECUTION

A. COMPLY WITH MANUFACTURER'S INSTRUCTIONS FOR INSTALLATION OF ACCESS DOORS. COORDINATE INSTALLATION WITH WORK OF OTHER TRADES.

B. INSTALL ACCESS DOORS FLUSH WITH ADJACENT FINISH SURFACES OR RECESSED TO RECEIVE FINISH MATERIAL.

C. ADJUST DOORS AND HARDWARE AFTER INSTALLATION FOR PROPER FIT AND OPERATION.

D. REMOVE AND REPLACE PANELS OR FRAMES THAT ARE WARPED, BOWED, OR OTHERWISE DAMAGED.

VALVE BOX SPECIFICATION:

1. PROVIDE VALVE BOXES WHERE INDICATED ON DRAWINGS TO HOUSE ALARM KEYPAD, MASTER LIGHTING CONTROL SWITCH AND ROLL UP GRILLE (WHERE APPLICABLE).

2. VALVE BOX SPECIFICATION: # KRVB RECESSED VALVE BOX, 16" X 16" X 4", SATIN STAINLESS STEEL FINISH, WITH PADDLE LATCH.

3. VALVE BOX MFR: KARP ASSOCIATES
260 SPAGNOLI ROAD
MELVILLE, NEW YORK 11747
632-768-6300
EMAIL: INFO@KARP.COM

END OF SECTION 08 31 13

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	
TIFFANY&CO.	
PROJECT: WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:  CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
SHEET NUMBER:	
SPECIFICATIONS	A 10.05

OVERHEAD COILING GRILLES

SECTION 08 33 26 - OVERHEAD COILING GRILLES

1.1 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE AND SIZE OF OVERHEAD COILING GRILLE AND ACCESSORY.

1. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS, PROFILES FOR CURTAIN COMPONENTS, AND FINISHES.

2. INCLUDE RATED CAPACITIES, OPERATING CHARACTERISTICS, ELECTRICAL CHARACTERISTICS, AND FURNISHED ACCESSORIES.

B. SHOP DRAWINGS: SHOW EACH INSTALLATION AND FOR SPECIAL COMPONENTS NOT DIMENSIONED OR DETAILED IN MANUFACTURER'S PRODUCT DATA.

1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND MOUNTING DETAILS.

2. INCLUDE DETAILS OF EQUIPMENT ASSEMBLIES, INDICATE DIMENSIONS, REQUIRED CLEARANCES, METHOD OF FIELD ASSEMBLY, COMPONENTS, AND LOCATION AND SIZE OF EACH FIELD CONNECTION.

3. FOR POINTS OF ATTACHMENT AND THEIR CORRESPONDING STATIC AND DYNAMIC LOADS IMPOSED ON STRUCTURE.

4. FOR EXTERIOR COMPONENTS, INCLUDE DETAILS OF PROVISIONS FOR ASSEMBLY EXPANSION AND CONTRACTION.

5. SHOW LOCATIONS OF CONTROLS, LOCKING DEVICES, AND OTHER ACCESSORIES.

6. INCLUDE DIAGRAMS FOR POWER, SIGNAL, AND CONTROL WIRING.

C. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF EXPOSED FINISH ON THE FOLLOWING COMPONENTS, IN MANUFACTURER'S STANDARD SIZES.

1. OPEN-CURTAIN GRILLE WITH FULL-SIZE COMPONENTS CONSISTING OF RODS, SPACERS, AND LINKS AS REQUIRED TO ILLUSTRATE EACH ASSEMBLY.

2. BOTTOM BAR WITH SENSOR EDGE.

3. GUIDES.

4. MOUNTING FRAME.

5. BRACKETS.

6. HOOD.

D. QUALIFICATION DATA: FOR INSTALLER.

E. MAINTENANCE DATA: FOR OVERHEAD COILING GRILLES TO INCLUDE IN MAINTENANCE MANUALS.

12 QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: AN ENTITY THAT EMPLOYS INSTALLERS AND SUPERVISORS WHO ARE TRAINED AND APPROVED BY MANUFACTURER FOR BOTH INSTALLATION AND MAINTENANCE OF UNITS REQUIRED FOR THIS PROJECT.

PART 2 - PRODUCTS

2.1 MANUFACTURERS, GENERAL

A. SOURCE LIMITATIONS: OBTAIN OVERHEAD COILING GRILLES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.

1. OBTAIN OPERATORS AND CONTROLS FROM OVERHEAD COILING GRILLE MANUFACTURER.

2. PERFORMANCE REQUIREMENTS

A. SEISMIC PERFORMANCE: OVERHEAD COILING GRILLES SHALL WITHSTAND THE EFFECTS OF EARTHQUAKE MOTIONS DETERMINED ACCORDING TO ASCESEI 7.

1. COMPONENT INTERFERENCE FACTOR: 1.0.

2.3 OPEN-CURTAIN GRILLE ASSEMBLY

A. OPEN-CURTAIN GRILLE: OVERHEAD COILING GRILLE WITH A CURTAIN HAVING A NETWORK OF HORIZONTAL RODS THAT INTERCONNECT WITH VERTICAL LINKS.

1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS. PROVIDE PRODUCTS BY THE FOLLOWING:

a. CORNELL IRON WORKS, INC.

B. OPERATION CYCLES: GRILLE COMPONENTS AND OPERATORS CAPABLE OF OPERATING FOR NOT LESS THAN 10,000. ONE OPERATION CYCLE IS COMPLETE WHEN A GRILLE IS OPENED FROM THE CLOSED POSITION TO THE FULLY OPEN POSITION AND RETURNED TO THE CLOSED POSITION.

1. INCLUDE TAMPERPROOF CYCLE COUNTER.

C. GRILLE CURTAIN MATERIAL: STAINLESS STEEL.

1. ROD SPACING: APPROXIMATELY 2 INCHES (51 MM) O.C.

2. LINK SPACING: APPROXIMATELY 9 INCHES (228 MM) APART IN A PATTERN.

a. LINKS ABOVE BOTTOM BAR TO BE CLOSELY SPACED TO PREVENT OPERATION OF THUMB TURN FROM EXTERIOR SIDE.

3. CURTAIN METAL TUBES MATCHING CURTAIN MATERIAL.

D. BOTTOM BAR: CONTINUOUS TUBULAR SHAPE, FABRICATED FROM ALUMINUM EXTRUSION OR STAINLESS STEEL, AND FINISHED TO MATCH CEILING.

E. CURTAIN JAMB DEVICES: ALUMINUM WITH EXPOSED CLEAR ANODIZED FINISH. PROVIDE CONTINUOUS INTEGRAL WEAR STRIPS TO PREVENT METAL-TO-METAL CONTACT AND TO MINIMIZE OPERATIONAL NOISE.

F. HOOD: ALUMINUM.

1. SHAPE: ROUND.

2. MOUNTING: AS INDICATED ON DRAWINGS.

G. LOCKING DEVICES: EQUIP GRILLE WITH LOCKING DEVICE ASSEMBLY.

1. LOCKING DEVICE ASSEMBLY: CREMONE TYPE, BOTH JAMB SIDES LOCKING BARS, OPERABLE FROM INSIDE WITH THUMB TURN AND OUTSIDE WITH CYLINDER.

H. ELECTRIC GRILLE OPERATOR

1. USAGE CLASSIFICATION: MEDIUM DUTY, UP TO 12 CYCLES PER HOUR AND UP TO 50 CYCLES PER DAY.

2. OPERATOR LOCATION: AS INDICATED ON DRAWINGS.

3. SAFETY: LISTED ACCORDING TO UL 325 BY A QUALIFIED TESTING AGENCY FOR COMMERCIAL OR INDUSTRIAL USE, MOVING PARTS OF OPERATOR ENCLOSED OR GUARDED IF EXPOSED AND MOUNTED AT 8 FEET (2.4 M) OR LOWER.

4. MOTOR EXPOSURE: INTERIOR.

5. EMERGENCY MANUAL OPERATION: PUSH-UP TYPE.

6. OBSTRUCTION-DETECTION DEVICE: AUTOMATIC ELECTRIC SENSOR EDGE ON BOTTOM BAR, SELF-MONITORING.

a. SENSOR EDGE BULB COLOR: AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

7. CONTROL STATION: WHERE INDICATED ON DRAWINGS.

8. OTHER EQUIPMENT: EMERGENCY-EGRESS RELEASE.

I. CURTAIN ACCESSORIES: EQUIP GRILLE WITH POLL HOOK.

J. GRILLE FINISH:

1. ALUMINUM FINISH: CLEAR ANODIZED.

2. BAKED ENAMEL OR POWDER-COAT FINISH: COLOR MATCHING ARCHITECT'S SAMPLE.

3. STAINLESS-STEEL FINISH: NO. 4 (POLISHED DIRECTIONAL SATIN).

4. PVC SPACERS: COLOR AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

2.4 MATERIALS, GENERAL

A. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION.

2.5 GRILLE CURTAIN MATERIALS AND CONSTRUCTION

A. GRILLE CURTAIN GRILLES: CURTAIN METAL GRILLE CURTAIN AS AN OPEN NETWORK OF HORIZONTAL RODS, SPACED AT REGULAR INTERVALS, THAT ARE INTERCONNECTED WITH VERTICAL LINKS, WHICH ARE FORMED AND SPACED AS INDICATED AND ARE FREE TO ROTATE ON THE RODS.

1. STAINLESS-STEEL GRILLE CURTAIN: ASTM A 666 OR ASTM A 2404, 240M, TYPE 300 SERIES.

B. BOTTOM BAR: MANUFACTURER'S STANDARD CONTINUOUS SHAPE UNLESS OTHERWISE INDICATED, FINISHED TO MATCH GRILLE.

1. ASTRAGAL EQUIP GRILLE BOTTOM BAR WITH A REPLACEABLE, ADJUSTABLE, CONTINUOUS, COMPRESSIBLE GASKET OF FLEXIBLE VINYL, RUBBER, OR NEOPRENE AS A CUSHION BUMPER.

2. PROVIDE MOTOR-OPERATED GRILLES WITH COMBINATION BOTTOM ASTRAGAL AND SENSOR EDGE.

C. GRILLE CURTAIN JAMB DEVICES: MANUFACTURER'S STANDARD SHAPE HAVING CURTAIN GROOVE WITH RETURN RIPS OR BARS TO RETAIN CURTAIN, PROVIDE CONTINUOUS INTEGRAL WEAR STRIPS TO PREVENT METAL-TO-METAL CONTACT AND TO MINIMIZE OPERATIONAL NOISE; WITH REMOVABLE STOPS ON GUIDES TO PREVENT OVERTRAVEL OF CURTAIN.

1. REMOVABLE POSTS AND JAMB GUIDES: MANUFACTURER'S STANDARD.

2.6 HOODS AND ACCESSORIES

A. GENERAL: FORM SHEET METAL HOOD TO ENTIRELY ENCLOSE COILED CURTAIN AND OPERATING MECHANISM AT OPENING HEAD, CONTOUR TO FIT END BRACKETS TO WHICH HOOD IS ATTACHED. ROLL AND REINFORCE TOP AND BOTTOM EDGES FOR STIFFNESS. FORM CLOSED ENDS FOR SURFACE-MOUNTED HOODS AND FASCIA FOR ANY PORTION OF BETWEEN-JAMB MOUNTING THAT PROJECTS BEYOND WALL FACE. EQUIP HOOD WITH INTERMEDIATE SUPPORT BRACKETS AS REQUIRED TO PREVENT SAGGING.

1. ALUMINUM: 0.040-INCH (1.03 MM) THICK ALUMINUM SHEET, COMPLYING WITH ASTM B 209 (ASTM B 209M), OF ALLOY AND TEMPER COMBINED BY MANUFACTURER AND FINISHER FOR TYPE AND FINISH INDICATED.

B. MOUNTING FRAME: MANUFACTURER'S STANDARD MOUNTING FRAME DESIGNED TO SUPPORT RITE: FACTORY FABRICATED FROM ASTM A 36/A 36M STRUCTURAL-STEEL TUBES OR SHAPES, HOT-DIP GALVANIZED PER ASTM A 123A (123M), FASTENED TO FLOOR AND STRUCTURE ABOVE GRILLE, TO BE BUILT INTO WALL CONSTRUCTION, AND TO PROVIDE ANCHORS, BRACKETS, AND FASTENERS.

C. PUSH-PULL HANDLES: EQUIP PUSH-UP-OPERATED OR EMERGENCY-OPERATED GRILLE WITH LIFTING HANDLES ON EACH SIDE OF GRILLE, FINISHED TO MATCH GRILLE.

D. POLE HOOKS: PROVIDE POLE HOOKS AND POLES FOR GRILLES MORE THAN 8 INCHES (213 MM) HIGH.

2.7 LOCKING DEVICES

A. SLIDE BOLT: FABRICATE WITH SIDE-LOCKING BOLTS TO ENGAGE THROUGH SLOTS IN TRACKS FOR LOCKING BY PADLOCK, LOCATED ON BOTH LEFT AND RIGHT JAMB SIDES, OPERABLE FROM COIL SIDE.

B. LOCKING DEVICE ASSEMBLY: FABRICATE WITH CYLINDER LOCK, SPRING-LOADED DEAD BOLT, OPERATING HANDLE, CAM PLATE, AND ADJUSTABLE LOCKING BARS TO ENGAGE THROUGH SLOTS IN TRACKS.

1. LOCK CYLINDERS: CYLINDERS SPECIFIED IN SECTION 08 71 00 "DOOR HARDWARE".

2. KEYS: THREE FOR EACH CYLINDER.

C. SAFETY INTERLOCK SWITCH: EQUIP POWER-OPERATED GRILLES WITH SAFETY INTERLOCK SWITCH TO DISENGAGE POWER SUPPLY WHEN GRILLE IS LOCKED.

2.8 COUNTERBALANCING MECHANISM

A. GENERAL: COUNTERBALANCE GRILLES BY MEANS OF MANUFACTURER'S STANDARD MECHANISM WITH AN ADJUSTABLE-TENSION, STEEL HELICAL TORSION SPRING MOUNTED ABOVE A STEEL SHAFT AND CONTAINED IN A SPRING BARREL CONNECTED TO TOP OF CURTAIN WITH BARREL RINGS, USE GRADE-SEALED BEARINGS OR SELF-LUBRICATING GRAPHITE BEARINGS FOR ROTATING MEMBERS.

B. COUNTERBALANCE BARREL: FABRICATE SPRING BARREL OF MANUFACTURER'S STANDARD HOT-FORMED, STRUCTURAL U-GALVE, SEAMLESS OR WELDED CARBON-STEEL PIPE, OF SUFFICIENT DIAMETER AND WALL THICKNESS TO SUPPORT ROLLED-UP CURTAIN WITHOUT DISTORTION OF PARTS AND TO LIMIT BARREL DEFLECTION TO NOT MORE THAN 0.03 IN./FT. (2.5 MM/M) OF SPAN UNDER FULL LOAD.

C. COUNTERBALANCE SPRING: ONE OR MORE OIL-TEMPERED, HEAT-TREATED STEEL HELICAL TORSION SPRINGS, SIZE SIZES TO COUNTERBALANCE WEIGHT OF CURTAIN, WITH UNIFORM ADJUSTMENT.

D. TORSION ROD FOR COUNTERBALANCE SHAFT: FABRICATE OF MANUFACTURER'S STANDARD COLD-ROLLED STEEL, SIZE TO HOLD FIVE SPRING ENDS AND CARRY TORSIONAL LOAD.

E. BRACKETS: MANUFACTURER'S STANDARD MOUNTING BRACKETS OF EITHER CAST IRON OR COLD-ROLLED STEEL PLATE.

2.9 ELECTRIC GRILLE OPERATORS

A. GENERAL: ELECTRIC GRILLE OPERATOR ASSEMBLY OF SIZE AND CAPACITY RECOMMENDED AND PROVIDED BY GRILLE MANUFACTURER FOR GRILLE AND OPERATION CYCLES REQUIREMENT SPECIFIED, WITH ELECTRIC MOTOR AND FACTORY-POWERED MOTOR CONTROLS, STARTER, GEAR-REDUCTION UNIT, SOLENOID-OPERATED BRAKE, CLUTCH, CONTROL STATIONS, CONTROL DEVICES, INTEGRAL GEARING FOR LOCKING GRILLE, AND ACCESSORIES REQUIRED FOR PROPER OPERATION.

1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS. PROVIDE PRODUCTS BY THE FOLLOWING:

a. CHAMBERLAIN GROUP, INC. (THE)

2. COMPLY WITH NFPA 70.

3. CONTROL EQUIPMENT COMPLYING WITH NEMA ICS 1, NEMA ICS 2, AND NEMA ICS 6, WITH NFPA 70 CLASS 2 CONTROL CIRCUIT, MAXIMUM 24-V AC OR DC.

B. USAGE CLASSIFICATION: ELECTRIC OPERATOR AND COMPONENTS CAPABLE OF OPERATING FOR NOT LESS THAN NUMBER OF CYCLES PER HOUR INDICATED FOR EACH GRILLE.

C. GRILLE OPERATOR LOCATIONS: OPERATOR LOCATION INDICATED FOR EACH GRILLE.

1. TOP-OF-HOOD MOUNTED: OPERATOR IS MOUNTED TO THE RIGHT OR LEFT GRILLE HEAD PLATE, WITH THE OPERATOR ON TOP OF THE GRILLE-HOOD ASSEMBLY AND CONNECTED TO THE GRILLE DRIVE SHAFT WITH DRIVE CHAIN AND SPROCKETS. HEADROOM IS REQUIRED FOR THIS TYPE OF MOUNTING.

2. FRONT-OF-HOOD MOUNTED: OPERATOR IS MOUNTED TO THE RIGHT OR LEFT GRILLE HEAD PLATE, WITH THE OPERATOR ON COIL SIDE OF THE GRILLE-HOOD ASSEMBLY AND CONNECTED TO THE GRILLE DRIVE SHAFT WITH DRIVE CHAIN AND SPROCKETS. FRONT CLEARANCE IS REQUIRED FOR THIS TYPE OF MOUNTING.

3. WALL MOUNTED: OPERATOR IS MOUNTED TO THE INSIDE FRONT WALL ON THE LEFT OR RIGHT SIDE OF GRILLE AND CONNECTED TO GRILLE DRIVE SHAFT WITH DRIVE CHAIN AND SPROCKETS. SIDE ROOM IS REQUIRED FOR THIS TYPE OF MOUNTING. WALL-MOUNTED OPERATOR CAN ALSO BE MOUNTED ABOVE OR BELOW SHAFT; IF ABOVE SHAFT, HEADROOM IS REQUIRED.

4. BENCH MOUNTED: OPERATOR IS MOUNTED TO THE RIGHT OR LEFT GRILLE HEAD PLATE AND CONNECTED TO THE GRILLE DRIVE SHAFT WITH DRIVE CHAIN AND SPROCKETS. SIDE ROOM IS REQUIRED FOR THIS TYPE OF MOUNTING.

5. THROUGH-WALL MOUNTED: OPERATOR IS MOUNTED ON OTHER SIDE OF WALL FROM COIL SIDE OF GRILLE.

D. MOTORS: REVERSIBLE TYPE MOTOR WITH CONTROLLER (DISCONNECT SWITCH) FOR MOTOR EXPOSURE INDICATED.

1. ELECTRICAL CHARACTERISTICS

a. PHASE: [SINGLE PHASE] [POLYPHASE].

b. VOLTS: [115] [208] [230] [460] -INSERT VALUE- V.

c. HERTZ: 60.

2. MOTOR SIZE: MINIMUM SIZE AS INDICATED; IF NOT INDICATED, LARGE ENOUGH TO START, ACCELERATE, AND OPERATE GRILLE IN EITHER DIRECTION FROM ANY POSITION, AT A SPEED NOT LESS THAN 8 IN./SEC. (203 MM) AND NOT MORE THAN 12 IN./SEC. (305 MM), WITHOUT EXCEEDING NAMEPLATE RATINGS OR SERVICE FACTOR.

3. OPERATING CONTROL: DISCONNECT SWITCHES, WIRING DEVICES, AND WIRING: MANUFACTURER'S STANDARD STANDARD PANE-UP REEL OR SELF-COILING DEVICE.

4. COORDINATE WIRING REQUIREMENTS AND ELECTRICAL CHARACTERISTICS OF MOTORS AND OTHER ELECTRICAL DEVICES WITH BUILDING ELECTRICAL SYSTEM AND EACH LOCATION WHERE INSTALLED.

E. LIMIT SWITCHES: EQUIP MOTORIZED GRILLE WITH ADJUSTABLE SWITCHES INTERLOCKED WITH MOTOR CONTROLS AND SET TO AUTOMATICALLY STOP GRILLE AT FULLY OPENED

FLUSH WOOD DOOR HARDWARE

SECTION 08 71 00 - DOOR HARDWARE

A. GENERAL

1. DOOR HARDWARE SCHEDULE: SUBMIT DOOR HARDWARE SCHEDULE PREPARED BY OR UNDER THE SUPERVISION OF DOOR HARDWARE SUPPLIER.

B. INSTALLER QUALIFICATIONS: AN EXPERIENCED INSTALLER WHO HAS COMPLETED DOOR HARDWARE SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WHOSE WORK HAS RESULTED IN COMPLIANCE WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.

C. SCHEDULING RESPONSIBILITY: DOOR HARDWARE SUPPLIER IS RESPONSIBLE FOR PREPARING DOOR HARDWARE AND KEYING SCHEDULES.

D. REGULATORY REQUIREMENTS

1. PROVIDE HARDWARE ITEMS COMPLYING WITH THE APPLICABLE PROVISIONS FOR ACCESSIBILITY AND USABILITY BY THE DISABLED AND HANDICAPPED IN COMPLIANCE WITH AMERICANS WITH DISABILITIES ACT (ADA), ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (AGAB), AND LOCAL REGULATIONS.

2. COMPLIANCE WITH APPLICABLE PROVISIONS FOR ACCESSIBILITY AND USABILITY BY THE DISABLED AND HANDICAPPED.

3. SPECIAL WARRANTY: WRITTEN WARRANTY, EXECUTED BY MANUFACTURER AGREEING TO REPAIR OR REPLACE COMPONENTS OF DOOR HARDWARE THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIODS. ITEMS WHICH INCLUDE, BUT ARE NOT LIMITED TO, FAULTY OPERATION OF DOOR HARDWARE, AND DETEIORATION OF METALS, METAL FINISHES, AND OTHER MATERIALS BEYOND NORMAL USE.

4. WARRANTY PERIOD FOR MANUAL LOCKS: TEN YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

5. WARRANTY FOR MORTISED MECHANICAL LOCK AND LATCHSETS: TEN YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

3. WARRANTY PERIOD FOR OTHER HARDWARE: TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

A. THE PRODUCTS OF THIS SPECIFICATION SECTION ARE TO BE PURCHASED FROM THE OWNER'S APPROVED DISTRIBUTORS FOR INSTALLATION BY THE CONTRACTOR.

B. SOURCE LIMITATIONS: OBTAIN EACH TYPE OF DOOR HARDWARE FROM A SINGLE MANUFACTURER, UNLESS OTHERWISE SPECIFIED.

C. MATERIALS: METALS: STEEL.

D. BUTT HINGES: STANDARD WEIGHT, BALL BEARING, 5 KNUCKLE, STEEL, COMPLYING WITH BHMA A156.1 1A812. COMPLY WITH THE FOLLOWING, UNLESS OTHERWISE INDICATED:

1. PROVIDE TWO HINGES FOR DOORS WITH HEIGHTS UP TO AND INCLUDING 60 INCHES.

2. PROVIDE THREE HINGES FOR DOORS WITH HEIGHTS OF GREATER THAN 60 INCHES TO AND INCLUDING 90 INCHES.

3. PROVIDE FOUR HINGES FOR DOORS WITH HEIGHTS GREATER THAN 90 INCHES TO AND INCLUDING 120 INCHES.

4. PROVIDE FOUR HINGES, PLUS ONE HINGE FOR EVERY 30 INCHES OF DOOR HEIGHT GREATER THAN 120 INCHES.

5. FINISH: MATCH LOCK AND LATCHSET FINISHES.

6. LOCKS AND LATCHSETS: HEAVY DUTY GRADE 1 MORTISE LOCKS WITH CAST LEVER AND ROSE TRIM TYPICALLY THROUGHOUT. HEAVY DUTY GRADE 1 CYLINDRICAL LOCKS WITH LEVER AND ROSE ONLY WHERE SCHEDULED. REMOVABLE CORES AND CORE CYLINDERS THROUGHOUT. FINISHES FOR LOCK AND LATCHSETS SHALL BE AS SPECIFIED.

7. PROVIDE CORES: OVERHEAD SURFACE APPLIED, CAST IRON BODY, TYPES MEETING BHMA A156.4 GRADE 1, PRIMED FOR PAINT (UP) ASIT. DOORS AND US260 SATIN CHROME PLATED AT WOOD DOORS WITH TRANSPARENT FINISH.

8. ACCESSORY HARDWARE ITEMS (FLOOR AND WALL STOPS, HOLDERS, FLUSHBOLTS, DUSTPROOF STRIKES, PUSH PLATES AND PULLS, KICK AND ARMOR PLATES, HOLD OPEN DEVICES, ETC.): MATCH LOCK AND LATCH SET FINISHES.

9. FINISHES

A. MANUFACTURER'S NAMEPLATE: PROVIDE EACH DOOR HARDWARE ITEM WITHOUT EXPOSED MANUFACTURER'S LABELS, NAMES, OR DESIGNS.

B. FASTENERS: PROVIDE DOOR HARDWARE MANUFACTURED TO COMPLY WITH PUBLISHED TEMPLATES.

C. FINISHES: PROVIDE FINISHES FOR MACHINE, WOOD, AND SHEET METAL. PROVIDE FINISHES ACCORDING TO MANUFACTURER'S RECOMMENDATIONS FOR APPLICATION INTENDED. PROVIDE PHILLIPS ALL-OVERHEAD SCREWS WITH FINISHED HEADS TO MATCH SURFACE OF DOOR HARDWARE ITEM BEING ATTACHED. MACHINE SCREWS AND EXPANSION SHELLS SHALL BE USED FOR ATTACHING HARDWARE TO CONCRETE AND MASONRY. THROUGH BOLTS FOR RENOVATION WORK ONLY, WHERE EXISTING DOOR BLOCKING AND REINFORCEMENTS ARE UNKNOWN.

1. CONCEALED FASTENERS: ALL NEW DOORS AND DOOR FRAMES HAVE BEEN SPECIFIED WITH ADEQUATE BLOCKING AND REINFORCEMENT. FASTENERS TO BE USED FOR NEW DOORS SHALL BE 1/2" LONG, TWO OF HARDWARE ITEMS. DOORS INSTALLED WITH EXPOSED THROUGH BOLTS WILL BE REJECTED AND REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER, WHERE THROUGH BOLTS ARE USED ON EXISTING DOORS, PROVIDE SLEEVES FOR EACH THROUGHOUT.

PART 3 - EXECUTION

A. MOUNT DOOR HARDWARE UNITS AT THE FOLLOWING HEIGHTS, UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS OR REQUIRED TO COMPLY WITH GOVERNING REGULATIONS.

1. LOCKS AND LATCHES: 36 INCHES TO BOTTOM OF LOWEST HINGE OR OVER FROM FINISH FLOOR.

2. BUTT HINGES: 10 INCHES TO BOTTOM OF LOWEST HINGE FROM FINISH FLOOR; 5 INCHES TO TOP OF UPPER HINGE FROM TOP OF DOOR; SPACE INTERMEDIATE HINGES EQUALLY BETWEEN LOWER AND UPPER HINGES.

B. CLEAN HARDWARE SURFACES SOILED BY DOOR HARDWARE INSTALLATION. CLEAN HARDWARE COMPONENTS AS NECESSARY TO RESTORE PROPER FINISH. PROVIDE PROTECTION DURING THE PROGRESS OF THE WORK AND MAINTAIN CONDITIONS THAT ENSURE DOOR HARDWARE IS IN PERFECT WORKING ORDER AND WITHOUT DAMAGE OR DETEIORATION AT TIME OF SUBSTANTIAL COMPLETION.

END OF SECTION 08 71 00

GLAZING

SECTION 08 80 00 - GLAZING

A. GENERAL

1. SAFETY AND SECURITY GLASS: COMPLY WITH THE APPLICABLE REQUIREMENTS OF THE LAWS, CODES, ORDINANCES AND REGULATIONS OF FEDERAL AND MUNICIPAL AUTHORITIES HAVING JURISDICTION, WHEREVER REQUIREMENTS CONFLICT THE MORE STRINGENT SHALL BE REQUIRED. OBTAIN APPROVALS FROM ALL SUCH AUTHORITIES. AS A MINIMUM, PROVIDE CATEGORY 1 MATERIALS COMPLYING WITH TESTING REQUIREMENTS IN 16 CFR 1201 FOR CONSUMER PROTECTION. PROVIDE AN ANTI-FORMATION SAFETY STANDARD FOR CATEGORY 1 GLAZING MATERIALS." AS PUBLISHED IN THE CODE OF FEDERAL REGULATIONS AND ANSI Z97.1.

2. GLAZING PUBLICATIONS: COMPLY WITH PUBLISHED RECOMMENDATIONS OF GLASS PRODUCT MANUFACTURERS. GLAZING CONTRACTORS SHALL PROVIDE A FINISHED GLASS DESIGN GUIDE. UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED, REFER TO THESE PUBLICATIONS FOR GLAZING TERMS NOT OTHERWISE DEFINED IN THIS SECTION OR IN REFERENCED STANDARDS.

3. HEAT SOAKED TEMPERED GLASS: MANUFACTURER. SUBMIT A FIVE-YEAR WRITTEN WARRANTY, BEGINNING FROM DATE OF MANUFACTURE, GUARANTEEING THE GLASS AGAINST CRACKING, MANUFACTURER AND THE GLASS INSTALLER AGREE TO REPLACE GLASS UNITS THAT SPONTANEOUSLY BREAK AS A RESULT OF NICKEL SUTURE (NS) INCLUSIONS WITHIN THE SPECIFIED WARRANTY PERIOD WITHOUT MATERIAL OR LABOR CHARGES TO THE OWNER.

B. PRODUCTS

1. GLASS DESIGN: GLASS THICKNESSES AND HEAT TREATMENTS INDICATED ARE MINIMUM REQUIREMENTS. PROVIDE DETAILS SHOWN FOR CONVENIENCE OF DETAILING ALL UNITS AND ARE NOT TO BE CONSIDERED AS SUCH THAT THE CENTER OF GLASS DEFLECTION AT A FULL LOAD, PRESSURE OF 5 PSF IN A DIRECTION NORMAL TO THE PLANE OF THE WALL SHALL NOT EXCEED 1/2 INCH. CONFIRM GLASS THICKNESSES AND HEAT TREATMENTS ARE REQUIRED TO MEET THE PERFORMANCE REQUIREMENTS AND SAFETY GLASS REQUIREMENTS.

2. GLASS CLASS: ASTM C 1036, TYPE 1, QUALITY-C3, CLASS 1 (CLEAR) SELECT GLAZING, UNLESS OTHERWISE INDICATED. GLASS TO BE ORDERED IN FINISH SCHEDULE.

3. ULTRACLEAR FLOAT GLASS: ASTM C 1036, TYPE 1, QUALITY-C3, CLASS 1, COMPLYING WITH OTHER REQUIREMENTS SPECIFIED AND WITH VISIBLE LIGHT TRANSMISSION NOT LESS THAN 91 PERCENT.

4. PPG INDUSTRIES, INC., STARPHIRE.

5. AGC ASahi GLASS CO. LTD., KYRIKLEAR.

6. GUARDIAN INDUSTRIES CORP., ULTRAWHITE.

7. PLIKINGTON NORTH AMERICA, OPTIWHITE.

8. TREATED FLOAT GLASS: ASTM C 1048, TYPE 1, QUALITY-C3, CLASS 1 (CLEAR) UNLESS OTHERWISE INDICATED.

1. FULLY TEMPERED GLASS: ASTM C 1068, 108 IN. FT. AND MEETING THE REQUIREMENTS OF ANSI Z97.1. SURFACE COMPRESSION SHALL BE EQUAL TO OR GREATER THAN 10,000 PSI. AFTER TEMPERING, HEAT SOAKING SHALL BE 100 PERCENT OF THE GLASS SURFACE. HEAT SOAKING SHALL BE 100 PERCENT OF THE GLASS SURFACE TO ELIMINATE INCLUSION RELATED GLASS BREAKAGE. STATISTICAL HEAT SOAKING SHALL NOT BE PERMITTED. PROVIDE LABEL ON SAFETY GLAZING.

2. LAMINATE GLASS: ASTM A 1122, AND COMPLYING WITH TESTING REQUIREMENTS IN 16 CFR 1201 FOR CATEGORY 1 MATERIALS, AND WITH OTHER REQUIREMENTS SPECIFIED. USE MATERIALS THAT HAVE A PROVEN RECORD OF NO TENDENCY TO BUBBLE, DISCOLOR, OR LOSE PHYSICAL AND MECHANICAL PROPERTIES AFTER FABRICATION AND INSTALLATION. LAMINATE GLASS WITH 0.080-INCH THICK, CLEAR, POLYVINYL BUTIRAL (PVB) INTERLAYER. PROVIDE LABEL ON SAFETY GLAZING.

F. FABRICATION OF GLASS AND OTHER GLAZING PRODUCTS: FABRICATE GLASS AND OTHER GLAZING PRODUCTS IN SIZES REQUIRED TO GLAZE OPENINGS INDICATED FOR PROJECT, WITH EDGE AND FACE CLEARANCES, EDGE AND CORNER CONDITIONS, AND FINISHES AS SPECIFIED BY THE ARCHITECT, IN ACCORDANCE WITH MANUFACTURER AND REFERENCED GLAZING STANDARD, TO COMPLY WITH SYSTEM PERFORMANCE REQUIREMENTS.

G. SURFACE AND FINISH CONDITIONS: COMPLY WITH THE RECOMMENDATIONS OF AAMA "STRUCTURAL PROPERTIES OF GLASS" FOR "CLEAN CUT" EDGES, EXCEPT COMPLY WITH MANUFACTURER'S RECOMMENDATIONS WHEN THEY ARE AT VARIANCE THEREWITH.

2. EXPOSED EDGES: MACHINE GRIND AND FLAT POLISHED.

3. BUTT EDGES: FLAT GRIND.

4. CORNER EDGES: LAP-JOINT CORNERS WITH EXPOSED EDGES POLISHED.

H. EXECUTION

1. COMPLY WITH THE FOLLOWING WRITTEN INSTRUCTIONS OF MANUFACTURERS OF GLASS, SEALANTS, GASKETS, AND OTHER GLAZING MATERIALS, UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED, INCLUDING THOSE IN REFERENCED GLAZING PUBLICATIONS.

INSTALL GLASS UNITS IN ACCORDANCE WITH THE GLASS MANUFACTURER'S RECOMMENDATIONS.

1. MOUNT THE SURFACES TO BE GLAZED INTERIOR MONOLITHIC GLASS UNITS ON BOTH SIDES OF THE JOINTS TO BE GLAZED. PROVIDE WOOD DOWEL WITH A DIAMETER OF AT LEAST THREE TIMES THAT OF THE JOINT WIDTH, WRAPPED IN POLYETHYLENE TAPE, AND FIRMLY TAPPED TO INTERIOR FACE OF GLASS UNIT TO BE GLAZED TO ACT AS A GUIDE FOR THE GLAZING. PROVIDE A 1/4" MINIMUM GAP BETWEEN THE JOINTS AND SEALANT SLIGHTLY CONCAVE USING EXTREME CARE NOT TO CHIP OR OTHERWISE ABRASE CORNERS OF GLASS. ALLOW SEALANT TO FULLY CURE BEFORE REMOVING DOWEL.

2. REMOVE AND REPLACE GLASS THAT IS BROKEN, CRACKED, CHIPPED, ABRADED, OR DAMAGED IN ANY WAY FROM ANY SOURCE.

3. WASH GLASS ON BOTH EXPOSED SURFACES IN EACH AREA OF PROJECT NOT MORE THAN FOUR DAYS BEFORE DATE SCHEDULED FOR INSPECTIONS THAT ESTABLISH DATE OF SUBSTANTIAL COMPLETION. WASH GLASS AND FILM MANUFACTURER.

END OF SECTION 08 80 00

GENERAL NOTES

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY & CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT

edicon
CONSTRUCTION & CONSULTING

RAW BY: EDICON

CHECKED BY: xg

LOCAL ARCHITECT

SHEET NAME:	SHEET NUMBER:
SPECIFICATIONS	A 10.06

DECORATIVE GLASS GLAZING

SECTION 08 81 13 - DECORATIVE GLASS GLAZING

PART 1 - GENERAL

1.1 DEFINITIONS

A. MANUFACTURER IS USED IN THIS SECTION TO REFER TO A FIRM THAT PRODUCES PRIMARY GLASS OR FABRICATED GLASS AS DEFINED IN THE REFERENCED GLAZING STANDARD.

B. DETEIORATION OF LAMINATED GLASS: DEFECTS DEVELOPING FROM NORMAL USE THAT ARE ATTRIBUTED TO THE MANUFACTURING PROCESS AND NOT TO CAUSES OTHER THAN GLASS BREAKAGE AND PRACTICES FOR MAINTAINING AND CLEANING LAMINATED GLASS CONTRARY TO MANUFACTURER'S DIRECTIONS. DEFECTS INCLUDE EDGE SEPARATION, DELAMINATION MATERIALLY OBSTRUCTING VISION THROUGH GLASS, AND BLEMISHES EXCEEDING THOSE ALLOWED BY REFERENCED LAMINATED GLASS STANDARD.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH PRODUCT SPECIFIED.

B. SHOP DRAWINGS: INCLUDE DESIGN AND PATTERN LOCATION FOR EACH DECORATIVE GLASS UNIT. INCLUDE SIZE AND LOCATION OF PENETRATIONS AND GLAZING METHOD.

C. SAMPLES: FOR EACH TYPE OF DECORATIVE GLASS AND IN EACH COLOR AND TEXTURE REQUIRED. PREPARE SAMPLES FROM SAME MATERIAL TO BE USED FOR THE WORK.

D. PRODUCT CERTIFICATIONS SIGNED BY MANUFACTURERS OF DECORATIVE GLASS CERTIFYING THAT THEIR PRODUCTS COMPLY WITH SPECIFIED REQUIREMENTS.

1. SEPARATE CERTIFICATIONS ARE NOT REQUIRED FOR GLAZING MATERIALS BEARING MANUFACTURER'S PERMANENT LABELS DESIGNATING TYPE AND THICKNESS OF GLASS. PROVIDED LABELS REPRESENT A QUALITY-CONTROL PROGRAM OF A RECOGNIZED CERTIFICATION AGENCY OR AN INDEPENDENT TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.

E. SEALANT COMPATIBILITY AND ADHESION TEST REPORTS FROM SEALANT MANUFACTURER INDICATING THAT GLAZING MATERIALS HAVE BEEN TESTED FOR COMPATIBILITY AND ADHESION WITH GLAZING SEALANTS; INCLUDE SEALANT MANUFACTURER'S INTERPRETATION OF TEST RESULTS RELATIVE TO SEALANT PERFORMANCE AND RECOMMENDATIONS FOR PRIMERS AND SUBSTRATE PREPARATION NEEDED TO OBTAIN ADHESION.

F. PRODUCT TEST REPORTS FOR EACH TYPE OF GLAZING SEALANT INDICATED, EVIDENCING COMPLIANCE WITH REQUIREMENTS SPECIFIED.

G. WARRANTY: SPECIAL WARRANTY SPECIFIED IN THIS SECTION.

1.3 QUALITY ASSURANCE

A. GLAZING PUBLICATIONS: COMPLY WITH PUBLISHED RECOMMENDATIONS OF PRODUCT MANUFACTURERS AND ORGANIZATIONS BELOW, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED.

1. FGMA PUBLICATION: "FGMA GLAZING MANUAL."

2. FGMA PUBLICATION: "FGMA SEALANT MANUAL."

3. LSGA PUBLICATION: "LSGA DESIGN GUIDE."

B. SAFETY GLASS: PRODUCTS COMPLYING WITH TESTING REQUIREMENTS OF CPSC 16 CFR, PART 1201 FOR CATEGORY I AND II MATERIALS.

1.4 WARRANTY

A. SPECIAL WARRANTY: WRITTEN WARRANTY, EXECUTED BY MANUFACTURER AGREEING TO REPAIR OR REPLACE DECORATIVE GLASS UNITS THAT FAIL IN MATERIALS AND WORKMANSHIP OR DETERIORATE WITHIN FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION. WARRANTY COVERS ONLY DETERIORATION DUE TO NORMAL CONDITIONS OF USE AND NOT TO HANDLING, INSTALLING, AND CLEANING PRACTICES CONTRARY TO DECORATIVE GLASS MANUFACTURER'S PUBLISHED INSTRUCTIONS.

B. BACK-PAINTED GLASS WARRANTY: PROVIDE A MINIMUM 10-YEAR MANUFACTURER'S LIMITED WARRANTY TO COVER COLOR-COATING AGAINST PEELING, CRACKING, DELAMINATION OR DISCOLORATION.

PART 2 - PRODUCTS

2.1 PRODUCTS

A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.

B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.

2.2 GLAZING SEALANTS

A. GENERAL: PROVIDE MANUFACTURER'S STANDARD SEALANT OF FORMULATION INDICATED THAT IS RECOMMENDED FOR EXPOSED INTERIOR APPLICATIONS, COMPLYING WITH THE FOLLOWING REQUIREMENTS:

1. COMPATIBILITY: SELECT SEALANTS THAT PROVIDE COMPATIBILITY WITH OTHER MATERIALS THEY WILL CONTACT, INCLUDING GLASS PRODUCTS AND GLAZING CHANNEL SUBSTRATES, UNDER CONDITIONS OF INSTALLATION AND SERVICE, AS DEMONSTRATED BY TESTING AND FIELD EXPERIENCE.

2. SUITABILITY: COMPLY WITH SEALANT AND GLASS MANUFACTURER'S RECOMMENDATIONS FOR SELECTING GLAZING SEALANTS THAT ARE SUITABLE FOR APPLICATIONS INDICATED AND CONDITIONS EXISTING AT TIME OF INSTALLATION.

3. COLORS: PROVIDE COLOR OR EXPOSED JOINT SEALANTS AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE OF STANDARD COLORS.

B. LATEX SEALANT: ONE-PART, NONSAG, MILDEW-RESISTANT, PAINTABLE LATEX SEALANT COMPLYING WITH ASTM C 884.

C. SILICONE SEALANT: ONE-PART, MEDIUM MODULUS, NEUTRAL-CURING SILICONE: ASTM C 920; TYPE S; GRADE NS, CLASS 25, USE NT, TRANSLUCENT COLOR. PROVIDE ONE OF THE FOLLOWING:

1. 750 H.P., DOW CORNING.

2. SIL GLAZE II, GE SILICONES.

3. 886, PECOORA CORPORATION.

D. SILICONE ADHESIVE FOR BACK-PAINTED GLASS: DECORATIVE COLOR-COATED GLASS MAY BE MOUNTED USING AN ALKOXY NEUTRAL CURE SILICONE ADHESIVE. ACETOXY CURE SILICONES MUST NOT BE UTILIZED. APPROVED PRODUCTS ARE:

1. DOW CORNING 995.

2. DOW CORNING 795.

3. GE SIL GLAZE II.

4. GE SILPRIZ.

E. SILICONE SEAM SEALANT FOR BACK-PAINTED GLASS: APPROVED PRODUCTS ARE:

1. CRL 408RTY (NEUTRAL CURE SILICONE).

2. SOMACA 55NC.

3. BOSS 330.

2.3 MISCELLANEOUS GLAZING MATERIALS

A. GENERAL: PROVIDE PRODUCTS OF MATERIAL, SIZE, AND SHAPE COMPLYING WITH REFERENCED GLAZING STANDARD, REQUIREMENTS OF MANUFACTURERS OF GLASS AND OTHER GLAZING MATERIALS INVOLVED FOR GLAZING APPLICATION INDICATED, AND WITH A PROVEN RECORD OF COMPATIBILITY WITH SURFACES CONTACTED IN INSTALLATION.

B. CLEANERS, PRIMERS, AND SEALERS: TYPE RECOMMENDED BY SEALANT OR GASKET MANUFACTURER.

C. SETTING BLOCKS: ELASTOMERIC MATERIAL COMPLYING WITH ASTM C 884 WITH A SHORE A DUROMETER HARDNESS OF 85 PLUS OR MINUS 5.

D. SPACERS: ELASTOMERIC BLOCKS OR CONTINUOUS EXTRUSIONS COMPLYING WITH ASTM C 884 WITH A SHORE A DUROMETER HARDNESS REQUIRED BY GLASS MANUFACTURER TO MAINTAIN GLASS LITES IN PLACE FOR INSTALLATION INDICATED.

E. EDGE BLOCKS: ELASTOMERIC MATERIAL OF HARDNESS NEEDED TO LIMIT GLASS LATERAL MOVEMENT.

F. PLASTIC-FOAM JOINT FILLERS: PREFORMED, COMPRESSIBLE, RESILIENT, NONSTAINING, NONEXTRUDING, NONOUTGASSING STRIPS OF CLOSED-CELL PLASTIC FOAM OF DENSITY, SIZE, AND SHAPE TO CONTROL SEALANT DEPTH AND OTHERWISE CONTRIBUTE TO PRODUCE OPTIMUM SEALANT PERFORMANCE.

2.4 FABRICATION OF GLASS AND OTHER GLAZING PRODUCTS

A. FABRICATE DECORATIVE GLASS AND OTHER GLAZING PRODUCTS IN SIZES REQUIRED TO GLAZE OPENINGS INDICATED FOR PROJECT, WITH EDGE AND FACE CLEARANCES, EDGE AND SURFACE CONDITIONS, AND BITE COMPLYING WITH RECOMMENDATIONS OF PRODUCT MANUFACTURER AND REFERENCED GLAZING STANDARD.

B. CLEAN CUT OR FLAT GRIND VERTICAL EDGES OF BUTT-GLAZED LITES IN A MANNER THAT PRODUCES SQUARE EDGES WITH SLIGHT KERFS.

PART 3 - EXECUTION

3.1 GLAZING, GENERAL

A. EXAMINE GLASS FRAMING, WITH GLAZIER PRESENT, FOR COMPLIANCE WITH THE FOLLOWING:

1. MANUFACTURING AND INSTALLATION TOLERANCES, INCLUDING THOSE FOR SIZE, SQUARENESS, AND OFFSETS AT CORNERS.

2. MINIMUM REQUIRED FACE OR EDGE CLEARANCES.

B. DO NOT PROCEED WITH GLAZING UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

C. CLEAN GLAZING CHANNELS AND OTHER FRAMING MEMBERS RECEIVING GLASS IMMEDIATELY BEFORE GLAZING. REMOVE COATINGS THAT ARE NOT FIRMLY BONDED TO SUBSTRATES.

D. COMPLY WITH COMBINED RECOMMENDATIONS OF MANUFACTURERS OF GLASS, SEALANTS, AND OTHER GLAZING MATERIALS, EXCEPT WHERE MORE STRINGENT REQUIREMENTS ARE INDICATED, INCLUDING THOSE IN REFERENCED GLAZING PUBLICATIONS.

E. GLAZING CHANNEL DIMENSIONS AS INDICATED ON DRAWINGS PROVIDE NECESSARY BITE ON GLASS, MINIMUM EDGE AND FACE CLEARANCES, AND ADEQUATE SEALANT THICKNESSES, WITH REASONABLE TOLERANCES. ADJUST AS REQUIRED BY PROJECT CONDITIONS DURING INSTALLATION.

F. PROTECT GLASS FROM EDGE DAMAGE DURING HANDLING AND INSTALLATION AS FOLLOWS:

1. USE A ROLLING BLOCK IN ROTATING GLASS UNITS TO PREVENT DAMAGE TO GLASS CORNERS. DO NOT IMPACT GLASS WITH METAL FRAMING. USE SUCTION CUPS TO SHIFT GLASS UNITS WITHIN OPENINGS; DO NOT RAISE OR DRIFT GLASS WITH A PRY BAR.

2. REMOVE DAMAGED GLASS FROM PROJECT SITE AND LEGALLY DISPOSE OF OFF-SITE. DAMAGED GLASS IS GLASS WITH EDGE DAMAGE OR OTHER IMPERFECTIONS THAT, WHEN INSTALLED, WEAKEN GLASS AND IMPAIR PERFORMANCE AND APPEARANCE.

G. PROVIDE SPACERS AS FOLLOWS:

1. LOCATE SPACERS INSIDE, OUTSIDE, AND DIRECTLY OPPOSITE EACH OTHER. INSTALL CORRECT SIZE AND SPACING TO PRESERVE REQUIRED FACE CLEARANCES.

2. PROVIDE NOT LESS THAN 1/8 INCH (3 MM) BITE OF SPACERS ON GLASS AND USE THICKNESS EQUAL TO SEALANT WIDTH.

H. SET DECORATIVE GLASS LITES IN EACH SERIES WITH UNIFORM PATTERN, DRAW, BOW, AND SIMILAR CHARACTERISTICS.

1. REFER TO SECTION 08 83 00 "MIRRORS" FOR INSTALLATION OF BACK-PAINTED GLASS.

3.2 SEALANT GLAZING

A. INSTALL CONTINUOUS SPACERS BETWEEN GLASS LITES AND GLAZING STOPS TO MAINTAIN GLASS-FACE CLEARANCE. SECURE SPACERS IN PLACE AND IN POSITION TO CONTROL DEPTH OF INSTALLED SEALANT RELATIVE TO EDGE CLEARANCE FOR OPTIMUM SEALANT PERFORMANCE.

B. FORCE SEALANTS INTO GLAZING CHANNELS TO ELIMINATE VOIDS AND TO ENSURE COMPLETE WETTING OR BOND OF SEALANT TO GLASS AND CHANNEL SURFACES.

C. TOOL EXPOSED SURFACES SMOOTH.

3.3 CLEANING AND PROTECTION

A. PROTECT GLASS FROM BREAKAGE IMMEDIATELY AFTER INSTALLATION BY ATTACHING CROSSED STREAMERS TO FRAMING HELD AWAY FROM GLASS. DO NOT APPLY MARKERS TO GLASS SURFACE. REMOVE NONPERMANENT LABELS, AND CLEAN SURFACES.

B. PROTECT GLASS FROM CONTACT WITH CONTAMINATING SUBSTANCES RESULTING FROM CONSTRUCTION OPERATIONS. IF, DESPITE SUCH PROTECTION, CONTAMINATING SUBSTANCES DO COME INTO CONTACT WITH GLASS, REMOVE THEM IMMEDIATELY AS RECOMMENDED BY GLASS MANUFACTURER.

C. REMOVE AND REPLACE GLASS THAT IS BROKEN, CHIPPED, CRACKED, ABRADED, OR DAMAGED IN ANY WAY, INCLUDING BY NATURAL CAUSES, ACCIDENTS, AND VANDALISM, DURING CONSTRUCTION PERIOD.

D. WASH GLASS ON BOTH FACES IN EACH AREA OF PROJECT NOT MORE THAN 4 DAYS PRIOR TO DATE SCHEDULED FOR INSPECTIONS THAT ESTABLISH DATE OF SUBSTANTIAL COMPLETION. WASH GLASS AS RECOMMENDED BY GLASS MANUFACTURER.

END OF SECTION 08 81 13

NON-STRUCTURAL METAL FRAMING

SECTION 09 22 16 - NON-STRUCTURAL METAL FRAMING

PART 1 - GENERAL

1.1 ENVIRONMENTAL CONDITIONS: COMPLY WITH ASTM C 840 REQUIREMENTS OR GYPSUM BOARD MANUFACTURER'S WRITTEN RECOMMENDATIONS, WHICHEVER ARE MORE STRINGENT.

B. SUBMITTALS

1. SECURITY MESH: SUBMIT PRODUCT DATA AND THREE 8-INCH SQUARE SAMPLES OF SECURITY MESH.

2. SECURITY MESH FASTENERS: SUBMIT PRODUCT DATA SHEET AND SIX SAMPLE CLIPS.

PART 2 - PRODUCTS

A. PERFORMANCE REQUIREMENTS

1. GYPSUM BOARD ASSEMBLY DEFLECTIONS:

a. TYPICAL WALLS: WALL ASSEMBLIES SHALL BE CONSTRUCTED FOR DEFLECTION NOT TO EXCEED 1/240 OF THE WALL HEIGHT WHEN SUBJECTED TO A POSITIVE AND NEGATIVE PRESSURE OF 5 PSF.

b. WALLS WITH TILE FINISH: WALL ASSEMBLIES TO RECEIVE TILE FINISHES SHALL BE CONSTRUCTED FOR DEFLECTION NOT TO EXCEED 1/360 OF THE WALL HEIGHT WHEN SUBJECTED TO A POSITIVE AND NEGATIVE PRESSURE OF 5 PSF.

c. CEILINGS, BULKHEADS, SOFFITS, CEILING TRANSITIONS, LEDGES, AND COVES SHALL BE CONSTRUCTED FOR A DEFLECTION NOT TO EXCEED 1/360 OF THE DISTANCE BETWEEN SUPPORTS.

d. IN AREAS WHERE TOP OF PARTITIONS ARE DEPENDENT ON CEILING SYSTEM FOR LATERAL SUPPORT, COORDINATE DESIGN AND INSTALLATION TO COMPLY WITH THE ABOVE DEFLECTION LIMITATION.

EXECUTION

A. REMOVE FIRE-RESISTIVE MATERIALS ONLY TO EXTENT NECESSARY FOR INSTALLATION OF THE NON-STRUCTURAL METAL FRAMING AND WITHOUT REDUCING THE FIRE-RESISTIVE MATERIAL THICKNESS BELOW THAT WHICH IS REQUIRED TO OBTAIN FIRE-RESISTANCE RATING INDICATED. PROTECT REMAINING FIRE-RESISTIVE MATERIALS FROM DAMAGE.

B. INSTALL ACCORDING TO ASTM C 754. ALSO COMPLY WITH REQUIREMENTS IN ASTM C 840 THAT APPLY TO FRAMING INSTALLATION FOR GYPSUM BOARD ASSEMBLIES.

C. INSTALL SUPPLEMENTARY FRAMING, BLOCKING, BACKER PLATES AND BRACING AT LOCATIONS IN GYPSUM BOARD ASSEMBLIES WHICH ARE INDICATED TO SUPPORT FIXTURES, EQUIPMENT SERVICES, HEAVY TRIM, GRAB BARS, TOILET ACCESSORIES, FURNISHINGS, OR SIMILAR CONSTRUCTION. COMPLY WITH DETAILS INDICATED AND WITH GYPSUM BOARD MANUFACTURER'S WRITTEN RECOMMENDATIONS OR, IF NONE AVAILABLE, WITH UNITED STATES GYPSUM'S "GYPSUM CONSTRUCTION HANDBOOK."

D. INSTALL BRACING AT TERMINATIONS IN ASSEMBLIES.

E. DO NOT BRIDGE BUILDING CONTROL AND EXPANSION JOINTS WITH NON-LOAD-BEARING STEEL FRAMING MEMBERS. FRAME BOTH SIDES OF JOINTS INDEPENDENTLY.

F. INSTALL STEEL FRAMING TO COMPLY WITH GA-600, ASTM C 754, ASTM C 840 AND THE GYPSUM BOARD MANUFACTURER'S RECOMMENDATIONS. WHERE STANDARDS CONFLICT THE MORE STRINGENT SHALL APPLY.

1. INSTALL EACH STEEL FRAMING AND FURRING MEMBER SO FASTENING SURFACES VARY NOT MORE THAN 1/8 INCH FROM THE PLANE FORMED BY THE FACES OF ADJACENT FRAMING.

2. INSTALL BACKER PLATES FOR SUPPORT OF WALL MOUNTED ITEMS.

3. WHERE PARTITIONS ABUT EXTERIOR WALL WINDOW MULLIONS, AND PARTITION FILLER PANELS ARE NOT INDICATED, ADHESIVELY ATTACH ISOLATION STRIPS TO WINDOW MULLIONS. CENTER ISOLATION STRIPS ON MULLION TO FORM A CONTINUOUS, SOUND RESISTANT AND LIGHTPROOF, RECESSED JOINT SEAL FOR THE ENTIRE LENGTH OF THE INTERFACE BETWEEN THE PARTITION STUDS AND TRIM MEMBERS AND THE VERTICAL WINDOW MULLIONS.

G. SUSPEND CEILING HANGERS PLUMB AND FREE FROM CONTACT WITH INSULATION OR OTHER OBJECTS WITHIN CEILING PLENUM THAT ARE NOT PART OF SUPPORTING STRUCTURAL OR CEILING SUSPENSION SYSTEM. SPAY HANGERS ONLY WHERE REQUIRED TO MISS OBSTRUCTIONS AND OFFSET RESULTING HORIZONTAL FORCES BY BRACING, COUNTERSPLAYING, OR OTHER EQUALLY EFFECTIVE MEANS. INSTALL STEEL FRAMING COMPONENTS FOR SUSPENDING CEILINGS SO MEMBERS FOR PANEL ATTACHMENT ARE LEVEL TO WITHIN 1/8 INCH IN 12 FEET MEASURED LENGTHWISE ON EACH MEMBER AND TRANSVERSELY BETWEEN PARALLEL MEMBERS.

H. ATTACH PERIMETER WALL TRACK OR ANGLE WHERE CEILING GRID SUSPENSION SYSTEM MEETS VERTICAL SURFACES. MECHANICALLY JOIN MAIN BEAM AND CROSS-FURRING MEMBERS TO EACH OTHER AND BUTT-CUT TO FIT INTO WALL TRACK.

END OF SECTION 09 22 16

GYPSUM BOARD

SECTION 09 29 00 - GYPSUM BOARD

PART 1 - GENERAL

A. ENVIRONMENTAL CONDITIONS: COMPLY WITH ASTM C 840 REQUIREMENTS OR GYPSUM BOARD MANUFACTURER'S WRITTEN RECOMMENDATIONS, WHICHEVER ARE MORE STRINGENT.

B. SUBMITTALS

1. SECURITY MESH: SUBMIT PRODUCT DATA AND THREE 8-INCH SQUARE SAMPLES OF SECURITY MESH.

2. SECURITY MESH FASTENERS: SUBMIT PRODUCT DATA SHEET AND SIX SAMPLE CLIPS.

PART 2 - PRODUCTS

A. PERFORMANCE REQUIREMENTS

1. FIRE-RESISTANCE-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED ACCORDING TO ASTM E 119 BY AN INDEPENDENT TESTING AGENCY.

2. STC-RATED ASSEMBLIES: PROVIDE MATERIALS AND CONSTRUCTION IDENTICAL TO THOSE TESTED IN ASSEMBLY INDICATED, ACCORDING TO ASTM E 90 AND CLASSIFIED ACCORDING TO ASTM E 413 BY AN INDEPENDENT TESTING AGENCY. STC-RATED ASSEMBLIES ARE INDICATED BY DESIGN DESIGNATIONS FROM GA-600, "FIRE RESISTANCE DESIGN MANUAL."

B. GYPSUM BOARD FOR WALL, SOFFIT, AND CEILING SURFACES: ASTM C 1396/C 1396M, TYPE X; 5/8 INCH THICK, LONG EDGES TAPERED.

C. FLEXIBLE GYPSUM BOARD FOR CURVED SURFACES: ASTM C 1396/C 1396M, 1/4 INCH THICK, LONG EDGES TAPERED; MANUFACTURED TO BEND TO FIT TIGHT RADI AND TO BE MORE FLEXIBLE THAN STANDARD REGULAR-TYPE PANELS OF THE SAME THICKNESS. APPLY IN DOUBLE LAYER AT CURVED SURFACES.

D. TILE BACKING PANELS:

1. GLASS-MAT, WATER-RESISTANT BACKING BOARD: ASTM C 1178/C 1178M, WITH CORE TYPE INDICATED, 5/8 INCH THICKNESS.

2. CEMENTITIOUS BACKER UNITS FOR INSTALLATION OF GLASS TILE: ANSI A118.9, 1/2 INCH THICKNESS.

E. SECURITY MESH: CARBON STEEL FLATTENED STYLE A5M 0.05-INCH 13F. S/WO NOT TO EXCEED 0.265-INCH, L/WO NOT TO EXCEED 1.8-INCH. INCLUDE FASTENERS.

1. MANUFACTURER: AMCO (ALABAMA METAL INDUSTRIES CORPORATION, PHONE 1-800-366-2642, WWW.AMCO-SECURITYPRODUCTS.COM). SUBJECT TO COMPLIANCE WITH REQUIREMENTS COMPARABLE TO MANUFACTURERS WILL BE CONSIDERED.

2. SECURITY MESH FASTENERS: "SECURA" CLIPS BY AMCO. NO SUBSTITUTIONS.

F. INTERIOR STEEL TRIM ACCESSORIES: ASTM C 1047, GALVANIZED OR ALUMINUM-COATED STEEL SHEET, ROLLED ZINC, PLASTIC, OR PAPER-FACED GALVANIZED STEEL SHEET.

G. ALUMINUM TRIM ACCESSORIES: ASTM B 221, ALLOY 6063-T5.

H. JOINT TAPE: COMPLY WITH ASTM C 45/C 45M.

1. INTERIOR GYPSUM BOARD: PAPER.

2. TILE BACKING PANELS: AS RECOMMENDED BY PANEL MANUFACTURER.

J. JOINT COMPOUND FOR INTERIOR GYPSUM BOARD: FOR EACH COAT USE FORMULATION THAT IS COMPATIBLE WITH OTHER COMPOUNDS APPLIED ON PREVIOUS OR FOR SUCCESSIVE COATS.

K. JOINT COMPOUND FOR TILE BACKING PANELS: AS RECOMMENDED BY MANUFACTURER.

L. STEEL DRILL SCREWS: ASTM C 1002, UNLESS OTHERWISE INDICATED.

M. SOUND ATTENUATION BLANKETS: ASTM C 665, TYPE I (BLANKETS WITHOUT MEMBRANE FACING).

N. ACOUSTICAL JOINT SEALANT: ASTM C 884. PRODUCT EFFECTIVELY REDUCES AIRBORNE SOUND TRANSMISSION THROUGH PERIMETER JOINTS AND OPENINGS AS DEMONSTRATED BY TESTING ACCORDING TO ASTM E 90, WITH A VOC CONTENT OF 250 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24). PROVIDE ONE OF THE FOLLOWING:

1. SHEETROCK ACOUSTICAL SEALANT; U.S. GYPSUM.

2. AC-208R, PECOORA.

PART 3 - EXECUTION

A. INSTALL AND FINISH GYPSUM PANELS TO COMPLY WITH ASTM C 840, GA-216, AND THE GYPSUM BOARD MANUFACTURER'S RECOMMENDATIONS, WHERE STANDARDS CONFLICT, THE MORE STRINGENT SHALL APPLY.

B. FOR STC-RATED ASSEMBLIES, SEAL CONSTRUCTION AT PERIMETERS, BEHIND CONTROL JOINTS, AND AT OPENINGS AND PENETRATIONS WITH A CONTINUOUS BEAD OF ACOUSTICAL SEALANT. INSTALL ACOUSTICAL SEALANT AT BOTH FACES OF PARTITIONS AT PERIMETERS AND THROUGH PENETRATIONS. COMPLY WITH ASTM C 918 AND WITH MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR LOCATING EDGE TRIM AND CLOSING OFF SOUND-FLANKING PATHS AROUND OR THROUGH ASSEMBLIES, INCLUDING SEALING PARTITIONS ABOVE ACOUSTICAL CEILINGS.

C. INSTALL SOUND ATTENUATION BLANKETS BEFORE INSTALLING GYPSUM PANELS, UNLESS BLANKETS ARE READY INSTALLED AFTER PANELS HAVE BEEN INSTALLED ON ONE SIDE.

D. ISOLATE PERIMETER OF NON-LOAD-BEARING GYPSUM BOARD PARTITIONS AT STRUCTURAL ABUTMENTS, EXCEPT FLOORS. PROVIDE 1/4 TO 1/2 INCH WIDE SPACES AT THESE LOCATIONS, AND TRIM EDGES WITH U-BEAD EDGE TRIM WHERE EDGES OF GYPSUM PANELS ARE EXPOSED. SEAL JOINTS BETWEEN EDGES AND ABUTTING STRUCTURAL SURFACES WITH ACOUSTICAL SEALANT.

E. INSTALL SECURITY MESH BY FASTENING TO STUDS AT 16 INCHES ON CENTER HORIZONTALLY AND 8 INCHES ON CENTER VERTICALLY USING SPECIFIED CLIPS.

F. INSTALL TRIM WITH BACK FLANGES INTENDED FOR FASTENERS, ATTACH TO FRAMING WITH SAME FASTENERS USED FOR PANELS. OTHERWISE, ATTACH TRIM ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

1. INSTALL CORNER BEADS AT EXTERIOR CORNERS.

2. INSTALL INTERIOR TRIM ACCESSORIES WHERE EDGE OF GYPSUM PANELS WOULD OTHERWISE BE EXPOSED OR SEMIEXPOSED. PROVIDE INTERIOR TRIM ACCESSORIES WITH FACE FLANGE FORMED TO RECEIVE JOINT COMPOUND.

3. INSTALL ALUMINUM TRIM ACCESSORIES WHERE INDICATED.

4. INSTALL CONTROL JOINTS IN LOCATIONS INDICATED AND WHERE DIRECTED BY THE ARCHITECT FOR VISUAL EFFECT, OR IF NOT INDICATED OR DIRECTED BY THE ARCHITECT, PROVIDE CONTROL JOINTS IN ACCORDANCE WITH ASTM C 840.

G. APPLY JOINT TAPE OVER GYPSUM BOARD JOINTS, EXCEPT THOSE WITH TRIM HAVING FLANGES NOT INTENDED FOR TAPE.

H. FINISH PANELS TO LEVELS INDICATED BELOW, ACCORDING TO ASTM C 840, FOR LOCATIONS INDICATED:

1. LEVEL 1: CEILING PLENUM AREAS, CONCEALED AREAS, AND WHERE INDICATED, UNLESS A HIGHER LEVEL OF FINISH IS REQUIRED FOR SOUND-RATED ASSEMBLIES.

2. LEVEL 2: PANELS THAT ARE SUBSTRATE FOR TILE AND WHERE INDICATED.

3. LEVEL 4: AT PANEL SURFACES THAT WILL BE EXPOSED TO VIEW, UNLESS OTHERWISE INDICATED.

4. LEVEL 5: ALL CEILING SURFACES. OVER ENTIRE SURFACE WHERE GYPSUM BOARD IS INDICATED TO RECEIVE WALL COVERINGS, SEMI-GLOSS AND HIGH GLOSS PAINTS.

END OF SECTION 09 29

TILING

SECTION 09 30 00 - TILING

PART 1 - GENERAL

A. DYNAMIC COEFFICIENT OF FRICTION (COF): FOR TILE INSTALLED ON WALKWAY SURFACES, PROVIDE PRODUCTS WITH THE FOLLOWING VALUE AS DETERMINED BY TESTING IDENTICAL PRODUCTS BY THE COOF ACUTEST METHOD PER ANSI 137.1, 2012 EDITION.

1. WALKWAY SURFACES: MINIMUM 0.42.

B. INSTALLER: ENGAGE INSTALLER WITH A MINIMUM OF 5 YEARS OF SUCCESSFUL COMMERCIAL TILE INSTALLATIONS SIMILAR IN MATERIAL, DESIGN, AND SCOPE TO THAT INDICATED.

C. FIELD-CONSTRUCTED SAMPLE INSTALLATIONS: ERECT SAMPLE INSTALLATIONS FOR EACH FORM OF CONSTRUCTION AND FINISH REQUIRED TO VERIFY SELECTIONS MADE AND TO DEMONSTRATE AESTHETIC EFFECTS AS WELL AS QUALITIES OF MATERIALS AND EXECUTION. BUILD SAMPLE INSTALLATIONS USING MATERIALS INDICATED FOR FINAL UNIT OF WORK. LOCATE SAMPLE INSTALLATIONS ON SITE, IN LOCATIONS AND SIZE INDICATED OR, IF NOT SHOWN OR INDICATED, AS DIRECTED BY ARCHITECT BUT NOT LESS THAN 100 SQ. FT. AREA FOR FLOORS, AND NOT LESS THAN 100 SQ. FT. AREA FOR WALLS. RETAIN AND MAINTAIN SAMPLE INSTALLATIONS DURING CONSTRUCTION IN UNDISTURBED CONDITION AS A STANDARD FOR JUDGING COMPLETED UNIT OF WORK.

1. APPROVED SAMPLE INSTALLATIONS MAY BECOME PART OF THE COMPLETED WORK IF UNDISTURBED AT TIME OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.

B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.

C. CERAMIC TILE: PROVIDE STANDARD GRADE TILE THAT COMPLIES WITH ANSI A137.1, "SPECIFICATIONS FOR CERAMIC TILE," AND ANSI A137.2, "SPECIFICATIONS FOR GLASS TILE," FOR TYPES, COMPOSITIONS, AND OTHER CHARACTERISTICS INDICATED.

1. PRODUCTS: AS INDICATED IN FINISH SCHEDULE.

2. SOURCE LIMITATIONS: OBTAIN EACH TYPE OF TILE FROM ONE SOURCE OR PRODUCER, AND FROM SAME PRODUCTION RUN, AND OF CONSISTENT QUALITY IN APPEARANCE AND PHYSICAL PROPERTIES FOR EACH CONTIGUOUS AREA.

3. CERAMIC TILE TRIM UNITS: MATCHING CHARACTERISTICS OF ADJOINING FLAT TILE AND COORDINATED WITH EDGES AND COURSE WHERE APPLICABLE.

D. THRESHOLDS: FABRICATE TO PROVIDE TRANSITION BETWEEN ADJACENT FLOOR FINISHES. BEVEL EDGES AT 1/2 SLOPE, LIMIT HEIGHT OF BEVEL TO 1/2 INCH OR LESS, AND FINISH BEVEL TO MATCH FACE OF THRESHOLD.

1. STONE: AS INDICATED IN FINISH SCHEDULE 4.

E. METAL EDGE STRIPS: ANGLE OR L-SHAPE, STAINLESS STEEL; ASTM A 686, 300 SERIES EXPOSED EDGE MATERIAL.

F. UNCOUPLING MEMBRANE FOR FLOOR TILE INSTALLATIONS:

1. DESCRIPTION: 18 INCH (3 MM) THICK, ORANGE, HIGH-DENSITY POLYETHYLENE MEMBRANE WITH A GRID STRUCTURE OF 12 INCH X 12 INCH (1/2 INCH X 1/2 INCH) SQUARE CAVITIES. EACH CUT BACK IN A DOWEL CONFIGURATION, AND A POLYPROPYLENE ANCHORING FLEECE LAMINATED TO ITS UNDERSIDE. CONFORMS TO DEFINITION FOR UNCOUPLING MEMBRANES IN THE TILE COUNCIL OF NORTH AMERICA HANDBOOK FOR CERAMIC TILE INSTALLATION; AND MEET OR EXCEED THE REQUIREMENTS OF THE "AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR LOAD BEARING, BONDED, WATERPROOF MEMBRANES FOR THIN-SET CERAMIC TILE AND DIMENSION STONE INSTALLATION A118.10," AND IS LISTED BY CUPOB, AND IS EVALUATED BY ICC-ES (SEE REPORT NO. ESR-2467).

a. SCHULTER SYSTEMS, L.P., DITRA.

G. SETTING AND GROUTING MATERIALS:

1. MANUFACTURERS:

a. CUSTOM BUILDING PRODUCTS.

b. LATICRETE INTERNATIONAL INC.

c. MAPEI CORPORATION.

2. SOURCE LIMITATIONS: FOR EACH TILE INSTALLATION, OBTAIN COMPATIBLE FORMULATIONS OF SETTING AND GROUTING MATERIALS AND WATERPROOFING MATERIALS CONTAINING LATEX OR LATEX ADDITIVES FROM A SINGLE MANUFACTURER AND DESIGNED TO WORK AS A SYSTEM.

3. FOR SETTING WHITE AND LIGHT COLORED STONE TILE UNITS: USE NON-STAINING WHITE, LOW ALKALI-CONTAINING, PORTLAND CEMENT IN THE MORTAR THAT WILL NOT SHOW THROUGH THE STONE TILE BODY.

4. PORTLAND CEMENT MORTAR (THICKSET) INSTALLATION MATERIALS: ANSI A108.1A AND AS SPECIFIED BELOW:

a. REINFORCING WIRE FABRIC: GALVANIZED, FLAT, WELDED WIRE FABRIC, 2 INCH BY 2 INCH BY 0.002 INCH DIAMETER; COMPLY WITH ASTM A 186 AND ASTM A 92 EXCEPT FOR MINIMUM WIRE SIZE.

b. LATEX ADDITIVE: MANUFACTURER'S STANDARD STYRENE-BUTADIENE-RUBBER WATER EMULSION, SERVING AS REPLACEMENT FOR ALL GAGING WATER, OF TYPE SPECIFICALLY RECOMMENDED BY LATEX-ADDITIVE MANUFACTURER FOR USE WITH FIELD-MIXED PORTLAND CEMENT AND AGGREGATE MORTAR BED.

5. LATEX-PORTLAND CEMENT MORTAR (THIN SET): ANSI A118.4 CONSISTING OF PREPACKAGED DRY-MORTAR MIX COMBINED WITH LIQUID-LATEX ADDITIVE.

a. FOR WALL APPLICATIONS, PROVIDE NONSAGGING MORTAR.

b. FOR GLASS TILE APPLICATIONS WHERE A LOW TEMPERATURE COATING HAS NOT BEEN FACTORY APPLIED TO THE TILE, USE MORTAR THAT WILL NOT SHOW THROUGH GLASS TILE BODIES. FOR GLASS TILE INSTALLATIONS WHERE A LOW TEMPERATURE COATING HAS BEEN FACTORY APPLIED, FOLLOW THE GLASS TILE MANUFACTURER'S WRITTEN RECOMMENDATIONS FOR MORTAR SELECTION AND APPLICATION.

6. POLYMER-MODIFIED TILE GROUT (FOR TYPICAL APPLICATIONS): ANSI A118.7 CONSISTING OF DRY, REPERISPERSIBLE LATEX/POLYMER POWDER FORM, PREPACKAGED WITH OTHER DRY INGREDIENTS OR A LIQUID LATEX MIXTURE. COLOR AS INDICATED IN FINISH SCHEDULE.

H. JOINT SEALANTS:

1. TYPICAL SURFACES: MILDEW-RESISTANT SILICONE SEALANT, AS SPECIFIED IN SECTION 07 92 00 "JOINT SEALANTS."

2. FLOOR JOINTS: TWO-PART POLYURETHANE SEALANT FOR PAVING APPLICATIONS, AS SPECIFIED IN SECTION 07 92 00 "JOINT SEALANTS."

I. CERAMIC TILE CLEANER: A NEUTRAL CLEANER CAPABLE OF REMOVING SOIL AND RESIDUE WITHOUT HARMING TILE AND GROUT SURFACES, SPECIFICALLY APPROVED FOR MATERIALS AND INSTALLATIONS INDICATED BY TILE AND GROUT MANUFACTURERS.

J. STONE TILE CLEANER: PROVIDE STONE CLEANERS OF PROPER FORMULATION FOR STONE TYPES, FINISHES, AND APPLICATIONS INDICATED, AS RECOMMENDED BY STONE SUPPLIER AND, IF A SEALER IS SPECIFIED, BY SEALER MANUFACTURER. USE CLEANING AGENTS WHICH DO NOT CONTAIN CAUSTIC OR HARSH FILLERS THAT WILL DAMAGE STONE OR STONE FINISHES.

K. FLOOR SEALER: COLORLESS, SLIP- AND STAIN-RESISTANT PENETRATING SEALER.

L. STONE TILE FABRICATION: ACCURATELY CUT, DRESS, DRILL, FIT AND FINISH STONEWORK TO SHAPES, PROFILES AND DIMENSIONS SHOWN ON DRAWINGS AND/OR FINAL SHOP AND SETTING DRAWINGS. MAKE EXPOSED SURFACES STRAIGHT, SHARP, TRUE AND CONTINUOUS AT JOINTS WITHIN THE TOLERANCES SPECIFIED.

1. CUT ALL JOINTS AND EDGES SQUARE AND AT RIGHT ANGLES TO FACE, AND WITH BACKS PARALLEL TO FACE. MAKE ARRISSES STRAIGHT, SHARP, TRUE, AND CONTINUOUS AT JOINTS.

2. CLEAN SAWN STONES TO REMOVE RUST STAINS AND FREE IRON PARTICLES.

M. MIXING MORTARS AND GROUT: MIX MORTARS AND GROUTS TO COMPLY WITH REFERENCED STANDARDS AND MORTAR AND GROUT MANUFACTURER'S WRITTEN

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	
TIFFANY & CO.	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
SHEET NUMBER:	
SPECIFICATIONS	
A 10.07	

TILING (CONT.)

INSTRUCTIONS. ADD MATERIALS AND LIQUID LATEX ADDITIVES IN ACCURATE PROPORTIONS. OBTAIN AND USE TYPE OF MIXING EQUIPMENT, MIXER SPEEDS, MIXING CONTAINERS, MIXING TIME, AND OTHER PROCEDURES TO PRODUCE MORTARS AND GROUTS OF UNIFORM QUALITY WITH OPTIMUM PERFORMANCE CHARACTERISTICS FOR INSTALLATIONS INDICATED.

- PART 3 - EXECUTION
- A. VERIFY THAT JOINTS AND CRACKS IN THE EXISTING FLOOR SUBSTRATES ARE COORDINATED WITH TILE JOINT LOCATIONS; IF NOT COORDINATED, ADJUST JOINT LOCATIONS IN CONSULTATION WITH ARCHITECT.
- B. DO NOT COMMENCE INSTALLATION OF FLOORING MATERIALS UNTIL FLOOR SUBSTRATE IS WITHIN THE FOLLOWING TOLERANCES IN ALL DIRECTIONS. IF SUBSTRATE IS NOT WITHIN TOLERANCE, LEVEL THE SUBSTRATE USING A METHOD AND A PRODUCT(S) THAT IS COMPATIBLE WITH AND ACCEPTABLE TO THE SETTING MATERIALS MANUFACTURER.
- C. REMOVE PAINT, COATINGS, INCLUDING CURING COMPOUNDS AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH TILE-SETTING MATERIALS.
- D. FILL CRACKS, HOLES, AND DEPRESSIONS IN CONCRETE SUBSTRATES FOR TILE FLOORS INSTALLED WITH TROUBLEABLE LEVELING AND PATCHING COMPOUND SPECIFICALLY RECOMMENDED BY TILE-SETTING MATERIAL MANUFACTURER.
- E. COLOR BLEND TILES AT PROJECT SITE BEFORE INSTALLING.
- F. FURNISH THE SAME LOTS, BATCHES, ETC. WITHIN THE SAME CONTIGUOUS AREAS OF THE SITE (I.E., CORRIDORS OR THE SAME FLOORS, COMMON ROOMS WHICH ADJOIN EACH OTHER, ETC.).
- G. WHERE NEEDED TO PREVENT GROUT FROM STAINING OR ADHERING TO EXPOSED CERAMIC TILE SURFACES, PRECOAT THEM WITH CONTINUOUS FILM OF TEMPORARY PROTECTIVE COATING, TAKING CARE NOT TO COAT UNEXPOSED TILE SURFACES.
- H. COMPLY WITH TONA'S HANDBOOK FOR CERAMIC, GLASS, AND STONE TILE INSTALLATION* FOR TONA INSTALLATION METHODS SPECIFIED IN TILE INSTALLATION SCHEDULES. COMPLY WITH PARTS OF THE ANSI A108 SERIES' SPECIFICATIONS FOR INSTALLATION OF CERAMIC TILE THAT ARE REFERENCED IN TONA INSTALLATION METHODS, SPECIFIED IN TILE INSTALLATION SCHEDULES, AND APPLY TO TYPES OF SETTING AND GROUTING MATERIALS USED.
- I. EXTEND TILE WORK INTO RECESSES AND UNDER OR BEHIND EQUIPMENT AND FIXTURES TO FORM COMPLETE COVERING WITHOUT INTERRUPTIONS, UNLESS OTHERWISE INDICATED. TERMINATE WORK NEATLY AT OBSTRUCTIONS, EDGES, AND CORNERS WITHOUT DISRUPTING PATTERN OR JOINT ALIGNMENTS.
- J. ACCURATELY FORM INTERSECTIONS AND RETURNS. PERFORM CUTTING AND DRILLING OF TILE WITHOUT MARRING VISIBLE SURFACES. GRIND CUT EDGES OF TILE ABUTTING TRIM, FINISH, OR BUILT-IN ITEMS. FIT TILE CLOSELY TO ELECTRICAL OUTLETS, PIPING, FIXTURES, AND OTHER PENETRATIONS SO PLATES, COLLARS, OR COVERS OVERLAP TILE.
- K. JOINTING PATTERN. LAY TILE IN GRID PATTERN, UNLESS OTHERWISE INDICATED. ALIGN JOINTS WHEN ADJOINING TILES ON FLOOR, BASE, WALLS, AND TRIM ARE SAME SIZE. LAY OUT TILE WORK AND CENTER TILE FIELDS IN BOTH DIRECTIONS IN EACH SPACE OR ON EACH WALL AREA. ADJUST TO MINIMIZE TILE CUTTING. PROVIDE UNIFORM JOINT WIDTHS, UNLESS OTHERWISE INDICATED.
- L. LAY OUT TILE WAINSCOTS TO NEXT FULL TILE BEYOND DIMENSIONS INDICATED.
- M. LOCATE SEALANT FILLED MOVEMENT JOINTS WHERE RECOMMENDED BY THE MANUFACTURER OF MORTAR AND GROUT MATERIALS, BUT NOT LESS THAN THE REQUIREMENTS OF TONA E171, AND AS ACCEPTED BY THE ARCHITECT. FORM MOVEMENT JOINTS AND OTHER SEALANT-FILLED JOINTS DURING INSTALLATION OF SETTING MATERIALS, MORTAR BEDS, AND TILE. DO NOT SAW-CUT JOINTS AFTER INSTALLING TILES.
- N. INSTALL UNCOUPLING MEMBRANE UNDER FLOOR TILE WITH ANY FACE DIMENSION EQUAL TO 12-INCHES OR MORE. COMPLY WITH ANSI A118.10 AND MANUFACTURER'S WRITTEN INSTRUCTIONS TO PRODUCE MEMBRANE OF UNIFORM THICKNESS AND BONDED SECURELY TO SUBSTRATE. DO NOT INSTALL TILE OR SETTING MATERIALS OVER UNCOUPLING MEMBRANE UNTIL MEMBRANE HAS CURED.

- O. FLOOR TILE INSTALLATION:
1. THIN-SET MORTAR:
- a. TONA F113-12 ON GROUND CONCRETE - TILE.
- b. TONA F113A-12 ABOVE GROUND - TILE.
2. INSTALL STONE THRESHOLDS IN ONE PIECE, NOTCHED TO FIT NEATLY AT DOOR JAMBS; SET IN SAME TYPE OF SETTING BED AS ABUTTING FIELD TILE IN ACCORDANCE WITH TONA TR611.
- P. WALL TILE INSTALLATION:
- a. TONA W245, 12 - TILE.

END OF SECTION 09 30 00

ACOUSTICAL PANEL CEILINGS

SECTION 09 51 13 - ACOUSTICAL PANEL CEILINGS

- PART 1 - GENERAL
- A. COORDINATION/DRAWINGS: DRAWN TO SCALE AND COORDINATING ACOUSTICAL PANEL CEILING INSTALLATION WITH HANGER ATTACHMENT TO BUILDING STRUCTURE AND CEILING MOUNTED ITEMS.
- B. MAINTENANCE DATA: SUBMIT MAINTENANCE DATA.
- PART 2 - PRODUCTS
- A. PERFORMANCE REQUIREMENTS:
1. IN AREAS WHERE GYPSUM BOARD PARTITIONS ARE DEPENDENT ON THE CEILING SUSPENSION SYSTEM FOR LATERAL SUPPORT, DESIGN AND INSTALL SUSPENSION SYSTEM COMPONENTS TO SUSTAIN THE IMPOSED LOAD FROM THE COMPLETED PARTITION SYSTEM INCLUDING A MINIMUM INWARD AND OUTWARD PRESSURE OF 5 PSF NORMAL TO THE PLANE OF THE WALL.
2. SEISMIC PERFORMANCE: COMPLY WITH ASCE/SEI 7.
3. SURFACE-BURNING CHARACTERISTICS: ACOUSTICAL PANELS COMPLYING WITH ASTM E 1264 FOR CLASS A MATERIALS, WHEN TESTED PER ASTM E 84.
- B. SOURCE LIMITATIONS: OBTAIN EACH TYPE OF ACOUSTICAL CEILING PANEL AND SUPPORTING SUSPENSION SYSTEM FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.
- C. ACOUSTICAL CEILING PANEL PRODUCTS: COMPLY WITH ASTM E 1264. REFER TO FINISH SCHEDULE FOR EACH TYPE OF ACOUSTICAL PANEL REQUIRED.
- D. METAL SUSPENSION SYSTEM PRODUCTS: COMPLY WITH ASTM C 835. REFER TO FINISH SCHEDULE FOR EACH TYPE OF METAL SUSPENSION SYSTEM REQUIRED. PROVIDE MANUFACTURER'S STANDARD DIRECT-HUNG METAL SUSPENSION SYSTEMS FOR INTERMEDIATE-DUTY STRUCTURAL CLASSIFICATION, AND FINISH PAINTED TO MATCH ACOUSTICAL PANEL.
- E. ATTACHMENT DEVICES: SIZE FOR FIVE TIMES THE DESIGN LOAD INDICATED IN ASTM C 835, TABLE 1, "DIRECT HUNG," UNLESS OTHERWISE INDICATED. COMPLY WITH SEISMIC DESIGN REQUIREMENTS. PROVIDE FASTENER SYSTEM OF TYPE SUITABLE FOR APPLICATION INDICATED; FABRICATED FROM CORROSION-RESISTANT MATERIALS, WITH EYEPIES, CLIPS OR OTHER ACCESSORY DEVICES FOR ATTACHING HANGERS OF TYPE INDICATED, AND WITH CAPABILITY TO SUSTAIN, WITHOUT FAILURE, A LOAD EQUAL TO 10 TIMES THAT IMPOSED BY CEILING ASSEMBLY.
- F. WIRE HANGERS, BRACES, AND TIES: ZINC-COATED CARBON-STEEL WIRE, ASTM A 641A 641M, CLASS 1 ZINC COATING, SOFT TEMPER. SELECT WIRE DIAMETER SO ITS STRESS AT THREE TIMES HANGER DESIGN LOAD (ASTM C 835, TABLE 1, "DIRECT HUNG") WILL BE LESS THAN YIELD STRESS OF WIRE, BUT PROVIDE NOT LESS THAN 12 GAGE (0.108-INCH) DIAMETER WIRE.
- G. METAL EDGE MOLDINGS AND TRIM: TYPE AND PROFILE INDICATED OR, IF NOT INDICATED, MANUFACTURER'S STANDARD MOLDINGS FOR EDGES AND PENETRATIONS THAT FIT ACOUSTICAL PANEL EDGE DETAILS AND SUSPENSION SYSTEMS INDICATED; FORMED FROM SHEET METAL OF SAME MATERIAL, FINISH, AND COLOR AS THAT USED FOR EXPOSED FLANGES OF SUSPENSION SYSTEM RUNNERS; PROVIDE IN LONGEST STANDARD SINGLE-PIECE LENGTHS.
- H. CLIPS: PROVIDE SUPPORT CLIPS, CLAMPS, FASTENERS, SPLINES, AND OTHER ATTACHMENT DEVICES AS REQUIRED TO ADJUST COMPONENTS AND TO CONNECT COMPONENTS AND TRANSFER IMPOSED LOADS OF SUSPENSION SYSTEM.

- PART 3 - EXECUTION
- A. COMPLY WITH ASTM C 836 AND SEISMIC REQUIREMENTS INDICATED, PER MANUFACTURER'S WRITTEN INSTRUCTIONS AND GISCAS' CEILING SYSTEMS HANDBOOK.*
- B. SUSPEND CEILING HANGERS FROM BUILDING'S STRUCTURAL MEMBERS, PLUMB AND FREE FROM CONTACT WITH INSULATION OR OTHER OBJECTS WITHIN CEILING PLENUM. SPAY HANGERS ONLY WHERE REQUIRED TO MISS OBSTRUCTIONS; OFFSET RESULTING HORIZONTAL FORCES BY BRACING, COUNTERSPLAYING, OR OTHER EQUALLY EFFECTIVE MEANS. WHERE WIDTH OF DUCTS AND OTHER CONSTRUCTION WITHIN CEILING PLENUM PRODUCES HANGER SPACINGS THAT INTERFERE WITH LOCATION OF HANGERS, USE TRAPEZES OR EQUIVALENT DEVICES. WHEN STEEL FRAMING DOES NOT PERMIT INSTALLATION OF HANGER WIRES AT SPACING REQUIRED, INSTALL CARRYING CHANNELS OR OTHER SUPPLEMENTAL SUPPORT FOR ATTACHMENT OF HANGER WIRES.
1. DO NOT SUPPORT CEILINGS DIRECTLY FROM PERMANENT METAL FORMS OR FLOOR DECK; ANCHOR INTO CONCRETE SLABS.
2. DO NOT ATTACH HANGERS TO STEEL DECK TABS OR TO STEEL ROOF DECK.
3. LATERAL FORCE BRACING:
- a. HORIZONTAL RESTRAINTS SHALL BE PROVIDED BY FOUR NO. 12 GAGE WIRES SECURED TO THE MAIN RUNNER WITHIN 2 INCHES OF THE CROSS RUNNER INTERSECTION AND SPAYED 90 DEGREES FROM EACH OTHER AT AN ANGLE NOT EXCEEDING 45 DEGREES FROM THE PLANE OF THE CEILING. A STRUT FASTENED TO THE MAIN RUNNER SHALL BE EXTENDED TO AND FASTENED TO THE STRUCTURAL MEMBERS SUPPORTING THE ROOF OR FLOOR ABOVE. THE STRUT SHALL BE ADEQUATE TO RESIST THE VERTICAL COMPONENT INDUCED BY THE BRACING WIRES. THESE HORIZONTAL RESTRAINT POINTS SHALL BE PLACED NOT MORE THAN 12 FEET ON CENTER IN BOTH DIRECTIONS WITH THE FIRST POINT WITHIN 6 FEET FROM EACH WALL. ATTACHMENT OF THE RESTRAINT WIRES TO THE STRUCTURE ABOVE SHALL BE ADEQUATE FOR THE LOAD IMPOSED.
- b. LATERAL FORCE BRACING MEMBERS SHALL BE SPACED A MINIMUM OF 6 INCHES FROM ALL HORIZONTAL PIPING OR DUCTWORK THAT IS NOT PROVIDED WITH BRACING RESTRAINTS FOR HORIZONTAL FORCES. BRACING WIRES SHALL BE ATTACHED TO THE GRID AND TO THE STRUCTURE IN SUCH A MANNER THAT THEY CAN SUPPORT A DESIGN LOAD OF NOT LESS THAN 200 POUNDS OR THE ACTUAL DESIGN LOAD, WHICHEVER IS GREATER, WITH A SAFETY FACTOR OF 2.
- C. INSTALL EDGE MOLDINGS AND TRIM OF TYPE INDICATED AT PERIMETER OF ACOUSTICAL CEILING AREA AND WHERE NECESSARY TO CONCEAL EDGES OF ACOUSTICAL PANELS. ALIGN MOLDINGS ACCURATELY AND SCREW ATTACH SECURELY TO SUBSTRATE WITH CONCEALED FASTENERS AT INTERVALS NOT MORE THAN 16 INCHES ON CENTER AND NOT MORE THAN 3 INCHES FROM ENDS. LEVELING WITH CEILING SUSPENSION SYSTEM. MITER CORNERS ACCURATELY AND CONNECT SECURELY. DO NOT USE EXPOSED FASTENERS, INCLUDING POP RIVETS, ON MOLDINGS AND TRIM.
- D. INSTALL SUSPENSION SYSTEM RUNNERS SO THEY ARE SQUARE AND SECURELY INTERLOCKED WITH ONE ANOTHER. CLIP RUNNERS TO ANGLE MOLDINGS; DO NOT USE EXPOSED FASTENERS. FINISH TO LINES AND LEVELS SHOWN, WITH MAXIMUM DEFLECTION NOT TO EXCEED 1/800 OF THE SPAN BETWEEN SUPPORTS. LEVEL TO A TOLERANCE OF 1/8-INCH NONCUMULATIVE. REMOVE AND REPLACE DENTED, BENT, OR KINKED MEMBERS.
- E. INSTALL ACOUSTICAL PANELS WITH UNDamAGED EDGES AND FIT ACCURATELY INTO SUSPENSION SYSTEM RUNNERS AND EDGE MOLDINGS. RUN GRAIN OF UNITS IN ONE DIRECTION AS ACCEPTED ON SHOP DRAWINGS. SCRIBE AND CUT PANELS AT BORDERS AND PENETRATIONS TO PROVIDE A NEAT, PRECISE FIT.

END OF SECTION 09 51 13

WOOD FLOORING

SECTION 09 64 00-WOOD FLOORING

- PART 1 - GENERAL
- 1.1 SUMMARY
- A. SECTION INCLUDES: ENGINEERED-WOOD, STRIP OR PLANK FLOORING.
- 1.2 PERFORMANCE REQUIREMENTS
- A. GENERAL: PROVIDE FLOOR TILES COMPLYING WITH ONE OF THE FOLLOWING STANDARDS AND PERFORMANCE REQUIREMENTS:
- B. DYNAMIC COEFFICIENT OF FRICTION (DCOF): FOR TILE INSTALLED ON WALKWAY SURFACES, PROVIDE PRODUCTS WITH THE FOLLOWING VALUE AS DETERMINED BY TESTING IDENTICAL PRODUCTS BY THE DCOF ACUTEST METHOD PER ANSI 137.1, 2012 EDITION.
1. WALKWAY SURFACES: MINIMUM 0.42.
- 1.3 SUBMITTALS
- A. PRODUCT DATA: FOR EACH PRODUCT INDICATED.
- B. SHOP DRAWINGS: SHOW INSTALLATION DETAILS INCLUDING LOCATION AND LAYOUT OF EACH TYPE OF WOOD FLOORING AND ACCESSORY.
- C. QUALIFICATION DATA: FOR INSTALLER.
- 1.4 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS: AN EXPERIENCED INSTALLER WHO IS ACCEPTABLE TO WOOD FLOORING MANUFACTURER TO INSTALL MANUFACTURER'S PRODUCTS OR ONE WITH NOT LESS THAN FIVE YEARS' EXPERIENCE, WHO HAS COMPLETED WOOD FLOORING SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THAT INDICATED FOR THIS PROJECT AND WHOSE WORK HAS RESULTED IN WOOD FLOORING INSTALLATIONS WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
- 1.5 FIELD CONDITIONS
- A. ENVIRONMENTAL CONDITIONING: MAINTAIN AN AMBIENT TEMPERATURE BETWEEN 65 AND 75 DEG F (18 AND 24 DEG C) AND RELATIVE HUMIDITY PLANNED FOR BUILDING OCCUPANTS IN SPACES TO RECEIVE WOOD FLOORING DURING THE CONDITIONING PERIOD.
1. CONDITIONING PERIOD BEGINS NOT LESS THAN SEVEN DAYS BEFORE WOOD FLOORING INSTALLATION. IS CONTINUOUS THROUGH INSTALLATION, AND CONTINUES NOT LESS THAN SEVEN DAYS AFTER WOOD FLOORING INSTALLATION, PRIOR TO COMMENCEMENT OF SANDING AND FINISHING WORK.
2. WOOD FLOORING CONDITIONING: MOVE WOOD FLOORING INTO SPACES WHERE IT WILL BE INSTALLED, NO LATER THAN THE BEGINNING OF THE CONDITIONING PERIOD.
- a. DO NOT INSTALL FLOORING UNTIL IT ADJUSTS TO RELATIVE HUMIDITY OF- AND IS AT SAME TEMPERATURE AS, SPACE WHERE IT IS TO BE INSTALLED. REFER TO NWA "HARDWOOD FLOORING INSTALLATION GUIDELINES," APPENDIX A4, FOR EXPECTED MOISTURE CONTENT OF ACCLIMATIZED WOOD AT GIVEN TEMPERATURES AND RELATIVE HUMIDITY READINGS.
- b. OPEN SEALED PACKAGES TO ALLOW WOOD FLOORING TO ACCLIMATE IMMEDIATELY ON MOVING FLOORING INTO SPACES IN WHICH IT WILL BE INSTALLED.
- c. CLOSE SPACES TO TRAFFIC DURING FLOORING INSTALLATION AND FOR TIME PERIOD AFTER INSTALLATION AS RECOMMENDED IN WRITING BY FLOORING AND FINISH MANUFACTURERS.
- B. AFTER CONDITIONING PERIOD, MAINTAIN RELATIVE HUMIDITY AND AMBIENT TEMPERATURE PLANNED FOR BUILDING OCCUPANTS.
- C. INSTALL FACTORY-FINISHED WOOD FLOORING AFTER OTHER FINISHING OPERATIONS, INCLUDING PAINTING, HAVE BEEN COMPLETED.
- PART 2 - PRODUCTS
- 2.1 ENGINEERED-WOOD STRIP OR PLANK FLOORING
- A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.
- B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.
- 2.2 ACCESSORY MATERIALS
- A. TROUBLEABLE LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND-CEMENT-BASED FORMULATION PROVIDED OR APPROVED BY FLOORING MANUFACTURER FOR APPLICATIONS INDICATED.
- B. WOOD FLOORING ADHESIVE: MASTIC RECOMMENDED BY FLOORING AND ADHESIVE MANUFACTURERS FOR APPLICATIONS INDICATED.
- C. CORK EXPANSION STRIP: COMPOSITION CORK STRIP COMPLYING WITH FS H4-C-576, TYPE I-B, CLASS 2.
- PART 3 - EXECUTION
- 3.1 EXAMINATION
- A. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS, INSTALLATION TOLERANCES, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF WOOD FLOORING. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
- B. CONCRETE SUBSTRATES FOR WOOD FLOORING:
1. VERIFY THAT SLABS ARE DRY ACCORDING TO TEST METHODS RECOMMENDED BY FLOORING MANUFACTURER OR, IF NONE, BY TEST METHODS IN NORMAS "INSTALLING HARDWOOD FLOORING."
2. WHERE WOOD FLOORING IS INSTALLED DIRECTLY OVER CONCRETE SLABS, GRIND HIGH SPOTS AND FILL LOW SPOTS TO PROVIDE A MAXIMUM 1/4 INCH (6 MM) DEVIATION IN ANY DIRECTION WHEN CHECKED WITH A 10 FOOT (3 M) STRAIGHT EDGE.
3. WHERE WOOD FLOORING IS ADHESIVELY ATTACHED TO CONCRETE SLABS, VERIFY THAT SLABS ARE FREE OF CURING COMPOUNDS, SEALERS, HARDENERS, AND OTHER MATERIALS THAT MAY INTERFERE WITH ADHESIVE BOND.
4. ALKALINITY AND ADHESION TESTING: PERFORM TESTS RECOMMENDED BY FLOORING MANUFACTURER. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATE ALKALINITY FALLS WITHIN RANGE ON PH SCALE RECOMMENDED BY MANUFACTURER IN WRITING, BUT NOT LESS THAN 5 OR MORE THAN 9 PH.
5. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND HARDENERS.
6. REMOVE SUBSTRATE COATINGS AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES USING MECHANICAL METHODS RECOMMENDED BY FLOORING MANUFACTURER. DO NOT USE SOLVENTS.
7. MOISTURE TESTING: PERFORM TESTS RECOMMENDED BY FLOORING MANUFACTURER, BUT NOT LESS STRINGENT THAN THE FOLLOWING:
- a. PERFORM ANHYDROUS CALCIUM CHLORIDE TEST ACCORDING TO ASTM F 1869. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE MAXIMUM MOISTURE-VAPOR EMISSION RATE OF 3 LB OF WATER/1000 SQ. FT. (1.36 KG OF WATER/92.9 SQ. M) IN 24 HOURS.
- b. PERFORM RELATIVE HUMIDITY TEST USING IN SITU PROBES ACCORDING TO ASTM F 2170. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES HAVE A MAXIMUM 75 PERCENT RELATIVE HUMIDITY LEVEL.
- 3.2 INSTALLATION
- A. COMPLY WITH FLOORING MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS, BUT NOT LESS THAN RECOMMENDATIONS IN NORMAS "INSTALLING HARDWOOD FLOORING."
- B. CONCRETE SUBSTRATES: VERIFY THAT SLABS ARE DRY ACCORDING TO TEST METHODS RECOMMENDED BY FLOORING MANUFACTURER OR, IF NONE, BY TEST METHODS IN NORMAS "INSTALLING HARDWOOD FLOORING."
1. WHERE WOOD FLOORING IS INSTALLED DIRECTLY OVER CONCRETE SLABS, GRIND HIGH SPOTS AND FILL LOW SPOTS TO PROVIDE A MAXIMUM 1/4 INCH (6 MM) DEVIATION IN ANY DIRECTION WHEN CHECKED WITH A 10 FOOT (3 M) STRAIGHT EDGE.
2. WHERE WOOD FLOORING IS ADHESIVELY ATTACHED TO CONCRETE SLABS, VERIFY THAT SLABS ARE FREE OF CURING COMPOUNDS, SEALERS, HARDENERS, AND OTHER MATERIALS THAT MAY INTERFERE WITH ADHESIVE BOND.
- C. PROVIDE EXPANSION SPACE AT WALLS AND OTHER OBSTRUCTIONS AND TERMINATIONS OF FLOORING OF NOT LESS THAN 3/4 INCH (19 MM).
- D. ENGINEERED-WOOD FLOORING: INSTALL IN STRICT ACCORDANCE WITH MANUFACTURER'S PRINTED INSTRUCTIONS.
- E. WOOD TRIM: NAIL BASEBOARD TO WALL AND NAIL SHOE MOLDING OR OTHER TRIM TO BASEBOARD; DO NOT NAIL TO FLOORING.

END OF SECTION 09 64 00

RESILIENT WALL BASE & ACCESSORIES

SECTION 09 65 13- RESILIENT WALL BASE AND ACCESSORIES

- PART 1 - GENERAL
- A. FIELD CONDITIONS: INSTALL RESILIENT PRODUCTS AFTER OTHER FINISHING OPERATIONS, INCLUDING PAINTING, HAVE BEEN COMPLETED.
- PART 2 - PRODUCTS
- A. RESILIENT WALL BASE AND ACCESSORIES PRODUCTS: COMPLY WITH ASTM F 1861. REFER TO FINISH SCHEDULE.
- B. ADHESIVES: WATER-RESISTANT TYPE RECOMMENDED BY MANUFACTURER TO SUIT RESILIENT PRODUCTS AND SUBSTRATE CONDITIONS INDICATED. USE ADHESIVES THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
1. COVE BASE ADHESIVES: NOT MORE THAN 50 G/L
2. RUBBER FLOOR ADHESIVES: NOT MORE THAN 60 G/L
- PART 3 - EXECUTION
- A. PREPARE SUBSTRATES AND INSTALL PRODUCTS ACCORDING TO MANUFACTURER'S WRITTEN RECOMMENDATIONS.
- B. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING RESILIENT BASE.
- C. APPLY WALL BASE TO WALLS, COLUMNS, PILASTERS, CASEWORK AND CABINETS IN TEE SPACES, AND OTHER PERMANENT FIXTURES IN ROOMS AND AREAS WHERE BASE IS REQUIRED.
- D. INSTALL WALL BASE IN LENGTHS AS LONG AS PRACTICABLE WITHOUT GAPS AT SEAMS AND WITH TOPS OF ADJACENT PIECES ALIGNED.
- E. TIGHTLY ADHERE WALL BASE TO SUBSTRATE THROUGHOUT LENGTH OF EACH PIECE, WITH BASE IN CONTINUOUS CONTACT WITH HORIZONTAL AND VERTICAL SUBSTRATES.
- F. DO NOT STRETCH WALL BASE DURING INSTALLATION.
- G. REMOVE ADHESIVE AND OTHER BLEMISHES FROM EXPOSED SURFACES.

END OF SECTION 09 65 13

RESILIENT TILE FLOORING

SECTION 09 65 19- RESILIENT TILE FLOORING

- PART 1 - GENERAL
- A. MAINTENANCE DATA: SUBMIT MAINTENANCE DATA FOR RESILIENT FLOOR TILE AND FLOOR FINISH PRODUCTS.
- B. FIELD CONDITIONS: INSTALL RESILIENT PRODUCTS AFTER OTHER FINISHING OPERATIONS, INCLUDING PAINTING, HAVE BEEN COMPLETED.
- PART 2 - PRODUCTS
- A. RESILIENT TILE PRODUCTS: REFER TO FINISH SCHEDULE.
- B. TROUBLEABLE LEVELING AND PATCHING COMPOUNDS: LATEX-MODIFIED, PORTLAND CEMENT BASED FORMULATION PROVIDED OR APPROVED BY RESILIENT PRODUCT MANUFACTURER FOR APPLICATIONS INDICATED.
- C. USE ADHESIVES THAT COMPLY WITH THE FOLLOWING LIMITS FOR VOC CONTENT WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24):
1. VCT AND ASPHALT TILE ADHESIVES: NOT MORE THAN 50 G/L
2. RUBBER FLOOR ADHESIVES: NOT MORE THAN 60 G/L
- D. FLOOR POLISH: PROVIDE PROTECTIVE LIQUID FLOOR POLISH PRODUCTS AS RECOMMENDED BY MANUFACTURER.
- PART 3 - EXECUTION
- A. ADHESION OF RESILIENT PRODUCTS
- A. PREPARE CONCRETE SUBSTRATES ACCORDING TO ASTM F 710. VERIFY THAT SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, AND HARDENERS. PERFORM ALKALINITY AND ADHESION TESTS RECOMMENDED BY MANUFACTURER. PERFORM MOISTURE TESTS RECOMMENDED BY MANUFACTURER. PROCEED WITH INSTALLATION ONLY AFTER SUBSTRATES PASS TESTING.
- C. REMOVE PAINT, SEALERS, SUBSTRATE COATINGS, EXISTING FLOOR COVERING ADHESIVE RESIDUES (IF ANY), AND OTHER SUBSTANCES THAT ARE INCOMPATIBLE WITH ADHESIVES USING MECHANICAL METHODS RECOMMENDED BY MANUFACTURER. DO NOT USE SOLVENTS.
- D. USE TROUBLEABLE LEVELING AND PATCHING COMPOUND TO FILL CRACKS, HOLES, AND DEPRESSIONS IN SUBSTRATES.
- E. APPLY PRIOR TO CONCRETE SLABS, IF RECOMMENDED BY THE FLOORING MANUFACTURER, PRIOR TO APPLICATION OF ADHESIVE.
- F. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR INSTALLING FLOOR TILE.
- G. SCRIBE, CUT, AND FIT FLOOR TILES TO BUTT TIGHTLY TO VERTICAL SURFACES AND PERMANENT FIXTURES INCLUDING BUILT-IN FURNITURE, CABINETS, PIPES, OUTLETS, AND DOOR FRAMES.
- H. EXTEND FLOOR TILES INTO TEE SPACES, DOOR REVEALS, CLOSETS, AND SIMILAR OPENINGS. EXTEND FLOOR TILES TO CENTER OF DOOR OPENINGS.
- I. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR CLEANING AND PROTECTION OF FLOOR TILE.
- J. FLOOR POLISH FOR VINYL COMPOSITION TILE OR SOLID VINYL TILE: REMOVE SOIL, VISIBLE ADHESIVE, AND SURFACE BLEMISHES FROM FLOOR TILE SURFACES BEFORE APPLYING LIQUID FLOOR POLISH. APPLY NUMBER OF COATS AS RECOMMENDED BY MANUFACTURER.
- K. COVER FLOOR TILE UNTIL SUBSTANTIAL COMPLETION.

END OF SECTION 09 65 19

SHEET CARPETING

SECTION 09 68 16 - SHEET CARPETING

- PART 1 - GENERAL
- A. MAINTENANCE DATA: SUBMIT COPIES OF INSTRUCTIONS FOR CARE, CLEANING, MAINTENANCE AND REPAIR OF CARPETING.
- B. QUALITY ASSURANCE: EXCEPT AS MODIFIED BY GOVERNING CODES AND BY THE CONTRACT DOCUMENTS, COMPLY WITH THE APPLICABLE PROVISIONS AND RECOMMENDATIONS OF THE FOLLOWING:
1. THE CARPET AND RUG INSTITUTE "THE CARPET SPECIFIERS HANDBOOK."
2. THE CARPET AND RUG INSTITUTE "CRI 2011 CARPET INSTALLATION STANDARD."
- C. INSTALLER QUALIFICATIONS: ENGAGE A CARPET INSTALLER, WHO HAS COMPLETED A MINIMUM OF THREE PROJECTS OVER THE LAST 10 YEARS SIMILAR IN MATERIAL, DESIGN AND EXTENT TO THAT INDICATED FOR THE PROJECT, AS DETERMINED BY THE ARCHITECT, AND WHICH HAVE RESULTED IN CONSTRUCTION WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
- D. FIELD CONDITIONS: COMPLY WITH CRI 2011, SECTION 7 "SITE CONDITIONS; AMBIENT TEMPERATURE AND HUMIDITY."
- E. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL CARPET UNTIL WET WORK IN SPACES IS COMPLETE AND DRY, AND AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE MAINTAINED AT OCCUPANCY LEVELS DURING REMAINDER OF CONSTRUCTION.
- F. INSTALLATION WARRANTY: SUBMIT WRITTEN WARRANTY SIGNED BY THE CARPET INSTALLER AND THE CONTRACTOR, WARRANTING THE CARPET INSTALLATION, FOR A PERIOD OF TWO YEARS, THAT THE CARPETING WILL NOT TEAR, CRACK, SEPARATE, DETERIORATE OR PULL LOOSE FROM SUBSTRATE, OR EXPERIENCE SEAM FAILURE, RIPPLES, SCALLOPS, PILLING OR PUCKERING.
- PART 2 - PRODUCTS
- A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.
- B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.
- C. TROUBLEABLE LEVELING AND PATCHING COMPOUNDS: PORTLAND CEMENT BASED FORMULATION PROVIDED BY OR RECOMMENDED BY CARPET MANUFACTURER. DO NOT USE GYPSUM BASED COMPOUNDS.
- D. CARPET ADHESIVES: WATER-RESISTANT, MILDEW RESISTANT, AND NONSTAINING HIGH SOLIDS, LOW VOC EMITTING FORMULATIONS THAT ARE SPECIFICALLY RECOMMENDED BY THE CARPET MANUFACTURER, AS VERIFIED THROUGH COMPATIBILITY AND ADHESION TESTING FOR THE INTENDED SUBSTRATE AND APPLICATION, AND THAT COMPLY WITH FLAMMABILITY REQUIREMENTS FOR INSTALLED CARPET. PROVIDE ADHESIVES WITH VOC CONTENT NOT MORE THAN 50 G/L WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- E. SEAMING TAPE: HOT MELT ADHESIVE TAPE, 6 INCHES WIDE, RECOMMENDED BY THE CARPET MILL AS SUITABLE FOR BACKING SPECIFIED.
- F. SEAMING CEMENT: WATER-RESISTANT AND FLAME-RESISTANT CARPET ADHESIVE FOR SEALING RAW EDGES, SEAMING, REINFORCING SEAMS AND PATCHING. PROVIDE FAST DRYING, EASY SPREADING CARPET SEAMING ADHESIVE HAVING EXCELLENT AGING CHARACTERISTICS RECOMMENDED BY THE CARPET MANUFACTURER.
- G. FLOOR SEALER: TYPE AS RECOMMENDED AND MANUFACTURED BY THE CARPET MANUFACTURER FOR THE APPLICATIONS INDICATED. PROVIDE FLOOR SEALER WITH VOC CONTENT NOT MORE THAN 200 G/L WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- PART 3 - EXECUTION
- A. COMPLY WITH CRI 2011, SECTION 7.3 "SITE CONDITIONS; FLOOR PREPARATION," AND WITH CARPET MANUFACTURER'S WRITTEN INSTALLATION INSTRUCTIONS FOR PREPARING SUBSTRATES.
- B. EXAMINE THE SUBSTRATES, ADJOINING CONSTRUCTION AND THE CONDITIONS UNDER WHICH THE WORK IS TO BE INSTALLED. VERIFY RECOMMENDED LIMITS FOR MOISTURE CONTENT AND ALKALINITY OF CONCRETE SUBSTRATES WITH CARPET MANUFACTURER, AND, SLAB SUBSTRATES ARE DRY AND FREE OF CURING COMPOUNDS, SEALERS, HARDENERS, AND OTHER MATERIALS THAT MAY INTERFERE WITH ADHESIVE BOND. DETERMINE ADHESION AND DRINESS CHARACTERISTICS BY PERFORMING BOND AND MOISTURE TESTS RECOMMENDED BY THE CARPET MANUFACTURER.
- C. USE LEVELING AND PATCHING COMPOUNDS RECOMMENDED BY FLOORING MANUFACTURER FOR FILLING CRACKS, HOLES AND DEPRESSIONS IN THE SUBSTRATE. SURFACE SHALL BE SMOOTH, LEVEL AND AT PROPER ELEVATION. REMOVE RIDGES, ROUGHNESS AND PROTRUSIONS FROM CONCRETE SURFACES BY GRINDING.
- D. COMPLY WITH THE MANUFACTURER'S INSTRUCTIONS AND CRI 2011, SECTION 13 "DIRECT GLUE-DOWN INSTALLATION."
1. ADHERE CARPET WITH A FULL SPREAD OF ADHESIVE. ENSURE UNIFORM BOND OVER THE ENTIRE AREA.
2. ROLL CARPET UNIFORMLY, REMOVING AIR POCKETS AND BUBBLES.
3. INSTALL RESILIENT MOLDING EDGE STRIP AT EVERY LOCATION WHERE EDGE OF CARPET IS EXPOSED TO TRAFFIC, UNLESS OTHERWISE INDICATED. UNLESS OTHERWISE DIRECTED BY ARCHITECT, INSTALL IN SINGLE LENGTHS AND SECURE IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS.
4. RESTRICT TRAFFIC OVER ADHESIVE INSTALLATIONS UNTIL ADHESIVE HAS PROPERLY CURED IN ACCORDANCE WITH THE ADHESIVE MANUFACTURER'S RECOMMENDATIONS.
- E. AS THE CARPETING IS INSTALLED, REMOVE AND DISPOSE OF ALL TRIMMINGS, EXCESS PIECES OF CARPETING AND LAYING MATERIALS FROM EACH AREA AS IT IS COMPLETED. VACUUM CARPETING WITH A COMMERCIAL VACUUM, HAVING A CYLINDRICAL BRUSH OR BEATER BAR AND HIGH SUCTION. REMOVE ADHESIVES, STAINS, AND SOIL SPOTS IN ACCORDANCE WITH THE CARPET MANUFACTURER'S RECOMMENDATIONS.
- F. PROTECT INSTALLED CARPET TO COMPLY WITH CRI 2011, SECTION 20 "PROTECTING INDOOR INSTALLATIONS," AND AGAINST DAMAGE AS DAMAGED CARPETING SHALL BE REJECTED. USE NON-STAINING COVER MATERIAL FOR PROTECTION. TAPE JOINTS OF PROTECTIVE COVERING. PLASTIC AND POLYETHYLENE SHEET PROTECTIVE COVERINGS SHALL NOT BE PERMITTED.
- G. REMOVE AND REPLACE REJECTED CARPETING WITH NEW CARPET. AT THE COMPLETION OF THE WORK AND WHEN DIRECTED BY THE ARCHITECT, REMOVE COVERING, VACUUM CLEAN CARPETING AND REMOVE SOILING AND STAINS (IF ANY) TO THE SATISFACTION OF THE ARCHITECT.

END OF SECTION 09 68 16

GENERAL NOTES

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:



CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

SPECIFICATIONS

A 10.08

WALL COVERINGS

- SECTION 09 72 00 - WALL COVERINGS
- PART 1 - GENERAL
- A. SECTION INCLUDES WALL COVERINGS.
- B. FIRE-TEST-RESPONSE CHARACTERISTICS: PROVIDE PRODUCTS TESTED PER TEST METHOD INDICATED BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION:
- SURFACE BURNING: FLAME-SPREAD AND SMOKE-DEVELOPED INDICES OF 25 AND 450, RESPECTIVELY, PER ASTM E 84.
 - FIRE GROWTH CONTRIBUTION: NO FLASHOVER AND HEAT AND SMOKE RELEASE ACCORDING TO NFPA 265 AND NFPA 286.
- C. MOCKUPS: INSTALL MOCKUPS TO VERIFY SELECTIONS MADE UNDER SAMPLE SUBMITTALS AND TO DEMONSTRATE AESTHETIC EFFECTS AND QUALITIES OF MATERIALS AND EXECUTION
- FOR EACH TYPE OF WALL COVERING, INSTALL MOCKUPS CONSISTING OF THREE ADJACENT FULL-HEIGHT AND FULL-WIDTH LENGTHS.
 - APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK IF UNDISTURBED AT TIME OF SUBSTANTIAL COMPLETION
- D. SPACE ENCLOSURE AND ENVIRONMENTAL LIMITATIONS: DO NOT INSTALL WALL COVERING UNTIL SPACE IS ENCLOSED AND WEATHERPROOF. WET-WORK IN SPACE IS COMPLETED AND NOMINALLY DRY. WORK ABOVE CEILINGS IS COMPLETE, AND AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE AND WILL BE CONTINUOUSLY MAINTAINED AT VALUES NEAR THOSE INDICATED FOR FINAL OCCUPANCY.
- E. LIGHTING: DO NOT INSTALL WALL COVERING UNTIL A LIGHTING LEVEL OF NOT LESS THAN 15 FOOT-CANDELES (160 LUX) IS PROVIDED ON THE SURFACES TO RECEIVE WALL COVERING.
- F. VENTILATION: PROVIDE CONTINUOUS VENTILATION DURING INSTALLATION AND FOR NOT LESS THAN THE TIME RECOMMENDED BY THE WALL COVERING MANUFACTURER FOR FULL DRYING OR CURING.
- G. WALL FINISH: APPLY WALL COVERINGS TO GYPSUM BOARD WALLS PREPARED TO THE FOLLOWING FINISH LEVELS: SEE SECTION 09 29 00 "GYPSUM BOARD."
- LEVEL 4, EXCEPT AS OTHERWISE NOTED.
- PART 2 - PRODUCTS
- A. WALL COVERINGS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS INDICATED IN FINISH SCHEDULE ON DRAWINGS.
- COLOR AND PATTERN: AS INDICATED BY MANUFACTURER'S DESIGNATIONS.
 - APPLIED BACKING MATERIAL: AS RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED.
 - ADHESIVE: MILDEW-RESISTANT, NONSTAINING, STRIPPABLE ADHESIVE, FOR USE WITH SPECIFIC WALL COVERING AND SUBSTRATE APPLICATION, AS RECOMMENDED IN WRITING BY WALL-COVERING MANUFACTURER, AND WITH A VOC CONTENT OF 50 G/L OR LESS WHEN CALCULATED ACCORDING TO 40 CFR 59, SUBPART D (EPA METHOD 24).
- PART 3 - EXECUTION
- A. PREPARATION:
- CLEAN SUBSTRATES OF SUBSTANCES THAT COULD IMPAIR WALL COVERING'S BOND, INCLUDING MOLD, MILDEW, OIL, GREASE, INCOMPATIBLE PRIMERS, AND DIRT.
 - PREPARE SUBSTRATES TO ACHIEVE A SMOOTH, DRY, CLEAN SURFACE FREE OF FLAKING, UNSOUND COATINGS, CRACKS, AND DEFECTS.
 - PAINTED SURFACES: TREAT AREAS SUSCEPTIBLE TO PIGMENT BLEEDING.
 - METALS: IF NOT FACTORY PRIMED, CLEAN AND APPLY RUST-INHIBITIVE ZINC PRIMER.
 - MOISTURE CONTENT: MAXIMUM OF 5 PERCENT ON NEW PLASTER, CONCRETE, AND CONCRETE MASONRY UNITS WHEN TESTED WITH AN ELECTRONIC MOISTURE METER.
 - PRIME NEW GYPSUM BOARD WITH PRIMER RECOMMENDED BY WALL COVERING MANUFACTURER.
 - CHECK PAINTED SURFACES FOR PIGMENT BLEEDING, SAND GLOSS, SEMI-GLOSS, AND EGGSHELL FINISHES WITH FINE SANDPAPER.
 - ACQUACUTIE WALL COVERING MATERIALS BY REMOVING THEM FROM PACKAGING IN THE INSTALLATION AREAS NOT LESS THAN 24 HOURS BEFORE INSTALLATION.
 - CUT PANELS IN ROLL NUMBER SEQUENCE. CHANGE RUN NUMBERS AT PARTITION BREAKS AND CORNERS ONLY.
 - INSTALL SEAMS VERTICAL AND PLUMB, WITH NO HORIZONTAL SEAMS.
 - REMOVE EXCESS ADHESIVE AT FINISHED SEAMS, PERIMETER EDGES, AND ADJACENT SURFACES USING CLEANING METHODS RECOMMENDED BY WALL COVERING MANUFACTURER. REPLACE STRIPS THAT CANNOT BE CLEANED.
- END OF SECTION 09 72 00

STONE FACING

- SECTION 09 75 00 - STONE FACING
- PART 1 - GENERAL
- A. SHOP DRAWINGS: SUBMIT CUTTING AND SETTING DRAWINGS INDICATING SIZES, DIMENSIONS, SECTIONS AND PROFILES OF STONE UNITS, ARRANGEMENT AND PROVISIONS FOR JOINTING, SUPPORTING, ANCHORING AND BONDING STONEWORK, AND OTHER DETAILS SHOWING RELATIONSHIPS WITH ATTACHMENT TO, AND RECEPTION OF, RELATED WORK. STONE DELIVERED TO THE JOBSITE, OR INSTALLED, AND WHICH DOES NOT FALL WITHIN THE ACCEPTED SAMPLE RANGE, MAY BE SUBJECT TO REMOVAL AND REPLACEMENT WITH STONE THAT FALLS WITHIN THE ACCEPTED SAMPLE RANGE AT NO COST TO THE OWNER.
- B. MAINTENANCE DATA: SUBMIT MAINTENANCE INSTRUCTIONS FOR EACH TYPE OF PRODUCT SPECIFIED.
- C. INSTALLER QUALIFICATIONS: SUBCONTRACT THE STONEWORK TO A SINGLE FIRM WITH A MINIMUM OF 10 YEARS SUCCESSFUL EXPERIENCE IN CONVENTIONAL SET STONEWORK COMPARABLE TO THAT SHOWN AND SPECIFIED, IN NOT LESS THAN 3 PROJECTS OF SIMILAR SCOPE TO THE SATISFACTION OF THE ARCHITECT. THE STONEWORK INCLUDES, BUT IS NOT NECESSARILY LIMITED TO, THE FOLLOWING:
- ALL PREPARATION FOR STONEWORK, INCLUDING BUT NOT LIMITED TO, SUBMITTALS, SITE RECEPTION, AND SAMPLE INSTALLATIONS AS SPECIFIED HEREIN.
 - ALL ANCHORS, SUPPORTS, INSERTS AND FASTENERS FOR THE ABOVE, FABRICATION AND INSTALLATION OF SAME.
 - ALL SEALANTS AND JOINT FILLERS IN CONJUNCTION WITH THE ABOVE.
- D. DELEGATED DESIGN: THE CONNECTION SYSTEM AS SHOWN IS SUGGESTED FOR THE STONE INSTALLATION. FINAL CONNECTION DESIGN IS THE SOLE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE THE LOCATION OF CONNECTORS TO BE PLACED IN STONE WITH CONNECTORS TO BE BUILT INTO WOODWORK BACKUP.
- E. FIELD-CONSTRUCTED SAMPLE INSTALLATIONS: AFTER REVIEW OF SAMPLES, ACCEPTANCE OF SHOP DRAWINGS, PREPARE SAMPLE INSTALLATIONS FOR THE FOLLOWING TYPES OF STONEWORK. PURPOSE OF SAMPLE INSTALLATIONS IS IN ESTABLISHING STANDARD OF QUALITY FOR STONE JOINTING AND WORKMANSHIP EXPECTED IN COMPLETED WORK. BUILD SAMPLE INSTALLATIONS TO COMPLY WITH FOLLOWING REQUIREMENTS:
- LOCATE SAMPLE INSTALLATIONS ON SITE WHERE INDICATED OR, IF NOT INDICATED, AS DIRECTED BY ARCHITECT.
 - BUILD SAMPLE INSTALLATIONS OF THE FOLLOWING WORK:
- TYPICAL INTERIOR STONE WALL CLADDING, APPROXIMATELY 72 INCHES LONG BY 96 INCHES HIGH.
 - RETAIN SAMPLE INSTALLATIONS DURING CONSTRUCTION AS A STANDARD FOR JUDGING COMPLETED STONEWORK. DO NOT ALTER, MOVE OR DESTROY SAMPLE INSTALLATIONS UNTIL WORK IS COMPLETED.
- ACCEPTED SAMPLE INSTALLATIONS MAY BECOME PART OF THE COMPLETED WORK IF UNDISTURBED AT TIME OF SUBSTANTIAL COMPLETION. REJECTED SAMPLE INSTALLATIONS SHALL BE COMPLETELY DEMOLISHED, REMOVED AND REPLACED UNTIL ACCEPTED.
- PART 2 - PRODUCTS
- A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.
- B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.
- C. SETTING AND GROUTING MATERIALS: FOR EACH TYPE OF STONE INSTALLATION, OBTAIN COMPATIBLE FORMULATIONS OF SETTING AND GROUTING MATERIALS CONTAINING LATEX OR LATEX ADDITIVES FROM A SINGLE MANUFACTURER.
- MANUFACTURERS:
- CUSTOM BUILDING PRODUCTS.
 - LATICRETE INTERNATIONAL, INC.
 - MAPEI CORPORATION.
- D. POLYMER-MODIFIED GROUT: ANSI A118.7. DRY, REDISPERSIBLE LATEX/POLYMER POWDER FORM, PREPACKAGED WITH OTHER DRY INGREDIENTS AND WHICH CONTAIN DYES THAT HAVE A PROVEN TRACK RECORD OR NOT LEACHING INTO NATURAL STONE. USE SANDED GROUT AT JOINTS 1/8 INCH. COLORS AS SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARDS TO MATCH STONE BEING GROUTED.
- E. SETTING AND GROUTING MATERIALS: FOR EACH TYPE OF STONE INSTALLATION, OBTAIN COMPATIBLE FORMULATIONS OF SETTING AND GROUTING MATERIALS CONTAINING LATEX OR LATEX ADDITIVES FROM A SINGLE MANUFACTURER.
- MANUFACTURERS:
- CUSTOM BUILDING PRODUCTS.
 - LATICRETE INTERNATIONAL, INC.
 - MAPEI CORPORATION.
- F. SETTING BUTTONS: RESILIENT PLASTIC BUTTONS, NONSTAINING TO STONE, SIZED TO SUIT JOINT THICKNESSES AND BED DEPTHS OF STONEWORK INVOLVED.
- G. STONE ANCHORS AND ATTACHMENTS: PROVIDE ANCHORS AND ATTACHMENTS OF TYPE AND SIZE REQUIRED TO SUPPORT STONEWORK AND FABRICATED FROM THE FOLLOWING METALS FOR CONDITIONS AND ANCHORS INDICATED BELOW.
- EXPANSION ANCHORS: STAINLESS STEEL, TYPE 304, TYPE, SIZE AND LOAD CAPACITY AS REQUIRED TO SUPPORT LOADING OF 4 TIMES THE LOADS IMPOSED BY STONE CLADDING SYSTEM. DO NOT USE LEAD SHIELD EXPANSION BOLTS OR CINCH ANCHORS.
 - ANCHOR TIEBACKS: TYPE 304 STAINLESS STEEL DOWELS, CRAMPS, STRAPS, DISCS AND RODS IN STANDARD COMMERCIAL TEMPEMS AND HARDNESS AS REQUIRED TO SUSTAIN IMPOSED LOADS AND IN NO CASE LESS THAN 3/16 INCH THICK, COMPLYING WITH ASTM A 686.
 - SETTING SHIMS: RESILIENT PLASTIC SHIMS, NONSTAINING TO STONE, SIZED TO SUIT JOINT THICKNESSES.
- STONE FABRICATION: FABRICATE INTERIOR STONE FACING IN SIZES AND SHAPES REQUIRED TO COMPLY WITH REQUIREMENTS INDICATED, INCLUDING DETAILS ON DRAWINGS AND SHOP DRAWINGS. UNLESS OTHERWISE SHOWN, PROVIDE SQUARE EDGES TYPICALLY, WITH QUIRK MITERED OUTSIDE CORNERS AT STONE TO STONE JOINTS, TO THE EXTENT INDICATED.
- ACCURATELY CUT, DRESS, DRILL, FIT AND FINISH STONEWORK TO SHAPES, PROFILES AND DIMENSIONS SHOWN ON DRAWINGS AND/OR FINAL SHOP AND SETTING DRAWINGS. MAKE EXPOSED SURFACES STRAIGHT, SHARP, TRUE AND CONTINUOUS AT JOINTS WITHIN THE TOLERANCES SPECIFIED.
2. STONE THICKNESSES:
- WALL CLADDING: 3/4 INCH, UNLESS OTHERWISE SHOWN.
3. FABRICATION TOLERANCES: SIZE AND SQUARENESS:
- UNIT THICKNESS OF 3/8 INCH: +/- 1/64 INCH IN 12 INCHES FOR TILES WITH POLISHED OR HONED FACES; OR PLUS OR MINUS 1/32 INCH FOR TILES WITH SAND-RUBBED, NATURAL-CLEFT, OR THERMAL-FINISHED FACES.
 - UNIT THICKNESS OF 3/4 INCH TO 1-1/2 INCH: +/- 1/8 INCH IN 8 FEET.
 - UNIT THICKNESS OF GREATER THAN 1-1/2 INCH: +/- 1/4-INCH IN 8 FEET.
 - 3/8 INCH STONE TILES WITH SMOOTH FINISH: VARY FROM SPECIFIED THICKNESS BY NOT MORE THAN PLUS OR MINUS 1/32 INCH.
 - 3/8 INCH STONE TILES WITH NATURAL-CLEFT OR THERMAL FINISH: VARY AVERAGE THICKNESS OF EACH TILE FROM SPECIFIED THICKNESS BY NOT MORE THAN PLUS 1/16 INCH, MINUS 0 INCHES.
 - STONE TILES 3/4 INCH THICK OR GREATER: ALL FINISHES: VARY AVERAGE THICKNESS OF EACH TILE FROM SPECIFIED THICKNESS BY NOT MORE THAN PLUS 1/16 INCH.
4. CUT ALL JOINTS AND EDGES SQUARE AND AT RIGHT ANGLES TO FACE, AND WITH BACKS PARALLEL TO FACE. CUT KERFS, REVEALS, AND RUSTICATIONS AS SHOWN. MAKE ARRISES STRAIGHT, SHARP, TRUE, AND CONTINUOUS AT JOINTS. WHERE OVERLAPPED STONE JOINTS OCCUR, FINISH STONE EDGE TO MATCH STONE PANEL FACE.

- CUT AND DRILL STONES IN SHOP AS REQUIRED FOR SUPPORTS, DOWELS, SHIMS, ANCHORS, AND OTHER INSERTS AS REQUIRED FOR RIGID AND SECURE INSTALLATION.
 - PREDRILLED HOLES FOR THE ATTACHMENT OF MECHANICAL ANCHORS SHALL BE DIAMOND-CORED, JIG DRILLED, DRY (IMPACT) DRILLING OF HOLES SHALL NOT BE PERMITTED.
 - BACKCHECK KERFS AS REQUIRED TO ACCEPT STONE SUPPORTS AND TO PROVIDE MAXIMUM WORKING JOINT CLEARANCE AT PANEL TO PANEL JOINTS.
 - THE BOTTOM OF ANY HOLE OR SLOT FOR ANCHOR INSERTION SHALL NOT BE LESS THAN 1/2 INCH FROM EXPOSED PANEL FACE.
 - CLEAN SAWN STONES TO REMOVE RUST STAINS AND FREE IRON PARTICLES.
 - PROVIDE GREATER STONE THICKNESS THAN INDICATED WHERE THICKNESSES INDICATED ARE INSUFFICIENT FOR THE SIZES OR WHERE EXTENT OF CUTOUTS SHOWN DECREASES EFFECTIVE STRENGTH OF THE REMAINING MATERIAL, OR FOR PROPER AND SUFFICIENT ANCHORAGE, SUITABLE AND ADEQUATE BEARING AREAS OR SURFACES. COORDINATE WITH WORK OF OTHER AFFECTED TRADES.
 - FINISH EXPOSED FACES AND EDGES OF STONES TO COMPLY WITH REQUIREMENTS INDICATED FOR FINISH UNDER EACH TYPE AND APPLICATION OF STONE REQUIRED AND TO MATCH APPROVED SAMPLES AND FIELD CONSTRUCTED SAMPLE INSTALLATIONS.
 - CAREFULLY INSPECT FINISHED STONES AT FABRICATION PLANT FOR COMPLIANCE WITH REQUIREMENTS RELATIVE TO QUALITIES OF APPEARANCE, MATERIAL AND FABRICATION. REPLACE DEFECTIVE STONES WITH STONES THAT DO COMPLY.
 - SPOTTING PLASTER: SHIP MIX OF MOLDING PLASTER AND WATER.
 - MIX MORTARS AND GROUTS TO COMPLY WITH THE REQUIREMENTS OF REFERENCED STANDARDS AND WITH MANUFACTURERS' WRITTEN INSTRUCTIONS INCLUDING THOSE FOR ACCURATE PROPORTIONING OF MATERIALS AND LIQUID LATEX ADDITIVE CONTENT; MIX MATERIALS WITH TYPE OF EQUIPMENT, SELECTION OF SPEEDS, IN PROPER CONTAINERS, FOR TIME PERIODS, AND OTHER PROCEDURE NEEDED TO PRODUCE MORTARS AND GROUTS OF UNIFORM QUALITY AND WITH OPTIMUM PERFORMANCE CHARACTERISTICS FOR APPLICATION SPECIFIED OR INDICATED.
- PART 3 - EXECUTION
- A. STONE SETTING AND POINTING SHALL BE IN ACCORDANCE WITH THE APPLICABLE REQUIREMENTS AND RECOMMENDATIONS OF THE MARBLE INSTITUTE OF AMERICA (MIA), UNLESS OTHERWISE SPECIFIED OR SHOWN.
- B. STONEWORK SHALL BE INSTALLED BY SKILLED MECHANICS. EMPLOY SKILLED STONE FITTERS AT THE SITE TO DO NECESSARY FIELD CUTTING AS STONES ARE SET. USE POWER SAWS WITH DIAMOND-TIPPED BLADES TO CUT STONE. CUT LINES STRAIGHT AND TRUE, WITH EDGES EASED SLIGHTLY TO PREVENT SNIFFING.
- C. SET STONE TO COMPLY WITH REQUIREMENTS INDICATED ON DRAWINGS AND SHOP DRAWINGS. INSTALL ANCHORS, SUPPORTS, FASTENERS, AND OTHER ATTACHMENTS INDICATED OR NECESSARY TO SECURE STONEWORK IN PLACE. SHIM AND ADJUST ANCHORS, SUPPORTS, AND ACCESSORIES TO SET STONE ACCURATELY IN LOCATIONS INDICATED, WITH UNIFORM JOINTS OF 1/8 INCH, UNLESS GREATER WIDTHS ARE INDICATED, AND WITH EDGES AND FACES ALIGNED. DO NOT INSTALL STONE UNITS WHICH ARE WARPED, CURLED, CRACKED, CHIPPED, OR BROKEN, DISCOLORED OR NOT PROPERLY FINISHED.
- D. EXTEND STONEWORK INTO RECESSES AND UNDER OR BEHIND EQUIPMENT AND FIXTURES TO FORM A COMPLETE COVERING WITHOUT INTERRUPTIONS, UNLESS OTHERWISE INDICATED. TERMINATE WORK NEATLY AT OBSTRUCTIONS, EDGES, AND CORNERS WITHOUT DISRUPTING PATTERN OR JOINT ALIGNMENTS.
- E. ACCURATELY FORM INTERSECTIONS AND RETURNING. PERFORM CUTTING AND DRILLING OF STONE WITHOUT MARKING VISIBLE SURFACES. FIT STONE CLOSELY TO ELECTRICAL OUTLETS, PIPING, FIXTURES, AND OTHER PENETRATIONS SO PLATES, COLLARS, OR COVERS OVERLAP STONE. WHERE CUT EDGES WILL BE VISIBLE AFTER INSTALLATION, FINISH TO MATCH FACTORY-FABRICATED EDGES.
- F. LAY STONES IN GRID PATTERN, UNLESS OTHERWISE INDICATED. ALIGN JOINTS WHEN ADJOINING STONE UNITS ON FLOOR, BASE, WALLS, AND TRIM ARE THE SAME SIZE. LAY OUT STONEWORK AND CENTER STONE FIELDS IN BOTH DIRECTIONS IN EACH SPACE BEGINNING AT THRESHOLDS. LAY OUT STONEWORK AND CENTER STONE FIELDS IN BOTH DIRECTIONS ON EACH WALL AREA. ADJUST TO MINIMIZE CUTTING.
- G. SET STONE TO COMPLY WITH THE FOLLOWING TOLERANCES:
- VARIATION FROM PLUMB: +/- 1/8 INCH IN 10 FEET NON-CUMULATIVE.
 - VARIATION FROM LEVEL: +/- 1/8 INCH IN 10 FEET
 - VARIATION IN PLANE BETWEEN ADJACENT STONE UNITS (LIPPING): +/- 1/32 INCH DIFFERENCE BETWEEN PLANES OF ADJACENT UNITS.
 - FACE WIDTHS OF JOINTS: +/- 1/32 INCH.
- H. INSTALLATION OF STONE CLADDING
- ERECT CLADDING PLUMB AND TRUE WITH JOINTS UNIFORM IN WIDTH AND ACCURATELY ALIGNED. SECURE STONE UNITS TO BACK-UP WITH ANCHOR TIE-BACKS TO PROVIDE A RIGID INSTALLATION. AT PARTITIONS, CEMENT TIEBACKS INTO STONE WITH SPOTTING PLASTER. PROVIDE SETTING BUTTONS AS REQUIRED TO MAINTAIN JOINT WIDTH. EXERCISE CARE TO QUICKLY REMOVE SPILLAGE FROM FACES OF STONE USING DAMP SPONGES. RAKE OUT JOINTS TO DEPTH REQUIRED TO RECEIVE GROUT AS STONE UNITS ARE SET.
 - TIE-BACKS: PROVIDE A MINIMUM OF 4 ANCHORS PER PANEL UP TO 12 SQ. FT. IN FACE AREA, PLUS A MINIMUM OF 4 ADDITIONAL ANCHORS FOR EACH ADDITIONAL 8 SQ. FT.
 - SET INTERIOR STONE UNITS AT PARTITIONS FIRMLY AGAINST PLASTER SPOTS LOCATED AT OR NEAR THE ANCHORS AND SPACED NOT FURTHER THAN 16 INCHES APART OVER THE BACK OF THE PIECE.
 - GROUT JOINTS FULL AND FLUSH WITH STONE UNIT FACE AFTER SETTING. TOOL JOINTS UNIFORMLY AND SMOOTHLY, WITHOUT VOIDS, PINHOLES, OR LOW SPOTS, WITH SHALLOW CONCAVE PROFILED PLASTIC TOOL.
- I. UPON COMPLETION OF PLACEMENT AND GROUTING, REMOVE LATEX-PORTLAND CEMENT GROUT RESIDUE AND HAZE FROM STONE AS SOON AS POSSIBLE.
- END OF SECTION 09 75 00

FABRIC-WRAPPED PANELS

- SECTION 09 77 23 - FABRIC-WRAPPED PANELS
- PART 1 - GENERAL
- 1.1 SUBMITTALS
- A. SHOP DRAWINGS: INCLUDE ATTACHMENT DEVICES; AND DETAILS AT HEAD, BASE, JOINTS, CORNERS, AND INTERSECTIONS WITH SHELVES, COUNTERTOPS, DOORS, ELECTRICAL OUTLETS AND SWITCHES, THERMOSTATS, AND OTHER COMPONENTS. INDICATE PANEL EDGE AND CORE MATERIALS.
- INCLUDE ELEVATIONS SHOWING PANEL SIZES AND DIRECTION OF FABRIC WEAVE.
- B. COORDINATION DRAWINGS: SHOW RELATION OF FABRIC-WRAPPED PANELS TO CASEWORK. SHOW OPERATION OF CASEWORK DRAWERS AND DOORS.
- C. QUALIFICATION DATA: FOR INSTALLER.
- 1.2 QUALITY ASSURANCE
- A. INSTALLER QUALIFICATIONS: FABRICATOR OF PRODUCTS.
- 1.3 DELIVERY, STORAGE, AND HANDLING
- A. PROTECT FABRIC-WRAPPED PANELS FROM EXCESSIVE MOISTURE IN SHIPMENT, STORAGE, AND HANDLING. DELIVER IN UNOPENED BUNDLES AND STORE IN A DRY PLACE WITH ADEQUATE AIR CIRCULATION.
- 1.4 FIELD CONDITIONS
- A. ENVIRONMENTAL LIMITATIONS: DO NOT INSTALL FABRIC-WRAPPED PANELS UNTIL SPACES ARE ENCLOSED AND WEATHERPROOF. WET WORK IN SPACES IS COMPLETE AND DRY. WORK ABOVE CEILINGS IS COMPLETE, AND AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS ARE MAINTAINED AT THE LEVELS INDICATED FOR PROJECT WHEN OCCUPIED FOR ITS INTENDED USE.
- B. LIGHTING: DO NOT INSTALL FABRIC-WRAPPED PANELS UNTIL A PERMANENT LEVEL OF LIGHTING IS PROVIDED ON SURFACES TO RECEIVE FABRIC-WRAPPED PANELS.
- C. AIR-QUALITY LIMITATIONS: PROTECT FABRIC-WRAPPED PANELS FROM EXPOSURE TO AIRBORNE ODORS SUCH AS TOBACCO SMOKE, AND INSTALL PANELS UNDER CONDITIONS FREE FROM ODOR CONTAMINATION OF AMBIENT AIR.
- D. FIELD MEASUREMENTS: VERIFY LOCATIONS OF FABRIC-WRAPPED PANELS BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.
- PART 2 - PRODUCTS
- 2.1 PRODUCTS
- THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.
 - ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.
 - MOUNTING DEVICES: AS RECOMMENDED BY MANUFACTURER. CONCEALED ON BACK OF PANEL. RECOMMENDED TO SUPPORT WEIGHT OF PANEL.
- PART 3 - EXECUTION
- 3.1 INSTALLATION
- EXAMINE FABRIC, SUBSTRATES, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS, INSTALLATION TOLERANCES, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF FABRIC-WRAPPED PANELS.
 - INSTALL FABRIC-WRAPPED PANELS VERTICAL AND PLUMB, IF APPLICABLE, TRUE IN PLANE, AND WITH FABRIC INSTALLED SQUARE TO THE GRAIN. MATCH AND LEVEL FABRIC PATTERN AND GRAIN.
 - PANEL JOINTS: NO GREATER THAN 1/32 INCH (0.8 MM) WIDE.
- END OF SECTION 09 77 23

INTERIOR PAINTING

- SECTION 09 91 23 - INTERIOR PAINTING
- PART 1 - GENERAL
- A. PAINT EXPOSED SURFACES: IF AN ITEM OR A SURFACE IS NOT SPECIFICALLY MENTIONED, PAINT THE ITEM OR SURFACE THE SAME AS SIMILAR ADJACENT MATERIALS OR SURFACES. PAINTING INCLUDES FIELD PAINTING OF EXPOSED BARE AND COVERED PIPES AND DUCTS (INCLUDING COLOR COODING), HANGERS, EXPOSED STEEL AND IRON SUPPORTS, AND SURFACES OF MECHANICAL AND ELECTRICAL EQUIPMENT THAT DO NOT HAVE A FACTORY-APPLIED FINISH.
- DO NOT PAINT PREFINISHED ITEMS, CONCEALED SURFACES, FINISHED METAL SURFACES, OPERATING PARTS, AND LABELS.
- B. SAMPLES: SUBMIT PAINT SAMPLES ON 12 INCH SQUARES OF ACTUAL SUBSTRATE TO BE COATED FOR THE ARCHITECT'S REVIEW OF EACH COLOR AND TEXTURE REQUIRED.
- C. APPLICATOR QUALIFICATIONS: ENGAGE AN EXPERIENCED APPLICATOR WHO HAS COMPLETED PAINTING SYSTEM APPLICATIONS SIMILAR IN MATERIAL, DESIGN, AND EXTENT TO THOSE INDICATED FOR THIS PROJECT, WHOSE WORK HAS RESULTED IN APPLICATIONS WITH A RECORD OF SUCCESSFUL IN-SERVICE PERFORMANCE.
- PART 2 - PRODUCTS
- A. PRODUCTS/MAUFACTURERS:
- AURA WATERBORNE INTERIOR MATTE FINISH: BENJAMIN MOORE & CO.
 - ULTRA-HIDE 220 INTERIOR LATEX: GLIDDEN PROFESSIONAL.
 - PURE PERFORMANCE INTERIOR FLAT LATEX: PPG INDUSTRIES, INC. (PITTSBURGH PAINTS).
 - EMERALD INTERIOR ACRYLIC LATEX: SHERWIN-WILLIAMS CO.
- B. MATERIAL COMPATIBILITY: PROVIDE PRIMERS AND FINISH-COAT MATERIALS THAT ARE COMPATIBLE WITH ONE ANOTHER AND WITH THE SUBSTRATES INDICATED UNDER CONDITIONS OF SERVICE AND APPLICATION, AS DEMONSTRATED BY MANUFACTURER BASED ON TESTING AND FIELD EXPERIENCE. FOR EACH COAT IN A PAINT SYSTEM, PROVIDE PRODUCTS RECOMMENDED IN WRITING BY MANUFACTURERS OF TOPCOAT FOR USE IN PAINT SYSTEM AND ON SUBSTRATE INDICATED.
- C. VOC CONTENT OF FIELD-APPLIED INTERIOR PAINTS AND COATINGS: ARCHITECTURAL PAINTS AND COATINGS APPLIED TO INTERIOR WALLS AND CEILINGS SHALL NOT EXCEED THE VOLATILE ORGANIC COMPOUND (VOC) CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-1. PAINTS: 1ST EDITION, MAY 20, 1993.
- D. MATERIAL QUALITY: PROVIDE MANUFACTURER'S BEST-QUALITY PAINT MATERIAL OF THE VARIOUS COATING TYPES SPECIFIED THAT ARE FACTORY FORMULATED AND RECOMMENDED BY MANUFACTURER FOR APPLICATION INDICATED. PAINT-MATERIAL CONTAINERS NOT DISPLAYING MANUFACTURER'S PRODUCT IDENTIFICATION MAY NOT BE ACCEPTABLE.
- USE OF MANUFACTURER'S PROPRIETARY PRODUCT NAMES TO DESIGNATE COLORS OR MATERIALS IS NOT INTENDED TO IMPLY THAT PRODUCTS NAMED ARE REQUIRED TO BE USED TO THE EXCLUSION OF EQUIVALENT PRODUCTS OF OTHER MANUFACTURERS. FURNISH MANUFACTURERS MATERIAL DATA AND CONTENT LIMITS ESTABLISHED IN GREEN SEAL STANDARD GS-1.
- E. INTERIOR PRIMERS: INTERIOR LATEX-BASED PRIMER OF FINISH COAT MANUFACTURER AND RECOMMENDED IN WRITING BY MANUFACTURER FOR USE WITH FINISH COAT AND ON SUBSTRATE INDICATED.
- F. INTERIOR FLAT ACRYLIC PAINT: FACTORY-FORMULATED FLAT ACRYLIC-EMULSION LATEX PAINT FOR INTERIOR APPLICATION.
- G. INTERIOR FLAT LATEX-EMULSION SIZE: FACTORY-FORMULATED FLAT LATEX-BASED INTERIOR PAINT.
- H. INTERIOR LOW-LUSTER ACRYLIC ENAMEL: FACTORY-FORMULATED EGGSHELL ACRYLIC-LATEX INTERIOR APPLICATION.
- I. INTERIOR SEMI-GLOSS ACRYLIC ENAMEL: FACTORY-FORMULATED SEMI-GLOSS ACRYLIC-LATEX ENAMEL FOR INTERIOR APPLICATION.
- J. INTERIOR FULL-GLOSS ACRYLIC ENAMEL: FACTORY-FORMULATED FULL-GLOSS ACRYLIC-LATEX INTERIOR APPLICATION.
- PART 3 - EXECUTION
- A. COMPLY WITH PROCEDURES SPECIFIED IN PDCA P4.
- B. REMOVE HARDWARE AND HARDWARE ACCESSORIES, PLATES, MACHINED SURFACES, LIGHTING FIXTURES, AND SIMILAR ITEMS ALREADY INSTALLED THAT ARE NOT TO BE PAINTED OR PROVIDE SURFACE-APPLIED PROTECTION BEFORE SURFACE PREPARATION AND PAINTING. AFTER COMPLETING PAINTING OPERATIONS IN EACH SPACE OR AREA, REINSTALL ITEMS REMOVED USING WORKERS SKILLED IN THE TRADES INVOLVED.
- C. CLEAN AND PREPARE SURFACES TO BE PAINTED ACCORDING TO MANUFACTURERS WRITTEN INSTRUCTIONS FOR EACH PARTICULAR SUBSTRATE CONDITION AND AS SPECIFIED. PROVIDE BARRIER COATS OVER INCOMPATIBLE PRIMERS OR REMOVE AND REPRIME.
- D. APPLY PAINT ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. USE APPLICATORS AND TECHNIQUES BEST SUITED FOR SUBSTRATE AND TYPE OF MATERIAL BEING APPLIED.
- E. APPLY PAINTS AND COATINGS BY BRUSH, ROLLER, SPRAY, OR OTHER APPLICATORS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. FINISH MUST BE COMPARABLE TO A WHITE WOVEN SHORT NAP ROLLER FINISH.
- F. APPLY PAINT MATERIALS NO THINNER THAN MANUFACTURER'S RECOMMENDED SPREADING RATE TO ACHIEVE DRY FILM THICKNESS INDICATED. PROVIDE TOTAL DRY FILM THICKNESS OF THE ENTIRE SYSTEM AS RECOMMENDED BY MANUFACTURER.
- G. APPLY PAINT TO SURFACES BEHIND MOVABLE EQUIPMENT AND FURNITURE THE SAME AS SIMILAR EXPOSED SURFACES. BEFORE FINAL INSTALLATION OF EQUIPMENT, PAINT SURFACES BEHIND PERMANENTLY FIXED EQUIPMENT OR FURNITURE WITH PRIME COAT ONLY.
- H. APPLY PAINT TO INTERIOR SURFACES OF DUCTS WITH A FLAT, NONSPECULAR BLACK PAINT WHERE VISIBLE THROUGH REGISTERS OR GRILLES.
- I. BEFORE APPLYING FINISH COATS, APPLY A PRIME COAT, AS RECOMMENDED BY MANUFACTURER, TO MATERIAL THAT IS REQUIRED TO BE PAINTED OR FINISHED AND THAT HAS NOT BEEN PRIME COATED BY OTHERS. RECOAT PRIMED AND SEALED SURFACES WHERE EVIDENCE OF SUCTION SPOTS OR UNSEALED AREAS IN FIRST COAT APPEARS, TO ENSURE A FINISH COAT WITH NO BURR-THROUGH OR OTHER DEFECTS DUE TO INSUFFICIENT SEALING.
- OMIT PRIMER OVER METAL SURFACES THAT HAVE BEEN SHOP PRIMED AND TOUCH-UP PAINTED.
- J. COMPLETELY COVER SURFACES WITH PIGMENTED (OPAQUE) FINISHES AS NECESSARY TO PROVIDE A SMOOTH, OPAQUE SURFACE OF UNIFORM FINISH, COLOR, APPEARANCE, AND COVERAGE. CLOUDINESS, SPOTTING, HOLIDAYS, LAPS, BRUSH MARKS, RUNS, SAGS, ROPINESS, OR OTHER SURFACE IMPERFECTIONS WILL NOT BE ACCEPTABLE.
- IF UNDERCOATS, STAINS, OR OTHER CONDITIONS SHOW THROUGH FINAL COAT OF PAINT, APPLY ADDITIONAL COATS UNTIL PAINT FILM IS OF UNIFORM FINISH, COLOR, AND APPEARANCE. GIVE SPECIAL ATTENTION TO ENSURE THAT EDGES, CORNERS, CREVICES, WELDS, AND EXPOSED FASTENERS RECEIVE A DRY FILM THICKNESS EQUIVALENT TO THAT OF FLAT SURFACES.
- K. MATCH APPROVED SAMPLES FOR COLOR, TEXTURE, AND COVERAGE. REMOVE, REFINISH, OR REPANT WORK NOT COMPLYING WITH REQUIREMENTS.
- L. AT THE END OF EACH WORKDAY, REMOVE EMPTY CANS, RAGS, RUBBISH, AND OTHER DISCARDED PAINT MATERIALS FROM PROJECT SITE. AFTER COMPLETING PAINTING, CLEAN GLASS AND PAINT-SPATTERED SURFACES. REMOVE SPATTERED PAINT BY WASHING AND SCRUBBING WITHOUT SCRATCHING OR DAMAGING ADJACENT FINISHED SURFACES.
- M. PROTECT WORK OF OTHER TRADES AGAINST DAMAGE FROM PAINT APPLICATION. CORRECT DAMAGE TO WORK OF OTHER TRADES BY CLEANING, REPAIRING, REPLACING, AND REFINISHING, AS APPROVED BY ARCHITECT, AND LEAVE IN AN UNDAMAGED CONDITION.
- N. PROVIDE "WET PAINT" SIGNS TO PROTECT NEWLY PAINTED FINISHES. AFTER COMPLETING PAINTING OPERATIONS, REMOVE TEMPORARY PROTECTIVE WRAPPINGS PROVIDED BY OTHERS TO PROTECT THEIR WORK. AFTER WORK OF OTHER TRADES IS COMPLETE, TOUCH-UP AND RESTORE DAMAGED OR DEFACED PAINTED SURFACES. COMPLY WITH PROCEDURES SPECIFIED IN PDCA P1.
- END OF SECTION 09 91 23

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

SPECIFICATIONS

A 10.09

VISUAL DISPLAY UNITS

SECTION 10 11 00 - VISUAL DISPLAY UNITS

PART 1 - GENERAL

1.1 SUMMARY

A. SECTION INCLUDES TACKABLE BOARDS AT BACK OF HOUSE.

1.2 SUBMITTALS

A. SHOP DRAWINGS: FOR VISUAL DISPLAY UNITS.

1. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENT TO OTHER WORK.

2. SHOW LOCATIONS OF PANEL JOINTS.

B. QUALIFICATION DATA: FOR QUALIFIED INSTALLER.

1.3 QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: AN ENTITY THAT EMPLOYS INSTALLERS AND SUPERVISORS WHO ARE TRAINED AND APPROVED BY MANUFACTURER.

1.4 DELIVERY, STORAGE, AND HANDLING

A. DELIVER FACTORY-FABRICATED VISUAL DISPLAY UNITS COMPLETELY ASSEMBLED IN ONE PIECE. IF DIMENSIONS EXCEED MAXIMUM MANUFACTURED UNIT SIZE, OR IF UNIT SIZE IS IMPRACTICABLE TO SHIP IN ONE PIECE, PROVIDE TWO OR MORE PIECES WITH JOINTS IN LOCATIONS INDICATED ON APPROVED SHOP DRAWINGS.

1.5 PROJECT CONDITIONS

A. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL VISUAL DISPLAY UNITS UNTIL SPACES ARE ENCLOSED AND WEATHERTIGHT; WETWORK IN SPACES IS COMPLETE AND DRY, WORK ABOVE CEILINGS IS COMPLETE, AND TEMPORARY HVAC SYSTEM IS OPERATING AND MAINTAINING AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS AT OCCUPANCY LEVELS DURING THE REMAINDER OF THE CONSTRUCTION PERIOD.

B. FIELD MEASUREMENTS: VERIFY ACTUAL DIMENSIONS OF CONSTRUCTION CONTIGUOUS WITH VISUAL DISPLAY UNITS BY FIELD MEASUREMENTS BEFORE FABRICATION.

1. ALLOW FOR TRIMMING AND FITTING WHERE TAKING FIELD MEASUREMENTS BEFORE FABRICATION MIGHT DELAY THE WORK.

PART 2 - PRODUCTS

2.1 PRODUCTS

A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.

B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE SUBSTRATES AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES, SURFACE CONDITIONS OF WALL, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.

B. EXAMINE ROUGHING-IN FOR ELECTRICAL POWER SYSTEMS TO VERIFY ACTUAL LOCATIONS OF CONNECTIONS BEFORE INSTALLATION OF MOTORIZED SLIDING VISUAL DISPLAY UNITS.

C. EXAMINE WALLS AND PARTITIONS FOR PROPER PREPARATION AND BACKING FOR VISUAL DISPLAY UNITS.

D. EXAMINE WALLS AND PARTITIONS FOR SUITABLE FRAMING DEPTH WHERE SLIDING VISUAL DISPLAY UNITS WILL BE INSTALLED.

E. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 PREPARATION

A. COMPLY WITH MANUFACTURER'S WRITTEN INSTRUCTIONS FOR SURFACE PREPARATION.

B. CLEAN SUBSTRATES OF SUBSTANCES, SUCH AS DIRT, MOLD, AND MILDEW, THAT COULD IMPAIR THE PERFORMANCE OF AND AFFECT THE SMOOTH, FINISHED SURFACES OF VISUAL DISPLAY BOARDS.

C. PREPARE SURFACES TO ACHIEVE A SMOOTH, DRY, CLEAN SURFACE FREE OF FLAKING, UNSOUND COATINGS, CRACKS, DEFECTS, PROJECTIONS, DEPRESSIONS, AND SUBSTANCES THAT WILL IMPAIR BOND BETWEEN VISUAL DISPLAY UNITS AND WALL SURFACES.

D. PRIME WALL SURFACES INDICATED TO RECEIVE VISUAL DISPLAY UNITS AND AS RECOMMENDED IN WRITING BY PRIMER/SEALER MANUFACTURER AND VISUAL DISPLAY UNIT MANUFACTURER.

3.3 INSTALLATION

A. GENERAL: INSTALL VISUAL DISPLAY SURFACES IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED ON DRAWINGS, OR IF NOT INDICATED, AT HEIGHTS INDICATED BELOW. KEEP PERIMETER LINES STRAIGHT, LEVEL, AND PLUMB. PROVIDE GROUNDS, CLIPS, BACKING MATERIALS, ADHESIVES, BRACKETS, ANCHORS, TRIM, AND ACCESSORIES NECESSARY FOR COMPLETE INSTALLATION.

B. FACTORY-FABRICATED VISUAL DISPLAY BOARD ASSEMBLIES: ATTACH CONCEALED CLIPS, HANGERS, AND GROUNDS TO WALL SURFACES AND TO VISUAL DISPLAY BOARD ASSEMBLIES WITH FASTENERS AT NOT MORE THAN 16 INCHES (400 MM) O.C. SECURE TOPS AND BOTTOMS OF BOARDS TO WALLS.

3.4 CLEANING AND PROTECTION

A. CLEAN VISUAL DISPLAY UNITS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS. ATTACH ONE REMOVABLE CLEANING INSTRUCTIONS LABEL TO VISUAL DISPLAY UNIT IN EACH ROOM.

B. TOUCH UP FACTORY-APPLIED FINISHES TO RESTORE DAMAGED OR SOILED AREAS.

C. COVER AND PROTECT VISUAL DISPLAY UNITS AFTER INSTALLATION AND CLEANING.

END OF SECTION 10 11 00

DISPLAY CASES

SECTION 10 12 00 - DISPLAY CASES

PART 1 - GENERAL

1.1 ACTION SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT.

1. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR DISPLAY CASES, INCLUDE FURNISHED SPECIALTIES AND ACCESSORIES.

2. INCLUDE ELECTRICAL CHARACTERISTICS FOR ILLUMINATED DISPLAY CASES.

B. SHOP DRAWINGS: FOR DISPLAY CASES.

1. INCLUDE PLANS, ELEVATIONS, SECTIONS, AND ATTACHMENT DETAILS.

2. INCLUDE SECTIONS OF TYPICAL TRIM MEMBERS.

3. INCLUDE DIAGRAMS FOR WIRING OF ILLUMINATED DISPLAY CASES.

1.2 PROJECT CONDITIONS

A. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL DISPLAY CASES FOR INDOOR INSTALLATIONS UNTIL SPACES ARE ENCLOSED AND WEATHERTIGHT; WETWORK IN SPACES IS COMPLETE AND DRY, WORK ABOVE CEILINGS IS COMPLETE, AND TEMPORARY HVAC SYSTEM IS OPERATING AND MAINTAINING AMBIENT TEMPERATURE AND HUMIDITY CONDITIONS AT OCCUPANCY LEVELS DURING THE REMAINDER OF THE CONSTRUCTION PERIOD.

PART 2 - PRODUCTS

2.1 DISPLAY CASE

A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.

B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.

C. ILLUMINATION SYSTEM: CONCEALED TOP LIGHTING SYSTEM CONSISTING OF FLUORESCENT STRIP FIXTURES, INCLUDE LAMPS AND INTERNAL WIRING WITH SINGLE CONCEALED ELECTRICAL CONNECTION TO BUILDING SYSTEM. COORDINATE ELECTRICAL CHARACTERISTICS WITH POWER SUPPLY PROVIDED.

1. BALLASTS: LOW-TEMPERATURE, HIGH-POWER-FACTOR, LOW-ENERGY, FLUORESCENT LAMP BALLASTS THAT COMPLY WITH CERTIFIED BALLAST MANUFACTURERS ASSOCIATION STANDARDS AND CARRY ITS LABEL.

a. ELECTRICAL CHARACTERISTICS: SINGLE PHASE, [120] [277] VOLTS.

2.2 MATERIALS

A. FASTENERS: PROVIDE SCREWS, BOLTS, AND OTHER FASTENING DEVICES MADE FROM SAME MATERIAL AS ITEMS BEING FASTENED. EXCEPT PROVIDE HOT-DIP GALVANIZED, STAINLESS-STEEL, OR ALUMINUM FASTENERS FOR EXTERIOR APPLICATIONS. PROVIDE TYPES, SIZES, AND LENGTHS TO SUIT INSTALLATION CONDITIONS. USE SECURITY FASTENERS WHERE EXPOSED TO VIEW.

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE WALLS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES, SURFACE CONDITIONS OF WALL, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.

B. EXAMINE ROUGHING-IN FOR ELECTRICAL POWER SYSTEMS TO VERIFY ACTUAL LOCATIONS OF CONNECTIONS BEFORE INSTALLATION OF ILLUMINATED UNITS.

C. EXAMINE WALLS AND PARTITIONS FOR PROPER BACKING FOR DISPLAY CASES.

D. EXAMINE WALLS AND PARTITIONS FOR SUITABLE FRAMING DEPTH IF RECESSED UNITS WILL BE INSTALLED.

E. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 PREPARATION

A. PREPARE RECESSES FOR DISPLAY CASES AS REQUIRED BY TYPE AND SIZE OF UNIT.

3.3 INSTALLATION

A. GENERAL: INSTALL UNITS IN LOCATIONS AND AT MOUNTING HEIGHTS INDICATED ON DRAWINGS, OR IF NOT INDICATED, AT HEIGHTS INDICATED BELOW. KEEP PERIMETER LINES STRAIGHT, LEVEL, AND PLUMB. PROVIDE GROUNDS, CLIPS, BACKING MATERIALS, ADHESIVES, BRACKETS, ANCHORS, TRIM, AND ACCESSORIES NECESSARY FOR COMPLETE INSTALLATION.

B. RECESSED DISPLAY CASES: ATTACH UNITS TO WALL FRAMING WITH FASTENERS AT NOT MORE THAN 16 INCHES (400 MM) O.C. ATTACH ALUMINUM TRIM OVER EDGES OF RECESSED DISPLAY CASES AND CONCEAL GROUNDS AND CLIPS. ATTACH TRIM WITH FASTENERS AT NOT MORE THAN 24 INCHES (600 MM) O.C.

C. SURFACE-MOUNTED DISPLAY CASES: ATTACH UNITS TO WALL SURFACES WITH CONCEALED CLIPS, HANGERS, OR GROUNDS FASTENED AT NOT MORE THAN 16 INCHES (400 MM) O.C. SECURE TOPS AND BOTTOMS OF DISPLAY CASES TO WALLS.

D. COMPLY WITH REQUIREMENTS SPECIFIED ELSEWHERE FOR CONNECTING ILLUMINATED DISPLAY CASES.

E. INSTALL DISPLAY CASE SHELVING LEVEL AND STRAIGHT.

3.4 ADJUSTING AND CLEANING

A. ADJUST DOORS TO OPERATE SMOOTHLY WITHOUT WARP OR BIND AND SO CONTACT POINTS MEET ACCURATELY. LUBRICATE OPERATING HARDWARE AS RECOMMENDED BY MANUFACTURER.

B. TOUCH UP FACTORY-APPLIED FINISHES TO RESTORE DAMAGED AREAS.

END OF SECTION 10 12 00

C.

PLAQUES

SECTION 10 14 16 - PLAQUES

PART 1 - GENERAL

1.1 DEFINITIONS

A. ACCESSIBLE IN ACCORDANCE WITH THE ACCESSIBILITY STANDARD.

1.2 SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT.

B. SHOP DRAWINGS: FOR PLAQUES.

1. INCLUDE FABRICATION AND INSTALLATION DETAILS AND ATTACHMENTS TO OTHER WORK.

2. SHOW PLAQUE MOUNTING HEIGHTS, LOCATIONS OF SUPPLEMENTARY SUPPORTS TO BE PROVIDED BY OTHERS, AND ACCESSORIES.

3. SHOW MESSAGE LIST, TYPESTYLES, GRAPHIC ELEMENTS, INCLUDING RAISED CHARACTERS AND BRAILLE, AND LAYOUT FOR EACH PLAQUE AT LEAST HALF SIZE.

C. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF PLAQUE SHOWING ALL COMPONENTS AND WITH THE REQUIRED FINISHES), IN MANUFACTURER'S STANDARD SIZE UNLESS OTHERWISE INDICATED AND AS FOLLOWS:

1. PLAQUES: FULL-SIZE SAMPLE.

2. EXPOSED ACCESSORIES: FULL-SIZE SAMPLE OF EACH ACCESSORY TYPE.

D. PLAQUE SCHEDULE: USE SAME DESIGNATIONS SPECIFIED OR INDICATED ON DRAWINGS OR IN A PLAQUE OR SIGN SCHEDULE.

E. QUALIFICATION DATA: FOR INSTALLER AND MANUFACTURER.

F. SAMPLE WARRANTY: FOR SPECIAL WARRANTY.

G. MAINTENANCE DATA: FOR PLAQUES TO INCLUDE IN MAINTENANCE MANUALS.

1.3 QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: AN ENTITY THAT EMPLOYS INSTALLERS AND SUPERVISORS WHO ARE TRAINED AND APPROVED BY MANUFACTURER.

1.4 WARRANTY

A. SPECIAL WARRANTY: MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF PLAQUES THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.

1. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

a. DETERIORATION OF FINISHES BEYOND NORMAL WEATHERING.

b. DETERIORATION OF EMBEDDED GRAPHIC IMAGE.

2. WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

A. ACCESSIBILITY STANDARD: COMPLY WITH APPLICABLE PROVISIONS IN THE U.S. ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S ADA-ABA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AND ICC A117.1 FOR SIGNS.

2.2 PLAQUES

A. CAST PLAQUE: PLAQUE WITH BACKGROUND TEXTURE, BORDER, AND CHARACTERS HAVING UNIFORM FACES, SHARP CORNERS, AND PRECISELY FORMED LINES AND PROFILES.

B. REFER TO DRAWINGS FOR DETAILED INFORMATION.

2.3 MATERIALS

A. STAINLESS-STEEL SHEET: ASTM A 240/A 240M OR ASTM A 666, TYPE 304, STRETCHER-LEVELLED STANDARD OF FLATNESS.

2.4 ACCESSORIES

A. FASTENERS AND ANCHORS: MANUFACTURERS STANDARD AS REQUIRED FOR SECURE ANCHORAGE OF PLAQUES, NONCORROSIVE AND COMPATIBLE WITH EACH MATERIAL JOINED, AND COMPLYING WITH THE FOLLOWING:

1. USE CONCEALED FASTENERS AND ANCHORS UNLESS INDICATED TO BE EXPOSED.

2. PLAQUE MOUNTING FASTENERS:

a. CONCEALED STUDS: CONCEALED (BLIND), THREADED STUDS WELDED OR BRAZED TO BACK OF PLAQUE, SCREWED INTO BACK OF PLAQUE, OR SCREWED INTO TAPPED LUGS CAST INTEGRALLY INTO BACK OF PLAQUE, UNLESS OTHERWISE INDICATED.

B. ADHESIVE, AS RECOMMENDED BY PLAQUE MANUFACTURER.

C. BITUMINOUS PAINT: COLD-APPLIED ASPHALT EMULSION COMPLYING WITH ASTM D 1187.

2.5 FABRICATION

A. GENERAL: PROVIDE MANUFACTURER'S STANDARD PLAQUES ACCORDING TO REQUIREMENTS INDICATED.

1. PREASSEMBLE PLAQUES IN THE SHOP TO GREATEST EXTENT POSSIBLE. DISASSEMBLE PLAQUES ONLY AS NECESSARY FOR SHIPPING AND HANDLING LIMITATIONS. CLEARLY MARK UNITS FOR REASSEMBLY AND INSTALLATION. APPLY MARKINGS IN LOCATIONS CONCEALED FROM VIEW AFTER FINAL ASSEMBLY.

2. MILL JOINTS TO A TIGHT, HAIRLINE FIT. FORM ASSEMBLIES AND JOINTS EXPOSED TO WEATHER TO RESIST WATER PENETRATION AND RETENTION.

3. COMPLY WITH AWS FOR RECOMMENDED PRACTICES IN WELDING AND BRAZING. PROVIDE WELDS AND BRAZES BEHIND FINISHED SURFACES WITHOUT DISTORTING OR DISCOLORING EXPOSED SIDE. CLEAN EXPOSED WELDED AND BRAZED CONNECTIONS OF FLUX, AND DRESS EXPOSED AND CONTACT SURFACES.

4. CONCEAL CONNECTIONS IF POSSIBLE. OTHERWISE, LOCATE CONNECTIONS WHERE THEY ARE INCONSPICUOUS.

5. PROVIDE REBATES, LUGS, AND BRACKETS NECESSARY TO ASSEMBLE COMPONENTS AND TO ATTACH TO EXISTING WORK. DRILL AND TAP FOR REQUIRED FASTENERS. USE CONCEALED FASTENERS WHERE POSSIBLE; USE EXPOSED FASTENERS THAT MATCH PLAQUE FINISH.

6. CASTINGS: FABRICATE CASTINGS FREE OF WARP, CRACKS, BLOWHOLES, PITS, SCALE, SAND HOLES, AND OTHER DEFECTS THAT IMPAIR APPEARANCE OR STRENGTH. GRIND, WIRE BRUSH, SANDBLAST, AND BUFF CASTINGS TO REMOVE SEAMS, GATE MARKS, CASTING FLASH, AND OTHER CASTING MARKS BEFORE FINISHING.

7. SURFACES INDICATED TO KEEP PERIMETER LINES STRAIGHT, LEVEL, AND PLUMB. SURFACE INDICATED TO PRODUCE PRECISELY FORMED COPY, INCISED TO UNIFORM DEPTH.

1. ENGRAVED METAL: FILL ENGRAVED GRAPHICS WITH MANUFACTURER'S STANDARD BAKED ENAMEL.

C. BRACKETS: FABRICATE BRACKETS, FITTINGS, AND HARDWARE FOR BRACKET-MOUNTED PLAQUES TO SUIT PLAQUE CONSTRUCTION AND MOUNTING CONDITIONS INDICATED. MODIFY MANUFACTURER'S STANDARD BRACKETS AS REQUIRED.

1. STAINLESS-STEEL BRACKETS: FACTORY FINISH BRACKETS TO MATCH PLAQUE BACKGROUND FINISH UNLESS OTHERWISE INDICATED.

2.6 GENERAL FINISH REQUIREMENTS

A. PROTECT MECHANICAL FINISHES ON EXPOSED SURFACES FROM DAMAGE BY APPLYING A STRIPPABLE, TEMPORARY PROTECTIVE COVERING BEFORE SHIPPING.

B. APPEARANCE OF FINISHED WORK: NOTICEABLE VARIATIONS IN SAME PIECE ARE NOT ACCEPTABLE. VARIATIONS IN APPEARANCE OF ADJOINING COMPONENTS ARE ACCEPTABLE IF THEY ARE WITHIN THE RANGE OF APPROVED SAMPLES AND ARE ASSEMBLED OR INSTALLED TO MINIMIZE CONTRAST.

C. DIRECTIONAL FINISHES: RUN GRAIN WITH LONG DIMENSION OF EACH PIECE AND PERPENDICULAR TO LONG DIMENSION OF FINISHED TRIM OR BORDER SURFACE UNLESS OTHERWISE INDICATED.

D. ORGANIC, ANODIC, AND CHEMICALLY PRODUCED FINISHES: APPLY TO FORMED METAL AFTER FABRICATION BUT BEFORE APPLYING CONTRASTING POLISHED FINISHES ON RAISED FEATURES UNLESS OTHERWISE INDICATED.

2.7 STAINLESS-STEEL FINISHES

A. SURFACE PREPARATION: REMOVE TOOL AND DIE MARKS AND STRETCH LINES, OR BLEND INTO FINISH.

B. POLISHED FINISHES: GRIND AND POLISH SURFACES TO PRODUCE UNIFORM FINISH, FREE OF CROSS SCRATCHES.

1. WHEN POLISHING IS COMPLETED, PASSIVATE AND RINSE SURFACES. REMOVE EMBEDDED FOREIGN MATTER AND LEAVE SURFACES CHEMICALLY CLEAN.

2. DULL SATIN FINISH: NO. 6.

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF PLAQUE WORK.

B. VERIFY THAT PLAQUE-SUPPORT SURFACES ARE WITHIN TOLERANCES TO ACCOMMODATE PLAQUES WITHOUT GAPS OR IRREGULARITIES BETWEEN BACKS OF PLAQUES AND SUPPORT SURFACES UNLESS OTHERWISE INDICATED.

C. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 INSTALLATION

A. GENERAL: INSTALL PLAQUES USING MOUNTING METHODS INDICATED AND ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

1. INSTALL PLAQUES LEVEL, PLUMB, TRUE TO LINE, AND AT LOCATIONS AND HEIGHTS INDICATED, WITH PLAQUE SURFACES FREE OF DISTORTION AND OTHER DEFECTS IN APPEARANCE.

2. INSTALL PLAQUES SO THEY DO NOT PROTRUDE OR OBSTRUCT ACCORDING TO THE ACCESSIBILITY STANDARD.

3. BEFORE INSTALLATION, VERIFY THAT PLAQUE SURFACES ARE CLEAN AND FREE OF MATERIALS OR DEBRIS THAT WOULD IMPAIR INSTALLATION.

4. CORROSION PROTECTION: COAT CONCEALED SURFACES OF EXTERIOR ALUMINUM IN CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DISSIMILAR METALS, WITH A HEAVY COAT OF BITUMINOUS PAINT.

B. PLAQUES USED FOR ROOM IDENTIFICATION AND OTHER ACCESSIBLE PLAQUES: INSTALL IN LOCATIONS ON WALLS AS INDICATED AND ACCORDING TO ACCESSIBILITY STANDARD.

C. MOUNTING METHODS:

1. CONCEALED STUDS: USING A TEMPLATE, DRILL HOLES IN SUBSTRATE ALIGNING WITH STUDS ON BACK OF PLAQUE. REMOVE LOOSE DEBRIS FROM HOLE AND SUBSTRATE SURFACE.

a. MASONRY SUBSTRATES: FILL HOLES WITH ADHESIVE. LEAVE RECESS SPACE IN HOLE FOR DISPLACED ADHESIVE. PLACE PLAQUE IN POSITION AND PUSH UNTIL FLUSH TO SURFACE, EMBEDDING STUDS IN HOLES. TEMPORARILY SUPPORT PLAQUE IN POSITION UNTIL ADHESIVE FULLY SETS.

b. THIN OR HOLLOW SURFACES: PLACE PLAQUE IN POSITION AND FLUSH TO SURFACE, INSTALL WASHERS AND NUTS ON STUDS PROJECTING THROUGH OPPOSITE SIDE OF SURFACE, AND TIGHTEN.

2. THROUGH FASTENERS: DRILL HOLES IN SUBSTRATE USING PREDRILLED HOLES IN PLAQUE AS TEMPLATE. COUNTERSINK HOLES IN PLAQUE IF REQUIRED. PLACE PLAQUE IN POSITION AND FLUSH TO SURFACE. INSTALL THROUGH FASTENERS AND TIGHTEN.

3. BRACKETS: REMOVE LOOSE DEBRIS FROM SUBSTRATE SURFACE AND INSTALL BRACKET SUPPORTS IN POSITION SO THAT PLAQUE IS CORRECTLY LOCATED AND ALIGNED.

4. ADHESIVE: CLEAN BOND-BREAKING MATERIALS FROM SUBSTRATE SURFACE AND REMOVE LOOSE DEBRIS. APPLY LINEAR BEADS OR SPOTS OF ADHESIVE SYMMETRICALLY TO BACK OF PLAQUE AND OF SUITABLE QUANTITY TO SUPPORT WEIGHT OF PLAQUE AFTER CURE WITHOUT SLIPPAGE. KEEP ADHESIVE AWAY FROM EDGES TO PREVENT ADHESIVE EXTRUSION AS PLAQUE IS APPLIED AND TO PREVENT VISIBILITY OF CURED ADHESIVE AT PLAQUE EDGES. PLACE PLAQUE IN POSITION, AND PUSH TO ENGAGE ADHESIVE. TEMPORARILY SUPPORT PLAQUE IN POSITION UNTIL ADHESIVE FULLY SETS.

3.3 ADJUSTING AND CLEANING

A. REMOVE AND REPLACE DAMAGED OR DEFORMED PLAQUES AND PLAQUES THAT DO NOT COMPLY WITH SPECIFIED REQUIREMENTS. REPLACE PLAQUES WITH DAMAGED OR DETERIORATED FINISHES OR COMPONENTS THAT CANNOT BE SUCCESSFULLY REPAIRED BY FINISH TOUCH-UP OR SIMILAR MINOR REPAIR PROCEDURES.

B. REMOVE TEMPORARY PROTECTIVE COVERINGS AND STRIPPABLE FILMS AS PLAQUES ARE INSTALLED.

C. ON COMPLETION OF INSTALLATION, CLEAN EXPOSED SURFACES OF PLAQUES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, AND TOUCH UP MINOR NICKS AND ABRASIONS IN FINISH. MAINTAIN PLAQUES IN A CLEAN CONDITION DURING CONSTRUCTION AND PROTECT FROM DAMAGE UNTIL ACCEPTANCE BY OWNER.

END OF SECTION 10 14 16

DIMENSIONAL LETTER SIGNAGE

SECTION 10 14 19 - DIMENSIONAL LETTER SIGNAGE

PART 1 - GENERAL

1.1 ACTION SUBMITTALS

A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT.

B. SHOP DRAWINGS: FOR DIMENSIONAL LETTER SIGNS.

1. INCLUDE FABRICATION AND INSTALLATION DETAILS AND ATTACHMENTS TO OTHER WORK.

2. SHOW SIGN MOUNTING HEIGHTS, LOCATIONS OF SUPPLEMENTARY SUPPORTS TO BE PROVIDED BY OTHERS, AND ACCESSORIES.

3. SHOW MESSAGE LIST, TYPESTYLES, GRAPHIC ELEMENTS, AND LAYOUT FOR EACH SIGN AT LEAST HALF SIZE.

C. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF SIGN ASSEMBLY SHOWING ALL COMPONENTS AND WITH THE REQUIRED FINISHES), IN MANUFACTURER'S STANDARD SIZE UNLESS OTHERWISE INDICATED AND AS FOLLOWS:

1. DIMENSIONAL CHARACTERS: FULL-SIZE SAMPLE OF EACH TYPE OF DIMENSIONAL CHARACTER.

2. EXPOSED ACCESSORIES: FULL-SIZE SAMPLE OF EACH ACCESSORY TYPE.

D. SIGN SCHEDULE: USE SAME DESIGNATIONS SPECIFIED OR INDICATED ON DRAWINGS OR IN A SIGN SCHEDULE.

1.2 INFORMATIONAL SUBMITTALS

A. QUALIFICATION DATA: FOR INSTALLER AND MANUFACTURER.

B. SAMPLE WARRANTY: FOR SPECIAL WARRANTY.

1.3 CLOSEOUT SUBMITTALS

A. MAINTENANCE DATA: FOR SIGNS TO INCLUDE IN MAINTENANCE MANUALS.

1.4 QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: AN ENTITY THAT EMPLOYS INSTALLERS AND SUPERVISORS WHO ARE TRAINED AND APPROVED BY MANUFACTURER.

1.5 WARRANTY

A. SPECIAL WARRANTY: MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF SIGNS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.

1. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

a. DETERIORATION OF FINISHES BEYOND NORMAL WEATHERING.

b. SEPARATION OR DELAMINATION OF SHEET MATERIALS AND COMPONENTS.

2. WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

2.1 DIMENSIONAL CHARACTERS

A. REFER TO DRAWING A5.80. OBTAIN SIGNAGE FROM OWNER'S DESIGNATED SUPPLIERS.

2.2 ACCESSORIES

A. FASTENERS AND ANCHORS: MANUFACTURERS STANDARD AS REQUIRED FOR SECURE ANCHORAGE OF SIGNAGE, NONCORROSIVE AND COMPATIBLE WITH EACH MATERIAL JOINED, AND COMPLYING WITH THE FOLLOWING:

1. USE CONCEALED FASTENERS AND ANCHORS UNLESS INDICATED TO BE EXPOSED.

2. SIGN MOUNTING FASTENERS:

a. CONCEALED STUDS: CONCEALED (BLIND), THREADED STUDS WELDED OR BRAZED TO BACK OF SIGN MATERIAL, SCREWED INTO BACK OF SIGN ASSEMBLY, OR SCREWED INTO TAPPED LUGS CAST INTEGRALLY INTO BACK OF CAST SIGN MATERIAL, UNLESS OTHERWISE INDICATED.

b. PROJECTING STUDS: THREADED STUDS WITH SLEEVE SPACER, WELDED OR BRAZED TO BACK OF SIGN MATERIAL, SCREWED INTO BACK OF SIGN ASSEMBLY, OR SCREWED INTO TAPPED LUGS CAST INTEGRALLY INTO BACK OF CAST SIGN MATERIAL, UNLESS OTHERWISE INDICATED.

PART 3 - EXECUTION

3.1 EXAMINATION

A. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF SIGNAGE WORK.

B. VERIFY THAT SIGN-SUPPORT SURFACES ARE WITHIN TOLERANCES TO ACCOMMODATE SIGNS WITHOUT GAPS OR IRREGULARITIES BETWEEN BACKS OF SIGNS AND SUPPORT SURFACES UNLESS OTHERWISE INDICATED.

C. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 INSTALLATION

A. GENERAL: INSTALL SIGNS USING MOUNTING METHODS INDICATED AND ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

1. INSTALL SIGNS LEVEL, PLUMB, TRUE TO LINE, AND AT LOCATIONS AND HEIGHTS INDICATED, WITH SIGN SURFACES FREE OF DISTORTION AND OTHER DEFECTS IN APPEARANCE.

2. BEFORE INSTALLATION, VERIFY THAT SIGN SURFACES ARE CLEAN AND FREE OF MATERIALS OR DEBRIS THAT WOULD IMPAIR INSTALLATION.

3. CORROSION PROTECTION: COAT CONCEALED SURFACES OF EXTERIOR ALUMINUM IN CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DISSIMILAR METALS, WITH A HEAVY COAT OF BITUMINOUS PAINT.

B. MOUNTING METHODS:

1. CONCEALED STUDS: USING A TEMPLATE, DRILL HOLES IN SUBSTRATE ALIGNING WITH STUDS ON BACK OF SIGN. REMOVE LOOSE DEBRIS FROM HOLE AND SUBSTRATE SURFACE.

a. MASONRY SUBSTRATES: FILL HOLES WITH ADHESIVE. LEAVE RECESS SPACE IN HOLE FOR DISPLACED ADHESIVE. PLACE SIGN IN POSITION AND PUSH UNTIL FLUSH TO SURFACE. EMBEDDING STUDS IN HOLES. TEMPORARILY SUPPORT SIGN IN POSITION UNTIL ADHESIVE FULLY SETS.

b. THIN OR HOLLOW SURFACES: PLACE SIGN IN POSITION AND FLUSH TO SURFACE, INSTALL WASHERS AND NUTS ON STUDS PROJECTING THROUGH OPPOSITE SIDE OF SURFACE, AND TIGHTEN.

2. ADJUSTING AND CLEANING

A. REMOVE AND REPLACE DAMAGED OR DEFORMED CHARACTERS AND SIGNS THAT DO NOT COMPLY WITH SPECIFIED REQUIREMENTS. REPLACE CHARACTERS WITH DAMAGED OR DETERIORATED FINISHES OR COMPONENTS THAT CANNOT BE SUCCESSFULLY REPAIRED BY FINISH TOUCH-UP OR SIMILAR MINOR REPAIR PROCEDURES.

B. REMOVE TEMPORARY PROTECTIVE COVERINGS AND STRIPPABLE FILMS AS SIGNS ARE INSTALLED.

C. ON COMPLETION OF INSTALLATION, CLEAN EXPOSED SURFACES OF SIGNS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, AND TOUCH UP MINOR NICKS AND ABRASIONS IN FINISH. MAINTAIN SIGNS IN A CLEAN CONDITION DURING CONSTRUCTION AND PROTECT FROM DAMAGE UNTIL ACCEPTANCE BY OWNER.

END OF SECTION 10 14 19

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

SPECIFICATIONS

A 10.10

PANEL SIGNAGE

SECTION 10 14 23 - PANEL SIGNAGE
PART 1 - GENERAL
1.1. DEFINITIONS
A. ACCESSIBLE: IN ACCORDANCE WITH THE ACCESSIBILITY STANDARD.
B. ILLUMINATED: ILLUMINATED BY LIGHTING SOURCE INTEGRALLY CONSTRUCTED AS PART OF THE SIGN UNIT.
1.2. COORDINATION
A. FURNISH TEMPLATES FOR PLACEMENT OF SIGN-ANCHORAGE DEVICES EMBEDDED IN PERMANENT CONSTRUCTION BY OTHER INSTALLERS.
B. FURNISH TEMPLATES FOR PLACEMENT OF ELECTRICAL SERVICE EMBEDDED IN PERMANENT CONSTRUCTION BY OTHER INSTALLERS.
1.3. ACTION SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT.
B. SHOP DRAWINGS: FOR PANEL SIGNS.
1. INCLUDE FABRICATION AND INSTALLATION DETAILS AND ATTACHMENTS TO OTHER WORK.
2. SHOW SIGN MOUNTING HEIGHTS, LOCATIONS OF SUPPLEMENTARY SUPPORTS TO BE PROVIDED BY OTHERS, AND ACCESSORIES.
3. SHOW MESSAGE LIST, TYPESTYLES, GRAPHIC ELEMENTS, AND LAYOUT FOR EACH SIGN AT LEAST HALF SIZE.
4. SHOW LOCATIONS OF ELECTRICAL SERVICE CONNECTIONS.
5. INCLUDE DIAGRAMS FOR POWER, SIGNAL, AND CONTROL WIRING.
C. SAMPLES FOR VERIFICATION: FOR EACH TYPE OF SIGN ASSEMBLY SHOWING ALL COMPONENTS AND WITH THE REQUIRED FINISH(ES), IN MANUFACTURER'S STANDARD SIZE UNLESS OTHERWISE INDICATED AND AS FOLLOWS:
1. PANEL SIGNS: FULL-SIZE SAMPLE.
D. SIGN SCHEDULE: USE SAME DESIGNATIONS SPECIFIED OR INDICATED ON DRAWINGS OR IN A SIGN SCHEDULE.
1.4. INFORMATIONAL SUBMITTALS
A. QUALIFICATION DATA: FOR INSTALLER AND MANUFACTURER.
B. SAMPLE WARRANTY: FOR SPECIAL WARRANTY.
1.5. CLOSEOUT SUBMITTALS
A. MAINTENANCE DATA: FOR SIGNS TO INCLUDE IN MAINTENANCE MANUALS.
1.6. QUALITY ASSURANCE
A. INSTALLER QUALIFICATIONS: AN ENTITY THAT EMPLOYS INSTALLERS AND SUPERVISORS WHO ARE TRAINED AND APPROVED BY MANUFACTURER.
1.7. FIELD CONDITIONS
A. FIELD MEASUREMENTS: VERIFY LOCATIONS OF ANCHORAGE DEVICES AND ELECTRICAL SERVICE EMBEDDED IN PERMANENT CONSTRUCTION BY OTHER INSTALLERS BY FIELD MEASUREMENTS BEFORE FABRICATION, AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.
1.8. WARRANTY
A. SPECIAL WARRANTY: MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF SIGNS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.
1. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
a. DETERIORATION OF FINISHES BEYOND NORMAL WEATHERING.
b. DETERIORATION OF EMBEDDED GRAPHIC IMAGE.
c. SEPARATION OR DELAMINATION OF SHEET MATERIALS AND COMPONENTS.
2. WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
PART 2 - PRODUCTS
2.1. PANEL SIGNS, GENERAL
A. REFER TO DRAWING A6.60. OBTAIN SIGNAGE FROM OWNERS DESIGNATED SUPPLIERS.
2.2. PERFORMANCE REQUIREMENTS
A. ACCESSIBILITY STANDARD: COMPLY WITH APPLICABLE PROVISIONS IN THE U.S. ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S ADA-ABA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES AND ICC A117.1 FOR SIGNS.
B. ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION.
2.3. ACCESSORIES
A. FASTENERS AND ANCHORS: MANUFACTURER'S STANDARD AS REQUIRED FOR SECURE ANCHORAGE OF SIGNAGE, NONCORROSIVE AND COMPATIBLE WITH EACH MATERIAL JOINED, AND COMPLYING WITH THE FOLLOWING:
1. USE CONCEALED FASTENERS AND ANCHORS UNLESS INDICATED TO BE EXPOSED.
2. SIGN MOUNTING FASTENERS
a. CONCEALED STUDS: CONCEALED (BLIND), THREADED STUDS WELDED OR BRAZED TO BACK OF SIGN MATERIAL OR SCREWED INTO BACK OF SIGN ASSEMBLY, UNLESS OTHERWISE INDICATED.
3. INSERTS: FURNISH INSERTS TO BE SET BY OTHER TRADES INTO CONCRETE OR MASONRY WORK.
B. ADHESIVE: AS RECOMMENDED BY SIGN MANUFACTURER.
C. BITUMINOUS PAINT: COLD-APPLIED ASPHALT EMULSION COMPLYING WITH ASTM D 1187.
PART 3 - EXECUTION
3.1. EXAMINATION
A. EXAMINE SUBSTRATES, AREAS, AND CONDITIONS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF SIGNAGE WORK.
B. VERIFY THAT SIGN-SUPPORT SURFACES ARE WITHIN TOLERANCES TO ACCOMMODATE SIGNS WITHOUT GAPS OR IRREGULARITIES BETWEEN BACKS OF SIGNS AND SUPPORT SURFACES UNLESS OTHERWISE INDICATED.
C. VERIFY THAT ANCHOR INSERTS ARE CORRECTLY SIZED AND LOCATED TO ACCOMMODATE SIGNS.
D. VERIFY THAT ELECTRICAL SERVICE IS CORRECTLY SIZED AND LOCATED TO ACCOMMODATE SIGNS.
E. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
3.2. INSTALLATION
A. GENERAL: INSTALL SIGNS USING MOUNTING METHODS INDICATED AND ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
1. INSTALL SIGNS LEVEL, PLUMB, TRUE TO LINE, AND AT LOCATIONS AND HEIGHTS INDICATED, WITH SIGN SURFACES FREE OF DISTORTION AND OTHER DEFECTS IN APPEARANCE.
2. INSTALL SIGNS SO THEY DO NOT PROTRUDE OR OBSTRUCT ACCORDING TO THE ACCESSIBILITY STANDARD.
3. BEFORE INSTALLATION, VERIFY THAT SIGN SURFACES ARE CLEAN AND FREE OF MATERIALS OR DEBRIS THAT WOULD IMPAIR INSTALLATION.
4. CORROSION PROTECTION: COAT CONCEALED SURFACES OF EXTERIOR ALUMINUM IN CONTACT WITH GROUT, CONCRETE, MASONRY, WOOD, OR DISSIMILAR METALS, WITH A HEAVY COAT OF BITUMINOUS PAINT.
B. MOUNTING METHODS:
1. CONCEALED STUDS: USING A TEMPLATE, DRILL HOLES IN SUBSTRATE ALIGNING WITH STUDS ON BACK OF SIGN. REMOVE LOOSE DEBRIS FROM HOLE AND SUBSTRATE SURFACE.
a. MASONRY SUBSTRATES: FILL HOLES WITH ADHESIVE. LEAVE RECESS SPACE IN HOLE FOR DISPLACED ADHESIVE. PLACE SIGN IN POSITION AND PUSH UNTIL FLUSH TO SURFACE. EMBEDDING STUDS IN HOLES. TEMPORARILY SUPPORT SIGN IN POSITION UNTIL ADHESIVE FULLY SETS.
b. THIN OR HOLLOW SURFACES: PLACE SIGN IN POSITION AND FLUSH TO SURFACE. INSTALL WASHERS AND NUTS ON STUDS PROJECTING THROUGH OPPOSITE SIDE OF SURFACE, AND TIGHTEN.
2. THROUGH FASTENERS: DRILL HOLES IN SUBSTRATE USING PREDRILLED HOLES IN SIGN AS TEMPLATE. COUNTERSINK HOLES IN SIGN IF REQUIRED. PLACE SIGN IN POSITION AND FLUSH TO SURFACE. INSTALL THROUGH FASTENERS AND TIGHTEN.
3. ADHESIVE: CLEAN BOND-BREAKING MATERIALS FROM SUBSTRATE SURFACE AND REMOVE LOOSE DEBRIS. APPLY LINEAR BEADS OR SPOTS OF ADHESIVE SYMMETRICALLY TO BACK OF SIGN AND OF SUITABLE QUANTITY TO SUPPORT WEIGHT OF SIGN AFTER CURE WITHOUT SUPPAGE. KEEP ADHESIVE AWAY FROM EDGES TO PREVENT ADHESIVE EXTRUSION AS SIGN IS APPLIED AND TO PREVENT VISIBILITY OF CURED ADHESIVE AT SIGN EDGES. PLACE SIGN IN POSITION, AND PUSH TO ENGAGE ADHESIVE. TEMPORARILY SUPPORT SIGN IN POSITION UNTIL ADHESIVE FULLY SETS.
3.3. ADJUSTING AND CLEANING
A. REMOVE AND REPLACE DAMAGED OR DEFORMED SIGNS AND SIGNS THAT DO NOT COMPLY WITH SPECIFIED REQUIREMENTS. REPLACE SIGNS WITH DAMAGED OR DETERIORATED FINISHES OR COMPONENTS THAT CANNOT BE SUCCESSFULLY REPAIRED BY FINISH TOUCHUP OR SIMILAR MINOR REPAIR PROCEDURES.
B. REMOVE TEMPORARY PROTECTIVE COVERINGS AND STRIPPABLE FILMS AS SIGNS ARE INSTALLED.
C. ON COMPLETION OF INSTALLATION, CLEAN EXPOSED SURFACES OF SIGNS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, AND TOUCH UP MINOR NICKS AND ABRASIONS IN FINISH. MAINTAIN SIGNS IN A CLEAN CONDITION DURING CONSTRUCTION AND PROTECT FROM DAMAGE UNTIL ACCEPTANCE BY OWNER.
END OF SECTION 10 14 23

WALL AND DOOR PROTECTION

SECTION 10 26 00 - WALL AND DOOR PROTECTION
PART 1 - GENERAL
1.1. SUBMITTALS
A. PRODUCT DATA: FOR EACH PRODUCT INDICATED.
B. SHOP DRAWINGS: INCLUDE LOCATIONS AND EXTENT OF IMPACT-RESISTANT WALL PROTECTION AND DETAILS OF INSTALLATION.
C. SAMPLES: FOR EACH UNIT AND FOR EACH COLOR AND TEXTURE REQUIRED.
D. MAINTENANCE DATA.
1.2. QUALITY ASSURANCE
A. FIRE-TEST RESPONSE CHARACTERISTICS: PROVIDE COMPONENTS WITH FLAME-SPREAD AND SMOKE-DEVELOPED INDICES OF NOT MORE THAN 25 AND 450, RESPECTIVELY, WHEN TESTED PER ASTM E 84 BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION.
PART 2 - PRODUCTS
2.1. MANUFACTURERS
A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:
B. BASIS-OF-DESIGN PRODUCT: THE DESIGN FOR EACH IMPACT-RESISTANT WALL PROTECTION UNIT IS BASED ON THE PRODUCT NAMED. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE THE NAMED PRODUCT OR A COMPARABLE PRODUCT BY ONE OF THE FOLLOWING:
1. CONSTRUCTION SPECIALTIES, INC.
2. IPC DOOR AND WALL PROTECTION SYSTEMS, INC.
3. KOROSEAL WALL PROTECTION SYSTEMS, INC.
4. PAULING CORPORATION.
2.2. MATERIALS
A. EXTRUDED PLASTIC: TEXTURED, CHEMICAL- AND STAIN-RESISTANT, HIGH-IMPACT-RESISTANT, PVC OR ACRYLIC-MODIFIED VINYL PLASTIC, THICKNESS AS INDICATED, WITH A MINIMUM IMPACT RESISTANCE OF 25.4 FT-LB/IN. (1356 J/M) OF WIDTH WHEN TESTED ACCORDING TO ASTM D 298, TEST METHOD A.
B. ALUMINUM EXTRUSIONS: ALLOY AND TEMPER RECOMMENDED BY MANUFACTURER FOR TYPE OF USE AND FINISH INDICATED, BUT WITH NOT LESS THAN THE STRENGTH AND DURABILITY PROPERTIES OF ASTM B 221 (ASTM B 221M), ALLOY 6063-T5.
C. FASTENERS: ALUMINUM, NONMAGNETIC STAINLESS-STEEL, OR OTHER NONCORRODING METAL SCREWS, BOLTS, AND OTHER FASTENERS COMPATIBLE WITH ALUMINUM COMPONENTS, HARDWARE, ANCHORS, AND OTHER ITEMS BEING FASTENED. USE VANDAL-RESISTANT FASTENERS WHERE EXPOSED TO VIEW.
D. ADHESIVE: TYPE RECOMMENDED BY MANUFACTURER FOR USE WITH MATERIAL BEING ADHERED TO SUBSTRATE INDICATED.
2.3. WALL PROTECTION
A. PROVIDE PRODUCTS INDICATED ON DRAWINGS.
2.4. FINISHES
A. PLASTIC COLOR: AS INDICATED BY NAMED MANUFACTURER'S DESIGNATION.
PART 3 - EXECUTION
3.1. INSTALLATION
A. PREPARATION: COMPLETE FINISHING OPERATIONS, INCLUDING PAINTING, BEFORE INSTALLING IMPACT-RESISTANT WALL PROTECTION SYSTEM COMPONENTS. BEFORE INSTALLATION, CLEAN SUBSTRATE TO REMOVE DUST, DEBRIS, AND LOOSE PARTICLES.
B. INSTALL IMPACT-RESISTANT WALL PROTECTION SYSTEM COMPONENTS LEVEL, PLUMB, AND TRUE TO LINE WITHOUT DISTORTIONS.
1. DO NOT USE MATERIALS WITH CHIPS, CRACKS, VOIDS, STAINS, OR OTHER DEFECTS THAT MIGHT BE VISIBLE IN THE FINISHED WORK.
C. WHERE SPLICES OCCUR IN HORIZONTAL RUNS OF MORE THAN 20 FEET (6.1 M), SPLICE ALUMINUM RETAINERS AND PLASTIC COVERS AT DIFFERENT LOCATIONS ALONG THE RUN.
D. IMMEDIATELY ON COMPLETION OF INSTALLATION, CLEAN PLASTIC COVERS AND ACCESSORIES USING STANDARD AMMONIA-BASED HOUSEHOLD CLEANING AGENT. CLEAN METAL COMPONENTS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
1. REMOVE EXCESS ADHESIVE USING METHODS AND MATERIALS RECOMMENDED BY MANUFACTURER.
END OF SECTION 10 26 00

TOILET ACCESSORIES

SECTION 10 28 00 - TOILET ACCESSORIES
PART 1 - GENERAL
1.1. COORDINATION
A. COORDINATE ACCESSORY LOCATIONS WITH OTHER WORK TO PREVENT INTERFERENCE WITH CLEARANCES REQUIRED FOR ACCESS BY PEOPLE WITH DISABILITIES, AND FOR PROPER INSTALLATION, ADJUSTMENT, OPERATION, CLEANING, AND SERVICING OF ACCESSORIES.
B. DELIVER INSERTS AND ANCHORING DEVICES SET INTO CONCRETE OR MASONRY AS REQUIRED TO PREVENT DELAYING THE WORK.
1.2. SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF PRODUCT.
1. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES.
2. INCLUDE ANCHORING AND MOUNTING REQUIREMENTS, INCLUDING REQUIREMENTS FOR CUTOUTS IN OTHER WORK AND SUBSTRATE PREPARATION.
B. SAMPLES: FULL SIZE, FOR EACH EXPOSED PRODUCT AND FOR EACH FINISH SPECIFIED.
1. APPROVED FULL-SIZE SAMPLES WILL BE RETURNED AND MAY BE USED IN THE WORK.
C. PRODUCT SCHEDULE INDICATING TYPES, QUANTITIES, SIZES, AND INSTALLATION LOCATIONS BY ROOM OF EACH ACCESSORY REQUIRED.
1. IDENTIFY LOCATIONS USING ROOM DESIGNATIONS INDICATED.
2. IDENTIFY ACCESSORIES USING DESIGNATIONS INDICATED.
D. MAINTENANCE DATA: FOR ACCESSORIES TO INCLUDE IN MAINTENANCE MANUALS.
PART 2 - PRODUCTS
2.1. PUBLIC-USE WASHROOM ACCESSORIES
A. PROVIDE ITEMS INDICATED IN SCHEDULE SHOWN ON DRAWINGS.
B. SOURCE LIMITATIONS: OBTAIN PUBLIC-USE WASHROOM ACCESSORIES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.
2.2. MATERIALS
A. STAINLESS-STEEL: ASTM A 866, TYPE 304, 0.031-INCH (0.8-MM) MINIMUM NOMINAL THICKNESS UNLESS OTHERWISE INDICATED.
B. STEEL SHEET: ASTM A 1008/A 1009M, DESIGNATION CS (COLD ROLLED, COMMERCIAL STEEL), 0.036-INCH (0.9-MM) MINIMUM NOMINAL THICKNESS.
C. GALVANIZED-STEEL SHEET: ASTM A 834/A 834M, WITH 550 (2180) HOT-DIP ZINC COATING.
D. GALVANIZED-STEEL MOUNTING DEVICES: ASTM A 153/A 153M, HOT-DIP GALVANIZED AFTER FABRICATION.
E. FASTENERS, SCREWS, BOLTS, AND OTHER DEVICES OF SAME MATERIAL AS ACCESSORY UNIT AND TAMPER-AND-THEFT RESISTANT WHERE EXPOSED, AND OF GALVANIZED STEEL WHERE CONCEALED.
2.3. FABRICATION
A. GENERAL: FABRICATE UNITS WITH TIGHT SEAMS AND JOINTS, AND EXPOSED EDGES ROLLED. HANG DOORS AND ACCESS PANELS WITH FULL-LENGTH, CONTINUOUS HINGES. EQUIP UNITS FOR CONCEALED ANCHORAGE AND WITH CORROSION-RESISTANT BACKING PLATES.
B. KEYS: PROVIDE UNIVERSAL KEYS FOR INTERNAL ACCESS TO ACCESSORIES FOR SERVICING AND RESUPPLYING. PROVIDE MINIMUM OF SIX KEYS TO OWNERS REPRESENTATIVE.
PART 3 - EXECUTION
3.1. INSTALLATION
A. INSTALL ACCESSORIES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, USING FASTENERS APPROPRIATE TO SUBSTRATE INDICATED AND RECOMMENDED BY UNIT MANUFACTURER. INSTALL UNITS LEVEL, PLUMB, AND FIRMLY ANCHORED IN LOCATIONS AND AT HEIGHTS INDICATED.
B. GRAB BARS: INSTALL TO WITHSTAND A DOWNWARD LOAD OF AT LEAST 250 LBF (112 N), WHEN TESTED ACCORDING TO ASTM F 446.
3.2. ADJUSTING AND CLEANING
A. ADJUST ACCESSORIES FOR UNENCUMBERED, SMOOTH OPERATION. REPLACE DAMAGED OR DEFECTIVE ITEMS.
B. REMOVE TEMPORARY LABELS AND PROTECTIVE COATINGS.
C. CLEAN AND POLISH EXPOSED SURFACES ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.
END OF SECTION 10 28 00

FIRE EXTINGUISHER SPECIALTIES

SECTION 10 44 00 - FIRE EXTINGUISHER SPECIALTIES
FIRE EXTINGUISHER CABINETS SPECIFICATION:
1. PROVIDE FIRE EXTINGUISHER CABINET(S) WHERE INDICATED ON PLANS.
2. FIRE EXTINGUISHER CABINET SPECIFICATION: POTTER ROEMER DANA SERIES #7250, RECESSED, STAINLESS STEEL FINISH, SOLID FLUSH DOOR WITH VERTICAL BLACK LETTERS
3. SIZE: 11-3/4" W X 20-3/4" H / RO: 10" W X 19" X 8" D
4. PROVIDE WITH POTTER ROEMER 3005 S LB FIRE EXTINGUISHER
PART 3 - EXECUTION
3.1. EXAMINATION
A. EXAMINE WALLS, FLOORS, AND SUPPORT BASES, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.
B. PREPARE WRITTEN REPORT, ENDORSED BY INSTALLER, LISTING CONDITIONS DETRIMENTAL TO PERFORMANCE OF THE WORK.
C. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
3.2. INSTALLATION
A. GENERAL: INSTALL LOCKERS LEVEL, PLUMB, AND TRUE; SHIM AS REQUIRED, USING CONCEALED SHIMS.
1. ANCHOR LOCKER RUNS AT ENDS AND AT INTERVALS RECOMMENDED BY MANUFACTURER, BUT NOT MORE THAN 36 INCHES (910 MM) O.C. USING CONCEALED FASTENERS. INSTALL ANCHORS THROUGH BACKUP REINFORCING PLATES, CHANNELS, OR BLOCKING AS REQUIRED TO PREVENT METAL DISTORTION.
2. ANCHOR BACK-TO-BACK METAL LOCKERS TO FLOOR.
B. WELDED LOCKERS: CONNECT GROUPS TOGETHER WITH STANDARD FASTENERS, WITH NO EXPOSED FASTENERS ON FACE FRAMES.
C. EQUIPMENT:
1. ATTACH HOOKS WITH AT LEAST TWO FASTENERS.
2. ATTACH DOOR LOCKS ON DOORS USING SECURITY-TYPE FASTENERS.
3. IDENTIFICATION PLATES: IDENTIFY METAL LOCKERS WITH IDENTIFICATION INDICATED ON DRAWINGS.
a. ATTACH PLATES TO EACH LOCKER DOOR, NEAR TOP, CENTERED, WITH AT LEAST TWO ALUMINUM RIVETS.
b. ATTACH PLATES TO UPPER SHELF OF EACH OPEN-FRONT METAL LOCKER, CENTERED, WITH A LEAST TWO ALUMINUM RIVETS.
D. TRIM: FIT EXPOSED CONNECTIONS OF TRIM, FILLERS, AND CLOSURES ACCURATELY TOGETHER TO FORM TIGHT, HAIRLINE JOINTS, WITH CONCEALED FASTENERS AND SPLICE PLATES.
1. ATTACH RECESS TRIM TO RECESSED METAL LOCKERS WITH CONCEALED CLIPS.
2. ATTACH FILLER PANELS WITH CONCEALED FASTENERS. LOCATE FILLER PANELS WHERE INDICATED ON DRAWINGS.
3.3. ADJUSTING
A. CLEAN, LUBRICATE, AND ADJUST HARDWARE. ADJUST DOORS AND LATCHES TO OPERATE EASILY WITHOUT BINDING. VERIFY THAT INTEGRAL LOCKING DEVICES OPERATE PROPERLY.
3.4. PROTECTION
A. PROTECT METAL LOCKERS FROM DAMAGE, ABUSE, DUST, DIRT, STAIN, OR PAINT. DO NOT PERMIT USE DURING CONSTRUCTION.
B. TOUCH UP MARRED FINISHES, OR REPLACE METAL LOCKERS THAT CANNOT BE RESTORED TO FACTORY-FINISHED APPEARANCE. USE ONLY MATERIALS AND PROCEDURES RECOMMENDED OR FURNISHED BY LOCKER MANUFACTURER.
END OF SECTION 10 51 13

METAL LOCKERS

SECTION 10 51 13 - METAL LOCKERS
PART 1 - GENERAL
1.1. SUBMITTALS
A. PRODUCT DATA: FOR EACH TYPE OF METAL LOCKER.
1. INCLUDE CONSTRUCTION DETAILS, MATERIAL DESCRIPTIONS, DIMENSIONS OF INDIVIDUAL COMPONENTS AND PROFILES, AND FINISHES FOR EACH TYPE OF METAL LOCKER.
B. SHOP DRAWINGS: FOR METAL LOCKERS.
1. INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK.
2. SHOW LOCKER TRIM AND ACCESSORIES.
3. INCLUDE LOCKER IDENTIFICATION SYSTEM AND NUMBERING SEQUENCE.
C. SAMPLES: FOR EACH COLOR SPECIFIED, IN MANUFACTURER'S STANDARD SIZE.
D. SAMPLES FOR VERIFICATION: FOR THE FOLLOWING PRODUCTS, IN MANUFACTURER'S STANDARD SIZE:
1. LOCKERS AND EQUIPMENT.
E. PRODUCT SCHEDULE: FOR LOCKERS, USE SAME DESIGNATIONS INDICATED ON DRAWINGS.
F. QUALIFICATION DATA: FOR INSTALLER.
G. SAMPLE WARRANTY: FOR SPECIAL WARRANTY.
H. MAINTENANCE DATA: FOR ADJUSTING, REPAIRING, AND REPLACING LOCKER DOORS AND LATCHING MECHANISMS TO INCLUDE IN MAINTENANCE MANUALS.
1.2. DELIVERY, STORAGE, AND HANDLING
A. DO NOT DELIVER METAL LOCKERS UNTIL SPACES TO RECEIVE THEM ARE CLEAN, DRY, AND READY FOR THEIR INSTALLATION.
1.3. FIELD CONDITIONS
A. FIELD MEASUREMENTS: VERIFY ACTUAL DIMENSIONS OF RECESSED OPENINGS BY FIELD MEASUREMENTS BEFORE FABRICATION.
1.4. COORDINATION
A. COORDINATE SIZES AND LOCATIONS OF BASES FOR METAL LOCKERS.
B. COORDINATE SIZES AND LOCATIONS OF FRAMING, BLOCKING, FURRING, REINFORCEMENTS, AND OTHER RELATED UNITS OF WORK SPECIFIED IN OTHER SECTIONS TO ENSURE THAT METAL LOCKERS CAN BE SUPPORTED AND INSTALLED AS INDICATED.
1.5. WARRANTY
A. SPECIAL WARRANTY: MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF LOCKERS THAT FAIL IN MATERIALS OR WORKMANSHIP, EXCLUDING FINISH, WITHIN SPECIFIED WARRANTY PERIOD.
1. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:
a. STRUCTURAL FAILURES.
b. FAULTY OPERATION OF LATCHES AND OTHER DOOR HARDWARE.
2. DAMAGE FROM DELIBERATE DESTRUCTION AND VANDALISM IS EXCLUDED.
3. WARRANTY PERIOD FOR KNOCKED-DOWN METAL LOCKERS: TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.
PART 2 - PRODUCTS
2.1. MANUFACTURERS
A. SOURCE LIMITATIONS: OBTAIN METAL LOCKERS AND ACCESSORIES FROM SINGLE SOURCE FROM SINGLE LOCKER MANUFACTURER.
2.2. PERFORMANCE REQUIREMENTS
A. ACCESSIBILITY REQUIREMENTS: FOR LOCKERS INDICATED TO BE ACCESSIBLE, COMPLY WITH APPLICABLE PROVISIONS IN THE U.S. ARCHITECTURAL & TRANSPORTATION BARRIERS COMPLIANCE BOARD'S ADA-ABA ACCESSIBILITY GUIDELINES AND ICC A117.1, WELDED CORRIDOR LOCKERS
A. REFER TO FURNITURE AND FIXTURE SCHEDULE ON DRAWINGS
2.4. FABRICATION
A. FABRICATE METAL LOCKERS SQUARE, RIGID, WITHOUT WARP, AND WITH METAL FACES FLAT AND FREE OF DENTS OR DISTORTION. MAKE EXPOSED METAL EDGES SAFE TO TOUCH AND FREE OF SHARP EDGES AND BURRS.
1. FORM BODY PANELS, DOORS, SHELVES, AND ACCESSORIES FROM ONE-PIECE STEEL SHEET UNLESS OTHERWISE INDICATED.
2. PROVIDE FASTENERS, FILLER PLATES, SUPPORTS, CLIPS, AND CLOSURES AS REQUIRED FOR COMPLETE INSTALLATION.
B. FABRICATE EACH METAL LOCKER WITH AN INDIVIDUAL DOOR AND FRAME: INDIVIDUAL TOP, BOTTOM, AND BACK; AND COMMON INTERMEDIATE UPRIGHTS SEPARATING COMPARTMENTS. FACTORY-WELD FRAME MEMBERS OF EACH METAL LOCKER TOGETHER TO FORM A RIGID, ONE-PIECE ASSEMBLY.
C. WELDED CONSTRUCTION: FACTORY PREASSEMBLE METAL LOCKERS BY WELDING ALL JOINTS, SEAMS, AND CONNECTIONS; WITH NO BOLTS, NUTS, SCREWS, OR RIVETS USED IN ASSEMBLY OF MAIN LOCKER GROUPS. FACTORY WELD MAIN LOCKER GROUPS INTO ONE-PIECE STRUCTURES. GRIND EXPOSED WELDS FLUSH.
2.5. ACCESSORIES
A. FASTENERS: ZINC- OR NICKEL-PLATED STEEL, SLOTLESS-TYPE, EXPOSED BOLT HEADS, WITH SELF-LOCKING NUTS; LOCK WASHERS FOR NUTS ON MOVING PARTS.
B. ANCHORS: MATERIAL, TYPE, AND SIZE REQUIRED FOR SECURE ANCHORAGE TO EACH SUBSTRATE.
1. PROVIDE NONFERROUS-METAL OR HOT-DIP GALVANIZED ANCHORS AND INSERTS ON INSIDE FACE OF EXTERIOR WALLS FOR CORROSION RESISTANCE.
2. PROVIDE TOOTHED-STEEL OR LEAD EXPANSION SLEEVES FOR DRILLED-IN-PLACE ANCHORS.
PART 3 - EXECUTION
3.1. EXAMINATION
A. EXAMINE WALLS, FLOORS, AND SUPPORT BASES, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.
B. PREPARE WRITTEN REPORT, ENDORSED BY INSTALLER, LISTING CONDITIONS DETRIMENTAL TO PERFORMANCE OF THE WORK.
C. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.
3.2. INSTALLATION
A. GENERAL: INSTALL LOCKERS LEVEL, PLUMB, AND TRUE; SHIM AS REQUIRED, USING CONCEALED SHIMS.
1. ANCHOR LOCKER RUNS AT ENDS AND AT INTERVALS RECOMMENDED BY MANUFACTURER, BUT NOT MORE THAN 36 INCHES (910 MM) O.C. USING CONCEALED FASTENERS. INSTALL ANCHORS THROUGH BACKUP REINFORCING PLATES, CHANNELS, OR BLOCKING AS REQUIRED TO PREVENT METAL DISTORTION.
2. ANCHOR BACK-TO-BACK METAL LOCKERS TO FLOOR.
B. WELDED LOCKERS: CONNECT GROUPS TOGETHER WITH STANDARD FASTENERS, WITH NO EXPOSED FASTENERS ON FACE FRAMES.
C. EQUIPMENT:
1. ATTACH HOOKS WITH AT LEAST TWO FASTENERS.
2. ATTACH DOOR LOCKS ON DOORS USING SECURITY-TYPE FASTENERS.
3. IDENTIFICATION PLATES: IDENTIFY METAL LOCKERS WITH IDENTIFICATION INDICATED ON DRAWINGS.
a. ATTACH PLATES TO EACH LOCKER DOOR, NEAR TOP, CENTERED, WITH AT LEAST TWO ALUMINUM RIVETS.
b. ATTACH PLATES TO UPPER SHELF OF EACH OPEN-FRONT METAL LOCKER, CENTERED, WITH A LEAST TWO ALUMINUM RIVETS.
D. TRIM: FIT EXPOSED CONNECTIONS OF TRIM, FILLERS, AND CLOSURES ACCURATELY TOGETHER TO FORM TIGHT, HAIRLINE JOINTS, WITH CONCEALED FASTENERS AND SPLICE PLATES.
1. ATTACH RECESS TRIM TO RECESSED METAL LOCKERS WITH CONCEALED CLIPS.
2. ATTACH FILLER PANELS WITH CONCEALED FASTENERS. LOCATE FILLER PANELS WHERE INDICATED ON DRAWINGS.
3.3. ADJUSTING
A. CLEAN, LUBRICATE, AND ADJUST HARDWARE. ADJUST DOORS AND LATCHES TO OPERATE EASILY WITHOUT BINDING. VERIFY THAT INTEGRAL LOCKING DEVICES OPERATE PROPERLY.
3.4. PROTECTION
A. PROTECT METAL LOCKERS FROM DAMAGE, ABUSE, DUST, DIRT, STAIN, OR PAINT. DO NOT PERMIT USE DURING CONSTRUCTION.
B. TOUCH UP MARRED FINISHES, OR REPLACE METAL LOCKERS THAT CANNOT BE RESTORED TO FACTORY-FINISHED APPEARANCE. USE ONLY MATERIALS AND PROCEDURES RECOMMENDED OR FURNISHED BY LOCKER MANUFACTURER.
END OF SECTION 10 51 13

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:

TIFFANY&CO.

PROJECT:

WTC SANTO DOMINGO
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BY: EDICON

CHECKED BY: xx

LOCAL ARCHITECT:

SHEET NAME:

SHEET NUMBER:

SPECIFICATIONS

A 10.11

EQUIPMENT

SECTION 11 00 00 EQUIPMENT

PART 1 - GENERAL

A. PRODUCT DATA. SUBMIT PRODUCT DATA FOR EACH TYPE OF EQUIPMENT REQUIRED. INCLUDE COMPLETE OPERATING CHARACTERISTICS, DIMENSIONS, AND FINISHES FOR EACH TYPE OF EQUIPMENT.

B. OPERATION AND MAINTENANCE DATA. FOR EACH TYPE OF EQUIPMENT.

C. UL AND NEMA COMPLIANCE. PROVIDE ELECTRICAL EQUIPMENT THAT ARE LISTED AND LABELED BY UL AND THAT COMPLY WITH APPLICABLE NEMA STANDARDS.

D. WARRANTIES. SUBMIT MANUFACTURER'S STANDARD WRITTEN WARRANTY, FOR EACH TYPE OF EQUIPMENT REQUIRED, IN WHICH MANUFACTURER AGREES TO REPAIR OR REPLACE EQUIPMENT OR COMPONENTS THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN TWO YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

A. EQUIPMENT PRODUCTS. PROVIDE RESIDENTIAL APPLIANCES, LISTED IN EQUIPMENT SCHEDULE ON THE DRAWINGS.

PART 3 - EXECUTION

A. INSTALL EQUIPMENT ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

B. SECURELY ANCHOR BUILT-IN EQUIPMENT TO SUPPORTING CABINETS OR COUNTERTOPS WITH CONCEALED FASTENERS. VERIFY THAT CLEARANCES ARE ADEQUATE FOR PROPER FUNCTIONING AND THAT ROUGH OPENINGS ARE COMPLETELY CONCEALED.

C. PLACE FREESTANDING EQUIPMENT IN FINAL LOCATIONS AFTER FINISHES HAVE BEEN COMPLETED IN EACH AREA. VERIFY THAT CLEARANCES ARE ADEQUATE TO PROPERLY OPERATE EQUIPMENT.

D. MOUNT AUDIOVISUAL EQUIPMENT ACCORDING TO MANUFACTURER'S INSTRUCTIONS FOR VIBRATION ISOLATION OF EQUIPMENT.

1. INSTALL PROJECTION SCREENS WITH SCREEN CASES IN POSITION AND IN RELATION TO ADJOINING CONSTRUCTION INDICATED. SECURELY ANCHOR TO SUPPORTING SUBSTRATE IN A MANNER THAT PRODUCES A SMOOTHLY OPERATING SCREEN WITH VERTICAL EDGES PLUMB AND VIEWING SURFACE FLAT WHEN SCREEN IS LOWERED.

E. TEST EACH ITEM OF APPLIANCES TO VERIFY PROPER OPERATION. MAKE NECESSARY ADJUSTMENTS.

F. VERIFY THAT ACCESSORIES REQUIRED HAVE BEEN FURNISHED AND INSTALLED.

G. REMOVE PACKING MATERIAL FROM APPLIANCES AND LEAVE UNITS IN CLEAN CONDITION, READY FOR OPERATION.

MUSIC SYSTEM SPECIFICATION:

1. MUSIC SYSTEM IS FURNISHED AND INSTALLED BY GC.

2. MUSIC SYSTEM TO BE PURCHASED FROM THE FOLLOWING VENDOR:

BY SOLUTIONS
TEL. (760) 431-2833
ATT. WALLY WEST
E-MAIL: WMWEST@BWSOL.COM

3. MUSIC SYSTEM SHALL CONSIST OF:

A. BOSE PM250 AMPLIFIER
B. PENTON UAP2 PROCESSOR
C. SONANCE IS4-C CONCEALED SPEAKERS IN SALES SALON CEILINGS
D. BOSE DS-16F SPEAKERS IN CUSTOMER SERVICE, CORRIDORS AND RESTROOMS
E. SHURE P02 HANDHELD MICROPHONE/PO4 WIRELESS RECEIVER
F. BOSE 4400 AUTO VOLUME MIC KIT
G. PENTON RACS REMOTE VOLUME CONTROLS
H. ALL SPEAKER WIRE REQUIRED FOR INSTALLATION

4. QUANTITIES AND LOCATIONS OF DEVICES AS SHOWN ON POWERDATA PLAN.

5. PURCHASE TO INCLUDE COMMISSIONING VISIT TO SITE BY BW SOLUTIONS.

END OF SECTION 11 00 00

CURTAINS AND DRAPES

SECTION 12 22 00 - CURTAINS AND DRAPES

PART 1 - GENERAL

1.1. SUMMARY

A. SECTION INCLUDES: DRAPES AND TRACKS.

1.2. SUBMITTALS

A. PRODUCT DATA. FOR THE FOLLOWING:

1. DRAPERY TRACKS: INCLUDE MAXIMUM WEIGHTS OF DRAPES THAT CAN BE SUPPORTED.

2. DRAPERY FABRIC. PROVIDE BY OWNER.

B. SHOP DRAWINGS:

1. DRAPERY TRACKS: SHOW INSTALLATION AND ANCHORAGE DETAILS AND LOCATIONS OF CONTROLS.

2. DRAPES: SHOW SIZES, LOCATIONS, AND DETAILS OF INSTALLATION.

C. SAMPLES FOR VERIFICATION. AS FOLLOWS:

1. DRAPERY TRACKS: 18 INCHES (450 MM) LONG, WITH CARRIERS, CONTROLS, AND ACCESSORIES.

2. DRAPE FABRICATION: FOR EACH HEADING, FABRIC, COLOR, AND PATTERN INDICATED, A COMPLETE FULL-SIZE PANEL TO VERIFY DETAILS OF FABRICATION AND THREAD COLORS.

1.3. SUBMITTALS

A. COORDINATION DRAWINGS: FOR DRAPERY TRACK INSTALLATION; REFLECTED CEILING PLANS DRAWN TO SCALE AND COORDINATING TRACK INSTALLATION WITH OPENINGS AND CEILING-MOUNTED ITEMS, ON WHICH THE FOLLOWING ITEMS ARE SHOWN:

1. SUSPENDED CEILING COMPONENTS.

1.4. QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: FOR DRAPES AND DRAPERY TRACKS; FABRICATOR OF DRAPES.

B. MOCKUPS: BUILD MOCKUPS TO VERIFY SELECTIONS MADE UNDER SAMPLE SUBMITTALS, TO DEMONSTRATE AESTHETIC EFFECTS, AND TO SET QUALITY STANDARDS FOR FABRICATION AND INSTALLATION.

1. BUILD MOCKUP AT LOCATION AND IN SIZE SHOWN ON DRAWINGS.

2. SUBJECT TO COMPLIANCE WITH REQUIREMENTS, APPROVED MOCKUPS MAY BECOME PART OF THE COMPLETED WORK IF UNDISTURBED AT TIME OF SUBSTANTIAL COMPLETION.

1.5. FIELD CONDITIONS

A. FIELD MEASUREMENTS: VERIFY DIMENSIONS BY FIELD MEASUREMENTS BEFORE DRAPE FABRICATION, AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.

B. SCHEDULING: DO NOT DELIVER OR INSTALL DRAPES UNTIL AFTER OTHER FINISH WORK, INCLUDING PAINTING, IS COMPLETE AND SPACES ARE OTHERWISE READY FOR OCCUPANCY.

PART 2 - PRODUCTS

2.1. DRAPERY TRACKS

A. FIXED TRACK

1. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:

a. KIRSCH WINDOW FASHIONS; A NEWELL RUBBERMAID BRAND.

b. SILENT GLISS

2. SPRINGS WINDOW FASHIONS; SWIF CONTRACT

3. CONSTRUCTION: EXTRUDED ALUMINUM, SLOTTED FOR MOUNTING AT INTERVAL OF NOT MORE THAN 24 INCHES (610 MM) O.C.

a. LENGTHS AND CONFIGURATIONS: AS INDICATED ON DRAWINGS.

b. SUPPORT CAPABILITY: WEIGHT OF DRAPE INDICATED MOUNTED ON TRACK LENGTH INDICATED.

c. FINISH: CLEAR ANODIC COATING

3. MOUNTING BRACKETS: ALUMINUM, OF TYPE SUITABLE FOR FASTENING TRACK TO SURFACE INDICATED AND DESIGNED TO SUPPORT WEIGHT OF TRACK ASSEMBLY AND DRAPE PLUS FORCE APPLIED TO OPERATE TRACK.

a. MOUNTING SURFACE: AS INDICATED ON DRAWINGS DRAPERY POCKET.

4. INSTALLATION FASTENERS: SIZED TO SUPPORT TRACK ASSEMBLY AND DRAPE, AND FABRICATED FROM METAL COMPATIBLE WITH TRACK BRACKETS, AND SUPPORTING CONSTRUCTION. PROVIDE TWO FASTENERS TO FASTEN EACH BRACKET TO SUPPORTING CONSTRUCTION.

5. OPERATION: FIXED.

6. CARRIERS: COORDINATE WITH DRAPERY HEADINGS INDICATED.

7. END STOPS: MANUFACTURER'S STANDARD WITH TRACK END CAP.

2.2. DRAPES

A. MANUFACTURERS: SUBJECT TO COMPLIANCE WITH REQUIREMENTS, PROVIDE PRODUCTS BY ONE OF THE FOLLOWING:

1. ROSE BRAND.

2. WEISS.

3. BARJAN MANUFACTURING LTD.

4. DB SALES INC.

B. DRAPE:

1. HEADING:

a. PINCH (FRENCH) PLEATS: 100 PERCENT FULLNESS; THREE-FOLD (FINGERS) EACH PLEAT.

b. PLEAT SPACING: 5-12 INCHES.

c. HEADING ACCESSORIES.

1) HOOKS.

2. DRAPERY FABRIC: CUSTOMER'S OWN MATERIAL (COM).

3. LINING FABRIC:

a. LINING TYPE: BLACKOUT.

b. PRODUCT: SELECTED BY FABRICATOR FOR USE WITH DRAPERY FABRIC INDICATED.

c. TEXTILE TREATMENTS: STAIN REPELLENT; AND FLAME RETARDANT, POLYMER TYPE.

4. HEM WEIGHTS: TAPE TYPE (STRING WEIGHTS).

2.3. DRAPE FABRICATION

A. FABRICATE DRAPES IN HEADING STYLES AND FULLNESSES INDICATED. FABRICATE HEADINGS TO STAND ERECT, IF LESS THAN A FULL WIDTH OF FABRIC IS REQUIRED TO PRODUCE PANEL OF SPECIFIED FULLNESS, USE EQUAL WIDTHS OF NOT LESS THAN ONE-HALF WIDTH OF FABRIC LOCATED AT ENDS OF PANEL.

B. SEAMS: SEW VERTICAL SEAMS WITH TWIN-NEEDLE SEWING MACHINE WITH SELVAGE TRIMMED AND OVERLOCKED. JOIN WIDTHS SO THAT PATTERNS MATCH AND VERTICAL SEAMS LAY FLAT AND STRAIGHT WITHOUT FLOCKING; HORIZONTAL SEAMS ARE UNACCEPTABLE.

C. SIDE HEMS: DOUBLE-TURNED, 1-1/2-INCH- (38-MM) WIDE HEMS CONSISTING OF THREE LAYERS OF FABRIC, AND BLINDSTITCHED SO THAT STITCHES ARE INVISIBLE ON FACE OF DRAPE.

D. BOTTOM HEMS: DOUBLE-TURNED, 4-INCH- (102-MM) WIDE HEMS CONSISTING OF THREE LAYERS OF FABRIC, AND WEIGHTED AND BLINDSTITCHED SO THAT WEIGHTS AND STITCHES ARE INVISIBLE ON FACE OF DRAPE.

1. SEW IN SQUARE LEAD WEIGHTS AT EACH SEAM AND AT PANEL CORNERS.

E. LININGS: EQUAL TO WIDTHS OF DRAPERY FABRIC AND JOINED TO DRAPERY FABRIC AT TOP BY INSIDE INVISIBLE SEAM, AND HAND STITCHED AT SIDE HEMS AND SHADDEED WITH 1-1/2-INCH (38-MM) RETURN OF FACE FABRIC.

1. BOTTOM HEM: BLIND STITCH TO DRAPERY FABRIC.

PART 3 - EXECUTION

3.1. DRAPERY TRACK INSTALLATION

A. INSTALL TRACK SYSTEMS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS, LEVEL AND PLUMB, AND AT HEIGHT AND LOCATION IN RELATION TO ADJOINING OPENINGS AS INDICATED ON DRAWINGS.

B. ISOLATE METAL PARTS OF TRACKS AND BRACKETS FROM CONCRETE, MASONRY, AND MORTAR TO PREVENT GALVANIC ACTION. USE TAPE OR ANOTHER METHOD RECOMMENDED IN WRITING BY TRACK MANUFACTURER.

3.2. DRAPE INSTALLATION

A. WHERE DRAPES ABUT OVERHEAD CONSTRUCTION, HANG DRAPES SO THAT CLEARANCE BETWEEN HEADINGS AND OVERHEAD CONSTRUCTION IS 1/4 INCH (6.4 MM).

B. WHERE DRAPES EXTEND TO FLOOR, INSTALL SO THAT BOTTOM HEMS CLEAR FINISHED FLOOR BY NOT MORE THAN 1 INCH (25 MM) AND NOT LESS THAN 1/2 INCH (13 MM).

3.3. ADJUSTING

CURTAINS AND DRAPES (CONT.)

AFTER HANGING DRAPES, TEST AND ADJUST EACH DRAPERY TRACK TO PRODUCE UNENNUMBERED, SMOOTH OPERATION.

B. STEAM AND DRESS DOWN DRAPES AS REQUIRED TO PRODUCE CREASE- AND WRINKLE-FREE INSTALLATION.

C. REMOVE AND REPLACE DRAPES THAT ARE STAINED OR SOILED.

END OF SECTION 12 22 00

ROLLER WINDOW SHADES

SECTION 12 14 13 - ROLLER WINDOW SHADES

PART 1 - GENERAL

A. MAINTENANCE DATA SUBMITTAL: FOR ROLLER SHADES TO INCLUDE IN MAINTENANCE MANUALS.

B. FIELD MEASUREMENTS: WHERE ROLLER SHADES ARE INDICATED TO FIT TO OTHER CONSTRUCTION, VERIFY DIMENSIONS OF OTHER CONSTRUCTION BY FIELD MEASUREMENTS BEFORE FABRICATION AND INDICATE MEASUREMENTS ON SHOP DRAWINGS. ALLOW CLEARANCES FOR OPERATING HARDWARE OF OPERABLE GLAZED UNITS THROUGHOUT OPERATING RANGE. NOTIFY ARCHITECT OF INSTALLATION CONDITIONS THAT VARY FROM DRAWINGS. COORDINATE FABRICATION SCHEDULE WITH CONSTRUCTION PROGRESS TO AVOID DELAYING THE WORK.

PART 2 - PRODUCTS

A. MANUFACTURERS: AS INDICATED IN FINISH SCHEDULE.

B. SOURCE LIMITATIONS: OBTAIN ROLLER SHADES FROM SINGLE SOURCE FROM SINGLE MANUFACTURER.

C. SHADES WITH SINGLE ROLLERS:

1. ROLLERS: CORROSION-RESISTANT STEEL, OR EXTRUDED-ALUMINUM TUBES OF DIAMETERS AND WALL THICKNESSES REQUIRED TO ACCOMMODATE OPERATING MECHANISMS AND WEIGHTS AND WIDTHS OF SHADEBANDS INDICATED WITHOUT DEFLECTION. PROVIDE WITH PERMANENTLY LUBRICATED DRIVE-END ASSEMBLIES AND IDLE-END ASSEMBLIES DESIGNED TO FACILITATE REMOVAL OF SHADEBANDS FOR SERVICE.

a. DIRECTION OF SHADEBAND ROLL: REGULAR, FROM BACK OF ROLLER.

2. MOUNTING HARDWARE: BRACKETS OR ENDCAPS, CORROSION RESISTANT AND COMPATIBLE WITH ROLLER ASSEMBLY, OPERATING MECHANISM, INSTALLATION ACCESSORIES, AND MOUNTING LOCATION AND CONDITIONS INDICATED.

3. SHADEBANDS: LIGHT-FILTERING FABRIC WITH STEEL OR EXTRUDED ALUMINUM, ENCLOSED IN SEALED POCKET OF SHADEBAND MATERIAL.

4. RECESSED SHADE POCKET: RECTANGULAR, EXTRUDED-ALUMINUM ENCLOSURE DESIGNED FOR RECESSED CEILING INSTALLATION; WITH FRONT, TOP, AND BACK FORMED AS ONE PIECE, END PLATES, AND REMOVABLE BOTTOM CLOSURE PANEL. PROVIDE POCKET WITH LIP AT LOWER EDGE TO SUPPORT ACOUSTICAL CEILING PANEL.

D. MOTORIZED OPERATING SYSTEM: PROVIDE FACTORY-ASSEMBLED, SHADE-OPERATOR SYSTEM OF SIZE AND CAPACITY AND WITH FEATURES, CHARACTERISTICS, AND ACCESSORIES SUITABLE FOR CONDITIONS INDICATED, COMPLETE WITH ELECTRIC MOTOR AND FACTORY-PREWIRED MOTOR CONTROLS, POWER DISCONNECT SWITCH, ENCLOSURES PROTECTING CONTROLS AND OPERATING PARTS, AND ACCESSORIES REQUIRED FOR RELIABLE OPERATION WITHOUT MALFUNCTION. INCLUDE WIRING FROM MOTOR CONTROLS TO MOTORS. COORDINATE OPERATOR WIRING REQUIREMENTS AND ELECTRICAL CHARACTERISTICS WITH BUILDING ELECTRICAL SYSTEM.

1. ELECTRICAL COMPONENTS: LISTED AND LABELED AS DEFINED IN NFPA 70, BY A QUALIFIED TESTING AGENCY, AND MARKED FOR INTENDED LOCATION AND APPLICATION.

2. ELECTRIC MOTOR: MANUFACTURER'S STANDARD TUBULAR, ENCLOSED IN ROLLER.

a. ELECTRICAL CHARACTERISTICS: SINGLE PHASE, 110 V, 60 HZ.

3. REMOTE CONTROL: ELECTRIC CONTROLS WITH NEMA ICS 6, TYPE 1 ENCLOSURE FOR RECESSED OR FLUSH MOUNTING. PROVIDE THE FOLLOWING FOR REMOTE-CONTROL, ACTIVATION OF SHADES:

a. INDIVIDUAL/GROUP CONTROL STATION: MAINTAINED-CONTACT, THREE-POSITION, ROCKER-STYLE, WALL-SWITCH-OPERATED CONTROL STATION WITH OPEN, CLOSE, AND CENTER OFF FUNCTIONS FOR INDIVIDUAL AND GROUP CONTROL.

E. SHADEBAND MATERIAL FLAME-RESISTANCE RATING: COMPLY WITH NFPA 701. TESTING BY A QUALIFIED TESTING AGENCY. IDENTIFY PRODUCTS WITH APPROPRIATE MARKINGS OF APPLICABLE TESTING AGENCY.

1. LIGHT-FILTERING FABRIC: WOVEN FABRIC, STAIN AND FADE RESISTANT. COLOR AND OPENNESS FACTOR AS SELECTED BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.

F. PRODUCT SAFETY STANDARD: FABRICATE ROLLER SHADES TO COMPLY WITH WOMA A 100.1, INCLUDING REQUIREMENTS FOR FLEXIBLE, CHAIN-LOOP DEVICES; LEAD CONTENT OF COMPONENTS; AND WARNING LABELS.

G. UNIT SIZES: FABRICATE UNITS IN SIZES TO FILL WINDOW AND OTHER OPENINGS WITH TERMINATIONS BETWEEN SHADES OF END-TO-END INSTALLATIONS AT CENTERLINES OF MULLION OR OTHER DEFINED VERTICAL SEPARATIONS BETWEEN OPENINGS, MEASURED AT 74 DEG F.

PART 3 - EXECUTION

A. INSTALL ROLLER SHADES LEVEL, PLUMB, AND ALIGNED WITH ADJACENT UNITS ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

B. ELECTRICAL CONNECTIONS: CONNECT MOTOR-OPERATED ROLLER SHADES TO BUILDING ELECTRICAL SYSTEM.

C. ADJUST AND BALANCE ROLLER SHADES TO OPERATE SMOOTHLY, EASILY, SAFELY, AND FREE FROM BINDING OR MALFUNCTION THROUGHOUT ENTIRE OPERATIONAL RANGE.

D. CLEAN ROLLER-SHADE SURFACES AFTER INSTALLATION, ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

END OF SECTION 12 14 13

MANUFACTURED CASEWORK

SECTION 12 32 13 - MANUFACTURED CASEWORK

PART 1 - GENERAL

1.1. COORDINATION

A. COORDINATE SIZES AND LOCATIONS OF FRAMING, BLOCKING, FURRING, REINFORCEMENTS, AND OTHER RELATED UNITS OF WORK SPECIFIED IN OTHER SECTIONS TO ENSURE THAT CASEWORK CAN BE SUPPORTED AND INSTALLED AS INDICATED.

1.2. SUBMITTALS

A. SHOP DRAWINGS: INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK. SHOW FABRICATION DETAILS, INCLUDING TYPES AND LOCATIONS OF HARDWARE. SHOW INSTALLATION DETAILS, INCLUDING FIELD JOINTS AND FILLER PANELS. INDICATE MANUFACTURER'S CATALOG NUMBERS FOR CASEWORK.

B. KEYING SCHEDULE: INCLUDE SCHEMATIC KEYING DIAGRAM AND INDEX EACH KEY SET TO UNIQUE DESIGNATIONS THAT ARE COORDINATED WITH THE CONTRACT DOCUMENTS.

1.3. SUBMITTALS

A. QUALIFICATION DATA: FOR INSTALLER.

1. QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: AN AUTHORIZED REPRESENTATIVE WHO IS TRAINED AND APPROVED BY MANUFACTURER FOR INSTALLATION OF UNITS REQUIRED FOR THIS PROJECT.

1.5. DELIVERY, STORAGE, AND HANDLING

A. DELIVER CASEWORK ONLY AFTER PAINTING, UTILITY ROUGHING-IN, AND SIMILAR OPERATIONS THAT COULD DAMAGE, SOIL, OR DETERIORATE CASEWORK HAVE BEEN COMPLETED IN INSTALLATION AREAS. IF CASEWORK MUST BE STORED IN OTHER THAN INSTALLATION AREAS, STORE ONLY IN AREAS WHERE ENVIRONMENTAL CONDITIONS COMPLY WITH REQUIREMENTS SPECIFIED IN "FIELD CONDITIONS" ARTICLE.

B. KEEP FINISHED SURFACES COVERED WITH POLYETHYLENE FILM OR OTHER PROTECTIVE COVERING DURING HANDLING AND INSTALLATION.

1.6. FIELD CONDITIONS

A. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL CASEWORK UNTIL BUILDING IS ENCLOSED, WET WORK IS COMPLETE, AND HVAC SYSTEM IS OPERATING AND MAINTAINING TEMPERATURE AND RELATIVE HUMIDITY AT OCCUPANCY LEVELS DURING THE REMAINDER OF THE CONSTRUCTION PERIOD. MAINTAIN TEMPERATURE AND RELATIVE HUMIDITY DURING THE REMAINDER OF THE CONSTRUCTION PERIOD IN RANGE RECOMMENDED FOR PROJECT LOCATION BY THE AWIS, AIA/MCAS, AND WIS "ARCHITECTURAL WOODWORK STANDARDS."

B. ESTABLISHED DIMENSIONS: WHERE CASEWORK IS INDICATED TO FIT TO OTHER CONSTRUCTION, ESTABLISH DIMENSIONS FOR AREAS WHERE WOODWORK IS TO FIT. PROVIDE ALLOWANCE FOR TRIMMING AT SITE, AND COORDINATE CONSTRUCTION TO ENSURE THAT ACTUAL DIMENSIONS CORRESPOND TO ESTABLISHED DIMENSIONS.

C. LOCATE CONCEALED FRAMING, BLOCKING, AND REINFORCEMENTS THAT SUPPORT CASEWORK BY FIELD MEASUREMENTS BEFORE BEING ENCLOSED, AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.

PART 2 - PRODUCTS

2.1. CASEWORK, GENERAL

A. THE PRIMARY PRODUCTS OF THIS SPECIFICATION SECTION MAY BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. REFER TO THE "RESPONSIBILITY MATRIX" AND THE "FINISH SCHEDULE" ON DRAWINGS FOR ACCURATE REQUIREMENTS.

B. ACCESSORY MATERIALS NECESSARY FOR A COMPLETE AND FUNCTIONAL INSTALLATION SHALL BE PROVIDED BY THE CONTRACTOR.

PART 3 - EXECUTION

3.1. EXAMINATION

A. EXAMINE AREAS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES, LOCATION OF FRAMING AND REINFORCEMENTS, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.

B. PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2. CASEWORK INSTALLATION

A. GRADE: INSTALL CABINETS TO COMPLY WITH AIA CUSTOM GRADE.

B. INSTALL CASEWORK LEVEL, PLUMB, AND TRUE; SHIM AS REQUIRED, USING CONCEALED SHIMS, WHERE CASEWORK ABUTS OTHER FINISHED WORK. APPLY FILLER STRIPS AND SCRIBE FOR ACCURATE FIT, WITH FASTENERS CONCEALED WHERE PRACTICAL.

C. BASE CABINETS: SET CABINETS STRAIGHT, LEVEL, AND PLUMB. ADJUST SUBTOPS WITHIN 1/16 INCH (1.5 MM) OF A SINGLE PLANE. ALIGN SIMILAR ADJOINING DOORS AND DRAWERS TO A TOLERANCE OF 1/16 INCH (1.5 MM). JOINT ADJACENT CABINETS TOGETHER WITH JOINTS FLUSH, TIGHT, AND UNIFORM.

D. WALL CABINETS: HANG CABINETS STRAIGHT, LEVEL, AND PLUMB. ADJUST FRONTS AND BOTTOMS WITHIN 1/16 INCH (1.5 MM) OF A SINGLE PLANE. FASTEN CABINETS TO HANGING STRIPS, MASONRY, FRAMING, WOOD BLOCKING, OR REINFORCEMENTS IN WALLS AND PARTITIONS. ALIGN SIMILAR ADJOINING DOORS TO A TOLERANCE OF 1/16 INCH (1.5 MM).

E. FASTEN CABINETS TO ADJACENT CABINETS AND TO MASONRY, FRAMING, WOOD BLOCKING, OR REINFORCEMENTS IN WALLS AND PARTITIONS TO COMPLY WITH THE AWIS, AIA/MCAS, AND WIS "ARCHITECTURAL WOODWORK STANDARDS."

F. INSTALL HARDWARE UNIFORMLY AND PRECISELY. SET HINGES SNUG AND FLAT IN MORTISES UNLESS OTHERWISE INDICATED. ADJUST AND ALIGN HARDWARE SO MOVING PARTS OPERATE FREELY AND CONTACT POINTS MEET ACCURATELY. ALLOW FOR FINAL ADJUSTMENT AFTER INSTALLATION.

G. ADJUST CASEWORK AND HARDWARE SO DOORS AND DRAWERS OPERATE SMOOTHLY WITHOUT WARP OR BIND. LUBRICATE OPERATING HARDWARE AS RECOMMENDED BY MANUFACTURER.

3.3. CLEANING

A. REPAIR OR REMOVE AND REPLACE DEFECTIVE WORK AS DIRECTED ON COMPLETION OF INSTALLATION.

B. CLEAN FINISHED SURFACES, TOUCH UP AS REQUIRED, AND REMOVE OR REFINISH DAMAGED OR SOILED AREAS TO MATCH ORIGINAL FACTORY FINISH, AS APPROVED BY ARCHITECT.

END OF SECTION 12 32 13

MF'D PLASTIC-LAMINATE-FACED CASEWORK

SECTION 12 32 16 - MANUFACTURED PLASTIC-LAMINATE-FACED CASEWORK

PART 1 - GENERAL

1.1. RELATED DOCUMENTS

A. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 01 SPECIFICATION SECTIONS, APPLY TO THIS SECTION.

1.2. SUMMARY

A. SECTION INCLUDES PLASTIC-LAMINATE-FACED CABINETS OF STOCK DESIGN.

B. RELATED REQUIREMENTS:

1. SECTION 06 10 53 "MISCELLANEOUS ROUGH CARPENTRY" FOR WOOD BLOCKING FOR ANCHORING CASEWORK.

2. SECTION 09 22 16 "NON-STRUCTURAL METAL FRAMING" FOR REINFORCEMENTS IN METAL-FRAMED PARTITIONS FOR ANCHORING CASEWORK.

3. SECTION 09 65 13 "RESILIENT BASE AND ACCESSORIES" FOR RESILIENT BASE APPLIED TO PLASTIC-LAMINATE-FACED CASEWORK.

4. SECTION 12 35 53 16 "PLASTIC-LAMINATE LABORATORY CASEWORK."

5. SECTION 12 36 23 13 "PLASTIC-LAMINATE-CLAD COUNTERTOPS."

1.3. DEFINITIONS

A. DEFINITION OF THE AWIS, AIA/MCAS, AND WIS "ARCHITECTURAL WOODWORK STANDARDS" APPLY TO THE WORK OF THIS SECTION.

B. MDF: MEDIUM-DENSITY FIBERBOARD.

C. HARDWOOD PLYWOOD: A PANEL PRODUCT COMPOSED OF LAYERS OR PILES OF VENEER, OR OF VENEERS IN COMBINATION WITH LUMBER CORE, HARDBOARD CORE, MDF CORE, OR PARTICLEBOARD CORE, JOINED WITH ADHESIVE, AND FACED BOTH FRONT AND BACK WITH HARDWOOD VENEERS.

1.4. PREINSTALLATION MEETINGS

A. PREINSTALLATION CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE.

B. KEYING CONFERENCE: CONDUCT CONFERENCE AT PROJECT SITE, INCORPORATE KEYING CONFERENCE DECISIONS INTO FINAL KEYING REQUIREMENTS.

1.5. COORDINATION

A. COORDINATE SIZES AND LOCATIONS OF FRAMING, BLOCKING, FURRING, REINFORCEMENTS, AND OTHER RELATED UNITS OF WORK SPECIFIED IN OTHER SECTIONS TO ENSURE THAT CASEWORK CAN BE SUPPORTED AND INSTALLED AS INDICATED.

1.6. ACTION SUBMITTALS

A. ACTION DATA: FOR EACH TYPE OF PRODUCT.

B. SHOP DRAWINGS: INCLUDE PLANS, ELEVATIONS, SECTIONS, DETAILS, AND ATTACHMENTS TO OTHER WORK. SHOW FABRICATION DETAILS, INCLUDING TYPES AND LOCATIONS OF HARDWARE. SHOW INSTALLATION DETAILS, INCLUDING FIELD JOINTS AND FILLER PANELS. INDICATE MANUFACTURER'S CATALOG NUMBERS FOR CASEWORK.

C. KEYING SCHEDULE: INCLUDE SCHEMATIC KEYING DIAGRAM AND INDEX EACH KEY SET TO UNIQUE DESIGNATIONS THAT ARE COORDINATED WITH THE CONTRACT DOCUMENTS.

D. SAMPLES FOR CABINET FINISHES.

E. SAMPLES FOR VERIFICATION: 8-8X 10-INCH (200-BY-250-MM) SAMPLES FOR EACH TYPE OF FINISH AND THE FOLLOWING:

1. ONE FULL-SIZE FINISHED BASE CABINET COMPLETE WITH HARDWARE, DOORS, AND DRAWERS.

2. ONE FULL-SIZE FINISHED WALL CABINET COMPLETE WITH HARDWARE, DOORS, AND ADJUSTABLE SHELVES.

3. MAINTAIN FULL-SIZE SAMPLES AT PROJECT SITE DURING CONSTRUCTION IN AN UNDISTURBED CONDITION AS A STANDARD FOR JUDGING THE COMPLETED WORK, UNLESS OTHERWISE INDICATED. APPROVED SAMPLE UNITS MAY BECOME PART OF THE COMPLETED WORK IF IN UNDISTURBED CONDITION AT TIME OF SUBSTANTIAL COMPLETION. NOTIFY ARCHITECT OF THEIR EXACT LOCATIONS.

1.7. INFORMATIONAL SUBMITTALS

A. QUALIFICATION DATA: FOR INSTALLER.

B. QUALITY STANDARD COMPLIANCE CERTIFICATES: AIA QUALITY CERTIFICATION PROGRAM CERTIFICATES.

C. SAMPLE WARRANTY: FOR SPECIAL WARRANTY.

1.8. QUALITY ASSURANCE

A. INSTALLER QUALIFICATIONS: AN AUTHORIZED REPRESENTATIVE WHO IS TRAINED AND APPROVED BY CASEWORK MANUFACTURER FOR INSTALLATION OF UNITS REQUIRED FOR THIS PROJECT.

1.9. DELIVERY, STORAGE, AND HANDLING

A. DELIVER CASEWORK ONLY AFTER PAINTING, UTILITY ROUGHING-IN, AND SIMILAR OPERATIONS THAT COULD DAMAGE, SOIL, OR DETERIORATE CASEWORK HAVE BEEN COMPLETED IN INSTALLATION AREAS. IF CASEWORK MUST BE STORED IN OTHER THAN INSTALLATION AREAS, STORE ONLY IN AREAS WHERE ENVIRONMENTAL CONDITIONS MEET REQUIREMENTS SPECIFIED IN "PROJECT CONDITIONS" ARTICLE.

B. KEEP FINISHED SURFACES COVERED WITH POLYETHYLENE FILM OR OTHER PROTECTIVE COVERING DURING HANDLING AND INSTALLATION.

1.10. FIELD CONDITIONS

A. ENVIRONMENTAL LIMITATIONS: DO NOT DELIVER OR INSTALL CASEWORK UNTIL BUILDING IS ENCLOSED, WET WORK IS COMPLETE, AND HVAC SYSTEM IS OPERATING AND MAINTAINING TEMPERATURE AND RELATIVE HUMIDITY AT OCCUPANCY LEVELS DURING THE REMAINDER OF THE CONSTRUCTION PERIOD. MAINTAIN TEMPERATURE AND RELATIVE HUMIDITY DURING THE REMAINDER OF THE CONSTRUCTION PERIOD IN RANGE RECOMMENDED FOR PROJECT LOCATION BY THE AWIS, AIA/MCAS, AND WIS "ARCHITECTURAL WOODWORK STANDARDS."

B. ESTABLISHED DIMENSIONS: WHERE CASEWORK IS INDICATED TO FIT TO OTHER CONSTRUCTION, ESTABLISH DIMENSIONS FOR AREAS WHERE WOODWORK IS TO FIT. PROVIDE ALLOWANCE FOR TRIMMING AT SITE, AND COORDINATE CONSTRUCTION TO ENSURE THAT ACTUAL DIMENSIONS CORRESPOND TO ESTABLISHED DIMENSIONS.

C. LOCATE CONCEALED FRAMING, BLOCKING, AND REINFORCEMENTS THAT SUPPORT CASEWORK BY FIELD MEASUREMENTS BEFORE BEING ENCLOSED, AND INDICATE MEASUREMENTS ON SHOP DRAWINGS.

1.11. WARRANTY

A. SPECIAL WARRANTY: MANUFACTURER AGREES TO REPAIR OR REPLACE COMPONENTS OF CASEWORK THAT FAIL IN MATERIALS OR WORKMANSHIP WITHIN SPECIFIED WARRANTY PERIOD.

1. FAILURES INCLUDE, BUT ARE NOT LIMITED TO, THE FOLLOWING:

a. DELAMINATION OF COMPONENTS OR OTHER FAILURES OF GLUE BOND.

b. WARPING OF COMPONENTS.

c. FAILURE OF OPERATING HARDWARE.

2. WARRANTY PERIOD: FIVE YEARS FROM DATE OF SUBSTANTIAL COMPLETION.

PART 2 - PRODUCTS

2.1. MANUFACTURERS

A. REFER TO DRAWINGS FOR MANUFACTURERS AND PRODUCT SELECTIONS.

B. PRODUCT DESIGNATIONS: DRAWINGS INDICATE SIZES, CONFIGURATIONS, AND FINISH MATERIALS OF MANUFACTURED PLASTIC-LAMINATE-FACED CABINETS BY REFERENCING DESIGNATED MANUFACTURER'S CATALOG NUMBERS. OTHER MANUFACTURER'S CASEWORK OF SIMILAR SIZES AND DOOR AND DRAWER CONFIGURATIONS, OF SAME FINISH MATERIALS, AND COMPLYING WITH THE SPECIFICATIONS MAY BE CONSIDERED. SEE SECTION 01 60 00 "PRODUCT REQUIREMENTS."

2.2. COLORS AND FINISHES

A. WOOD COLORS AND FINISHES: AS INDICATED BY MANUFACTURER'S DESIGNATIONS.

B. THERMOSET DECORATIVE PANEL COLORS, PATTERNS, AND FINISHES: AS SELECTED BY ARCHITECT FROM CASEWORK MANUFACTURER'S FULL RANGE.

C. PLASTIC-LAMINATE COLORS, PATTERNS, AND FINISHES: AS INDICATED BY MANUFACTURER'S DESIGNATIONS.

D. PVC EDGEBANDING COLOR: AS SELECTED FROM CASEWORK MANUFACTURER'S FULL RANGE.

2.3. FABRICATION

A. FILLER STRIPS: PROVIDE AS NEEDED TO CLOSE SPACES BETWEEN CABINETS AND WALLS, CEILINGS, AND INDICATED EQUIPMENT. FABRICATE FROM SAME MATERIAL AND WITH SAME FINISH AS CABINETS.

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
CD SET	08/28/2023
REV. 1	10/30/2023
REV. 2	11/14/2023
REV. 3	12/27/2023
REV. 3.1	02/13/2023

CLIENT:	
TIFFANY & CO.	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
SHEET NUMBER:	
SPECIFICATIONS	A 10.12

MF'D PLASTIC-LAMINATE-FACED CASEWORK (CONT.)

2.4 CASEWORK HARDWARE AND ACCESSORIES
A. HARDWARE, GENERAL: UNLESS OTHERWISE INDICATED, PROVIDE MANUFACTURER'S STANDARD SATIN-FINISH, COMMERCIAL-QUALITY, HEAVY-DUTY HARDWARE.
1. USE THREADED METAL OR PLASTIC INSERTS WITH MACHINE SCREWS FOR FASTENING TO PARTICLEBOARD EXCEPT WHERE HARDWARE IS THROUGH-BOLTED FROM BACK SIDE.

PART 3 - EXECUTION
3.1 EXAMINATION
A. EXAMINE AREAS, WITH INSTALLER PRESENT, FOR COMPLIANCE WITH REQUIREMENTS FOR INSTALLATION TOLERANCES, LOCATION OF FRAMING AND REINFORCEMENTS, AND OTHER CONDITIONS AFFECTING PERFORMANCE OF THE WORK.
PROCEED WITH INSTALLATION ONLY AFTER UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED.

3.2 CASEWORK INSTALLATION
A. GRADE: INSTALL CABINETS TO COMPLY WITH SAME GRADE AS ITEM TO BE INSTALLED.
B. INSTALL CASEWORK LEVEL, PLUMB, AND TRUE; SHIM AS REQUIRED, USING CONCEALED SHIMS, WHERE CASEWORK ADJUTS OTHER FINISHED WORK, APPLY FILLER STRIPS AND SCRIBE FOR ACCURATE FIT, WITH FASTENERS CONCEALED WHERE PRACTICAL.
C. BASE CABINETS: SET CABINETS STRAIGHT, LEVEL, AND PLUMB. ADJUST SUBTOPS WITHIN 1/16 INCH (1.5 MM) OF A SINGLE PLANE; ALIGN SIMILAR ADJOINING DOORS AND DRAWERS TO A TOLERANCE OF 1/16 INCH (1.5 MM). BOLT ADJACENT CABINETS TOGETHER WITH JOINTS FLUSH, TIGHT, AND UNIFORM.
D. WALL CABINETS: HANG CABINETS STRAIGHT, LEVEL, AND PLUMB. ADJUST FRONTS AND BOTTOMS WITHIN 1/16 INCH (1.5 MM) OF A SINGLE PLANE. FASTEN TO HANGING STRIPS, MASONRY, FRAMING, WOOD BLOCKING, OR REINFORCEMENTS IN WALLS AND PARTITIONS. ALIGN SIMILAR ADJOINING DOORS TO A TOLERANCE OF 1/16 INCH (1.5 MM).
E. FASTEN CABINETS TO ADJACENT CABINETS AND TO MASONRY, FRAMING, WOOD BLOCKING, OR REINFORCEMENTS IN WALLS AND PARTITIONS TO COMPLY WITH THE AWIS, AWMACS, AND WIS "ARCHITECTURAL WOODWORK STANDARDS".
F. INSTALL HARDWARE UNIFORMLY AND PRECISELY. SET HINGES SNUG AND FLAT IN MORTISES UNLESS OTHERWISE INDICATED. ADJUST AND ALIGN HARDWARE SO MOVING PARTS OPERATE FREELY AND CONTACT POINTS MEET ACCURATELY. ALLOW FOR FINAL ADJUSTMENT AFTER INSTALLATION.
G. ADJUST CASEWORK AND HARDWARE SO DOORS AND DRAWERS OPERATE SMOOTHLY WITHOUT WARP OR BIND. LUBRICATE OPERATING HARDWARE AS RECOMMENDED BY MANUFACTURER.

3.3 CLEANING
A. REPAIR OR REMOVE AND REPLACE DEFECTIVE WORK AS DIRECTED ON COMPLETION OF INSTALLATION.
B. CLEAN FINISHED SURFACES. TOUCH UP AS REQUIRED, AND REMOVE OR REFINISH DAMAGED OR SOILED AREAS TO MATCH ORIGINAL FACTORY FINISH, AS APPROVED BY ARCHITECT.

END OF SECTION 12 32 16

GENERAL NOTES

LEGEND

ISSUE	DATE
50% SET	05/19/2023
100% SET	06/23/2023
CD SET	06/30/2023
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REV. 1	10/30/2023
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REV. 3	12/27/2023
REV. 3.1	02/13/2023
CLIENT:	
TIFFANY & CO.	
PROJECT:	
WTC SANTO DOMINGO AVE. WINSTON CHURCHILL, TORRE BLUE MALL, SANTO DOMINGO, DOMINICAN REPUBLIC	
ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:	
edicon CONSTRUCTION & CONSULTING	
DRAW BY: EDICON	CHECKED BY: xx
LOCAL ARCHITECT:	
SHEET NAME:	
SHEET NUMBER:	
SPECIFICATIONS	A 10.13



LA DESCRIPCION DE ESTOS PERFILES ESTA TOMADA EN BASE AL MANUAL DEL INSTITUTO MEXICANO DE LA CONSTRUCCION EN ACERO A.C. (IMCA).

- ## LEGEND
- | | |
|-----|-------------------------|
| NPT | NIVEL DE PISO TERMINADO |
| NTA | NIVEL TOPE DE ACERO |
| NTC | NIVEL TOPE DE CONCRETO |
| CM | COLUMNA METÁLICA |
| TM | TRABE METÁLICA |
| TS | TRABE SECUNDARIA |
| ALF | ALFARDA |

CLIENT:

TIFFANY&CO.

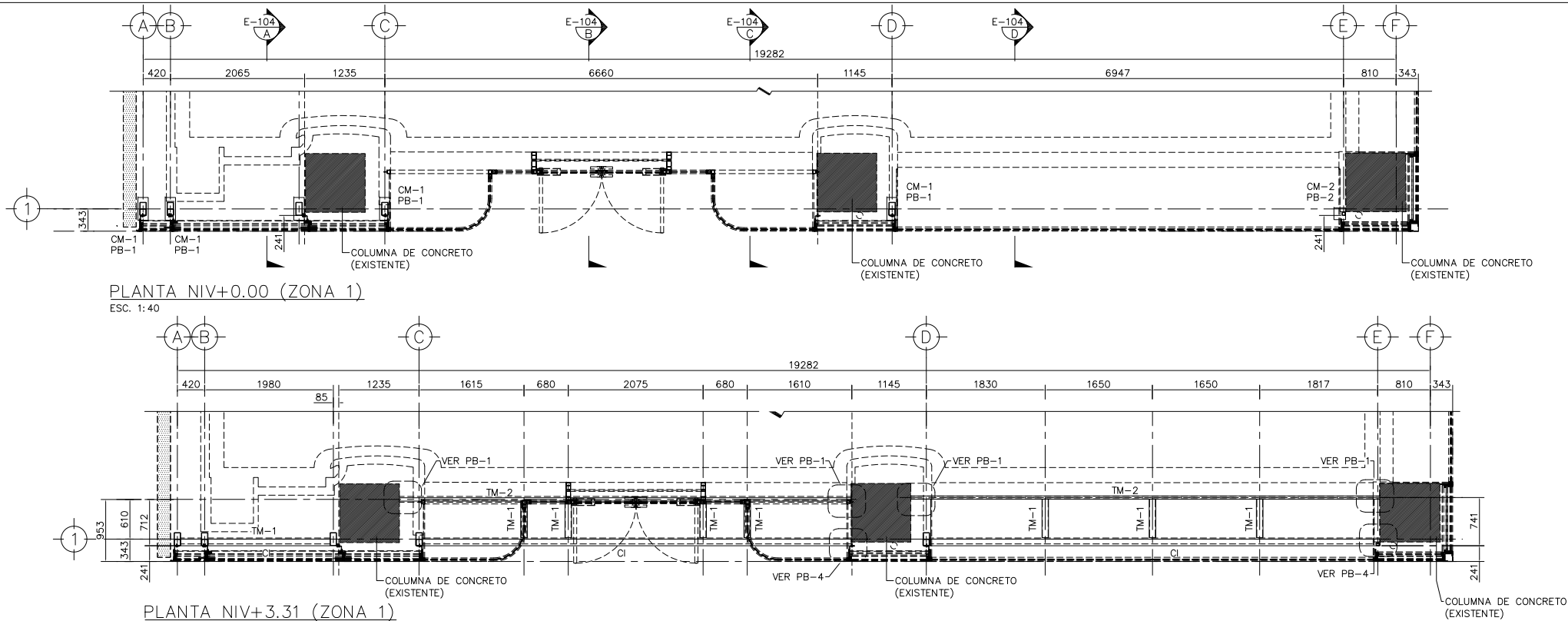
PROJECT: **WTC SANTO DOMINGO**
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTION & CONSULTING

DRAW BYJG CHECKED BYJLG
LOCAL ARCHITECT:

SHEET NAME: PLANTA GENERAL	SHEET NUMBER: E-101
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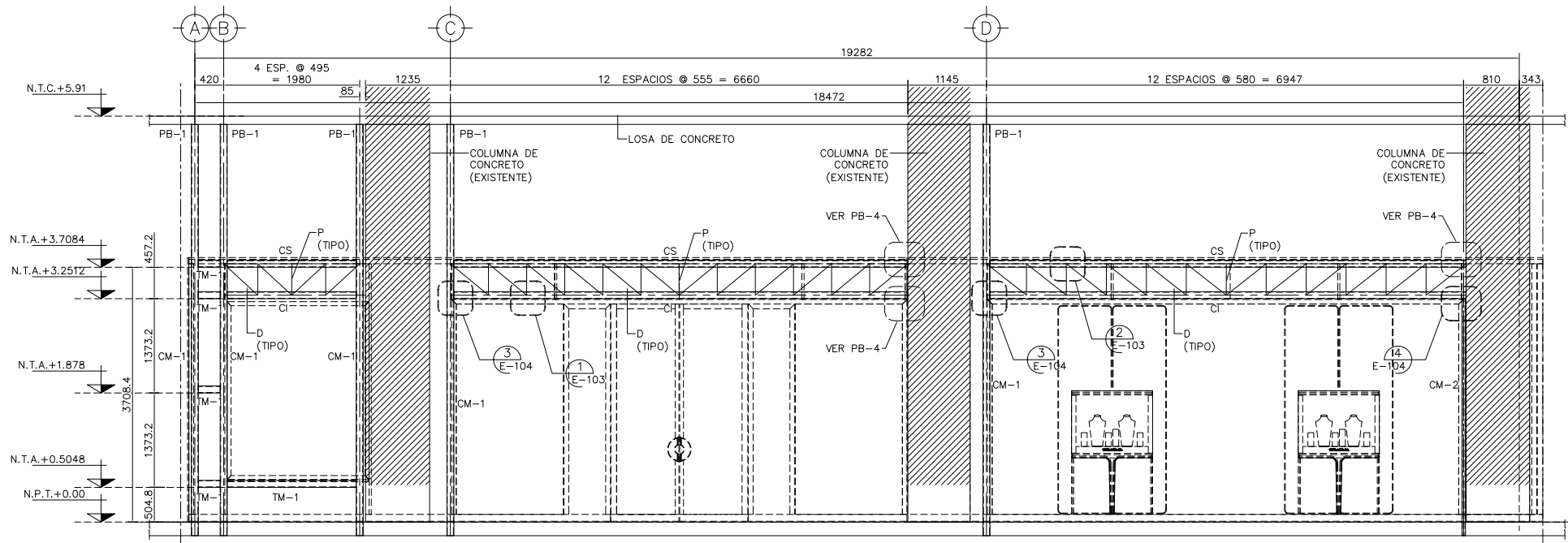


PLANTA NIV+0.00 (ZONA 1)

ESC. 1:40

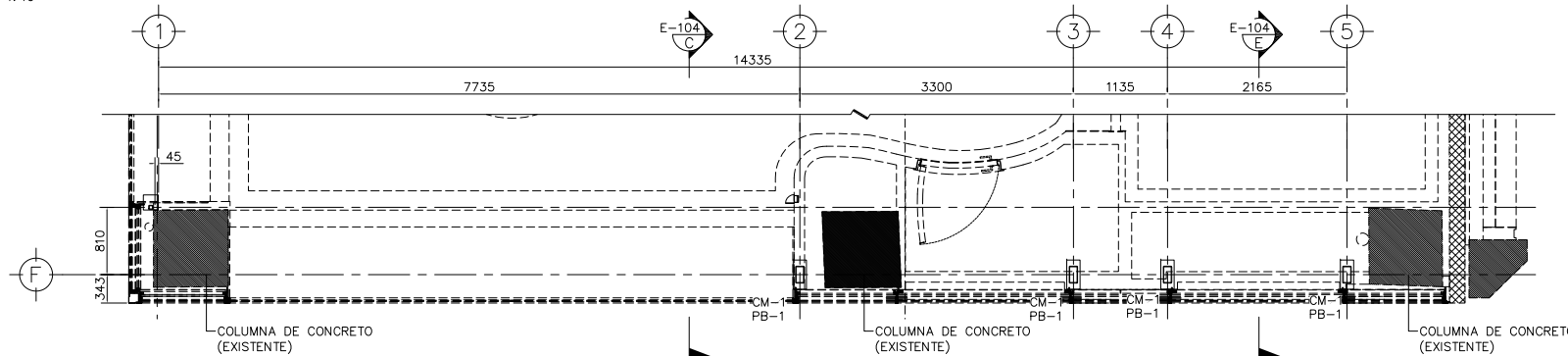
PLANTA NIV+3.31 (ZONA 1)

ESC. 1:40



ELEVACIÓN FACHADA EJE 1 (ZONA 1)

ESC. 1:40



PLANTA NIV+0.00 (ZONA 2)

ESC. 1:40

SHEET NOTES

GENERAL NOTES

- 1.- ACOTACIONES EN MILÍMETROS, EXCEPTO INDICADAS, NIVELES EN METROS.
- 2.- TODAS LAS ACOTACIONES, PAÑOS FIJOS Y NIVELES, DEBERÁN VERIFICARSE CON LOS PLANOS ARQUITECTÓNICOS Y EN LA OBRA.
- 3.- TODOS LOS PLANOS DEBERÁN TRABAJARSE CON LOS PLANOS DE ARQUITECTURA.
- 4.- ACERO ESTRUCTURAL PARA PERFILES OR A500 GRADO B ($f_y=3235$).
- 5.- SOLDADURA $E=70xx$.

LEGEND

NPT	NIVEL DE PISO TERMINADO
NTA	NIVEL TOPE DE ACERO
NTC	NIVEL TOPE DE CONCRETO
CM	COLUMNA METÁLICA
TM	TRABE METÁLICA
TS	TRABE SECUNDARIA
ALF	ALFARDA

ISSUE	DATE
ISSUE 50% SET	15/01/2024
ISSUE 100% SET	16/01/2024

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ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

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CONSEJO REGULADOR DE INGENIERIA Y ARQUITECTURA

DRAW BY:G

CHECKED BY:LG

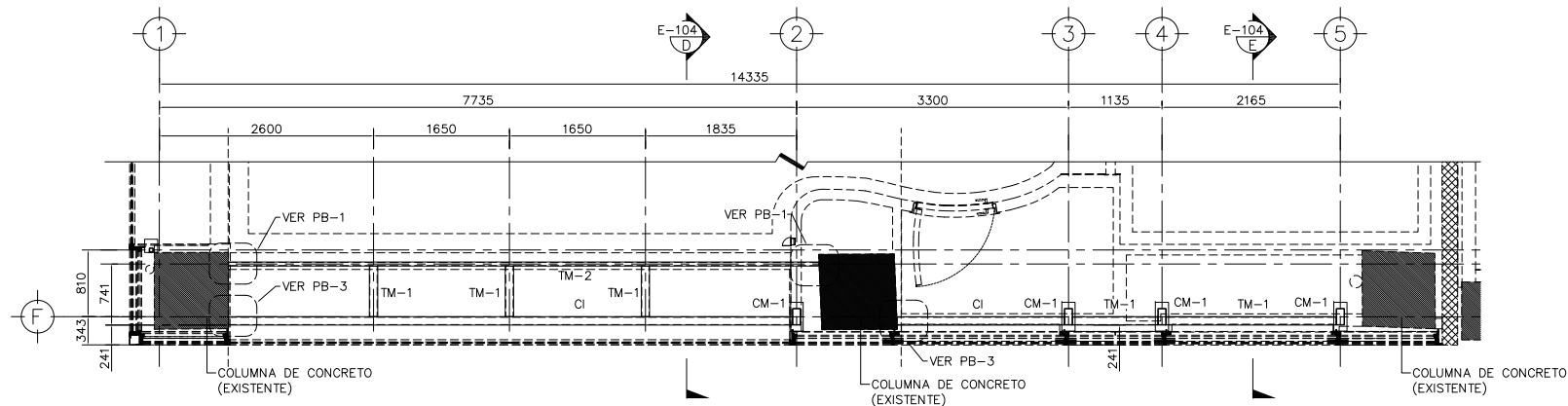
LOCAL ARCHITECT:

SHEET NAME:

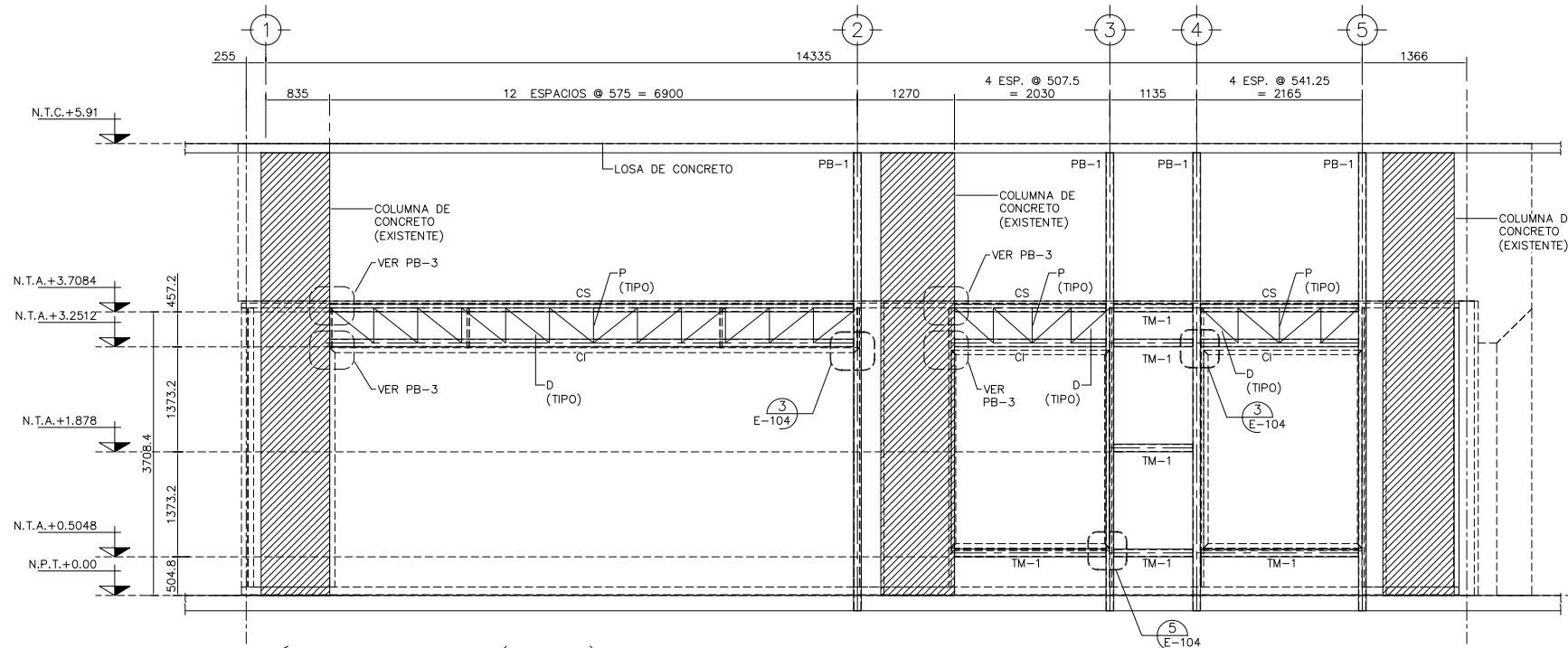
PLANTAS Y
ELEVACIONES

SHEET NUMBER:

E-102

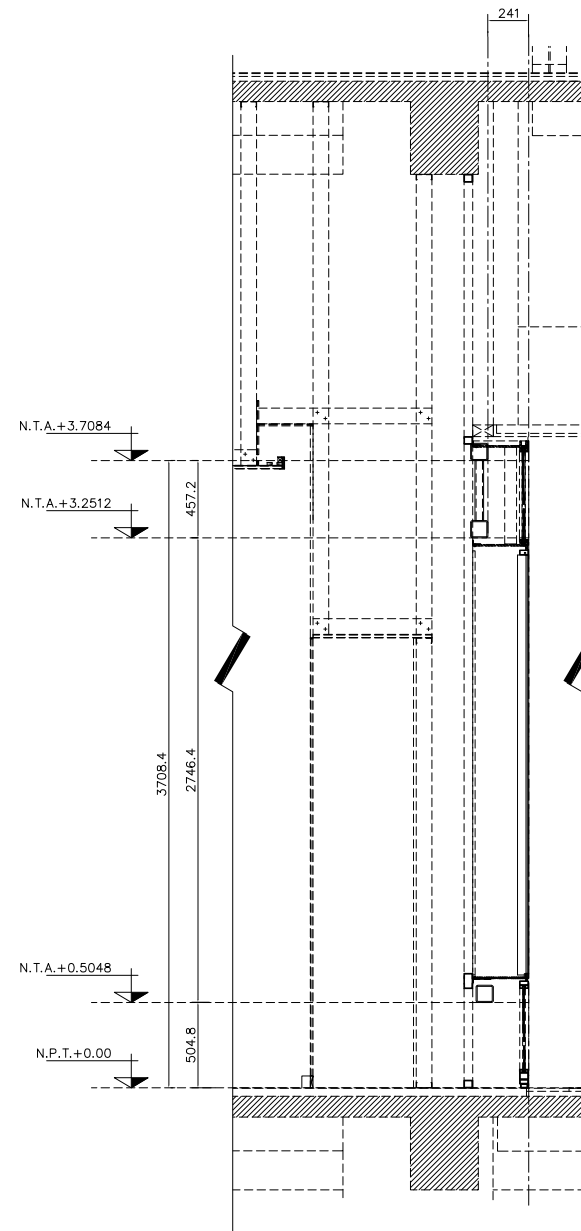


PLANTA NTA+3.31 (ZONA 2)
ESC. 1:40

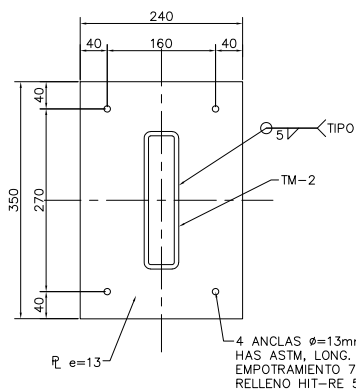


ELEVACIÓN FACHADA EJE 1 (ZONA 1)
ESC. 1:40

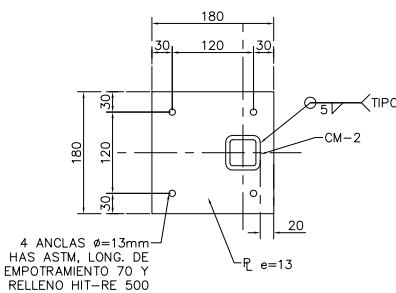
Nota importante:
Las columnas de acero deben ser ancladas en la losa existente.



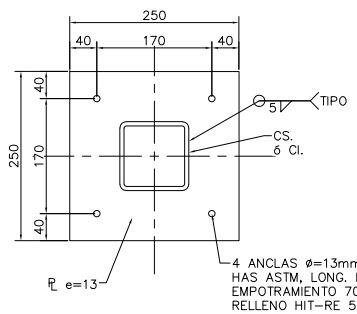
CORTE A
ESC. 1:20



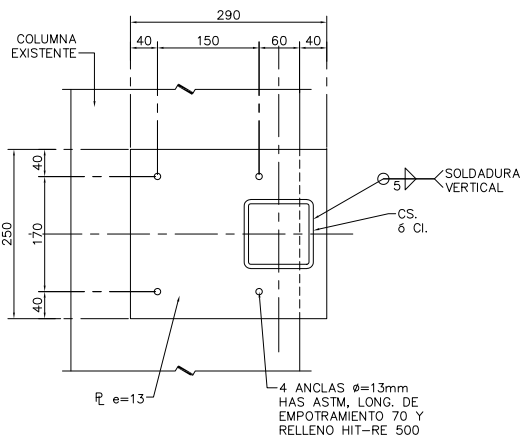
PLACA BASE PB-1
ESC. 1:5



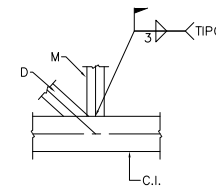
PLACA BASE PB-2
ESC. 1:5



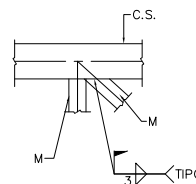
PLACA BASE PB-3
ESC. 1:5



PLACA BASE PB-4
ESC. 1:5



DETALLE 1
ESC. 1:7.5



DETALLE 2
ESC. 1:7.5

SHEET NOTES

GENERAL NOTES

- 1.- ACOTACIONES EN MILÍMETROS, EXCEPTO INDICADAS, NIVELES EN METROS.
- 2.- TODAS LAS ACOTACIONES, PAÑOS FIJOS Y NIVELES, DEBERÁN VERIFICARSE CON LOS PLANOS ARQUITECTÓNICOS Y EN LA OBRA.
- 3.- TODOS LOS PLANOS DEBERÁN TRABAJARSE CON LOS PLANOS DE ARQUITECTURA.
- 4.- ACERO ESTRUCTURAL PARA PERFILES OR A500 GRADO B ($f_y=3235$)
- 5.- SOLDADURA E=70xx.

LEGEND

NPT	NIVEL DE PISO TERMINADO
NTA	NIVEL TOPE DE ACERO
NTC	NIVEL TOPE DE CONCRETO
CM	COLUMNA METÁLICA
TM	TRABE METÁLICA
TS	TRABE SECUNDARIA
ALF	ALFARDA

ISSUE	DATE
ISSUE 50% SET	15/01/2024
ISSUE 100% SET	16/01/2024

CLIENT:

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PROJECT: **WTC SANTO DOMINGO**
AVE. WINSTON CHURCHILL, TORRE BLUE MALL,
SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:

edicon
CONSTRUCTORA Y DISEÑADORA

DRAW BY:G CHECKED BY:LG
LOCAL ARCHITECT:

SHEET NAME:
PLANTAS, CORTES
Y DETALLES

SHEET NUMBER:
E-103

SHEET NOTES

GENERAL NOTES

- 1.- ACOTACIONES EN MILÍMETROS, EXCEPTO INDICADAS, NIVELES EN METROS.
- 2.- TODAS LAS ACOTACIONES, PAÑOS FIJOS Y NIVELES, DEBERÁN VERIFICARSE CON LOS PLANOS ARQUITECTÓNICOS Y EN LA OBRA.
- 3.- TODOS LOS PLANOS DEBERÁN TRABAJARSE CON LOS PLANOS DE ARQUITECTURA.
- 4.- ACERO ESTRUCTURAL PARA PERFILES OR A500 GRADO B (fy=3235).
- 5.- SOLDADURA E=70xx.

LEGEND

NPT	NIVEL DE PISO TERMINADO
NTA	NIVEL TOPE DE ACERO
NTC	NIVEL TOPE DE CONCRETO
CM	COLUMNA METÁLICA
TM	TRABE METÁLICA
TS	TRABE SECUNDARIA
ALF	ALFARDA

ISSUE	DATE
ISSUE 50% SET	15/01/2024
ISSUE 100% SET	16/01/2024

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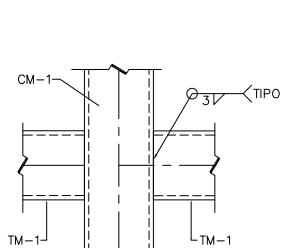
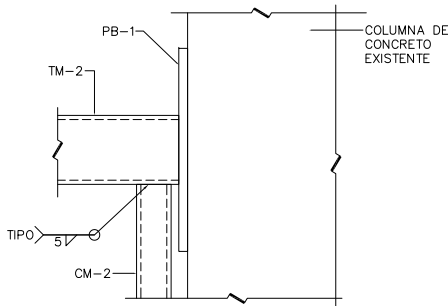
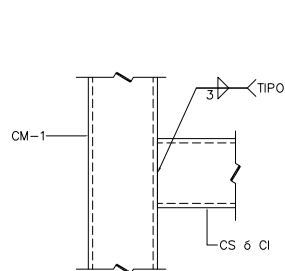
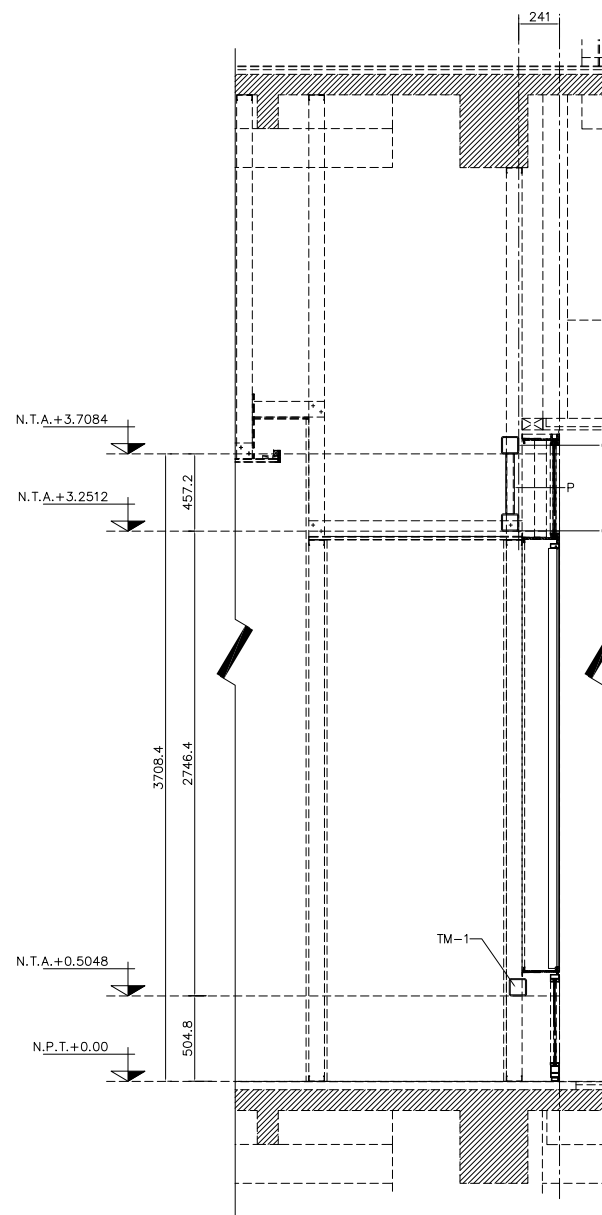
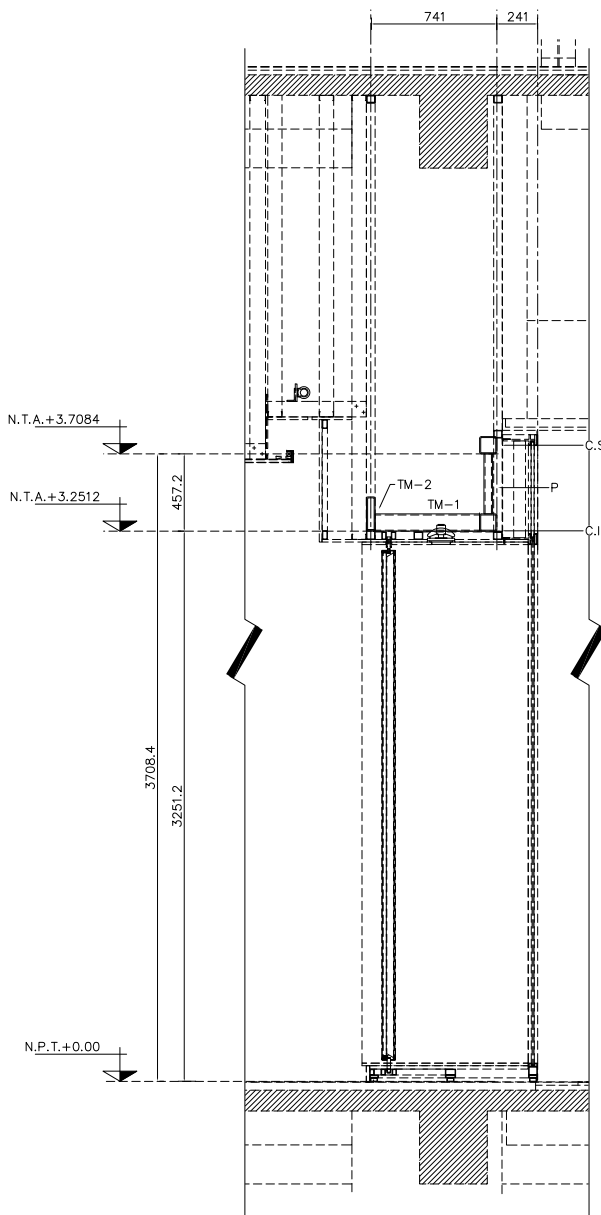
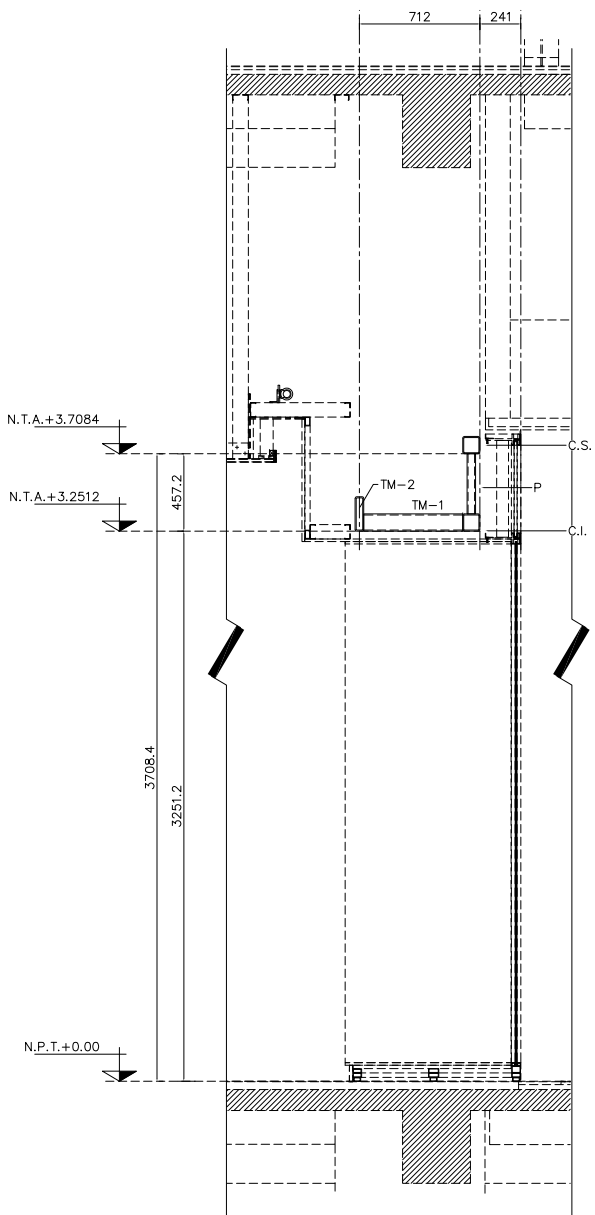
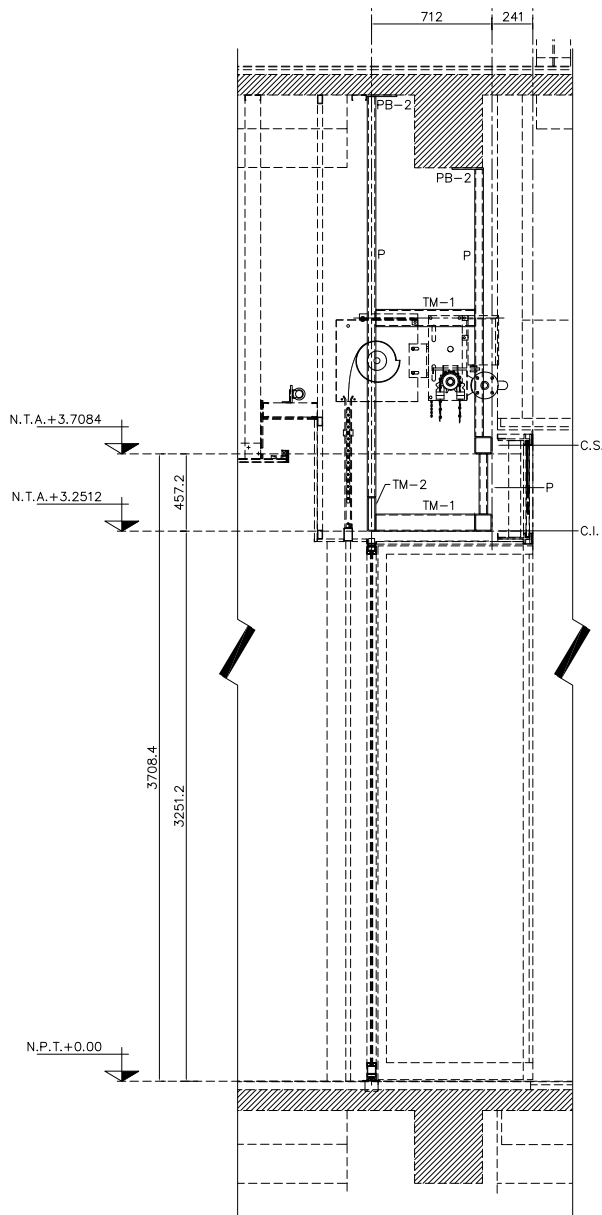
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PROJECT: **WTC SANTO DOMINGO**
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SANTO DOMINGO, DOMINICAN REPUBLIC

ARCHITECT OF RECORD/EXECUTIVE ARCHITECT:
edicon
CONSEJO REGULADOR DE INGENIERIA Y ARQUITECTURA

DRAW BY:G CHECKED BY:JLG
LOCAL ARCHITECT:

SHEET NAME: CORTES
SHEET NUMBER: E-104



DETALLE 3
ESC. 1:7.5 E-102

DETALLE 4
ESC. 1:7.5 E-102

DETALLE 5
ESC. 1:7.5 E-102