#### **SCOPE OF WORK**

THE G.C. SHALL BE SOLELY RESPONSIBLE FOR COMPLETING ALL WORK SHOWN IN THE CONSTRUCTION DOCUMENTS, UNLESS SPECIFICALLY NOTED OTHERWISE. THE G.C. SHALL PROVIDE AND PAY FOR ALL LABOR, MATERIALS, EQUIPMENT, TOOLS, CONSTRUCTION EQUIPMENT, MACHINERY, TRANSPORTATION, INSPECTIONS OR TESTS SPECIFIED OR REQUIRED BY THE AUTHORITY HAVING JURISDICTION, AND OTHER SERVICES AND FACILITIES NECESSARY FOR PROPER AND TIMELY EXECUTION OF WORK. THE G.C. SHALL HAVE THE RESPONSIBILITY OF COORDINATING ALL WORK WITH THE OWNER'S VENDORS AND PROVIDE A FINISHED PRODUCT THAT MEETS THE DESIGN INTENT PROVIDED IN THE CONSTRUCTION DRAWINGS. ITEMS NOT INDICATED IN THESE CONSTRUCTION DOCUMENTS THAT CAN BE LEGITIMATELY AND REASONABLY INFERRED TO COMPLETE THE WORK AT HAND SHALL BE FURNISHED BY THE G.C. AS THOUGH IT WERE DETAILED HEREIN. THE TERM "WORK" AS USED IN THESE DRAWINGS SHALL INCLUDE ALL REVISIONS SHOWN AS WELL AS ALL OTHER PROVISIONS SPECIFICALLY INCLUDED BY THE OWNER IN THE FORM OF DRAWINGS, SPECIFICATIONS, AND WRITTEN INSTRUCTIONS.

#### PERMITS/TAXES/FEES

THE G.C. SHALL SECURE AND PAY FOR ALL PERMITS, FEES, LICENSES, TEMPORARY UTILITIES, INSPECTIONS, AND TESTS REQUIRED FOR THE COMPLETION OF WORK. THE G.C. SHALL SECURE PERMITS AND FEES INCURRED IN THE COMPLETION OF THE PROJECT, INCLUDING BUT NOT LIMITED TO SUBCONTRACTOR PERMITS, WATER, ELECTRIC AND TELEPHONE SERVICE CONNECTION, CERTIFICATE OF OCCUPANCY SURVEYS AND INSPECTIONS. INCLUDE ALL COSTS IN BID.

THE G.C. SHALL PROVIDE THE TENANT AND LANDLORD WITH ALL REQUIRED CERTIFICATES OF INSURANCE. WORKMEN'S COMPENSATION, AS REQUIRED BY LAW, AND PUBLIC LIABILITY SHALL BE CARRIED BY THE CONTRACTOR.

THE G.C.'S WORK SHALL CONFORM TO ALL CURRENT APPLICABLE FEDERAL, STATE, AND LOCAL CODES/ORDINANCES/AUTHORITIES

#### FIELD CONDITIONS & INSPECTIONS

THE G.C. SHALL VISIT THE JOB SITE PRIOR TO BIDDING OR AWARD OF CONTRACT TO INSPECT EXISTING FIELD CONDITIONS. THE G.C. SHALL FIELD VERIFY ALL DIMENSIONS AT THE JOB SITE AND REPORT ANY DISCREPANCIES TO THE ARCHITECT OR TENANT'S REPRESENTATIVE. THIS CONTRACT SHALL INCLUDE ALL LABOR AND MATERIALS NECESSARY FOR FIELD MODIFICATIONS DUE TO EXISTING CONDITIONS. THE G.C. SHALL CONTACT THE ARCHITECT OR TENANT REPRESENTATIVE PRIOR TO SUBMISSION OF BID FOR INTERPRETATIONS AND CLARIFICATIONS OF THE DESIGN AND INCLUDE IN HIS BID ALL COSTS TO MEET THE DESIGN INTENT.

THE G.C. SHALL BECOME FAMILIAR WITH THE OWNERS REQUIREMENTS PRIOR TO BIDDING AND SHALL BE RESPONSIBLE FOR COMPLIANCE WITH THESE REQUIREMENTS CONTRACTORS SHALL NOT SUBMIT A BID FOR THIS WORK UNLESS THEY ARE FULLY QUALIFIED AND LICENSED BY THE STATE IN WHICH THE WORK IS TO BE PERFORMED. THE G.C. SHALL SUBMIT BIDS TO THE TENANT PER THE TENANT'S INSTRUCTIONS. ALL BIDS SHALL BE BROKEN DOWN PER THE TENANT'S BID FORM. THE BIDDER ACKNOWLEDGES THAT THIS WORK MAY REQUIRE OFF HOUR SCHEDULING, NIGHT WORK AND MULTIPLE SHIFTS OF WORK ALONG WITH LONG ROUTES TO STOCK THE JOB SITE. THE BIDDER SHALL INCLUDE ALL REQUIRED DUMPSTERS AND RESTROOM FACILITIES. IT IS THE BIDDERS RESPONSIBILITY TO DETERMINE SECURITY BADGE REQUIREMENTS.

- 1. COORDINATION AND INSTALLATION OF OWNER SUPPLIED ITEMS (MILLWORK, SIGNAGE, ETC)
- 2. RECEIVING DELIVERIES, UNLOADING TRUCKS, AND STOCKING THE JOB SITE. 3. ESCORTING AND SUPERVISION OF THE OWNER'S VENDOR'S INSTALLATION
- 4. ALL LOCAL. STATE AND FEDERAL SALES AND USE TAX.
- 5. THE COST OF SECURITY BADGES FOR ALL OF THE BIDDING WORK FORCE

#### **COORDINATION OF TRADES**

THE G.C. SHALL COORDINATE THE REQUIREMENTS & INSTRUCTIONS OF BOTH THE TENANT AND LANDLORD WITH ALL APPROPRIATE TRADES/SUBCONTRACTORS. THE G.C. IS RESPONSIBLE FOR COORDINATION WITH THE OWNER AND WITH THE SUBCONTRACTOR FOR MECHANICAL, PLUMBING, AND ELECTRICAL TRADE. DRAWINGS WILL BE SUBMITTED FOR REVIEW AS NEEDED BY MUNICIPALITY. THE SUBCONTRACTOR WILL SUBMIT REQUIRED DRAWINGS FOR APPROVAL TO THE APPROPRIATE AGENCIES MEETING ALL CODES OF THE CITY AND STATE. REPRODUCIBLE APPROVED DRAWINGS MUST BE SENT TO THE OWNER AND ARCHITECT. THE GC SHALL ASSUME ALL RESPONSIBILITIES FOR COORDINATION OF THIS PROJECT UNTIL IT'S COMPLETION AND CERTIFICATE OF OCCUPANCY. THE GC'S BID SHALL INCLUDE ANY AND ALL TESTING REQUIRED BY THE AIRPORT AND/OR NATIONAL, STATE OR LOCAL BUILDING DEPARTMENTS THAT IS OUTSIDE THE SCOPE OF NORMAL CONSTRUCTION ACTIVITIES SUCH AS SMOKE TESTING.

#### COORDINATION OF CONSTRUCTION DOCUMENTS

CONSULTANTS' DRAWINGS ARE SUPPLEMENTAL TO THE ARCHITECTURAL DRAWINGS. THE G.C. SHALL CROSS CHECK WITH THE ARCHITECTURAL DRAWINGS PRIOR TO THE ORDERING/INSTALLATION OF ANY MECHANICAL, PLUMBING, AND ELECTRICAL WORK. ANY DISCREPANCIES BETWEEN THE ARCHITECTURAL AND THE CONSULTING ENGINEER'S DRAWINGS SHALL BE BROUGHT TO THE ARCHITECT'S ATTENTION FOR IMMEDIATE CLARIFICATION.

#### **DELIVERIES**

ALL FIXTURES, EQUIPMENT, COMPONENTS AND MATERIALS DELIVERED TO THE SITE AND RECEIVED BY THE CONTRACTOR AND/OR HIS AGENTS, BECOME THE RESPONSIBILITY OF THE G.C. NO DELIVERIES WILL BE ACCEPTED BY THE LANDLORD. THE GENERAL CONTRACTOR'S BID SHALL INCLUDE PRICING FOR THE PROCUREMENT OF ADEQUATE STORAGE SPACE WHERE THE GC CAN TAKE SIMULTANEOUS DELIVERIES,

ALL WORK SHALL BE PERFORMED IN A PROFESSIONAL MANNER AND SHALL BE IN GOOD AND USABLE CONDITION AT THE DATE OF COMPLETION THEREOF. THE G.C. SHALL BE RESPONSIBLE FOR THE PROPER FIT AND INSTALLATION OF ALL WORK SHOWN ON THESE DRAWINGS. THE ARCHITECT SHALL NOT BE RESPONSIBLE FOR ANY FABRICATION OR INSTALLATION TECHNIQUES PROVIDED BY THE G.C. OR ANY SUB-CONTRACTORS. THE OWNER SHALL HAVE ACCESS TO THE PROJECT FOR COMPLETION OF WORK BY OWNER.

**ACCESS & EXITS** THE G.C. SHALL TAKE ALL PRECAUTIONS TO MAINTAIN FREE ACCESS OF ALL LANDLORD/TENANT SERVICE PERSONNEL AND THE PUBLIC THROUGH THE AREAS OF WORK INVOLVED. ALL EXITS SHALL BE KEPT READILY ACCESSIBLE AND UNOBSTRUCTED AT ALL TIMES.

#### SERVICE INTERRUPTIONS

THE G.C. SHALL INSURE THAT ALL LANDLORD/TENANT FACILITIES, EQUIPMENT, AND SERVICES ARE FULLY OPERABLE DURING BUSINESS HOURS. ANY SHUT DOWN OF ELECTRIC, TELEPHONE, COMMUNICATIONS, PLUMBING, OR HVAC SERVICES REQUIRED SHALL BE SCHEDULED WITH THE LANDLORD/TENANT REPRESENTATIVES AND ACCEPTED BY SAME PRIOR TO ANY INTERRUPTION OF SERVICE. THE G.C. SHALL ADHERE TO THE LANDLORD'S UTILITY SHUT-DOWN REQUEST NOTICE REQUIREMENTS.

THE G.C. AND ALL SUBCONTRACTORS SHALL CONFORM TO ALL FEDERAL, STATE, LOCAL, AND LANDLORD SECURITY REQUIREMENTS AND, IF APPLICABLE, DISPLAY OFFICIALLY-ISSUED SECURITY IDENTIFICATION AT ALL TIMES. THE G.C. SHALL BE RESPONSIBLE FOR THEIR WORK AND THAT OF THEIR SUBCONTRACTORS FOR LOSSES AND DAMAGES TO EQUIPMENT, TOOLS, AND MATERIAL USED IN CONJUNCTION WITH THE WORK AND FOR ACTS OF THEIR EMPLOYEES.

BUILDING RULES THE G.C. SHALL BE BOUND TO THE BUILDING RULES AS TO THE HOURS OF WORK, USE OF THE ELEVATORS AND STAIRS, STORAGE AND REMOVAL OF DEBRIS, ETC. ALL WORK SHALL BE PERFORMED AS EXPEDITIOUSLY AS POSSIBLE. THE CONTRACT PRICE MUST INCLUDE ANY AND ALL CONSIDERATION OF THE BUILDING RULES. NO EXTRA CHARGES

#### DAMAGE/DEFECTS

WILL BE ADDED AFTER CONTRACT SIGNING.

DAMAGED SURFACES AND ANY OTHER DEFECTS CAUSING AN APPEARANCE DIFFERENT FROM A NEW. FIRST-CLASS, FINISHED INSTALLATION SHALL EITHER BE REPAIRED OR THE G.C. SHALL REMOVE EXISTING AND INSTALL NEW SURFACES AT NO ADDITIONAL COST.

#### ON-SITE PLANS THE G.C. SHALL AT ALL TIMES MAINTAIN ON-SITE FOR REFERENCE A LANDLORD-APPROVED SET OF CONSTRUCTION DOCUMENTS, A COMPLETE SET OF MILLWORK SHOP

DRAWINGS, AND A COMPLETE SET OF SIGN SHOP DRAWINGS.

### SHOP DRAWINGS

18. **CLEANING** 

THE G.C. SHALL BE RESPONSIBLE FOR SUBMITTING ANY REQUIRED SHOP DRAWINGS (SPRINKLER, SIGN, MILLWORK, FINISH MATERIAL, ETC.) TO THE LANDLORD AND SHALL OBTAIN LANDLORD'S APPROVAL PRIOR TO ANY FABRICATION/INSTALLATION.

THE G.C. SHALL KEEP THE JOB SITE CLEAN AT ALL TIMES AND SHALL PREVENT DUST/DIRT FROM GETTING INTO THE AIRPORT COMMON AREA. UPON COMPLETION OF WORK, THE G.C. SHALL THOROUGHLY CLEAN ENTIRE STORE. CLEAN ALL GLASS, WALLS, FIXTURING, FLOORS, AND CEILING. REMOVE ALL SCRATCHES & MARKS LEFT FROM CONSTRUCTION. FLOORS SHALL BE MOPPED. STEPS SHALL BE TAKEN TO REMOVE FROM ALL EXPOSED SURFACES AND FIXTURING: DUST, DEBRIS, PAINT DRIPPINGS, OIL. GREASE, ADHESIVES, AND OTHER BLEMISHES. IN THE EVENT THAT ADDITIONAL WORK IS REQUIRED AFTER STORE IS TURNED OVER TO TENANT, THE G.C. SHALL PROVIDE PROTECTION FOR ANY EXPOSED SURFACES, FIXTURING, AND MERCHANDISE AND SHALL BE RESPONSIBLE FOR RETURNING STORE TO A "STORE OPENING" CONDITION. CLEANING SHALL INCLUDE DISPOSAL OF ALL DEMOLITION AND CONSTRUCTION MATERIALS BY ANY TRADE, INCLUDING THE OWNER'S VENDORS.

#### SAFETY

THE SAFETY OF PERSONS, CARE OF ADJACENT PROPERTIES DURING CONSTRUCTION, COMPLIANCE WITH STATE AND FEDERAL REGULATION REGARDING SAFETY AND COMPLIANCE WITH REQUIREMENTS SPECIFIED IN THE OWNER/CONTRACTOR CONTRACT IS, AND SHALL BE, SOLELY THE CONTRACTOR'S RESPONSIBILITY.

### 20. SUBSTITUTIONS

NO SUBSTITUTIONS ARE ALLOWED WITHOUT WRITTEN APPROVAL OF EITHER THE ARCHITECT OR THE OWNER'S REPRESENTATIVE.

#### 1. ESCORTING THE G.C. SHALL BE RESPONSIBLE FOR ESCORTING THE OWNER'S VENDOR INSTALLATION TEAMS (IT, A/V, MILLWORK, SIGNAGE, ETC.)

22. CONSTRUCTION PROGRESS REPORTS THE G.C. SHALL PROVIDE WEEKLY UPDATES TO THE OWNER'S REP. REPORTS SHALL INCLUDE A) UPDATE ON CONSTRUCTION PROGRESS COMPARED WITH THE AGREED CONSTRUCTION SCHEDULE, B) PHOTOS, C) TWO WEEK LOOK-AHEAD, D) LIST OF ANY ISSUES THAT MAY CREATE RISK TO THE PROJECT.

#### 23. ROOF PENETRATIONS

ALL ROOF PENETRATIONS FOR ANY PURPOSE SHALL BE THE RESPONSIBILITY OF THE G.C. THE G.C. SHALL COORDINATE WITH THE LANDLORD AND ADHERE TO ALL LANDLORD REQUIREMENTS. THE G.C. SHALL CONTRACT WITH THE LANDLORD'S APPROVED ROOFING INSTALLER(S) TO MAINTAIN ALL WARRANTIES.

THE EXISTING SPRINKLER SYSTEM SHALL BE MODIFIED TO CONFORM TO THE NEW DESIGN. THE G.C. SHALL BE FULLY RESPONSIBLE FOR PROVIDING COMPLETE FIRE PROTECTION PLANS PREPARED, SIGNED, AND SEALED BY A LANDLORD-APPROVED SOUTH CAROLINA STATE LICENSED CONTRACTOR. IF REQUIRED BY THE GOVERNING AUTHORITIES, THE PLANS SHALL BE MADE PART OF THE PROJECT CONSTRUCTION DOCUMENTS. FIRE PROTECTION PLANS SHALL INCLUDE ALL INFORMATION (I.E. HYDRALIC CALCULATIONS. PIPING SIZES, DIAGRAMS, DETAILS, ETC.) NECESSARY FOR APPROVAL BY THE LANDLORD AND GOVERNING AUTHORITIES AND FOR THE COMPLETE INSTALLATION OF THE SYSTEM.

#### FIRE ALARM/LIFE SAFETY PLANS

THE EXISTING FIRE ALARM/LIFE SAFETY SYSTEM SHALL BE MODIFIED TO CONFORM TO THE NEW DESIGN. THE G.C. SHALL BE FULLY RESPONSIBLE FOR PROVIDING COMPLETE PLANS PREPARED, SIGNED, AND SEALED BY A LANDLORD-APPROVED SOUTH CAROLINA STATE LICENSED CONTRACTOR. IF REQUIRED BY THE GOVERNING AUTHORITIES, THE FIRE ALARM/LIFE SAFETY PLANS SHALL BE MADE PART OF THE PROJECT CONSTRUCTION DOCUMENTS.

#### 26. LANDLORD RULES AND CRITERIA

THE G.C. SHALL ADHERE TO ALL LANDLORD RULES AND CRITERIA FOR PERFORMING WORK IN THE AIRPORT

#### G. C. SUBMITTALS

PRODUCT SUBMITTALS IN ADDITION TO THOSE LISTED IN THE SPECIFICATIONS, THE G.C. SHALL PROVIDE THE ARCHITECT WITH THE FOLLOWING PRODUCT DATA SUBMITTALS FOR REVIEW & APPROVAL:

1. HVAC COMPONENTS: - DIFFUSERS / RETURN AIR GRILLES

- DUCTS - AIR HANDLING UNITS

2. ELECTRICAL COMPONENTS: - ELECTRIC PANELS / BREAKERS

- SWITCHES

- SURGE PROTECTORS - FLOOR BOXES - IT CABINET

- CABLES FOR SPEAKER / CAMERAS / DATA / TEL 3. DOORS / FRAMES / HARDWARE

4. ACCESS PANELS 5. FINISHES:

- PAINT

- TILE / GROUT - SUSPENDED CEILING SYSTEMS

- FLOOR TRANSITION STRIPS 6. LIGHT FIXTURES (SUPPLIED BY THE G.C.)

THE G.C. SHALL PROVIDE THE FOLLOWING FIELD REPORTS TO THE ARCHITECT:

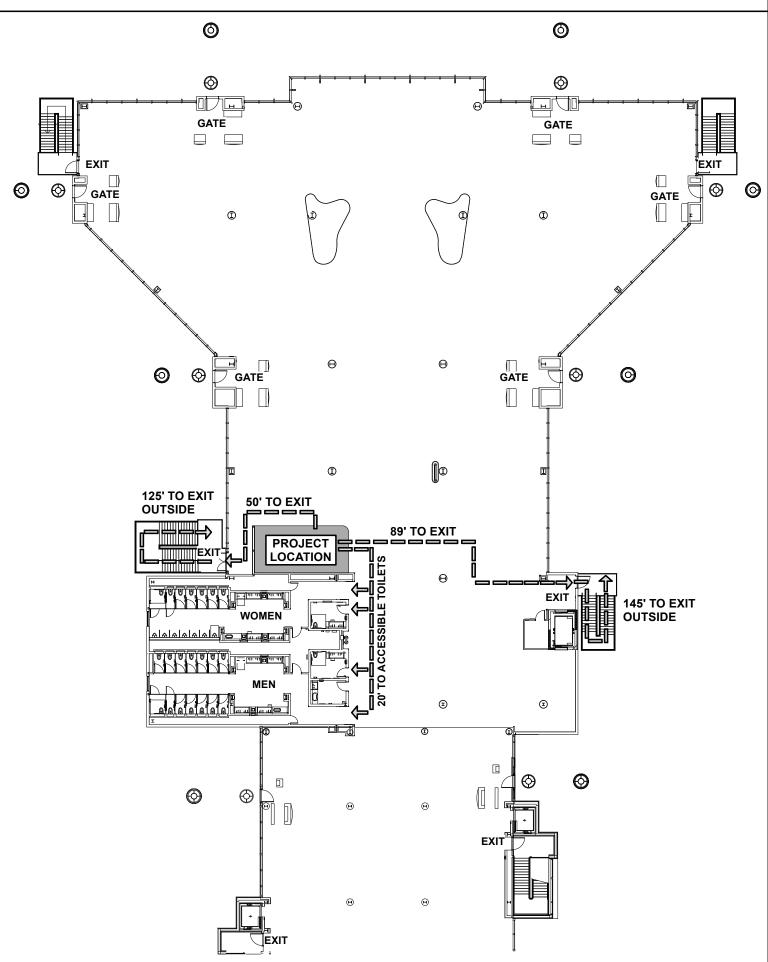
1. HVAC TEST & BALANCE - BEFORE DEMOLITION OF EXISTING SPACES, THE G.C. SHALL PERFORM A TEST & BALANCE ON THE EXISTING HVAC SYSTEM TO DETERMINE AMOUNT OF CFM BEING SUPPLIED.

#### SPRINKLER & FIRE ALARM SHOP DRAWINGS

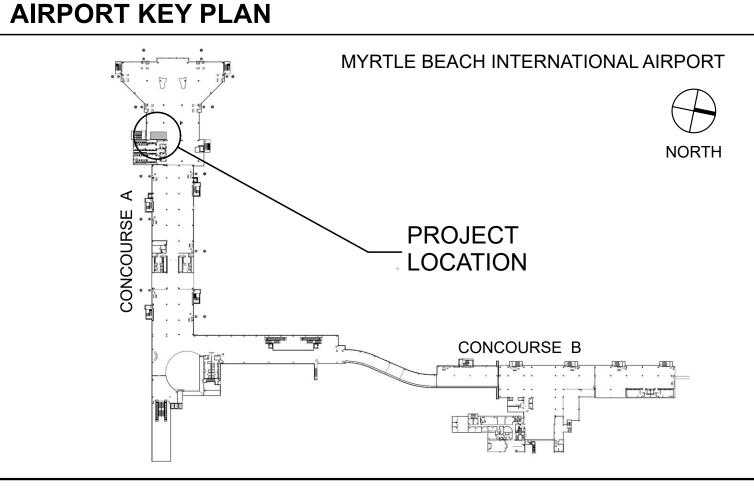
THE G.C. SHALL SUBMIT SHOP DRAWING FOR THE FIRE ALARM AND SPRINKLER WORK TO THE LANDLORD.



### **PROJECT LOCATION & EGRESS PLAN**



# CONCOURSE 'A - SECOND FLOOR PARTIAL PLAN



PROJECT	DIRECTORY
TENANT/ OWNER	AVOLTA HMS HOST / HUDSON / DUFRY 6905 ROCKLEDGE DR. BETHESDA, MD 20817
	TENANT REPRESENTATIVE: JENNIFER PRICE PROJECT DIRECTOR jennifer.price@avolta.net TEL: (704) 322-2365
LANDLORD REPRESENTATIVE	JUDI OLMSTEAD DIRECTOR OF AIRPORTS HORRY COUNTY DEPARTMENT OF AIRPORTS 1100 JETPORT ROAD MYRTLE BEACH, SC 29577
ARCHITECT	DANIEL J KRULAC ARCHITECT 405 EAST 63rd STREET #8C NEW YORK, NEW YORK 10065 CONTACT: DANIEL J KRULAC TEL: (212) 401-6384
DESIGN CONSULTANT	METALUNA ARCHITECTURE & DESIGN, PC 1665 HIGHWAY 588 ELLISVILLE, MS 39437

CONTACT: SCOTT POWELL

JLL DESIGN SOLUTIONS

WESTSIDE ENGINEERING

200 GALLERIA PARKWAY

COLUMBUS, OH 43206

TEL: (601) 433-3830

121 THURMAN AVE.

TEL: (419) 721-3077

**SUITE 1150** 

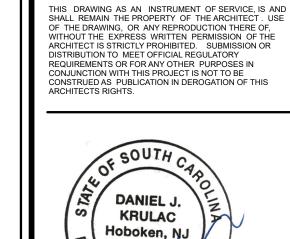
# CONTACT: BRADY SCHNEIDER

### ATLANTA, GA 30339 CONTACT: CHRIS ESSLINGER TEL: (404) 9651287 X700

### DRAWING INDEX

	G-1.0 G-1.1	PROJECT INFORMATION RESPONSIBILITY SCHEDULE
	A-0.1 A-0.2 A-1.0 A-1.1 A-1.2 A-1.3 A-1.4 A-2.0 A-3.0 A-4.0 A-4.1 A-5.0 A-5.1 A-5.2 A-5.3 A-5.4 A-5.5	SPECIFICATIONS SPECIFICATIONS SPECIFICATIONS BARRICADE PLAN CONSTRUCTION PLAN FLOOR MATERIAL PLAN, FINISH SCHEDULE REFLECTED CEILING PLAN, FRAMING PLAN FIXTURE / MILLWORK / EQUIPMENT PLAN ELEVATIONS SIGNAGE SCHEDULE & DETAILS SECTIONS, DETAILS FRAMING DETAILS FIXTURE DETAILS - CE40, MP1 FIXTURE DETAILS - CW20.1 FIXTURE DETAILS - WF1, WC1 FIXTURE DETAILS - WF1, WF2, WF3, D1 FIXTURE DETAILS - FX1.1, WM1.3 FIXTURE DETAILS - D4.1A, T1.2, F1.2A, HARDWARE FIXTURE DETAILS - CL1
С	E-0.0	NOTES, DETAILS, LEGENDS POWER PLAN, LIGHTING PLAN TEL/DATA & SECURITY CAMERA LOW VOLTAGE PLA SPECIFICATIONS

#### FP-1.1 FIRE PROTECTION PLAN M-0.1 SCHEDULES & DETAILS M-1.1 MECHANICAL PLAN



6924

NO. DATE REVISION/SUBMITTAL

4-4-25 | 100% SUBMITTAL

4-18-25 PERMIT SUBMITTAL

HMSHost | Hudson | Dufry

### CODE ANALYSIS & PROJECT CRITERIA

#### SCOPE OF WORK:

CODE

CONSULTANT

MECHANICAL/

ELECTRICAL

ENGINEER

BUILD OUT OF A NEWLY DEMISED RETAIL CONCESSION SPACE. WORK TO CONSIST OF NEW METAL FRAMING, MILLWORK, FIXTURES, SIGNAGE, FINISHES, LIGHTING, AND ALL ASSOCIATED ELECTRICAL AND MECHANICAL WORK. NO CHANGE IN OCCUPANCY. NO CHANGE IN EXITING. NO CHANGE IN USE.

#### **APPLICABLE BUILDING CODES & REGULATIONS:**

2021 SOUTH CAROLINA BUILDING CODE

2021 SOUTH CAROLINA FIRE CODE

2021 SOUTH CAROLINA PLUMBING CODE

2021 SOUTH CAROLINA MECHANICAL CODE

2021 SOUTH CAROLINA FUEL GAS CODE 2009 SOUTH CAROLINA ENERGY CONSERVATION

2020 NFPA 70 - NATIONAL ELECTRICAL CODE W/ SC MODIFICATIONS

SOUTH CAROLINA ENERGY STANDARD ACT

2017 ICC A117.1 ACCESSIBILITY & USAGE BUILDING AND FACILITIES STANDARDS

2010 AMERICANS WITH DISABILITIES ACT (ADA)

### **PROJECT CRITERIA:**

TENANT SPACE: LOCATION: CONCOURSE 'A'

OCCUPANCY CLASSIFICATION: MERCHANTILE GROUP M

TENANT SPACE HEIGHT IN STORIES: 1

SPRINKLERED: YES

TOTAL AREA: 505 S.F.

• OCCUPANT LOAD: 505 S.F. ÷ 60 OCCUPANTS/S.F. = 9

EXITING: REQUIRED: 1 (< 49 OCCUPANTS) PROVIDED: 2

MAX. TRAVEL DISTANCE TO EXIT: 89'

(145 TO OUTSIDE 250' ALLOWED)

ACCESSIBLE TOILETS: WITHIN 100' FROM TENANT SPACE

DATE 4-4-25 JOB NUMBER 2501

DUFRY # 824051MYR

PREOJECT INFORMATION

G-1.0

# RESPONSIBILITY SCHEDULE

PRE-CONSTRUCTION	Е	E L.L					HUDSON WDWRK				SON DOR	N/A	REMARKS
		F	ı	F	I	FI	F	I	F	I			
PERMITS/FEES/TAXES				Х									
CERTIFICATE OF INSURANCE				Х									
HAZARDOUS MATERIALS ABATEMENT											Х		
TEMPORARY UTILITIES				Х	Х								
BARRICADE				Х	Х								
TEMPORARY FIXTURES											Х		
BARRICADE GRAPHICS											Х		
DEMOLITION/REMOVALS				Х									

FLOOR CONSTRUCTION	Е	L	L	G	( '	HUD WDV	SON VRK		OSON IGN	HUD EQ	SON UIP	N/A	REMARKS
		F	ı	F	ı	F	ı	F	ı	F	ı		
CONCRETE SLAB	Х												
EXPANSION/CONTROL JOINTS				Х	Х								
SLAB PREPARATION				Х	Х								
FLOOR PENETRATIONS		Х	Х	Х	Х								VERIFY AIRPORT-INSTALLED SLEEVE AT CORE UNDER CASHWRAP
FLOOR FILL, PATCHING & LEVELING				Х	Х								

SHELL SPACE	E	L	.L	G.	C.	HUDS WDW			DSON IGN	HUD EQ	SON UIP	N/A	REMARKS
		F	I	F	I	F	I	F	I	F	I		
FIREPROOFING	Χ			Х	Х								REPAIR / REPLACE WHERE MISSING OR DAMAGED
FIRESTOPPING	Х			Х	Х								REPAIR / REPLACE WHERE MISSING OR DAMAGED & NEW OPENINGS
METAL FRAMING				Х	Х								SEE WALL SCHEDULE / PARTITION TYPES
MASONRY												Х	
INSULATION												Х	
GYPSUM BOARD	Х			Х	Х								PROVIDE NEW , REPAIR/REPLACE EXISTING WHERE NECESSARY

INTERIOR PARTITIONS	Е	L	L	G.	C.	HUD:			SON GN		SON UIP	N/A	REMARKS
		F	I	F	I	F	I	F	I	F	I		
METAL FRAMING/GYPSUM BOARD				Х	Х								
DOORS,FRAMES,HARDWARE				Х	Х								
BLOCKING FOR WALL FIXTURES				Х	Х								COORDINATE WITH EQUIPMENT SUPPLIERS ANDMILLWORK VENDOR
ACCESS PANELS/DOORS				Х	Х								
TAPING,SPACKLING,SANDING				Х	Х								

CEILINGS	Е	L.	L	G.	.C.	HUDSON WDWRK			HUDSON SIGN		SON UIP	N/A	REMARKS
		F	I	F	I	F	I	F	I	F	I		
GYP. BOARD & SUSPENSION SYSTEM & WOOD				Х	Х								
ACC. CEILING TILE & GRID SYSTEM				Х	Х								
ACCESS PANELS/DOORS				Х	Х								

STOREFRONT	E	L.L		G.	.C.	HUD	SON WRK		OSON IGN		SON UIP	N/A	REMARKS
		F	I	F	I	F	I	F	I	F	I		
NEUTRAL PIER(S)												Х	
SPECIAL DOORS				Х	Х								
METAL FRAMING				Х	Х								
FIRE RATED PLYWOOD / MDF SUBSTRATE				Х	Х								
PAINTING				Х	Х								
EXTERIOR WALL FINISHES:	'	'	•	1				•	•	•	'		
METAL BASE				Х	Х								GC SHALL CONTRACT WITH AVOLTA-APPROVED MILLWORK VENDOR
ARCHITECTURAL MILLWORK				Х	Х								GC SHALL CONTRACT WITH AVOLTA-APPROVED MILLWORK VENDOR
TILE												Х	
GLASS & GLAZING												Х	
GRAPHICS-VINYL												Х	
LIGHTBOXES												Х	

SIGNAGE & GRAPHICS	E	L	.L	G			HUDSON WDWRK		HUDSON SIGN		HUDSON EQUIP		REMARKS		
		F	I	F	I	F	I	F	I	F	I				
STOREFRONT SIGNAGE & GRAPHICS:	1	'	1			,		•			GC SHALL COORDINATE WITH SIGN CO.				
STOREFRONT SIGN ASSEMBLY								Х	Х				SEE SIGN SCHEDULE		
STOREFRONT SIDE SIGN ASSEMBLY												Х			
BLADE SIGN PANELS												Х			
INTERIOR SIGNAGE & GRAPHICS:															
SIGNAGE								Х	Х				SEE SIGN SCHEDULE		

FLOOR FINISHES	E	L	.L	G	( - ( -		OSON WRK		SON GN	HUD: EQI	<b>I</b>	N/A	REMARKS
		F	I	F	1	F	I	F	ı	F	ı		
VCT				Х	Х								
STONE / PORCELAIN / QUARRY TILE												Х	
EXTERIOR FLOOR												Х	

E	L	.L	G.	C.							N/A	REMARKS
	F	ı	F	I	F	I	F	ı	F	1		
											Х	
			Х	Х								GC SHALL CONTRACT WITH AVOLTA-APPROVED MILLWORK VENDOR
			Х	Х								
			Х	Х								
			Х	Х								
	E	E L	E L.L	F I F X X X	X X   X   X   X   X   X   X   X   X	F I F I F X X X X X X X X X X X X X X X	E L.L G.C. WDWRK  F I F I F I  X X X  X X X	E L.L G.C. WDWRK SI  F I F I F I F  X X X  X X X	E L.L G.C. WDWRK SIGN  F I F I F I F I F I  X X X  X X X	E       L.L.       G.C.       WDWRK       SIGN       EQ         F       I       F       I       F       I       F       I       F         X       X       X       X       X       X       X       X         X       X       X       X       X       X       X       X	E L.L G.C. WDWRK SIGN EQUIP  F I F I F I F I F I F I F I  X X X	E L.L G.C. WDWRK SIGN EQUIP N/A  F I F I F I F I F I F I F I X  X X X I I F I F I F I F I F I F I F I F

FIXTURE/FURNISHINGS	Е	L	L	G.	.C.		DSON WRK		SON GN	HUD EQ	SON UIP	N/A	REMARKS
		F	ı	F	ı	F	ı	F	ı	F	I		
SALES AREA MILLWORK				х	х								GC SHALL CONTRACT WITH AVOLTA-APPROVED MILLWORK VENDOR. G.C. TO CONFIRM MILLWORK LAYOUT DIMENSIONS.
FIXTURE HARDWARE				Х	Х								

MECHANICAL	Е	L	.L	G.	C.		OSON WRK		OSON IGN		SON UIP	N/A	REMARKS
		F	I	F	I	F	I	F	I	F	ı		
ROOF PENETRATIONS/PATCHING												Х	
FRAMING/SUPPORTS				Х	Х								SEE MECHANICAL SHEETS
EQUIPMENT				Х	Х								SEE MECHANICAL SHEETS
SMOKE EVACUATION SYSTEM				Х	Х								SEE MECHANICAL SHEETS
DUCTWORK				Х	Х								SEE MECHANICAL SHEETS
DAMPERS, DIFFUSERS, GRILLES				Х	Х								SEE MECHANICAL SHEETS
DUCT SMOKE DETECTORS				Х	Х								SEE MECHANICAL SHEETS
CONTROLS/CONNECTIONS				Х	Х								G.C. TO CONTRACT W/ LANDLORD'S APPROVED VENDOR
FIRE DAMPERS				Х	Х								SEE MECHANICAL SHEETS
TESTING/BALANCING				Х	Х								G.C. TO CONTRACT W/ LANDLORD'S APPROVED VENDOR
ALL HVAC FILTERS				Х	Х								SEE MECHANICAL SHEETS

ELECTRICAL	E	L	.L	G	.C.	HUDSOI WDWRI		DSON IGN		SON UIP	N/A	REMARKS
		F	ı	F	I	FI	F	I	F	I		SEE ELECTRICAL SHEETS
SERVICE TO SPACE- CONDUIT / PULLSTRING				Х	Х							
SERVICE TO SPACE- WIRE / DISCONNECT SWITCH				Х	Х							
METER BASE				Х	Х							
METER				Х	Х							
TEL./DATA TO SPACE-CONDUIT/PULLSTRING				Х	Х							
TEL./DATA TO SPACE-WIRE				Х	Х							
TEL./DATA-EQUIPMENT									Х	Х		SEE EQUIPMENT SCHEDULE FOR G.C. RESPONSIBILITIES
TEL./DATA WITHIN SPACE-CONDUIT/PULLSTRING				Х	Х							
TEL./DATA-WIRE				Х	Х							
ELECTRICAL EQUIPMENT				Х	Х							
ELECTRICAL CONDUIT WITHIN SPACE				Х	Х							
WIRING				Х	Х							
OUTLETS & SWITCHES				Х	Х							
LIGHT FIXTURES & LAMPS				Х	Х							SEE LIGHTING SCHEDULE FOR G.C. RESPONSIBILITIES
SIGNAGE J-BOX, CONDUIT/PULLSTRING				Х	Х							
FINAL SIGN CONNECTION				Х	Х							COORDINATE WITH SIGN VENDOR
SECURITY SYSTEMS-CONDUIT/PULLSTRING				Х	Х							COORDINATE WITH HUDSON
SECURITY SYSTEMS DEVICES, CABLE				Х	Х							COORDINATE WITH HUDSON

FIRE PROTECTION	E	L	L	G.	C.		OSON WRK	HUDS SIG		HUD EQ		N/A	REMARKS
		F	I	F	I	F	I	F	I	F	I		SEE FIRE PROTECTION SHEETS
SPRINKLER MAIN TO SPACE	Х												
SPRINKLER BRANCH LINES/DROPS/HEADS	Х												FIELD VERIFY
MODIFICATION OF HEAD LOCATION				Х	Х								G.C. TO CONTRACT W/ LANDLORD'S APPROVED VENDOR
SMOKE DETECTORS				Х	Х								G.C. TO CONTRACT W/ LANDLORD'S APPROVED VENDOR
FIRE ALARM SYSTEM-CONDUIT				Х	Х								G.C. TO CONTRACT W/ LANDLORD'S APPROVED VENDOR
FIRE ALARM SYSTEM-DEVICES/WIRING				Х	Х								G.C. TO CONTRACT W/ LANDLORD'S APPROVED VENDOR
FIRE EXTINGUISHERS				Х	Х								
TAMPER - FLOW SWITCH				Х	Х								G.C. TO CONTRACT W/ LANDLORD'S APPROVED VENDOR

POST CONSTRUCTION	E	L	.L	G.	C.		DSON DWRK		OSON IGN		SON UIP	ΝΙ/Δ	REMARKS
		F	ı	F	I	F	I	F	ı	F	ı		
FINAL CLEANUP - READY FOR OCCUPANCY				Х	Х								
CERTIFICATE OF OCCUPANCY				Х	Х								
LANDLORD & TENANT PUNCHLIST				Х	Х								

INSPECTIONS	Е	L.	.L	G.	C.		OSON WRK		SON GN		SON UIP	N/A	REMARKS
		F	I	F	I	F		F	I	F	1		
REQUIRED CODE INSPECTIONS				Х	Х								
ACCESSIBILITY INSPECTIONS												Х	

#### NOTES:

1. THE 'RESPONSIBILITY SCHEDULE IS INTENDED TO BE USED AS A GUIDE ONLY, AND IS NOT ALL-INCLUSIVE.

XISTING G.C.-GENERAL CONTRACTOR I-INSTALL/PERFORM L.L.-LAND LORD F-FURNISH N/A-NOT APPLICABLE

ANIEL J KRULAC

A R C F 405 East 63rd Stre

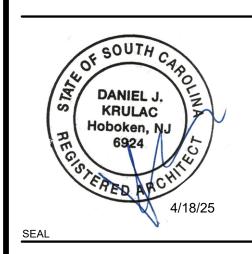
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CONCOURSE A

CONCO

NO.	DATE	REVISION/SUBMITTAL
	4-4-25	100% SUBMITTAL
	4-18-25	PERMIT SUBMITTAL
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DATE 4-4-25

JOB NUMBER 2501

DUFRY # 824051MYR

RESPONSIBILITY SCHEDULE

#### I WORK INCLUDED -

- WORK INCLUDED: TENANT SPACE BUILD-OUT, INCLUDING NEW MILLWORK, LIGHTING, & FINISHES AS FURTHER DEFINED IN THE CONTRACT DOCUMENTS.
- 2. ALL WORK TO BE CONDUCTED AS QUIETLY AS POSSIBLE AND WITH A MINIMUM AMOUNT OF NOISE OR DUST.
- WHERE THE SCOPE OF THE WORK OF THE CONTRACTOR CALLS FOR SERVICE CONNECTIONS, SUPPORTS OR INSTALLATION OF ANY ITEM OR GROUP OF ITEMS BEING FURNISHED BY OTHER CONTRACTS, THE OMISSION OF ANY GIVEN ITEM FROM THE DRAWINGS OF THIS PARTICULAR CONTRACT SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY FOR INSTALLING, CONNECTING OR SUPPORTING SUCH ITEM AT NO INCREASE IN CONTRACT.
- 4. THE CONTRACTOR SHALL BE BOUND TO THE BUILDING RULES AS TO THE HOURS OF WORK, USE OF THE ELEVATORS AND STAIRS, STORAGE AND REMOVAL OF DEBRIS, ETC. ALL WORK SHALL BE PERFORMED AS EXPEDITIOUSLY AS POSSIBLE. THE CONTRACT PRICE MUST INCLUDE ANY AND ALL CONSIDERATION OF THE BUILDING RULES. NO EXTRA CHARGES WILL BE ADDED AFTER CONTRACT SIGNING.
- THE CONTRACTOR AND SUBCONTRACTORS SHALL PERFORM THEIR WORK IN A MANNER THAT WILL CAUSE THE LEAST INTERFERENCE TO THE OPERATION OF THE PRESENT TENANTS AND TO THE PUBLIC.
- 6. SUBJECT TO THE CONDITIONS ELSEWHERE STATED HEREIN, THE AREAS TO BE OCCUPIED BY THE PERMANENT CONSTRUCTION WILL BE MADE AVAILABLE TO THE CONTRACTOR UPON THE COMMENCEMENT OF THE CONTRACTOR'S FIRST OPERATIONS AT THE CONSTRUCTION SITE. THE CONTRACTOR WILL PROVIDE PROTECTION OF COMMON AREAS AS NECESSARY, SUBJECT TO THE REVIEW AND THE ACCEPTANCE OF THE OWNER AND LANDLORD.
- 7. THE CONTRACTOR SHALL COOPERATE WITH AND COORDINATE THEIR OPERATIONS WITH THOSE OF THE OWNER AND ALL TENANTS. THE CONTRACTOR SHALL SO PLAN AND CONDUCT THEIR OPERATIONS AS TO WORK IN HARMONY WITH OTHERS ENGAGED AT THE CONSTRUCTION SITE AND NOT TO DELAY, ENDANGER OR INTERFERE WITH THE OPERATIONS OF OTHERS (WHETHER OR NOT SPECIFICALLY MENTIONED ABOVE), ALL TO THE BEST INTERESTS OF THE OWNER AND THE PUBLIC AND AS MAY BE DIRECTED BY THE OWNER AND LANDLORD.
- 8. THE CONTRACTOR SHALL NOT INTERFERE WITH GENERAL PUBLIC ACCESS AND EGRESS. INTRODUCTION OF MATERIALS AND ACCESS AND EGRESS OF THE WORKFORCE SHALL BE RESTRICTED TO SUCH PLACES AND IN SUCH MANNER AS ACCEPTED BY THE OWNER AND LANDLORD.
- 9. ALL WORK IS REQUIRED TO BE COORDINATED WITH TENANT OPERATIONS. THE CONTRACTOR WILL BE PERMITTED TO WORK DURING NORMAL WORKING HOURS ONLY TO THE EXTENT THAT SUCH OPERATION DOES NOT INTERFERE SIGNIFICANTLY WITH OPERATIONS. WORK WITHIN ANY AREA ENCLOSED BY PERMANENT CONSTRUCTION PARTITION WILL BE PERMITTED DURING HOURS ACCEPTABLE TO THE OWNER AND LANDLORD.
- 10. PROVIDE SUCH EQUIPMENT AND FACILITIES AS ARE NECESSARY OR REQUIRED, IN CASE OF ACCIDENT, FOR FIRST AID SERVICE TO ANY WHO MAY BE INJURED IN THE PROGRESS OF THE WORK, AND HAVE STANDING ARRANGEMENTS FOR THE REMOVAL AND HOSPITAL TREATMENT OF ANY EMPLOYEES WHO MAY BE INJURED OR WHO MAY BECOME ILL.

- 1. THE OWNER MAY AWARD SEPARATE CONTRACTS WHICH WILL COMMENCE DURING WORK UNDER THIS CONTRACT.
- 2. ITEMS NOTED 'NIC' (NOT IN CONTRACT), WILL BE FURNISHED AND INSTALLED BY
- 3. FOR ITEMS FURNISHED BY OWNER FOR FINAL CONNECTION BY CONTRACTOR. REFER TO DRAWINGS.

#### 12. OWNER SUPPLIED PRODUCTS

- 1. THE FOLLOWING ABBREVIATIONS ARE UTILIZED IN THE CONTRACT DOCUMENTS:
- OSOI OWNER SUPPLIED OWNER INSTALLED
- B OSCI OWNER SUPPLIED CONTRACTOR INSTALLED.
- 2. OWNER'S RESPONSIBILITIES: (OSOI & OSCI)
- A. ARRANGE FOR AND DELIVER OWNER REVIEWED SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES, TO THE CONTRACTOR.
- B. ARRANGE AND PAY FOR PRODUCT DELIVERY TO SITE.
- C. SUBMIT CLAIMS FOR TRANSPORTATION DAMAGE AND REPLACE DAMAGED, DEFECTIVE, OR DEFICIENT ITEMS.
- D. ARRANGE FOR MANUFACTURERS' WARRANTIES, INSPECTIONS, AND SFRVICE.
- 3. CONTRACTOR'S RESPONSIBILITIES: (OSOI & OSCI)
- A. REVIEW OWNER REVIEWED SHOP DRAWINGS, PRODUCT DATA, AND
- B. RECEIVE, UNLOAD AND UNCRATE PRODUCTS AT THE SITE; INSPECT FOR COMPLETENESS OR DAMAGE.
- C. HANDLE AND STORE PRODUCTS.
- D. REPAIR OR REPLACE ITEMS DAMAGED AFTER RECEIPT. E. INSTALL AND FINISH PRODUCTS. (OSCI ONLY)
- 4. ITEMS SUPPLIED TO SITE AND INSTALLED BY OWNER (OSOI):
- A. ITEMS AS INDICATED ON THE DRAWINGS.
- 5. ITEMS SUPPLIED BY OWNER FOR INSTALLATION BY CONTRACTOR (OSCI):
- A. ITEMS AS INDICATED ON THE DRAWINGS.
- II MATERIALS NOT USED
- III EXECUTION NOT USED

END OF SECTION 01010

#### 01019 - CONTRACT CONSIDERATIONS

#### I WORK INCLUDED -

- 1. ACCEPTED ALTERNATES WILL BE IDENTIFIED IN OWNER-CONTRACTOR AGREEMENT. COORDINATE RELATED WORK AND MODIFY SURROUNDING WORK AS REQUIRED.
- 2. CHANGE PROCEDURES:
- 1. THE OWNER WILL ADVISE OF MINOR CHANGES IN THE WORK NOT INVOLVING AN ADJUSTMENT TO CONTRACT SUM OR CONTRACT TIME.
- 2. THE OWNER MAY ISSUE A PROPOSAL REQUEST WHICH INCLUDES A DETAILED DESCRIPTION OF A PROPOSED CHANGE WITH SUPPLEMENTARY OR REVISED CONTRACT DOCUMENTS, A CHANGE IN CONTRACT TIME FOR EXECUTING THE CHANGE, WITH A STIPULATION OF ANY OVERTIME WORK REQUIRED AND THE PERIOD OF TIME DURING WHICH THE REQUESTED PRICE WILL BE CONSIDERED VALID. CONTRACTOR TO SUBMIT AN ESTIMATE WITHIN SEVEN CALENDAR DAYS.
- 3. THE CONTRACTOR MAY PROPOSE CHANGES BY SUBMITTING A REQUEST FOR CHANGE TO THE OWNER, DESCRIBING THE PROPOSED CHANGE AND ITS FULL EFFECT ON THE WORK. INCLUDE A STATEMENT DESCRIBING THE REASON FOR THE CHANGE, AND THE EFFECT ON THE CONTRACT SUM AND CONTRACT TIME WITH FULL DOCUMENTATION AND A STATEMENT DESCRIBING THE EFFECT ON WORK BY SEPARATE OR OTHER CONTRACTORS.
- II MATERIALS NOT USED III EXECUTION - NOT USED

#### END OF SECTION 01019

#### 01039 - COORDINATION AND MEETINGS

#### I WORK INCLUDED -

- 1. VERIFY THAT UTILITY REQUIREMENTS AND CHARACTERISTICS OF OPERATING EQUIPMENT ARE COMPATIBLE WITH BUILDING UTILITIES. COORDINATE WORK OF VARIOUS SECTIONS HAVING INTERDEPENDENT RESPONSIBILITIES FOR INSTALLING, CONNECTING TO, AND PLACING IN SERVICE, SUCH EQUIPMENT.
- 2 IN FINISHED AREAS EXCEPT AS OTHERWISE INDICATED, CONCEAL WIRING WITHIN THE CONSTRUCTION. COORDINATE LOCATIONS OF FIXTURES AND OUTLETS WITH FINISH
- 3. AFTER OWNER OCCUPANCY OF PREMISES, ACCESS TO SPACE FOR CORRECTION OF DEFECTIVE WORK AND WORK NOT IN ACCORDANCE WITH CONTRACT DOCUMENTS (PUNCH LIST ITEMS), SHALL BE CONDUCTED AT TIMES OTHER THAN REGULAR WORKING HOURS UNLESS OTHERWISE CONSENTED TO BY THE OWNER.

#### 4. PRE-CONSTRUCTION MEETING

- A. A PRE-CONSTRUCTION MEETING WILL BE SCHEDULED AT THE PROJECT SITE PRIOR TO CONTRACTOR OCCUPANCY.
- B. ATTENDANCE REQUIRED: LANDLORD, OWNER, CONTRACTOR AND CONTRACTOR'S SUPERINTENDENT.

- USE OF PREMISES BY OWNER AND CONTRACTOR.
- TEMPORARY PROTECTION AND SAFETY DUST AND NOISE PROTECTION
- STAGING AREA, DELIVERY AND STORAGE OF MATERIALS
- SCHEDULES AND PHASING OF THE WORK
- CONTRACTOR PARKING

LANDLORD OR OWNER.

- INSPECTION AND CERTIFICATE OF OCCUPANCY PROCEDURES 10. ANY SPECIFIC REQUIREMENTS BY AUTHORITY HAVING JURISDICTION,

### II MATERIALS - NOT USED

III EXECUTION - NOT USED

END OF SECTION 01039

#### 01045 CUTTING AND PATCHING:

#### WORK INCLUDED -

- 1. THIS SECTION ESTABLISHES GENERAL REQUIREMENTS PERTAINING TO CUTTING INCLUDING FITTING, AND PATCHING OF ALL THE WORK, INCLUDING MISCELLANEOUS ARCHITECTURAL, STRUCTURAL MECHANICAL AND ELECTRICAL WORK REQUIRED OUTSIDE THE CONTRACT LIMIT LINE REQUIRED TO:
- 1. MAKE THE SEVERAL PARTS FIT PROPERLY, NEW AND EXISTING.
- 2. CORE DRILL FLOOR STRUCTURE AND SAWCUT FINISH FLOOR TOPPING FOR ELECTRICAL AND NEW FINISH FLOOR REQUIREMENTS.
- 3. UNCOVER WORK TO PROVIDE FOR THE INSTALLATION, INSPECTION, OR BOTH OF ILL-TIMED WORK.
- 4. REMOVE AND REPLACE WORK NOT CONFORMING TO REQUIREMENTS OF THE CONTRACT DOCUMENTS.
- 5. REMOVE AND REPLACE DEFECTIVE WORK.
- 6. CUT, REPAIR AND PATCH TO MATCH EXISTING WORK LEFT EXPOSED TO VIEW BY REMOVALS AND WHERE DAMAGED BY THIS CONTRACT WORK.
- 2. IN ADDITION TO OTHER REQUIREMENTS SPECIFIED, UPON THE OWNER'S REQUEST, UNCOVER WORK TO PROVIDE FOR INSPECTION BY THE OWNER OF COVERED WORK, AND REMOVE SAMPLES OF INSTALLED MATERIALS FOR
- DO NOT CUT OR ALTER WORK PERFORMED UNDER SEPARATE CONTRACT WITHOUT THE OWNER'S WRITTEN PERMISSION.
- 4. PERFORM ALL CUTTING AND PATCHING IN STRICT ACCORDANCE WITH PERTINENT REQUIREMENTS OF THESE SPECIFICATIONS AND, IN THE EVENT THAT NO SUCH REQUIREMENTS ARE DETERMINED, IN CONFORMANCE WITH THE OWNER'S WRITTEN DIRECTION.
- 5. PRIOR TO CUTTING WHICH AFFECTS THE STRUCTURAL SAFETY OR THE STRUCTURAL INTEGRITY OF THE BUILDING, SUBMIT A WRITTEN REQUEST TO THE OWNER AND LANDLORD FOR PERMISSION TO PROCEED WITH CUTTING. DO NOT CUT ANY STRUCTURAL WALLS, SLABS OR FRAMING MEMBERS, INCLUDING ANY REINFORCING UNTIL PERMISSION IS RECEIVED IN WRITING. IF REINFORCEMENT IS ENCOUNTERED WHERE NOT EXPECTED DO NOT PROCEED WITH CUTTING WITHOUT NOTIFYING THE OWNER AND LANDLORD AND RECEIVING WRITTEN PERMISSION TO PROCEED.
- 6. PRIOR TO CUTTING AND PATCHING PERFORMED PURSUANT TO THE OWNER'S INSTRUCTIONS, SUBMIT COST ESTIMATE TO THE OWNER. SECURE THE OWNER'S ACCEPTANCE OF COST ESTIMATE AND TYPE OF COST REIMBURSEMENT BEFORE PROCEEDING WITH CUTTING AND PATCHING.
- 7. SUBMIT WRITTEN NOTICE TO THE OWNER DESIGNATING TIME THE WORK WILL BE UNCOVERED, TO PROVIDE FOR THE OWNER'S OBSERVATION.

#### MATERIALS -

FOR REPLACEMENT OF WORK REMOVED, USE MATERIALS WHICH COMPLY WITH THE PERTINENT SECTIONS OF THESE SPECIFICATIONS. EXISTING AREAS ABUTTING NEW WORK OUTSIDE CONTRACT LIMIT LINE ARE TO MATCH EXISTING LIKE WORK IN MATERIAL AND FINISH: SEE SECTION 01400.

#### III EXECUTION -

- INSPECT EXISTING CONDITIONS, INCLUDING ELEMENTS SUBJECT TO MOVEMENT OR DAMAGE DURING CUTTING AND PATCHING.
- 2. AFTER UNCOVERING THE WORK, INSPECT CONDITIONS AFFECTING INSTALLATION OF THE NEW WORK.
- IF UNCOVERED CONDITIONS ARE NOT AS ANTICIPATED, IMMEDIATELY NOTIFY THE OWNER AND SECURE NEEDED DIRECTIONS.
- 4. DO NOT PROCEED IN AREAS OF DISCREPANCY UNTIL ALL SUCH DISCREPANCIES HAVE BEEN TRULY RESOLVED.
- 5. PROVIDE ALL REQUIRED PROTECTION INCLUDING, BUT NOT NECESSARILY LIMITED TO, SHORING, BRACING AND SUPPORT TO MAINTAIN STRUCTURAL INTEGRITY OF THE WORK.
- 6. PERFORM ALL WORK AS REQUIRED UNDER PERTINENT SECTIONS OF THESE SPECIFICATIONS. PERFORM CUTTING AND PATCHING BY METHODS WHICH WILL PREVENT DAMAGE TO OTHER PORTIONS OF THE WORK AND WILL PROVIDE PROPER SURFACES TO RECEIVE OR REPAIR NEW WORK. PERFORM FITTING AND ADJUSTMENT OF PRODUCTS TO PROVIDE FINISHED INSTALLATION COMPLYING WITH THE SPECIFIED TOLERANCES AND FINISHES.
- CORE DRILL SLAB AND MAKE MINIMUM WIDTH AND RUN SAWCUT IN FINISH FLOOR TOPPING TO FLUSH FLOOR BOX LOCATIONS. ADJUST CORE DRILLING TO MISS SLAB REINFORCEMENT. PATCH TO MATCH FINISH FLOOR WHERE EXPOSED

#### END OF SECTION 01045

I WORK INCLUDED -

#### 01090 - REFERENCE STANDARDS

- 1. THROUGHOUT THE CONTRACT DOCUMENTS, REFERENCE IS MADE TO CODES AND STANDARDS WHICH ESTABLISH QUALITIES AND TYPES OF WORKMANSHIP AND MATERIALS, AND WHICH ESTABLISH METHODS FOR TESTING AND REPORTING ON THE PERTINENT CHARACTERISTICS.
- 2. ALL MATERIALS AND WORKMANSHIP ARE REQUIRED BY THESE CONTRACT DOCUMENTS TO MEET OR EXCEED ALL PERTINENT CODES AND STANDARDS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE MATERIALS AND WORKMANSHIP WHICH MEET OR EXCEED THE SPECIFICALLY NAMED CODE OR STANDARD.
- 3. IT IS ALSO THE CONTRACTOR'S RESPONSIBILITY, WHEN SO REQUIRED BY THE CONTRACT DOCUMENTS OR BY WRITTEN REQUEST FROM THE OWNER, TO DELIVER TO THE OWNER ALL REQUIRED PROOF THAT THE MATERIALS AND WORKMANSHIP, OR BOTH, MEET OR EXCEED THE REQUIREMENTS OF A SPECIFICALLY NAMED CODE OR STANDARD. SUCH PROOF SHALL BE IN THE FORM REQUESTED IN WRITING BY THE OWNER, AND GENERALLY WILL BE REQUIRED TO BE COPIES OF A CERTIFIED REPORT OF TESTS CONDUCTED BY A TESTING AGENCY ACCEPTED FOR THAT PURPOSE BY THE OWNER
- 4. SPECIFIC NAMING OF CODES OR STANDARDS OCCURS ON THE DRAWINGS AND IN OTHER SECTIONS OF THESE SPECIFICATIONS.
- QUALITY ASSURANCE:
- FAMILIARITY WITH PERTINENT CODES AND STANDARDS.
- 2. IN PROCURING ALL ITEMS USED IN THIS WORK, IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY THE DETAILED REQUIREMENTS OF THE SPECIFICALLY NAMED CODES AND STANDARDS AND TO VERIFY THAT THE ITEMS PROCURED FOR USE IN THIS WORK MEET OR EXCEED THE SPECIFIED
- 3. THE OWNER RESERVES THE RIGHT TO REJECT ITEMS INCORPORATED INTO THE WORK WHICH FAIL TO MEET THE SPECIFIED MINIMUM REQUIREMENTS. THE OWNER FURTHER RESERVES THE RIGHT, AND WITHOUT PREJUDICE TO OTHER RECOURSE THE OWNER MAY TAKE, TO ACCEPT NON-COMPLYING ITEMS SUBJECT TO AN ADJUSTMENT IN THE CONTRACT AMOUNT AS ACCEPTED BY THE OWNER.

#### II MATERIALS -

III EXECUTION NOT USED

#### END OF SECTION 01090

#### 01300 SUBMITTALS AND SUBSTITUTIONS:

### I WORK INCLUDED -

- 1. SUBMIT SHOP DRAWINGS ON ALL FABRICATED ITEMS.
- 2. SUBMIT SAMPLES OF FINISH MATERIALS NOTED ON DRAWINGS
- 3. SUBMIT MANUFACTURER'S LITERATURE ON ALL MATERIALS NOT INCLUDED IN
- THE SHOP DRAWING OR SAMPLE SUBMITTALS. 4. SUBMIT ALL ADDITIONAL REQUIREMENTS AS SPECIFIED ON THE DRAWINGS INCLUDING STRUCTURAL, MECHANICAL AND ELECTRICAL DRAWINGS.
- PROVIDE ON-SITE OR SHOP MOCK-UPS WHERE REQUESTED BY THE OWNER. MOCK-UPS ACCEPTED BY THE OWNER MAY REMAIN IN PLACE OR BE USED AS
- 6. SUBMIT CONSTRUCTION SCHEDULE AND A SUBMITTALS SCHEDULE IN COORDINATION WITH THE PHASING OF THE WORK.
- 7. PRIOR TO EACH SUBMITTAL, CAREFULLY REVIEW AND COORDINATE ALL ASPECTS OF EACH ITEM BEING SUBMITTED TO VERIFY THAT EACH ITEM AND THE SUBMITTAL FOR IT CONFORMS IN ALL RESPECTS WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS. BY AFFIXING THE CONTRACTOR'S SIGNATURE TO EACH SUBMITTAL, CERTIFY THAT THIS COORDINATION HAS BEEN
- 8. CERTIFY THAT ALL MATERIAL USED IN THE WORK COMPLY WITH ALL SPECIFIED PROVISIONS THEREOF. CERTIFICATION SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM FURNISHING SATISFACTORY MATERIALS IF, AFTER TESTS ARE PERFORMED ON SELECTED SAMPLES, THE MATERIAL IS FOUND TO NOT MEET SPECIFIED REQUIREMENTS.
- SHOW ON EACH CERTIFICATION THE NAME AND LOCATION OF THE WORK, THE NAME AND ADDRESS OF THE SUB-CONTRACTOR, QUANTITY AND DATE OR DATES OF SHIPMENT OR DELIVERY TO WHICH THE CERTIFICATE APPLIES, AND NAME OF THE MANUFACTURING OR FABRICATING COMPANY. CERTIFICATION SHALL BE IN THE FORM OF A LETTER OR COMPANY STANDARD FORMS CONTAINING ALL REQUIRED DATA. CERTIFICATES SHALL BE SIGNED BY AN OFFICER OF THE MANUFACTURING OF FABRICATING COMPANY.

#### MATERIALS -

- SUBMIT ALL SHOP DRAWINGS TO THE ARCHITECT IN THE FORM OF PDF'S OF EACH DRAWING. ALL REVIEW COMMENTS WILL BE SHOWN ON THE PDF'S AND RETURNED TO THE CONTRACTOR. THE CONTRACTOR SHALL MAKE AND DISTRIBUTE ALL PRINTS REQUIRED FOR THEIR PURPOSES.
- 2. SUBMIT ALL SAMPLES IN THE QUANTITY WHICH ARE REQUIRED.
- SUBMIT THE NUMBER OF MANUFACTURER'S LITERATURE COPIES WHICH ARE REQUIRED TO BE RETURNED PLUS (1) COPIES WHICH WILL BE RETAINED BY THE
- 4. NOTIFY ARCHITECT IN ADVANCE FOR ON-SITE OR SHOP MOCK-UP REVIEW
- SUBMIT CONSTRUCTION SCHEDULE AND SUBMITTALS SCHEDULE IN TYPE AND QUANTITIES TO BE DETERMINED AT THE PRE-CONSTRUCTION MEETING.
- 6. DO NOT SUBSTITUTE MATERIALS, EQUIPMENT, OR METHODS UNLESS SUCH SUBSTITUTION HAS BEEN SPECIFICALLY ACCEPTED, IN WRITING, FOR THIS WORK BY THE OWNER. WHERE THE PHRASE "OR EQUAL" OR "OR APPROVED EQUAL" OCCURS IN THE CONTRACT DOCUMENTS, DO NOT ASSUME THAT MATERIALS, EQUIPMENT, OR METHODS WILL BE ACCEPTED AS EQUAL UNLESS THE ITEM HAS BEEN SPECIFICALLY ACCEPTED FOR THIS WORK BY THE ARCHITECT OR OWNER.

- CONSECUTIVELY NUMBER ALL SUBMITTALS. ACCOMPANY EACH SUBMITTAL WITH A LETTER OF TRANSMITTAL CONTAINING ALL PERTINENT INFORMATION REQUIRED FOR IDENTIFICATION AND REVIEWING OF THE SUBMITTAL.
- MAKE ALL SHOP DRAWINGS ACCURATELY TO SCALE, SUFFICIENTLY LARGE TO SHOW ALL PERTINENT METHODS AND MATERIALS OF CONSTRUCTION. INDICATE ALL ADJACENT AND ABUTTING MATERIALS, NEW AND EXISTING. FULLY COORDINATE ALL CONDITIONS AND DIMENSIONS IN THE FIELD. COORDINATE WITH ALL OTHER TRADES INVOLVED. NOTE SUBCONTRACTOR OF OTHER TRADES INDICATED; DO NOT USE THE TERM, "BY OTHERS".
- MAKE ALL SUBMITTALS IN GROUPS CONTAINING ALL ASSOCIATED ITEMS. PARTIAL SUBMITTALS MAY BE REJECTED.

#### END OF SECTION 01300

#### 01310 CONSTRUCTION SCHEDULE: WORK INCLUDED -

- 1. TO ASSURE ADEQUATE PLANNING AND EXECUTION OF THE WORK, SO THAT THE WORK IS COMPLETED WITHIN THE NUMBER OF CALENDAR DAYS ALLOWED IN THE CONTRACT, AND TO ASSIST THE OWNER IN APPRAISING THE REASONABLENESS OF THE PROPOSED SCHEDULE AND IN EVALUATING PROGRESS OF THE WORK, PREPARE AND MAINTAIN THE SCHEDULES AND REPORTS DESCRIBED IN THIS SECTION.
- 2. "DAY" USED THROUGHOUT THE CONTRACT, UNLESS OTHERWISE STATED, MEANS "CALENDAR DAY".
- COORDINATE ALL WORK AND SCHEDULING WITH THE OWNER AND LANDLORD,
- AND THEIR USE OF THE SITE:
- 1. PHASING OF THE WORK SECURITY
- 3. TEMPORARY PROTECTION AND SAFETY
- 4. STAGING AREA, DELIVERY AND STORAGE OF MATERIALS 5. DUST AND NOISE PROTECTION

### 6. CONTRACTOR'S PARKING AREA

- QUALITY ASSURANCE: 1. THE CONSTRUCTION SCHEDULE AS ACCEPTED BY THE OWNER WILL BE AN INTEGRAL PART OF THE CONTRACT, AND WILL ESTABLISH INTERIM
- CONTRACT COMPLETION DATES FOR THE VARIOUS ACTIVITIES. 2. SHOULD ANY ACTIVITY NOT BE COMPLETED WITHIN 7 DAYS AFTER DATED SCHEDULE DATE, THE OWNER SHALL HAVE THE RIGHT TO ORDER THE CONTRACTOR TO EXPEDITE COMPLETION OF THE ACTIVITY BY WHATEVER MEANS THE OWNER DEEMS APPROPRIATE AND NECESSARY, WITHOUT ADDITIONAL COMPENSATION TO THE CONTRACTOR.
- 3. SHOULD ANY ACTIVITY BE 14 OR MORE DAYS BEHIND SCHEDULE THE OWNER SHALL HAVE THE RIGHT TO PERFORM THE ACTIVITY OR HAVE THE ACTIVITY PERFORMED BY WHATEVER METHOD THE OWNER DEEMS APPROPRIATE
- 4. COSTS INCURRED BY THE OWNER IN CONNECTION WITH EXPEDITING CONSTRUCTION ACTIVITY UNDER THIS ARTICLE SHALL BE REIMBURSED TO THE OWNER BY THE CONTRACTOR. IT IS EXPRESSLY UNDERSTOOD AND AGREED THAT FAILURE BY THE OWNER TO EXERCISE THE OPTION TO EITHER ORDER THE CONTRACTOR TO EXPEDITE AN ACTIVITY BY OTHER MEANS SHALL NOT BE CONSIDERED PRECEDENT SETTING FOR ANY OTHER ACTIVITIES.

### II MATERIALS

### III EXECUTION -

END OF SECTION 01310

#### 01400 QUALITY CONTROL

INSTRUCTIONS.

- I WORK INCLUDED -PERFORM ALL WORK IN ACCORDANCE WITH ALL GOVERNING CODES. ALL TRADE STANDARDS AND PRODUCT MANUFACTURER'S WRITTEN
  - INDIVIDUAL REQUIREMENTS FOR QUALITY ASSURANCE ARE DESCRIBED IN PERTINENT SECTIONS OF THESE SPECIFICATIONS
  - IN CASE OF CONFLICT BETWEEN STANDARDS, THE MORE STRINGENT REQUIREMENT SHALL GOVERN. IN ALL CASES WHERE THERE IS A DISCREPANCY WITHIN OR BETWEEN DRAWINGS AND SPECIFICATIONS IN QUALITY OR QUANTITY OF ANY ITEM, MATERIAL, INSTALLATION, DETAIL OR WORKMANSHIP THE CONTRACTOR SHALL USE THE LARGER QUANTITY, OR BETTER QUALITY TO PRODUCE THE HIGHEST QUALITY FINISHED WORK.
  - 4. PROVIDE AND REMOVE, IN COORDINATION WITH THE PHASING OF THE WORK ALL TEMPORARY BARRIERS AND WALLS REQUIRED FOR THE PHASING AND PROTECTION OF THE CONTRACT WORK. MAINTAIN ALL TEMPORARY FACILITIES AND CONTROLS AS LONG AS NEEDED FOR THE SAFE AND PROPER COMPLETION OF THE WORK.

### MATERIALS -

- PRODUCTS USED IN THE WORK SHALL BE PRODUCED BY MANUFACTURERS ENGAGED IN THE MANUFACTURE OF SIMILAR ITEMS AND WITH A HISTORY OF SUCCESSFUL PRODUCTION ACCEPTABLE TO THE OWNER.
- COMPLY WITH REFERENCED STANDARDS AND BE IN STRICT ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.
- COMPATIBILITY OF ALL MATERIALS REQUIRED FOR INSTALLATION, PROTECTION AND CLEANING OF THE MATERIALS SHALL BE VERIFIED WITH THE MANUFACTURERS OF THE MATERIALS TO BE INSTALLED, PROTECTED AND CLEANED.

#### III EXECUTION

- 1. ALL WORK SHALL BE FABRICATED AND INSTALLED IN ACCORDANCE WITH, COORDINATED ACCEPTED SHOP DRAWINGS WHICH SHALL INCLUDE CORRECTIONS DUE TO FIELD CONDITION AND DIMENSION VERIFICATIONS. DETAILS OF SHAPES, MATERIALS AND FINISHES SHALL BE FOLLOWED INSOFAR AS THE ARCHITECTURAL DESIGN INTENT IS CONCERNED. DETAILS OF CONSTRUCTION, RELATION OF COMPONENT SECTIONS, METHODS OF CONSTRUCTION NOT SHOWN ON THE CONTRACT DOCUMENTS SHALL BE ESTABLISHED BY THE FABRICATOR AND THE INSTALLER WHO SHALL BE RESPONSIBLE FOR THE INTEGRITY, STRENGTH AND DURABILITY OF THE FABRICATION AND THE INSTALLATION OF THE WORK RESPECTIVELY.
- 2. THE INSTALLATION OF ALL WORK SHALL FOLLOW THE MANUFACTURER'S WRITTEN INSTRUCTIONS FOR SURFACE PREPARATION, TEMPERATURE AND MOISTURE CONTROL, METHODS OF INSTALLATION AND PROTECTION
- THE BLENDING OF NEW SURFACES, MATERIALS AND FINISHES WITH SIMILAR SURFACES, MATERIALS AND FINISHES SHALL RESULT IN NO VISIBLE DEMARCATION BETWEEN EXISTING AND NEW WORK. HOLES, DAMAGE OR DEFORMATION RESULTING FROM REMOVALS UNDER THIS CONTRACT SHAL BE PATCHED TO THE SATISFACTION OF THE OWNER. REPLACE WITH NEW MATERIALS OR FINISHES, OR BOTH, TO MATCHED THOSE DAMAGED.

#### END OF SECTION 01400

#### <u>01500 - CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS</u>

- 1. PERMANENT CONVENIENCE RECEPTACLES MAY NOT BE UTILIZED DURING CONSTRUCTION, UNLESS AGREED TO BY OWNER.
- PROVIDE AND MAINTAIN LIGHTING FOR CONSTRUCTION OPERATIONS TO ACHIEVE A MINIMUM LIGHTING LEVEL OF 4 WATT/SQ FT. MAINTAIN LIGHTING AND PROVIDE ROUTINE REPAIRS.
- PERMANENT BUILDING LIGHTING MAY NOT BE UTILIZED DURING CONSTRUCTION, UNLESS AGREED TO BY OWNER AND LANDLORD.
- MAINTAIN MINIMUM AMBIENT TEMPERATURE OF 50 DEGREES F IN AREAS WHERE CONSTRUCTION IS IN PROGRESS, UNLESS INDICATED OTHERWISE IN
- PROVIDE, MAINTAIN AND PAY FOR TELEPHONE SERVICE, FACSIMILE SERVICE AND A DEDICATED TELEPHONE LINE TO FIELD OFFICE AT TIME OF PROJECT MOBILIZATION.
- 6. EXISTING PUBLIC TOILET FACILITIES (MAINTAINED BY OTHERS) ARE AVAILABLE IN THE BUILDING. CONTRACTOR WILL ACCEPT RESPONSIBILITIES FOR AND VIGOROUSLY PROHIBIT THE COMMITTING OF NUISANCE ON THE SITE PROVIDE TEMPORARY PARTITIONS AS INDICATED TO SEPARATE WORK AREAS

FROM LANDLORD'S AND TENANTS' OCCUPIED AREAS, TO PREVENT

PENETRATION OF DUST AND MOISTURE INTO LANDLORD'S AND TENANTS'

- OCCUPIED AREAS, AND TO PREVENT DAMAGE TO EXISTING MATERIALS AND PROTECT INSTALLED WORK AND PROVIDE SPECIAL PROTECTION WHERE SPECIFIED IN INDIVIDUAL SPECIFICATION SECTIONS. PROVIDE TEMPORARY AND REMOVABLE PROTECTION FOR INSTALLED PRODUCTS. CONTROL ACTIVITY IN IMMEDIATE WORK AREA TO PREVENT DAMAGE. PROVIDE PROTECTIVE COVERINGS AT WALLS, PROJECTIONS, JAMBS, SILLS, AND SOFFITS OF OPENINGS. PROTECT FINISHED FLOORS, STAIRS, AND OTHER SURFACES FROM
- TRAFFIC, DIRT, WEAR, DAMAGE, OR MOVEMENT OF HEAVY OBJECTS, BY PROTECTING WITH DURABLE SHEET MATERIALS. PROHIBIT TRAFFIC OR STORAGE UPON WATERPROOFED OR ROOFED SURFACES IF TRAFFIC OR ACTIVITY IS NECESSARY, OBTAIN RECOMMENDATIONS FOR PROTECTION FROM WATERPROOFING OR ROOFING MATERIAL MANUFACTURER.
- CONTRACTOR'S, SUPPLY AND STORAGE. 11. REMOVE TEMPORARY UTILITIES, EQUIPMENT, FACILITIES, MATERIALS, PRIOR TO
- SUBSTANTIAL COMPLETION INSPECTION. 12. CLEAN AND REPAIR DAMAGE CAUSED BY INSTALLATION OR USE OF

10. PROVIDE A FIELD OFFICE WITHIN THE CONSTRUCTION AREA FOR ALL

- TEMPORARY WORK. 13. RESTORE EXISTING AND PERMANENT FACILITIES USED DURING CONSTRUCTION TO ORIGINAL CONDITION. RESTORE PERMANENT FACILITIES USED DURING
- CONSTRUCTION TO SPECIFIED CONDITION. II MATERIALS - NOT USED
- III EXECUTION NOT USED END OF SECTION 01500

#### 01600 PRODUCT HANDLING: I WORK INCLUDED -

STORAGE, AND PROTECTION.

- 1. THROUGHOUT THE CONSTRUCTION PERIOD USE ALL MEANS NECESSARY FOR THE SAFETY AND PROTECTION OF ALL PERSONS, PROPERTY AND MATERIALS BEFORE, DURING AND AFTER COMMENCEMENT OF THE WORK. 2. EXCEPT AS OTHERWISE ACCEPTED BY THE OWNER, DETERMINE AND COMPLY
- 3. DELIVER THE WORK TO THE JOB SITE PROPERLY CONTAINED AND IDENTIFIED IN SUCH QUANTITIES AND AT SUCH TIME AS TO ASSURE THE CONTINUITY OF THE

WITH MANUFACTURER'S RECOMMENDATIONS ON PRODUCT HANDLING,

4. MAINTAIN PACKAGED MATERIALS WITH SEALS UNBROKEN AND LABELS INTACT UNTIL TIME OF USE. 5. PROMPTLY REMOVE DAMAGED MATERIALS AND UNSUITABLE ITEMS FROM THE

JOB SITE, AND PROMPTLY REPLACE WITH MATERIALS MEETING THE SPECIFIED

#### REQUIREMENTS, AT NO ADDITIONAL COST TO THE OWNER.

#### MATERIALS - NOT USED

- III EXECUTION PROTECT FINISHED SURFACES, INCLUDING JAMBS AND SOFFITS OF OPENINGS USED AS PASSAGEWAYS, THROUGHOUT WHICH EQUIPMENT AND MATERIALS
  - 2. PROVIDE PROTECTION FOR FINISHED FLOOR SURFACES IN TRAFFIC AREAS PRIOR TO ALLOWING EQUIPMENT OR MATERIALS TO BE MOVED OVER SUCH SURFACES.

MAINTAIN FINISHED SURFACES CLEAN, UNMARRED, AND SUITABLY PROTECTED

- UNTIL ACCEPTED BY OWNER. 4. IN THE EVENT OF DAMAGE, PROMPTLY MAKE REPLACEMENTS AND REPAIRS TO THE ACCEPTANCE OF THE OWNER AND LANDLORD AND AT NO ADDITIONAL
- 5. ADDITIONAL TIME REQUIRED TO SECURE REPLACEMENTS AND TO MAKE REPAIRS WILL NOT BE CONSIDERED BY THE OWNER TO JUSTIFY AN EXTENSION IN THE CONTRACT TIME OF COMPLETION.

#### END OF SECTION 01600

COST TO THE OWNER.

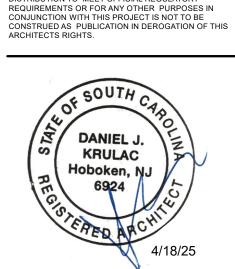
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NO. DATE REVISION/SUBMITTAL 4-4-25 100% SUBMITTAL

4-18-25 PERMIT SUBMITTAL

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DISTRIBUTION TO MEET OFFICIAL REGULATORY



DATE 4-4-25 JOB NUMBER 2501

DUFRY # 824051MYR

**SPECIFICATIONS** 

#### I WORK INCLUDED

- PROVIDE AN ORDERLY AND EFFICIENT TRANSFER OF THE COMPLETED WORK TO THE OWNER IN ACCORDANCE WITH THE CONTRACT DOCUMENT REQUIREMENTS INCLUDING BUT NOT NECESSARILY LIMITED TO THE GENERAL CONDITIONS, SUPPLEMENTARY CONDITIONS AND DIVISION 1 OF THESE SPECIFICATIONS
- QUALITY ASSURANCE:
- 1. PRIOR TO REQUESTING INSPECTION, USE ADEQUATE MEANS TO ASSURE THAT THE WORK IS COMPLETED IN ACCORDANCE WITH THE SPECIFIED REQUIREMENTS AND IS READY FOR REQUESTED INSPECTION.
- 2. PRIOR TO FINAL INSPECTION AND OCCUPANCY VERIFY THAT ALL PENETRATIONS, INCLUDING EXISTING, THROUGH FIRE RATED FLOORS/WALLS ARE PROPERLY SEALED.

#### 3. SUBSTANTIAL COMPLETION:

- 1. WHEN THE CONTRACTOR CONSIDERS THE WORK, OR DESIGNATED PORTION THEREOF WHICH IS ACCEPTABLE TO THE OWNER IS SUBSTANTIALLY COMPLETE THE CONTRACTOR SHALL PREPARE FOR SUBMISSION TO THE OWNER A LIST OF ITEMS TO BE COMPLETED OR CORRECTED.
- 2. THE DATE OF SUBSTANTIAL COMPLETION OF THE THE WORK, OR DESIGNATED PORTION THEREOF, IS THE DATE CERTIFIED BY THE OWNER WHEN CONSTRUCTION IS SUFFICIENTLY COMPLETE IN ACCORDANCE WITH THE CONTRACT DOCUMENTS SO THE OWNER CAN OCCUPY OR UTILIZE THE THE WORK, OR DESIGNATED PORTION THEREOF FOR THE USE WHICH IT IS
- 3. WITHIN A REASONABLE TIME AFTER RECEIPT OF THE LIST THE ARCHITECT WILL INSPECT TO DETERMINE THE STATUS OF COMPLETION.

#### 4. FINAL COMPLETION:

- 1. THE CONTRACTOR SHALL CERTIFY THAT:
- CONTRACT DOCUMENTS HAVE BEEN REVIEWED. 2. WORK HAS BEEN INSPECTED FOR COMPLIANCE WITH THE
- CONTRACT DOCUMENTS.
- 3. WORK HAS BEEN COMPLETED IN ACCORDANCE WITH THE CONTRACT DOCUMENTS.
- 4. EQUIPMENT AND SYSTEMS HAVE BEEN TESTED AS REQUIRED, AND ARE
- 5. WORK IS COMPLETED AND READY FOR FINAL INSPECTION.
- 2. THE OWNER WILL MAKE AN INSPECTION TO VERIFY STATUS OF
- 3. WHEN THE OWNER DETERMINES THAT THE WORK IS ACCEPTABLE UNDER THE CONTRACT DOCUMENTS, THE OWNER WILL REQUEST THAT THE
- 4. CLOSEOUT SUBMITTALS:
- 1. CLOSEOUT SUBMITTALS INCLUDE, BUT NOT NECESSARILY LIMITED TO:
- 1. COMPUTER AIDED DRAFTED (CAD) "AS-BUILT" RECORD SETS AND ASSOCIATED DISKS.
- 2. OPERATION AND MAINTENANCE DATA.

CONTRACTOR TO MAKE CLOSEOUT SUBMITTALS.

- 3. WARRANTIES AND BONDS 4. KEYS AND KEYING SCHEDULE
- 5. SPARE PARTS AND MATERIAL EXTRA STOCK
- 6. EVIDENCE OF COMPLIANCE WITH GOVERNMENTAL AGENCIES HAVING
- JURISDICTION INCLUDING, BUT NOT NECESSARILY LIMITED TO -
- CERTIFICATES OF INSPECTION CERTIFICATES OF OCCUPANCY
- 7. CERTIFICATES OF INSURANCE FOR PRODUCTS AND COMPLETED
- OPERATIONS
- 8. LIST OF SUBCONTRACTORS, SERVICE ORGANIZATIONS AND PRINCIPAL VENDORS, INCLUDING NAMES ADDRESSES AND TELEPHONE NUMBERS WHERE THEY CAN BE REACHED FOR EMERGENCY SERVICE AT ALL TIMES INCLUDING NIGHTS, WEEKENDS AND HOLIDAYS.
- EXECUTION NOT USED END OF SECTION 01700

MATERIALS - NOT USED

#### 01710 CLEANING:

#### I WORK INCLUDED -

- THROUGHOUT THE CONSTRUCTION PERIOD MAINTAIN THE JOB SITE IN A STANDARD OF CLEANLINESS AS DESCRIBED IN THIS SECTION.
- 2. IN ADDITION TO STANDARDS DESCRIBED IN THIS SECTION, COMPLY WITH ALL REQUIREMENTS FOR CLEANING UP AS DESCRIBED IN VARIOUS SECTIONS OF THESE SPECIFICATIONS AND WITH ALL PERTINENT REQUIREMENTS OF LANDLORD AND ALL OTHER GOVERNMENT AGENCIES HAVING JURISDICTION.
- 3. CONDUCT DAILY INSPECTION, AND MORE OFTEN IF NECESSARY, TO VERIFY THAT REQUIREMENTS OF CLEANLINESS ARE BEING MET.
- SUBMIT MANUFACTURER'S WRITTEN INSTRUCTIONS OF THE PROPER CLEANING MATERIALS AND APPLICATIONS REQUIRED FOR THEIR PRODUCTS TO THE OWNER, PRIOR TO FINAL ACCEPTANCE.

#### II MATERIALS -

- 1. PROVIDE ALL REQUIRED PERSONNEL, EQUIPMENT, AND MATERIALS TO MAINTAIN THE SPECIFIED STANDARD OF CLEANLINESS.
- USE ONLY THE CLEANING MATERIALS AND EQUIPMENT WHICH ARE COMPATIBLE WITH THE SURFACE BEING CLEANED, AS RECOMMENDED BY THE MANUFACTURER OF THE SURFACE BEING CLEANED.

#### III EXECUTION

PROTECTION OF MATERIALS.

- RETAIN ALL STORED ITEMS IN AN ORDERLY ARRANGEMENT ALLOWING MAXIMUM ACCESS, NOT IMPEDING DRAINAGE OR TRAFFIC, AND PROVIDING THE REQUIRED
- 2. DO NOT ALLOW THE ACCUMULATION OF SCRAP, DEBRIS, WASTE MATERIAL, AND OTHER ITEMS NOT REQUIRED FOR CONSTRUCTION OF THIS WORK.
- 3. AT LEAST ONCE A WEEK, AND MORE OFTEN IF NECESSARY, COMPLETELY REMOVE ALL SCRAP, DEBRIS, AND WASTE MATERIAL FROM THE JOB SITE.
- 4. PROVIDE ADEQUATE STORAGE FOR ALL ITEMS AWAITING REMOVAL FROM THE JOB SITE, OBSERVING ALL REQUIREMENTS FOR FIRE PROTECTION AND PROTECTION OF THE SITE AND THE OWNER'S PROPERTY.
- DAILY, AND MORE OFTEN IF NECESSARY, INSPECT THE SITE AND PICK UP ALL SCRAP, DEBRIS, AND WASTE MATERIAL. REMOVE ALL SUCH ITEMS TO A PLACE DESIGNATED FOR THEIR STORAGE. MAINTAIN THE SITE IN A NEAT AND ORDERLY CONDITION AT ALL TIMES.
- WEEKLY, AND MORE OFTEN IF NECESSARY, SWEEP ALL INTERIOR SPACES CLEAN. "CLEAN", FOR THE PURPOSE OF THIS SUB-PARAGRAPH, SHALL BE INTERRUPTED AS MEANING FREE FROM DUST AND OTHER MATERIAL CAPABLE OF BEING REMOVED BY USE OF REASONABLE EFFORT AND HANDHELD BROOM.

- 7. FOLLOWING THE INSTALLATION OF FINISH FLOOR MATERIALS, CLEAN THE FINISH FLOOR DAILY (AND MORE OFTEN IF NECESSARY) AT ALL TIMES WHILE WORK IS BEING PERFORMED IN THE SPACE IN WHICH FINISH MATERIALS HAVE BEEN INSTALLED. "CLEAN", FOR THE PURPOSE OF THIS SUB-PARAGRAPH, SHALL BE INTERPRETED AS MEANING FREE FROM ALL FOREIGN MATERIAL WHICH, IN THE OPINION OF THE OWNER, MAY BE INJURIOUS TO THE FINISH FLOOR
- 8. EXCEPT AS OTHERWISE SPECIFICALLY PROVIDED, "CLEAN" (FOR THE PURPOSE OF THIS ARTICLE) SHALL BE INTERPRETED AS MEANING THE LEVEL OF CLEANLINESS GENERALLY PROVIDED BY SKILLED CLEANERS USING COMMERCIAL QUALITY BUILDING MAINTENANCE EQUIPMENT AND MATERIALS.
- 9. PRIOR TO COMPLETION OF THE WORK, REMOVE FROM THE JOB SITE ALL TOOLS, SURPLUS MATERIALS, EQUIPMENT, SCRAP, DEBRIS AND WASTE. CONDUCT FINAL PROGRESS CLEANING AS DESCRIBED IN ABOVE.
- 10. VISUALLY INSPECT ALL SURFACES AND REMOVE ALL TRACES OF SOIL, WASTE MATERIAL, SMUDGES AND OTHER FOREIGN MATTER. REMOVE ALL TRACES OF SPLASHED MATERIALS FROM ADJACENT SURFACES. REMOVE ALL PAINT DROPPINGS, SPOTS, STAINS, AND DIRT FROM FINISHED SURFACES. USE ONLY SPECIFIED MATERIALS AND EQUIPMENT.
- 11. CLEAN ALL GLASS, BOTH SIDES, INCLUDING EXISTING GLASS TO REMAIN. REMOVE ALL LABELS.
- 12. TO ALL SURFACES REQUIRING THE ROUTINE APPLICATION OF BUFFED POLISH APPLY THE POLISH RECOMMENDED BY THE MANUFACTURER OF THE MATERIAL
- 13. SCHEDULE FINAL CLEANING, TO BE DONE BY A PROFESSIONAL CLEANING COMPANY, AS ACCEPTED BY THE OWNER, TO ENABLE THE OWNER TO ACCEPT A COMPLETELY PROFESSIONALLY CLEANED PROJECT

#### END OF SECTION 01710

#### 01720 PROJECT RECORD DOCUMENTS:

#### WORK INCLUDED -

- 1. THROUGHOUT PROGRESS OF THE WORK OF THIS CONTRACT, MAINTAIN AN ACCURATE RECORD OF ALL CHANGES IN THE CONTRACT DOCUMENTS, AS DESCRIBED BELOW.
- 2. THOROUGHLY COORDINATE ALL CHANGES WITHIN THE RECORD DOCUMENTS MAKING ADEQUATE AND PROPER ENTRIES ON EACH PAGE OF SPECIFICATIONS AND EACH SHEET OF DRAWINGS AND OTHER DOCUMENTS WHERE SUCH ENTRY IS REQUIRED TO PROPERLY SHOW CHANGE. ACCURACY OF RECORDS SHALL BE SUCH THAT FUTURE SEARCH FOR ITEMS SHOWN IN THE CONTRACT DOCUMENTS MAY REASONABLY RELY ON INFORMATION OBTAINED FROM THE ACCEPTED RECORD DOCUMENTS.
- 3. IN ADVANCE OF THE LANDLORD AND LOCAL AUTHORITY FINAL INSPECTION THE CONTRACTOR SHALL SUBMIT THE FINAL RECORD DOCUMENTS TO THE ARCHITECT TO SECURE THE ARCHITECT'S ACCEPTANCE.

#### II MATERIALS -

- IMMEDIATELY UPON RECEIPT OF THE JOB SET DESCRIBED ABOVE, IDENTIFY EACH OF THE DOCUMENTS WITH THE TITLE "RECORD DOCUMENTS - JOB SET"
- 2. DO NOT USE THE JOB SET FOR ANY PURPOSE EXCEPT ENTRY OF NEW DATA AND FOR REVIEW BY THE ARCHITECT.

#### MAINTAIN THE JOB SET AT THE SITE.

- 4. IN MOST CASES ON THE DRAWINGS, ARRANGEMENT OF CONDUIT AND AND CIRCUITS, PIPING, DUCTS, AND OTHER SIMILAR ITEMS, IS SHOWN SCHEMATICALLY AND IS NOT INTENDED TO PORTRAY PRECISE PHYSICAL LAYOUT. FINAL PHYSICAL ARRANGEMENT IS AS DETERMINED BY THE CONTRACTOR SUBJECT TO THE OWNER'S ACCEPTANCE. HOWEVER, DESIGN OF FUTURE MODIFICATIONS OF THE FACILITY MAY REQUIRE ACCURATE INFORMATION AS TO THE FINAL PHYSICAL ARRANGEMENT OF ITEMS WHICH ARE SHOWN ONLY SCHEMATICALLY ON THE DRAWINGS.
- 5. THE PURPOSE OF FINAL RECORD DOCUMENTS IS TO PROVIDE FACTUAL INFORMATION REGARDING ALL ASPECTS OF THE WORK, BOTH CONCEALED AND VISIBLE, TO ENABLE FUTURE MODIFICATIONS OF DESIGN TO PROCEED WITHOUT LENGTHY AND EXPENSIVE SITE MEASUREMENT, INVESTIGATION, AND EXAMINATION.
- 6. SUBMIT THE COMPLETED TOTAL SET OF RECORD DOCUMENTS TO THE ARCHITECT AS DESCRIBED ABOVE.

#### END OF SECTION 01720

#### 02060 REMOVALS :

### I WORK INCLUDED -

1. RELATED DOCUMENTS: 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL

#### 2. GENERAL REMOVALS AND RELOCATIONS

REQUIREMENTS, APPLY TO THIS SECTION.

- 1. REMOVE ALL ITEMS, MATERIALS AND FINISHES REQUIRED FOR THE INSTALLATION OF THE NEW WORK, AND/OR THE RELOCATION OF EXISTING, AS DESCRIBED IN PERTINENT SECTIONS OF THESE SPECIFICATIONS AND/OR SHOWN ON THE DRAWINGS INCLUDING BUT NOT LIMITED TO: WALL AND FLOOR SURFACE MATERIALS FOR THE PROPER ATTACHMENT AND/OR APPLICATION OF NEW FINISHES AND ALL EXISTING MISCELLANEOUS MECHANICAL AND ELECTRICAL ITEMS, DEVICES AND FIXTURES.
- 2. REMOVE ALL MISCELLANEOUS INCIDENTAL MATERIALS AND ITEMS IN CONFLICT WITH THE PROPER PREPARATION, INSTALLATION AND FINISHING OF THE NEW WORK.
- 3. REMOVE ALL EXISTING DAMAGED AND MARRED FINISH MATERIALS AND REPLACE WITH NEW TO MATCH EXISTING.
- 3. ITEMS NOTED TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, INCLUDING ALL INSTALLATION FASTENINGS, UNLESS OTHERWISE NOTED. ALL ABUTTING MATERIALS AND FINISHES SHALL BE PATCHED TO MATCH FOR NO NOTICEABLE REMOVAL INDICATIONS.
- 4. REPAIR AND PATCH TO MATCH EXISTING WHERE LEFT EXPOSED TO VIEW OR DAMAGED BY REMOVALS.

### II MATERIALS - (NA)

#### III EXECUTION .

- 1. ALL REMOVALS SHALL BE IN COMPLIANCE WITH ALL LOCAL AREA ADOPTED CODES, BUILDING OWNER REQUIREMENTS, AND ALL APPLICABLE FEDERAL AND PROVINCIAL SAFETY REGULATIONS. ALL NEW INTERIOR FINISH MATERIALS MUST BE INSTALLED ON NON-COMBUSTIBLE SURFACES. WHERE NEW FINISH MATERIALS ARE TO BE INSTALLED ON EXISTING SURFACES ALL EXISTING FINISH MATERIALS, INCLUDING GLUE, BONDING AGENTS, ETC., MUST BE REMOVED PRIOR TO INSTALLATION OF ANY NEW MATERIAL
- 2. IF ASBESTOS OR ANY OTHER HAZARDOUS MATERIALS ARE ENCOUNTERED, NOTIFY OWNER IN WRITING PRIOR TO PROCEEDING. STATE GOVERNING AUTHORITY'S APPROVED METHODS OF PROPER REMOVAL AND DISPOSAL PROCEDURES. UPON WRITTEN NOTICE FROM OWNER TO PROCEED THESE METHODS AND PROCEDURES ARE TO BE STRICTLY FOLLOWED.
- 3. ALL MATERIALS AND ITEMS THAT ARE TO BE REUSED AND RELOCATED IN CONJUNCTION WITH THE NEW WORK SHALL BE CAREFULLY CUT AWAY FROM THE EXISTING ABUTTING WORK TRUE TO LINE AT THE NEAREST JOINT, SURFACE BREAK OR PATTERN LINE TO ENSURE NO NOTICEABLE DIFFERENCE BETWEEN NEW AND EXISTING TO REMAIN. REMOVALS SHALL BE KEPT TO A MINIMUM. MATERIALS TO BE REUSED AND RELOCATED SHALL BE PROPERLY HANDLED, TAGGED AND STORED TO PREVENT DAMAGING AND
- 4. CAREFULLY COORDINATE ALL TRADES TO ENSURE PROPER AND ADEQUATE INTERFACE OF THE WORK.
- 5. WHEN WORK IS STOPPED, PROVIDE AND MAINTAIN IN PLACE SUITABLE COVERINGS AND BARRIERS FOR PROTECTION OF THE WORK AND SAFETY FOR ALL PERSONNEL AND BUILDING USERS.
- 6. PROTECT ALL WORK, EXISTING AND NEW, FROM DAMAGE BY ANY CAUSE THROUGHOUT THE DEMOLITION OPERATIONS. PROTECTIVE COVERINGS OR BARRIERS SHALL NOT MAR, STAIN OR PENETRATE THE FINISHED WORK.
- 7. UNDERTAKE WHATEVER PRECAUTIONS ARE NECESSARY TO CONTROL AND PREVENT EXCESSIVE DUST DURING REMOVALS. DO NOT ALLOW DUST BEYOND THE CONTRACT LIMIT LINE.

8. REMOVE ALL PORTIONS OF THE WORK IN A SAFE MANNER WITH CARE TO

- PREVENT DAMAGE TO ADJACENT AND REMAINING STRUCTURE, FINISHES OR ANY OTHER ITEMS OF THE OWNER, LANDLORD, OR OTHER TENANT AREAS AND PUBLIC SPACES.
- 9. ALL MATERIALS UNLESS NOTED TO BE REUSED OR TO BE SALVAGED SHALL BE REMOVED OFF THE PROPERTY TO AN AVAILABLE DUMP OR SITE OF THE CONTRACTOR'S OWN CHOOSING AND ARE TO BE PROPERLY AND RESPONSIBLY DISPOSED OF
- 10. VERIFY SALVAGE REQUIREMENTS FOR ALL MATERIALS NOTED TO BE REMOVED WITH THE OWNER AND LANDLORD. MATERIALS NOTED TO BE SALVAGED SHALL BE STORED PER THE OWNER'S DIRECTIONS.
- 11. ALL REMOVALS SHALL LEAVE THE EXISTING SURFACES AND SUBSTRATES FREE AND CLEAN FOR THE PROPER PATCHING AND PREPARATION REQUIRED FOR THE SPECIFIED NEW MATERIALS AND FINISHES.

#### END OF SECTION 02060

#### 05500 MISCELLANEOUS METALS:

- I WORK INCLUDED -
- 1. RELATED DOCUMENTS:
- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.

#### PROVIDE AND INSTALL

- 1. ALL MISCELLANEOUS METAL, INCLUDING BUT NOT LIMITED TO, SUPPORT STEEL AS SHOWN ON THE DRAWINGS, AND ALL FASTENERS AND ANCHORAGE DEVICES FOR THE INSTALLATION OF WORK FOR THIS AND ALL SECTIONS OF THESE SPECIFICATIONS INCLUDING MECHANICAL AND
- 3. PROVIDE COORDINATED SHOP DRAWINGS AND PRODUCT LITERATURE ON ALL ITEMS AND SAMPLES OF ALL FINISHES IN ACCORDANCE WITH SECTION 01300 OF THESE SPECIFICATIONS.
- 4. PROVIDE CLEANING DATA IN ACCORDANCE WITH SECTION 01710 OF THESE SPECIFICATIONS. INCLUDE RECOMMENDED CLEANING METHODS, CLEANING MATERIALS AND STAIN REMOVAL METHODS. 5. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH AISC.

#### ASTM, MFMA, NAAMM, AWS, SSPC STANDARDS AND APPLICABLE CODE REQUIREMENTS.

#### II MATERIALS -

- 1. ALL MISCELLANEOUS SUPPORT STEEL AND CLOSURE ITEM MATERIAL, FABRICATION AND ERECTION SHALL COMPLY WITH THE REQUIREMENTS OF THE AISC STANDARD SPECIFICATIONS FOR STRUCTURAL STEEL, WITH SUPPLEMENTS TO DATE.
- 1. IN FABRICATION OF ITEMS WHICH WILL BE EXPOSED TO VIEW, LIMIT MATERIALS TO THOSE WHICH ARE FREE FROM SURFACE BLEMISHES, PITTING, ROLLED TRADE NAMES, AND ROUGHNESS.

#### 2. COMPLY WITH FOLLOWING STANDARDS, AS PERTINENT:

- 1. STEEL PLATES, SHAPES, AND BARS: ASTM A36
- 2. STEEL PLATES TO BE BENT OR COLD-FORMED: ASTM A283
- 3. STEEL TUBING (HOT-FORMED, WELDED, OR SEAMLESS): ASTM A501 4. STEEL BARS AND BAR-SIZE SHAPES: ASTM A306, GRADE 65. OR ASTM A36
- 6. COLD-ROLLED CARBON STEEL SHEETS: ASTM A336 7. GALVANIZED CARBON STEEL SHEETS: ASTM A526, WITH G90 ZINC

5. COLD-FINISHED STEEL BARS: ASTM A108

- COATING IN ACCORDANCE WITH ASTM A525 8. GRAY IRON CASTINGS: ASTM A48, CLASS 10 9. MALLEABLE IRON CASTINGS: ASTM A47
- 10. STEEL PIPE: ASTM A53 GRADE A, SCHEDULE 40, BLACK FINISH UNLESS OTHERWISE NOTED
- 11. CONCRETE INSERTS:
- 1. THREADED OR WEDGE TYPE GALVANIZED FERROUS CASTINGS OF MALLEABLE IRON COMPLYING WITH ASTM A27 2. PROVIDE REQUIRED BOLTS, SHIMS, AND WASHERS, HOT-DIP

GALVANIZED IN ACCORDANCE WITH ASTM A153.

- 3. ALL STEEL SHALL BE SHOP PRIME FINISHED FOR CONCEALED ITEMS AND SCHEDULED FINISH FOR EXPOSED TO VIEW ITEMS.
  - 1. PRIMER: USE "10-99 TNEMEC PRIMER" OR "RUSTOLEUM NUMBER 5769
  - 2. FOR REPAIR OF GALVANIZING, USE A HIGH ZINC-DUST CONTENT PAINT COMPLYING WITH MIL-21035.
- 4. THE CONTRACTOR SHALL FURNISH MILL TEST REPORTS FROM THE PRODUCER OF THE STEEL CERTIFYING THAT THE STEEL MEETS THE MINIMUM REQUIREMENTS AS DEFINED BY ASTM SPECIFICATIONS.
- 5. ALL WELDING SHALL BE IN ACCORDANCE WITH THE STANDARD CODE FOR ARC AND GAS WELDING IN BUILDING CONSTRUCTION OF THE AMERICAN WELDING SOCIETY. WELDING ELECTRODES SHALL CONFORM TO ASTM SPECIFICATIONS E-70XX. ALL BUTT WELDS SHALL BE 1005 PENETRATION WELDS AND FILLET WELDS SHALL BE A MINIMUM 3/16".
- 6. ALL FASTENERS, THREADED AND DRIVEN, SHALL BE THE BEST OF THEIR RESPECTIVE TYPE, GRADE AND CLASS AND SHALL BE USED IN SUFFICIENT NUMBERS AND CORRECT SIZES FOR THE PARTICULAR APPLICATIONS. ALL FASTENERS SHALL BE HIDDEN IN THE FINISHED WORK. FASTENERS FOR EXTERIOR USE AND WHERE BUILT INTO EXTERIOR WALLS SHALL BE ZINC
- 7. ALL OTHER MISCELLANEOUS INCIDENTAL ITEMS AND MATERIALS IN TYPES SHOWN OR NOTED INCLUDING BUT NOT LIMITED TO; FASTENERS, ATTACHMENTS AND GROUT SHOWN, NOTED AND/OR REQUIRED FOR FULL COMPLETION OF THE WORK, SHALL BE OF QUALITY COMPARABLE AND COMPATIBLE TO MATERIALS SPECIFIED.

#### III EXECUTION -

- 1. INSTALL ALL ITEMS IN ACCORDANCE WITH ACCEPTED SHOP DRAWINGS AND MANUFACTURER'S WRITTEN INSTRUCTIONS. PLUMB, LEVEL AND TRUE WITHOUT DISTORTION, ALIGNED AND FITTED PROPERLY. COORDINATE WITH ALL BUILT-IN ITEMS OF OTHER SECTIONS OF THESE SPECIFICATIONS FOR CUTOUT LOCATIONS AND SIZE, SUPPORT AND ATTACHMENT
- REQUIREMENTS: 1. SECTION 06400 ARCHITECTURAL WOODWORK
- 2. SECTION 09500 ACOUSTICAL TREATMENT 3. MECHANICAL DRAWINGS
- 4. ELECTRICAL DRAWINGS

2. PROPERLY PROTECT ALL FINISH SURFACES UNTIL INSTALLATION

COMPLETION AND JUST PRIOR TO OWNER'S FINAL ACCEPTANCE.

#### END OF SECTION 05500

### 06100 CARPENTRY

#### I WORK INCLUDED –

RELATED DOCUMENTS:

- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR
- NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH
- TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK. PROVIDE AND INSTALL:
- 1. ALL ROUGH CARPENTRY INCLUDING BUT NOT LIMITED TO, WOOD BLOCKING, SUPPORT GROUNDS, FURRING, BACKBOARDS, ANCHORS AND ROUGH HARDWARE AND OTHER INCIDENTAL ROUGH CARPENTRY WORK AS REQUIRED FOR WORK OF ALL SECTIONS OF THESE SPECIFICATIONS.
- 2. MISCELLANEOUS CUTTING AND PATCHING FOR ALL SECTIONS OF THESE SPECIFICATIONS.
- 3. FIRESTOPPING AT ALL FLOOR AND WALL PENETRATIONS. PROVIDE UL FIRE RESISTANCE DIRECTORY DETAIL FOR EACH DIFFERENT INSTALLATION PROVIDED.
- 4. ALL TEMPORARY CONSTRUCTION REQUIREMENTS, INCLUDING BUT NOT LIMITED TO TEMPORARY CONSTRUCTION PARTITIONS, SCAFFOLDING, SCREENS, BARRIERS AND SUPPORTS FOR REMOVALS. RE-INSTALLATIONS AND NEW WORK. INCLUDING STRUCTURAL. MECHANICAL AND ELECTRICAL WORK, IN COORDINATION WITH
- REQUIRED PHASING OF THE PROJECT. 5. ALL WOOD SHALL BE FIRE RETARDANT TREATED.
- 6. RODENT INFESTATION PREVENTION AT FLOOR AND WALL PENETRATIONS. WHEN REQUIRED BY HEALTH CODE FOR FOOD SERVICE AREAS.
- 3. PROVIDE COORDINATED SHOP DRAWINGS AND SAMPLES OF ITEMS AS MAY BE REQUESTED BY THE OWNER.

4. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH ALSC, APA,

- AWPA, NHLA, PS 1, PS 20 AND APPLICABLE CODE REQUIREMENTS. TREAT ALL LUMBER AND WOOD WITH FIRE RETARDANT AS REQUIRED FOR TYPE, USE AND CODE. 1. IN ADDITION TO COMPLYING WITH PERTINENT CODES AND
- REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION, UNLESS OTHERWISE SPECIFICALLY DIRECTED OR PERMITTED BY THE OWNER COMPLY WITH: "PRODUCT USE MANUAL" OF THE WESTERN WOOD PRODUCTS
- ASSOCIATION FOR SELECTION AND USE OF PRODUCTS INCLUDED IN THAT MANUAL; "PLYWOOD SPECIFICATION AND GRADE GUIDE" OF THE AMERICAN

#### PLYWOOD ASSOCIATION. II MATERIALS -

- 1. ALL ROUGH CARPENTRY LUMBER SHALL BE CONSTRUCTION GRADE SEASONED, S4S DOUGLAS FIR OR WESTERN LARCH, SEASONED TO 10% OR LESS MOISTURE CONTENT.
- EACH PIECE SHALL BE GRADE STAMPED WITH OFFICIAL MARK OF RESPONSIBLE GRADING RULES ASSOCIATION. HIDDEN AND EXPOSED PLYWOOD, DFPA, INTERIOR AND EXTERIOR C-C GRADE MANUFACTURED IN ACCORDANCE WITH APA AND PS 1-66 STANDARDS. EACH PIECE SHALL BE GRADE STAMPED.
- FABRICATION AND THE BEST OF THEIR RESPECTIVE TYPE, GRADE AND CLASS, AND SHALL BE USED IN SUFFICIENT NUMBER AND CORRECT SIZES FOR THE PARTICULAR APPLICATION. 3. ALL WOOD AND WOOD PRODUCTS SHALL BE FIRE RETARDANT TREATED IN COMPLIANCE WITH THE LOCAL AND STATE BUILDING CODES: PRESSURE TREATED

WITH FIRE RETARDANT CHEMICALS, AND GRADE STAMPED, IN ACCORDANCE WITH

2. THREADED AND DRIVEN FASTENERS SHALL BE HOT-DIPPED GALVANIZED AFTER

- REFERENCE STANDARDS CITED. 1. LUMBER AWPA C20-1988
- 2. PLYWOOD AWPA C27-1988 4. FIRESTOPPING:
- 1. 3M FIRE PROTECTION PRODUCTS, OR ARCHITECT ACCEPTED EQUAL FIRESTOPPING AND SMOKE-STOPPING SYSTEMS AND DEVICES, AS LISTED IN THE UL FIRE RESISTANCE DIRECTORY FOR EACH RATED WALL AND FLOOR PENETRATION CONDITION.

- 5. ALL TEMPORARY CONSTRUCTION PARTITIONS, SCAFFOLDING, SCREEN, BARRIER AND SUPPORT TYPES, MATERIALS, FINISHES AND THEIR LOCATIONS SHALL BE IN ACCORDANCE WITH THE BUILDING OWNER'S TENANT CONSTRUCTION REQUIREMENTS AND ARE TO BE REVIEWED AND COORDINATED WITH THE BUILDING OWNER'S REPRESENTATIVE FOR ACCEPTANCE PRIOR TO COMMENCEMENT OF THE WORK.
- 6. RODENT INFESTATION PREVENTION:
- 1. GALVANIZED 18 GA. SHEET METAL COLLARS, SIZED TO OVERLAP OPENING AND TIGHT TO PENETRATING ITEM, AND ADHESIVE COMPATIBLE TO SURFACES ADHERED.

#### III EXECUTION -

- 1. SET ALL ROUGH CARPENTRY WORK AND TEMPORARY CONSTRUCTION ACCURATELY TO REQUIRED LEVELS AND LINES WITH MEMBERS PLUMB AND TRUE AND ACCURATELY CUT AND FITTED. SECURELY ATTACH THE WORK TO SUBSTRATE BY ANCHORING AND FASTENING AS REQUIRED BY RECOGNIZED STANDARDS. TEMPORARY CONSTRUCTION ITEMS SHALL BE INSTALLED IN A WAY TO MINIMIZE MARRING AND DAMAGING EXISTING FINISHES. ALL SUCH MARRING AND DAMAGE SHALL BE CORRECTED, PATCH TO MATCH, TO NO NOTICEABLE DIFFERENCE PER SECTION 01400 OF THESE SPECIFICATIONS.
- 2. HANDLE, STORE AND INSTALL FIRE RETARDANT (FR-S) MATERIALS IN ACCORDANCE WITH MANUFACTURER'S DIRECTIONS AND AS REQUIRED TO MEET REQUIRED CLASSIFICATION
- 3. TEMPORARY CONSTRUCTION PARTITIONS, SCAFFOLDING, SCREENS, BARRIERS AND SUPPORTS SHALL REMAIN IN PLACE UNTIL WORK IS COMPLETED. UPON COMPLETION OF THE WORK, OR PORTION THEREOF PER REQUIRED PHASING, REMOVE ITEMS IN THEIR ENTIRETY INCLUDING ALL FASTENINGS. PATCH TO MATCH AND CLEAN AND REPAIR ALL EXISTING SURFACE AFFECTED BY ITEM PLACEMENT AND SUPPORT INSTALLATION AND REMOVAL. RE-INSTALL APPLICABLE UNDAMAGED RE-USED ITEMS FOR SUCCEEDING PHASES.
- 4. APPLY FIRESTOPPING TO PROPERLY PREPARED CLEAN SUBSTRATE SURFACES FREE OF DIRT, DUST, GREASE, OIL, LOOSE MATERIAL, OR OTHER MATTER WHICH MAY AFFECT BOND OF FIRESTOPPING MATERIAL. APPLY PRIMER AND MATERIALS IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS AND APPLY FIRESTOPPING MATERIAL IN SUFFICIENT THICKNESS TO ACHIEVE RATING OF SURFACE PENETRATED AND TO UNIFORM DENSITY AND TEXTURE. INSTALL MATERIAL AT FLOORS, WALLS OR PARTITION OPENINGS WHICH CONTAIN PENETRATING SLEEVES, PIPING, DUCTWORK, CONDUIT AND OTHER ITEMS REQUIRING FIRESTOPPING.

#### END OF SECTION 06100

#### I WORK INCLUDED -

RELATED DOCUMENTS:

06400 ARCHITECTURAL WOODWORK

- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION.
- 3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK.

#### PROVIDE AND INSTALL:

- 1. ARCHITECTURAL WOODWORK ITEMS AS SCHEDULED AND SHOWN ON THE DRAWINGS.
- 2. ALL MISCELLANEOUS INCIDENTAL ITEMS, INCLUDING BUT NOT LIMITED TO PLASTIC LAMINATE AND MELAMINE. WOOD VENEER AND HARDWOOD, CABINET, DISPLAY CASE, DOOR AND ROLL-UP DOOR HARDWARE, METAL TRIM, SLATWALL GLASS AND SHEET PLASTIC, PAINT, STONE, WOOD CEILING SYSTEM, FABRIC COVERED PANELS, METAL STUD AND WOOD FRAMING, MASONITE, FASTENERS, ANCHORAGE DEVICES, SEALANTS, FILLERS AND ADHESIVES AS REQUIRED FOR THE INSTALLATION OF THE SCHEDULED ITEMS AND AS SHOWN ON THE DRAWINGS AND AS REQUIRED FOR FULL COMPLETION OF
- 3. PROVIDE COORDINATED SHOP DRAWINGS OF ALL ITEMS, SAMPLES OF FINISHES INDICATED ON PLANS
- 4. PROVIDE CLEANING DATA IN ACCORDANCE WITH SECTION 01710 OF THESE SPECIFICATIONS. INCLUDE RECOMMENDED CLEANING METHODS, CLEANING MATERIALS AND STAIN REMOVAL METHODS.

5. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH AWI GRADES SPECIFIED

WITH FIRE RETARDANT AS REQUIRED FOR TYPE, USE AND CODE

II MATERIALS - SEE FINISH SCHEDULE ON DRAWINGS

TYPES.) (THE USE OF PVC IS NOT ALLOWED.)

AND APPLICABLE CODES. TREAT ALL LUMBER AND WOOD

- 1. PLYWOOD OR MEDIUM DENSITY FIBERBOARD/PLASTIC LAMINATE FACED CABINET WORK AND PANELS SHALL BE AWI PREMIUM GRADE QUALITY. (USE FIRE RATED CORE MATERIAL AND FIRE RATED HORIZONTAL GRADE PLASTIC LAMINATES FOR ALL PLASTIC LAMINATE
- 1. PLASTIC LAMINATES: (ADHESIVES, BACKER SHEETS AND SUBSTRATES PER

#### MANUFACTURER'S SPECIFICATIONS (TO MAINTAIN MEA RATINGS). 2. DRAWER AND CABINET INTERIORS:

THE DRAWINGS

- 1. MELAMINE CABINET INTERIORS AND BALTIC BIRCH VENEER WITH
- CLEAR LACQUER FINISH DRAWERS. 2. PLYWOOD OR MEDIUM DENSITY FIBERBOARD/WOOD VENEER FACED CABINET WORK AND PANELS WITH HARDWOOD EDGING SHALL BE AWMAC PREMIUM GRADE
- QUALITY FOR ALL WOOD VENEER TYPES. (USE FIRE RATED CORE MATERIAL).
- 3. VENEER AND HARDWOOD: AS SPECIFIED ON FINISH SCHEDULE
- 4. SLATWALL: AS SPECIFIED ON FINISH SCHEDULE 5. METAL TRIM: AS NOTED ON THE DRAWINGS

6. PAINT FINISH: AS SPECIFIED ON FINISH SCHEDULE

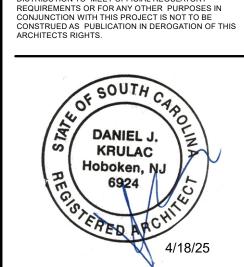
- 7. CABINET, DISPLAY CASE, DOOR AND ROLL-UP DOOR HARDWARE AS NOTED ON
- 8. GLASS . TEMPERED CLEAR GLASS, WITH ALL EDGES POLISHED, AS MANUFACTURED BY LOF, GLOBE AMERADA, PPG INDUSTRIES OR ARCHITECT ACCEPTED EQUAL.

### 9. SHEET PLASTIC: AS NOTED ON THE DRAWINGS

10. SOLID SURFACING: AS SPECIFIED ON FINISH SCHEDULE

HMSHost | Hudson | Dufry

NO. DATE REVISION/SUBMITTAL 4-4-25 | 100% SUBMITTAL 4-18-25 PERMIT SUBMITTAL



DATE 4-4-25 JOB NUMBER 2501

DUFRY # 824051MYR

SPECIFICATIONS

THIS DRAWING AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. US OF THE DRAWING, OR ANY REPRODUCTION THERE OF, OF THE DRAWING, OR ANY REPRODUCTION THERE OF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE ARCHITECT IS STRICTLY PROHIBITED. SUBMISSION OR DISTRIBUTION TO MEET OFFICIAL REGULATORY

- 1. IN ADDITION TO COMPLYING WITH THE PERTINENT CODES AND REGULATIONS OF GOVERNMENTAL AGENCIES HAVING JURISDICTION. COMPLY WITH PERTINENT RECOMMENDATIONS CONTAINED IN 'SPECIFICATIONS FOR METAL LATHING AND FURRING" PUBLISHED BY THE METAL LATH/STEEL FRAMING ASSOCIATION.
- 2. METAL STUD FRAMING, UNLESS OTHERWISE SHOWN ON THE DRAWINGS, SHALL BE STANDARD PUNCHED STEEL STUDS AND TRACK OF THE SIZES AND SHAPES SHOWN ON THE DRAWINGS, EITHER ELECTROLYTIC ZINC COATING (ASTM DESIGNATION A 591, CLASS B) OR PAINTED WITH 1.0 MIL DRY FILM THICKNESS) RUST-INHIBITIVE ZINC CHROMATE PRIMER PAINT AT MANUFACTURERS OPTION. ALL INTERIOR METAL STUDS AND THEIR ATTENDANT TRACK, LONGER THAN 12'-0" IN HEIGHT SHALL BE 20 GAUGE.
- 3. USE ONLY ONE STUD TYPE THROUGHOUT THE WORK, UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR SPECIFICALLY ACCEPTED IN ADVANCE BY THE ARCHITECT.
- 4. PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO, TRACKS, SCREWS, CLIPS, ANCHORS, FASTENING DEVICES, SOUND ATTENUATION PENCIL RODS AND RESILIENT CLIPS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE, PROPER, PERMANENTLY RIGID INSTALLATION, AND AS RECOMMENDED BY THE MANUFACTURER OF THE STEEL STUDS.
- 12. MISCELLANEOUS INCIDENTAL SUPPORT ITEMS IN TYPES, SHAPES AND SIZES AS SHOWN AND/OR REQUIRED WITH SHOP PRIME FINISH FOR CONCEALED ITEMS AND SCHEDULED FINISH FOR EXPOSED TO VIEW ITEMS.
- 13. ALL FASTENERS, THREADED AND DRIVEN, SHALL BE THE BEST OF THEIR RESPECTIVE TYPE. GRADE AND CLASS AND SHALL BE USED INSUFFICIEN NUMBERS AND CORRECT SIZES FOR THEIR PARTICULAR APPLICATIONS. ALL FASTENERS ARE TO BE CONCEALED IN THE FINISHED WORK.
- 14. SEALANT FOR INSTALLATION CAULKING OF ALL ARCHITECTURAL WOODWORK ITEMS SHALL BE TREMCO, OR ARCHITECT ACCEPTED EQUAL HIGH PERFORMANCE SEALANT, BLACK, AND IN TYPE AND DETAIL PER MANUFACTURER'S WRITTEN RECOMMENDATIONS AND STANDARDS. COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS FOR SELECTION OF CAULKING MATERIALS WHICH SUIT APPLICATIONS FOR INSTALLATION CONDITIONS.
- 15. ALL MISCELLANEOUS INCIDENTAL ITEMS IN TYPES SHOWN OR NOTED ON THE DRAWINGS AND AS REQUIRED FOR FULL COMPLETION OF THE WORK.

- 1. ALL FABRICATION, FINISHING, INSTALLATION, CLEANING AND PROTECTION OF ARCHITECTURAL WOODWORK SHALL BE GOVERNED BY APPLICABLE AWI STANDARDS. TO THE MAXIMUM EXTENT POSSIBLE, ASSEMBLE ALL ITEMS IN THE SHOP INCLUDING INSTALLATION OF THE NON-WOODWORK COMPONENTS. NO HORIZONTAL SEAMS OR JOINTS ARE ALLOWED IN ANY PANELS.
- SPACE REQUIREMENT DIMENSIONS. RELOCATE ALL EXISTING WALL MOUNTED ITEMS AND DEVICES TO REMAIN TO FACE OF NEW PANELING.

2. COORDINATE EXACT LOCATIONS AND SIZES OF ALL REQUIRED CUTOUTS AND

- 3. CONDITION WOODWORK TO AVERAGE PREVAILING HUMIDITY CONDITIONS IN INSTALLATION AREAS PRIOR TO INSTALLING.
- 4. INSTALL THE WORK PLUMB, LEVEL, TRUE AND STRAIGHT WITH NO DISTORTIONS. SHIM AS REQUIRED USING CONCEALED SHIMS AND/OR LEVELERS. INSTALL TO A TOLERANCE OF 1/8" IN 8'-0" FOR PLUMB AND LEVEL (INCLUDING COUNTERTOPS); AND WITH 1/16" MAXIMUM OFFSET IN FLUSH ADJOINING SURFACE, 1/8" MAXIMUM OFFSET IN REVEALED ADJOINING SURFACES.
- 5. SCRIBE AND CUT WORK TO FIT ADJOINING WORK, AND REFINISH CUT SURFACES OR REPAIR DAMAGED SURFACES AT CUTS.
- 6. ANCHOR TO BLOCKING BUILT-IN OR DIRECTLY ATTACHED TO SUBSTRATES. SECURE TO GROUNDS, STRIPPING AND BLOCKING WITH COUNTERSUNK, CONCEALED FASTENERS AND BLIND NAILING AS REQUIRED FOR COMPLETE INSTALLATION. EXCEPT WHERE PRE-FINISHED MATCHING FASTENER HEADS ARE REQUIRED, USE FINE FINISHING NAILS FOR EXPOSED NAILING, COUNTERSUNK AND FILLED FLUSH WITH WOODWORK, AND MATCHING FINAL FINISH WHERE TRANSPARENT FINISH IS INDICATED
- 7. PROPERLY APPLY SEALANT IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, MATERIALS AND DETAILS FULLY, NEATLY AND CAREFULLY, WITHIN CONFINES OF JOINT BETWEEN ARCHITECTURAL WOODWORK AND ABUTTING SURFACES
- 8. SET ALL DOORS SQUARE, PLUMB, LEVEL AND TRUE, ALL IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN INSTRUCTIONS. DOORS SHALL OPERATE FREELY THROUGHOUT THEIR INTENDED PATH OF TRAVEL AND LOCK WITH ABSOLUTE MINIMUM FREE PLAY. ENSURE PROPER MINIMUM JOINT AND ALIGNMENT BETWEEN DOOR AND FRAME
- 9. ADJUST AND CHECK EACH OPERATING ITEM OF HARDWARE AND EACH DOOR, EXISTING TO REMAIN AND NEW TO ENSURE PROPER OPERATION OF FUNCTION OF EVERY UNIT. REPLACE ANY UNIT WHICH CANNOT BE ADJUSTED TO OPERATE FREELY AND SMOOTHLY AS INTENDED FOR THE APPLICATION
- 10. MAKE FINAL CHECK AND ADJUSTMENT OF ALL HARDWARE ITEMS. CLEAN OPERATING ITEMS AS NECESSARY TO RESTORE PROPER FUNCTION AND FINISH OF HARDWARE AND DOORS. ADJUST DOOR CONTROL DEVICES TO COMPENSATE FOR FINAL OPERATION OF HEATING AND VENTILATING EQUIPMENT.
- 11. INSTRUCT OWNER'S PERSONNEL IN PROPER ADJUSTMENT AND MAINTENANCE OF HARDWARE FINISHES, DURING THE FINAL ADJUSTMENT OF HARDWARE.

### END OF SECTION 06400

#### 07250 FIREPROOFING:

### I WORK INCLUDED -

- 1. RELATED DOCUMENTS:
- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION.
- 3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK.

#### 2. PROVIDE AND INSTALL:

- 1. FIREPROOFING TO REPLACE ALL MISSING, DAMAGED AND REMOVED EXISTING FIREPROOFING WITH NEW FOR FULL COVERAGE OF STRUCTURAL ELEMENTS AS REQUIRED BY THE GOVERNING BUILDING CODE.
- 3. PROVIDE MANUFACTURER'S LITERATURE IN ACCORDANCE WITH SECTION 01300 OF THESE SPECIFICATIONS.
- 4. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPLICABLE CODE REQUIREMENTS.

#### II MATERIALS -

1. PRODUCTS SHALL MATCH EXISTING FIREPROOFING IN QUALITY, TYPE,

#### AND ASTM AND UL DESIGN REQUIREMENTS.

III EXECUTION -

- 1. SURFACES SHALL BE PREPARED, CLEANED AND INSPECTED AFTER SUPPORT HANGERS AND ATTACHMENTS PENETRATING THE FIREPROOFING ARE IN PLACE.
- 2. EQUIPMENT AND APPLICATION PROCEDURES SHALL CONFORM TO THE MATERIAL MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 3. INSTALLATION OF FIREPROOFING IS SUBJECT TO THE GOVERNING BUILDING CODE INSPECTION REQUIREMENTS.

#### END OF SECTION 07250

#### 07900 JOINT SEALERS

#### I WORK INCLUDED -

#### RELATED DOCUMENTS:

- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION.
- 3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK.

#### PROVIDE AND INSTALL:

- 1. ALL CAULKING FOR THE INSTALLATION OF NEW WORK WHERE NOTED AND/OR REQUIRED
- 2. ALL ADHESIVES, BACK-UP MATERIALS AND INCIDENTAL MATERIALS REQUIRED FOR PROPER INSTALLATION OF THE ABOVE.
- 3. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH SWRI, SEALANT AND CAULKING GUIDE SPECIFICATION, IMIAC AND APPLICABLE CODE REQUIREMENTS AND SHALL BE OF THE HIGHEST QUALITY IN MATERIAL AND INSTALLATION STANDARDS FOR THE TYPE APPLICATION AND METHOD OF CONSTRUCTION IN ACCORDANCE WITH THE MANUFACTURER'S WRITTEN RECOMMENDATIONS TO ACHIEVE A WATERTIGHT INSTALLATION GUARANTEE AGAINST ALL DEFECTS IN MATERIAL AND WORKMANSHIP FOR A PERIOD OF TWO

#### 4. WORK NOT INCLUDED:

1. SEALANTS SPECIFIED IN OTHER SECTIONS -2. ARCHITECTURAL WOODWORK SECTION 06400

- 1. TREMCO, OR ARCHITECT ACCEPTED EQUAL, HIGH PERFORMANCE SEALANTS, IN, STANDARD COLORS SELECTED BY ARCHITECT AND IN TYPE AND DETAIL PER MANUFACTURER'S WRITTEN RECOMMENDATIONS AND STANDARDS COMPLY WITH SEALANT MANUFACTURER'S RECOMMENDATIONS FOR SELECTION OF CAULKING MATERIALS WHICH SUIT APPLICATIONS FOR INSTALLATION
- 2. INCIDENTAL MATERIALS INCLUDING BUT NOT LIMITED TO BACK-UP MATERIALS, ADHESIVES, BOND BREAKERS, TAPE, PRIMERS AND FASTENERS REQUIRED AND COMPATIBLE AND IN ACCORDANCE WITH MATERIAL MANUFACTURER'S RECOMMENDATIONS.

#### III EXECUTION

- 1. PROPERLY PREPARE AND CLEAN ALL EXISTING AND NEW SURFACES TO RECEIVE APPLIED MATERIALS AND VERIFY THAT ALL SURFACES TO RECEIVE MATERIALS ARE PROPERLY PREPARED AND READY IN ACCORDANCE WITH MATERIAL MANUFACTURER'S WRITTEN INSTRUCTIONS.
- 2. PROPERLY APPLY ALL MATERIALS TO ALL SURFACES IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES, MATERIALS AND DETAILS.
- 3. APPLY SEALANTS FULL AND CONTINUOUS NEATLY AND CAREFULLY, WITHIN CONFINES OF JOINT, WITH CONCAVE PROFILES, AT ALL JOINTS INDICATED AND/OR REQUIRED.

#### END OF SECTION 07900

#### 08300 SPECIAL DOORS

#### WORK INCLUDED -1. RELATED DOCUMENTS:

- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION.
- 3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK.

#### 2. PROVIDE AND INSTALL:

- 1. OVERHEAD OR SIDE FOLDING CLOSURE ASSEMBLY(IES) AS SHOWN AND SCHEDULED ON THE DRAWINGS.
- 3. COORDINATE ALL WORK OF OTHER SECTIONS FOR THE CLOSURE(S).
- 4. PROVIDE COORDINATED SHOP DRAWING FOR CLOSURE REQUIREMENTS INCLUDING BUT NOT NECESSARILY LIMITED TO; SUPPORT FRAMING AND ENCLOSURES, PER CLOSURE MANUFACTURER'S LITERATURE.
- 5. PROVIDE CLEANING AND MAINTENANCE DATA IN ACCORDANCE WITH SECTIONS 01710 AND 01730 OF THESE SPECIFICATIONS. INCLUDE RECOMMENDED CLEANING METHODS, CLEANING MATERIALS, STAIN REMOVAL METHODS.
- 6. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPLICABLE CODE REQUIREMENTS.

#### II MATERIALS -

1. OVERHEAD OR SIDE FOLDING CLOSURE(S): AS SPECIFIED ON DOOR SCHEDULE.

#### III EXECUTION -

- 1. INSTALLATION SHALL BE BY CLOSURE MANUFACTURER'S AUTHORIZED DISTRIBUTOR OR REPRESENTATIVE.
- 2. COORDINATE EXACT LOCATIONS AND SIZES OF ALL REQUIRED CUTOUTS, AND SPACE REQUIREMENTS AND DIMENSIONS FOR SUPPORT AND FINISH REQUIREMENTS WITH OTHER SECTIONS OF THESE SPECIFICATIONS AND AS SHOWN AND NOTED ON THE DRAWINGS:
- 1. MISCELLANEOUS METALS SECTION 05500
- 2. CARPENTRY SECTION 06100 3. ARCHITECTURAL WOODWORK SECTION 06400 4. GYPSUM WALLBOARD SECTION 09250
- 3. SET DOOR SUPPORT, ENCLOSURES AND ABUTTING ADJACENT WORK SQUARE, PLUMB, LEVEL AND TRUE, ALL IN ACCORDANCE WITH THE CLOSURE MANUFACTURER'S WRITTEN INSTRUCTIONS. CURTAIN(S) SHALL OPERATE FREELY THROUGHOUT (ITS) (THEIR) INTENDED PATH(S) OF TRAVEL WITH ABSOLUTE MINIMUM FREEPLAY. ENSURE PROPER MINIMUM JOINT AND ALIGNMENT BETWEEN CURTAIN GUIDES AND STOREFRONT ENCLOSURES
- 4. INSTRUCT OWNER'S PERSONNEL IN PROPER ADJUSTMENT AND MAINTENANCE OF CLOSURE(S), DURING THE FINAL ADJUSTMENT OF CLOSURE INSTALLATION(S).

#### END OF SECTION 08300

#### 09250 GYPSUM WALLBOARD

#### I WORK INCLUDED. 1. RELATED DOCUMENTS:

- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION.
- 3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK.

#### 2. PROVIDE AND INSTALL:

- 1. GYPSUM WALLBOARD ARCHITECTURAL WOODWORK BACK-UP ASSEMBLIES, SOFFIT/FASCIA/CEILING ASSEMBLIES, FURRING AND PATCHING THROUGHOUT AS SHOWN AND SCHEDULED ON THE DRAWINGS:
- 2. PATCH TO MATCH DAMAGED EXISTING AND NEW WORK AND AS REQUIRED FOR REMOVALS AND NEW WORK INSTALLATION FOR ALL SECTIONS OF THESE SPECIFICATIONS INCLUDING MECHANICAL AND ELECTRICAL WORK.
- 3. GYPSUM WALLBOARD PARTITION ASSEMBLY FOR TEMPORARY PARTITION:
- 3. PROVIDE MANUFACTURER'S LITERATURE IN ACCORDANCE WITH SECTION 01300 OF THESE SPECIFICATIONS. 4. PROVIDE CLEANING DATA IN ACCORDANCE WITH SECTION 01710 AND OF THESE
- SPECIFICATIONS. INCLUDE RECOMMENDED CLEANING METHODS, CLEANING MATERIALS, STAIN REMOVAL METHODS.
- 5. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPLICABLE CODE REQUIREMENTS.

#### II MATERIALS -

- 1. ALL GYPSUM WALLBOARD MATERIALS INCLUDING BUT NOT LIMITED TO: STEEL FRAMING COMPONENTS, REGULAR BOARD, FIRE RETARDANT (TYPE III GRADE X) BOARD, ADHESIVES, METAL TRIM, METAL TRIM ACCESSORIES, ACOUSTICAL INSULATION (SAFB) AND SEALANT, TAPE, JOINTING COMPOUND, CONTROL JOINTS, SKIM COAT AND MISCELLANEOUS INCIDENTAL MATERIALS REQUIRED FOR THE NEW WORK AND PATCHING OF EXISTING SHALL BE U.S. GYPSUM QUALITY OR ARCHITECT ACCEPTED EQUAL
- 1. PROVIDE STANDARD PUNCHED STEEL STUDS AND TRACK OF THE SIZES AND SHAPES SHOWN ON THE DRAWINGS, EITHER ELECTROLYTIC ZINC COATING (ASTM DESIGNATION A 591 CLASS B) OR PAINTED WITH 1.0 MIL DRY FILM THICKNESS) RUST-INHIBITIVE ZINC CHROMATE PRIMER PAINT, AT MANUFACTURERS OPTION. ALL INTERIOR METAL STUDS, AND THEIR ATTENDANT TRACK, OVER 12'-0" IN HEIGHT SHALL BE 20 GAUGE.
- 2. USE ONLY ONE TYPE THROUGHOUT THE WORK, UNLESS OTHERWISE SHOWN ON THE DRAWINGS OR SPECIFICALLY ACCEPTED IN ADVANCE BY THE
- 3. PROVIDE ALL ACCESSORIES INCLUDING, BUT NOT NECESSARILY LIMITED TO. TRACKS, SCREWS, CLIPS, ANCHORS, FASTENING DEVICES, SOUND ATTENUATION PENCIL RODS AND RESILIENT CLIPS, AND OTHER ACCESSORIES REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, AND AS RECOMMENDED BY THE MANUFACTURER OF THE STEEL STUDS.
- 4. PROVIDE A GOOD GRADE OF COMMERCIAL GROUT FOR LEVELING THE FLOOR RUNNER MEMBER OF STEEL STUD PARTITIONS AS REQUIRED
- 5. FURRING MEMBERS: SCREW-TYPE HAT-SHAPED FURRING CHANNELS OF 25 GAGE ZINC-COATED STEEL; COMPLY WITH ASTM C645.
- 6. FURRING ANCHORAGE: MANUFACTURER'S STANDARD STRAPS, CLIPS, BOLTS, OR SCREWS AS RECOMMENDED BY FURRING MANUFACTURER.

### 2. SUSPENSION SYSTEM MATERIALS:

- 1. BOLT 3 X 3 X 1/4 X 2 LONG SUPPORT ANGLES TO EXISTING STRUCTURAL CONCRETE OR SUPPLEMENT EXISTING INTERMEDIATE FRAMING MEMBERS AS REQUIRED FOR NEW SUSPENSION SYSTEM WITH UNISTRUT CHANNELS SCREW FASTENED TO EXISTING STRUCTURAL STEEL MEMBERS SPACED 4 FOOT 0 INCHES ON CENTER BETWEEN EXISTING STRUCTURAL MEMBERS.
- 2. SECURE TO SUPPORT ANGLES OR INTERMEDIATE FRAMING MEMBERS BY TIEING GUY WIRES OR INSERTING BENT END OF HANGER RODS THROUGH PRE-PUNCHED HOLES (4'-0" ON CENTERS IN INTERMEDIATE FRAMING MEMBERS) SIZED FOR NOT LESS THAN 3 TIMES THE HANGER DESIGN LOAD FOR THE STRUCTURAL CLASSIFICATION INDICATED; ASTM DESIGNATION C635, TABLE 1, INDIRECT HUNG.
- 3. CEILING ATTACHMENT TO BUILDING SYSTEM SHALL BE THROUGH HANGER RODS, GUY WIRES, UNISTRUT AND STEEL CHANNELS AS SHOWN ON THE
- 1. HANGERS SHALL BE 1/4 INCH DIAMETER STEEL RODS. HANGER RODS SHALL BE GALVANIZED CONFORMING TO APPLICABLE PROVISIONS OF ASTM DESIGNATION A 123.

#### 2. GUY WIRES SHALL BE 12 GAUGE WIRE.

- 3. UNISTRUT SHALL BE P-1001 WITH BEAM CLAMPS AND ANGLE FITTINGS.
- 4. STEEL CHANNELS: EITHER COLD ROLLED AT 0.475 LB. PER FT. OR HOT-ROLLED FOR SUPPORT OF CEILING RUNNERS WITH DEFLECTIONS LESS THAN 1/360 X SPANS; BUT IN NO CASE LESS THAN 1-1/2 INCH SECTION WEIGHING 0.475 POUNDS PER LINEAR FOOT, AND IN NO CASE LESS THAN

REQUIRED BY GOVERNING REGULATIONS OR FOR FIRE RESISTANCE.

#### 5. WIRE CLIPS: #9 SPRING STEEL.

### II EXECUTION -

1. INSTALL GYPSUM WALLBOARD WORK PLUMB, LEVEL, SQUARE AND TRUE WITHOUT DISTORTION, ALIGNED AND FITTED PROPERLY, TAPED FLUSH AND SMOOTH, ACCEPTABLE FOR APPLIED FINISHES IN ACCORDANCE WITH THE GYPSUM WALLBOARD MANUFACTURER'S WRITTEN TECHNICAL INFORMATION AND GYPSUM CONSTRUCTION HANDBOOK, LATEST EDITION. SURFACES TO RECEIVE WALLCOVERING AND PHOTO IMAGE MURALS, SEE SECTIONS 09950 AND 10400 OF THESE SPECIFICATIONS, SHALL HAVE A FINISHING LEVEL OF NOT LESS THAN 5. ALL EXTERNAL CORNERS ARE TO RECEIVE METAL CORNER BEADS, ALL INTERNAL CORNERS ARE TO RECEIVE CORNER REINFORCING TAPE AND ALL EXPOSED TO VIEW EDGES ARE TO RECEIVE METAL TRIM. EACH ARE TO BE TAPED FLUSH AND SMOOTH TO ABUTTING GYPSUM WALLBOARD SURFACES.

- 2. COORDINATE FIRESTOPPING IN CONCEALED SPACES WITHIN PARTITIONS, WALLS AND FURRING AS REQUIRED BY THE GOVERNING BUILDING CODE: SEE FIRESTOPPING IN SECTION 06100.
- 3. EXISTING DEMISING WALLS ARE TO BE RETROFITTED AS REQUIRED TO MAINTAIN REQUIRED FIRE RATING. NEW WORK SHALL ACCOMMODATE EXISTING RELOCATED AND NEW BUILT-IN ELECTRICAL DEVICES: COORDINATE WITH ELECTRICAL DRAWINGS.
- 4. COORDINATE EXACT LOCATIONS AND SIZES OF ALL REQUIRED CUTOUTS, AND SPACE REQUIREMENTS AND DIMENSIONS FOR SUPPORT AND ENCLOSED ABUTTING MATERIAL REQUIREMENTS WITH OTHER SECTIONS OF THESE SPECIFICATIONS AND AS SHOWN AND NOTED ON THE DRAWINGS:
- 1. MISCELLANEOUS METALS SECTION 05500
- 2. CARPENTRY SECTION 06100
- 3. ARCHITECTURAL WOODWORK SECTION 06400
- 4. MECHANICAL DRAWINGS 5. ELECTRICAL DRAWINGS

#### END OF SECTION 09250

#### I WORK INCLUDED -

09300 TILE:

### 1. RELATED DOCUMENTS:

- 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION.
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION.
- 3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK.

#### 2. PROVIDE AND INSTALL:

- 1. FLOOR AND WALL TILE AS SHOWN ON THE DRAWINGS.
- 2. ANTI FRACTURE MEMBRANE AND EPOXY FOR ABOVE TILE (AS DIRECTED ON CONSTRUCTION DRAWINGS.)
- 3. ALL SETTING MATERIALS AND INSTALLATION PRODUCTS INCLUDING BUT NOT LIMITED TO: GROUTS, MORTARS AND ADHESIVES FOR THINSET METHOD FOR
- 4. TRANSITION AND DECORATIVE STRIPS AS SHOWN ON THE DRAWINGS.

#### 5. GROUT AND GROUT SEALER.

- 1. PROVIDE COORDINATED LAYOUT INSTALLATION SHOP DRAWINGS OF ALL ITEMS AND SAMPLES OF GROUT TYPES IN ACCORDANCE WITH SECTION 01300 OF THESE SPECIFICATIONS.
- 2. SUBMIT CLEANING DATA IN ACCORDANCE WITH SECTION 01710 OF THESE SPECIFICATIONS. INCLUDE RECOMMENDED CLEANING METHODS, CLEANING MATERIALS AND STAIN REMOVAL METHODS.
- 3. ALL WORK SHALL BE HIGHEST QUALITY IN ACCORDANCE WITH THE LATEST RECOMMENDATIONS, STANDARDS AND REQUIREMENTS OF THE TILE COUNCIL OF AMERICA CONSTRUCTION HANDBOOK AND ANSI STANDARDS.

#### MATERIALS -

1. TILE: SEE FINISH SCHEDULE ON DRAWINGS

- 1. SEE FINISH SCHEDULE ON DRAWINGS
- 3. TRANSITION AND DECORATIVE STRIPS: SEE FINISH SCHEDULE ON DRAWINGS
- 4. ANTI-FRACTURE MEMBRANE (AT ENTIRE SUBSTRATE BELOW TILE FLOORING): SEE FINISH SCHEDULE ON DRAWINGS

#### 5. EPOXY:

- 1. PROVIDE EPOXY INJECTION TREATMENT FOR CRACKS COMPLETELY THROUGH THE SLAB AND THOSE FROM 0.0625 INCH UP TO 0.25 INCH IN
- 6. ALL SETTING MATERIALS AND INSTALLATION PRODUCTS INCLUDING BUT NOT LIMITED TO: GROUTS, MORTARS AND ADHESIVES SHALL BE PER STONE MANUFACTURER'S / SUPPLIER'S WRITTEN RECOMMENDATIONS FOR THINSET METHOD FOR SURFACES APPLIED TO AND IN STRICT ACCORDANCE WITH THE TILE COUNCIL OF AMERICA INSTALLATION STANDARDS.

### III EXECUTION -

- . INSTALL ALL TILE WORK TO PROPERLY PREPARED SUBSURFACE IN ACCORDANCE WITH THE TILE MANUFACTURER'S WRITTEN TECHNICAL INFORMATION, TILE COUNCIL OF AMERICA CONSTRUCTION HANDBOOK LATEST EDITION AND APPLICABLE ANSI STANDARDS FOR RECOMMENDED THINSET
- 1. TILE SHALL BE ACCURATELY CUT TO SITE MEASURED FLOOR PERIMETER
- CONDITIONS. 2. PREPARE AND LEVEL FLOOR WITH UNDERLAYMENT, AS REQUIRED FOR SMOOTH SOUND, LEVEL, PLUMB, FLUSH INSTALLATION.
- 3. INSTALL TRANSITION AND DECORATIVE STRIPS AS REQUIRED FOR A CONTINUOUS SMOOTH SOUND, LEVEL, FLUSH INSTALLATION WITH A MINIMUM NUMBER OF TIGHT HAIRLINE BUTT JOINTS AS SHOWN AND DETAILED. 2. INSTALL ALL TILE IN PATTERN INDICATED TO PROPERLY PREPARED SUBSURFACES

WITH ALL JOINTS ALIKE AND IN ALIGNMENT, UNIFORM IN WIDTH NOTED,

POLISH ALL CUT EXPOSED TO VIEW EDGES TO MATCH TILE FACE.

CUT TILE AS REQUIRED TO MAINTAIN PATTERNS. SOUND FLOOR TILE AFTER SETTING. REPLACE HOLLOW SOUNDING UNITS. 3. COORDINATE EXACT LOCATIONS AND SIZES OF ALL REQUIRED CUTOUT WITH

WATERTIGHT, WITHOUT VOIDS, CRACKS, EXCESS MORTAR, ADHESIVE OR GROUT.

OTHER SECTIONS OF THESE SPECIFICATIONS AND AS SHOWN AND NOTED ON THE

4. DO NOT PERMIT TRAFFIC OVER FINISHED FLOOR SURFACE FOR 4 DAYS AFTER INSTALLATION

DRAWINGS. CORE BORE TILE FOR ELECTRICAL FLUSH FLOOR RECEPTACLES.

#### END OF SECTION 09500

#### 09900 PAINTING:

- I WORK INCLUDED -
- 1. RELATED DOCUMENTS: 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING
- GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL REQUIREMENTS, APPLY TO THIS SECTION. 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS

FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR

NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION. 3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH

#### TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK. 2. PROVIDE AND INSTALL:

- 1. PROPERLY PREPARE, PRIME AND FINISH PAINT ALL GYPSUM WALLBOARD WALL, CEILING AND SOFFIT/FASCIA SURFACES AS SCHEDULED AND SHOWN ON THE DRAWINGS
- 2. PROPERLY PREPARE AND FINISH PAINT ALL MISCELLANEOUS INCIDENTAL MATERIALS AS NOTED ON THE DRAWINGS INCLUDING BUT NOT LIMITED TO; DIFFUSERS, REGISTERS, PIPING, CONDUIT, BOXES, LIGHTING FIXTURES, PANELBOARDS, ETC. EXPOSED TO VIEW.

- 3. PROPERLY PREPARE AND FINISH PAINT EXISTING DAMAGED, MARRED OR WORN SURFACES TO REMAIN AND PATCH TO MATCH WORK AS REQUIRED FOR THE INSTALLATION OF NEW WORK, INCLUDING MECHANICAL AND
- 3. PROVIDE CLEANING DATA IN ACCORDANCE WITH SECTION 01710 AND OF THESE SPECIFICATIONS. INCLUDE RECOMMENDED CLEANING METHODS, CLEANING
- MATERIALS, STAIN REMOVAL METHODS. 4. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH
- MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPLICABLE CODE

#### 5. WORK NOT INCLUDED:

- . UNLESS OTHERWISE INDICATED, PAINTING IS NOT REQUIRED ON SURFACES IN CONCEALED AREAS AND INACCESSIBLE AREAS SUCH AS FURRED SPACES, FOUNDATIONS SPACES, UTILITY TUNNELS, PIPE SPACES, AND DUCT SHAFTS.
- 2. METAL SURFACES OF ANODIZED ALUMINUM, STAINLESS STEEL, CHROMIUM PLATE, COPPER, BAKED ENAMEL, BRONZE, AND SIMILAR FINISHED MATERIALS WILL NOT REQUIRE PAINTING UNDER THIS SECTION EXCEPT AS MAY BE SO SPECIFIED.
- 3. DO NOT PAINT MOVING PARTS OF OPERATING UNITS, MECHANICAL OR ELECTRICAL PARTS SUCH AS VALVE OPERATORS, LINKAGE, SENSING DEVICES, AND MOTOR SHAFTS, UNLESS OTHERWISE INDICATED.
- IDENTIFICATION, PERFORMANCE RATING, NAME, OR NOMENCLATURE PLATES. DO NOT PAINT FINISH HARDWARE UNLESS PRIME COATED.
- 5. PAINTING SPECIFIED IN OTHER SECTIONS OF THESE SPECIFICATIONS: SECTION 06400 ARCHITECTURAL WOODWORK

4. DO NOT PAINT OVER REQUIRED LABELS OR EQUIPMENT

2. SECTION 10400 IDENTIFYING DEVICES

#### II MATERIALS -

- 1. PAINT TYPES: SEE FINISH SCEDULE ON DRAWINGS
- 2. PRIMERS FOR THE ABOVE PAINT TYPES AS MANUFACTURED BY THE PAINT TYPE MANUFACTURER FOR SUBSTRATE TO BE PAINTED.
- 3. HEALTH SPEC LOW ODOR, LOW VOLATILE ORGANIC COMPOUNDS (VOC) COMPLIANT MATERIALS ARE ONLY TO BE USED. DO NOT USE THIN ALKYD BASED MATERIALS OTHERWISE VOC RATING WILL BE COMPROMISED. VOC PAINTS REQUIRE LONGER DRYING TIME.

#### III EXECUTION -

- 1. EXAMINE SURFACES TO BE PAINTED AND REPORT ANY CONDITIONS THAT WOULD ADVERSELY AFFECT THE APPEARANCE OR PERFORMANCE OF THE
- 2. PROPERLY PREPARE, CLEAN AND PRIME ALL EXISTING AND NEW SURFACE SUBSTRATES TO RECEIVE PAINTING SYSTEMS IN ACCORDANCE WITH THE MATERIAL MANUFACTURER'S SPECIFICATIONS. PATCH, REPAIR AND FILL FLUSH ALL DAMAGE, DEFECTS, AND OTHER MARRINGS TO EXISTING AND NEW SURFACES TO BE PAINTED.
- B. REMOVE ELECTRICAL PLATES, HARDWARE, LIGHT FIXTURE TRIM, SIGNS, ESCUTCHEONS AND FITTINGS PRIOR TO PREPARING SURFACES OR FINISHING. SIGNS ARE TO BE REPLACED IN LOCATIONS AS DIRECTED BY OWNER AFTER PAINT FINISH ACCEPTANCE. MASK OFF ALL MECHANICAL AND ELECTRICAL OPERATING DEVICES AND IDENTIFICATION MARKINGS, FIRE PROTECTION SPECIALTIES, DOORS, FRAMES AND HARDWARE AND OTHER MISCELLANEOUS ITEMS AS REQUIRED AND ALL ABUTTING SURFACES SCHEDULED OR NOTED TO RECEIVE A DIFFERENT PAINT TYPE OR
- 4. APPLY PAINT COATS BY SPRAY, ROLLER AND BRUSH APPLICATION ONLY TO SOUND, SMOOTH, DRY AND PROPERLY PREPARED SURFACES IN A DUST FREE ENVIRONMENT IN ACCORDANCE WITH THE PAINT MANUFACTURER'S WRITTEN INSTRUCTIONS. FILL ALL DAMAGED, MARRED, SCRAPED AND DENTED SURFACES WITH APPROPRIATE FILLER MATERIAL. METAL OR WOOD, AND SAND/POLISH SMOOTH AND SMOOTH WITH ABUTTING SURFACES. ALL WORK SHALL RECEIVE ONE PRIME COAT AND TWO FINISH COATS. ALL COMPLETED WORK SHALL BE UNIFORM IN APPEARANCE AND COVERAGE, FREE OF HOLIDAYS, SPOTTING, LAPS, TOOL MARKS, RUNS, SAGS, OR OTHER SURFACE
- IMPERFECTIONS. 1. EXCEPT AS SPECIFICALLY OTHERWISE ACCEPTED BY THE OWNER, CONFINE SPRAY APPLICATION TO METAL FRAMEWORK AND SIMILAR
- SURFACE WHERE HAND BRUSH WORK WOULD BE INFERIOR. 5. MISCELLANEOUS SURFACES AND PROCEDURES:
- 1. PAINT ALL DAMAGED EXISTING PAINT SURFACES COLOR AND FINISH TO MATCH EXISTING LIKE FINISHED SURFACE. 2. HARDWARE: PAINT PRIME COATED HARDWARE TO MATCH ADJACENT

3. ALUMINUM SURFACES SCHEDULED FOR PAINT FINISH: REMOVE

4. SEAL WITH SHELLAC AND SEAL ALL MARKS WHICH MAY BLEED

SURFACE CONTAMINATION BY STEAM OR HIGH PRESSURE WATER. REMOVE OXIDATION WITH ACID ETCH AND SOLVENT WASHING. APPLY ETCHING PRIMER IMMEDIATELY FOLLOWING CLEANING.

### THROUGH SURFACE FINISHES.

### END OF SECTION 09900

I WORK INCLUDED -

SURFACES.

- 10400 IDENTIFYING DEVICES:
- 1. RELATED DOCUMENTS: 1. DRAWINGS AND GENERAL PROVISIONS OF THE CONTRACT, INCLUDING
- 2. EXAMINE ALL OTHER SECTIONS OF THE SPECIFICATIONS FOR REQUIREMENTS WHICH AFFECT WORK OF THIS SECTION WHETHER OR NOT SUCH WORK IS SPECIFICALLY MENTIONED IN THIS SECTION.

GENERAL AND SUPPLEMENTARY CONDITIONS AND DIVISION 1 GENERAL

3. COORDINATE WORK WITH THAT OF ALL OTHER TRADES AFFECTING, OR AFFECTED BY WORK OF THIS SECTION. COOPERATE WITH SUCH

#### TRADES TO ASSURE THE STEADY PROGRESS OF ALL PROJECT WORK.

2. PROVIDE AND INSTALL: 1. SIGN(S) AS SCHEDULED AND SHOWN ON THE DRAWINGS.

REQUIREMENTS, APPLY TO THIS SECTION.

2. ALL MOUNTING DEVICES AND FASTENERS REQUIRED FOR THE INSTALLATION OF THE ABOVE SIGN AND ASSEMBLIES.

3. PROVIDE COORDINATED SHOP DRAWINGS AND MANUFACTURER'S

- LITERATURE ON ALL ITEMS IN ACCORDANCE WITH THESE SPECIFICATIONS. 4. PROVIDE CLEANING DATA IN ACCORDANCE WITH SECTION 01710 AND OF THESE SPECIFICATIONS. INCLUDE RECOMMENDED CLEANING METHODS, CLEANING MATERIALS, STAIN REMOVAL METHODS.
- 5. ALL WORK SHALL BE HIGHEST IN QUALITY IN COMPLIANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS AND APPLICABLE CODE REQUIREMENTS.

### II MATERIALS

1. AS SCHEDULED AND SHOWN ON THE DRAWINGS.

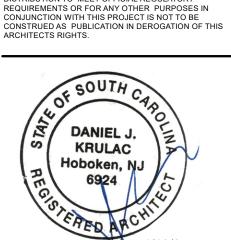
#### III EXECUTION -

1. COORDINATE EXACT LOCATIONS AND SIZES OF ALL REQUIRED CUTOUTS AND SPACE REQUIREMENTS AND DIMENSIONS WITH OTHER SECTIONS OF THESE SPECIFICATIONS AND AS NOTED ON THE DRAWINGS:

- SECTION 06400 ARCHITECTURAL WOODWORK SECTION 09250 GYPSUM WALLBOARD
- 2. INSTALL ALL WORK TRUE PLUMB, RIGID AND PERMANENT IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS.

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SPECIFICATIONS

**END OF SECTION 10400** 

### SITE NOTES

- SITE VERIFICATION THE G.C. IS RESPONSIBLE TO VISIT SITE TO ASCERTAIN FULL EXTENT OF WORK. THE G.C. SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY INCONSISTENCIES OR DISCREPANCIES WITH PLANS IN RELATION TO EXISTING FIELD CONDITIONS.
- CONSTRUCTION BARRICADE THE G.C. SHALL FURNISH & INSTALL A CONSTRUCTION BARRICADE TO SEPARATE THE G.C.'S WORK WITHIN THE TENANT SPACE FROM THE LANDLORD'S OVERALL CONCOURSE CONSTRUCTION. THE FINAL BARRICADE LOCATION AND ENTRY DOOR PLACEMENT SHALL BE COORDINATED WITH THE LANDLORD AND LANDLORD'S CONSTRUCTION TEAM. REFER TO CONSTRUCTION BARRICADE PLAN/NOTES FOR LOCATION AND DETAILS.

### 3. SAFETY

- THE SPACE SHALL BE EQUIPPED WITH A FIRST AID KIT AND FIRE EXTINGUISHER.
- TEMPORARY UTILITIES TEMPORARY POWER MAY BE AVAILABLE FROM A SOURCE DESIGNATED BY THE LANDLORD. ALL TEMPORARY WIRING USED DURING CONSTRUCTION (E.G., PHONE, POWER, ETC.) SHALL BE IN CONDUIT AND REMOVED BEFORE PROJECT COMPLETION.

#### . WORK REQUIREMENTS

ALL CONSTRUCTION ACTIVITIES SHALL BE COORDINATED WITH LANDLORD'S OVERALL CONCOURSE CONSTRUCTION.

### **CONSTRUCTION BARRICADE NOTES**

THE G.C. SHALL ERECT AND REMOVE A CONSTRUCTION BARRICADE AS NOTED/SHOWN ON THIS SHEET. THE BARRICADE SHALL COMPLY WITH ALL TENANT & LANDLORD REQUIREMENTS.

#### CONSTRUCTION

TEMPORARY CONSTRUCTION BARRICADES SHALL BE SELF-SUPPORTING. MECHANICAL ATTACHMENT OF CONSTRUCTION BARRICADE TO THE LANDLORD'S FINISHES IS PROHIBITED. THE BARRICADE SHALL REMAIN RIGID, SQUARE AND PLUMB THROUGHOUT CONSTRUCTION. THE BARRICADE SHALL CONFORM TO THE FOLLOWING LANDLORD REQUIREMENTS:

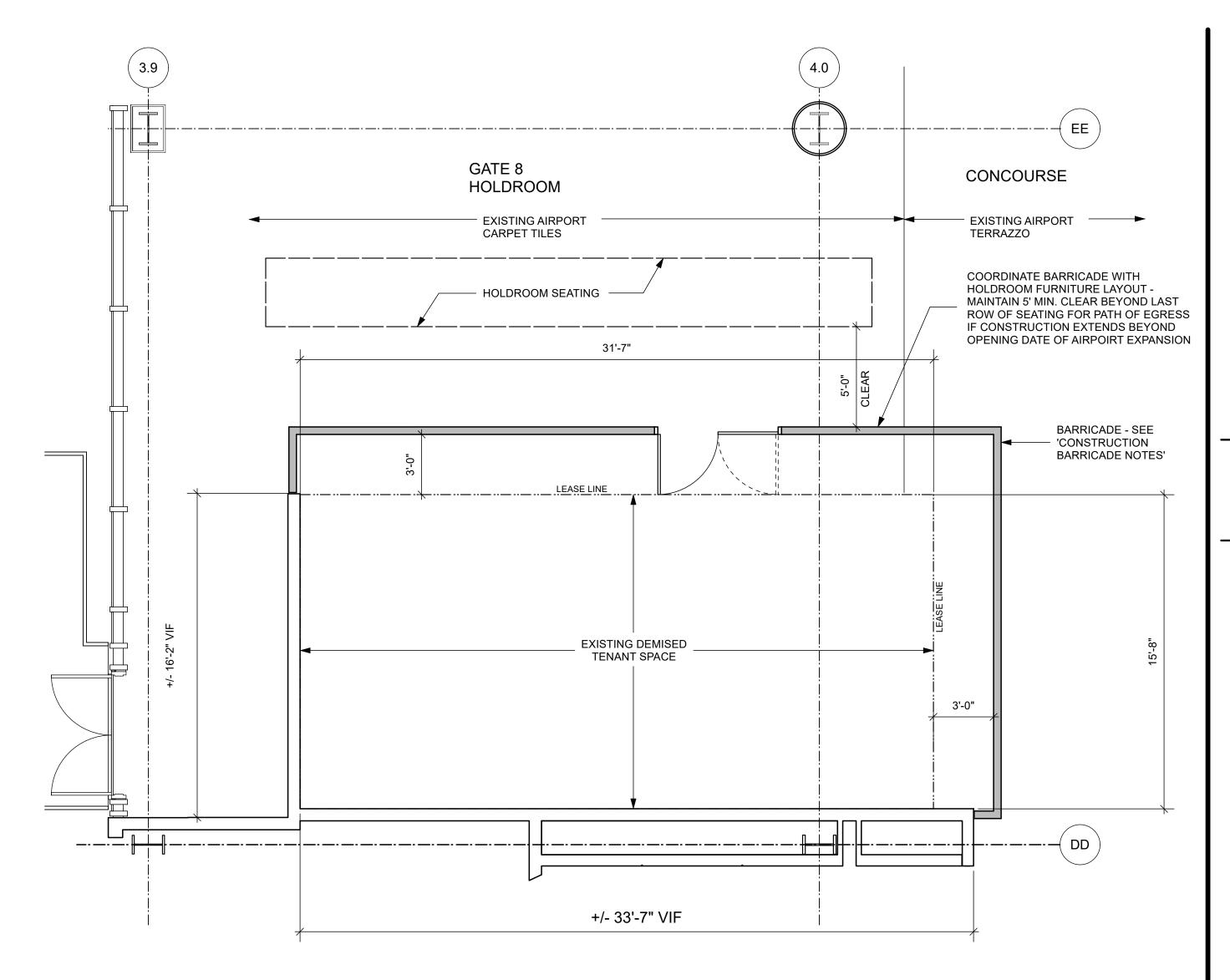
- A. FRAMING: 3 5/8" METAL STUDS @ 16" O.C.
- B. GYP. BD.: 1/2" GYP. BD. WITH SCREWS 12" O.C. APPLIED TO EXTERIOR (CONCOURSE SIDE) OF METAL STUDS.
- C. BRACING: BRACING SHALL BE SUFFICIENT TO WITHSTAND A FIVE POUND-PER-SQUARE-FOOT FORCE. PENETRATIONS TO THE LANDLORD'S TILE/TERRAZZO IS NOT PERMITTED. HIGH STRENGTH DOUBLE-SIDED TAPE MUST BE USED WHEN SECURING THE BOTTOM OF BARRICADES TO TILE/TERRAZZO. PENETRATIONS INTO THE LANDLORD'S CEILING GRID & TILES IS NOT PERMITTED.
- D. PROVIDE PAIR OF 3'-0" x 6'-8" 20 GA. STANDARD-DUTY H.M. DOORS AND H.M. FRAME. HARDWARE: ADA-COMPLIANT LEVER, FINISH TO BE BRUSHED CHROME. NO HASPS OR PADLOCKS PERMITTED. INACTIVE LEAF TO HAVE FLUSH BOLTS TOP & BOTTOM. PROVIDE CLOSER MOUNTED ON TENANT'S SIDE OF DOOR REQUIRING NO MORE THAN 5 LBS OF PRESSURE TO OPEN DOOR. COORDINATE KEYING OF LOCKS WITH TENANT REPRESENTATIVE AND LANDLORD SO THAT THE LANDLORD HAS ACCESS FOR PURPOSES OF EMERGENCY SERVICES, SECURITY, AND MAINTENANCE. PAINTED TO MATCH EXISTING WALLS.

#### INSTALLATION & REMOVAL TIME

THE CONTRACTOR SHALL SCHEDULE CONSTRUCTION AND REMOVAL OF THE BARRICADE WITH THE LANDLORD.

#### 4. **OBSTRUCTIONS**

- A. FIRE/LIFE SAFETY SYSTEM: BARRICADES SHALL NOT OBSTRUCT FIRE SPRINKLERS, SMOKE DETECTORS, AUDIBLE/VISUAL ALARMS, AND AUTOMATED EXTERNAL DEFIBRILLATORS (AEDs). RELOCATIONS OF EVICES SHALL BE DETERMINED ON A CASE-BY-CASE BASIS BY THE AVIATION FIRE MARSHALL AND LANDLORD.
- B. SECURITY CAMERAS: BARRICADES SHALL NOT OBSTRUCT THE VIEW OF SECURITY CAMERAS. THE G.C. SHALL COORDINATE WITH THE LANDLORD FOR CAMERAS REQUIRING RELOCATION.
- C. HVAC REGISTERS/VENTS: BARRICADES SHALL NOT OBSTRUCT HVAC REGISTERS AND VENTS. IF OBSTRUCTIONS IS DEEMED NECESSARY FOR CONSTRUCTION, MODIFICATIONS TO THE BARRICADE TO EXTEND THE REGISTERS/VENTS THROUGH THE BARRICADE MAY BE REQUIRED.
- D. LIGHT FIXTURES: BARRICADES SHALL NOT OBSTRUCT LIGHT FIXTURES WHENEVER POSSIBLE.
- E. SIGNAGE: BARRICADES SHALL NOT OBSTRUCT EXISTING SIGNAGE WHENEVER POSSIBLE. IF OBSTRUCTION IS DEEMED NECESSARY, THE LANDLORD WILL DEVELOP A TEMPORARY SIGNAGE PLAN. THE G.C. SHALL NOTIFY THE LANDLORD'S PROJECT MANAGER WHEN/IF ANY SIGNS WILL BE OBSTRUCTED.



### BARRICADE PLAN

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BARRICADE PLAN

#### **CONSTRUCTION NOTES**

ALL EXISTING CONSTRUCTION AND FINISHES ARE TO REMAIN UNLESS OTHERWISE NOTED/SHOWN. ANY AREAS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED/REPLACED TO MATCH EXISTING BY THE G.C. THE G.C. SHALL VERIFY THAT EXISTING STRUCTURE, DUCTWORK, EQUIPMENT, ETC. DOES NOT INTERFERE WITH NEW CONSTRUCTION SHOWN. THE G.C. SHALL NOTIFY TENANT'S REPRESENTATIVE IMMEDIATELY IF NEW CONSTRUCTION AS SHOWN IS NOT ATTAINABLE.

THE ARCHITECTURAL DRAWINGS SHALL GOVERN THE PLACEMENT OF ITEMS EXPOSED TO VIEW (LIGHT FIXTURES, DIFFUSERS, ETC.).

ALL DIMENSIONS SHOWN ARE TO FACE OF FINISHED MATERIAL (GYP. BD., TILE, MILLWORK, ETC.) UNLESS OTHERWISE NOTED.

THE G.C. SHALL PROVIDE ALL NECESSARY BLOCKING REQUIRED FOR ALL WALL-MOUNTED FIXTURES/MILLWORK. WOOD FURRING/BLOCKING SHALL BE "FIRE-PRO" FIRE- RETARDANT TREATED WOOD, AS MFD. BY 'OSMOSE, INC.'; OR APPROVED EQUAL. PROVIDE BLOCKING IN PARTITIONS FOR WALL-HUNG & BASE CABINETS, AT ALL WALL-MOUNTED EQUIPMENT, AND FOR SECURING OF ALL MILLWORK. ANY EXISTING BLOCKING THAT IS NOT FIRE-RETARDENT TREATED SHALL BE REPLACED.

ALL NEW & EXISTING PENETRATIONS THRU FIRE-RATED WALLS, FLOORS, AND CEILINGS SHALL BE SLEEVED AND SEALED WITH A U.L. LISTED & APPROVED FIRE-RATED SEALANT. THE G.C. SHALL COORDINATE ALL NEW PENETRATIONS REQUIRED WITH THE LANDLORD.

#### EXISTING SLAB PENETRATIONS

GROUT FULL ANY EXISTING CORES IN SLAB NOT BEING RE-USED TO MATCH EXISTING CONSTRUCTION. MAINTAIN FLOOR FIRE-RATINGS.

#### NEW SLAB PENETRATIONS AND OPEN SLAB CUTTING (TRENCHES)

CORE DRILLING OF SLAB SHALL CONFORM TO THE FOLLOWING: A. ALL CORE DRILLING OF CONCRETE SLABS REQUIRE X-RAY OR GROUND PENETRATING RADAR (GPR) REPORTS BY A LICENSED TECHNICIAN PRIO TO DRILLING OR CUTTING SLABS. PENETRATIONS OF THE FLOOR GREATER THAN 1 1/2" REQUIRE X-RAY/GPR, REVIEW, AND MWAA APPROVAL. ON-SITE PHYSICAL LAYOUT OF SIZE AND LOCATION OF PENETRATIONS SHALL BE REVIEWED BY AN APPROPRIATE MWAA REPRESENTATIVE "BEFORE" ANY PENETRATIONS/TRENCHES ARE ALLOWED.

B. THE G.C. SHALL PROVIDE THE LANDLORD PROJECT MANAGER 24 HOURS NOTICE PRIOR TO CORING FOR COORDINATION. C. THE G.C. SHALL PROVIDE A DRAWING TO THE LANDLORD PROJECT MANAGER SHOWING CORE LOCATION(S) AND GPR CONFIRMATION THAT THE AREA IS CLEAR FOR CORING FOR

APPROVAL PRIOR TO EXECUTION. D. ALL CORE DRILLING SHALL FOLLOW LANDLORD'S REQUIREMENTS AND SHALL BE APPROVED BY THE LANDLORD.

E. THE G.C. SHALL PROVIDE A FIRE-RATED PENETRATION WITH A 'F' RATING OF 2 HRS. THE G.C. SHALL ENSURE THAT ALL SLAB PENETRATIONS ARE PROPERLY SEALED AND

WATERTIGHT TO PREVENT POSSIBLE WATER LEAKAGE AND/OR DAMAGE. ANY DAMAGE CAUSED FROM FAILURE TO DO SO SHALL BE AT G.C.'S SOLE RISK AND EXPENSE. F. THE G.C. SHALL PROVIDE THE LANDLORD WITH A PLAN INDICATING HOW CONDUIT & CABLE WILL BE ROUTED UNDER SLAB AND AREAS/ROOMS BELOW SLAB THAT WILL BE IMPACTED.

A FIRE EXTINGUISHERS SHALL BE LOCATED ON THE JOB SITE THROUGHOUT CONSTRUCTION. A "JOB WATCH" SHALL BE PROVIDED AT ALL TIMES DURING FIELD WELDING OPERATIONS.

THE G.C. SHALL MAINTAIN ALL EXISTING FIRE-PROOFING ON STRUCTURAL MEMBERS. FOR ANY AREAS OF FIRE-PROOFING THAT ARE DAMAGED/REMOVED, THE FIRE-PROOFING SHALL BE REAPPLIED TO MEET CODE REQUIREMENTS FOR RATING/THICKNESS.

FLOOR AND CEILING ANCHORS SHALL BE TYPES AS PERMITTED BY THE LANDLORD.

THE G.C. SHALL ATTACH THE MILLWORK TO METAL STUDS IN EXISTING PARTITIONS WITH THREE (3) HORIZONTAL ROWS OF #10 X 2" TEK SCREWS @ 16" O.C. FOR DIRECT ATTACHMENT AND FURRED CONSTRUCTION, THE INTERIOR FINISH MATERIAL SHALL BE APPLIED DIRECTLY AGAINST NON-COMBUSTIBLE CONSTRUCTION OR TO FURRING STRIPS NOT EXCEEDING 1 3/4" APPLIED DIRECTLY AGAINST SUCH SURFACES. THE INTERVENING SPACES BETWEEN FURRING STRIPS SHALL BE FIREBLOCKED AT A MAXIMUM OF 8'-0" IN ANY DIRECTION.

THE G.C. SHALL ENSURE THAT ALL EQUIPMENT IS ACCESSIBLE AND MAINTAINABLE, INCLUDING VAVS, DAMPERS, ACTUATORS, ETC. LOCATED ABOVE THE CEILING. COORDINATE ACCESS PANEL LOCATIONS WITH THE LANDLORD, THE BUILDING INSPECTOR AND LANDLORD-APPROVED CONSTRUCTION DRAWINGS.

IF THE AREA ABOVE THE CEILING IS USED FOR A RETURN-AIR PLENUM, THE G.C. SHALL ENSURE THAT ALL CEILING COMPONENTS ARE PLENUM RATED. NO COMBUSTIBLE MATERIALS SHALL BE INSTALLED IN THE PLENUM.

THE G.C. SHALL PROVIDE ACCESS PANELS IN GYP. BD. CEILINGS/SOFFITS FOR MAINTENANCE OF MECHANICAL EQUIPMENT, SHUT-OFF'S, J-BOXES, ETC. THAT REQUIRE PERIODIC ACCESS. THE ACCESS PANEL SHALL BE NON-CORROSIVE, PAINTABLE, AND HAVE A FLUSH-MOUNTED FRAME, CONCEALED HINGES, SAFETY CATCHES, AND REMOVABLE DOOR PANEL AS MANUFACTURED BY "ACCESS PANEL SOLUTIONS INC." (877) 592-0033; OR APPROVED EQUAL. THE G.C. SHALL DETERMINE EXACT SIZE AND EXACT LOCATION OF ACCESS PANEL SO THAT THE EQUIPMENT IS PROPERLY ACCESSED.

THE CONTRACTOR MUST NOTIFY THE FIRE MARSHAL PRIOR TO WELDING AND GRINDING THAT CREATES SPARKS OR TORCH CUTTING. WELDING AND GRINDING THAT CREATES SPARKS OR TORCH CUTTING SHALL BE DONE UNDER DIRECT SUPERVISION AND WITH THE LANDLORD 'S APPROVAL

#### 6. SECURING OF TOOLS

MARK SIZE

ALL CONSTRUCTION AREAS MUST BE ABLE TO BE SECURED WHEN NOT OCCUPIED DURING CONSTRUCTION ACTIVITIES. ALL TOOLS MUST REMAIN IN THE CONTROL OF INDIVIDUALS AT ALL TIMES. THE G.C. SHALL FOLLOW ALL LANDLORD REQUIREMENTS FOR SECURING OF TOOLS.

#### 7. SYSTEM INPAIRMENT REQUEST

THE G.C. SHALL SUBMIT A SYSTEM IMPAIRMENT REQUEST TO THE LANDLORD FOR ANY LIFE SAFETY SYSTEMS DEVICES NEEDING TO BE IMPAIRED DURING CONSTRUCTION.

### DOOR SCHEDULE

1417 (1 (1 (	O.LL	MARKOT ACTORETA TO THE TAXABLE AT TH
1	AS SHOWN ON PLAN	SIDE FOLDING GRILLE AS MFD. BY HUDSON-APPROVED MANUFACTURER. GRILLE TO BE 'AS400CA STEEL VISTA' WITH PERFORATED PANELS, CLEAR ANODIZED ALUMINUM FINISH. PROVIDE OUTSIDE CYLINDER LOCK TO ACCEPT INTERCHANGEABLE CORE AS NOTED.
		INSTALLATION SHALL BE BY GRILLE MANUFACTURER'S AUTHORIZED DISTRIBUTOR OR REPRESENTATIVE. G.C. SHALL INSTALL ALL REQUIRED BLOCKING AND SHALL COORDINATE EXACT LOCATION AND SIZES OF ALL REQUIRED CUTOUTS, SPACE REQUIREMENTS, AND DIMENSIONS FOR SUPPORT WITH OTHER FINISH WORK.
		THE EXISTING TRACK SHALL BE REUSED IF POSSIBLE. THE EXISTING SUPPORT FRAMING SHALL BE REUSED FOR NEW GRILLE.
		G.CSUPPLIED / G.CINSTALLED. THE G.C. SHALL CONTRACT WITH THE AVOLTA-APPROVED VENDOR.
		AVOLKTA-APPROVED MANUFACTURER: AMSTEL MANUFACTURING TEL/ 416-948-9100 projects@amstel-doors.com
		THE SIDE-FOLDING GRILLE SHALL CONFORM TO THE FOLLOWING:  1. THEY SHALL REMAIN IN FULL OPEN POSITION DURING THE PERIOD OF OCCUPANCY BY THE GENERAL PUBLIC.  2. DOORS SHALL NOT BE BROUGHT TO THE CLOSED POSITION WHEN THERE ARE 10 OR MORE PERSONS OCCUPYING THE TENANT SPACE.  3. THE DOORS SHALL BE OPENABLE FROM WITHIN WITHOUT THE USE OF ANY SPECIAL KNOWLEDGE OR EFFORT WHERE THE SPACE IS OCCUPIED.
		LOCKING REQUIREMENTS: A KEY-OPERATED LOCKING DEVICE MAY BE LOCATED ON THE EGRESS SIDE OF THE DOOR PROVIDED THE LOCKING DEVICE IS READILY DISTINGUISHABLE AS LOCKED. LOCKS SHALL ACCEPT "BEST" FIGURE 8, 7 PIN INTERCHANGEABLE CORES, OR AS OTHERWISE REQUIRED BY THE LANDLORD.

MANUFACTURER / HARDWARE / REMARKS

- ALL DOOR COMPONENTS TO CONFORM TO LANDLORD'S REQUIREMENTS/STANDARDS. COORDINATE KEYING REQUIREMENTS WITH TENANT REP. AND LANDLORD. PROVIDE INTERCHANGEABLE LOCKSETS COMPATIBLE WITH BEST 7PIN LOCK FOR ALL LOCKING DOORS.
- EXIT DOORS SHALL BE OPERABLE FROM THE INSIDE WITHOUT THE USE OF A KEY OR ANY SPECIAL
- HAND-ACTIVATED DOOR OPENING HARDWARE SHALL BE MOUNTED BETWEEN 34" AFF AND 48" AFF.
- NEW DOORS SHALL BE EQUIPPED WITH ACCESSIBLE HARDWARE AS REQUIRED BY CHAPTER 11 OF THE VCC AND ICC/ANSI A117.1.

### PARTITION SCHEDULE

	I EVICTING DADTITION TO DEMAIN.
1	EXISTING PARTITION TO REMAIN:
	THE G.C. SHALL PATCH/ REPAIR EXISTING PARTITION AS NEEDED TO
(E)	PREPARE WALL SURFACES FOR NEW FINISHES.
$\overline{}$	- ANY MOLD DISCOVERED DURING DEMOLITION SHALL BE
	REMOVED
	- ALL RUSTED/DETERIORATED FRAMING DISCOVERED DURING
	DEMOLITION SHALL BE REMOVED AND REPLACED WITH NEW,
	SIZE/GAUGE OF FRAMING TO MATCH EXISTING

FOR TENANT DEMISING PARTITIONS: MAINTAIN ANY FIRE RATINGS. FIRE CAULK AND SEAL AS REQUIRED AT ALL PENETRATIONS AND DECK TO MAINTAIN REQUIRED FIRE RATING.

**NEW NON-RATED / NON-STRUCTURAL PARTITION:** 5/8" TYPE 'X' GYP. BD. ON ONE OR BOTH SIDES OF 6" METAL STUDS @ 16" O.C. REFER TO METAL STUD FRAMING NOTES AND SCHEDULE THIS SHEET. PREPARE WALL SURFACES FOR NEW FINISHES.

**NEW NON-RATED / NON-STRUCTURAL PARTITION:** 5/8" TYPE 'X' GYP. BD. ON ONE OR BOTH SIDES OF 3 5/8" METAL STUDS @ 16" O.C. REFER TO METAL STUD FRAMING NOTES AND SCHEDULE THIS SHEET. PREPARE WALL SURFACES FOR NEW FINISHES.

#### . SEE METAL STUD FRAMING NOTES THIS SHEET.

- . RUNNER TRACK GAUGE TO MATCH STUD.
- . PROVIDE LATERAL BRACING PER FRAMING DETAILS.
- SECURE TRACK TO CONCRETE SLAB W/ HILTI X-U 27 P8 PAF @ 16" O.C.
- DO NOT USE POWER-ACTUATED FASTENERS ON TERRAZZO FLOORING. . THE G.C. SHALL PROVIDE ALL F.R. BLOCKING REQUIRED FOR MOUNTING OF

### MILLWORK & EQUIPMENT. THE G.C. SHALL COORDINATE BLOCKING REQUIREMENTS WITH THE OWNER FOR ALL OWNER-SUPPLIED ITEMS. RUNNER TRACK GAUGE TO MATCH STUD.

# METAL STUD SCHEDULE

l	SIZE	GA.	TYPE	MAX. UNSU		(1) (2) (3)
ı		25	ST	UP TO	10' - 7"	9' - 9"
ı	1 5/8"	22	ST	UP TO	_	1
╛		20	ST	UP TO	12' - 1"	11' - 0"
ı		25	ST	UP TO	12' - 6"	10' - 9"
ı	2 1/2"	22	ST	UP TO	13' - 0"	11' - 6"
ı	2 1/2	20	ST	UP TO	13' - 10"	12' - 0"
ı		25	ST	UP TO	16' - 0"	13' - 6"
ı		22	ST	UP TO	17' - 3"	15' - 0"
ı		20	ST	UP TO	17' - 11"	15' - 7"
1	3 5/8"	20	SJ	UP TO	18' - 6"	16' - 9"
ı		18	SJ	UP TO	19' - 3"	
ı		16	SJ	UP TO	20' - 0"	
ı		14	SJ	UP TO	22' - 0"	
ı		22	ST	UP TO	25' - 3"	22' - 0"
ı		20	ST	UP TO	26' - 1"	22' - 10"
ı	6"	20	SJ	UP TO	26' - 8"	23' - 8"
ı	ľ	18	SJ	UP TO	28' - 0"	
		16	SJ	UP TO	30' - 0"	
		14	SJ	UP TO	32' - 0"	

- BASED ON INTERIOR NON-BEARING PARTITIONS WITH (1) LAYER OF GYP. BD. EA. SIDE. USE GAUGE TYPE AS SCHEDULED UNLESS NOTED OTHERWISE ON DRAWINGS.
- WALLS OVER 12'-0" HIGH TO BE LATERALLY BRACED VERTICAL WITH 1 1/2", 16 GA. COLD-ROLLED CHANNELS CLIP ANCHORED TO METAL STUDS.

#### THE G.C. SHALL VERIFY DECK HEIGHTS PRIOR TO BID.

### METAL STUD FRAMING NOTES

ALL STUD WALLS AND PARTITIONS SHALL HAVE CONTINUOUS LINES OF BRIDGING SPACED AT 4'-0" O.C. MAX. THE BRIDGING SHALL BE SECURELY FASTENED TO THE STUDS WITH EITHER SCREWS OR

GATE 8

MAINTAIN 30" x 36"

NEW FIXTURES/MILLWORK SHOWN DOTTED - SEE

CLEARANCE AT

ELECTRIC PANEL

'FIXTURE PLAN'

7'-5"

& DATA RACK -SEE DETAIL

SHEET A5.2

**CONSTRUCTION PLAN** 

24" O.C.

1/4" = 1'-0"

**HOLDROOM** 

31'-7"

SALES

LEASE LINE

- ALL STUDS SHALL BE "CEE" STUDS WITH FLANGE STIFFENERS.
  - THE MATERIALS AND DETAILS SHOWN ARE FOR TYPICAL INSTALLATIONS. WHERE THE STUD MANUFACTURER'S RECOMENDATIONS OR LOCAL ORDINANCES ARE MORE RESTRICTIVE, THEY SHALL APPLY.
- TYPICAL FASTENER:
- A. STEEL STUDS TO STEEL STUDS OR TRACK: 1. #8-18 X 1/2" TEKS /2 WITH PHIL PAN HEAD FOR 25 GA. OR 20 GA. #10-16 X 9/16" TEKS /3 WITH PHIL PAN HEAD FOR INTERCONNECTION OF 18 GA. OR 16 GA.
- B. STEEL STUDS OR TRACKS TO WOOD PURLINS, GIRDERS &
- 1. #14-10 X 1 1/2" H.W.H. TYPE "S" METAL-TO-WOOD TEKS. C. STEEL STUDS OR TRACKS TO STRUCTURAL STEEL (TUBE STEEL, WIDE FLANGE COLUMNS, BEAMS, GIREDERS, TEC.): 1. TEKS/3 OR TEKS/4 - GAUGE AND LENGTH AS REQUIRED FOR
- COMBINED THICKNESS OF THE FRAMING TO BE DRILLED. D. PLYWOOD TO STEEL STUDS: 1. #10 - 24 X 3/4" TEKS/S (PLYMETAL TEKS) WITH THIN WAFER
- E. GYP. BD. TO STEEL STUDS: 1. #7 X 1 1/4" HI-LO TYPE "S" BUGLE HEAD SCREWS FOR 3/8" TO 5/8" GYP. BD. TO 25 GA. OR 20 GA. STUDS. #6 X 1 1/4" TYPE "S" - 12 BUGLE HEAD SCREWS FOR 3/8" TO 5/8" TO 18 GA. OR
- "ALIGN" MEANS SIMILAR COMPONENTS OF CONSTRUCTION, E.G., WALLS, JAMBS, ETC. SHALL ALIGN ACROSS VOIDS AND JOINTS.

16 GA. STUDS OR TRACKS.

PARTITIONS SHALL BE CONTINOUS OVER DOORS SAME AS ADJACENT WALLS (UNLESS NOTED OTHERWISE) WHERE GYP. BD. CONTINUES ABOVE CEILING LEVEL AND ABOVE THE CEILING LEVEL UP TO THE STRUCTURE ABOVE. ALL GYP. BD. RETURNS SHALL HAVE METAL CORNER BEADS MINIMUM FLOOR-TO-CEILING. ALL PENETRATIONS IN GYP. BD. CONSTRUCTION ABOVE FINISHED CEILING AND AS NOTED ELSEWHERE SHALL BE EFFECTIVELY SEALED TO PREVENT SOUND LEAKAGE AND FIRE STOP CAULKED AT U.L. RATED PARTITIONS. ALL GYP. BD. JOINTS ABOVE FINISHED CEILING SHALL BE "FIRE TAPED". ALL MECHANICAL CHASES AND OTHER NOTED CHASES ARE TO EXTEND UP TO THE UNDERSIDE OF THE DECK STRUCTURE ABOVE. ALL PLUMBING CHASES UNLESS OTHERWISE NOTED SHALL EXTEND ABOVE THE HIGHEST JOINING

- GYP. BD. PARTITION CONTROL JOINTS SHALL BE INSTALLED AT 30'-0" O.C. MIN.
- AT PARTITIONS HIGHER THAN 12'-0" PROVIDE HORIZONTAL LATERAL BRACING WITH 1 1/2" 16 GA. COLD ROLLED CHANNELS @ 8'-0" VERT. ANCHORED TO STUDS.
- ALL TENANT FRAMING SHALL BE METAL STUDS.

CEILING AND BE BRACED TO STRUCTURE.

- 10. PROVIDE PARTITIONS W/ VERTICAL & ANGULAR BRACING @ 48" O.C. MAX. TO DECK / STRUCTURE ABOVE - BRACING SIZE & GAUGE TO BE EQUIVALENT TO STUD.
- 11. TOP & BOTTOM TRACK SIZE & GAUGE TO BE EQUIVALENT TO
- 12. SECURE BOTTOM TRACK TO CONCRETE SLAB WITH MIN. 3/4" LONG POWER- DRIVEN FASTENERS @ 24" O.C.

EXISTING CORE/SLEEVE PROVIDED BY AIRPORT STRUCTURAL POST - SEE FRAMING PLAN (TYP) 

CONCOURSE

CENTERLINE OF

SIDE- FOLDING

GRILLE

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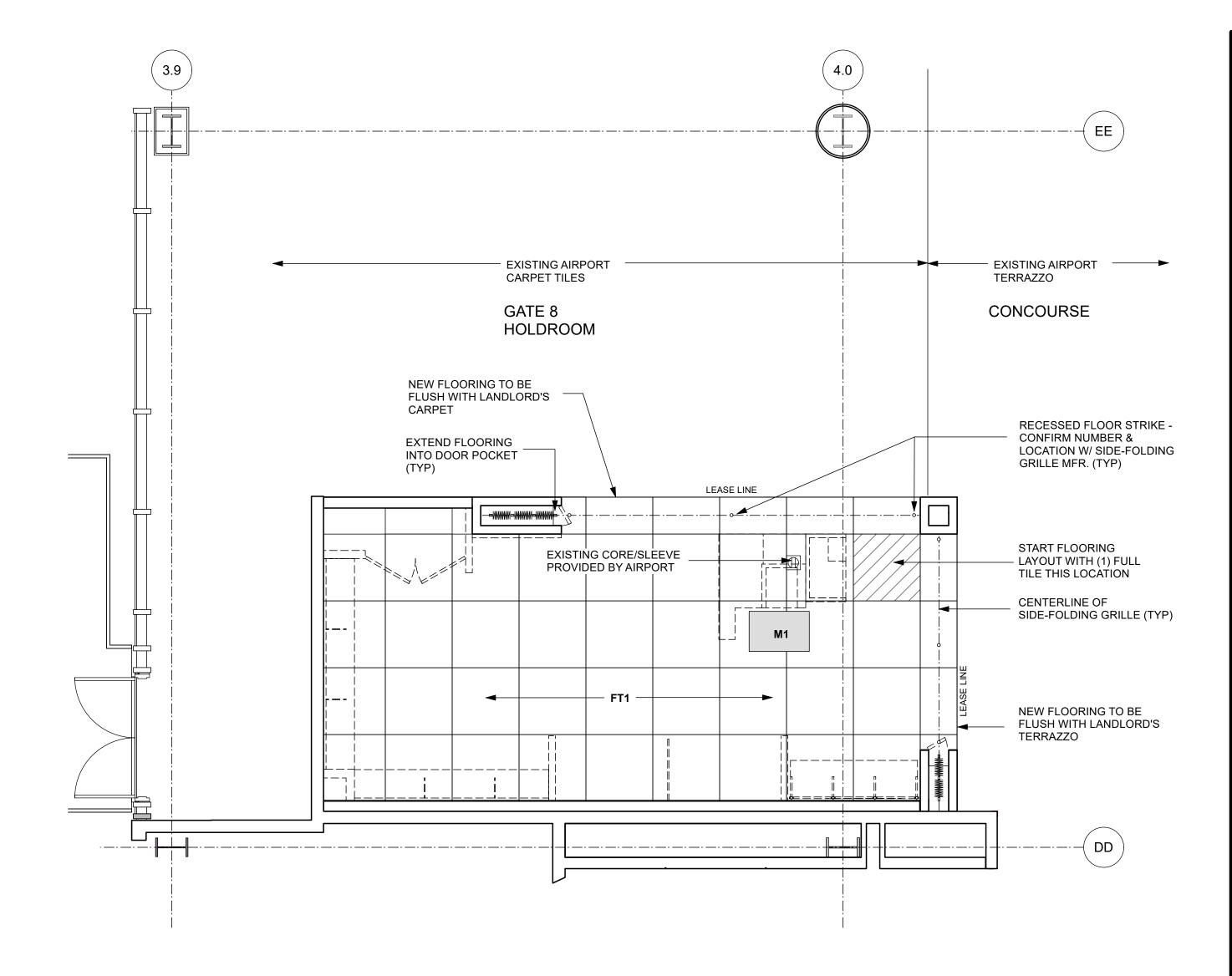
DATE 4-4-25 JOB NUMBER 2501 DUFRY # 824051MYR

CONSTRUCTION PLAN

FIN	NISH SCHE	DULE	
NO.	MATERIAL	MANUFACTURER	REMARKS
WD2	WOOD VENEERED PANEL	WOOD VENEERED FIRE-RETARDENT PANEL WITH MATTE CLEAR COAT. FINISHED PANEL TO MATCH	ALL WORK TO BE AWI PREMIUM GRADE QUALITY.
		'FORMICA' 118-58 "FINNISH OAK".	PROVIDE HARDWOOD TRIM FINISHED TO MATCH VENEERED PANEL AT END CAPS, CORNER TRIM, AND WHERE SHOWN ON DETAILS.
WD3	PAINTED WOOD (WHITE)	QUARTER-SAWN OAK PANEL TO BE PAINT-GRADE AND PRE-SANDED. PAINT WITH 'BENJAMIN MOORE' 2121-70 "CHANTILLY LACE", FLAT FINISH. PAINT TO BE DILUTED OR DRYBRUSHED TO ALLOW WOOD	ALL WOOD BLOCKING USED SHALL BE FIRE-RETARDANT TREATED.
		GRAIN TO SHOW THROUGH.	INTERIOR FINISHED MILLWORK TO BE MIN. CLASS C: FLAME SPREAD OF NO MORE THAN 200 AND A SMOKE DEVELOPE OF NO MORE THAN 450.
WD4	PAINTED WOOD (BLUE)	QUARTER-SAWN OAK PANEL TO BE PAINT-GRADE AND PRE-SANDED. PAINT WITH 'SHERWIN WILLIAMS' SW6487 "CLOUDBURST", FLAT FINISH. PAINT TO BE DILUTED OR DRYBRUSHED TO ALLOW WOOD GRAIN TO SHOW THROUGH.	STOREFRONT FINISHED MILLWORK TO BE MIN. CLASS B: FLAME SPREAD OF NO MORE THAN 75 AND A SMOKE DEVELOPE OF NO MORE THAN 450.
			THE MILLWORK VENDOR SHALL PROVIDE THE DESIGN CONSULTANT WITH ONE (1) FINISHED SAMPLE (MAX. 6" x 6" IN SIZE) OF WD2, WD3, AND WD4 FOR REVIEW AND APPROVAL PRIOR TO FABRICATION. SEND SAMPLES TO:
PL1	PLASTIC LAMINATE (BLACK)	'FORMICA' #909-58 BLACK, MATTE FINISH	JLL / DESIGN SOLUTIONS 121 THURMAN AVE. COLUMBUS, OH 43206
PL2	PLASTIC LAMINATE (WHITE)	'FORMICA' #949-58 WHITE, MATTE FINISH	ATTN: BRADY SCHNEIDER
SL2	SLATWALL	'MEGAWALL SLATWALL SYSTEMS' (800-948-2736) 1" O.C. ALUM. SLATWALL; HIDDEN FASTNERS; 6" HIGH EXTRUSION. POWDER COAT WITH <b>PC2</b> .	
QS1	QUARTZ SLAB	'WILSONART' QUARTZ #Q1012 "LORRAINE", 3cm THICK SLAB	
PC2	POWDER COAT PAINT (WHITE)	'IFS COATINGS' RAL 9016, WHITE, LOW GLOSS, SMOOTH FINISH. APPLY TO 16 GA METAL FOR BASE.	
PC3	POWDER COAT PAINT (TEAL)	'IFS COATINGS' RAL 6034, PASTEL GREEN, SEMI-GLOSS, SMOOTH FINISH, ON 16 GA METAL	PROVIDE METAL CLADDING WITH BENT & RADIUSED CORNERS AND TIGHT ALIGNED FLUSH HAIRLINE BUTT JOINTS AS NOTED/DETAILED. ALL PAINTING SHALL BE SHOP-APPLIED. NO PAINTING ON SITE ALLOWED.
MT1	METAL LAMINATE (BRASS)	'CHEMETAL' 620 "CIVILIZATION ALUMINUM"	PROVIDE METAL CLADDING WITH BENT & RADIUSED CORNERS AND TIGHT ALIGNED FLUSH HAIRLINE BUTT JOINTS.
CL1	ACRYLIC CEILING PANELS	'3FORM' VARIA, SANDSTONE FINISH, 3/16" THICK, CLASS A  CONTACT: SUSAN STUDER, TEL/ 614-327-2936 / 440-248-0000	20 PANELS TOTAL. SEE DETAILS FOR SIZES. COLORS USED TO BE AS FOLLOWS: CL1A, CL1B: R10 BASHFUL CL1C, CL1D: O19 SHRIMP CL1E, CL1F: Y07 COUSCOUS CL1G, CL1H: N10 MELON CL1J, CL1K: N12 NECTAR CL1L, CL1M: N23 OAT CL1N, CL1P: N53 ROCKPORT CL1Q, CL1R: B19 SEAHORSE CL1S, CL1T: B20 BOUYANT CL1U, CL1V: B16 SWAN DIVE
FT1	RUBBER FLOORING	'NORA BY INTERFACE' 'NORAMENT CASTELLO' RUBBER FLOORING, COLOR: 5358 CATHEDRAL, SIZE: 1004mm x 1004mm x 3.5mm THICK (APPROX. 39.53" x 39.53" x 1/4")  CONTACT: CHRISTINA BRAY, TEL/ 614-301-4748	INSTALL PER MANUFACTURER'S INSTRUCTIONS.  THE FLOOR TILE INSTALLATION SHALL BE LEVEL WITH NO MORE THAN 1/16" VARIANCE IN HEIGHT. ALL TRANSITIONS SHALL BE FLUSH AND SMOOTH. THE G.C. SHALL FIELD VERIFY CONDITION OF FLOOR FOR LEVELNESS AND/OR IMPERFECTIONS PRIOR TO START OF WORK.
AC1	ACOUSTICAL CEILING PANELS & GRID	'ARMSTRONG' ACOUSTICAL CEILING SYSTEMS, 24" x 24" x 5/8" ULTIMA #1912, BEVELED TEGULAR, FINE TEXTURE LAY-IN CIELING PANELS, COLOR TO BE WHITE. PROVIDE SUPRAFINE XL 9/16" EXPOSED TEE GRID, COLOR TO BE WHITE.	INSTALL PER MANUFACTURER'S INSTRUCTIONS.
WC1	WALLCOVERING	'GLITTERATI' #2VGL-01 "DIAMONDS ARE FOREVER", TYPE II HIGH DURABILITY WALLCOVER, 100% VINYL, 54" WIDE, CLASS A.  AVAILABLE FROM 'MOMENTUM TEXTILES &	PREPARE SUBSTRATE & INSTALL PER MFR'S INSTRUCTIONS
		WALLCOVERINGS'. CONTACT: DANIELLE CREMEANS, TEL/ 740-334-2512	
WC2	WALLCOVERING	'RESTORATION ELEMENTS' "PLANKS" #MRE-1550-4791, COLOR: WHITE WASH, TYPE II, 100% VINYL, 54" WIDE, CLASS A.  AVAILABLE FROM 'MDC INTERIOR SOLUTIONS'.	INSTALL WITH PLANK DESIGN ORIENTED VERTICALLY USING MFR'S RECOMMENDATIONS FOR INSTALLATION ON PLYWOOD
PT1	PAINT (BLACK)	CONTACT: SUE ETHERIDGE, TEL/ 330-608-2335  'BENJAMIN MOORE' #2132-10 "BLACK"	PREPARE NEW GYP. BD./MDF WITH (1) COAT PRIMER.
	,		NEW & EXISTING AREAS TO RECEIVE (2) COATS (MIN.) PAINT SOFFITS/CEILING: LATEX FLAT FINISH
PT2	PAINT (WHITE)	'BENJAMIN MOORE' #2121-70 "CHANTILLY LACE"	- WALLS: EGGSHELL FINISH - H.M. DOORS & FRAME: SEMI-GLOSS FINISH NO VOC
WB1	RUBBER WALL BASE	'TARKETT' BASEWORKS THERMOSET RUBBER COVE WALL BASE, 6" HIGH, COLOR: 40 BLACK	
M1	ANTI-FATIGUE MAT	REMOVABLE CUSHION MAT, ULINE H-5159, 2' x 3' x 3/4" THICK	
NOTE			

THE G.C. SHALL BE RESPONSIBLE FOR COORDINATING ALL WORK WITH THE MILLWORK INSTALLATION.

ALL SURFACES NOT SCHEDULED, NOTED OR SHOWN TO RECIEVE NEW FINISHES, INCLUDING SPACES OUTSIDE THE CONTRACT LIMITS LINE FOR REQUIRED MECHANICAL, ELECTRICAL AND DATA WORK SHALL BE PATCHED, REPAIRED AND FINISHED TO MATCH ADJACENT LIKE WORK.



### FLOOR MATERIAL PLAN

1/4" = 1'-0"

#### NOTES:

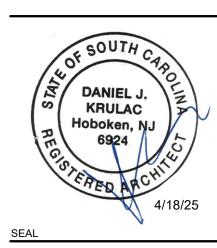
- 1. THE G.C. SHALL PREPARE SLAB SO THAT NEW FLOORING IS FLUSH WITH LANDLORD'S EXISTING TERRAZZO.
- 2. THE G.C. SHALL FURNISH & INSTALL AN ADA-COMLIANT RUBBER TRANSITION BETWEEN NEW FLOORING AND EXISTING HOLD-ROOM CARPET.
- 3. THE G.C. SHALL FURNISH & INSTALL AN 'SCHLUTER' TRANSITION STRIP, SATIN ANODIZED ALUMINUM FINISH, BETWEEN NEW FLOORING AND LANDLORD'S EXISTING TERRAZZO

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CONCOURSE A MYRTLE BEACH INTERNATIONAL AIRPORT MYRTLE BEACH, SOUTH CAROLINA

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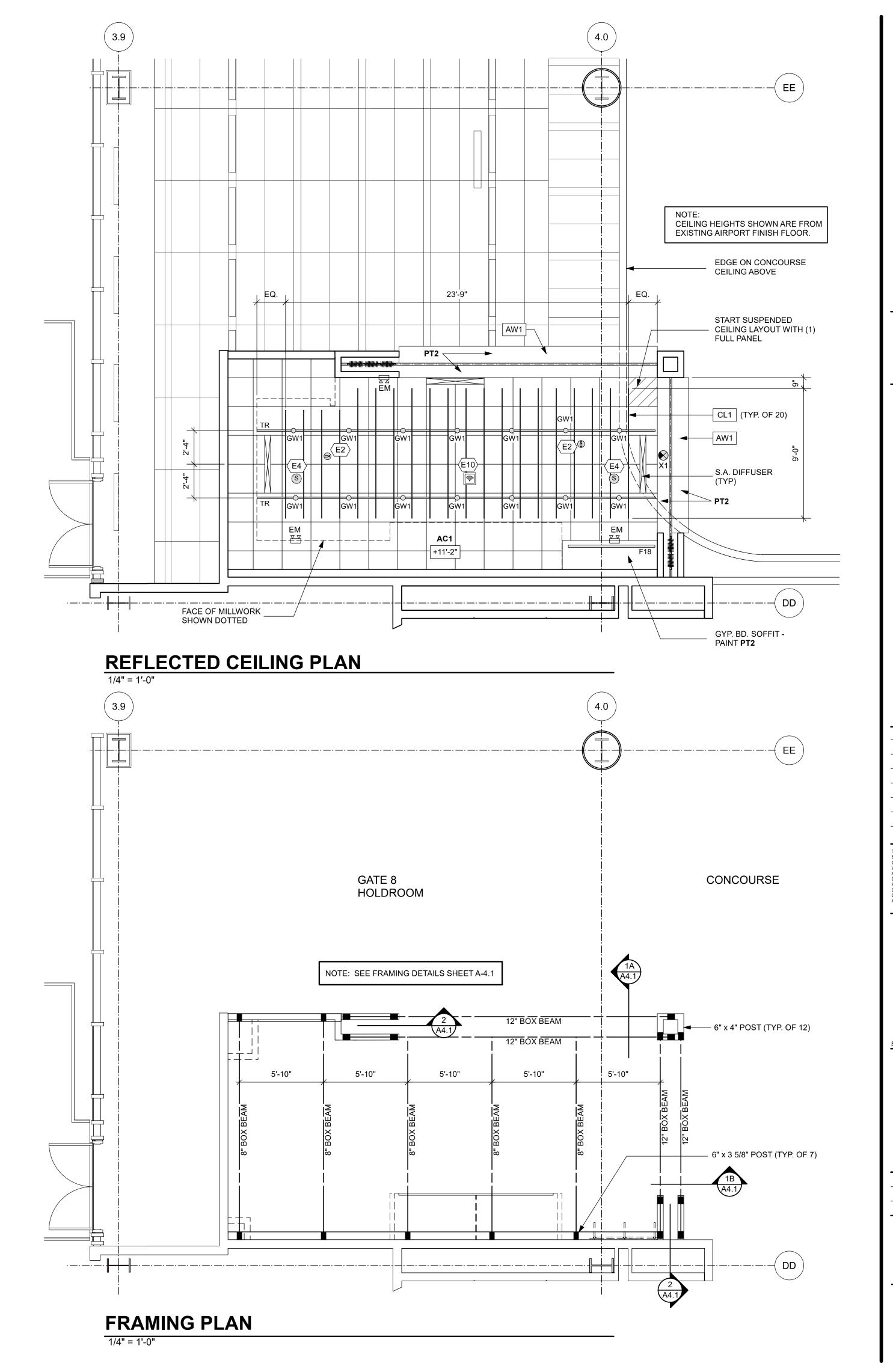


DATE 4-4-25 JOB NUMBER 2501 DUFRY # 824051MYR

> FLOOR MATERIAL PLAN FINISH SCHEDULE

### **CEILING NOTES**

- 1. COORDINATION:
- THE G.C. SHALL BE RESPONSIBLE FOR COORDINATING & LOCATING ALL CEILING-MOUNTED ITEMS (HVAC LOUVERS/GRILLES, LIGHTS, CAMERAS, DIFFUSERS, FIRE PROTECTION, SPEAKERS, ETC.) ACCORDING TO THE ARCHITECTURAL CEILING PLAN. PLACEMENT OF ITEMS THAT DO NOT FOLLOW THE ARCHITECTURAL CEILING PLAN WILL NOT BE ACCEPTED AND THE RE-WORK AS REQUESTED BY THE OWNER AND /OR THE ARCHITECT SHALL BE THE RESPONSIBILITY OF THE G.C. OR ITS SUB-TRADES. ANY ITEMS THAT CANNOT BE LOCATED AS SHOWN DUE TO FIELD CONDITIONS DISCOVERED DURING THE CONSTRUCTION PHASE SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE OWNER & ARCHITECT SO THAT ALTERNATIVE LOCATIONS OF ITEMS CAN BE DETERMINED.
- LANDLORD CEILING
- ALL EXISTING AIRPORT / HOLDROOM CEILINGS, SOFFITS, DIFFUSERS, LIGHTING, DEVICES, ETC TO REMAIN UNLESS SHOWN /NOTED OTHERWISE. ANY AREAS DAMAGED DURING CONSTRUCTION SHALL BE REPAIRED / REPLACED TO MATCH EXISTING BY THE G.C. THE G.C. SHALL COORDINATE ALL WORK TIMES WITH THE LANDLORD. THE EXISTING LIFE SAFETY SYSTEMS (SMOKE DETECTORS, FIRE ALARMS) SHALL REMAIN OPERATIONAL THROUGHOUT CONSTRUCTION.
- 3. SEE LIGHTING PLAN ON SHEET E1.0 FOR LIGHT FIXTURE SCHEDULE.
- 4. THE G.C. SHALL COORDINATE WITH THE AIRPORT / AIRPORT'S CONTRACTOR REGARDING PORTION OF AIRPORT CONCOURSE CEILING ABOVE TENANT SPACE



ELJKRULA(

St 63rd Street, #8C rk, New York 10065

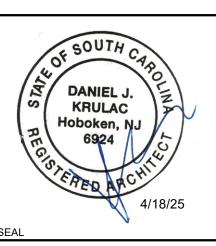
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JOB NUMBER 2501

DUFRY # 824051MYR

REFLECTED CEILING PLAN FRAMING PLAN

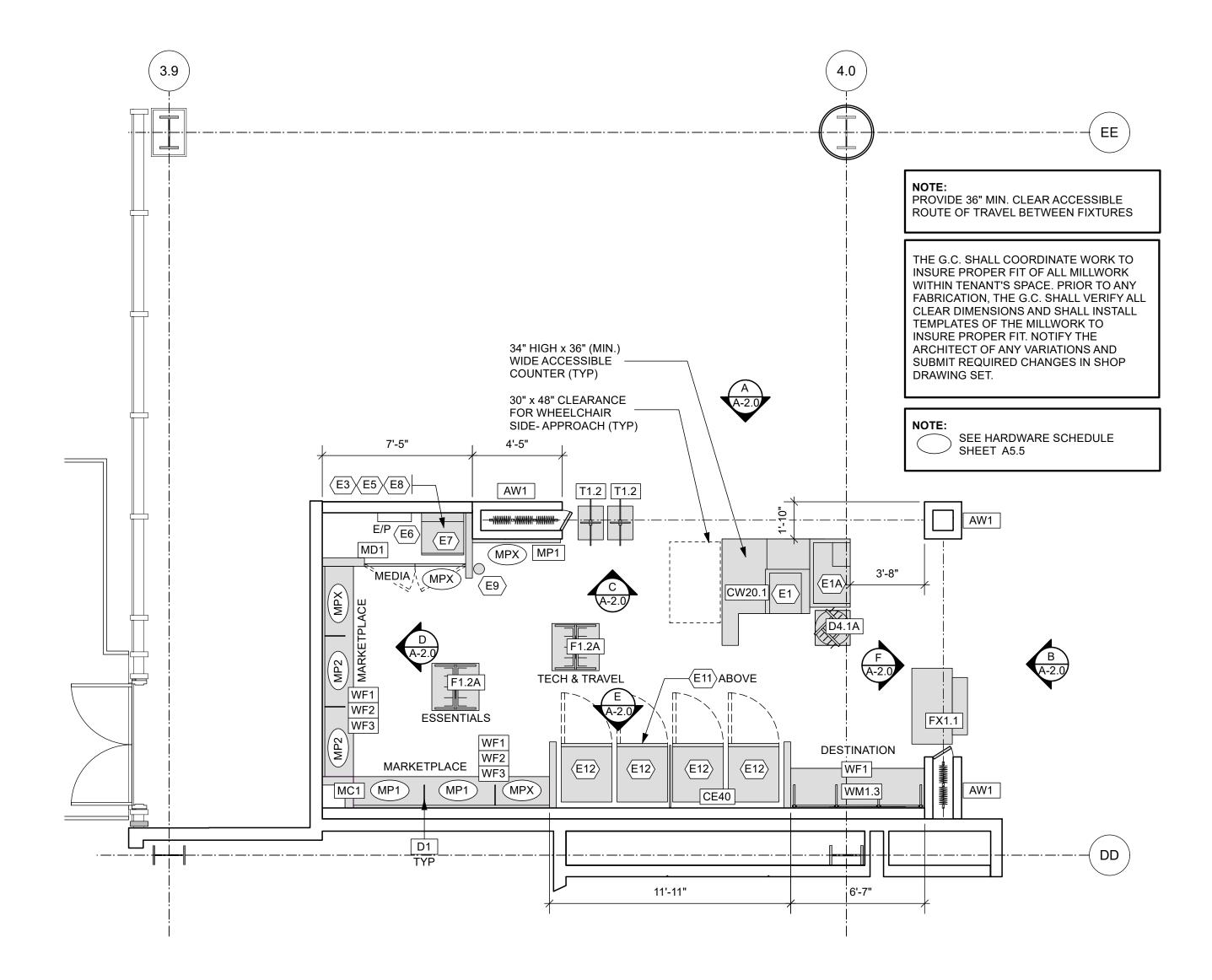
A-1.3

NO.	ITEM	SUPPLIED / INSTALLED	DETAIL SHEET	QUANTITY	REMARKS
AW1	STOREFRONT WALL PANELS & SOFFIT	CS /CI	A-4.0	PER PLAN	KEMAKKO
MP1	MEGAWALL PANEL	CS /CI	A-5.0	1	COORDINATE WITH STOREFRONT DETAILS
CE40	4 UNIT COOLER ENCLOSURE	CS /CI	A-5.0	1	
W20.1	CASHWRAP - 1 SCO + 1 POS	CS /CI	A-5.1	1	OWNER'S MILLWORKER SHALL COORDINATE POWER / DATA WITH THE G.C. SEE PLAN FOR OPPOSITE HAND UNIT.
MC1	MILLWORK CORNER FILLER	CS /CI	A-5.2	2	
MD1	MILLWORK IT CLOSET	CS /CI	A-5.2	1	
D1	MERCHANDISE DIVIDER	CS /CI	A-5.3	4	
04.1A	KEYCHAIN SPINNER	OS /CI	A-5.5	1	PROVIDE (2) LOCKING CASTERS AND (2) NON-LOCKING CASTERS
FX1.1	DESTINATION TABLE (1 TABLE)	CS /CI	A-5.4	1	
=1.2A	TWO-WAY	OS /CI	A-5.5	2	
VM1.3	WALL MODULE (3 MODULES)	OS /CI	A-5.4	1	
T1.2	T-STAND (FACE-OUTS & HAT SHELVES)	OS /CI	A-5.5	2	
WF1	WALL FIXTURE BASE DECK	CS /CI	A-5.3	PER PLAN	
WF2	WALL FIXTURE UPPER CABINET	CS /CI	A-5.3	PER PLAN	OMS SHALL SUPPLY LED LIGHTING <b>ML1</b> - SEE LIGHTING PLAN SHEET E1.0
WF3	WALL FIXTURE MEGAWALL PANEL	CS /CI	A-5.3	PER PLAN	
CL1	CEILING BAFFLES	CS /CI	A-5.6		COORDINATE WITH REFLECTED CEILING PLAN

SEE PLAN & SCHEDULE FOR HARDWARE TO BE PROVIDED. THE G.C. SHALL SUPPLY ALL HARDWARE, U.O.N.

#### NOTES:

- 1 FOR ALL CS/CI (CONTRACTOR-SUPPLIED/CONTRACTOR-INSTALLED) & OS/CI (OWNER-SUPPLIED/CONTRACTOR-INSTALLED)
- THE OWNER'S MILLWORKER SHALL BE RESPONSIBLE FOR FURNISHING & TRANSPORTING ALL FIXTURES TO THE AIRPORT. THE MILLWORKER SHALL PROVIDE A QUALIFIED REPRESENTATIVE ON SITE FOR **FIVE (5) DAYS (MAX.)** TO SUPERVISE THE G.C.'S MILLWORK INSTALLERS. THE G.C. SHALL BE RESPONSIBLE FOR THE FOLLOWING:
- A. ESCORTING THE MILLWORK REPRESENTATIVE FOR THE MILLWORKER'S FIELD DIMENSIONS SURVEY
- B. ARRANGING & SECURING THE MILLWORKER'S DELIVERY VEHICLES ENTRY ONTO THE AIRPORT PROPERTY
- C. ARRANGING & SECURING THE AIRPORT-APPROVED DELIVERY ROUTES ON THE AIRPORT PROPERTY & TIMES OF DELIVERY,D. ESCORTING THE MILLWORKER'S DELIVERY VEHICLES ONTO THE AIRPORT PROPERTY,
- E. ARRANGING & SECURING AIRPORT-APPROVED VEHICLE PARKING AND UNLOADING AREAS,
   F. UNLOADING AND UNCRATEING ITEMS, INSPECTING FOR COMPLETENESS OR DAMAGE, AND HANDLING/STORING ITEMS UNTIL TIME OF INSTALLATION.
- G. VERIFYING THAT MILLWORK IS NOT DAMAGED UPON DELIVERY & NOTIFYING THE MILLWORKER OF ANY DAMAGE. ANY ITEMS DAMAGED AFTER RECEIPT SHALL BE REPAIRED OR REPLACED BY THE G.C.
   H. TRANSPORTING ALL ITEMS TO THE JOB LOCATION, ARRANGING & SECURING AIRPORT-APPROVED DELIVERY ROUTES
- THROUGH THE AIRPORT, INCLUDING ALL STAIRS & ELEVATORS TO BE USED
- INSTALLING ALL MILLWORKER-SUPPLIED TEMPLATES, INSTALLING ALL MILLWORK
   ESCORTING THE MILLWORK REPRESENTATIVE TO SUPERVISE THE G.C.'S INSTALLATION
- 2. THE G.C. SHALL INSTALL ITEMS PER MANUFACTURER'S AND OWNER'S INSTRUCTIONS
- 3. THE G.C. SHALL FURNISH & INSTALL SUBSTRATE (METAL STUDS, GYP. BD., FIRE-RESISTANT (FR) WOOD BLOCKING, ETC.) AS NECESSARY FOR ATTACHMENT OF OWNER-SUPPLIED AND OWNER'S MILLWORKER-SUPPLIED ITEMS.
- 4. THE G.C. SHALL VERIFY & COORDINATE ALL POWER REQUIREMENTS WITH THE MANUFACTURER'S/SUPPLIER'S SPECIFICATIONS AND INSTRUCTIONS FOR THE ITEM TO BE INSTALLED PRIOR TO START OF CONSTRUCTION.
- 5. THE G.C. SHALL COORDINATE & SCHEDULE THE TIME OF DELIVERIES WITH THE OWNER'S MILLWORKER & LANDLORD.
- 6. ALL MILLWORK FIXTURES WITH PRE-INSTALLED LIGHTING / POWER MUST HAVE UL LABELS. REFER TO LIGHTING SCHEDULE FOR MILLWORKER-SUPPLIED LIGHTING.
- 7. THE MILLWORK VENDOR SHALL PROVIDE THE ARCHITECT WITH A COMPLETE SET OF SHOP DRAWINGS FOR REVIEW AND APPROVAL PRIOR TO FABRICATION.
- 8. ALL PRE-WIRED CABINETRY, MILLWORK, FIXTURE, ETC. MUST HAVE U.L. CERTIFICATION, OTHERWISE ADDITIONAL ELECTRICAL INSPECTIONS WILL BE REQUIRED.



## FIXTURE / MILLWORK / EQUIPMENT PLAN

1/4" = 1'-0"

#### **EQUIPMENT SCHEDULE** ELECTRICAL FURNISHED / NO. TAG **NOTES** REMARKS INSTALLED FOR ALL OS/CI (OWNER-SUPPLIED/CONTRACTOR-INSTALLED) & OS/OI (OWNER-SUPPLIED/OWNER-INSTALLED) ITEMS: THE OWNER / OWNER'S VENDOR SHALL FURNISH & TRANSPORT ALL E1 CR CASH REGISTER /POS EQUIPMENT OS / OI SEE NOTE #5 ITEMS TO THE G.C. THE G.C. SHALL COORDINATE THE DELIVERY TIMES AND LOCATIONS WITH THE OWNER/OWNER'S VENDOR. THE G.C. SHALL BE RESPONSIBLE FOR THE FOLLOWING: E1A CR | SELF CHECK-OUT POS A. ARRANGING & SECURING THE OWNER/OWNER'S VENDOR DELIVERY VEHICLES ENTRY ONTO THE AIRPORT PROPERTY ARRANGING & SECURING THE AIRPORT-APPROVED DELIVERY ROUTES ON THE AIRPORT PROPERTY & TIMES OF DELIVERY, OS / OI | SEE NOTE #4. ESCORTING THE OWNER/OWNER'S VENDOR DELIVERY VEHICLES ONTO THE AIRPORT PROPERTY, 120V E2 SC1 360 SECURITY CAMERA CAMERAS TO BE WHITE ON WHITE CEILING. ARRANGING & SECURING AIRPORT-APPROVED VEHICLE PARKING AND UNLOADING AREAS, UNLOADING AND UNCRATING ITEMS, INSPECTING FOR COMPLETENESS OR DAMAGE, AND HANDLING/STORING ITEMS UNTIL TIME OF INSTALLATION. VERIFYING THAT ITEMS RECEIVED ARE NOT DAMAGED UPON DELIVERY & NOTIFYING THE OWNER/OWNER'S VENDOR OF ANY DAMAGE. ANY ITEMS DAMAGED AFTER RECEIPT SHALL 120V SECURITY SYSTEM EQUIPMENT OS / OI SEE NOTE #4 BE REPAIRED OR REPLACED BY THE G.C. G. TRANSPORTING ALL ITEMS TO THE JOB LOCATION, ARRANGING & SECURING AIRPORT-APPROVED DELIVERY ROUTES THROUGH THE AIRPORT, INCLUDING ALL STAIRS & ELEVATORS ′E4 > AV4 CEILING SPEAKERS - "JBL" 120V CS / CI | SEE NOTE #6 TO BE USED PROFESSIONAL SERIES / CONTROL H. FOR ALL OS/CI: INSTALLING ALL ITEMS 24C/CT MICRO / 4.2"H x 7.7"DIA., COLOR TO J. FOR ALL OS/OI: SECURING & STORING ITEMS TO BE INSTALLED BY THE OWNER/OWNER'S VENDOR. THE G.C. SHALL COORDINATE STORAGE LOCATIONS WITH THE BE 'BLACK' OWNER/OWNER'S VENDOR. MOOD MUSIC SYSTEM 120V OS / OI SEE NOTE #3 K. ESCORTING OWNER'S VENDOR INSTALLATION TEAMS THE G.C. SHALL VERIFY ALL POWER REQUIREMENTS WITH THE MANUFACTURER'S SPECIFICATIONS/INSTRUCTIONS FOR THE EQUIPMENT TO BE INSTALLED PRIOR TO START OF OS / OI SEE NOTE #11 EMPLOYEE TIME CLOCK 120V CONSTRUCTION. THE G.C. SHALL COORDINATE THE EXACT LOCATION AND SIZE OF EACH PIECE OF EQUIPMENT AND THE REQUIRED INSTALLATION CONNECTIONS WITH THE OWNER/OWNER'S VENDOR PRIOR TO INSTALLATION. THE G.C. SHALL VERIFY THAT THE POWER AND COMMUNICATIONS REQUIREMENTS SHOWN ON THE ELECTRICAL DRAWINGS REFLECT IT CABINET - 'PANDUIT' PANZONE 18RU G.C TO SUPPLY & INSTALL BACKBOARD FOR THE REQUIREMENTS OF THE ITEMS BEING INSTALLED. HINGED WALL-MOUNT, PZWMC18P CABINET THE OWNER'S LOW-VOLTAGE SERVICE VENDOR SHALL SUPPLY & INSTALL THE FOLLOWING UNLESS OTHERWISE NOTED: CS / CI PATCH PANEL - "LEVITON" 5G596-U24 120V A. MOOD MUSIC SYSTEM B. CISCO WIFI - THE G.C. SHALL SUPPLY & INSTALL (1) CAT5E/6 CABLE FROM THE ACCESS POINT TO THE IT CABINET CS / CI MOUNT WHERE SHOWN OR AS DIRECTED BY C. VOICE & DATA 'LARSEN'S MANUFACTURING' MULTI-PURPOSE DRY CHEMICAL MP10 FIRE FIRE MARSHALL THE SECURITY SYSTEM EQUIPMENT SHALL BE INSTALLED BY THE OWNER'S LOW-VOLTAGE SERVICE VENDOR - THE G.C. SHALL SUPPLY & INSTALL THE CAMERA WIRE (RG59 SIAMESE CABLE EXTINGUISHER WITH 1007 STANDARD OR SIMILAR), CONDUIT, J-BOXES, AND TERMINATIONS. THE G.C. SHALL CONFIRM AND COORDINATE WITH HUDSON LOSS PREVENTION FOR EXACT TYPES OF CABLE, J-BOXES, ETC. TO BE WALL-MOUNT BRACKET USED. CONTACT: JERRY THOMAS 1 704 507-2921 WI1 CISCO WIFI ACCESS POINT INCLUDING SEE NOTE #3 120V OS / OI OS / CI POWER SOURCE, BLACK COVER THE OWNER'S LOW-VOLTAGE SERVICE VENDOR SHALL COMPLETE ALL LOW-VOLTAGE TERMINATIONS. FOR EACH POS LOCATION, THE G.C. SHALL SUPPLY & INSTALL (1) QUAD RECEPTACLE AND (3) CAT5E/6 CABLE RUNS TO THE IT CABINET. 33-AP-CVR E11 DS1 LED DIGITAL DISPLAY (ABOVE COOLERS) 120V SEE NOTE #8. OS / OI THE SPEAKERS SHALL BE FURNISHED & INSTALLED BY THE G.C.. THE G.C. SHALL SUPPLY & INSTALL THE SPEAKER WIRE, CONDUIT, AND TERMINATIONS. WIRE TO BE 14 GUAGE W/ PARALLEL CONNECTIONS. PROVIDE 4' WHIP AT IT CABINET. =12\| AP1.30 | 30" COOLER - "IMBERA" VR27 CZ, 115V, 3.1A, CS / CI LINE POWER FOR LOW-VOLTAGE ELECTRONIC DEVICES CANNOT BE SHARED WITH NON-LOW-VOLTAGE DEVICES. PLUG PC-731 30"W x 34 3/5"D x 78 3/4"H THE OWNER'S AV SERVICE VENDOR (COMQI) SHALL SUPPLY & INSTALL THE AUDIO-VISUAL EQUIPMENT. THE G.C. SHALL SUPPLY & INSTALL (1) CAT5E/6 CABLE RUN FROM LED DISPLAY TO THE IT CABINET. THE G.C. SHALL OBTAIN MOUNTING BRACKETS FROM VENDOR AND INSTALL. THE G.C. SHALL COORDINATE POWER / DATA REQUIREMENTS & OUTLET LOCATIONS WITH THE ALL IT (DATA/TEL/CAMERA/SPEAKER) CABLING & TERMINATIONS SHALL BE SUPPLIED & INSTALLED BY THE G.C. DATA CABLES SHALL BE TERMINATED, TESTED, AND LABELED. IO. FOR ALL G.C. SUPPLIED & INSTALLED CABLES, PROVIDE 8' LOOP AT EACH END AND ALL SPLITTERS AS NEEDED, U.O.N. 11. THE G.C. SHALL SUPPLY & INSTALL (1) CAT5E/6 CABLE & (1) DUPLEX RECEPTACLE FOR THE EMPLOYEE TIME CLOCK. COORDINATE LOCATION WITH OWNER'S REP.

ELJKRULA hitect

A R C H
405 East 63rd Stree
New York, New York

(I)) Avolta
HMSHost | Hudson | Dufry

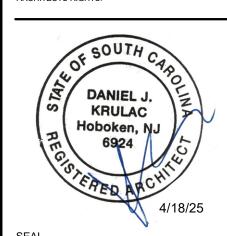
CONCOURSE A

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MYRTLE BEACH, SOUTH CAROLINA

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2

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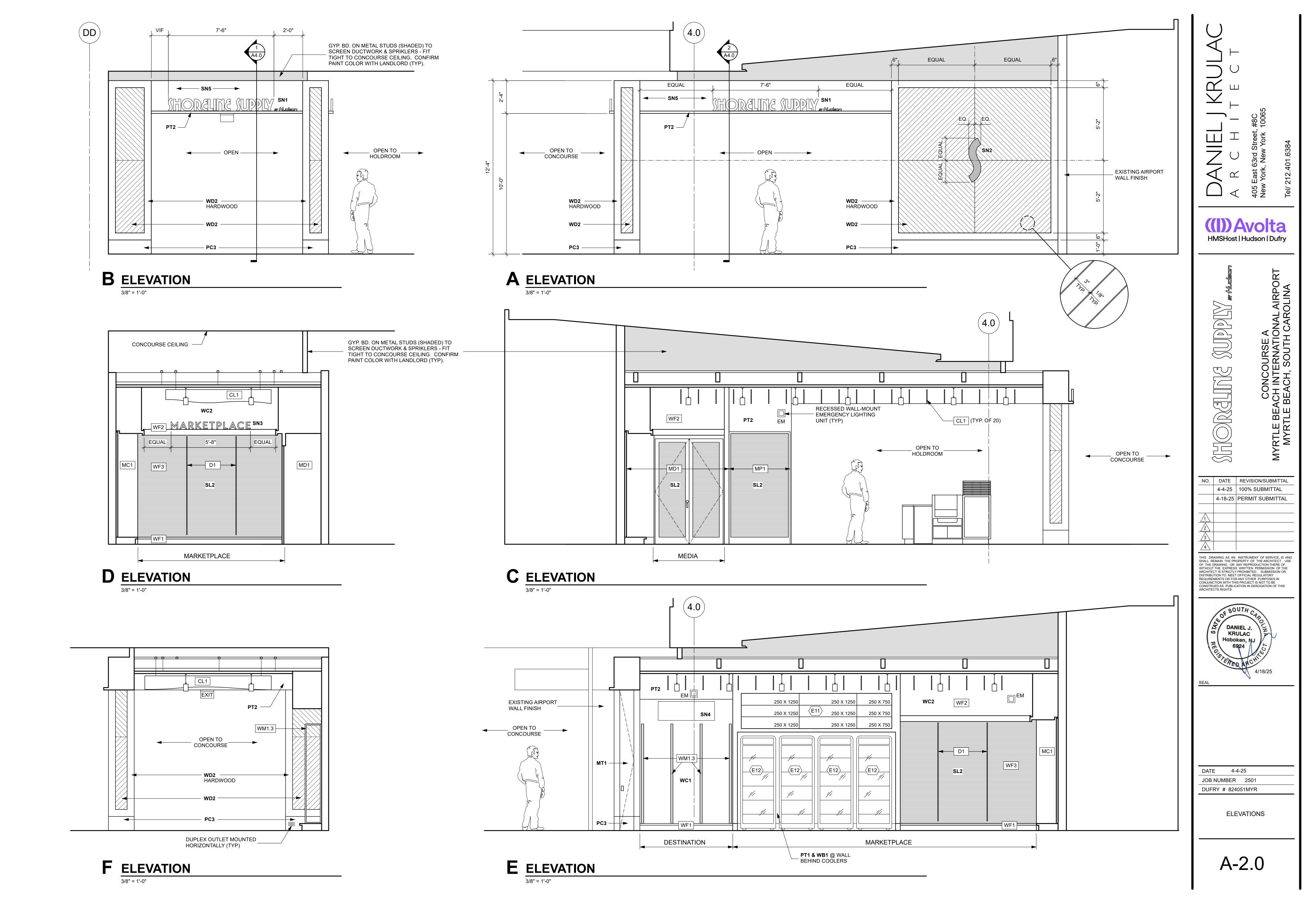
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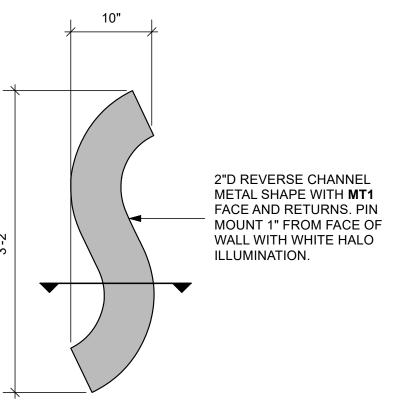
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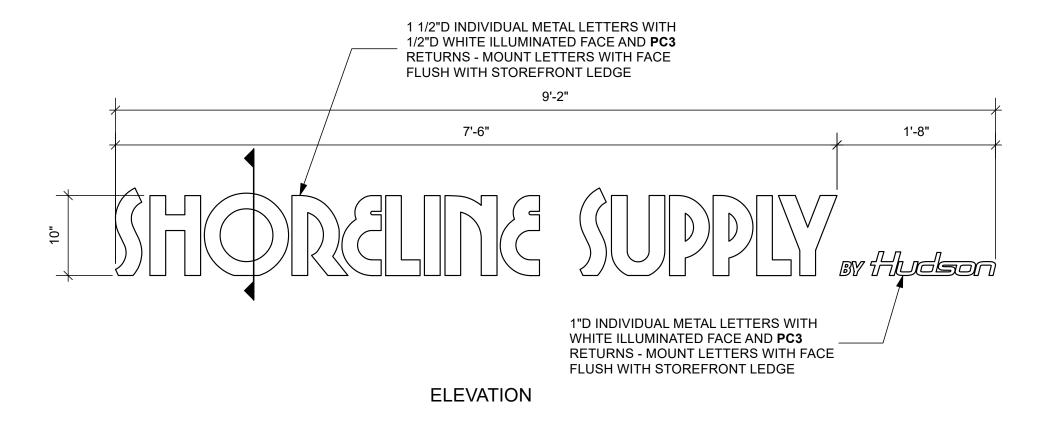
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FIXTURE / MILLWORK / EQUIPMENT PLAN

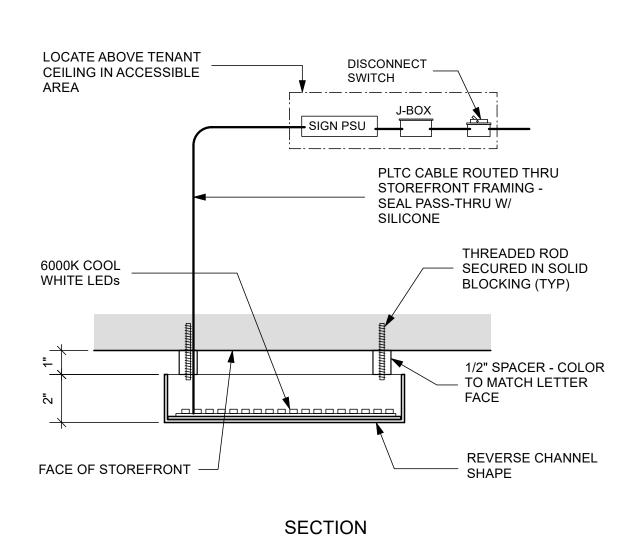
A-1.4











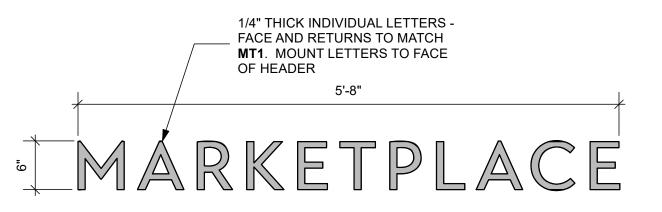
DISCONNECT SWITCH **SN5** MOUNTED TO FACE OF STOREFRONT → SIGN PSU ↓ LOCATE ABOVE TENANT CEILING IN ACCESSIBLE 1 1/2" THICK INDIVIDUAL ILLUMINATED LETTERS PLTC CABLE ROUTED THRU STOREFRONT FRAMING -TO HAVE WHITE ACRYLIC FACE AND SEAL PASS-THRU W/ METAL RETURNS SILICONE PAINTED PC3 6000K COOL WHITE LEDs SECURE LETTERS INTO STOREFRONT SOLID BLOCKING LEDGE SECTION

STOREFRONT LOGO

1" = 1'-0" / 3" = 1'-0"

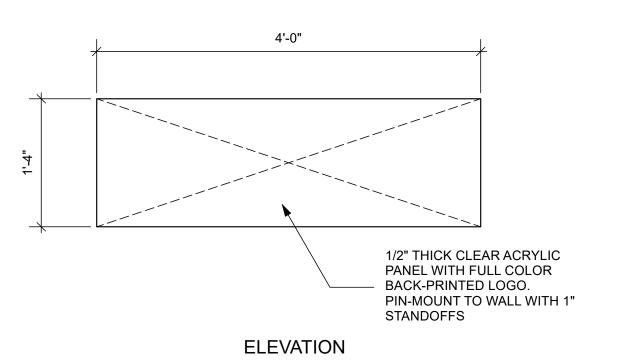
SN1 STOREFRONT SIGN

1" = 1'-0" / 3" = 1'-0"



**ELEVATION** 

SN3 **CATEGORY SIGN** 1" = 1'-0"



**BRAND LOGO** 1" = 1'-0"

SIC	SN SCHEDU	ILE		
TAG#	SIGN TYPE	DESCRIPTION	SUPPLIED / INSTALLED	REMARKS
SN1	STOREFRONT SIGN	INDIVIDUAL LETTERS WITH ILLUMINATED FACES AND METAL RETURNS, WITH POWER SUPPLY UNIT. LEDs TO BE 6500K COOL WHITE.	SVS / SVI	SEE NOTES BELOW. SEE DETAILS THIS SHEET
SN2	STOREFRONT LOGO	REVERSE CHANNEL METAL SHAPE WITH HALO ILLUMINATION, WITH POWER SUPPLY UNIT. LEDS TO BE 6500K COOL WHITE.	SVS / SVI	SEE NOTES BELOW. SEE DETAILS THIS SHEET
SN3	CATEGORY SIGN	INDIVIDUAL LETTERS, NON-ILLUMINATED	SVS / SVI	SEE NOTES BELOW. SEE DETAILS THIS SHEET
SN4	BRAND LOGO	FULL COLOR LOGO BACK-PRINTED ON CLEAR ACRYLIC	SVS / SVI	SEE NOTES BELOW. SEE DETAILS THIS SHEET
SN5	GRAPHIC	CUSTOM GRAPHIC ON DREAMSCAPE SUEDE SUBSTRATE	SVS / SVI	MOUNT SUBSTRATE TO FACE OF STOREFRONT AS SHOWN

#### NOTES:

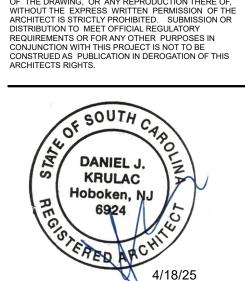
- FOR ALL SVS/CI (SIGN VENDOR-SUPPLIED/CONTRACTOR-INSTALLED), SVS/SVI (SIGN VENDOR-SUPPLIED / SIGN VENDOR-INSTALLED), AND OMS/CI (OWNER'S MILLWORKER-SUPPLIED / CONTRACTOR-THE OWNER'S VENDOR SHALL FURNISH & TRANSPORT ALL ITEMS TO THE G.C. THE G.C. SHALL COORDINATE THE DELIVERY TIMES, INSTALLATION, ESCORTING AND SUPERVISION OF THE SIGN VENDOR'S INSTALLERS.
- SIGNAGE SHALL BE FABRICATED & INSTALLED BY AVOLTA-APPROVED SIGN VENDORS ONLY. NO OTHER SIGNAGE COMPANIES WILL BE ACCEPTED.
- COMPLETE SHOP DRAWINGS OF ALL SIGNAGE (SHOWING SHAPE, SIZE, LOCATION, COLOR, AND METHODS OF FABRICATION, INSTALLATION, AND CONSTRUCTION) TO BE SUBMITTED TO ARCHITECT, OWNER, AND AIRPORT FOR REVIEW AND APPROVAL PRIOR TO ANY FABRICATION/INSTALLATION.
- PLASTICS SHALL BE LIGHT-TRANSMITTING AND SHALL HAVE A SELF-IGNITION TEMPERATURE OF 650°F OR GREATER WHEN TESTED IN ACCORDANCE WITH ASTM D 1929, AND A FLAME SPREAD INDEX NOT GREATER THAN 450 WHEN TESTED IN THE MANNER INTENDED FOR USE IN ACCORDANCE WITH ASTM E
- 5. ALL GYP. BD. TO RECEIVE VINYL MURALS SHALL HAVE A 'LEVEL 5' FINISH.
- 6. THE G.C. SHALL FURNISH & INSTALL F.R. WOOD BLOCKING AND ELECTRICAL J-BOXES AS NECESSARY FOR FINAL ATTACHMENT / CONNECTION OF SIGNAGE
- 7. ALL SIGNS AND MURALS SHALL BE COORDINATED WITH AVOLTA REP. FOR SIZE, TYPE, COLOR AND FINISH PRIOR TO FABRICATION.
- 8. THE SIGN VENDOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED SIGN PERMITS AND APPROVALS.
- 9. THE SIGN VENDOR IS RESPONSIBLE FOR OBTAINING ALL GRAPHICS & ARTWORK FROM OWNER.
- 10. THE SIGN VENDOR IS RESPONSIBLE FOR COORDINATING ALL WORK WITH THE G.C.
- 11. ALL FASTENERS, WIRING, & POWER SUPPLY UNITS SHALL BE CONCEALED FROM PUBLIC VIEW.
- 12. ACRYLIC SIGNS SHALL COMPLY WITH INTERIOR FINISH OF NFPA 415: 4.1.2 AND BE NOT LESS THAN CLASS 'B'.
- 13. ALL ELECTRIC SIGNS MUST COMPLY WITH THE PROVISIONS OF THE NATIONAL ELECTRIC CODE ARTICLE 600 AND UNDERWRITERS LABORATORIES INC. (UL) 48 STANDARD FOR ELECTRIC SIGNS.
- 14. PROVIDE MEANS OF DISCONNECT CONFORMING TO NEC 600.6 FOR ALL ILLUMINATED SIGNS.
- 15. ALL SIGNAGE, MONITOR, DRIVERS, DISCONNECTS, JB'S, ETC. SHALL BE PROVIDED WITH ACCESSIBLITY AND MEET REQUIREMENTS PER NEC 410.24 & 600.6

HMSHost | Hudson | Dufry

BEA TLE E

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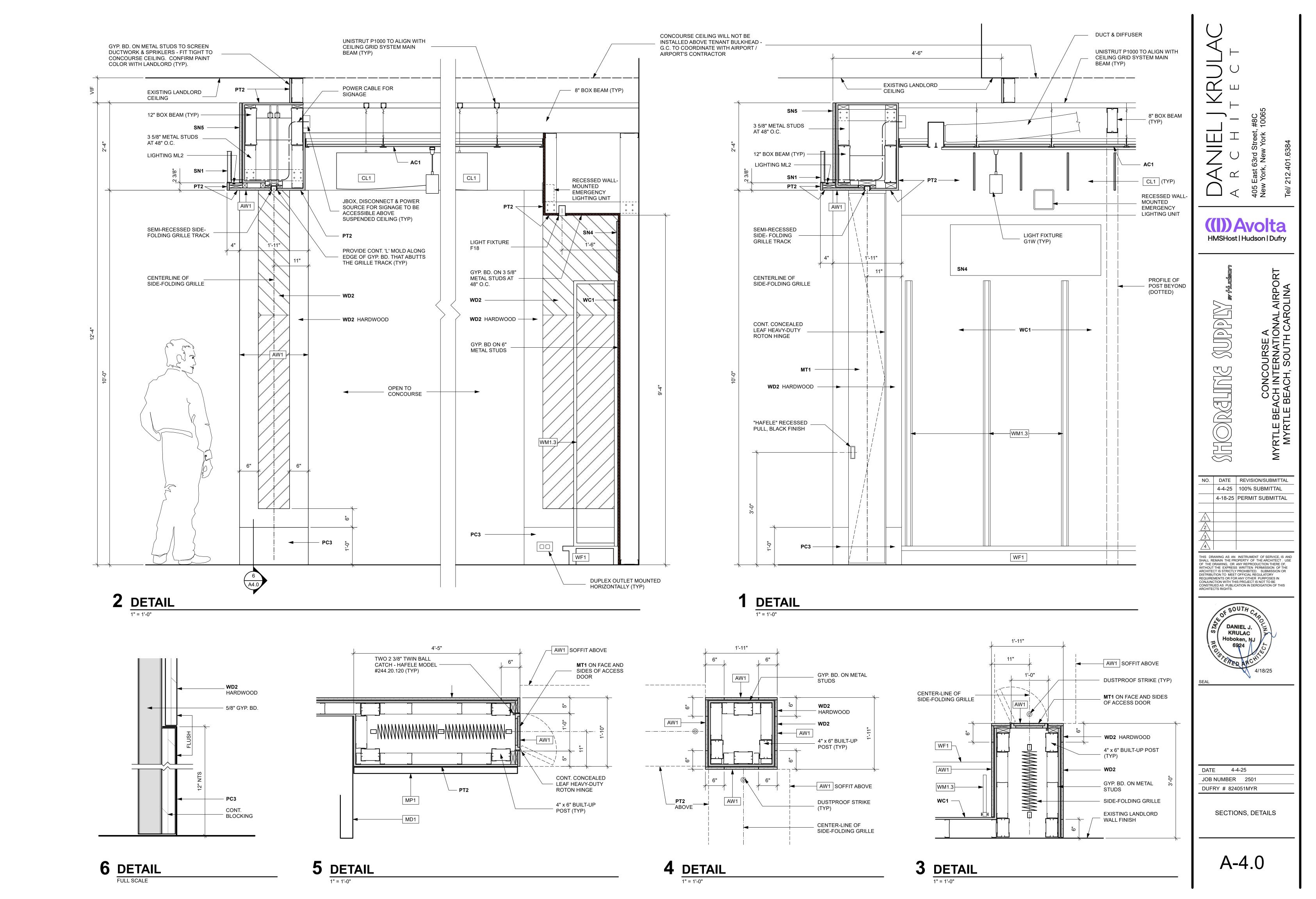
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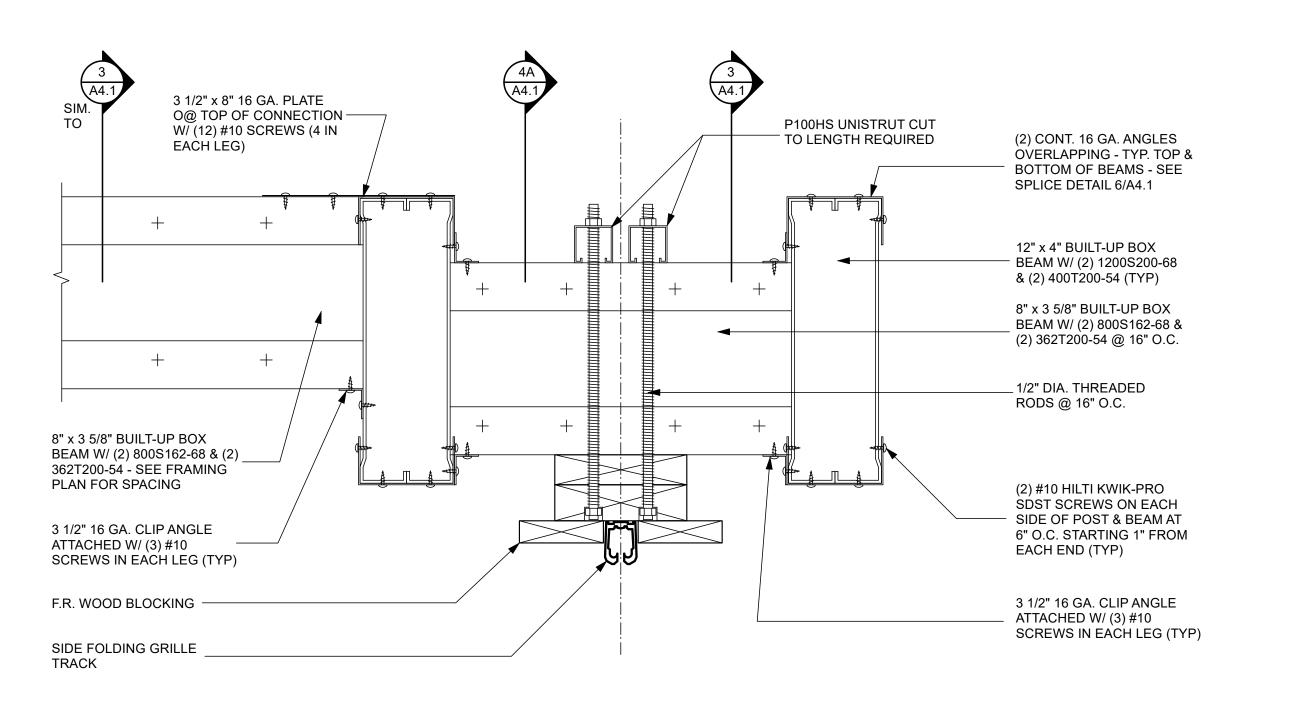


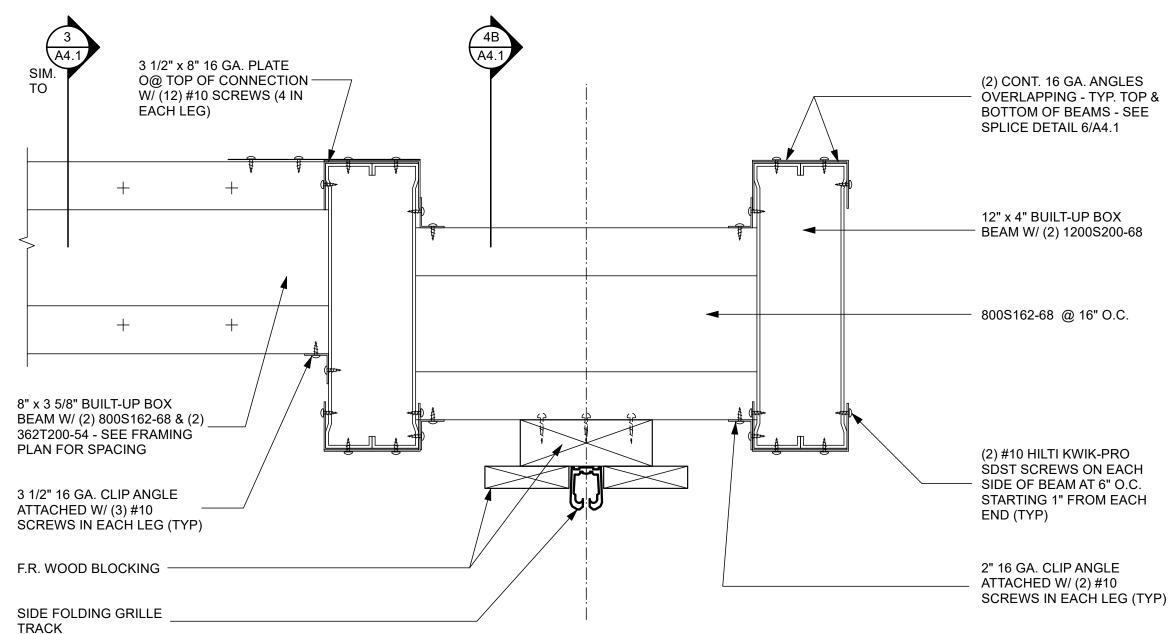
DATE 4-4-25 JOB NUMBER 2501 DUFRY # 824051MYR

> SIGN SCHEDULE & DETAILS

A-3.0







1A DETAIL

SPLICE @ TOP

ANGLES

3" = 1'-0"

SIDE-FOLDING GRILLE HEADER

1B DETAIL

3" = 1'-0"

SIDE-FOLDING GRILLE HEADER

8"

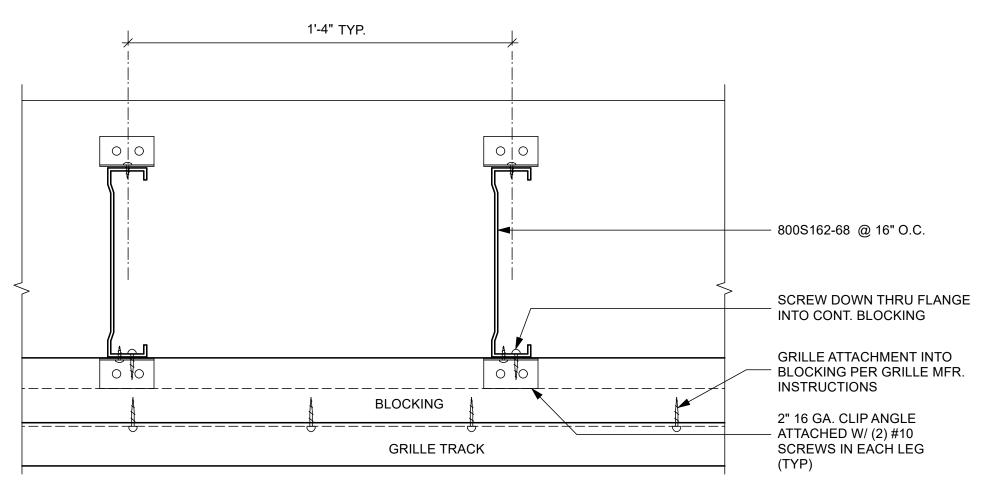
(2) #10 HILTI KWIK-PRO
SDST SCREWS ON EACH
SIDE OF POST & BEAM AT
6" O.C. STARTING 1" FROM
EACH END (TYP)

P100HS UNISTRUT CUT
TO LENGTH REQUIRED

1/2" DIA. THREADED ROD
@ 16" O.C.

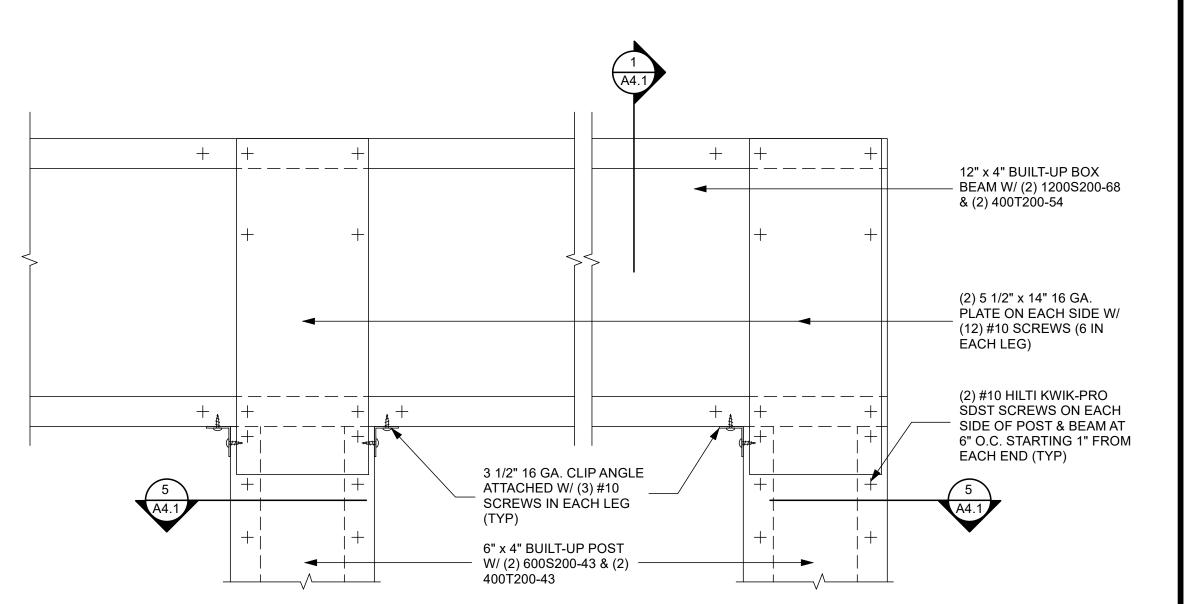
8" x 3 5/8" BUILT-UP BOX
BEAM W. (2) 8005162-68 &
(2) 362T200-54 @ 16" O.C.

3 1/2" 16 GA. CLIP ANGLE
ATTACHED W. (3) #10
SCREWS IN EACH LEG
(TYP)



SPLICE @

**BOTTOM ANGLES** 



4A DETAIL SIDE-FOLDING GRILLE HEADER

3" = 1'-0"

4B DETAIL SIDE-FOLDING GRILLE HEADER

MID-SPAN OF TRACK ANGLES

(2) #10 HILTI KWIK-PRO

2 **DETAIL**3" = 1'-0"

(2) #10 HILTI KWIK-PRO SDST SCREWS ON EACH SIDE OF

STARTING 1" FROM EACH END

POST & BEAM AT 6" O.C.

6" x 4" BUILT-UP POST

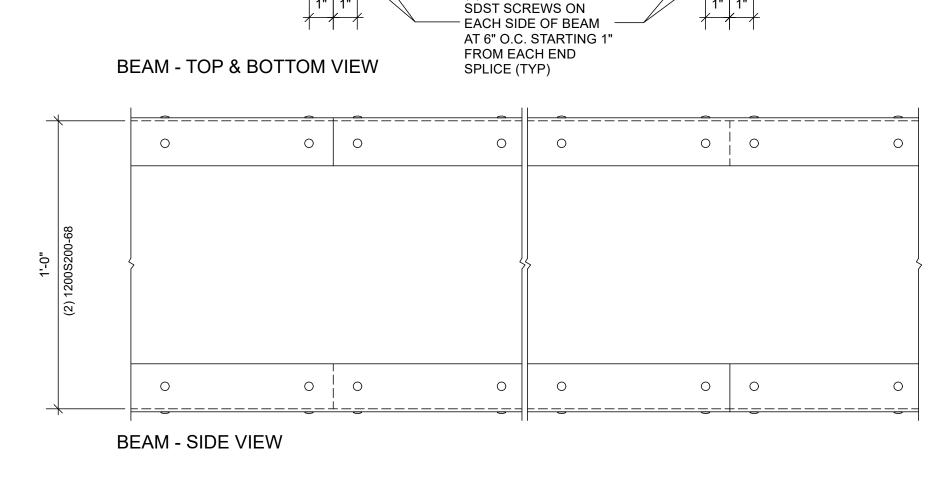
W/ (2) 600S200-43 & (2)

400T200-43

- 400T200-43

- 600S200**-**43

12" BOX BEAM / POST CONNECTION



5 DETAIL POST - 6" x 4"

CONNECTION TO FLOOR:

W/ (4) 0.7 Ø LVF

PROVIDE (2) 4" x 4" x 6" 18 GA. BENT

PLATE ON BOTH SIDES. SECURE TO

POST W/ (4) #13 SCREWS AND TO FLOOR

0 0 0 (2) #10 HILTI KWIK-PRO - 362T200-54 (TYP) SDST SCREWS ON EACH SIDE OF POST & BEAM AT 6" O.C. STARTING 1" FROM EACH END (TYP) 800S162-68 (TYP) 8" x 3 5/8" BUILT-UP BOX BEAM W/ (2) 800S162-68 & (2) 362T200-54 + 0000 3 1/2" 16 GA. CLIP ANGLE ATTACHED W/ (3) #10 SCREWS IN EACH LEG (TYP)

3 DETAIL 8" / 12" BOX BEAM CONNECTION

-0"

DANIEL J KRULA R C H I T E C T

(()) Avolta
HMSHost | Hudson | Dufry

STONCOURSE A
MYRTLE BEACH INTERNATIONAL AIRPORT
MYRTLE BEACH, SOUTH CAROLINA

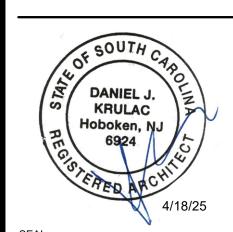
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1
2
3
4
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DATE 4-4-25

JOB NUMBER 2501

DUFRY # 824051MYR

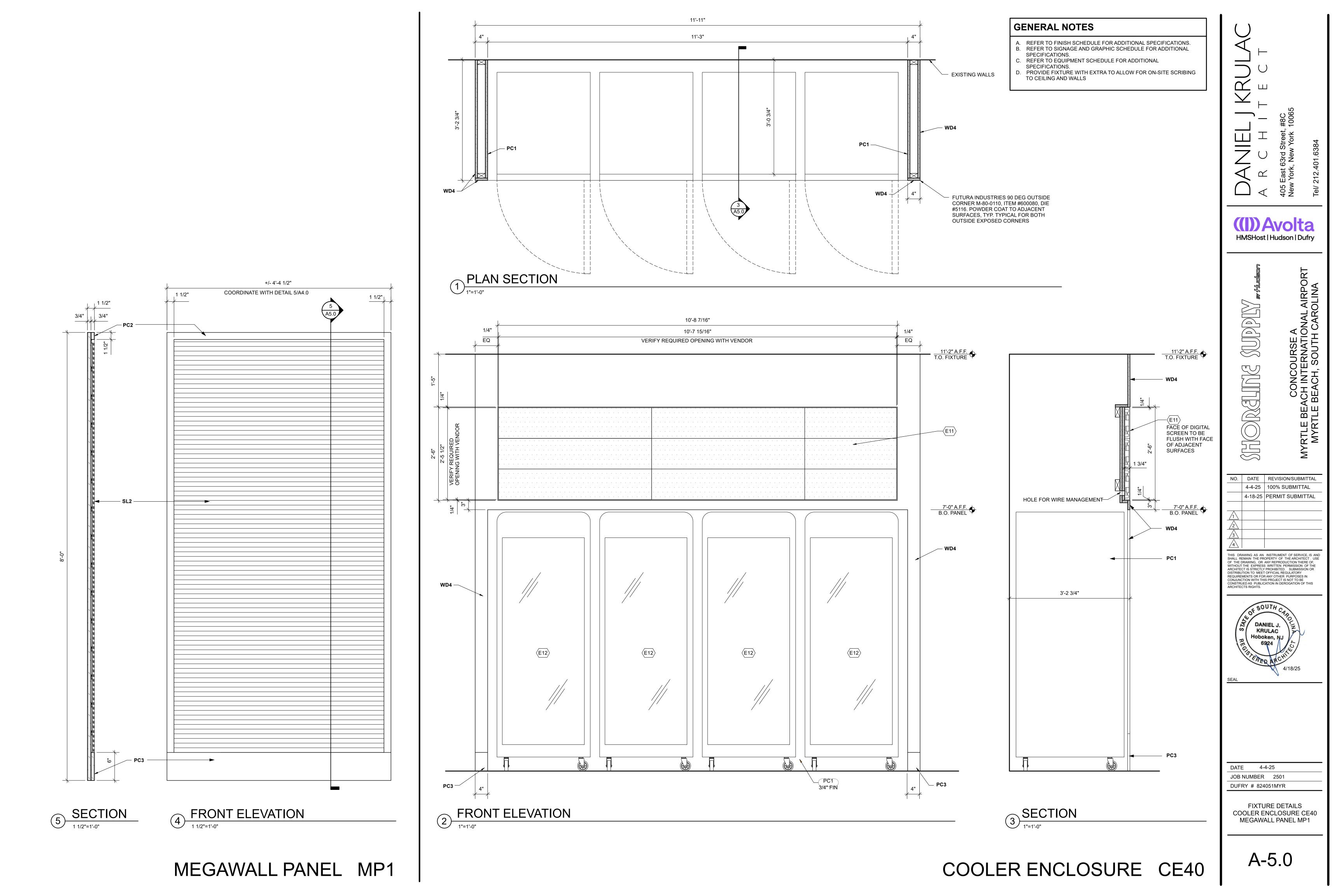
FRAMING DETAILS

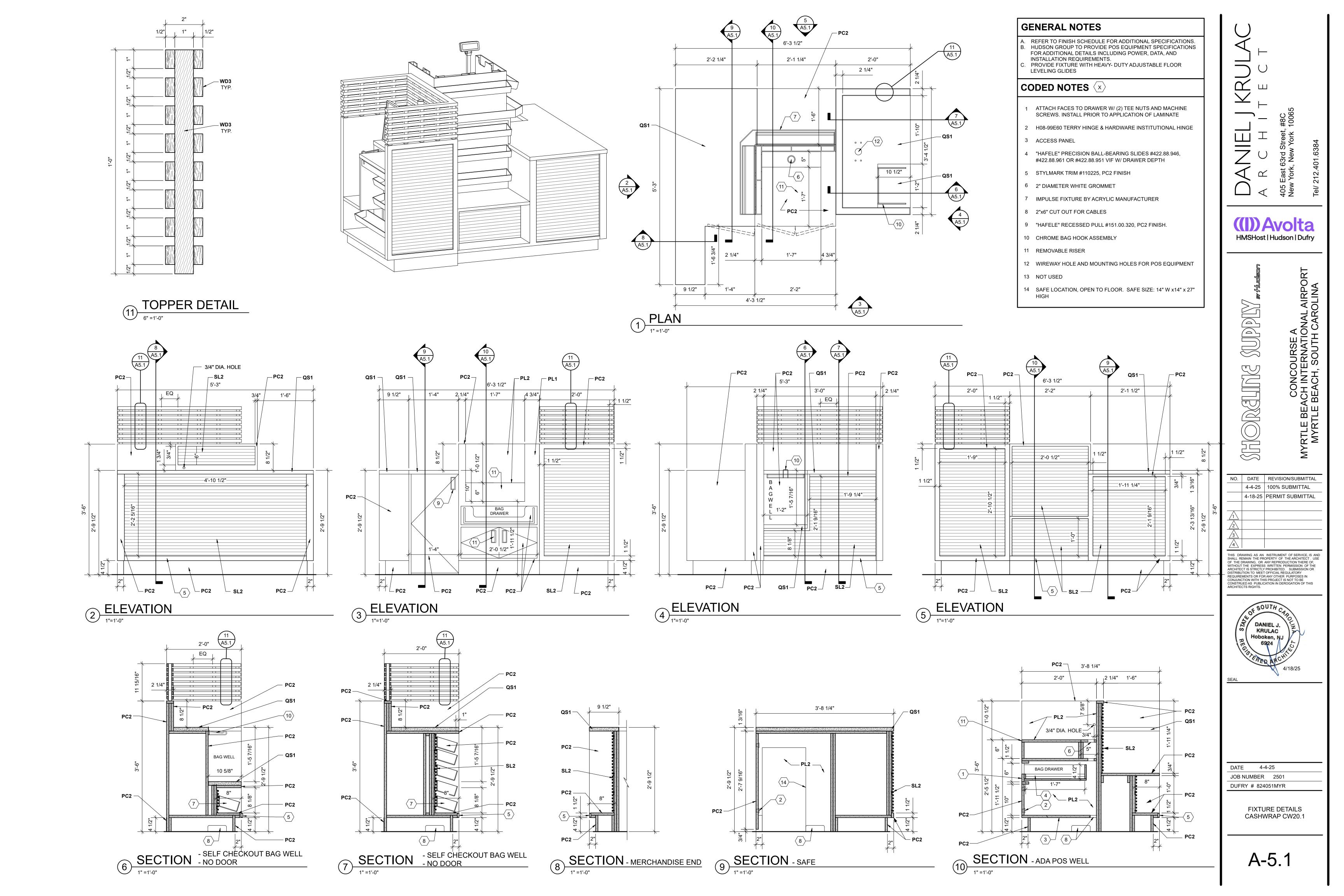
A-4.1

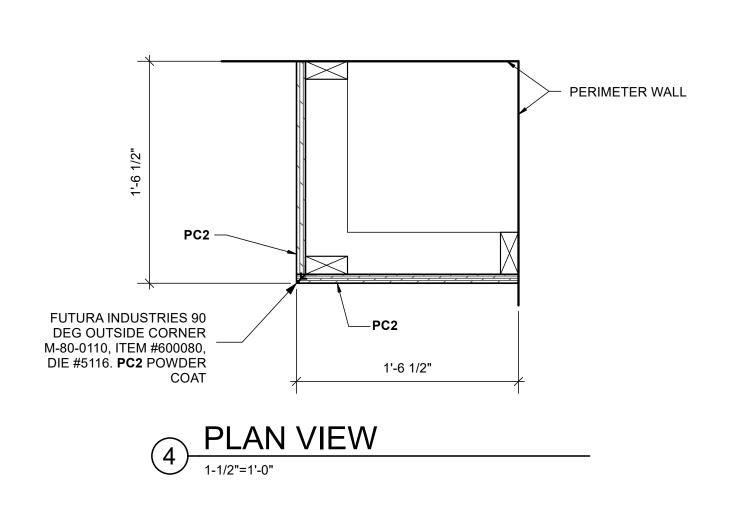
**DETAIL** 12" x

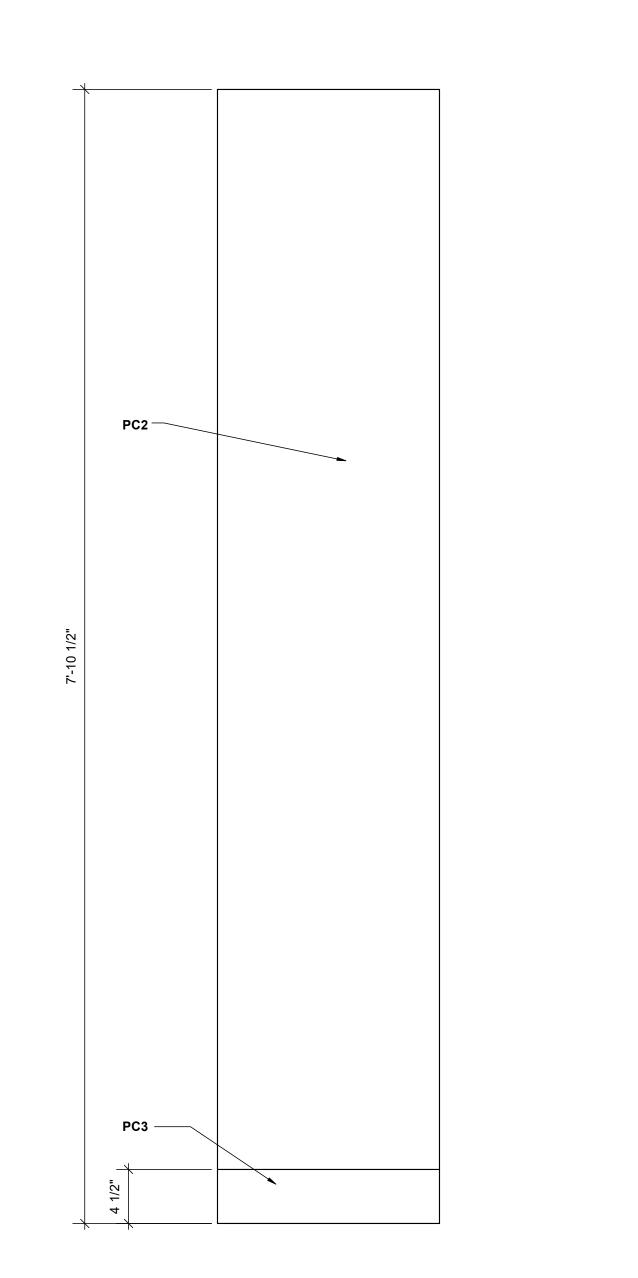
L 12" x 4" BUILT-UP BEAM - TRACK SPLICE

3" = 1'-0"



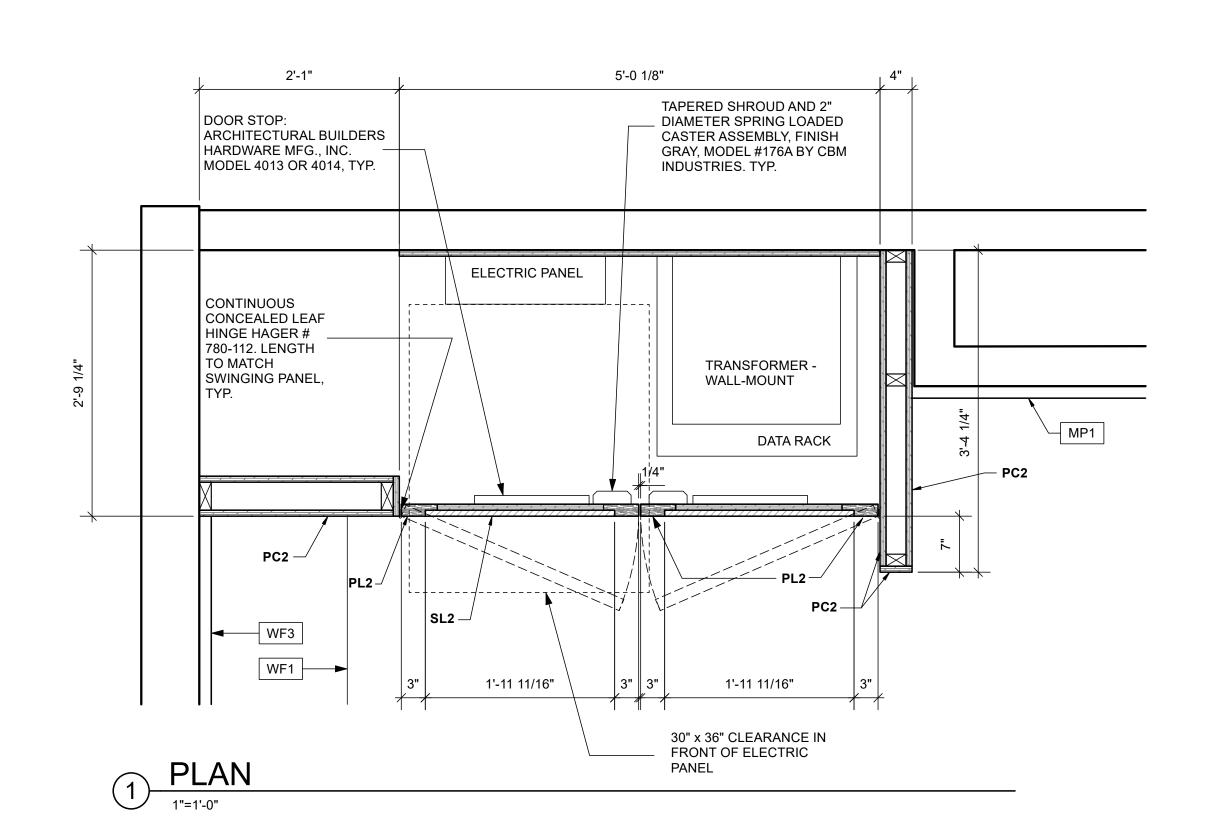


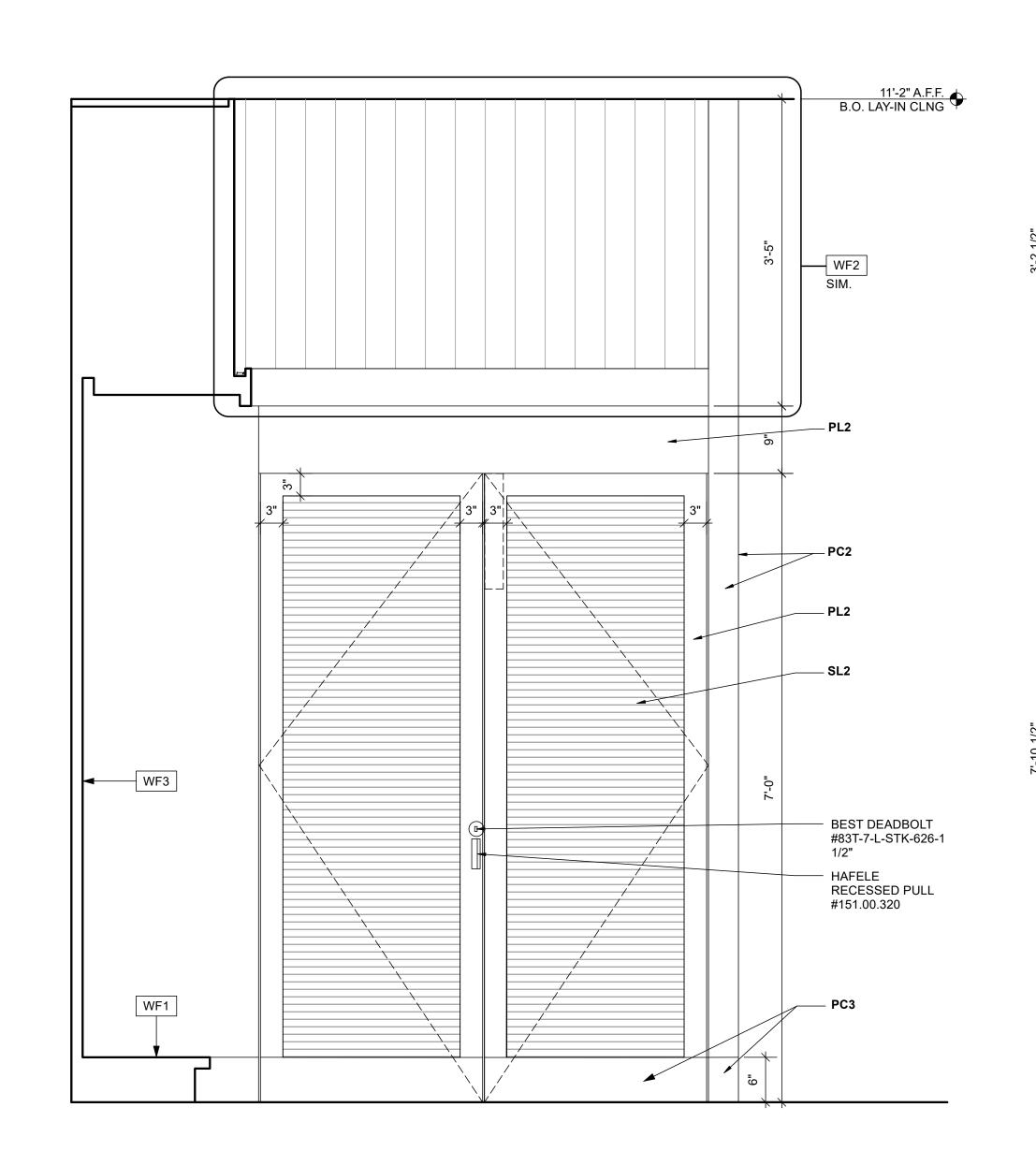




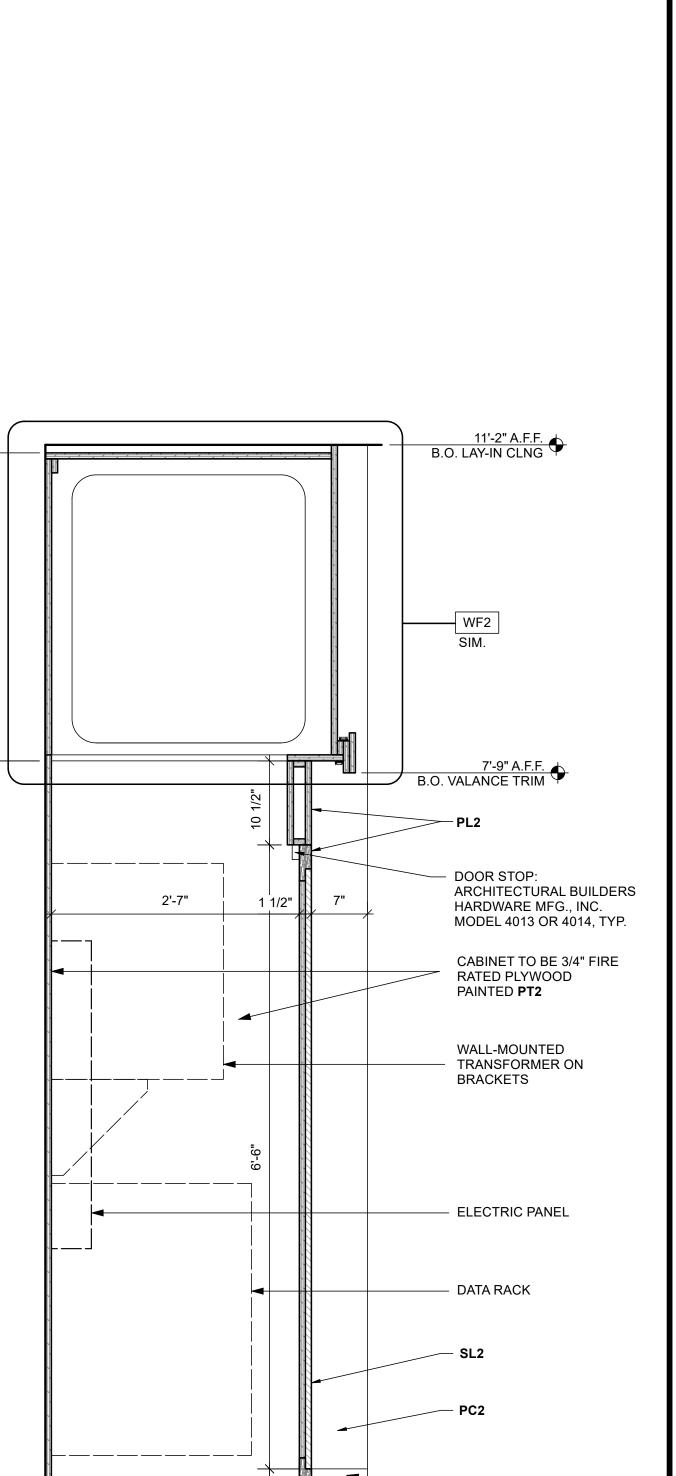
5 FRONT ELEVATION
1 1/2"=1'-0"

MC1 CORNER FILLER









**GENERAL NOTES** 

A. REFER TO FINISH SCHEDULE FOR ADDITIONAL SPECIFICATIONS.

PROVIDE FIXTURE WITH EXTRA TO ALLOW FOR ON-SITE SCRIBING TO CEILING AND WALLS

HMSHost | Hudson | Dufry CONCOURSE A MYRTLE BEACH INTERNATIONAL AIRPORT MYRTLE BEACH, SOUTH CAROLINA NO. DATE REVISION/SUBMITTAL 4-4-25 | 100% SUBMITTAL 4-18-25 PERMIT SUBMITTAL THIS DRAWING AS AN INSTRUMENT OF SERVICE, IS AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT. USE OF THE DRAWING, OR ANY REPRODUCTION THERE OF, OF THE DRAWING, OR ANY REPRODUCTION THERE OF, WITHOUT THE EXPRESS WRITTEN PERMISSION OF THE ARCHITECT IS STRICTLY PROHIBITED. SUBMISSION OR DISTRIBUTION TO MEET OFFICIAL REGULATORY REQUIREMENTS OR FOR ANY OTHER PURPOSES IN CONJUNCTION WITH THIS PROJECT IS NOT TO BE CONSTRUED AS PUBLICATION IN DEROGATION OF THIS ARCHITECTS RIGHTS. DANIEL J. KRULAC Hoboken, NJ DATE 4-4-25 JOB NUMBER 2501

DUFRY # 824051MYR

FIXTURE DETAILS CORNER FILLER MC1

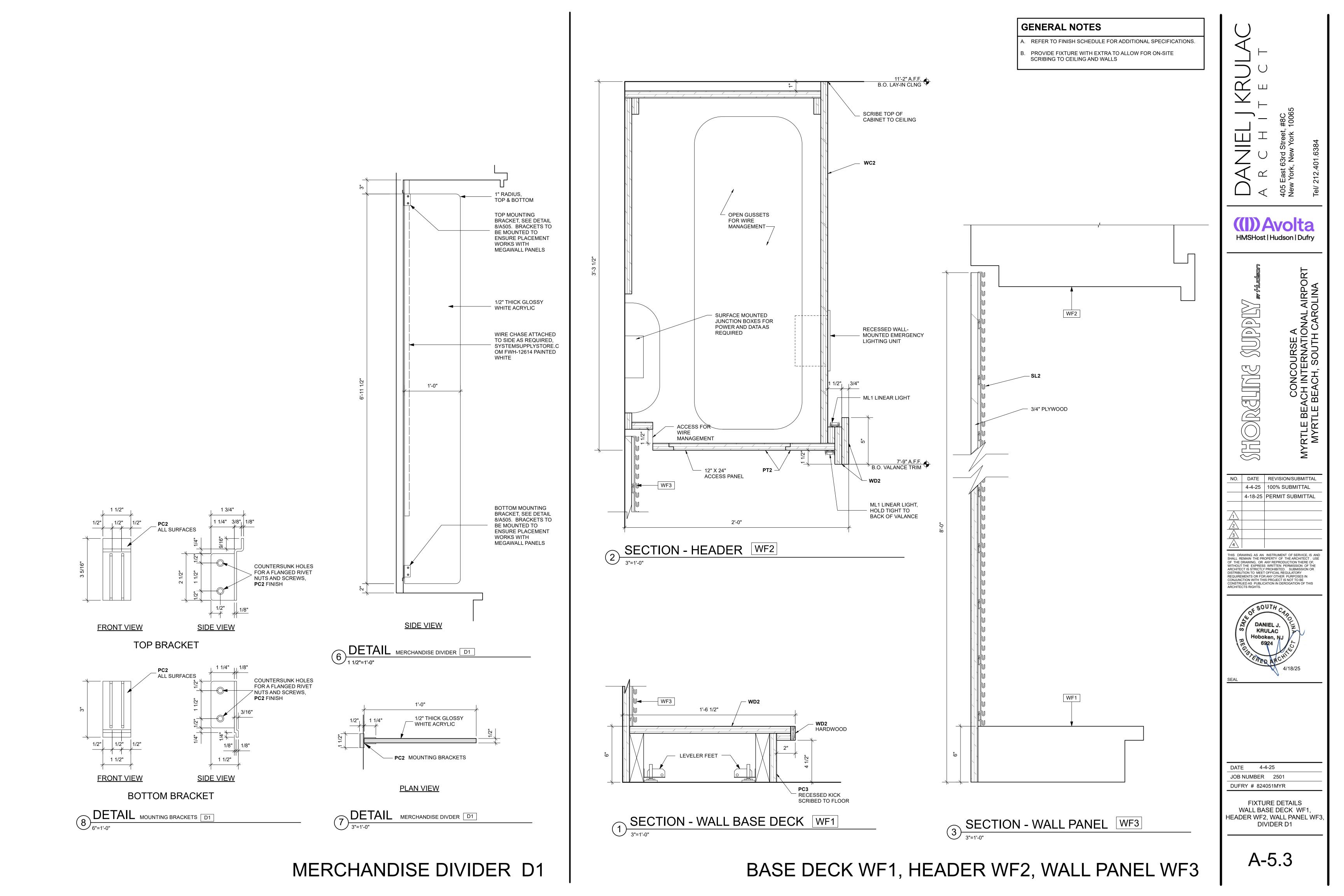
IT CABINET MD1

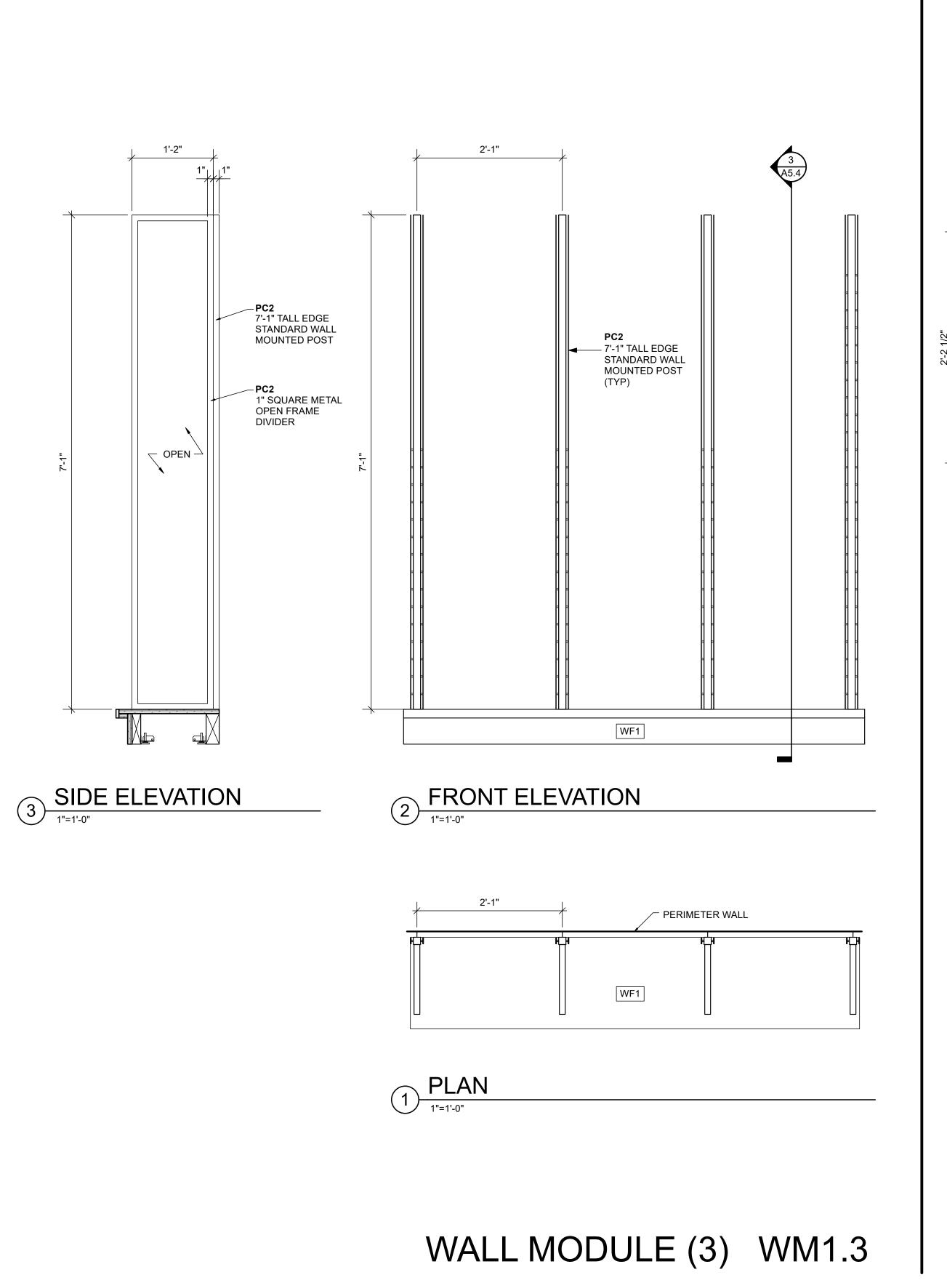
A-5.2

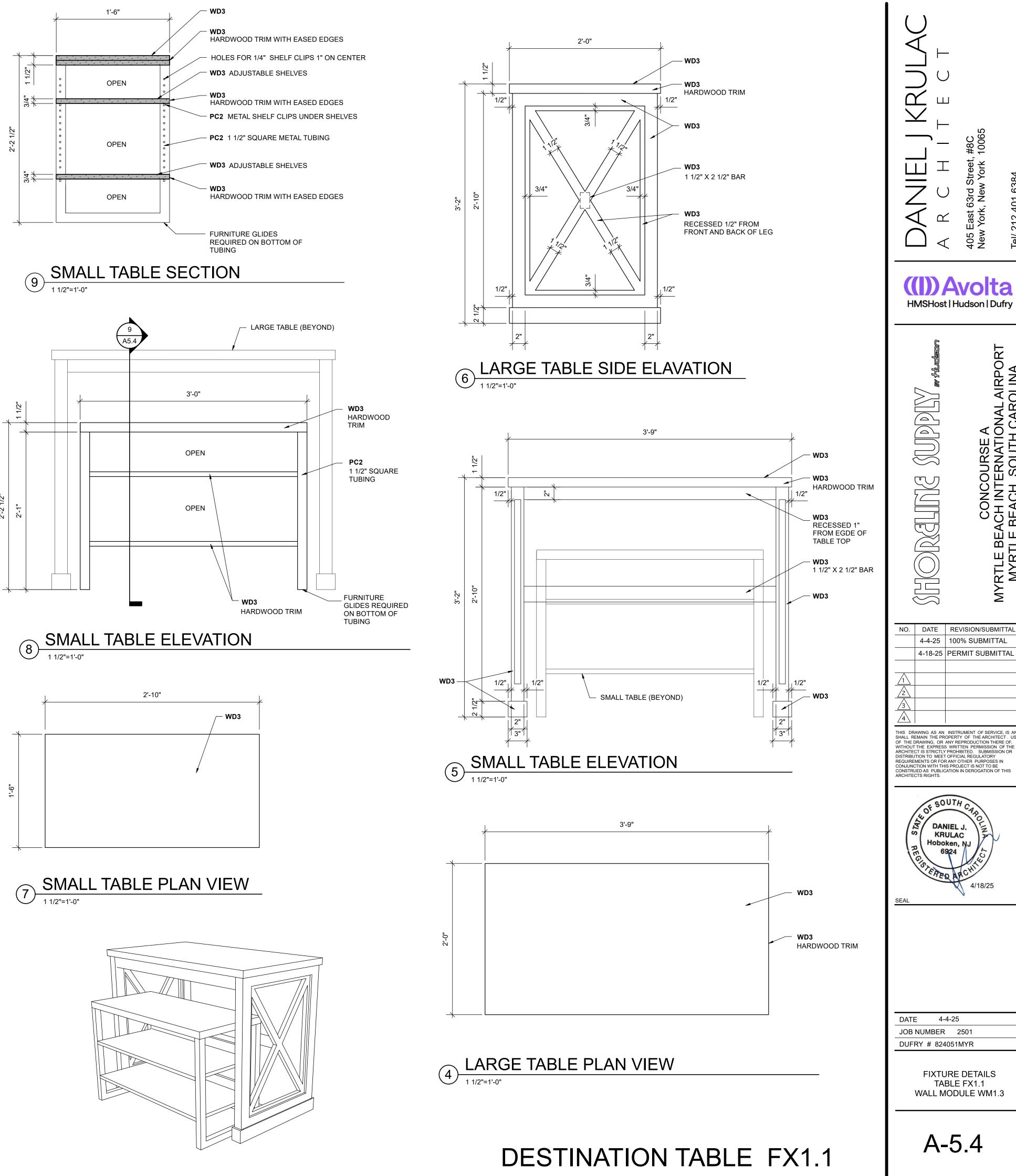
MD1 IT CABINET

3 SECTION

1"=1'-0"



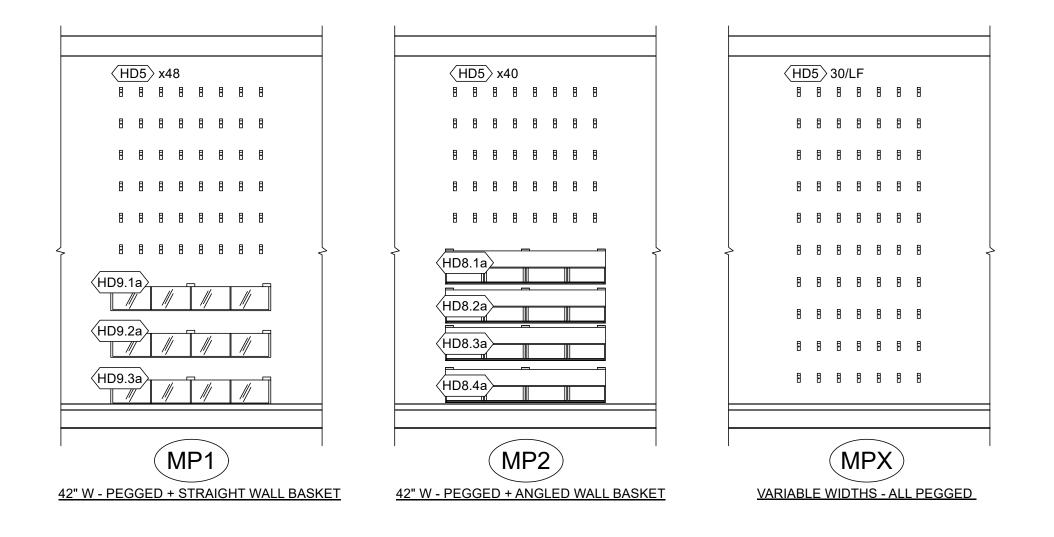




CONCOURSE A MYRTLE BEACH INTERNATIONAL AIRPORT MYRTLE BEACH, SOUTH CAROLINA

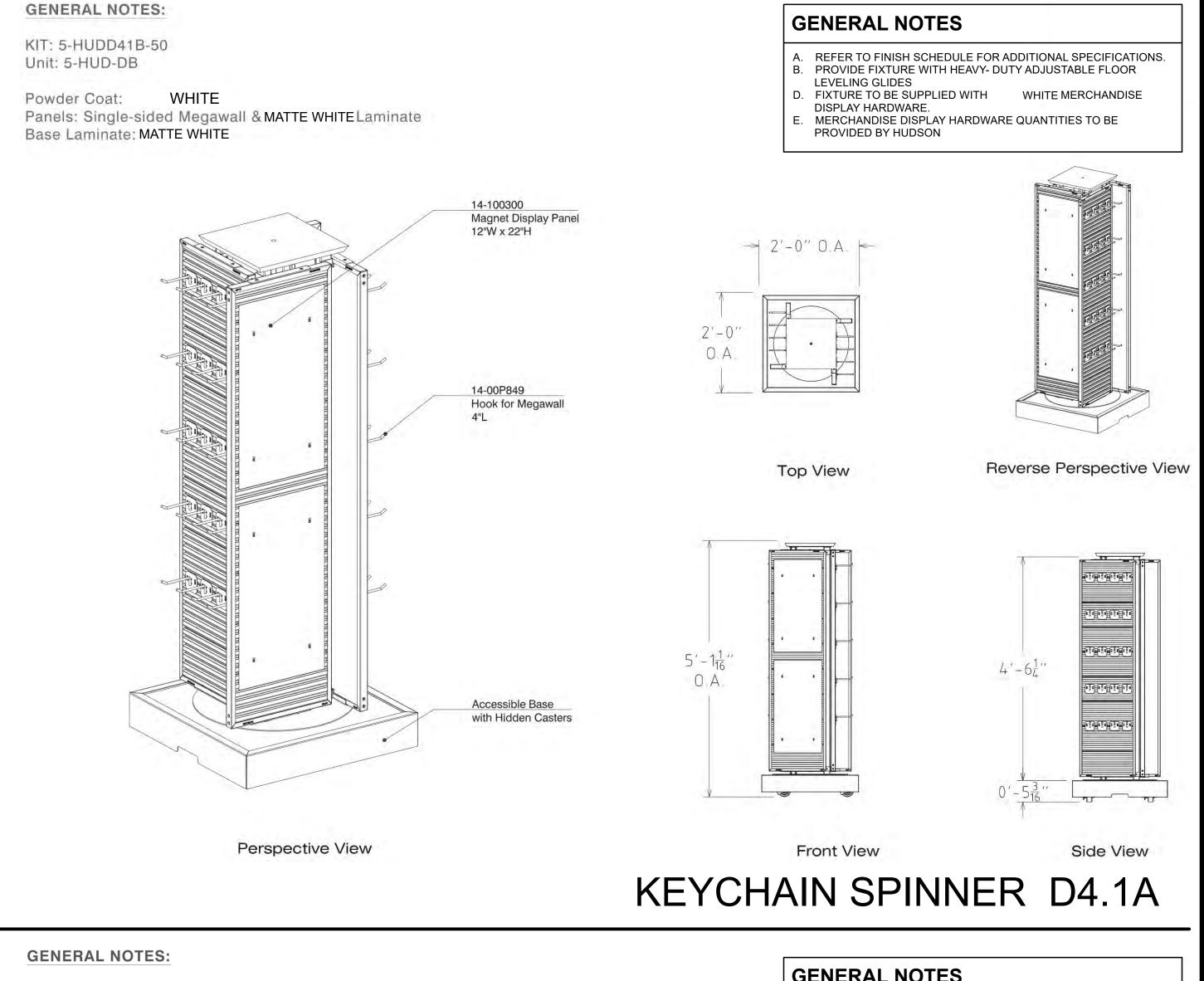
DATE REVISION/SUBMITTAL

FIXTURE DETAILS



TAG	DESCRIPTION	SOURCE	LOCATION
HD5	8" PEGHOOK	MILLWORKER	UNIVERSAL
HD8.1a	40" ANGLED WALL BASKET - TYPE 1	MILLWORKER	MARKETPLACE
HD8.2a	40" ANGLED WALL BASKET - TYPE 2	MILLWORKER	MARKETPLACE
HD8.3a	40" ANGLED WALL BASKET - TYPE 3	MILLWORKER	MARKETPLACE
HD8.4a	40" ANGLED WALL BASKET - TYPE 4	MILLWORKER	MARKETPLACE
HD9.1a	40" STRAIGHT WALL BASKET - TYPE 1	MILLWORKER	MARKETPLACE
HD9.2a	40" STRAIGHT WALL BASKET - TYPE 2	MILLWORKER	MARKETPLACE
HD9.3a	40" STRAIGHT WALL BASKET - TYPE 3	MILLWORKER	MARKETPLACE

# HARDWARE



(II) Avolta

HMSHost | Hudson | Dufry

NO. DATE REVISION/SUBMITTAL

4-4-25 | 100% SUBMITTAL

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KRULAC Hoboken, NJ

DATE 4-4-25

JOB NUMBER 2501

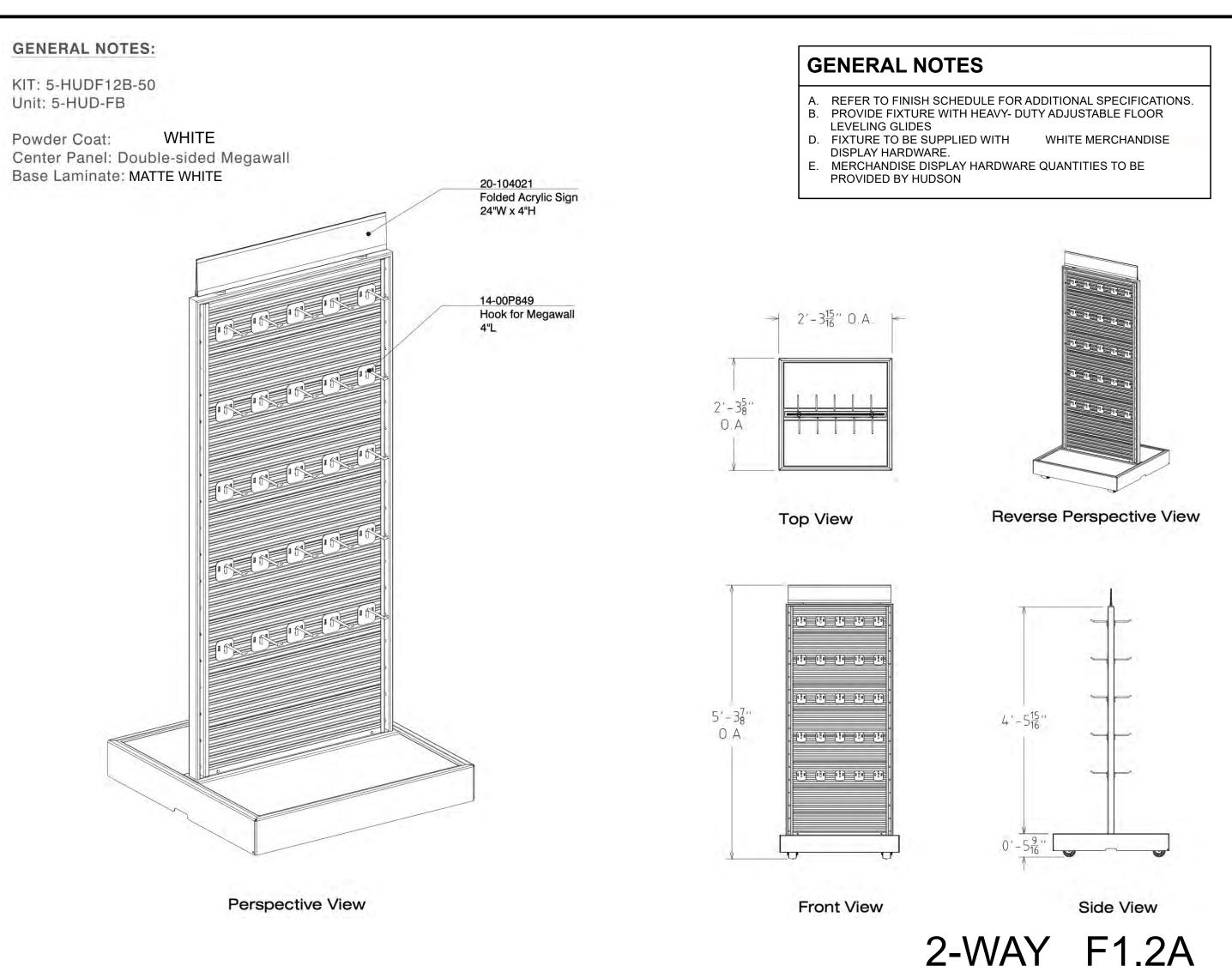
DUFRY # 824051MYR

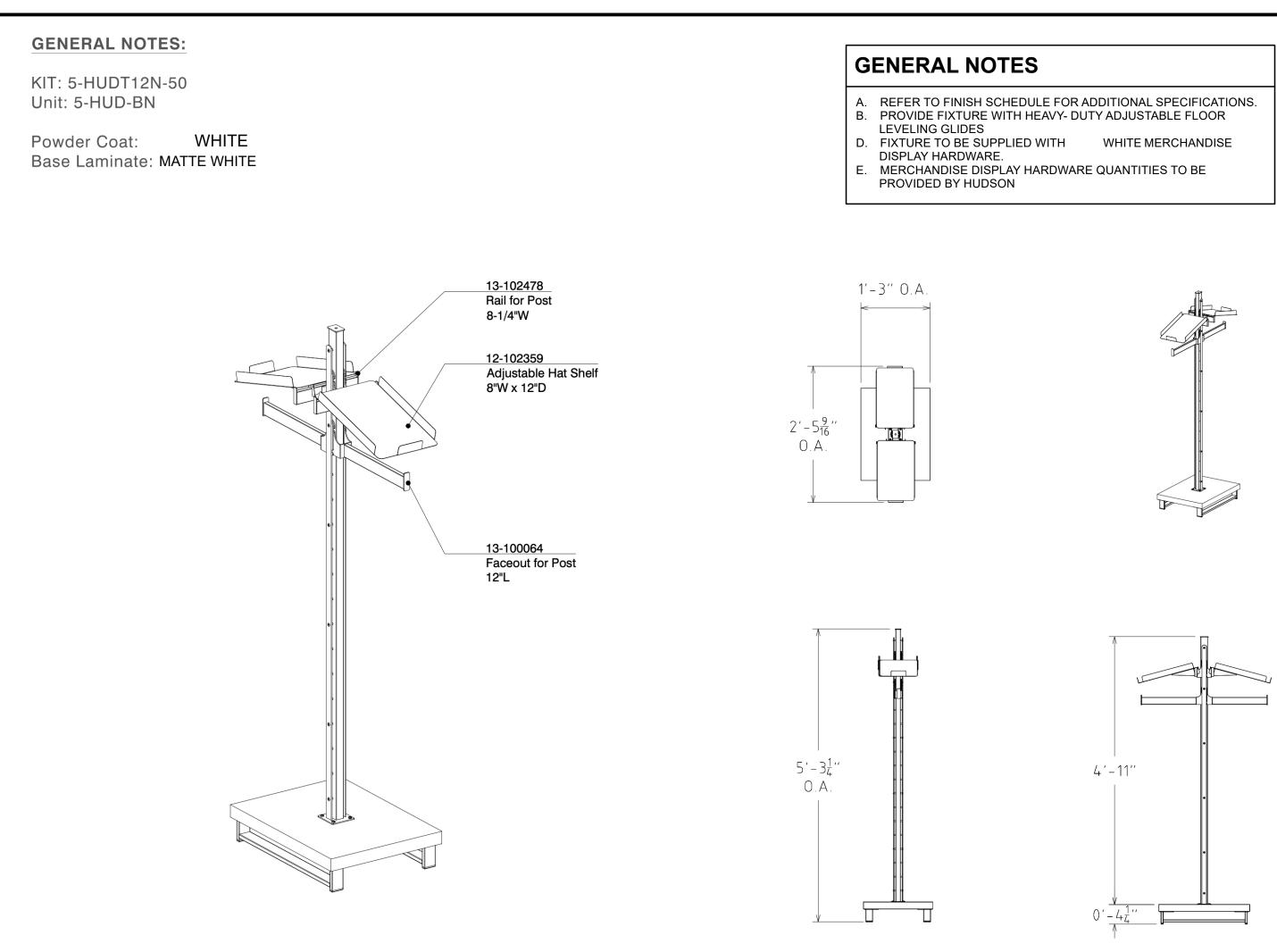
FIXTURE DETAILS KEYCHAIN SPINNER D4.1A, 2-WAY F1.2A, T-STAND T1.2, HARDWARE

A-5.5

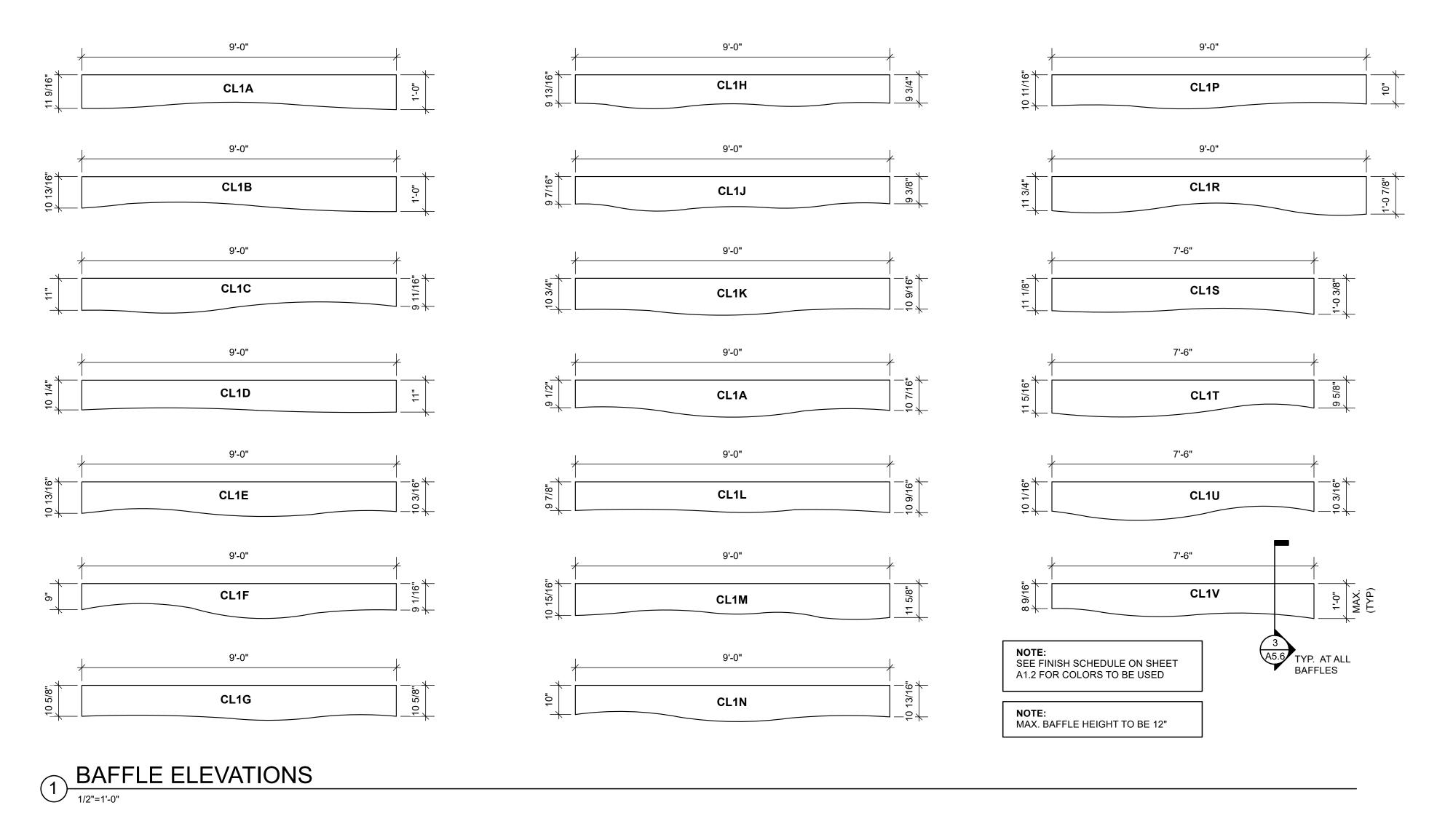
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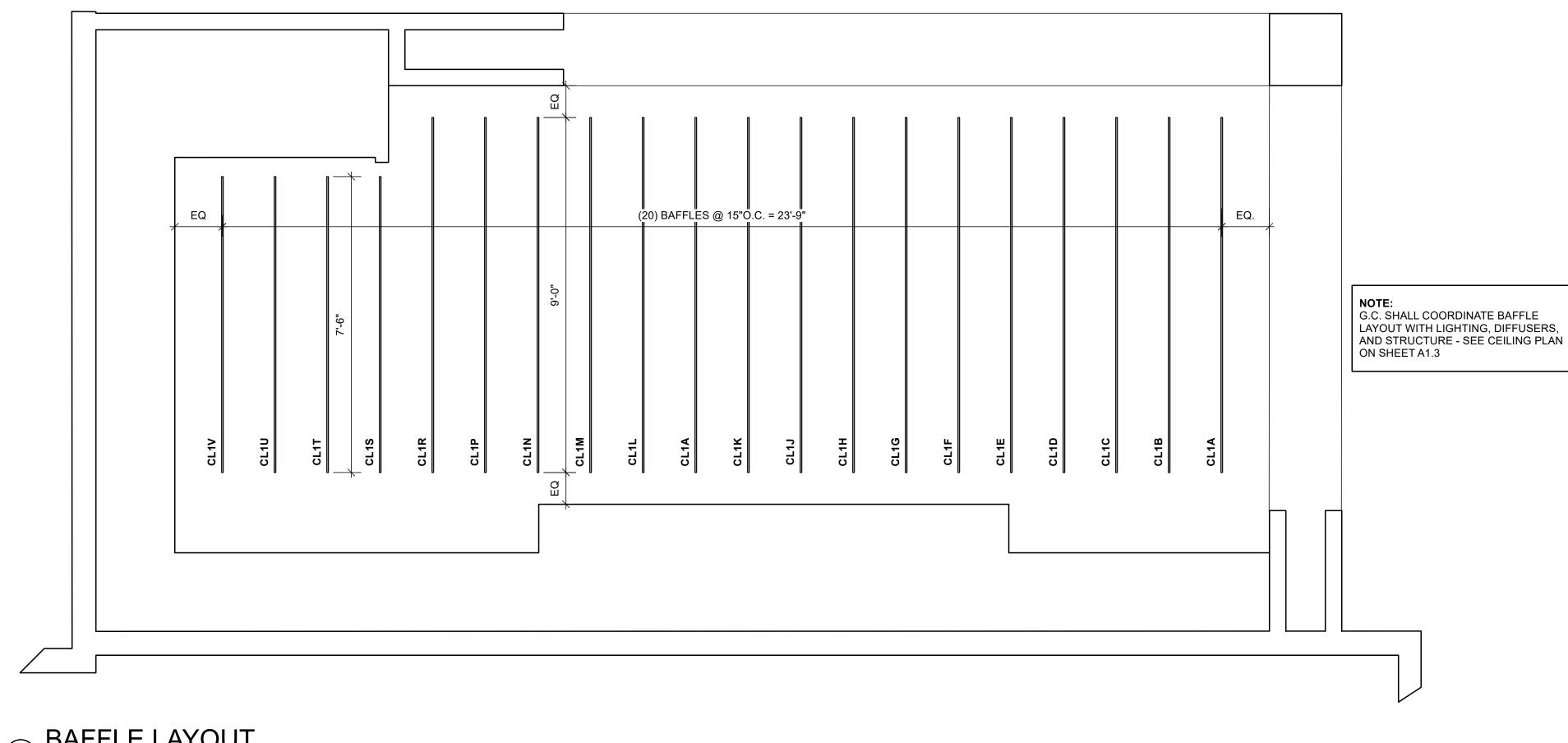
CONCOURSE A MYRTLE BEACH INTERNATIONAL AIRPORT MYRTLE BEACH, SOUTH CAROLINA

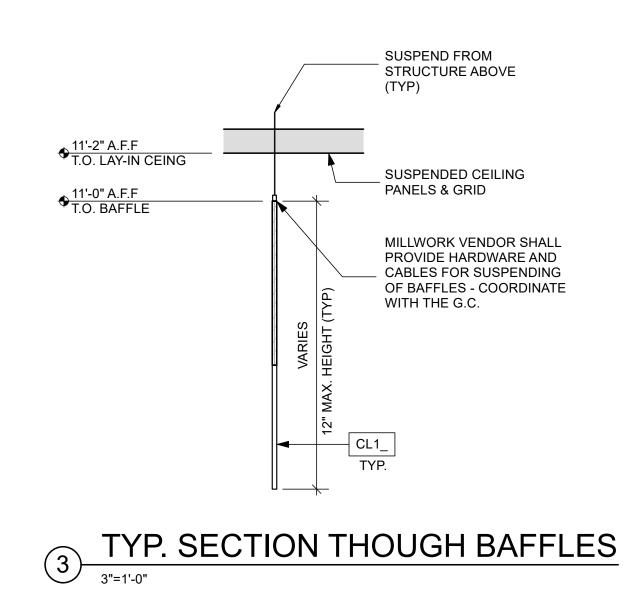


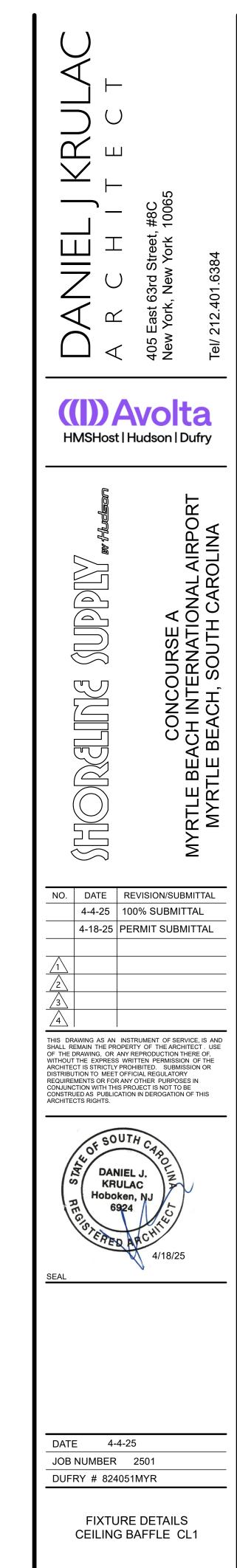


T-STAND (FACEOUTS & HAT SHELVES) T1.2









A-5.6

#### Section 1: Project Information

Energy Code: 2009 IECC Project Title: 25102 - Shoreline Supply Project Type: New Construction

Construction Site: Owner/Agent: Shoreline Supply Georgia Myrtle Beach, South Carolina 29577

Designer/Contractor: Carson Hall 200 Galleria Parkway Atlanta, Georgia 30339

#### Section 2: Interior Lighting and Power Calculation

	A	В	С	D
	Area Category	Floor Area	Allowed	Allowed Watts
		(ft2)	Watts / ft2	(B x C)
Retail		500	1.5	750
_		To	tal Allowed Watts :	<del>-</del> 750

#### Section 3: Interior Lighting Fixture Schedule

A Fixture ID : Description / Lamp / Wattage Per Lamp / Ballast	B Lamps/ Fixture	C # of Fixtures	D Fixture Watt.	(C X D)
Retail (500 sq.ft.)				
LED: GW1: Other:	1	14	20	280
LED: F18: Other:	1	1	42	42
LED: ML1: Other:	1	25	6.6	165
LED: ML2: Other:	1	28	4.6	128.8
	To	Total Proposed Watts =		616

#### Section 4: Requirements Checklist

#### nterior Lighting PASSES: Design 18% better than code

#### Lighting Wattage:

1. Total proposed watts must be less than or equal to total allowed watts.

Proposed Watts Complies

#### Controls, Switching, and Wiring:

- 2. Daylight zones under skylights more than 15 feet from the perimeter have lighting controls separate from daylight zones adjacent to
- ☐ 3. Daylight zones have individual lighting controls independent from that of the general area lighting.

#### Exceptions:

- Contiguous daylight zones spanning no more than two orientations are allowed to be controlled by a single controlling device.
- Daylight spaces enclosed by walls or ceiling height partitions and containing two or fewer light fixtures are not required to have a separate switch for general area lighting.
- 4. Independent controls for each space (switch/occupancy sensor).

Exceptions:

Project Title: 25102 - Shoreline Supply	Report date: 03/24/25
Data filename:	Page 2 of 6

- Areas designated as security or emergency areas that must be continuously illuminated.
- Lighting in stairways or corridors that are elements of the means of egress.
- 5. Master switch at entry to hotel/motel guest room.
- 6. Individual dwelling units separately metered.
- 7. Medical task lighting or art/history display lighting claimed to be exempt from compliance has a control device independent of the control of the nonexempt lighting.
- 8. Each space required to have a manual control also allows for reducing the connected lighting load by at least 50 percent by either controlling all luminaires, dual switching of alternate rows of luminaires, alternate luminaires, or alternate lamps, switching the middle lamp luminaires independently of other lamps, or switching each luminaire or each lamp.

### Exceptions:

- Only one luminaire in space.
- An occupant-sensing device controls the area.
- The area is a corridor, storeroom, restroom, public lobby or sleeping unit.

### Areas that use less than 0.6 Watts/sq.ft.

□ 10.Photocell/astronomical time switch on exterior lights.

9. Automatic lighting shutoff control in buildings larger than 5,000 sq.ft.

Exceptions:

Lighting intended for 24 hour use.

☐ 11.Tandem wired one-lamp and three-lamp ballasted luminaires (No single-lamp ballasts).

☐ Electronic high-frequency ballasts; Luminaires on emergency circuits or with no available pair.

Sleeping units, patient care areas; and spaces where automatic shutoff would endanger safety or security.

#### Section 5: Compliance Statement

Compliance Statement: The proposed lighting design represented in this document is consistent with the building plans, specifications and other calculations submitted with this permit application. The proposed lighting system has been designed to meet the 2009 IECC requirements in COMcheck-Web and to comply with the mandatory requirements in the Requirements Checklist.

Carson Hall - Electrical Designer	Carson Hall	03/24/2025
Nama Titla	Signature	Data

### GENERAL ELECTRICAL NOTES:

- 1. FOR EXACT LOCATION OF EQUIPMENT MOUNTED IN SUSPENDED CEILINGS. SUCH AS LIGHTING FIXTURES, AND SMOKE DETECTORS, SEE ARCHITECTURAL REFLECTED CEILING PLANS. ARCHITECTURAL REFLECTED PLAN SHALL GOVERN FINAL LOCATION.
- 2. PRIOR TO ROUGH-IN, CONTRACTOR SHALL COORDINATE EXACT LOCATION OF ALL WIRING DEVICE WITH ARCHITECTURAL ELEVATION TO AVOID CONFLICTS WITH CASEWORK, COUNTER TOPS, DOOR SWINGS, ETC. WHERE CONFLICTS OCCURS, CONTRACTOR SHALL CONTACT THE ARCHITECT IN WRITING FOR RESOLUTION.
- 3. ALL MOUNTING HEIGHT DIMENSIONS ARE TO THE CENTER OF THE OUTLET BOX UNLESS OTHERWISE NOTED.
- 4. FOR EXACT LOCATION OF ALL EXTERIOR LIGHTING FIXTURES MOUNTED ON EXTERIOR OF BUILDING. ARCHITECTURAL ELEVATIONS SHALL GOVERN
- 5. PRIOR TO ROUGH-IN FOR ALL LIGHTING SWITCHES, VERIFY ALL DOOR SWINGS WITH ARCHITECTURAL PLANS.
- 6. THE CONTRACTOR SHALL USE CARE WHEN CUTTING OPENINGS FOR OUTLET BOXES IN CMU WALLS. OUTLET BOXES SHALL BE INSTALLED IN CMU WALLS SECURELY WITH EPOXY.
- 7. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING OUTLET BOX INSTALLATION WITH WALL FINISH (GYPSUM FURRING, TILE, ETC). THE CONTRACTOR SHALL PROVIDE AND INSTALL ANY EXTENSION RINGS NECESSARY TO
- ACCOMMODATE WALL FINISHES. 8. ALIGN VERTICALLY AND HORIZONTALLY ALL LIGHT SWITCHES, THERMOSTATS, FIRE ALARM PULL STATIONS, ETC.
- ALL THESE ITEMS SHALL BE CLUSTERED WHERE POSSIBLE. COORDINATE EXACT REQUIREMENTS WITH ARCHITECT. 9. COORDINATE MOUNTING OF ALL EXTERIOR DISCONNECT WITH ARCHITECTURAL ELEVATIONS. IF NOT INDICATED ON ARCHITECTURAL ELEVATIONS, REQUEST ELEVATIONS OF DISCONNECT SWITCHES FROM ARCHITECT IN WRITING
- 10. ALL CONDUITS FOR LOW VOLTAGE OUTLETS SHALL BE DEDICATED TO A SINGLE BOX. NO DAISY CHAINING OR SHARING OF CONDUITS BETWEEN LOW VOLTAGE OUTLET BOXES IS PERMITTED UNLESS SPECIFICALLY INDICATED ON THE DRAWINGS.
- 11. PROVIDE FIELD IDENTIFICATION FOR PANELBOARDS AND SWTCHBOARDS (IF APPLICABLE) PER NEC 408.4. ADDITIONALLY, EACH RECEPTACLE AND DISCONNECT SHALL HAVE A PRINTED LABEL WITH SPECIFIC PANEL AND
- 12. PROVIDE PERMANENT NAMEPLATE LABEL FOR PANELBOARDS IDENTIFYING COLOR CODING FOR BRANCH CIRCUITS, IN ACCORDANCE WITH NEC 210.5(C)(1).
- 13. PER NEC 406.12 PROVIDE TAMPER PROOF RECEPTACLES IN THE FOLLOWING AREAS: DWELLING UNITS, COMMON AREAS OF MULTIFAMILY DWELLINGS, GUEST ROOMS AND COMMON AREAS OF MOTELS/HOTELS, CHILDCARE FACILITIES. PRESCHOOLS AND EDUCATIONAL FACILITIES. DORMITORY UNITS. ASSISTED LIVING FACILITIES AND ASSEMBLY OCCUPANCIES PER SECTION 518.2. TAMPER PROOF RECEPTACLES ARE ALSO REQUIRED IN BUSINESS OFFICES, CORRIDORS AND WAITING ROOMS WITHIN CLINICS/MEDICAL OFFICES/DENTAL OFFICES/OUTPATIENT FACILITIES.
- 14. PER NEC 408.6, AVAILABLE FAULT CURRENT AND THE DATE THE CALCULATION WAS PERFORMED MUST BE FIELD MARKED ON THE ENCLOSURE AT THE POINT OF THE SUPPLY. THE MARKING MUST BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED PER 110.24.

#### GENERAL ELECTRICAL DEMOLITION NOTES

- 1. ELECTRICAL CONTRACTOR SHALL REMOVE DEVICES ON WALLS TO BE REMOVED AND AS DIRECTED BY ARCHITECT.
- ELECTRICAL CONTRACTOR SHALL REMOVE ALL ASSOCIATED WIRING, CONDUIT, SURFACE RACEWAY, ETC. FOR DEVICES/LOADS BEING REMOVED. ITEMS REMOVED SHALL BECOME PROPERTY OF THE ELECTRICAL CONTRACTOR (UON) AND SHALL BE REMOVED FROM THE SITE. ITEMS REMOVED SHALL NOT BE STORED AT THE SITE. UNDER NO CONDITIONS SHALL ITEMS REMOVED BE USED IN THE NEW CONSTRUCTION.
- ELECTRICAL CONTRACTOR SHALL VISIT AND EXAMINE THE SITE PRIOR TO CONSTRUCTION TO ASCERTAIN THE EXISTING CONDITIONS AND LIMITS OF DEMOLITION AND CONSTRUCTION.
- 4. IT SHALL BE THE ELECTRICAL CONTRACTORS RESPONSIBILITY TO PROTECT AND RETAIN POWER TO ALL EXISTING ACTIVE EQUIPMENT TO REMAIN. THIS INCLUDES RE-ROUTING OF EXISTING CIRCUITING EFFECTED BY
- 5. ALL REMOVED COMPUTER EQUIPMENT SHALL BE TURNED OVER TO OWNER UNLESS DIRECTED TO DO
- SEE MECHANICAL DRAWING FOR HEATERS, EXHAUST FANS, ETC., WHICH MUST BE DISCONNECTED BY THE ELECTRICAL CONTRACTOR FOR REMOVAL OR ABANDONMENT BY MECHANICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL REMOVE ALL STARTERS, DISCONNECT SWITCHES AND ASSOCIATED CONDUIT AND WIRING.
- REMOVE ALL CONDUIT, WIRE, BOXES AND FASTENING DEVICES AS REQUIRED TO AVOID ANY INTERFERENCE WITH NEW INSTALLATION.
- CONDUITS MAY BE ABANDONED IN FLOOR AND WALLS ONLY. ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING FROM ABANDONED CONDUITS, DISCONNECT FROM ALL POWER SOURCES AND PROVIDE BLANK PLATES ON ALL ABANDONED OUTLETS. CUT OFF ABANDONED CONDUITS 1" BELOW FINISHED FLOOR AND GROUT FLUSH. ABANDONED CONDUIT SHALL BE CAPPED AT BOTH ENDS. 9. ELECTRICAL CONTRACTOR SHALL TRACE ALL CIRCUITS IN EXISTING PANELS TO REMAIN AFFECTED BY DEMOLITION.
- TURN OFF AND TAG ALL UNUSED CIRCUIT BREAKERS AS AND LABEL AS "SPARE" AND TIGHTEN ALL CONNECTIONS. PROVIDE NEW TYPED DIRECTORY WITH DATE, PROTECTED BY PLASTIC AND PLACE IN COVER OF PANELS CONSISTENT WITH NEW CONSTRUCTION.
- 10. ANY ELECTRICAL OUTAGES REQUIRED BY THE WORK SHALL BE COORDINATED WITH OWNER'S REPRESENTATIVE AND CONFIRMED IN WRITING. ANY OUTAGE SHALL NOT BE SCHEDULED DURING NORMAL BUSINESS HOURS OR DURING FACILITY FUNCTIONS AND ALL COSTS FOR OVERTIME SHALL BE INCLUDED IN THE BID.
- 11. EXISTING LIGHTING FIXTURE BALLASTS AND FLUORESCENT LAMPS MAY CONTAIN PCB'S. DISPOSE OF BALLASTS AND LAMPS IN ACCORDANCE WITH EPA.
- 12. HOLES LEFT BY REMOVAL OF ELECTRICAL DEVICES, PANELS, ETC. SHALL BE PATCHED IN EXISTING WALLS TO REMAIN. REFER TO ARCHITECTURAL DRAWINGS.

### **ABBREVIATIONS**

Α	- AMPERES	MCB	<ul> <li>MAIN CIRCUIT BREAKER</li> </ul>
A.F.F.	<ul> <li>ABOVE FINISHED FLOOR</li> </ul>	MLO	<ul><li>MAIN LUG ONLY</li></ul>
A.F.G.	<ul> <li>ABOVE FINISHED GRADE</li> </ul>	NTS	<ul><li>NOT TO SCALE</li></ul>
BFG	- BELOW FINISHED GRADE	Р	- POLE
С	<ul><li>CONDUIT</li></ul>	PNL	- PANEL
ETR	<ul> <li>EXISTING TO REMAIN</li> </ul>	SN	<ul><li>SOLID NEUTRAL</li></ul>
F	- FUSE	U.O.N.	<ul> <li>UNLESS OTHERWISE NOTED</li> </ul>
GFI	<ul> <li>GROUND FAULT CIRCUIT INTERRUPTING</li> </ul>	V	- VOLTS
G	- GROUND	W	- WIRE
KVA	<ul><li>KILO VOLT AMP</li></ul>	WP	<ul><li>WEATHERPROOF/GFI</li></ul>
KW	<ul><li>KILOWATT</li></ul>		,

#### FIRE PROOFING NOTES:

- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING FIRE STOPPING AT ALL WALL, FLOOR AND CEILING PENETRATIONS WHERE CONDUIT PENETRATIONS OCCUR.
- 2. PROVIDE FIRE STOPPING AT CONDUIT PENETRATIONS PER UL.



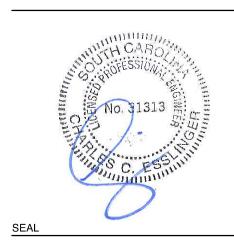
### Atlanta, Ga 30339 404-242-6240 tel 404-601-9859 fax

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((I)) Avolta HMSHost | Hudson | Dufry

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DATE 4-4-25 JOB NUMBER 2501 DUFRY # 824051MYR

> NOTES DEAILS AND LEGEND

E-0.0

# ELECTRICAL LEGEND

### **LIGHTING** LIGHTING FIXTURE EMERGENCY LIGHTING FIXTURE AND/OR NIGHTLIGHT AS INDICATED DOWNLIGHT. EXIT LIGHTING FIXTURE, FACE PLATES (DARKENED) AND DIRECTIONAL ARROWS AS INDICATED. PROVIDE WITH BATTERY BACKUP, UNO. CONNECT AHEAD OF LOCAL SWITCH. SINGLE POLE SWITCH, 20A, 120/277 VOLT, 46" A.F.F.. <u>POWER</u>

DUPLEX GROUNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N.. (2) DUPLEX GROUNDING TYPE RECEPTACLES IN COMMON BOX, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F, U.O.N

DUPLEX ISOLATED GROUNDING TYPE RECEPTACLE, 20A, 125 VOLT, NEMA 5-20R, 18" A.F.F., U.O.N.. RECEPTACLE BODY SHALL

**PANELBOARD** 

AS A MINIMUM CONDITION, EACH SINGLE PHASE CIRCUIT SHALL HAVE ONE #12 PHASE CONDUCTOR, ONE #12 NEUTRAL

CONDUCTOR, AND ONE #12 GROUNDING CONDUCTOR (PLUS ONE INSULATED, ISOLATED GROUNDING CONDUCTOR WHEN SERVING ISOLATED GROUND TYPE DEVICES) IN 1/2" CONDUIT. PROVIDE ADDITIONAL PHASE CONDUCTORS AS REQUIRED FOR "MULTIPLE PHASED" ELECTRICAL LOADS. PROVIDE ADDITIONAL "SWITCH LEG" CONDUCTORS TO PROVIDE THE LIGHT FIXTURE CONTROL INDICATED. MULTIPLE SINGLE PHASE CONDUCTORS SHALL BE GROUPED TOGETHER IN A COMMON CONDUIT IN ACCORDANCE WITH THE NEC AND AT THE CONTRACTOR'S DISCRETION. MULTIPLE SINGLE PHASE CONDUCTORS SERVING ISOLATED GROUND RECEPTACLES SHALL NOT SHARE COMMON NEUTRALS. NEUTRAL AND GROUNDING CONDUCTORS SHALL BE SHARED AS ALLOWED BY THE NEC. BRANCH CIRCUIT CONDUCTORS IN CONDUIT SHALL BE RUN CONCEALED IN WALLS AND/OR ABOVE CEILINGS, IN/OR BELOW FLOORS, EXCEPT IN EXPOSED CONSTRUCTION AREAS. FLUORESCENT LIGHTING CIRCUITS SERVING SWITCHED FIXTURES WITH EMERGENCY BATTERY BACK-UP SHALL CONTAIN ONE UNSWITCHED CONDUCTOR. FLUORESCENT DIMMING CIRCUITS SERVING DIMMING BALLASTS SHALL BE PROVIDED WITH WIRING AS REQUIRED BY BALLAST MANUFACTURER. MULTIPLE PHASE LIGHTING CIRCUITS SERVING DIMMED LOADS SHALL NOT SHARE COMMON NEUTRALS. JUNCTION BOX.

ELECTRICAL CIRCUIT RUN IN CONDUIT AND CIRCUIT HOMERUN TO PANELBOARD (PANEL AND CIRCUIT DESIGNATION AS INDICATED).

- DISCONNECT SWITCH, 240 OR 600 VOLTS AS REQUIRED. AMPS, POLES AND FUSING AS NOTED, NEMA 1, U.O.N.
- 1 KEYNOTE

#### SPECIAL SYSTEMS

- DATA OUTLET 18" A.F.F., U.O.N. DOUBLE GANG BOX WITH DEVICE PLATE. PROVIDE 1" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING. PROVIDE WITH SINGLE GANG ADAPTER.
  - TELEPHONE OUTLET 18" A.F.F., U.O.N. DOUBLE GANG BOX WITH DEVICE PLATE. PROVIDE 3/4" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING. PROVIDE WITH SINGLE GANG ADAPTER.
  - TELEVISION OUTLET 18" A.F.F., U.O.N. SINGLE GANG BOX WITH DEVICE PLATE. PROVIDE 3/4" (UON) CONDUIT WITH PULLWIRE FROM OUTLET TO ABOVE ACCESSIBLE CEILING.

#### SECURITY LEGEND

ELECTRICAL ROOM 303

NOT TO SCALE

	SECURITY CAMERA	
S	CEILING SPEAKER	

#### FIRE ALARM SYSTEMS

FIRE ALARM SPEAKER. CEILING MOUNT.

### **DEVICE PLATE NOTE:**

ALL COVERPLATES SHALL BE NYLON WITH FINISH PER ARCHITECT. ALL DEVICES (SWITCHES, RECEPTACLES, ETC) SHALL BE FINISH BY ARCHITECT (UON). COORDINATE WITH ARCHITECTURAL PLANS.

LIGHTING CONTROL COMMISSIONING: COMMISSION ALL AUTOMATIC LIGHTING CONTROLS IN ACCORDANCE

LIGHTING CONTROLS SUPPLIER.

WITH THE 2009 IECC ENERGY CODE. COORDINATE TESTING WITH

- 4#8,1#10G-1 1/4°C

- PROVIDE JUNCTION BOX ABOVE AND EXTEND EXISTING FEEDERS TO NEW DISCONNECT LOCATION. EXISTING-— EXISTING RELOCATED PANEL EXISTING 20A/3P 1 'SHL' (40A MLO, 120/208√ 'A1XE-DP4B 30/3/NF BREAKER — 400A MCB, NEW 15KVA 277/480V, ITRANSFORMER -3PH, 4W 3PH, 4W

3#12,1#12G-3/4°C -

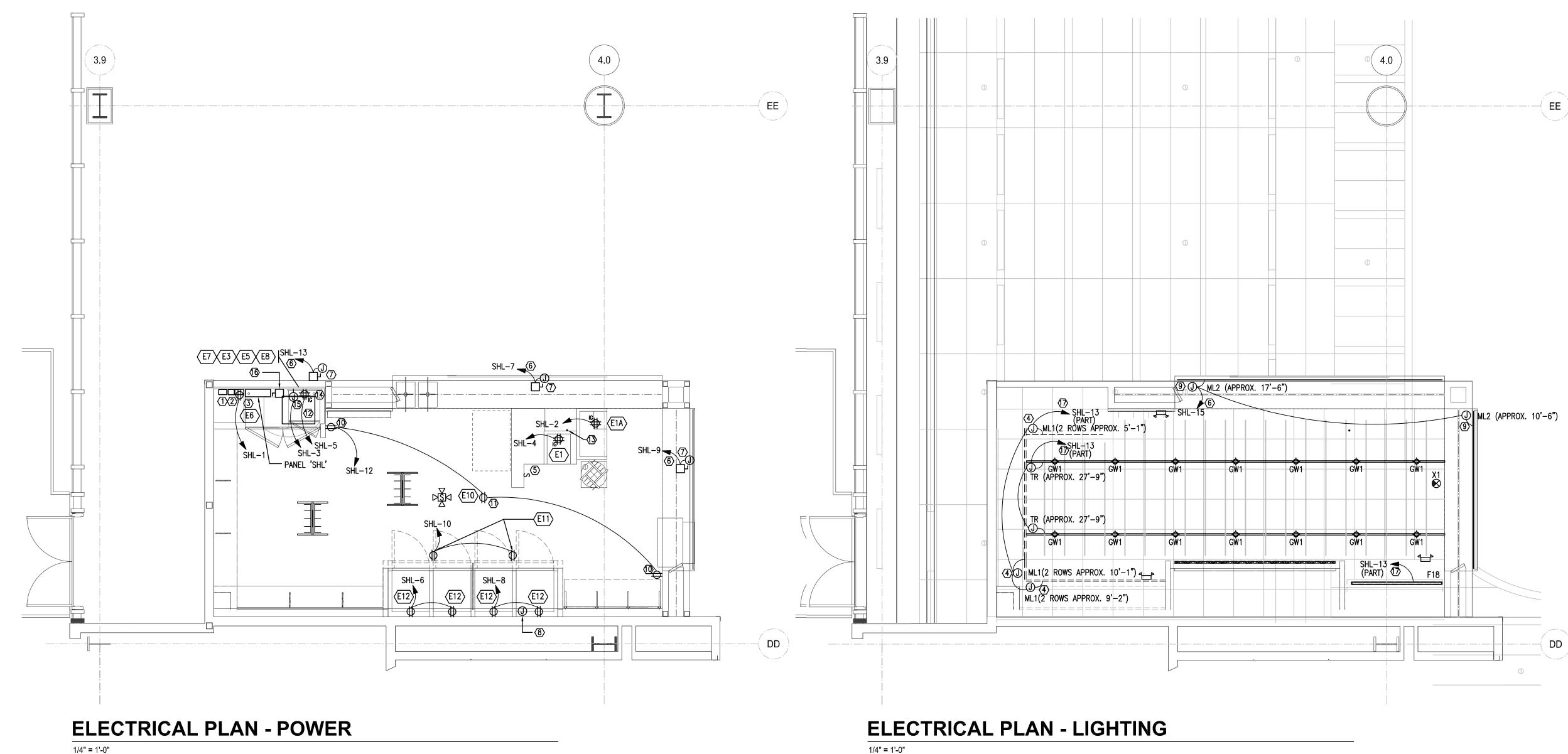
PARTIAL RISER DIAGRAM

- (1) LEA INTERNATIONAL SP200 SURGE PROCTOR. ITEM SHOWN IN THIS LOCATION FOR CLARITY. COORDINATE EXACT LOCATION WITH ELECTRICAL EQUIPMENT IN CLOSET.
- MAINTAIN ALL NEC CLEARANCES.

  (2) LIGHTING CONTACTOR. ITEM SHOWN IN THIS LOCATION FOR CLARITY. COORDINATE EXACT LOCATION WITH ELECTRICAL EQUIPMENT IN CLOSET. MAINTAIN ALL NEC CLEARANCES.
- (3) EMPLOYEE TIMECLOCK; REFER TO EQUIPMENT SCHEDULE ITEM #E6 FOR FURTHER DETAILS. ITEM SHOWN IN THIS LOCATION FOR CLARITY. COORDINATE EXACT LOCATION WITH ELECTRICAL EQUIPMENT IN CLOSET. MAINTAIN ALL NEC CLEARANCES.
- PROVIDE JUNCTION BOX FOR LIGHT FIXTURE ML1.
  COORDINATE EXACT QUANTITY AND REQUIREMENTS WITH
  MILLWORK VENDOR. ALL FIXTURE REQUIRED COMPONENTS
  TO BE HIDDEN FROM VIEW.
- (5) CONTACTOR OVERRIDE SWITCH.
- 6 CONNECT CIRCUIT VIA CONTACTOR FOR TIMECLOCK ON/TIMECLOCK OFF OPERATION.
- PROVIDE 30/2/NF DISCONNECT SWITCH FOR STOREFRONT SIGN. REFER TO ARCHITECTURAL ELEVATIONS FOR MOUNTING HEIGHT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH SIGN PROVIDER.
- (8) RELOCATE EXISTING 480V,3PH 30/3/NF SERVICE DISCONNECT TO NEW LOCATION. PROVIDE JUNCTION BOX AND EXTEND EXISTING FEEDERS TO NEW LOCATION. REUSE EXISTING CIRCUITRY TO GREATEST EXTENT POSSIBLE. REFER TO RISER DIAGRAM FURTHER INFORMATION, SHEET F-0.0
- PROVIDE JUNCTION BOX FOR LIGHT FIXTURE ML2. COORDINATE EXACT QUANTITY AND REQUIREMENTS WITH LIGHT FIXTURE VENDOR. ALL LIGHTING FIXTURE REQUIRED COMPONENTS TO BE HIDDEN FROM VIEW.
- MOUNT DUPLEX RECEPTACLE IN BASE. COORDINATE EXACT LOCATION AND ORIENTATION OF DEVICE WITH ARCHITECT.
- PROVIDE DUPLEX RECEPTACLE FOR CISCO WIFI ACCCESS POINT. WHITE DEVICE AND COVER PLATE. COORDINATE EXACT LOCATION WITH LOW VOLTAGE EQUIPMENT SUPPLIER.
- 15 KVA TRANSFORMER LOCATED UNDER IT CABINET. LOCATION MUST COMPLY WITH ALL NEC CLEARANCES. REFER TO RISER DIAGRAM FOR FURTHER INFORMATION, SHEET E-0.0.
- (3) EXISTING FLOOR SLEEVE TO BE USED FOR ALL ELECTRICAL AND DATA REQUIREMENTS AT CASHWRAP. COORDINATE EXACT REQUIREMENTS WITH CMAR.
- PROVIDE GROUND BUS WITH #6 GROUND TO ELECTRICAL SERVICE GROUND.
- PROVIDE JUNCTION BOX FOR SECURITY EQUIPMENT. COORDINATE EXACT LOCATION WITH ARCHITECT. COORDINATE EXACT REQUIREMENTS WITH SECURITY EQUIPMENT SUPPLIER.
- (6) RELOCATED 480V,3PH 30/3/NF. COORDINATE EXACT LOCATION WITH ELECTRICAL EQUIPMENT IN CLOSET. MAINTAIN ALL NEC CLEARANCES.
- 7 ROUTE CIRCUIT VIA CONTACTOR.

#### GENERAL NOTES:

PULL AND UNSWITCHED PHASE CONDUCTOR TO ALL EMERGENCY AND EGRESS LIGHTING.



٧٥.	TAG	ITEM	ELECTRICAL	FURNISHED / INSTALLED	REMARKS	NOTES
E1	CR	CASH REGISTER /POS EQUIPMENT	120V	OS / OI	SEE NOTE #5	1. FOR ALL OS/CI (OWNER-SUPPLIED/CONTRACTOR-INSTALLED) & OS/OI (OWNER-SUPPLIED/OWNER-INSTALLED) ITEMS: THE OWNER / OWNER'S VENDOR SHALL FURNISH & TRANSPORT ALL ITEMS TO THE G.C.
IA)	CR	SELF CHECK-OUT POS				THE G.C. SHALL COORDINATE THE DELIVERY TIMES AND LOCATIONS WITH THE OWNER/OWNER'S VENDOR. THE G.C. SHALL BE RESPONSIBLE FOR THE FOLLOWING:  A. ARRANGING & SECURING THE OWNER/OWNER'S VENDOR DELIVERY VEHICLES ENTRY ONTO THE AIRPORT PROPERTY
2	SC1	360 SECURITY CAMERA	120V	OS / OI	SEE NOTE #4. CAMERAS TO BE WHITE	B. ARRANGING & SECURING THE AIRPORT—APPROVED DELIVERY ROUTES ON THE AIRPORT PROPERTY & TIMES OF DELIVERY, C. ESCORTING THE OWNER/OWNER'S VENDOR DELIVERY VEHICLES ONTO THE AIRPORT PROPERTY, D. ARRANGING & SECURING AIRPORT—APPROVED VEHICLE PARKING AND UNLOADING AREAS,
3		SECURITY SYSTEM EQUIPMENT	120V	OS / OI	SEE NOTE #4	E. UNLOADING AND UNCRATING ITEMS, INSPECTING FOR COMPLETENESS OR DAMAGE, AND HANDLING/STORING ITEMS UNTIL TIME OF INSTALLATION. F. VERIFYING THAT ITEMS RECEIVED ARE NOT DAMAGED UPON DELIVERY & NOTIFYING THE OWNER/OWNER'S VENDOR OF ANY DAMAGE. ANY ITEMS DAMAGED AFTER RECEIPT SHALL BE REPAIRED OR
4	AV4	CEILING SPEAKERS — "JBL" PROFESSIONAL SERIES / CONTROL 24C/CT MICRO / 4.2"H x 7.7"DIA., COLOR TO BE 'BLACK'	120V	CS / CI	SEE NOTE #6	REPLACED BY THE G.C.  G. TRANSPORTING ALL ITEMS TO THE JOB LOCATION, ARRANGING & SECURING AIRPORT—APPROVED DELIVERY ROUTES THROUGH THE AIRPORT, INCLUDING ALL STAIRS & ELEVATORS TO BE USED  H. FOR ALL OS/CI: INSTALLING ALL ITEMS  J. FOR ALL OS/OI: SECURING & STORING ITEMS TO BE INSTALLED BY THE OWNER/OWNER'S VENDOR. THE G.C. SHALL COORDINATE STORAGE LOCATIONS WITH THE OWNER/OWNER'S VENDOR.
5		MOOD MUSIC SYSTEM	120V	OS / OI	SEE NOTE #3	K. ESCORTING OWNER'S VENDOR INSTALLATION TEAMS 2. THE G.C. SHALL VERIFY ALL POWER REQUIREMENTS WITH THE MANUFACTURER'S SPECIFICATIONS/INSTRUCTIONS FOR THE EQUIPMENT TO BE INSTALLED PRIOR TO START OF CONSTRUCTION. THE G.C. SHALL
6		EMPLOYEE TIME CLOCK	120V	0S / 0I	SEE NOTE #11	COORDINATE THE EXACT LOCATION AND SIZE OF EACH PIECE OF EQUIPMENT AND THE REQUIRED INSTALLATION CONNECTIONS WITH THE OWNER/OWNER'S VENDOR PRIOR TO INSTALLATION. THE G.C. SHALL VERI THAT THE POWER AND COMMUNICATIONS REQUIREMENTS SHOWN ON THE ELECTRICAL DRAWINGS REFLECT THE REQUIREMENTS OF THE ITEMS BEING INSTALLED.
7	CR	IT CABINET — 'PANDUIT' PANZONE 18RU HINGED WALL-MOUNT, PZWMC18P		CS / CI	G.C TO SUPPLY & INSTALL BACKBOARD FOR CABINET	3. THE OWNER'S LOW-VOLTAGE SERVICE VENDOR SHALL SUPPLY & INSTALL THE FOLLOWING UNLESS OTHERWISE NOTED: A. MOOD MUSIC SYSTEM B. CISCO WIFI - THE G.C. SHALL SUPPLY & INSTALL (1) CAT5E/6 CABLE FROM THE ACCESS POINT TO THE IT CABINET
E8 \		PATCH PANEL - "LEVITON" 5G596-U24	120V	CS / CI		C. VOICE & DATA  4. THE SECURITY SYSTEM EQUIPMENT SHALL BE INSTALLED BY THE OWNER'S LOW-VOLTAGE SERVICE VENDOR — THE G.C. SHALL SUPPLY & INSTALL THE CAMERA WIRE (RG59 SIAMESE CABLE OR SIMILAR), CONDU
10	WI1	CISCO WIFI ACCESS POINT INCLUDING POWER SOURCE, BLACK COVER 33-AP-CVR	120V	0S / 0I 0S / CI	SEE NOTE #3	J-BOXES, AND TERMINATIONS. THE G.C. SHALL CONFIRM AND COORDINATE WITH HUDSON LOSS PREVENTION FOR EXACT TYPES OF CABLE, J-BOXES, ETC. TO BE USED. CONTACT: JERRY THOMAS 1 704 507-2921  5. THE OWNER'S LOW-VOLTAGE SERVICE VENDOR SHALL COMPLETE ALL LOW-VOLTAGE TERMINATIONS. FOR EACH POS LOCATION, THE G.C. SHALL SUPPLY & INSTALL (1) QUAD RECEPTACLE AND (3) CATSE/6
11)	DS1	LED DIGITAL DISPLAY (ABOVE COOLERS)	120V	0S / 0I	SEE NOTE #8.	CABLE RUNS TO THE IT CABINET.  6. THE SPEAKERS SHALL BE FURNISHED & INSTALLED BY THE G.C THE G.C. SHALL SUPPLY & INSTALL THE SPEAKER WIRE, CONDUIT, AND TERMINATIONS. WIRE TO BE 14 GUAGE W/ PARALLEL CONNECTIONS.
12	AP1.30	30" COOLER — "IMBERA" VR27 CZ, 30"W x 34 3/5"D x 78 3/4"H	115V, 3.1A, PLUG PC-731	CS / CI		PROVIDE 4' WHIP AT IT CABINET.  7. LINE POWER FOR LOW-VOLTAGE ELECTRONIC DEVICES CANNOT BE SHARED WITH NON-LOW-VOLTAGE DEVICES.
		30 W X 34 3/3 D X 76 3/4 H	, 200 , 5 , 5 ,			8. THE OWNER'S AV SERVICE VENDOR (COMQI) SHALL SUPPLY & INSTALL THE AUDIO—VISUAL EQUIPMENT. THE G.C. SHALL SUPPLY & INSTALL (1) CAT5E/6 CABLE RUN FROM LED DISPLAY TO THE IT CABINET. THE G.C. SHALL OBTAIN MOUNTING BRACKETS FROM VENDOR AND INSTALL. THE G.C. SHALL COORDINATE POWER / DATA REQUIREMENTS & OUTLET LOCATIONS WITH THE VENDOR.
						9. ALL IT (DATA/TEL/CAMERA/SPEAKER) CABLING & TERMINATIONS SHALL BE SUPPLIED & INSTALLED BY THE G.C. DATA CABLES SHALL BE TERMINATED, TESTED, AND LABELED.
						10. FOR ALL G.C. SUPPLIED & INSTALLED CABLES, PROVIDE 8' LOOP AT EACH END AND ALL SPLITTERS AS NEEDED, U.O.N.
						11. THE G.C. SHALL SUPPLY & INSTALL (1) CAT5E/6 CABLE & (1) DUPLEX RECEPTACLE FOR THE EMPLOYEE TIME CLOCK. COORDINATE LOCATION WITH OWNER'S REP.

NO.	SYMBOL	MANUFACTURER/ITEM #	LAMP/BALLAST	REMARKS
GENE	RAL LIGHTIN	G - SEE NOTE #2		
G1W	0	LEVITON CONTECH CYL63-35K-12D1-TFC-WCLR-P	20W LED, 3500K, 2300 LUMENS, WIDE BEAM OPTIC	SUSPENDED LED CYLINDER PENDANT, TRACK MOUNT, WHITE FINISH. COORDINATE LENGTH OF CORD TO MOUNT BOTTOM OF CYLINDER AT 9'-11" AFF
TR		LEVITON CONTECH LT-(LENGTH)-P		SINGLE-CIRCUIT LINE VOLTAGE TRACK, WHITE FINISH, 120V. PROVIDE WITH 2A LIMITING DEVICE.
F18		LEVITON BIRCHWOOD BW165RF-06F00-TRMW-L075-359-WW- 10V1-UNV	7W/FT LED, 3500K, 800LM/FT	RECESSED LINEAR LED WALL—WASH, WHITE FINISH, 6'-0" LONG
ML2		LEVITON CONTECH AFSSCN-535K-R	4.6W/FT LED, 3500K, NOM. 400LM/FT	COB LED TAPE LIGHT SYSTEM. COORDINATE REMOTE LED DRIVERS AS NEEDED. PROVIDE ALL FEEDS, CONNECTORS, MOUNTING CHANNELS AND OTHER HARDWARE FOR COMPLETE FUNCTIONAL SYSTEM.
EM		EVENLITE — APERION APR—25—NC—UI—TD	(2) 25W MR11 HALOGEN	CEILING-MOUNT CONCEALED RECESSED EMERGENCY LIGHT W/ 90-MIN. NI-CADMIUM BATTERY
X1	⊗	EMERGI-LITE TA-PE-1-RC	LED	SURFACE-MOUNTED, RED LETTERS ON CLEAR BACKGROUND, 90 MINUTE BATTERY
<b>MILLW</b>	ORK LIGHTIN	IG - SEE NOTE #3	1	
ML1		FLEXFIRELEDS RENDER SERIES	6.6W/F, INTEGRAL LED, 3500K	COORDINATE REMOTE LED DRIVERS AS NEEDED. PROVIDE WITH ALL FEEDS, CONNECTORS, ETC. FOR FULLY FUNCTIONAL SYSTEM. PROVIDE GEMINI MOUNTING CHANNEL W/ FROSTED LENS. ATTACHED W/ MOUNTING CLIPS (NO TAPE). PROVIDE 2 ROWS AT MILLWORK HEADER — SEE DETAIL 2/A5.3.
NOTES:				TIENDER SEE DETRIE 2/ AO.O.
	CUIDSTITUTES A	MUST BE ARCHITECT APPROVED.		

NOTE: BASE BUILDING IS RESPONSIBLE FOR INFRASTRUCTURE ONLY IN THE MAIN CORRIDORS TO SUPPORT CABLING FROM CONCESSION VENDORS SYSTEMS. THE CONCESSION VENDORS ARE RESPONSIBLE TO FURNISH AND INSTALL THEIR SPECIAL SYSTEMS EQUIPMENT AND CABLING IN CONCESSION

AREA. NO VENDOR SYSTEMS EQUIPMENT OR CABLING SHALL TERMINATE TO AN AIRPORT IT ROOM OR AIRPORTIT EQUIPMENT.

VILAC

Atlanta, Ga 30339 404-242-6240 tel

CHARLES C ESSLINGER, PE 404-601-9859 fax

R C H
st 63rd Street, #8C

**A R**405 East 63r
New York, N

((I)) Avolta HMSHost | Hudson | Dufry

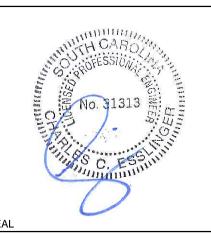
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NO. DATE REVISION/SUBMITTAL

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4-18-25 PERMIT SET

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DATE 4-4-25

JOB NUMBER 2501

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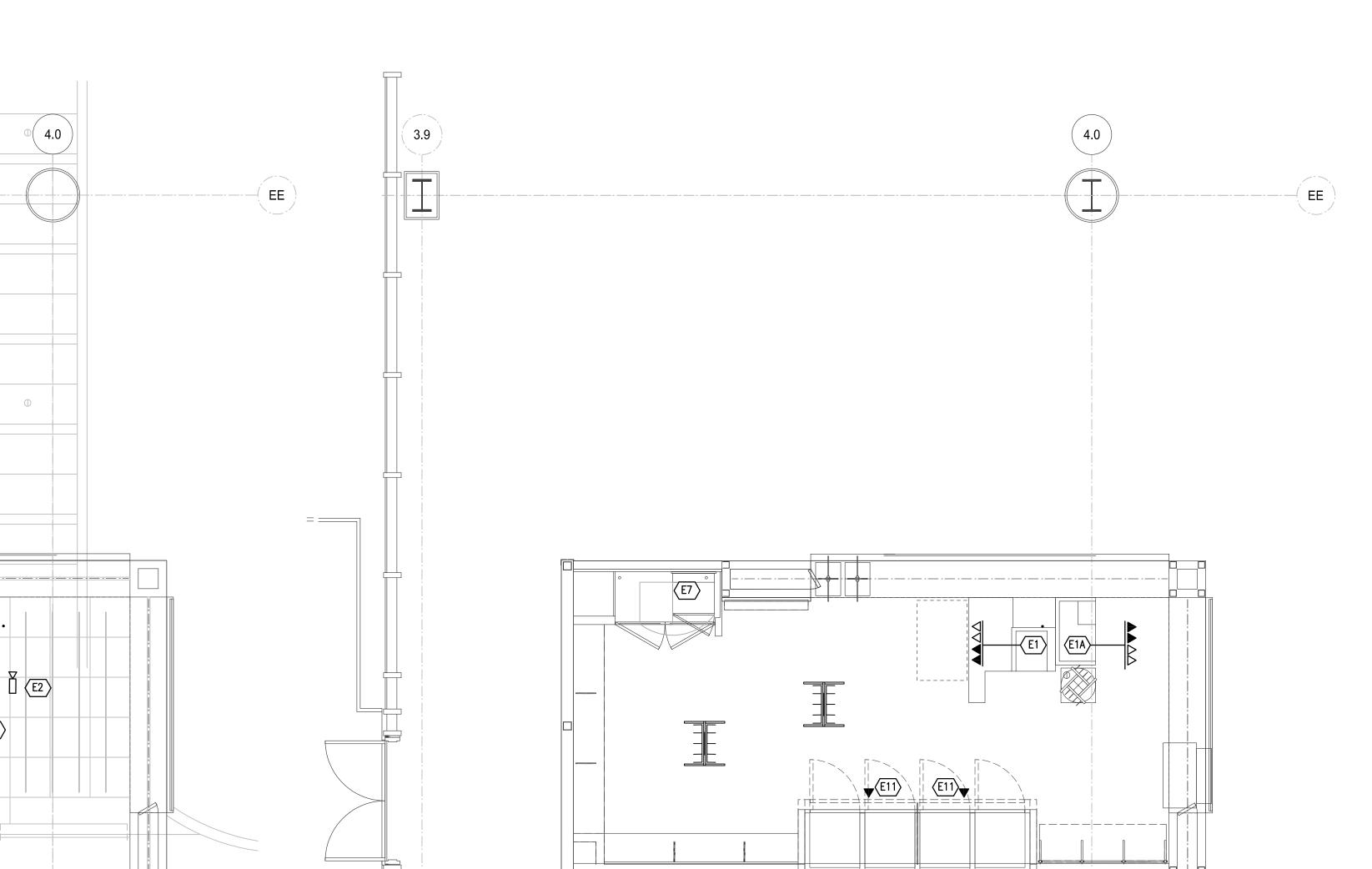
ELECTRICAL PLANS -POWER AND LIGHTING

E-1.0

- 1. ROUTE 18/4 AND CAT6 CAMERA CABLING IN 1" CONDUIT FROM EACH SECURITY CAMERA TO THE DATA RACK AND PROVIDE 8' LOOP FOR CONNECTIONS, TYP.
- 2. ROUTE SPEAKER WIRING IN 1" CONDUIT TO THE SOUND SYSTEM AT THE DATA RACK VIA THE SOUND SYSTEM INTERLOCK. SEE DETAIL THIS SHEET.
- 3. REFER TO EQUIPMENT SCHEDULE SHEET E-1.0 FOR FURTHER DETAILS.



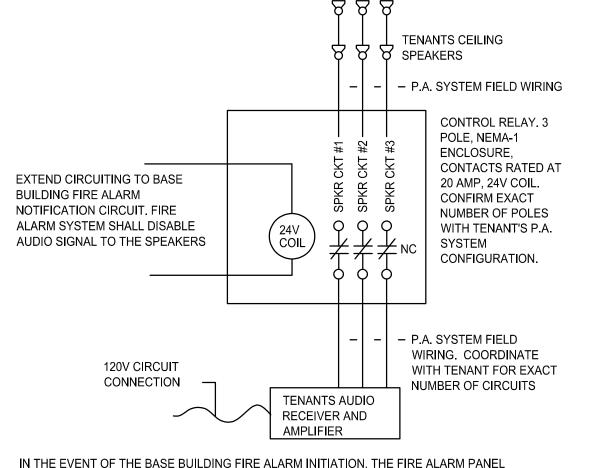
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### SPEAKER /SECURITY CAMERA LOW-VOLTAGE PLAN

PANELBOARD SCHEDULE SHL																						
MAIN: 40 A MLO	VO	LTAGE	: 208	3/120	3 PH	ASE 4	WIRE							AIC	10,00	00					MOUNTING: SURFACE	
				LOAD	(KVA)											LOAD	(KVA)					
CKT DESCRIPTION	LT	G REC	MTR	A/C	HTG	KIT		NON CON		TRIP/ POLE	PHASE	TRIP/ POLE	BKR TYP	LTG REG	CMTR	A/C	HTG	KIT		NON CON	DESCRIPTION	CK <sup>-</sup>
1 TIME CLOCK		0.2								20/1	Α	20/1		0.4							DED P.O.S. QUAD	2
3 SECURITY		0.5								20/1	В	20/1		0.4							DED P.O.S. QUAD	4
5 DATA RACK / PATCH PANEL		0.5								20/1	С	20/1	GF	0.7							IMBERA VR27	6
7 SIGNAGE		0.5								20/1	А	20/1	GF	0.7	7						IMBERA VR27	8
9 SIGNAGE		0.5								20/1	В	20/1		0.4							LED DIGITAL DISPLAYS	10
11 SIGNAGE		0.5								20/1	С	20/1		0.5	5						CONVENIENCE RECETS AND WI	FI 12
13 LIGHTING	0.	4								20/1	Α	20/1									SPARE	14
15 LIGHTING	0.	2								20/1	В	20/1									SPARE	16
17 SPARE										20/1	С	20/1									SPARE	18
19 SPARE										20/1	Α	20/1									SPARE	20
21 SPARE										20/1	В	20/1									SPARE	22
23 SPARE										20/1	С	20/1									SPARE	24
25 SPARE										20/1	Α	20/1									SPARE	26
27 SPARE										20/1	В	20/1									SPARE	28
29 SPARE										20/1	С	20/1									SPARE	30
LIGHTING:	0.6 CC	NNEC	CTED	(KVA)	)		125%	=		DEMA	ND (K)	/A)		CONNE				):		6.4	DEMAND PER	19.2 A
RECEPTACLES:	5.8 FIF	RST 10k	√A x 10	0% + F	REMAI	NING >	< 50%	=	0.0					DEMAND	) LOAI	) (KVA	<del>\</del> ):			6.6		17.1 B
MOTORS:	0.0	100	1% +25%	LARG	EST M	OTOR	LOAD	=	0.0													18.3 C
A/C:	0.0						100%	=	0.0												-	
HEATING:	0.0						100%	=	0.0					CONNEC	CTED	LOAD	(AMF	PS):		17.8	CONNECTED PER	18.3 A
KITCHEN:	0.0						100%	=	0.0					DEMAND	) LOAI	MA) C	PS):			18.2	1	16.7 B
WATER HEATER/EV CHARGER:	0.0						125%	=	0.0													18.3 C
DEDICATED/NONCONTINUOUS:	0.0						100%	=	0.0					PANEL A	AMPA	CITY	REQL	JIREI	):	1	19.2	
NOTES:	•										BR	EAKER	TYPES	S: GF=GFC	I, AF=A	FCI, S	H=SH	UNT T	RIP, S	SW=SV	MTCHED NEUTRAL, L=LOCKABLE	

HVAC NOTE: DESIGN BASIS EQUIPMENT FOR THIS PROJECT USES A1 TYPE REFRIGERANTS, INCLUDING R410A. CURRENT REFRIGERANT RULES FROM THE EPA IMPOSES RESTRICTIONS ON A1 TYPE REFRIGERANTS, INCLUDING EQUIPMENT MANUFACTURED AFTER 1/1/2025 OR INSTALLED AFTER 1/1/2026. IF CONSTRUCTION RESULTS IN EQUIPMENT CHANGES TO A2L TYPE REFRIGERANT, THERE WILL BE CHANGES REQUIRED TO MEET ASHRAE 15-2022, INCLUDING EQUIPMENT, CONTROLS, ELECTRICAL AND SAFETY REQUIREMENTS.



TEL / DATA LOW-VOLTAGE PLAN

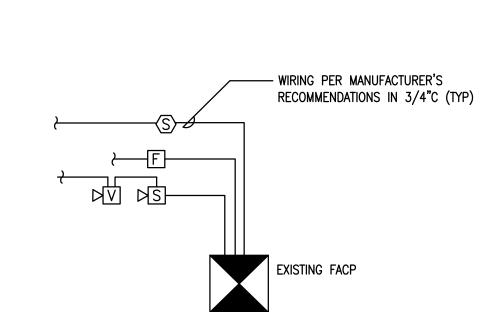
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IN THE EVENT OF THE BASE BUILDING FIRE ALARM INITIATION, THE FIRE ALARM PANEL SHALL PROVIDE AN OUTPUT SIGNAL TO INTERLOCK AND DISABLE ALL AUDIO SIGNALS WITHIN THE TENANT'S SPACE. THE TENANT'S AUDIO AMPLIFIER AND RECEIVER SHALL REMAIN "ON" BUT THE OUTPUT SIGNAL SHALL NOT BE BROADCAST THROUGH OUT THE TENANT'S SPACE SO THAT THE OCCUPANTS CAN AUDIBLY HEAR THE BASE BUILDING FIRE ALARM NOTIFICATION

> GC SHALL EMPLOY AN APPROVED AIRPORT FIRE ALARM CONTRACTOR TO INSTALL NEW FIRE ALARM DEVICES

# SOUND SYSTEM-FIRE ALARM INTERLOCK EXISTING FIRE ALARM RISER

NOT TO SCALE

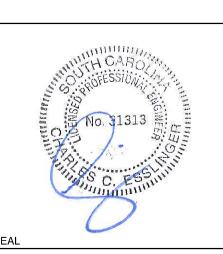


- 1. INSTALL FIRE ALARM SYSTEM IN ACCORDANCE WITH ADA AND ALL LOCAL CODES.
- 2. PROVIDING WIRING PER MANUFACTURER'S RECOMMENDATIONS.
- 3. CONNECT SYSTEM TO HVAC SYSTEM CONTROLLERS FOR SHUTDOWN OF ENTIRE HVAC SYSTEM UPON ALARM.
- 4. MODIFY EXISTING FIRE ALARM SYSTEM AS REQUIRED TO ACCEPT NEW DEVICES.

NOT TO SCALE

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DATE 4-4-25 JOB NUMBER 2501 DUFRY # 824051MYR

**ELECTRICAL PLANS -**LOW VOLTAGE AND SECURITY

E-1.1

SUBMIT SHOP DRAWINGS & PRODUCT INFORMATION FOR THE FOLLOWING:

\* SERVICE & DISTRIBUTION EQUIPMENT \* PROTECTIVE DEVICES

\* LIGHTING FIXTURES AND LAMPS \* WIRING DEVICES AND COVER PLATES

1. DISTRIBUTION EQUIPMENT; RATED FOR 240 OR 600 VAC, 60 HZ, FAULT CURRENT INTERRUPTING CAPACITY AS INDICATED, IN AMPERES, RMS, SYMMETRICAL, BUT NOT LESS THAN 10,000 AMPS, WITH SOLID NEUTRAL GROUND (S/N); ABB/GENERAL ELECTRIC (ABB-G.E.), SCHNEIDER ELECTRIC/SQUARE-D, SIEMENS-ALLIS ITE PRODUCTS, EATON/CUTLER HAMMER.

2. DISTRIBUTION EQUIPMENT USING CIRCUIT BREAKER TYPE PROTECTIVE DEVICES; BOLTED-ON OR 'SQUARE D' I-LINE DEVICES.

PANELBOARDS; FACTORY ASSEMBLED, MINIMUM WIDTH OF 20 INCHES, A MINIMUM DEPTH OF 5-3/4 INCHES, AND MINIMUM MAINS RATED 100 AMPERES, WITH POLE 'SPACES'; BUSSED AND READY FOR INSTALLATION OF PROTECTIVE DEVICES. CABINETS; FULL SIZED SINGLE DOORS WITH CHROMIUM PLATED COMBINATION CYLINDER LOCK AND CATCH AND TWO KEYS. "ABB/GENERAL ELECTRIC" OR EQUAL: TYPE "NLAB" W/ Q-LINE BRANCH CIRCUIT BREAKERS; TYPE "NHB" WITH E-FRAME BREAKERS.

PANELBOARD MAINS; COPPER OR ALUMINUM WITH BRANCH CONNECTIONS IN VERTICALLY DISTRIBUTED CONSECUTIVE PHASE SEQUENCE SUCH THAT ONE OR MULTIPLE POLE BREAKERS CAN BE MOUNTED IN ANY POSITION. SOLID NEUTRAL BUS; WITH A FEEDER LUG AND WITH A

PANELBOARD MOUNTING; TOP OF ENCLOSURE 78 INCHES ABOVE THE FINISHED FLOOR/GRADE, WITH THE BOTTOM OF THE CABINET NOT CLOSER THAN 6 INCHES TO THE FLOOR/GRADE, PROPERLY ALIGNED AND SUPPORTED INDEPENDENTLY OF THE CONNECTING RACEWAYS. COMPLETE INSIDE

6. DISCONNECT SWITCHES; 'HEAVY-DUTY' RATED WITH QUICK-MAKE AND QUICK-BREAK MECHANISMS. PROVIDE GROUND LUGS AND CODE REQUIRED ACCESSORIES. SWITCHES LOCATED OUTSIDE; 'NEMA-3R' ENCLOSED TYPE WITH LOCKING HASP.

7. PROVIDE AN ENCLOSED SWITCH FOR ELECTRICALLY SERVED EQUIPMENT. PROVIDE SWITCHES & FUSES, INCLUDING HEATER ELEMENTS, RATED PER THE CHARACTERISTICS AND NAMEPLATE RATINGS OF EQUIPMENT IN ACCORDANCE WITH CODE REQUIREMENTS, MANUFACTURER'S RECOMMENDATIONS AND CHARTS. PROVIDE SWITCHES WITH CODE REQUIRED ACCESSORIES.

FUSED SWITCHES IN BRANCH CIRCUITS; NON-RENEWABLE CARTRIDGE FUSES RATED 250 OR 300 VAC OR 600VAC AS FOLLOWS:

SIZES 1 - 200 AMPS: DUAL ELEMENT, CURRENT LIMITING FUSES, CLASS 'RK-1', OR 'RK-5', SELECTED TO PROVIDE STARTING AND LIMIT LET—THRU CURRENT. OTHER RATINGS, SIZES OR SPECIAL APPLICATIONS AS INDICATED.

9. STATIONARY FRACTIONAL HORSEPOWER MOTORS NOT PROVIDED WITH INTEGRAL MOTOR RUNNING OVERLOAD PROTECTION, OR INHERENTLY PROTECTED BY DESIGN; SWITCHED BY A FRACTIONAL HORSEPOWER STARTER PROVIDING SUPPLEMENTARY PROTECTION.

10. STARTERS AND DISCONNECT SWITCHES; ENCLOSED QUICK-MAKE AND QUICK-BREAK MECHANISMS.

11. BRANCH CIRCUIT BREAKERS; MOLDED CASE, AUTOMATIC TRIPPING TYPE, BOLT-ON OR I-LINE CONSTRUCTION, MINIMUM FRAME SIZE OF 100 AMPS AND A MINIMUM TRIP SIZE OF 15 AMPS, CALIBRATED FOR 40°C. PROVIDE SUITABLE TYPE BREAKERS SERVING HIGH INRUSH CIRCUITS FOR

12. GROUP SINGLE-POLE BREAKERS USED FOR MULTI-WIRE CIRCUITS CONSECUTIVELY ON THE SAME

### CONDUCTORS; SOFT DRAWN, ANNEALED COPPER WITH CONDUCTIVITY OF NOT LESS THAN 98

- 2. CONDUCTOR SIZE NUMBERS; AMERICAN WIRE GAUGE (AWG. SYSTEM, STANDARD TRADE SIZES.
- 3. CONDUCTORS; COLOR CODED PER CODE AND UTILITY CO.
- - No.10 AWG SIZEAND SMALLER: SOLID OR STRANDED. No.8 AWG SIZE AND LARGER; STRANDED. STRANDED CONDUCTORS; CLASS 'B' OR 'C'.
  - CONTROL CIRCUITS; MINIMUM AWG No.14. POWER AND LIGHTING BRANCH CIRCUITS; AWG # 12 FOR GENERAL CIRCUITS NOT REQUIRING DERATING OR SIZE INCREASE TO REDUCE VOLTAGE DROP.
- USE A SEPARATE LUG FOR EACH CONDUCTOR WHERE MULTIPLE CONDUCTORS ARE CONNECTED TO THE SAME ELECTRICAL TERMINAL POSITION
- BRANCH CIRCUIT CONDUCTORS; UNSPLICED EXCEPT WHERE CIRCUITS ARE SHOWN TO DIVIDE BY
- GENERAL WIRING CONDUCTORS OPERATING AT 600 VOLTS AND BELOW; RATED 60 HERTZ, 600 VOLTS, WITH 75oC OR 90oC INSULATION AS FOLLOWS: FEEDER CONDUCTORS: RATED FOR WET LOCATIONS OF 'THW', 'THWN' OR 'XHHW'.
  - BRANCH CONDUCTORS RATED FOR: \* WET LOCATIONS, OR LOCATIONS LOCATED BELOW GRADE OR ENCASED IN SLAB
    ON GRADE, OF 'THW', 'THWN' OR 'XHHW'.

    \* DRY LOCATIONS OF 'THW', 'THWN', 'XHHW' OR 'THHN'.
  - RATED LIGHTING CONDUCTORS FOR CIRCUITS REQUIRING 90°C RATING; 'THHN' OR 'XHHW', OR OTHER APPROVED TYPE. D. JOINTS ON CONDUCTORS RATED ABOVE 75oC; TAPED OR MADE-UP WITH MATERIALS HAVING A SUITABLE HIGH TEMPERATURE RATING.

INSTALL WIRING IN METALLIC, RIGID TYPE RACEWAYS ABOVE ACCESSIBLE CEILINGS, MC CABLE SHALL BE PERMITTED TO BE USED IN NON-ACCESSIBLE AREAS.

RUN RACEWAYS AND CABLE CONCEALED, EXCEPT RACEWAYS IN EQUIPMENT ROOMS RUN EXPOSED.

#### 3. RACEWAYS IN ORDINARY LOCATIONS:

- INSIDE (NOT IN WET OR DAMP LOCATIONS OR EXPOSED TO MECHANICAL INJURY); STEEL, ELECTRICAL METALLIC TUBING (EMT) OR MC CABLE.
  EXPOSED OUTSIDE, THROUGH OUTSIDE WALL OR ROOF, OR THROUGH TWO—HOUR OR MORE
- RATED FIRE BARRIERS; GALVANIZED RIGID STEEL (GRS) CONDUIT MADE UP WATER TIGHT.
  FINAL CONNECTION IN DRY LOCATIONS SERVING LIGHTING FIXTURES; FLEXIBLE METAL
- CONDUIT OR FLEXIBLE METALLIC TUBING.
- CONNECTIONS TO MOTORS, OR TO COMPONENTS IN WET OR DAMP LOCATIONS, LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LT FLEX).
- 4. RIGID STEEL GRS, AND STEEL IMC; HOT DIP GALVANIZED
- 5. STEEL EMT; HOT DIP GALVANIZED OUTSIDE, AND ENAMEL OR GALVANIZED FINISHED INSIDE.
- 6. EMT COUPLINGS AND CONNECTORS; METAL AS FOLLOWS: \* RAINTIGHT, HEX-NUT, EXPANSION- GLAND COMPRESSION STEEL, FOR ANY WET OR DAMP LOCATION OR FEEDER (OR SUB-FEEDER... \* SET-SCREW OR TAP-ON, STEEL OR CAST METAL, FOR DRY LOCATIONS.
- 7. CIRCULAR RACEWAYS; MINIMUM TRADE SIZE AS FOLLOWS:
  - 1/2-INCH; GENERAL. 3/4-INCH; 'HOMERUN' CIRCUIT WIRING; MORE THAN (3) CONDUCTORS.

- 8. SIZE RACEWAYS TO ACCOMMODATE THE ENCLOSED CONDUCTORS.
- PROVIDE JUNCTION OR PULL BOXES TO AVOID EXCESSIVE RUNS OR BENDS BETWEEN OUTLETS,
- 10. SUPPORT CONCEALED CONDUIT ABOVE THE CEILING INDEPENDENTLY OF CEILING CONSTRUCTION. INSTALL CONDUITS HIGH ABOVE LAY—IN CEILINGS TO PERMIT REMOVAL OF CEILING PANELS OR
- . INSTALL EXPOSED RACEWAYS PARALLEL OR PERPENDICULAR TO STRUCTURAL MEMBERS AND ARCHITECTURAL FEATURES. INSTALL CONCEALED CONDUIT RACEWAYS WITH AS FEW BENDS AS FEASIBLE, COORDINATED WITH STRUCTURAL, MECHANICAL AND ARCHITECTURAL REQUIREMENTS. ROUTE RACEWAYS TO AVOID 'TRAPPING' WHERE PRACTICABLE.

1. EQUIPMENT ENCLOSURES, BOXES, & COVERS; GALVANIZED STEEL, MALLEABLE IRON, GRAY IRON, OR COPPER-FREE ALUMINUM. SCREWS; STAINLESS STEEL; ALUMINUM FOR ALUMINUM BOXES.

FLUSH MOUNTED WITH CONCEALED RACEWAYS OR FLUSH MOUNTED DEVICES.

SURFACE MOUNTED TYPE IN EQUIPMENT ROOMS, WITH EXPOSED RACEWAYS AND OTHER

3. BOXES FOR USE WITH GENERAL RACEWAY SYSTEMS; 4 INCHES SQUARE OR OCTAGONAL SIZE, NOT BE LESS THAN 1-1/2 INCHES DEEP, EXCEPT WHERE SHALLOWER BOXES ARE REQUIRED BY STRUCTURAL CONDITIONS. 4 BY 2 INCH BOXES; WHERE ONLY ONE RACEWAY ENTERS AN OUTLET BOX, OR WHERE NEEDED TO MATCH DEVICES AND/OR MOUNTING HARDWARE

4. BOXES FOR RACEWAY SYSTEMS SERVING CEILING 'POWER' GRID SYSTEMS OR LIGHTING FIXTURES; SIZE 4-11/16 INCH SQUARE BOXES, 42 CU. IN. USE EXTENSION RINGS OR LARGER BOXES IF NECESSARY TO MEET CU. IN. CAPACITY REQUIRED BY CODE. ENCLOSURES AND BOXES; VOLUME AND REQUIRED WIRE BENDING AND GUTTER SPACE AND

6. DO NOT INSTALL BOXES BACK-TO-BACK. DO NOT USE THRU-WALL TYPE BOXES. SEPARATE BOXES IN THE SAME FIRE RATED WALL BY EITHER SOLID STUDS, OR A MINIMUM DISTANCE ESTABLISHED BY LOCAL BUILDING OFFICIALS; SEAL CONNECTING CONDUIT TO PREVENT THE TRANSMISSION OF HEAT, SMOKE, AND NOISE, WITH SEALING METHOD AS APPROVED BY THE FIRE MARSHAL.

7. DO NOT USE SUSPENDED CEILING CONSTRUCTION TO SUPPORT RACEWAYS, BOXES OR OTHER ITEMS, EXCEPT AS ALLOWED BY CODE AND ACCEPTED BY THE ARCHITECT IN WRITING.

SWITCHES; STANDARD LINE STYLE, MAINTAINED, 15 OR 20 AMPS, 120-277 VAC, QUIET OPERATING, FLUSH MOUNTING, BY LEVITON, 'SPEC-MASTER, COMMERCIAL SPEC. GRADE' SERIES, HUBBELL OR

2. RECEPTACLES; STANDARD LINE STYLE, STRAIGHT BLADE, 2-POLE, 3-WIRE GROUNDING TYPE, RATED 125 VAC, 15 OR 20 AMPS, BY LEVITON, 'SPECMASTER, 'COMM. SPEC. GRADE' SERIES, HUBBELL OR

3. DIMMER SWITCHES; RATED FOR FULL RANGE DIMMING OF 120 VAC LOADS, EITHER FLUORESCENT OR INCANDESCENT, KNOB OR SLIDE CONTROLLED W/ FULL OFF POSITION, FLUSH MOUNTABLE IN STANDARD 1—GANG OR 2—GANG BOXES. ARCHITECTURAL STYLE, THIN PROFILE TYPES, BY LEVITON, 'COMM. SPEC. GRADE' SERIES, LUTRON OR LITHONIA.

4. GROUND FAULT CIRCUIT INTERRUPTED (GFCI) RECEPTACLES; U.L. LISTED FOR PERSONNEL PROTECTION AGAINST LINE-TO- GROUND SHOCK HAZARD. GFCI RECEPTS.; DUPLEX, 'DECORA STYLE' BY LEVITON, 'COMM, SPEC, GRADE', HUBBELL OR ARROW HART.

- 5. KEYLESS LAMPHOLDER: WHITE PORCELAIN, 660 WATTS AT 250 VOLTS; LEVITON, CAT. No. 9875-2.
- 6. LOW VOLTAGE SWITCHES & COMPONENTS: ABB/GENERAL ELECTRIC, 24-VOLT SYSTEM.
- 7. COVER PLATES: FOR FLUSH, INSIDE, WALL MOUNTED DEVICES; LEVITON.
- 8. MOUNT DEVICES RECESSED FOR FLUSH INSTALLATION. PROVIDE COVER PLATES FOR EACH DEVICE. 9. ALIGN DEVICES AT DIFFERENT LEVELS VERTICALLY. GROUP DEVICES AT THE SAME LEVEL USING
- 10. LOCATE WALL SWITCHES ON THE STRIKE SIDE OF A DOOR, SIX (6) INCHES FROM THE OPENING.
- 11. MOUNT SMALL FLUSH MOUNTED MOTOR DEVICES IN STANDARD DEVICE BOXES.
- 12. INSTALL WIRING DEVICES WITH TOP-OF-BOX MOUNTING HEIGHTS ABOVE FINISHED FLOORS BETWEEN 18 INCHES AND 48 INCHES. AS REQUIRED BY HANDICAPPED CODES.
- 13. COVER PLATES FOR FLUSH, DRY, ORDINARY LOCATIONS; STANDARD SIZE ONE PIECE. WIRING DEVICES AND COVER PLATE FINISHES; AS INDICATED BY THE PLANS.

PROVIDE ALL LAMPS AT 3500K, UNLESS NOTED OTHERWISE.

FIXTURE CRI SHALL MEET OR EXCEED THAT SPECIFIED IN FIXTURE SCHEDULE INCLUDED WITHIN CONTRACT DOCUMENTS. WHERE NO CRI IS SCHEDULE, CRI SHALL BE 80 OR GREATER.

ALL LED DRIVERS SHALL HAVE AN OPERATING EFFICIENCY OF AT LEAST 85%, MINIMUM STARTING TEMPERATURE OF AT LEAST -40DEGREES CELSIUS, VOLTAGE INPUT/PHASE AS SPÉCIFIED IN FIXTURE SCHEDULE.

- 4. ALL LED FIXTURES SHALL COME EQUIPPED WITH INTEGRAL HEAT DISSIPATION SYSTEMS.
- LED FIXTURES SHALL HAVE LED SOURCES AND DRIVERS THAT ARE ACCESSIBLE FROM THE EXPOSED SID OF THE FIXTURE AND DO NOT REQUIRE REMOVAL OF FIXTURE FOR LED SOURCE AND/OR DRIVER REPAIR/REPLACEMENT.
- GROUNDING: GROUND ELECTRICAL SYSTEMS, EQUIPMENT, AND SUPPORTING STRUCTURES. PROVIDE BONDING JUMPERS WHERE NECESSARY. MECHANICALLY AND ELECTRICALLY SECURE METAL RACEWAYS AND FITTINGS, JOINTS AND CONNECTIONS AT EQUIPMENT TO PROVIDE AN GROUNDING MEANS. METAL RACEWAYS; ELECTRICALLY CONTINUOUS THROUGHOUT THEIR LENGTH FOR AN EFFECTIVE GROUNDING PATH TO THE POWER SERVICE DISCONNECT SWITCH.
  - INSTALL GROUNDING CONDUCTORS WITHOUT JOINT OR SPLICE TO THE GREATEST PRACTICAL
- PROVIDE FOR EACH RACEWAY A GREEN #12 GROUNDING CONDUCTOR IN ADDITION TO BRANCH CONDUCTORS INDICATED.
- DO NOT SPLICE MAIN BONDING JUMPER. CONFIRM THAT A MAIN BONDING JUMPER IS PROVIDED AT THE POINT OF SERVICE ONLY.

TEST INDIVIDUAL SYSTEMS AND COMPONENTS FOR FULL FUNCTIONAL REQUIREMENTS. PERFORM TESTS AS REQUIRED BY CODE, LOCAL PRACTICES, OR AS REASONABLY REQUIRED BY THE OWNER'S REPRESENTATIVE WHERE A QUESTION ARISES AS TO THE PROPER INSTALLATION OR

2. PROVIDE TESTING INSTRUMENTS, PROCEDURES, AND DOCUMENTATION.

OPERATION OF MATERIALS.

1. SELECT, SIZE, AND ASSEMBLE FOUNDATIONS, SUPPORTS, AND FASTENERS.

- BOLTS, BEAM CLAMPS, OR DRIVEN OR WELDED STUDS ON STEEL WORK TOGGLÉ BOLTS ON HÓLLOW TILE OR CONCRETE BLOCKS
- POWER DRIVEN STUDS MAY BE USED ON STEEL AND SOLID CONCRETE WHERE ACCEPTED BY THE OWNER'S REPRESENTATIVE.

MAJOR COMPONENTS OF THE DISTRIBUTION SYSTEM SUCH AS THE PANELBOARD SHALL HAVE PERMANENT NAMEPLATES FOR EQUIPMENT IDENTIFICATION.

4. SEAL CONDUITS ROUTED BETWEEN SPACES OF DIFFERENT AMBIENT TEMPERATURES, SUCH AS

5. INSTALL RACEWAY OR CABLE, ETC. THAT PENETRATES A FIRE BARRIER, WITH MATERIALS AND METHODS APPROVED FOR APPLICATION BY BUILDING OFFICIALS. IDENTIFY EACH FIRE BARRIER FROM THE ARCHITECTURAL PLANS, AND FOR SECURE APPROVAL OF MATERIALS AND METHODS FOR

TELEPHONE SYSTEM ROUGH—IN:

1. CONTACT THE TELEPHONE CO., COORDINATE THE WORK TO MAKE THE INSTALLATION READY FOR THE TELEPHONE COMPANY, INCLUDING CABINETS, RACEWAYS AND PULL WIRES, RACEWAY SYSTEM BOXES, DEDICATED ELECTRICAL BRANCH CIRCUITS AND RECEPTACLES, DEDICATED GROUNDING

2. PROVIDE COMPLETE ENCLOSED RACEWAYS WITH MEASURED PULL CORDS FOR FUTURE USE BY OTHERS. PROVIDE A 3/4" PVC CONDUIT FROM EACH MAIN CABINET OR BACKBOARD LOCATION TO NEAREST ACCESSIBLE, GROUNDED, METAL COLD WATER PIPE, AND A #6 SOLID COPPER CONDUCTOR BONDED TO THE WATER PIPE AND COILED FOR USE IN GROUNDING EQUIPMENT.

2. FASTENINGS FOR SECURING CONDUIT RUNS, LIGHT APPARATUS

STEEL ANCHORS OF THE SELF-DRILLING OR NON-DRILLING TYPES ON SOLID CONCRETE OR

REFRIGERATED SPACES OR OUTDOOR AREAS, TO PREVENT CIRCULATION OF AIR.

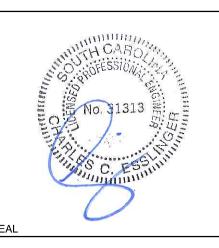
CONDUCTORS, AND MISCELLANEOUS MATERIALS OR DEVICES.

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((I)) Avolta HMSHost | Hudson | Dufry

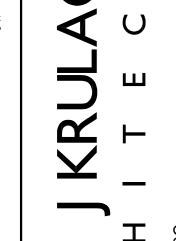
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DATE JOB NUMBER 2501 DUFRY # 824051MYR

**SPECIFICATIONS** 



((I)) Avolta
HMSHost | Hudson | Dufry

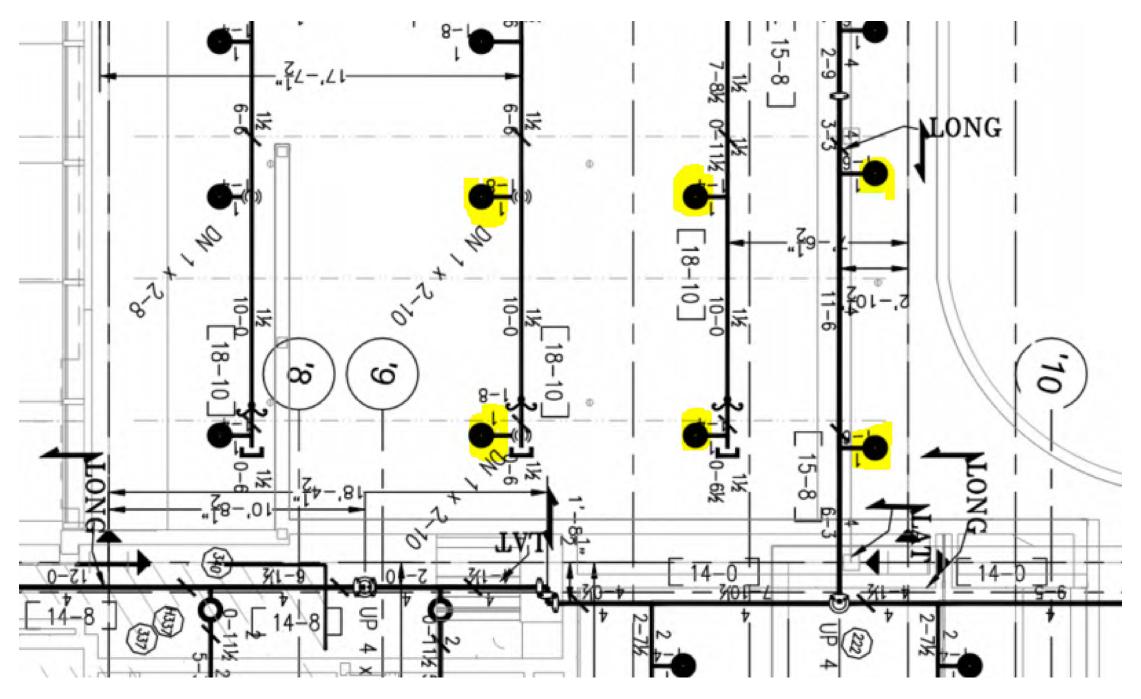
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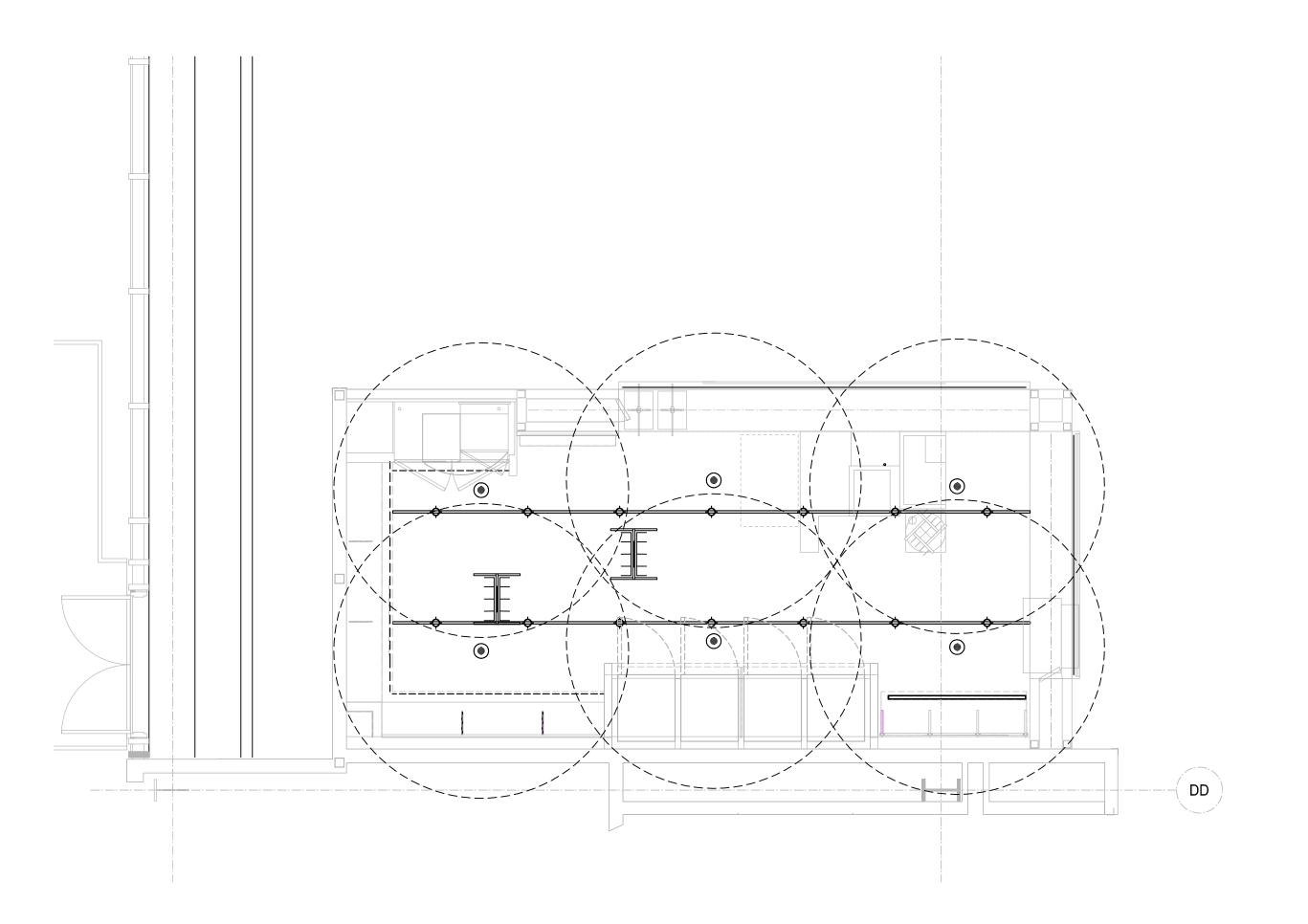


### **EXISTING CONCOURSE CEILING FIRE PROTECTION**

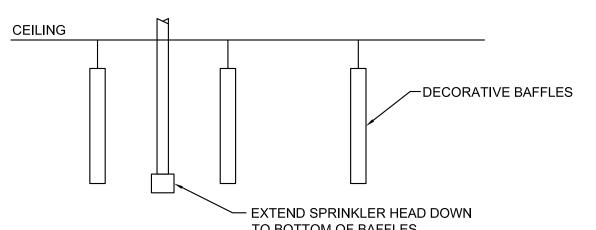
Base building design of sprinkler system in this area includes layout for high ceiling originally to be installed overhead of concessionaire space. Coordinate with state Fire Marshall to utilize scope provided in this area for concessionaire space.

### SECTION 21525 FIRE PROTECTION SYSTEMS

- A. SPRINKLER SHOP DRAWINGS SHALL BE PROVIDED, STAMPED AND SIGNED BY A LICENSED FIRE PROTECTION ENGINEER. SPRINKLER SHOP DRAWINGS AND COMPLETE HYDRAULIC CALCULATIONS SHALL BE PROVIDED FOR APPROVAL SHOWING THE PROPOSED LAYOUT OF PIPING BASED UPON HYDRAULIC CALCULATIONS. FOR THE PURPOSES OF THE TENANT REVIEW AND PERMIT APPLICATION, THE ENGINEER IS TO INCLUDE THE SPRINKLER HEAD LAYOUT IN THE CONSTRUCTION DRAWINGS. SHOP DRAWINGS SHALL INDICATE ALL PIPING NEW AND EXISTING PIPING SIZES, PIPE ELEVATIONS, CEILING TYPES AND CEILING ELEVATIONS.
- B. FIRE PROTECTION SYSTEM SHALL CONFORM TO NFPA 13 AND ALL LOCAL CODE REQUIREMENTS.
- C. FIRE PROTECTION SYSTEM DESIGN SHALL BE SUBJECT TO THE APPROVAL OF THE FIRE MARSHAL AND THE OWNER'S UNDERWRITER.
- D. NOT USED.
- E. PIPING 2" AND LARGER SHALL BE SCHEDULE 10 WITH ROLL GROOVED VICTAULIC JOINTS.
- F. PIPING SMALLER THAN 2" SHALL BE SCHEDULE 40 STEEL WITH THREADED JOINTS AND MALIABLE IRON FITTINGS.
- G. THE USE OF LIGHTWALL PIPING SUCH AS ALLIED XL / BLT, IS NOT ACCEPTABLE.
- H. SPRINKLER HEADS LOCATED IN LAY-IN CEILINGS SHALL BE SEMI-RECESSED CHROME PLATED.
- I. SPRINKLER HEADS LOCATED IN HARD CEILINGS SHALL BE FULLY RECESSED WITH COVER MATCHING THE COLOR OF THE CEILING.
- J. AREAS WITH NO CEILINGS SHALL HAVE UPRIGHT, BRASS HEADS.
- K. FIRE PROTECTION SYSTEM SHALL BE TESTED PRIOR TO OWNER ACCEPTANCE.
- L. THE SYSTEMS SHALL BE HYDRAULICALLY DESIGNED BY A LICENSED FIRE PROTECTION CONTRACTOR USING A WATER FLOW TEST THAT HAS BEEN PERFORMED WITHIN 12 MONTHS PRIOR TO THE PROPOSED INSTALLATION. IF A CURRENT WATER FLOW TEST IS UNAVAILABLE, THE CONTRACTOR SHALL BE REQUIRED TO PERFORM A FIRE-HYDRANT FLOW TEST ACCORDING TO NFPA 13 AND NFPA 291.



### FLOOR PLAN - FIRE PROTECTION



# SPRINKLER HEAD DETAIL

### GENERAL SPRINKLER NOTES:

- 1. SEE ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING DETAILS.
- 2. COORDINATE ALL WORK WITH BUILDING ENGINEER.
- 3. SPRINKLER HEAD LOCATIONS ARE SHOWN FOR INFORMATION ONLY. CONTRACTOR SHALL COORDINATE WITH ACTUAL CEILING EQUIPMENT INSTALLATION AND PROVIDE SPRINKLER HEADS IN LOCATIONS AS PER NFPA 13. COORDINATE WITH ARCHITECT FOR FINISH TYPE ON SPRINKLER HEADS.
- 4. ALL AREAS TO BE ORDINARY HAZARD GROUP I.

SPRINKLER	SPRINKLER HEAD LEGEND										
SYMBOL	DESCRIPTION										
0	UPRIGHT HEAD										
$\otimes$	DRY PENDANT										
•	PENDENT										
	CONCEALED										

NG	$\mathbb{N}$			
				-DECORATIVE BAFFLES
		<u> </u>	D CDDIVII	

TO BOTTOM OF BAFFLES.

DATE 4-4-25
JOB NUMBER 2501
DUFRY # 824051MYR

FIRE PROTECTION PLAN

- 1. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE MECHANICAL SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
- 2. DRAWINGS ARE SCHEMATIC IN NATURE AND SHALL NOT BE SCALED.
- 3. ALL REQUIRED PERMITS & INSPECTIONS SHALL BE SECURED & PAID FOR UNDER THIS CONTRACT. INSPECTION CERTIFICATIONS SHALL BE PROVIDED TO THE OWNER.
- 4. CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. IF EXISTING CONDITIONS DIFFER FROM DESIGN DOCUMENTS IN SUCH A MANNER THAT AFFECTS PRICING, THE CONTRACTOR SHALL ADJUST THE BID ACCORDINGLY AND NOTIFY THE OWNER & ENGINEER PRIOR TO SUBMITTING THE BID. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE REGARDING THE EXISTING CONDITIONS.

#### B. VIBRATION ISOLATION

1. VIBRATION ISOLATION SHALL BE PROVIDED FOR ALL MOTOR DRIVEN EQUIPMENT SUSPENDED FROM STRUCTURE OR MOUNTED ON FLOOR. VIBRATION ISOLATORS SHALL BE SIZED PER EQUIPMENT MANUFACTURER'S REQUIREMENTS.

#### C. IDENTIFICATION

1. PERMANENT BAKELITE TAGS WITH 1" TALL LETTERS SHALL BE PROVIDED FOR ALL EQUIPMENT. EQUIPMENT NUMBERING SHALL MATCH BUILDING STANDARDS.

#### D. STARTERS

- 1. ALL MOTORS SHALL BE PROVIDED WITH MAGNETIC MOTOR STARTERS WITH OVERLOAD PROTECTION.
- 2. STARTERS SHALL BE PROVIDED WITH HAND-OFF-AUTO SWITCHES.
- 3. INDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 1 ENCLOSURE.
- 4. OUTDOOR MOTOR STARTERS SHALL BE FURNISHED WITHIN A NEMA 3R ENCLOSURE.

#### E. SUBMITTALS & SHOP DRAWINGS

1. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS & PRODUCT DATA FOR ALL MECHANICAL EQUIPMENT & SYSTEMS TO BE PROVIDED AND/OR INSTALLED.

#### F. SUBSTITUTE MANUFACTURERS

- 1. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION & COST OF ALL CHANGES REQUIRED FOR INSTALLATION OF EQUIPMENT & PRODUCTS MANUFACTURED BY THOSE OTHER THAN WHAT IS SPECIFIED IN THE CONTRACT DOCUMENTS.
- 2. CAREFULLY COORDINATE SUBSTITUTE MANUFACTURER'S INSTALLATION REQUIREMENTS WITH ALL OTHER TRADES INCLUDING BUT NOT LIMITED TO STRUCTURE, ELECTRICAL, PLUMBING AND ARCHITECTURAL. ALL INSTALLATION COSTS ASSOCIATED WITH INSTALLATION OF SUBSTITUTE MANUFACTURER SHALL BE INCLUDED IN BID. NO ALLOWANCES SHALL BE GIVEN FOR CHANGES ASSOCIATED WITH INSTALLATION OF SUBSTITUTE EQUIPMENT & SYSTEMS.
- 3. LISTING OF A MANUFACTURER AS AN "EQUAL" DOES NOT RELIEVE CONTRACTOR'S RESPONSIBILITY OF COORDINATION & COST ASSOCIATED WITH CHANGES REQUIRED TO OTHER TRADES.

- 1. CONTRACTOR SHALL WARRANT ALL EQUIPMENT, MATERIALS AND WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE (1) YEAR.
- ALL HVAC COMPRESSORS SHALL BE WARRANTED FOR A PERIOD OF NOT LESS THAN 5 YEARS.

#### H. AS-BUILT DRAWAINGS

1. CONTRACTOR SHALL KEEP REDLINE SET OF DRAWINGS ON SITE DURING CONSTRUCTION TO UPDATE LOCATION OF ALL EQUIPMENT AND SYSTEMS AS THE CONSTRUCTION PROGRESSES. REDLINE SET OF DRAWINGS SHALL BE TURNED OVER TO OWNER AT COMPLETION OF CONSTRUCTION.

#### I. OPERATION & MAINTENANCE MANUALS

1. CONTRACTOR SHALL PROVIDE AN ELECTRONIC SET AND ONE (1) SET OF HARD COPIES OF INSTALLATION AND MAINTENANCE MANUALS FOR ALL EQUIPMENT & SYSTEMS PROVIDED UNDER THIS CONTRACT.

#### J. INSTRUCTION

1. CONTRACTOR SHALL THOROUGHLY INSTRUCT OWNER ON OPERATION AND RECOMMENDED MAINTENANCE PROCEDURES OF ALL INSTALLED EQUIPMENT & SYSTEMS.

#### SECTION 230600 PIPING SYSTEMS

A. CONDENSATE PIPING SHALL BE TYPE L HARD COPPER WITH WROUGHT COPPER FITTINGS & SOLDERED JOINTS.

#### SECTION 231810 INSULATION

- A. RETURN AIR AND TRANSFER AIR DUCTS SHALL BE LINED WITH 1" THICK DUCT LINER.
- B. CONCEALED SUPPLY & OUTSIDE AIR DUCTWORK SHALL BE WRAPPED WITH 2" THICK, 3/4 LB DENSITY, R-6 FOIL BACKED INSULATION. JOINTS SHALL BE LAPPED A MINIMUM OF 2" AND SECURED WITH FLARE TYPE STAPLES.

#### SECTION 238000 - DUCTWORK

- A. ALL DUCTWORK SHALL BE FABRICATED WITH GALVANIZED SHEET METAL
- B. LOW PRESSURE DUCTWORK, INSTALLED DOWN STREAM OF TERMINAL UNITS, SHALL BE CONSTRUCTED FOR 2" PRESSURE SERVICE WITH CLASS C SEALS.
- C. DUCTWORK CONSTRUCTION AND INSTALLATION SHALL CONFORM TO THE LATEST VERSION OF SMACNA DUCT STANDARDS.
- D. EXPOSED DUCTWORK SHALL BE DOUBLE WALL INSULATED SPIRAL DUCT FABRICATED WITH PAINT GRIP SHEET METAL. DUCTWORK SHALL BE CLEAN, FREE OF DENTS AND READY FOR PAINT.
- E. ALL ELBOWS SHALL BE FULL RADIUS TYPE OR MITERED WITH TURNING VANES.
- F. PROVIDE SPIN IN FITTING WITH SCOOP & LOCKING DAMPER AT ALL LOW PRESSURE BRANCH DUCT CONNECTIONS TO MAIN DUCT.
- G. DUCTWORK SHALL BE INSPECTED & SEALED AIR TIGHT TO BE FREE OF LEAKS PRIOR TO INSULATING OR COVERING UP THE DUCTWORK.
- H. FIRE DAMPERS SHALL BE TYPE 'B' UL LISTED DAMPERS WITH FIRE CURTAIN LOCATED OUTSIDE OF THE AIR STREAM. FIRE DAMPERS SHALL BE LISTED FOR USE IN THE WALL RATING WITHIN WHICH THE DAMPER IS INSTALLED.
- I. SMOKE DAMPERS SHALL BE UL LISTED. DAMPERS SHALL CLOSE UPON DETECTION OF SMOKE OR UPON POWER FAILURE UNLESS NOTED OTHERWISE. SMOKE DAMPERS SHALL BE AUTOMATIC RESET
- J. SMOKE DETECTORS SHALL BE PROVIDED BY DIVISION 26 FOR INSTALLATION BY DIVISION 23.
- K. SMOKE DETECTORS SHALL CLOSE ALL ASSOCIATED SMOKE DAMPERS AND SHUT DOWN THE ASSOCIATED AIR MOVING DEVICE.

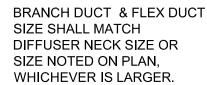
#### SECTION 239500 - TEST & BALANCE

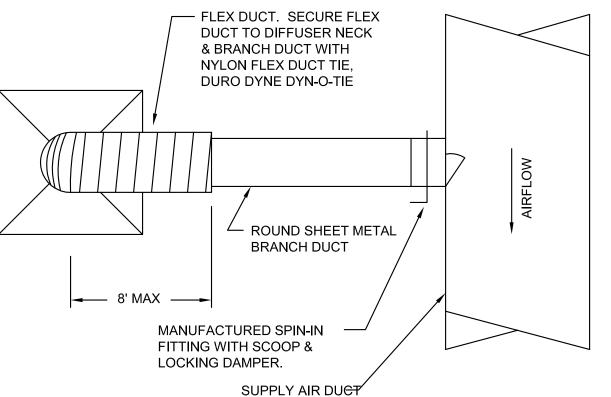
- A. TEST & BALANCE AGENCY SHALL BE NEBB OR AABC CERTIFIED.
- B. TEST & BALANCE AGENCY SHALL BE HIRED DIRECTLY BY THE GENERAL CONTRACTOR.
- C. ALL EQUIPMENT SHALL BE LUBRICATED, TESTED, ADJUSTED AND BALANCED TO MEET DESIGN, MANUFACTURER'S OPERATING & INSTALLATION GUIDELINES.
- D. AIR TERMINALS SHALL BE BALANCED TO CFM INDICATED ON PLAN.
- E. TERMINAL UNITS SHALL BE BALANCED TO THE SUM OF THE CONNECTED AIR DISTRIBUTION DEVICES.
- F. ALL DEFICIENCIES SHALL BE RECORDED AND SENT TO THE MECHANICAL CONTRACTOR FOR RESOLUTION.
- G. ONCE ALL DEFICIENCIES HAVE BEEN CORRECTED, TWO (2) HARD COPIES OF THE FINAL REPORT SHALL BE DELIVERED TO THE OWNER. AN ELECTRONIC COPY IN PDF FORMAT SHALL BE SUBMITTED IN ADDITION TO THE HARD COPIES.

#### **GENERAL NOTES:**

- 1. DRAWINGS ARE SCHEMATIC IN NATURE. CONTRACTOR SHALL PROVIDE ALL MATERIALS, EQUIPMENT, TOOLS AND LABOR NECESSARY TO PROVIDE A COMPLETE MECHANICAL SYSTEM COMPLIANT WITH ALL REQUIRED CODES & STANDARDS.
- 2. CONTRACTOR SHALL VISIT THE SITE TO THOROUGHLY EXAMINE EXISTING CONDITIONS PRIOR TO SUBMITTING BID. IF EXISTING CONDITIONS DIFFER FROM DESIGN DOCUMENTS IN SUCH A MANNER THAT AFFECTS PRICING, THE CONTRACTOR SHALL ADJUST THE BID ACCORDINGLY AND NOTIFY THE OWNER & ENGINEER PRIOR TO SUBMITTING THE BID. NO ALLOWANCES WILL BE MADE FOR LACK OF KNOWLEDGE REGARDING THE EXISTINNG
- 3. ALL RETURN AIR AND TRANSFER AIR DUCTS SHALL BE LINED WITH 1" THICK DUCT LINER.
- 4. PROVIDE NEW, 7-DAY PROGRAMMABLE THERMOSTAT INCLUDING PROGRAMMABLE OCCUPANCY SETTINGS FOR EACH RTU. ALL LOW VOLTAGE CONTROL WIRING SHALL BE INSTALLED AND WIRED TO EQUIPMENT AS A PART OF THIS CONTRACT.
- 5. ALL LOW VOLTAGE CONTROL WIRING SHALL BE INSTALLED AND WIRED TO EQUIPMENT AS A PART OF THIS CONTRACT.

(1) INSTALLED.





# DIFFUSER CONNECTION DETAIL

		LEGEND
TAG	SYMBOL	DESCRIPTION
A/C		ABOVE CEILING
AHU		AIR HANDLER
BDD		BACKDRAFT DAMPER
B/F		BELOW FLOOR
CD	$\boxtimes$	CEILING DIFFUSER
CWS&R		CONDENSER WATER SUPPLY & RETURN
CFM		CUBIC FOOT PER MIN.
DB		DRY BULB
		NEW DUCT WORK
EXIST.		EXISTING DUCT / PIPE
EAT		ENTERING AIR TEMPERATURE
EWT		ENTERING WATER TEMPERATURE
EF		EXHAUST FAN
ER		EXHAUST REGISTER
ESP		EXTERNAL STATIC PRESSURE
FD		FIRE DAMPER
F/SD		COMBINATION FIRE & SMOKE DAMPER
	-	VERTICAL FIRE DAMPER
	-	VERTICAL COMBINATION FIRE & SMOKE DAMPE
HP		HORSEPOWER
LAT		LEAVING AIR TEMPERATURE
LWT		LEAVING WATER TEMPERATURE
MD		MANUAL DAMPER
	M	MOTOR OPERATED DAMPER
OA		OUTSIDE AIR
RA		RETURN AIR
RAG		RETURN AIR GRILLE
SA		SUPPLY AIR
SR		SUPPLY REGISTER
	1	THERMOSTAT
	$\bowtie$	BALL VALVE
WSHP		WATER SOURCE HEAT PUMP

TERMINAL UNIT SCHEDULE									
TAG	TYPE	VALVE SIZE (IN)	MIN. VALVE FLOW (CFM)	MAX. VALVE FLOW (CFM)	FAN AIRFLOW (CFM)	FAN ESP (IN W.C.)	ELEC HEAT CAPACITY (KW)	VOLTS / PHASE (V/Ø)	NOTES
VAV-2-N1	VAV	8	165	600		0.5			1
NOTES:									

TERMINAL UNIT DATA BASED ON EXISTING AS BUILT DRAWINGS. FIELD VERIFY EXACT MODEL

	AIR DISTRIBUTION SCHEDULE		
TAG	DESCRIPTION	BASIS OF DESIGN	NOTES
LSD	LINEAR SLOT DIFFUSERS (LSD) SHALL BE 48" LONG WITH PATTERN CONTROLLER AND INTERNALLY LINED PLENUM. DIFFUSERS SHALL HAVE TWO (2) 1-1/2" SLOTS. FINISH SHALL BE FACTORY APPLIED WHITE.	TBDI-80	1

(1) ALL SURFACE MOUNTED AIR DISTRIBUTION DEVICES SHALL BE PREPPED AND READY FOR PAINT.

Atlanta, Ga 30339 404-242-6240 tel 404-601-9859 fax

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HMSHost | Hudson | Dufry

Wildelns

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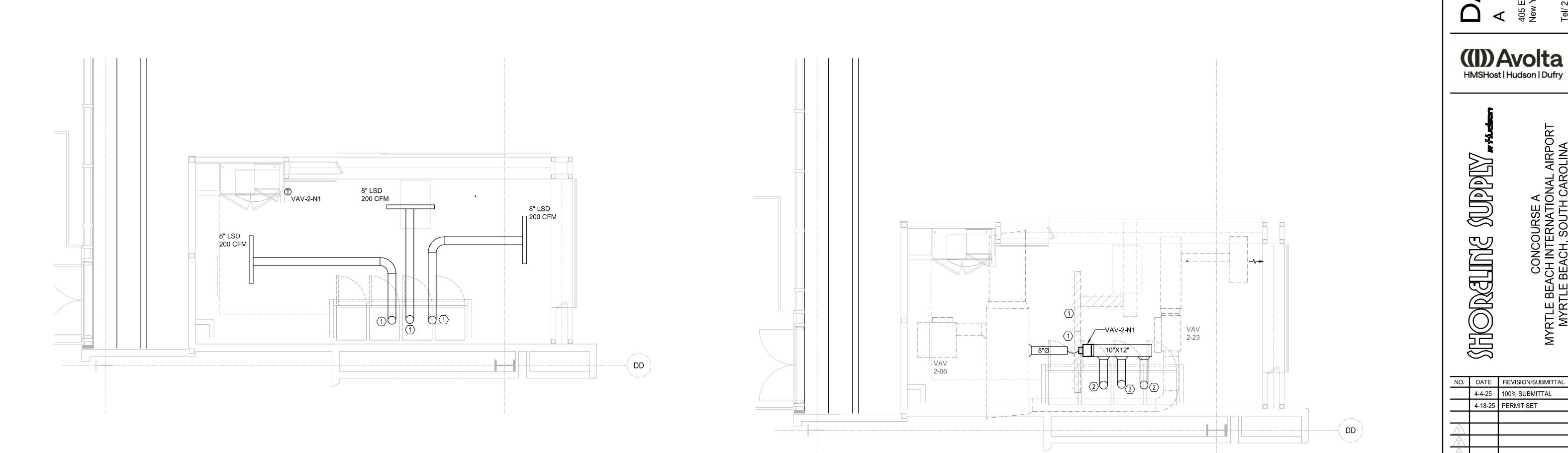
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MECHANICAL DETAILS & SCHEDULES



MECHANICAL PLAN - TENANT CEILING

1/4" = 1'-0"

KEY NOTES: ○

1. 8"Ø DUCT UP THROUGH CONCOURSE CEILING ABOVE.

MECHANICAL PLAN - CONCOURSE CEILING

KEY NOTES: ○

1. DEMO EXISTING DIFFUSER & DUCT, CAP AT MAIN. 2. 8" ROUND DUCT DN.

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MECHANICAL PLAN

M-1.1