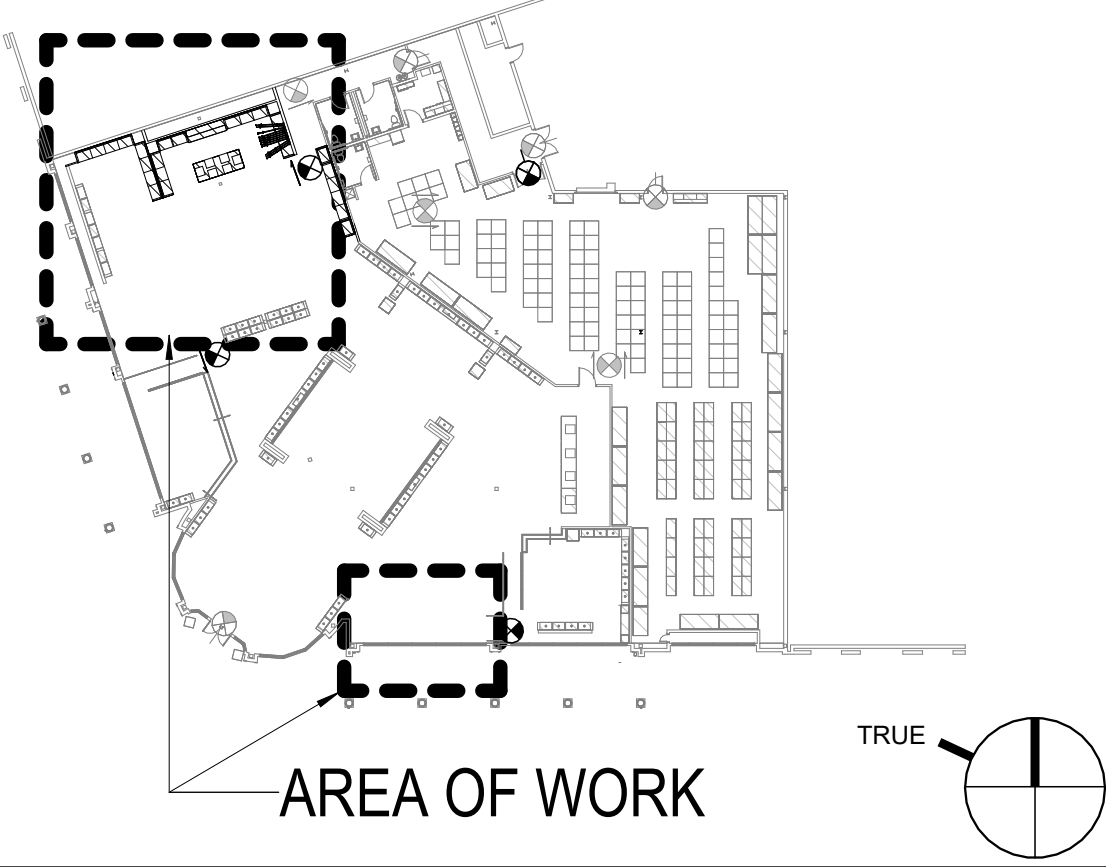
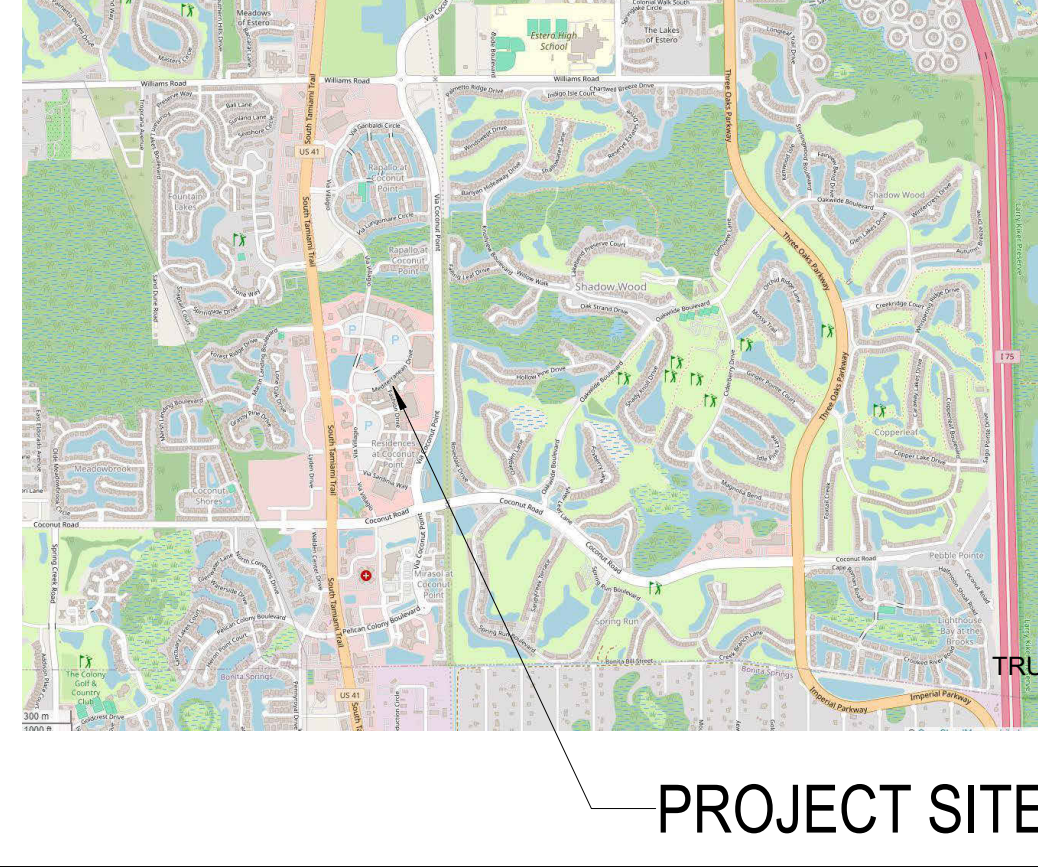
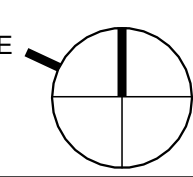
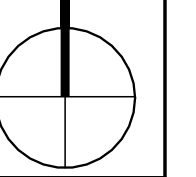


ABBREVIATIONS				GENERAL NOTES		KEY PLAN		SITE LOCATION	
# & @	POUND OR NUMBER AND	FT	FOOT / FEET / FINISH TRANSITION	SD	STATIC DISSIPATIVE SECURITY SECTION				
		FTG	FOOTING	SEC	SECTION				
ACP	ACOUSTICAL CEILING PANEL	FURR	FURRING	SEOR	STRUCTURAL ENGINEER OF RECORD				
AD	AREA DRAIN	FUT	FUTURE	SF	SPECIAL FINISH / SQUARE FOOT / SQUARE FEET				
ADJ	ADJUSTABLE	FWP	FABRIC WALL PANEL	SFRM	SPRAY FIRE-RESISTIVE MATERIAL	TRUE			
AF	ACCESS FLOORING SYSTEM	GA	GAUGE	SG	SAFETY GLAZING				
AGGR	AGGREGATE	GALV	GALVANIZED	SH	SHELF	TRUE			
ALUM	ALUMINUM	GB	GRAB BAR	SHT	SHEET				
APROX	APPROXIMATE	GC	GENERAL CONTRACTOR	SHTG	SHEATHING	TRUE			
ARCH	ARCHITECTURAL	GD	GRADE	SHWR	SHOWER				
ASB	ASBESTOS	GL	GLAZING FILM	SIM	SIMILAR	TRUE			
ASPH	ASPHALT	GF	GLASS / GLAZING	SLT	SEALANT				
AWP	ACOUSTIC WALL PANEL	GND	GROUND	SND	SANITARY NAPKIN DISPENSER	TRUE			
AXON	AXONOMETRIC	GR	GROUT	SNR	SANITARY NAPKIN RECEPTACLE				
		GWB	GYPSUM BOARD	SOB	SYMBOL ON BACKGROUND	TRUE			
		GYP	GYPSUM	SPEC	SPECIFICATION				
BA	BASE	HB	HOSE BIB	SO	SQUARE	TRUE			
BC	BACK OF CURB	HDWD	HARDWOOD	SS	SOLID SURFACE MATERIAL				
BD	BOARD	HDWR	HARDWARE	SSD	SEE STRUCTURAL DRAWINGS	TRUE			
BITUM	BITUMINOUS	HM	HOLLOW METAL	SSK	SERVICE SINK				
BLDG	BUILDING	HORIZ	HORIZONTAL	ST	STONE	TRUE			
BLK	BLOCK	HPC	HIGH PERFORMANCE COATINGS	STA	STATION				
BLKG	BLOCKING	HR	HOUR	STC	SOUND TRANSMISSION CLASS	TRUE			
BM	BEAM	HT	HEIGHT	STD	STANDARD				
BO	BOTTOM OF	ID	INSIDE DIAMETER (DIM)	STL	STEEL	TRUE			
BOT	BOTTOM	INT	INTERIOR	STOR	STORAGE				
BR	BULLET RESISTANT	JAN	JANITOR	STRUCT	STRUCTURAL	TRUE			
BTB	BACK TO BACK	JT	JOINT	SUSP	SUSPENDED				
				T	TREAD	TRUE			
				T&G	TONGUE AND GROOVE				
C	CHANNEL	KIT	KITCHEN	TB	TOWEL BAR	TRUE			
CA	CARPET	L	ANGLE	TBD	TO BE DETERMINED				
CAB	CABINET	LAB	LABORATORY	TCOM	TELECOMMUNICATION	TRUE			
CB	CATCH BASIN	LAM	LAMINATE	TEL	TELEPHONE				
CEM	CEMENTIOUS	LAV	LAVATORY	TER	TERRAZZO	TRUE			
CER	CERAMIC	LKR	LOCKER	THK	THICK				
CJ	CAST IRON	LT	LIGHT	TI	TILE	TRUE			
CJ	CONSTRUCTION JOINT	LT	LIGHT	TILE	TILE				
CL	CENTERLINE	LT	LIGHT	TILE	TILE	TRUE			
CLG	CEILING	LT	LIGHT	TILE	TILE				
CLO	CLOSET	LT	LIGHT	TILE	TILE	TRUE			
CLO	CLOSET	LT	LIGHT	TILE	TILE				
CLR	CLEAR	LT	LIGHT	TILE	TILE	TRUE			
CM	CONSTRUCTION MANAGER	LT	LIGHT	TILE	TILE				
CMU	CONCRETE MASONRY UNIT	LT	LIGHT	TILE	TILE	TRUE			
CNTR	COUNTER	LT	LIGHT	TILE	TILE				
CO	CONCRETE	LT	LIGHT	TILE	TILE	TRUE			
COL	COLUMN	LT	LIGHT	TILE	TILE				
CONC	CONCRETE	LT	LIGHT	TILE	TILE	TRUE			
CONSTR	CONSTRUCTION	LT	LIGHT	TILE	TILE				
CONT	CONTINUOUS	LT	LIGHT	TILE	TILE	TRUE			
CORR	CORRIDOR	LT	LIGHT	TILE	TILE				
CPT	CARPET	LT	LIGHT	TILE	TILE	TRUE			
CS	CEILING SYSTEM	LT	LIGHT	TILE	TILE				
CT	CERAMIC TILE	LT	LIGHT	TILE	TILE	TRUE			
CTR	CENTER	LT	LIGHT	TILE	TILE				
CTSK	COUNTERSUNK	LT	LIGHT	TILE	TILE	TRUE			
		LT	LIGHT	TILE	TILE				
(D)	DEMOLISH	(N)	NEW	VERT	VERTICAL	TRUE			
DBL	DOUBLE	N	NORTH	VEST	VESTIBULE				
DEMO	DEMOLISH	NAT	NATURAL	VIF	VERIFY IN FIELD	TRUE			
DEPT	DEPARTMENT	NC	NOISE CRITERION (NOISE LEVEL LIMIT)	VNR	VENEER				
DET	DETAIL	NIC	NOT IN CONTRACT	W	WEST	TRUE			
DF	DRINKING FOUNTAIN	NOM	NOMINAL	W/	WITH				
DIA	DIAMETER	NRC	NOISE REDUCTION COEFFICIENT	W/O	WITHOUT	TRUE			
DIM	DIMENSION	NTS	NOT TO SCALE	WC	WATER CLOSET / WALL COVERING				
DISP	DISPENSER	OA	OVERALL	WD	WOOD	TRUE			
DM	DECORATIVE MASONRY	OC	ON CENTER	WF	WOOD FLOORING				
DN	DOWN	OCC	OCCUPANCY	WLD	WELDED	TRUE			
DO	DOOR OPENING	OD	OUTSIDE DIAMETER (DIM)	WO	WHERE OCCURS				
DR	DOOR	OFF	OFFICE	WP	WATERPROOF	TRUE			
DS	DOWNSPOUT	OPNG	OPENING	WRB	WEATHER RESISTANT BARRIER				
DWG	DRAWING	OPP	OPPOSITE	WS	WOOD SOLID	TRUE			
DWR	DRAWER	OTS	OPEN TO STRUCTURE	WT	WEIGHT / WINDOW TREATMENT				
		OTD	OPEN TO STRUCTURE	WV	WOOD VENEER	TRUE			
		OTD	OPEN TO STRUCTURE	WV	WOOD VENEER				
(E)	EXISTING	PA	PAINT			TRUE			
E	EAST	PC	PERFORMANCE COATING						
EA	EACH	PERP	PERPENDICULAR			TRUE			
EEOR	ELECTRICAL ENGINEER OF RECORD	PG	PROTECTIVE GUARDS						
EGD	EXPERIENTIAL DESIGN	PL	PLASTIC LAMINATE			TRUE			
EJ	EXPANSION JOINT	PLAM	PLASTIC LAMINATE						
EL	ELEVATION	PLAS	PLASTER			TRUE			
ELEC	ELECTRICAL	PLUMB	PLUMBING						
ELEV	ELEVATION	PLWD	PLYWOOD			TRUE			
ELVTR	ELEVATOR	PP	POWER POLE						
EMER	EMERGENCY	PR	PAIR			TRUE			
ENCL	ENCLOSURE	PRCST	PRECAST						
EPNL	ELECTRICAL PANEL	PT	PRESSURE TREATED			TRUE			
EQ	EQUAL	PTD	PAPER TOWEL DISPENSER						
EQPT	EQUIPMENT	PTD/R	COMBINATION PAPER TOWEL DISPENSER AND WASTE RECEPTACLE			TRUE			
EW	ELECTRIC WATER COOLER	PVB	POLYVINYL BUTYRAL						
EXG	EXISTING	PVC	POLYVINYL CHLORIDE (PLASTIC)			TRUE			
EXT	EXTERIOR	QT	QUARRY TILE						
		(R)	RELOCATE			TRUE			
		RAD	RADIUS						
FIA	FIRE ALARM	RD	ROOF DRAIN			TRUE			
FA	FABRIC	REF	REFERENCE						
FAB	FABRIC	REFR	REFRIGERATOR			TRUE			
FB	FLAT BAR	REINF	REINFORCED						
FC	FACE OF CURB	REQD	REQUIRED			TRUE			
FD	FLOOR DRAIN	RESIL	RESILIENT						
FDN	FOUNDATION	RF	RESILIENT FLOORING			TRUE			
FE	FIRE EXTINGUISHER	RM	ROOM						
FEC	FIRE EXTINGUISHER CABINET	RO	ROUGH OPENING			TRUE			
FF	FINISHED FLOOR	RWL	RAIN WATER LEADER						
FG	FINISHED GRADE	S	SOUTH			TRUE			
FH	FIRE HYDRANT	S/D	SOAP DISPENSER						
FHC	FIRE HOSE CABINET	S/S	STAINLESS STEEL			TRUE			
FIN	FINISH	SAB	SOUND ATTENUATION BLANKET						
FL	FLOOR	SABF	SOUND ATTENUATION FIRE BLANKET			TRUE			
FLSHG	FLASHING	SC	SOLID CORE						
FLUOR	FLUORESCENT	SCD	SEAT COVER DISPENSER			TRUE			
FO	FACE OF	SCHED	SCHEDULE						
FOC	FACE OF CONCRETE					TRUE			
FOF	FACE OF FINISH								
FOS	FACE OF STUDS					TRUE			
FPRF	FIREPROOFING								
FRP	FIBERGLASS REINFORCED PLASTIC					TRUE			
FRT	FIRE RETARDANT TREATED								

1. CONTRACT DOCUMENTS THE CONTRACT DOCUMENTS ARE COMPLEMENTARY AND WHAT IS CALLED FOR BY ANY WILL BE AS BINDING AS IF CALLED FOR BY ALL. THE CONTRACT DOCUMENTS CONVEY THE DESIGN INTENT FOR THE PROJECT. THE CONTRACTOR SHALL CAREFULLY STUDY AND COMPARE THE CONTRACT DOCUMENTS AND SHALL COORDINATE THE WORK OF THE DOCUMENTS WITH THE WORK OF VENDOR PROVIDED INFORMATION ASSOCIATE WITH THE PROJECT. THE CONTRACTOR SHALL DISTRIBUTE COMPLETE CONTRACT DOCUMENTS TO PARTIES RESPONSIBLE FOR PERFORMING THE WORK SO THAT NO PARTY RECEIVES LIMITED INFORMATION.	
2. COORDINATION OF THE WORK THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR REVIEW AND VERIFICATION OF THE CONTRACT DOCUMENTS, FIELD CONDITIONS, VENDOR DESIGN DRAWINGS INCLUDING, DELEGATED DESIGN WORK BY OTHERS, AND DIMENSIONS FOR ACCURACY AND FOR CONFIRMING THE WORK IS CONSTRUCTIBLE PRIOR TO PROCEEDING WITH THE WORK. THE CONTRACTOR SHALL COORDINATE THE WORK WITH THE BUILDING OWNER SO AS NOT TO DISTURB OR CAUSE DAMAGE TO OTHER TENANT SPACES OR BUILDING AREAS. THE CONTRACTOR SHALL SECURE A CURRENT COPY OF PUBLISHED CONSTRUCTION/CONTRACTOR BUILDING GUIDELINES AND REGULATIONS FROM THE BUILDING MANAGEMENT AND COMPLY. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT OF RECORD IN WRITING OF CONFLICTS AND OBTAIN A WRITTEN CLARIFICATION FROM THE ARCHITECT OF RECORD PRIOR TO PROCEEDING WITH THE WORK.	
3. DIMENSIONS DO NOT SCALE DRAWINGS. DIMENSIONS AND WORKPOINTS PROVIDED ARE TO STRUCTURAL GRID OR TO EXPOSED FACE OF A FINISH, UNLESS OTHERWISE NOTED. CONTRACTOR SHALL VERIFY DIMENSIONS WITH CONDITIONS IN THE FIELD AND SHALL SECURE WRITTEN RESOLUTION OF CONFLICTS FROM THE ARCHITECT PRIOR TO INITIATING THE WORK. DO NOT ADJUST DIMENSIONS INDICATED AS "CLEAR" OR "HOLD" WITHOUT WRITTEN DIRECTION FROM ARCHITECT. CONTRACTOR TO NOTIFY ARCHITECT OF ANY DIMENSIONS THAT DIFFER BY MORE THAN "1" INCH", INCLUDING THOSE MARKED "VIF" AND "A/I".	
4. DELEGATED DESIGN WORK BY OTHERS SYSTEMS INDICATED AS DELEGATED DESIGN SHALL BE ENGINEERED, AND STAMPED BY QUALIFIED PROFESSIONAL ENGINEERS LICENSED IN THE JURISDICTION OF THE WORK. IT IS THE RESPONSIBILITY OF THE ENGINEER OF RECORD FOR THESE SYSTEMS TO SECURE AGENCY APPROVALS, INCLUDING REQUIRED FEES ASSOCIATED WITH PERMIT APPROVAL. THESE SYSTEMS SHALL BE COORDINATED WITH THE CONTRACT DOCUMENTS AND SHALL COMPLY WITH APPLICABLE LEGAL REQUIREMENTS INCLUDING COMPREHENSIVE ENGINEERING ANALYSIS UTILIZING PERFORMANCE AND DESIGN CRITERIA INDICATED IN THE CONTRACT DOCUMENTS.	

DEFINITIONS	
ALIGN	TO ACCURATELY LOCATE FINISH FACES IN THE SAME PLANE
CLEAR / CLR / HOLD	DIMENSIONS ARE ABSOLUTES, UNOBSTRUCTED FROM FACE OF EXPOSED FINISH SURFACES.
DEMOLISH	TO DECONSTRUCT COMPLETE SYSTEM, HAUL, AND DISPOSE OF MATERIAL, INCLUDING APPROPRIATE PULL BACK AND TERMINATION/CAPPING OF RELATED BUILDING SERVICES
SALVAGE	DIS-ASSEMBLE, CONVEY OR STORE MATERIAL PER OWNERS INSTRUCTIONS
REUSE	SALVAGE, STORE ON SITE, RE-INSTALL
INSTALL	ON-SITE OPERATIONS INCLUDING UNLOADING, TEMPORARY STORAGE, UN-PACKING, ASSEMBLY, PLACING, ANCHORING, APPLYING, FINISHING, PROTECTING, AND CLEANING COMPLETE AND OPERATIONAL ELEMENTS, EQUIPMENT, AND SYSTEMS
FURNISH	PROCURE AND STORE ON-SITE MATERIAL FOR INSTALLATION BY OTHERS
PROVIDE	FURNISH AND INSTALL COMPLETE AND OPERATIONAL SYSTEM
NOTIFY	TO INFORM THE STATED PARTIES IN WRITING AND SEEK RESOLUTION PRIOR TO COMENCING WORK

HAZARDOUS MATERIALS NOTES	
• INTERIOR ARCHITECTS SHALL HAVE NO RESPONSIBILITY FOR THE DISCOVERY, REMOVAL, PRESENCE, HANDLING, DISPOSAL OF, OR EXPOSURE OF PERSONS TO HAZARDOUS SUBSTANCES, MATERIALS, AND WASTES IN ANY FORM AT THE PROJECT SITE, INCLUDING BUT NOT LIMITED TO: ASBESTOS, ASBESTOS PRODUCTS, PCB MOLD, OR OTHER TOXIC OR HARMFUL SUBSTANCES.	
• QUESTIONS THAT ARISE RELATED TO HAZARDOUS MATERIALS SHALL BE REFERRED TO THE OWNER FOR RESOLUTION. INTERIOR ARCHITECTS SHALL NOT BE REQUIRED TO DO WORK NOR RENDER OPINIONS RELATED TO HAZARDOUS MATERIALS.	
• CONTRACTORS SHALL REPORT THE PRESENCE OF MATERIAL OR ASSEMBLIES SUSPECTED TO CONTAIN HAZARDOUS MATERIALS UPON DISCOVERY TO THE OWNER. WORK SHALL BE HALTED UNTIL WRITTEN CLEARANCE TO CONTINUE HAS BEEN PROVIDED BY THE OWNER'S CERTIFIED HAZARDOUS MATERIALS CONSULTANTS.	

PROJECT MANUAL	
I/A'S PROJECT MANUAL DATED 04/10/2025, TITLED WE COCONUT POINT REFRESH-PROJECT MANUAL, ARE HEREBY MADE A PART OF THE CONTRACT DOCUMENTS.	

FURNITURE, FLOOR CORE & LIGHTING COORDINATION	
CONTRACTOR, FURNITURE VENDOR, DESIGN BUILD SUB-CONTRACTORS AND OWNER 'S SUBCONTRACTORS ARE ALL REQUIRED TO USE THE ARCHITECTURAL DIMENSION WORK POINTS ESTABLISHED FOR OPEN PLAN PENDANT LIGHTING AND FURNITURE CENTERLINES WHERE APPLICABLE. CONTRACTOR AND VENDOR PREPARED SHOP DRAWINGS SHALL DOCUMENT THE ARCHITECTURAL DIMENSION WORK POINTS FOR THE ARCHITECT 'S REVIEW PRIOR TO START OF WORK. FIELD LAYOUT REVIEW REQUESTED OF THE ARCHITECT MUST UTILIZE ON ESTABLISHED WORK POINTS. FLOOR CORE LOCATIONS SERVING FURNITURE ARE THE SOLE RESPONSIBILITY OF THE FURNITURE VENDOR, INCLUDING FIELD VERIFICATION OF LAYOUT CONSISTENT WITH THE FLOOR CORING REQUIREMENTS IDENTIFIED HEREIN.	

ALTERNATES & UNIT PRICES	
ALTERNATE 1: BASE BID: EXISTING TRACK LIGHTING TO REMAIN. U.O.N. ALTERNATE: RE-LAMP EXISTING LIGHTING THOUGHOUT SALES FLOOR WITH LED LIGHTS	ALTERNATE 3: BASE BID: NEW SALES FLOOR WALLS TO RECIEVE PAINT. ALTERNATE: ALL SALES FLOOR WALLS TO RECIEVE NEW PAINT.
ALTERNATE 2: BASE BID: INFILL WOOD FLOORING WHERE DEMOLITION HAS OCCURED. ALTERNATE: REFINISH WOOD FLOORING THROUGHOUT SALES FLOOR	

PROJECT DIRECTORY	
TENANT WILLIAMS - SONOMA, INC. 777 DAVIS ST. SAN FRANCISCO, CA 94111	ARCHITECT OF RECORD INTERIOR ARCHITECTS, PC. 615 S. COLLEGE ST. SUITE 725 CHARLOTTE, NC 28202
PM/CLIENT REP ATHENA BLUE GLOBAL	PROJECT CONTACT INTERIOR ARCHITECTS, PC. 1001 FOURTH AVENUE, SUITE 3600 SEATTLE, WA 98154
LANDLORD/BUILDING OWNER SIMON PROPERTY GROUP 115 WEST WASHINGTON ST. INDIANAPOLIS, IN 46204	STRUCTURAL ENGINEER DCI ENGINEERS 707 W 2ND AVE SPOKANE, WA 99201 MEP ENGINEER EEA CONSULTING ENGINEERS 6615 VAUGHT RANCH RD, SUITE 200 AUSTIN, TX 78730-2314

CODE REFERENCES	
• 2023	FLORIDA BUILDING CODE, BUILDING, 8TH EDITION
• 2023	FLORIDA BUILDING CODE, EXISTING BUILDING, 8TH EDITION
• 2023	FLORIDA FIRE PREVENTION CODE, 8TH EDITION
• 2020	NATIONAL ELECTRICAL CODE, NFPA 70
• 2023	FLORIDA BUILDING CODE, MECHANICAL, 8TH EDITION
• 2023	FLORIDA BUILDING CODE, PLUMBING, 8TH EDITION
• 2023	FLORIDA BUILDING CODE, ENERGY CONSERVATION, 8TH EDITION
• 2023	FLORIDA BUILDING CODE, ACCESSIBILITY, 8TH EDITION
• 2019	NFPA 13 - STANDARD FOR THE INSTALLATION OF SPRINKLER SYSTEMS

SHEET INDEX	
A-000 COVER SHEET	
A-009 FINISH SCHEDULE	
A-010 EGRESS PLAN	
A-031 TEMPORARY GRAPHICS	
AD-110 OVERALL DEMOLITION PLAN	
AD-130 OVERALL DEMOLITION REFLECTED CEILING PLAN	
A-110 OVERALL PLAN	
A-130 OVERALL REFLECTED CEILING PLAN	
A-201 EXTERIOR ELEVATIONS	
A-501 INTERIOR SIGNAGE DETAILS	
A-701 INTERIOR ELEVATIONS	
A-801 INTERIOR DETAILS	
A-802 INTERIOR DETAILS - DESIGN LAB	
F-110 FIXTURE PLAN	
F-210 PATH OF GOODS PLAN	
Grand total: 15	
S-101 GENERAL NOTES	
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S-103 LEGEND AND ABBREVIATIONS	
S-104 SPECIAL INSPECTIONS	
S-201 FLOOR PLAN	
S-301 DETAILS	
S-302 DETAILS	
Grand total: 7	
E-001 ELECTRICAL SYMBOLS AND LEGENDS	
E-003 ELECTRICAL GENERAL NOTES	
E-004 ELECTRICAL GENERAL NOTES	
E-005 LIGHTING FIXTURE SCHEDULE	
ED-110 ELECTRICAL DEMOLITION PLAN	
ED-130 ELECTRICAL DEMOLITION LIGHTING PLAN	
E-110 ELECTRICAL POWER PLAN	
E-130 ELECTRICAL LIGHTING PLAN	
E-201 ELECTRICAL DETAILS	
E-401 ELECTRICAL ONE-LINE DIAGRAMS	
E-601 ELECTRICAL SCHEDULES	
E-901 ELECTRICAL SPECIFICATION	
E-902 ELECTRICAL SPECIFICATION	
Grand total: 13	

west elm

WE COCONUT POINT
REFRESH #0884

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928

CASEY BREWER
REGISTERED ARCHITECT
AR104517
FL LICENSE #A104517

2 PERMIT SET 04/09/2026
1 PRELIM SET 10/24/2024

DELTA ISSUE DESCRIPTION DATE

IA | INTERIOR ARCHITECTS

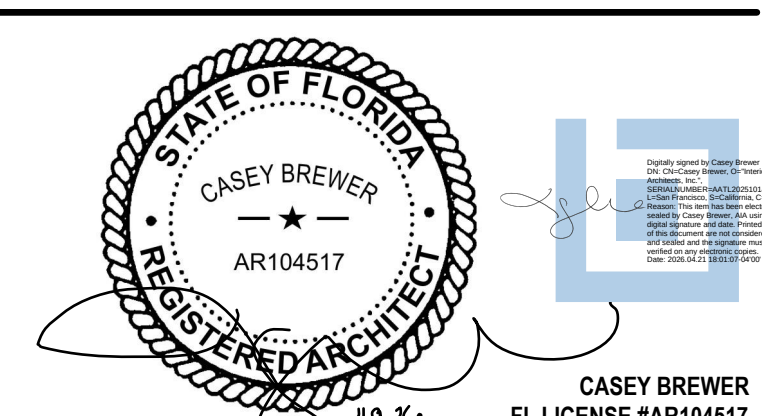
MIAMI
150 ALHAMBRA CIRCLE, SUITE 800
CORAL GABLES, FL 33134

62026 1/11/2025 10:00 A.M. C:\P\11\

west elm

WE COCONUT POINT
REFRESH #0884

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



2	PERMIT SET	04/09/2026	
1	PRELIM SET	10/24/2024	
DELTA	ISSUE	DESCRIPTION	DATE

IA INTERIOR ARCHITECTS

MIAMI
150 ALHAMBRA CIRCLE, SUITE 800
CORAL GABLES, FL 33134

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Owner Approval
24WSMX.4026.000
Job No.

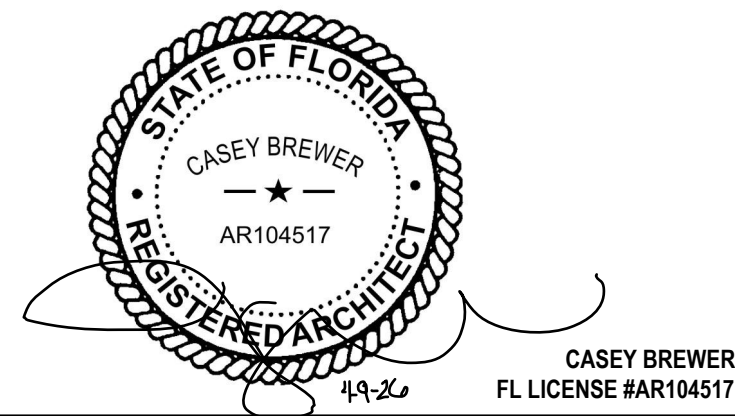
COVER SHEET
A-000

FINISH & MATERIAL SCHEDULE					
ITEM	CODE	MATERIAL	MANUFACTURER	TYPE	REMARKS
WALL	WE-1	PAINT	BENJAMIN MOORE	BM AURA OC 151 WHITE, EGGSHELL, LOW VOC (<50), SELF-PRIME	SOFFITS, GWB CEILINGS, INTERIOR WALLS.
	WE-2	PAINT	BENJAMIN MOORE	BM AURA OC 151 WHITE, SEMI-GLOSS, LOW VOC (<50), SELF-PRIME	DOORS AND TRIM, FEATURE WALLS.
	WE-4	EXTERIOR PAINT	BENJAMIN MOORE	BM AURA 968 DUNE WHITE, LOW VOC (<50), SELF-PRIME	PREPARE EXISTING EXTERIOR PLASTER SURFACES TO RECEIVE NEW PAINT.
	WF-1B	WOOD FLOORING (FROM RECORD SET)	VINTAGE LUMBER	RUSTIC RED OAK (EXISTING - V.I.F.)	SIZE: RANDOM WIDTH BLIND NAIL TO PLYWOOD SUBFLOORING. FINISH: 1 COAT SEALER- BONAKEMI BONASEAL 3 COATS FINISH- BONAKEMI BONATECH TRAFFIC. SATIN FINISH. FILL HOLES 3/8" AND LARGER WITH BLACK EPOXY PRIOR TO FINAL COAT OR FINISH.
EXTERIOR WALL	WB-1	WOOD BASE	BY GC	2" TALL WOOD BASE X 1/2" - PAINTED [WE-2]	SALES FLOOR-PAINTED BY GC ON SITE.
	GL-5	SPANDREL GLAZING PANEL	TBD	TBD	SEE EXTERIOR ELEVATIONS FOR LOCATION.

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WE COCONUT POINT
REFRESH #0884

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



2	PERMIT SET	04/09/2026
1	PRELIM SET	10/24/2024

DELTA	ISSUE	DESCRIPTION	DATE
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150 ALHAMBRA CIRCLE, SUITE 800
CORAL GABLES, FL 33134

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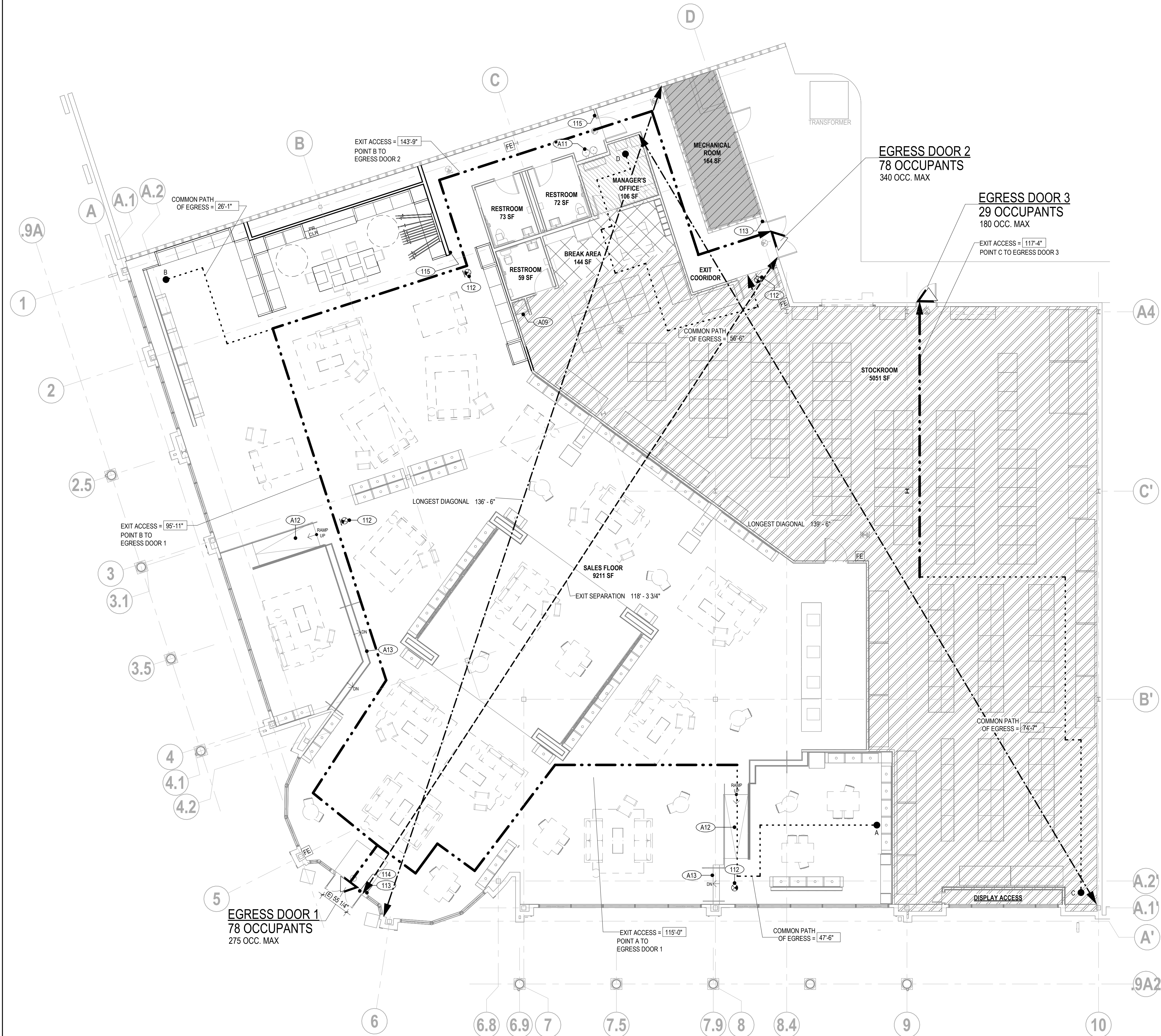
Owner Approval _____
24WSMX.4026.000 _____
Job No. _____ Scale _____

FINISH SCHEDULE

A-009

4/2/2025 2:44:28 PM 24.06.25

1 EGRESS PLAN
1/8" = 1'-0"



OCCUPANCY SCHEDULE							
OCCUPANCY TYPE	SQUARE FOOTAGE	LOAD FACTOR	TOTAL OCCUPANTS	DOOR EXIT WIDTH FACTOR	REQ. EXIT DOOR WIDTH (INCHES)		
(B) ACCESSORY MANAGER OFFICE	106	150	1	0.2	0.14		
(B) 3-RESTROOMS	204	N/A	3	0.2	0.60		
(M) SALES AREA	9,211	60	154	0.2	30.70		
(S-1) STOCK ROOM	5,051	300	17	0.2	3.37		
(A) ACCESSORY BREAK AREA	144	15	10	0.2	1.92		
(S-1) MECHANICAL ROOM	164	300	1	0.2	0.11		
	14,880		186		36.84		

PLUMBING SCHEDULE							
	OCCUPANT	LAVATORY		WATER CLOSET		DRINKING FOUNTAIN	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
MALE	93	1 (1 / 750)	3	1 (1 / 500)	3	1 (1 PER 1000)	1
FEMALE	93	1 (1 / 750)		1 (1 / 500)			1

NOTE: NO INCREASE IN OCCUPANT LOAD MORE THAN 20%, AND NO CHANGE IN OCCUPANCY PER FEBC 1010.1.

LEGEND							
	NEW CONSTRUCTION						
	EXISTING CONSTRUCTION TO REMAIN						
	NEW 1HR FIRE RESISTANT RATED PARTITION						
	NEW 2HR FIRE RESISTANT RATED PARTITION						
	EXISTING 1HR FIRE RESISTANT RATED PARTITION						
	EXISTING 2HR FIRE RESISTANT RATED PARTITION						
	EXIT ACCESS = LESS THAN 250' IN A SPRINKLERED BUILDING (M) WITH 36" MIN. WIDTH						
	COMMON PATH OF EGRESS = LESS THAN 75' IN A SPRINKLERED BUILDING (M) AND LESS THAN 100' FOR SPRINKLERED BUILDING (S-1)						
	WALL MOUNTED EMERGENCY DOOR RELEASE						
	WALL MOUNTED CARD READER						
	EXIT SIGNAGE						
	EXIT / ACCESS TO EXIT						
	FIRE EXTINGUISHER AND CABINET						
	FIRE DEP. STANDPIPE HOSE CONNECTION AND CABINET						
	FIRE EXTINGUISHER						
	FIRE EXIT HARDWARE						
	PANIC HARDWARE						
	NOT IN CONTRACT						
	M: MERCANTILE (1:60)						
	A: ASSEMBLY (1:15)						
	S-1: STORAGE (1:300)						
	B-M ACCESSORY: OFFICE (1:150)						

CODE ANALYSIS			
OCCUPANCY TYPE - NONSEPARATED MIXED USE OCCUPANCY M AND S-1 PER 2023 FLORIDA BUILDING CODE, 6TH EDITION. (EXISTING NO CHANGE)			
OCCUPANT LOAD - OCCUPANT LOAD CALCULATED PER 2023 FBC, TABLE 1004.5 ACCUMULATING TO 181 OCCUPANTS, 28 TOTAL OCCUPANTS IN BOH SPACE, AND 153 IN SALES AREA.			
PLUMBING REQUIREMENTS - PLUMBING REQUIREMENTS CALCULATED PER 2023 FBC, TABLE 2902.1. 3 RESTROOMS, 2 DRINKING FOUNTAINS (1 ADA), AND 1 SERVICE SINK ARE PROVIDED. NOTE: NO INCREASE IN OCCUPANT LOAD MORE THAN 20%, AND NO CHANGE IN OCCUPANCY PER FEBC 1010.1			
REQUIRED NUMBER OF EXITS - REQUIRED NUMBER OF EXITS DETERMINED PER 2023 FBC, SECTION 1006. DUE TO OCCUPANCY TYPE AND OCCUPANCY LOAD, (2) EXITS ARE REQUIRED FROM THE SALES AREA, AND 2 EXITS FROM BOH AREA.			
MAXIMUM TRAVEL DISTANCE - MAXIMUM TRAVEL DISTANCE DETERMINED PER 2023 FBC, SECTION 1017. DUE TO OCCUPANCY TYPE AND BUILDING HAVING A SPRINKLER SYSTEM, 250' OR LESS IS REQUIRED FOR M AND S-1 OCCUPANCY. REFER TO EXITING DIAGRAM FOR DISTANCES PROVIDED.			

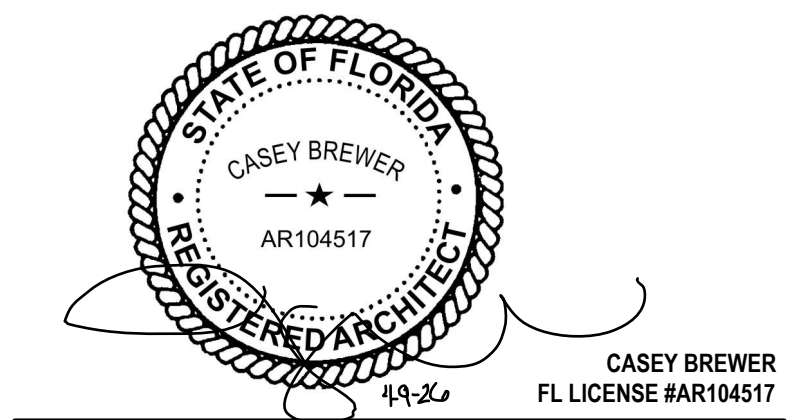
SHEET NOTES	
1.	CONTRACTOR SHALL FIELD VERIFY EXISTING FIRE RATED CONSTRUCTION ASSEMBLIES AND EXISTING EXIT SIGNAGE DENOTED IN THE DRAWINGS.
2.	CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING OF CONFLICTS BETWEEN THE AS-BUILT CONDITION AND THE DRAWINGS.
3.	PRIOR TO PROCEEDING WITH THE WORK THE CONTRACTOR SHALL SUBMIT A PROPOSAL FOR THE COST AND SCHEDULE OF UPGRADING EXISTING ASSEMBLIES DENOTED AS FIRE RATED TO A CODE COMPLIANT LEVEL.
4.	CONTRACTOR TO CONFIRM EXISTING LOCATIONS OF FIRE EXTINGUISHERS. DEPENDING ON LOCATION CONFIRMATION, NEW FIRE EXTINGUISHERS MAY BE ABLE TO BE ELIMINATED.

KEYNOTES	
NO.	DESCRIPTION
112	PROVIDE NEW EXIT SIGN.
113	PROVIDE TACTILE EXIT SIGNAGE WITH WORD "EXIT" ON LATCH SIDE OF DOOR. REFER TO TENANT SIGNAGE DETAILS ON A-501 FOR ADDITIONAL INFORMATION.
114	PROVIDE ENTRY DOOR SIGNAGE ABOVE DOOR WITH WORDS "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED." REFER TO TENANT SIGNAGE DETAILS ON A-501 FOR ADDITIONAL INFORMATION.
115	PROVIDE TACTILE EXIT SIGNAGE WITH WORD "EXIT ROUTE" MOUNTED ON WALL. REFER TO TENANT SIGNAGE ON A-501 FOR ADDITIONAL INFORMATION.
A09	EXISTING SERVICE SINK TO REMAIN.
A11	EXISTING HI-LOW DRINKING FOUNTAIN TO REMAIN.
A12	EXISTING ACCESSIBLE RAMP AT 1:12 (8.33%) MAX. SLOPE, WITH HANDRAILS BOTH SIDES TO REMAIN.
A13	EXISTING NON-ACCESSIBLE STEPS TO REMAIN, MAINTAIN BOTH HANDRAILS PER CODE.

west elm

WE COCONUT POINT
REFRESH #0884

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ESTERO, FL 33928



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1	PRELIM SET	10/24/2024	
DELTA	ISSUE	DESCRIPTION	DATE

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OWNER APPROVAL
24WSMX.4026.000
Job No.

1/8" = 1'-0"
Scale

EGRESS PLAN

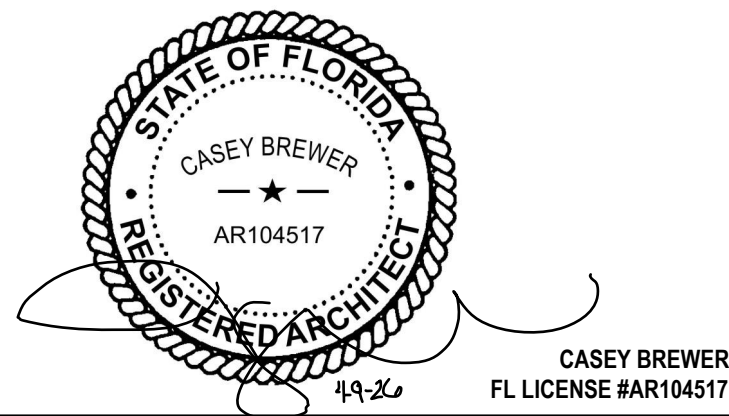
A-010

KEYNOTES	
NO.	DESCRIPTION
009	TEMPORARY GRAPHICS BY WSI, TYP. VENDOR TO VERIFY ALL GLAZING DIMENSIONS IN FIELD.

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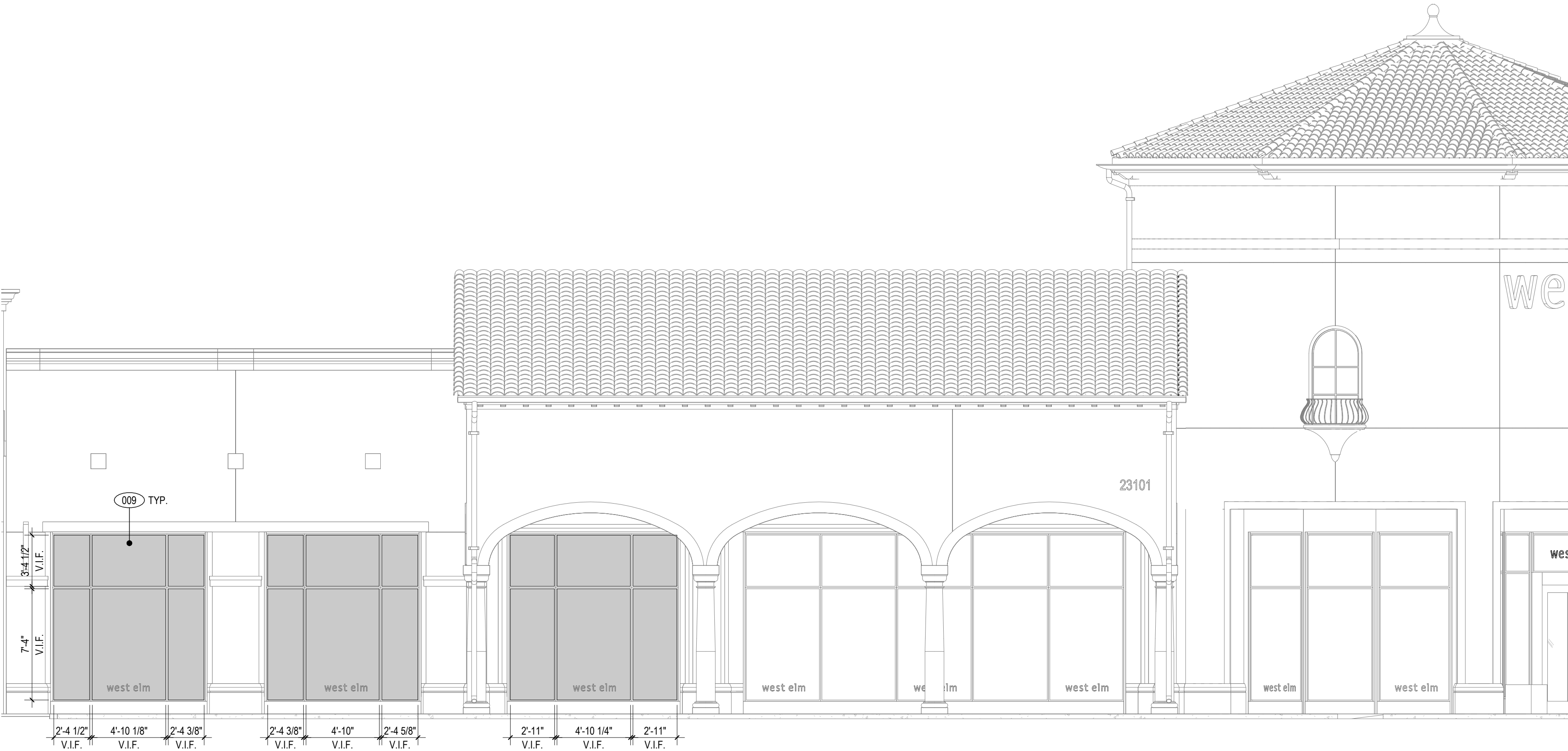
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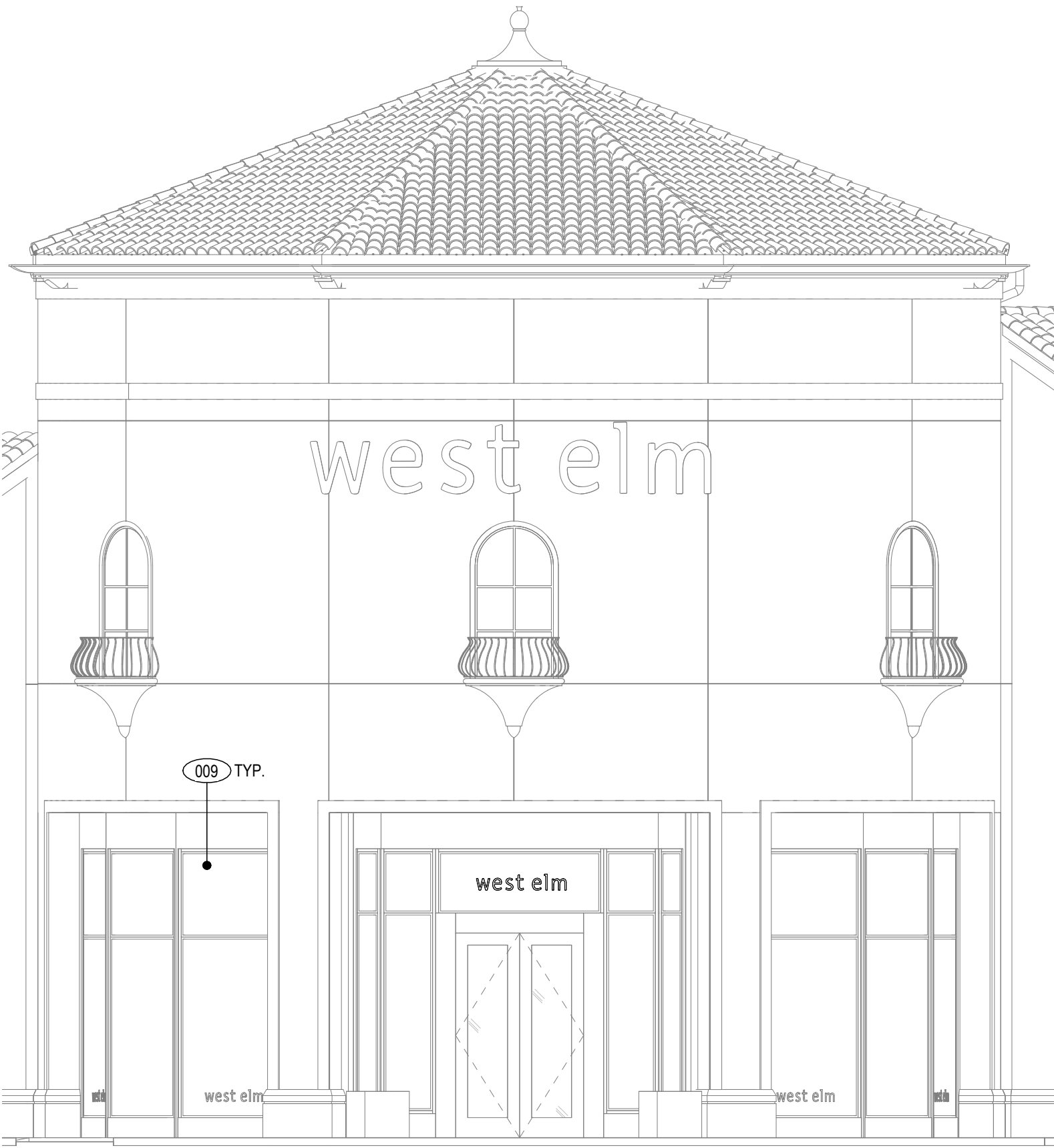
Owner Approval
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Job No. Scale

TEMPORARY GRAPHICS

A-031



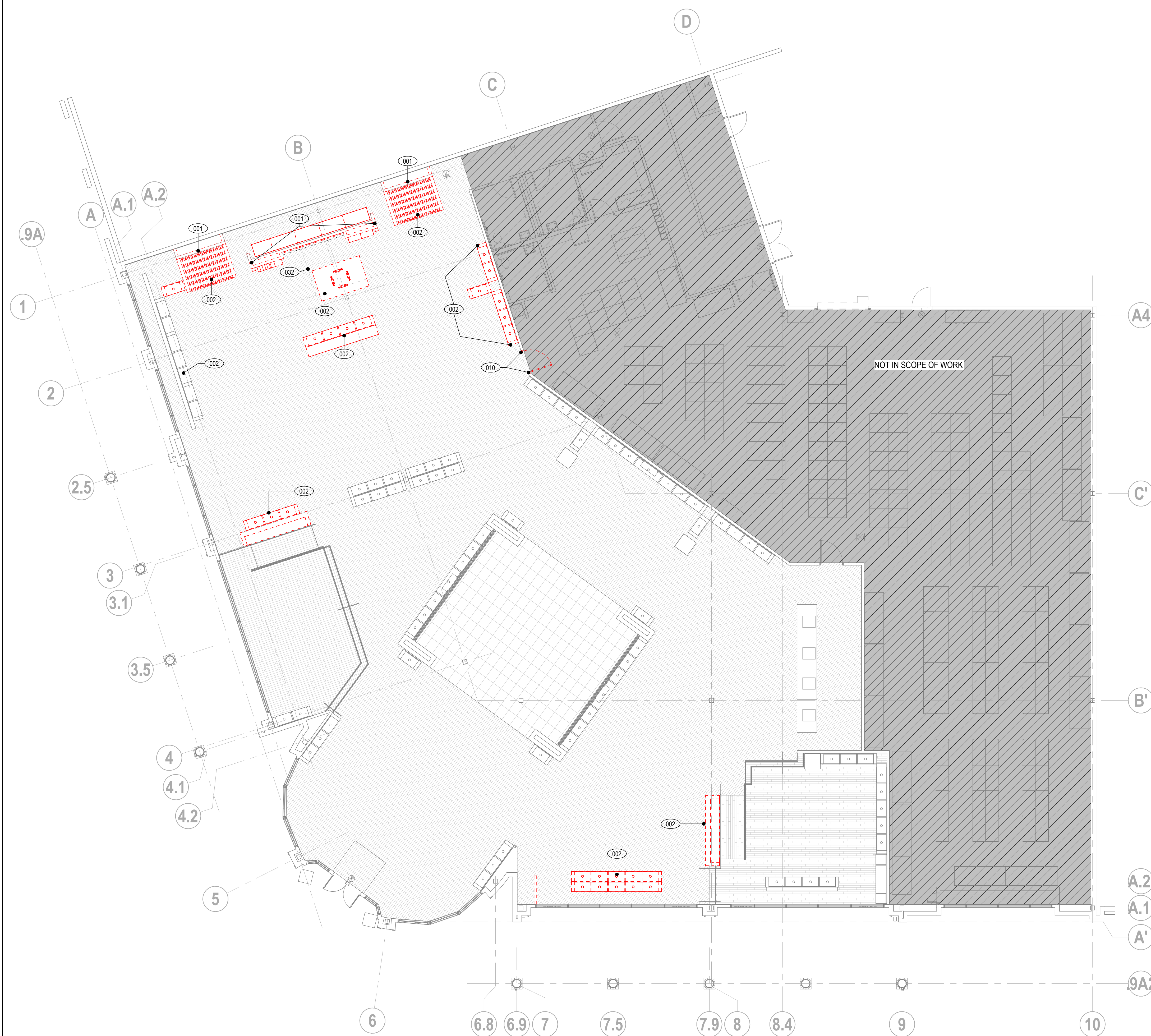
2 TEMPORARY GRAPHICS - EXTERIOR LEFT ELEVATION
3/16" = 1'-0"



1 TEMPORARY GRAPHICS - EXTERIOR FRONT ELEVATION
3/16" = 1'-0"



3 TEMPORARY GRAPHICS - EXTERIOR RIGHT ELEVATION
3/16" = 1'-0"



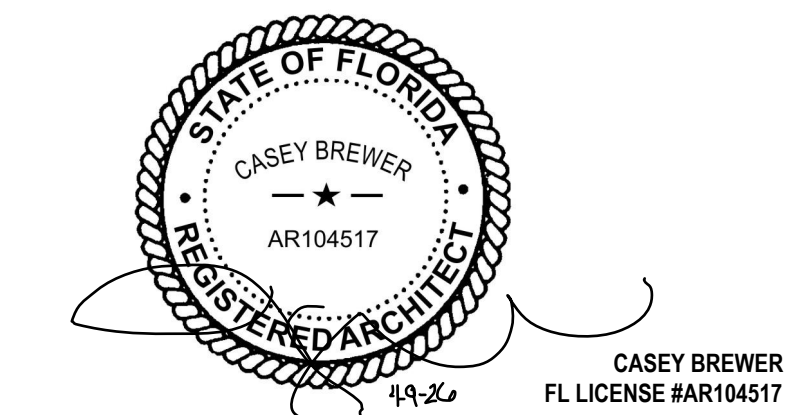
1 OVERALL DEMOLITION PLAN
1/8" = 1'-0"

KEYNOTES	
NO.	DESCRIPTION
001	REMOVE AND DISPOSE EXISTING PARTITION OR PORTION OF PARTITION INCLUDING DOORS, FRAMES, AND POWER. PULL POWER AND DATA BACK TO SOURCE.
002	REMOVE AND DISPOSE EXISTING FIXTURE.
010	REMOVE AND DISPOSE EXISTING DOOR, AND FRAME AND HARDWARE.
032	EXISTING CONDUIT RUNS. SHOWN FOR REFERENCE ONLY. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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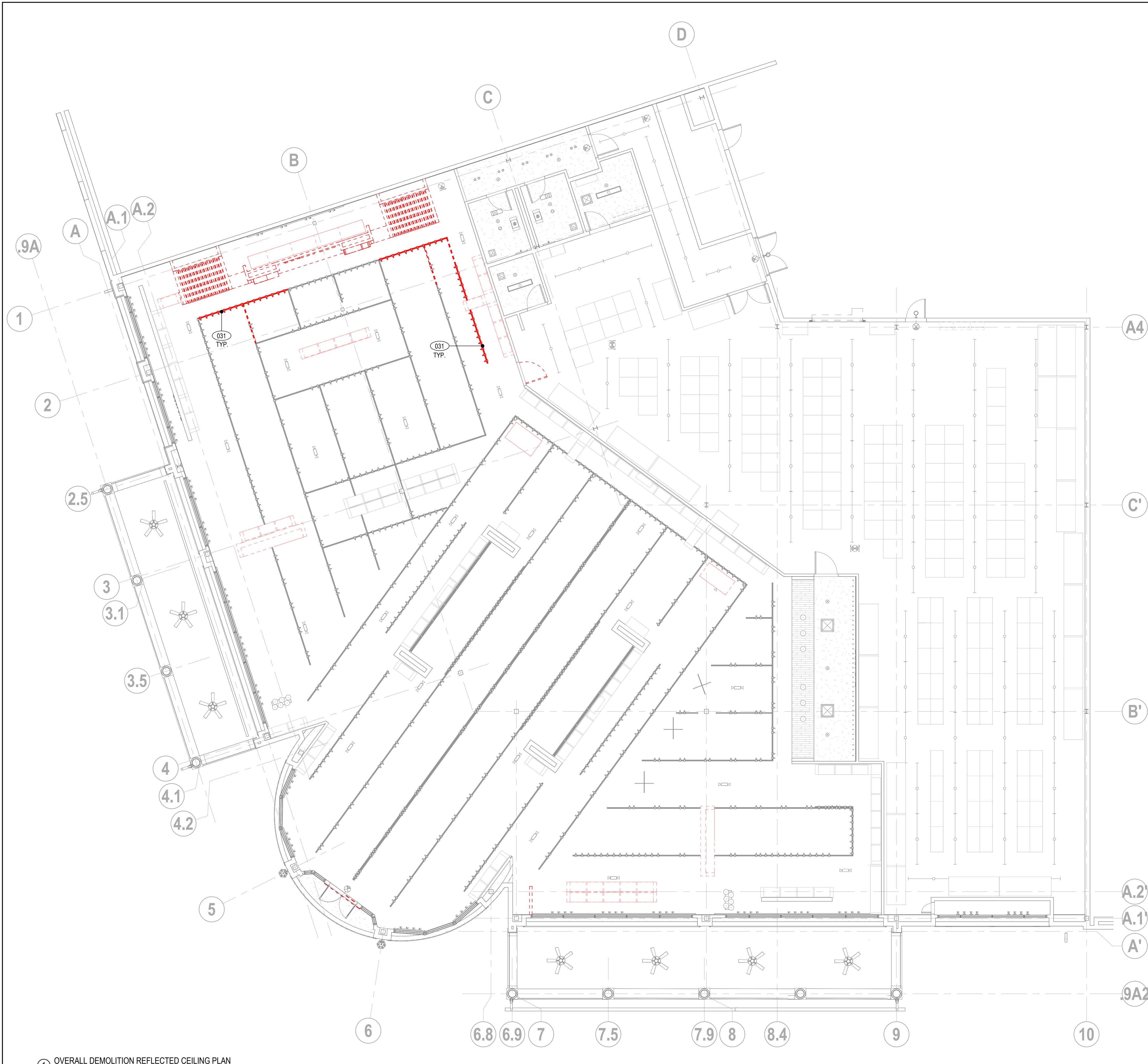
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OVERALL DEMOLITION
PLAN

AD-110



1 OVERALL DEMOLITION REFLECTED CEILING PLAN
1/8" = 1'-0"

DEMO RCP LEGEND

	TYP. CEILING GRID AND LIGHT FIXTURE TO BE REMOVED
	EXIT SIGN TO BE REMOVED
	EXISTING CONSTRUCTION TO BE DEMOLISHED
	EXISTING CONSTRUCTION TO REMAIN
	EXISTING 1HR FIRE RESISTANT RATED PARTITION TO REMAIN
	EXISTING 2HR FIRE RESISTANT RATED PARTITION TO REMAIN

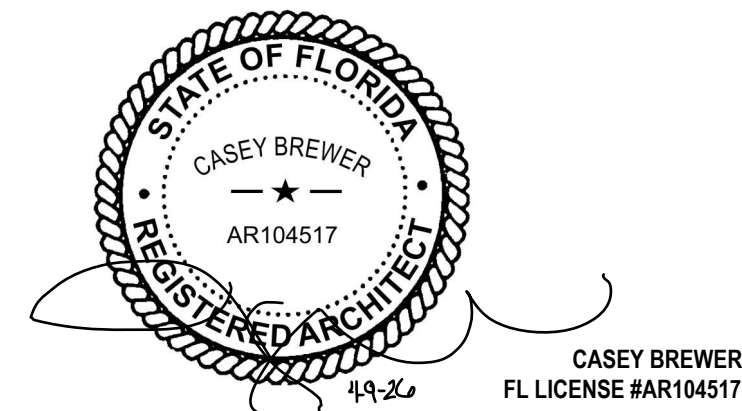
SHEET NOTES

- EXISTING ELEMENTS TO REMAIN UNO.
- SEE ENGINEERING DRAWINGS FOR INFORMATION REGARDING REMOVAL OF MEP, TEL/DATA AND SECURITY EQUIPMENT. REMOVE ABANDONED TEL/DATA CABLING WHERE DIRECTED BY OWNER AND/OR APPLICABLE OWNERS DATA/TELECOM VENDOR/SUBCONTRACTOR.
- [WHERE INDICATED ON PLAN / THROUGHOUT AREA OF WORK] REMOVE CEILINGS, INCL. BUT NOT LIMITED TO GRID, ACOUSTIC PANELS, GYP. BD. CEILINGS, SPECIALTY CEILINGS, HANGERS, FRAMING AND SUPPORTS, UNO. CLEAN & PREPARE FOR NEW WORK.
- [WHERE INDICATED ON PLAN / THROUGHOUT AREA OF WORK] REMOVE LIGHT FIXTURES INCL. BUT NOT LIMITED TO SUPPORTS, CONDUIT AND WIRING. COORDINATE W/ OWNER'S REPRESENTATIVE/BUILDING MANAGEMENT IF ANY LIGHT FIXTURES INDICATED FOR REMOVAL SHOULD BE SALVAGED AND STORED FOR RE-USE, OR RETURNED TO BUILDING STOCK. ANY FIXTURES SCHEDULED TO BE RELOCATED SHOULD BE TESTED AND BE IN FULL OPERATING ORDER BEFORE STORING.
- BRACING TO REMAIN AT ALL EXISTING PARTITIONS SCHEDULED TO REMAIN.
- COORDINATE W/ OWNER'S REPRESENTATIVE/BUILDING MANAGEMENT IF ANY ACOUST. CEILING PANELS OR GRID INDICATED FOR REMOVAL SHOULD BE SALVAGED AND STORED FOR RE-USE, OR RETURNED TO BUILDING STOCK. ALL BROKEN, STAINED, OR DAMAGED TILES OR GRID SHALL BE DISCARDED AS APPLICABLE.
- COORDINATE W/ OWNER'S REPRESENTATIVE/BUILDING MANAGEMENT IF ANY EXISTING COMPLIANT FIRE ALARM DEVICES, EXIT SIGNS, LIGHTING AND HVAC DEVICES INDICATED FOR REMOVAL SHOULD BE SALVAGED AND STORED FOR RE-USE, OR RETURNED TO BUILDING STOCK.
- PROTECT (E) WINDOW COVERING TO REMAIN DURING DEMOLITION AND CONSTRUCTION ACTIVITY. DOCUMENT AND REPORT IN WRITING ANY NON-SERVICEABLE OR DAMAGED MATERIALS TO OWNER'S REPRESENTATIVE/BUILDING MANAGEMENT WHERE OCCURS PRIOR TO START OF WORK.
- LIFE SAFETY DEVICES SHALL REMAIN OPERATIONAL DURING DEMOLITION AND CONSTRUCTION. UNO.

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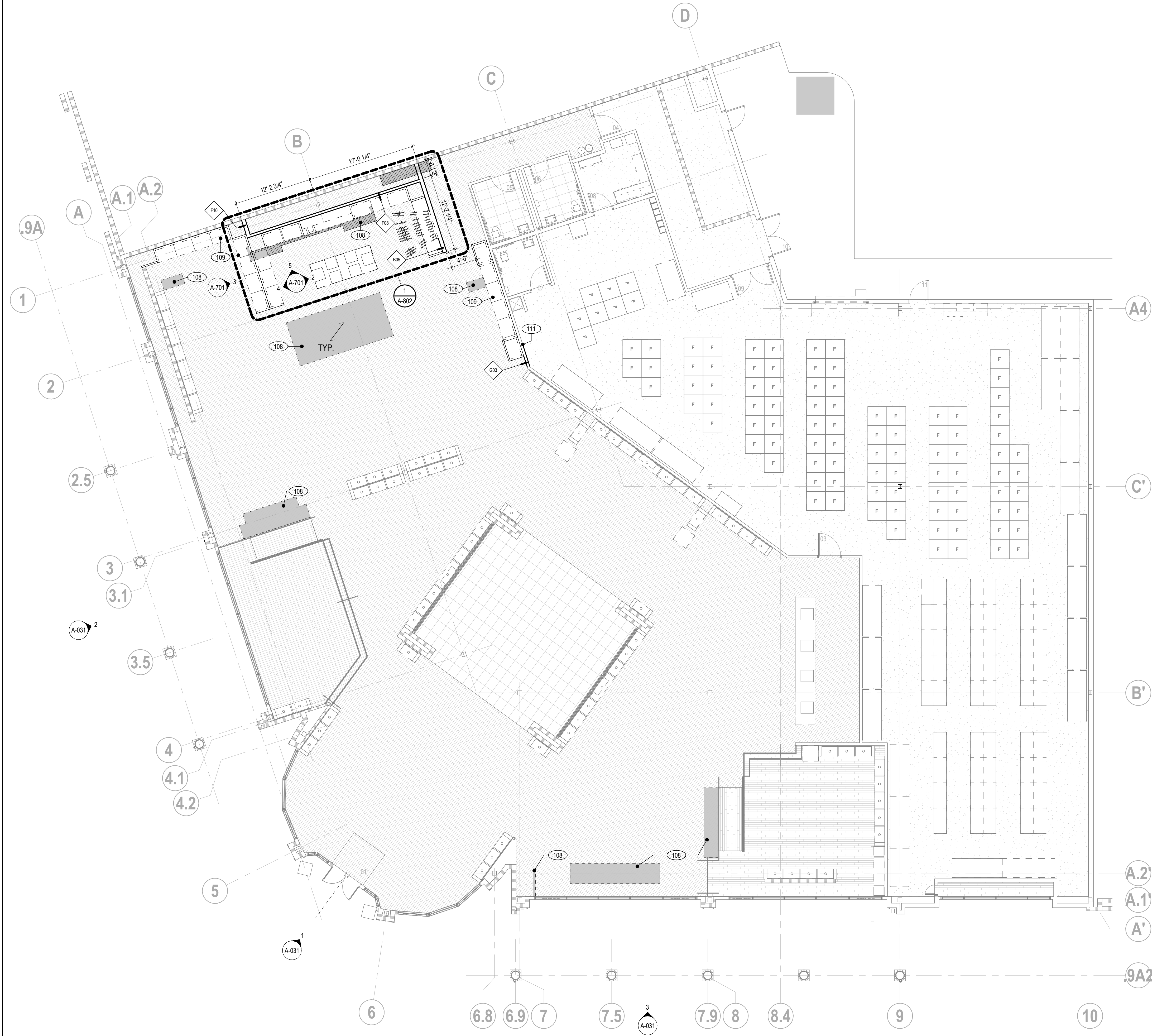
OVERALL DEMOLITION REFLECTED CEILING PLAN

AD-130

KEYNOTES

NO.	DESCRIPTION
031	REMOVE EXISTING LIGHTING TRACK, LIGHT FIXTURES, AND MOUNTING THREADS BACK TO STRUCTURE. LEAVE EXISTING UNISTRUT.

1 OVERALL PLAN
1/8" = 1'-0"



PARTITION SCHEDULE

TYPE	FIRE RATING	UL #	DESCRIPTION	SSMA #	STUD SPACING (IN)	MAX DEFLECTION	MAX HT	THICKNESS	DETAIL REF.
B05	NR	NR	NON-RATED 6" METAL STUDS, FULL HEIGHT [SLAB-TO-SLAB] WITH ONE LAYER 5/8" GYPBOARD EACH SIDE.	600S125-33	16	L/240	25'-6"	7 1/4"	6/A-801
F08	NR	NR	3 5/8" METAL STUD FURRING WITH ONE LAYER 5/8" GYPBOARD ON EXTERIOR (1/2" AIR SPACE BETWEEN STUD AND WALL).	362S125-33	16	L/240	16'-0"	4 3/4"	2/A-801
F10	NR	NR	6" METAL STUD FURRING WITH ONE LAYER 5/8" GYPBOARD ON EXTERIOR (1/2" AIR SPACE BETWEEN STUD AND WALL).	600S125-33	16	L/240	23'-9"	7 1/8"	2/A-801
G03	NR	NR	3 5/8" METAL STUDS WITH ONE LAYER 5/8" GYPBOARD EACH SIDE. PARTIAL-HEIGHT WALL - SEE PLANS/ELEVATIONS/DETAIL FOR HEIGHT (SDC: A&B ONLY).	362S125-33	16	L/240	5' - 0"	4 7/8"	1/A-801

PARTITION LEGEND

	PARTITION TYPE (SEE PARTITION SCHEDULE) INSULATION TYPE, WHERE OCCURS KEYNOTE GLAZED OPENING SYSTEM TYPE NEW CONSTRUCTION FLOOR TO CEILING WINDOW PARTIAL HEIGHT WINDOW (WITH SILL) DOOR TAG (DOOR NUMBER BASED ON ROOM NUMBER WITH ALPHA SUFFIX IF MULTIPLE) EXISTING CONSTRUCTION TO REMAIN NEW 1HR FIRE RESISTANT RATED PARTITION NEW 2HR FIRE RESISTANT RATED PARTITION EXISTING 1HR FIRE RESISTANT RATED PARTITION EXISTING 2HR FIRE RESISTANT RATED PARTITION NEW MILLWORK WITH OVERHEAD CABINETS INFILL FLOORING WHERE DEMO HAS OCCURED, MATCH EXISTING SURFACE MTD FIRE EXTINGUISHER FIRE EXTINGUISHER AND CABINET FIRE PROTECTION RISER CABINET INDICATES MOUNTING HEIGHT A.F.F.
--	--

SHEET NOTES

- DRAWINGS SHALL NOT BE SCALED. VERIFY ALL DIMENSIONS AND EXISTING AS BUILT FIELD CONDITIONS, INCLUDING FIELD MEASUREMENTS PRIOR TO START OF WORK, NOTIFY ARCHITECT WHERE DISCREPANCIES OCCUR.
- USE TYPE "X" GWB ON FIRE RATED PARTITIONS.
- PROVIDE INSULATION FULL DEPTH OF STUD OF A TYPE AND IN LOCATIONS INDICATED IN THE PLAN. INSULATION AT RATED PARTITIONS TO BE NON-COMBUSTABLE, MINERAL WOOL OR EQUIVALENT APPROVED IN THE PROJECT JURISDICTION.
- SEE A-8 DETAIL SHEET SERIES FOR TYPICAL PARTITION DETAILS, EXTENTS OF FRAMING AND FINISHES.
- FIRE SAFE PENETRATIONS AT FIRE RESISTANT RATED PARTITIONS PER APPLICABLE UL ASSEMBLY. SEE A-8 SHEET SERIES FOR DETAILS.
- MAINTAIN INTEGRITY OF EXISTING FIRE RESISTANT RATED ASSEMBLIES FOR PENETRATIONS.
- PROVIDE BLOCKING AS REQUIRED AT LOCATIONS INCLUDING, BUT NOT LIMITED TO: GRAB BARS, SHELVING, OVERHEAD CABINETS, SIGNAGE, TOILET ROOM ACCESSORIES, WALL MOUNT, EQUIPMENT, ETC. [ALL BLOCKING TO BE FIRE RETARDANT TREATED WOOD OR 16 GA (MIN) SHEET METAL.]
- REFER TO A-2 SHEET SERIES FOR POWER & SIGNAL DEVICE LOCATIONS.
- EXPOSED GYPSUM BOARD OUTSIDE CORNERS SHALL HAVE A CONTINUOUS METAL CORNER BEAD.
- DIMENSIONS TAKEN FROM PERIMETER EXTERIOR WINDOW WALL, ARE TAKEN FROM THE INSIDE FACE OF THE VERTICAL MULLION. DIMENSIONS MARKED VERIFY, SHALL BE VERIFIED PRIOR TO START OF WORK UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL COORDINATE WORK WITH HVAC, MECHANICAL, ELECTRICAL, PLUMBING, DELEGATED DESIGN FIRE PROTECTION AND STRUCTURAL DRAWINGS AND REPORT TO THE ARCHITECT DISCREPANCIES FOR CORRECTION AND ADJUSTMENT PRIOR TO START OF WORK. NO ALLOWANCE WILL BE MADE FOR INCREASED COST DUE TO THE CONTRACTOR'S LACK OF COORDINATION.
- CONTRACTOR SHALL FIELD VERIFY EXISTING FIRE RATED CONSTRUCTION ASSEMBLIES DENOTED IN THE DRAWINGS. CONTRACTOR SHALL NOTIFY ARCHITECT IN WRITING OF CONFLICTS BETWEEN THE AS-BUILT CONDITION AND THE DRAWINGS. PRIOR TO PROCEEDING WITH THE WORK THE CONTRACTOR SHALL SUBMIT A PROPOSAL FOR THE COST AND SCHEDULE OF UPGRADING EXISTING ASSEMBLIES DENOTED AS FIRE RATED TO A CODE COMPLIANT LEVEL.
- PATCH AND REPAIR PARTITIONS AFTER DEMOLITION WHERE DAMAGE HAS OCCURRED AT UNPROTECTED LOCATIONS. PLEASE NOTE THAT DEMOLITION ACTIVITY MAY OCCUR BEYOND WORK LIMITS SHOWN ON DEMOLITION PLAN DUE TO CONCEALED CONDITIONS.
- REQUIRED MARKING AND IDENTIFICATION OF PARTITIONS, WHERE THERE IS AN ACCESSIBLE CONCEALED FLOOR, FLOOR-CEILING OR ATTIC SPACE, FIRE WALLS, FIRE BARRIERS, FIRE PARTITIONS, SMOKE BARRIERS AND SMOKE PARTITIONS OR ANY OTHER WALL REQUIRED TO HAVE PROTECTED OPENINGS OR PENETRATIONS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH SIGNS OR STENCILING IN THE CONCEALED SPACE. SUCH IDENTIFICATION SHALL BE LOCATED WITHIN 15 FEET (4572 MM) OF THE END OF EACH WALL AND AT INTERVALS NOT EXCEEDING 30 FEET (9144 MM) MEASURED HORIZONTALLY ALONG THE WALL OR PARTITION AND INCLUDE LETTERING NOT LESS THAN 3 INCHES (76 MM) IN HEIGHT WITH A MINIMUM 3/8-INCH (9.5 MM) STROKE IN A CONTRASTING COLOR INCORPORATING THE SUGGESTED WORDING, "FIRE AND/OR SMOKE BARRIER — PROTECT ALL OPENINGS." OR OTHER WORDING BASED ON LOCAL JURISDICTION. REFER TO PARTITION SCHEDULE, PLAN AND LEGEND TO IDENTIFY APPLICABLE PARTITIONS.

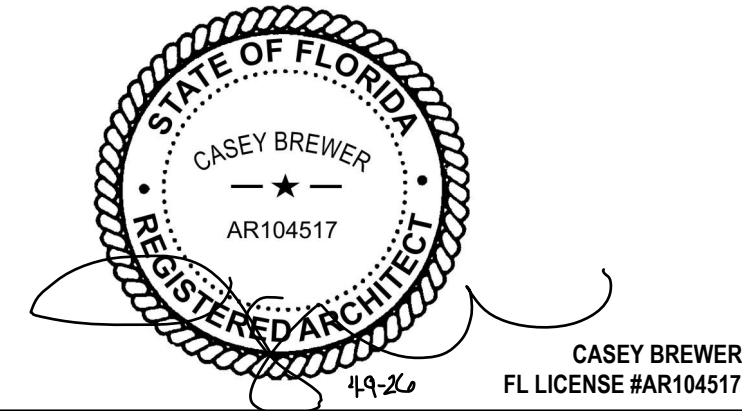
KEYNOTES

NO.	DESCRIPTION
108	INFILL/PATCH/REPAIR WOOD FLOORING WHERE DEMOLITION IS SCHEDULED. WOOD SPECIES FINISH TO MATCH EXISTING. VERIFY IN FIELD. MAY BE ABLE TO RE-USE SALVAGED BOARDS. FEATHER IN NEW SLATS A SLATS INTO EXISTING FLOORING FOR COHESIVE APPEARANCE. NO BOARDS SHORTER THAN 1'-0".
109	NEW MILLWORK FIXTURE. TYP. SEE F-110 FOR MORE INFORMATION.
111	INFILL PARTITION WHERE DOOR HAS BEEN REMOVED. SEE STRUCTURAL DRAWINGS FOR MORE INFORMATION.

west elm

WE COCONUT POINT
REFRESH #0884

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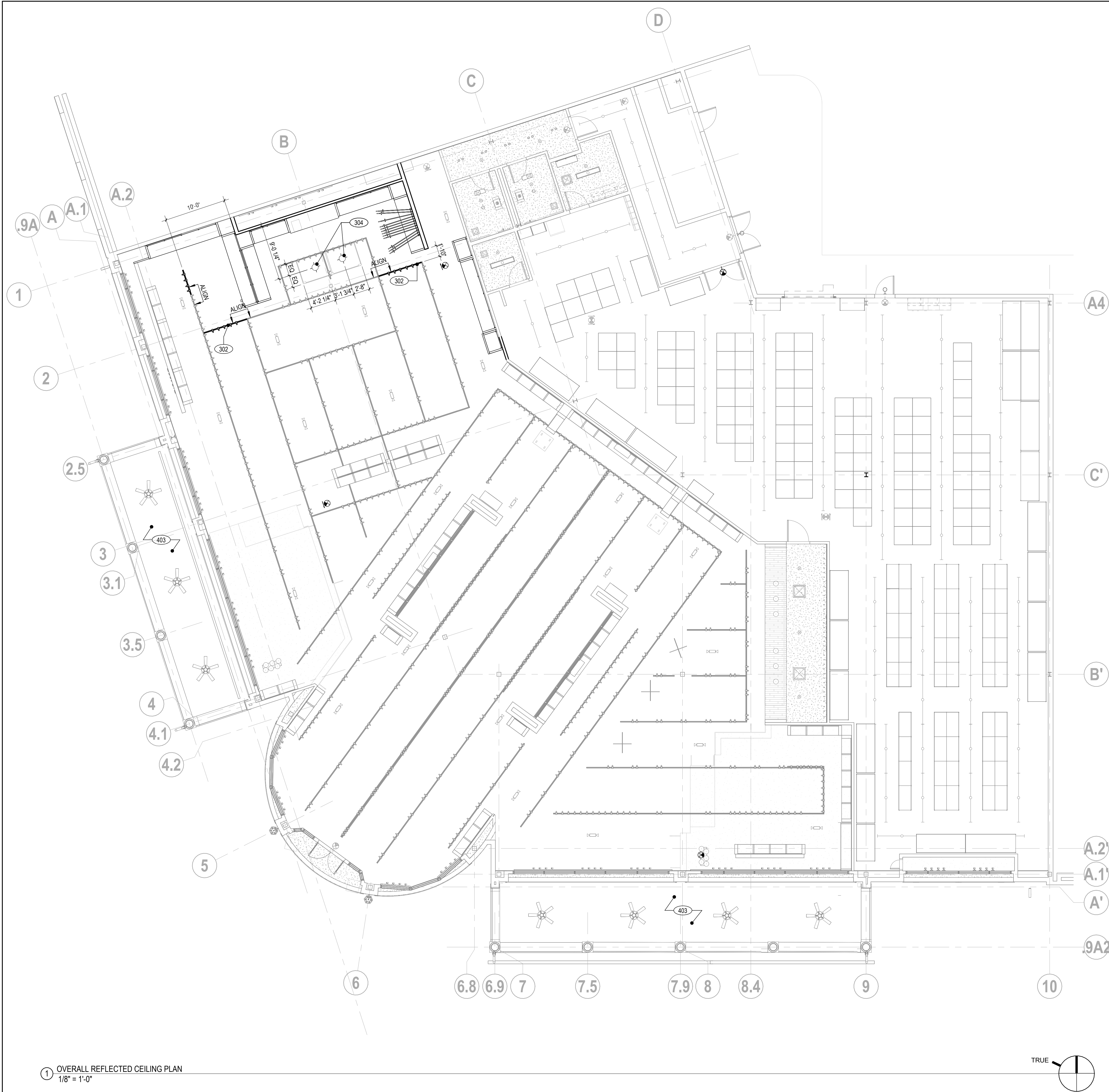
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Owner Approval
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Job No. Scale

OVERALL PLAN

A-110



1 OVERALL REFLECTED CEILING PLAN
1/8" = 1'-0"

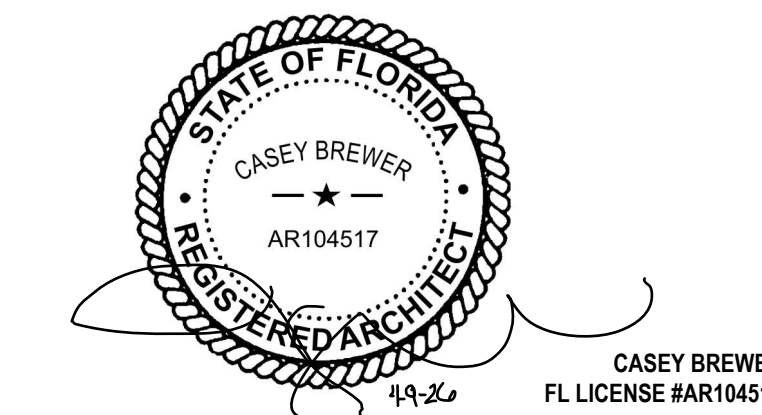
RCP FIXTURE LEGEND		
FIXTURE	DESCRIPTION	COMMENTS
•	FLOOD/SPOT TRACK LIGHT	EACH PAIR OF TRACK LIGHT HEADS CONTAINS (1) FLOOD & (1) SPOT LIGHT. TYP AT ALL LOCATIONS
=====	UNISTRUT SYSTEM	
⊙	WEST ELM PENDANT	
⊕	CEILING MOUNTED TWO SIDED EXIT SIGN	
⊖	WALL MOUNTED EXIT SIGN	

KEYNOTES			
NO.	DESCRIPTION		
302	INSTALL B.O. LIGHTING GRID AT 12'-0" AFF. U.O.N. MATCH EXISTING LIGHTING GRID SPEC. MOUNT FROM EXISTING UNISTRUT GRID MOUNTED TO DECK.		
304	NEW WEST ELM BEZEL PENDANT TO BE SUSPENDED 6'-6" AFF TO B.O. FIXTURE OVER DESIGN CENTER TABLE.		
403	PAINT BREEZEWAY AND CEILING. WE-4, SEE FINISH SCHEDULE.		

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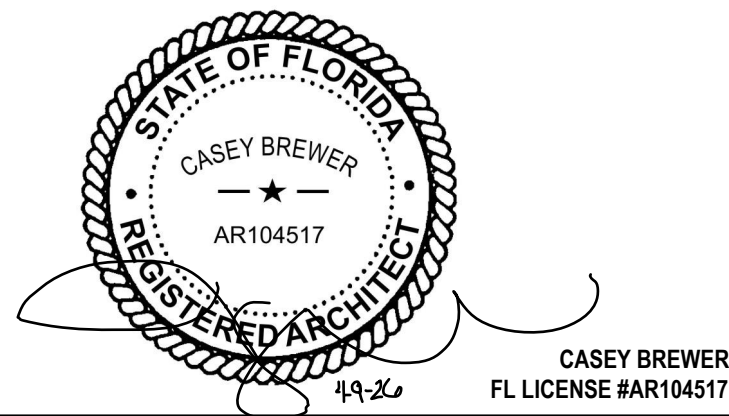
OVERALL REFLECTED
CEILING PLAN
A-130

KEYNOTES	
NO.	DESCRIPTION
201	REMOVE EXISTING TEAK PANEL AND INSTALL NEW SPANDREL GLAZING PANEL GL-5. PROVIDE "WEST ELM" WINDOW APPLIED SIGNAGE BY WSI VENDOR.
207	PAIN
208	SIGNAGE VENDOR TO REMOVE EXISTING SIGNAGE FOR PAINTING AND REINSTALL. SIGNAGE VENDOR TO RELAMP AS NEEDED FOR LIKE NEW CONDITION.
403	PAIN
404	PAIN
405	DO NOT PAINT COLUMNS OR STONE BASE.

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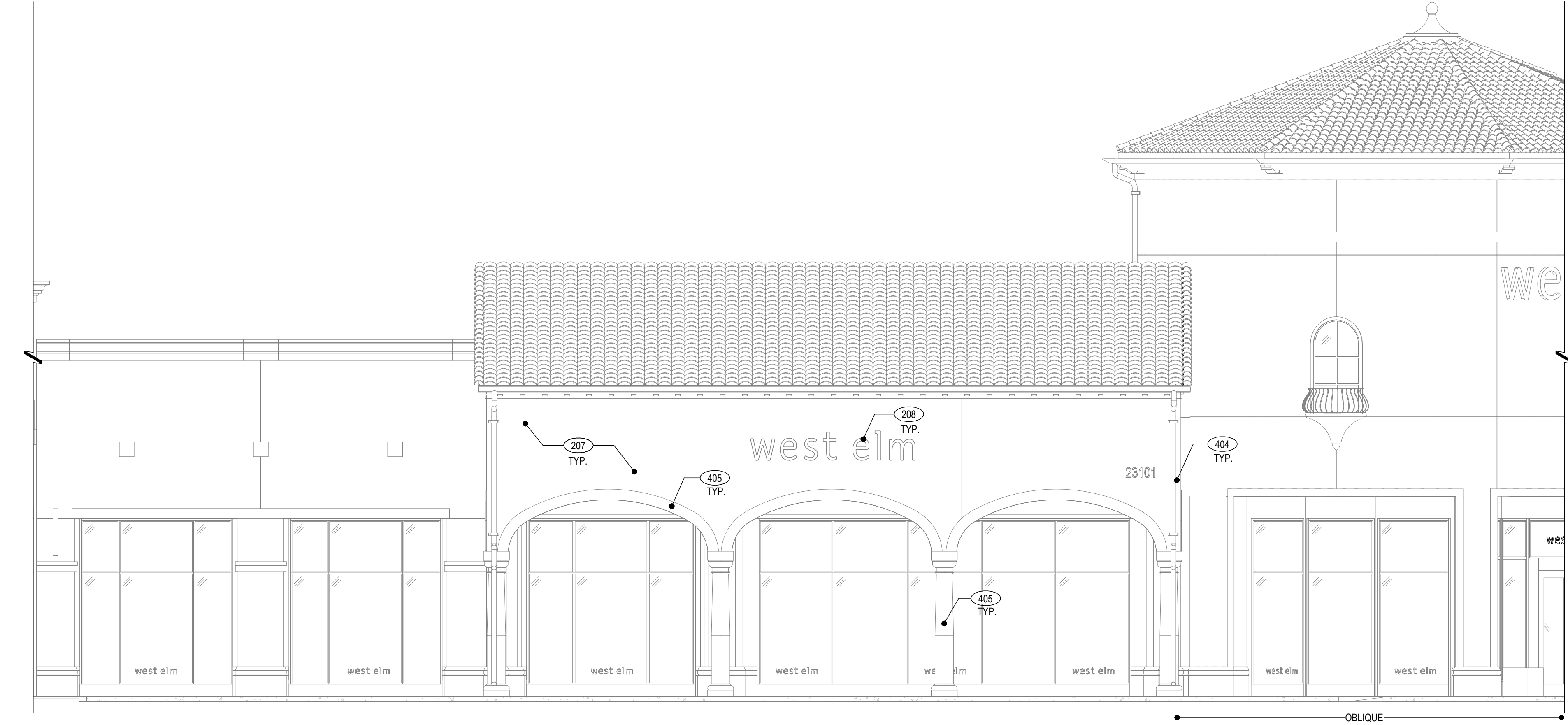
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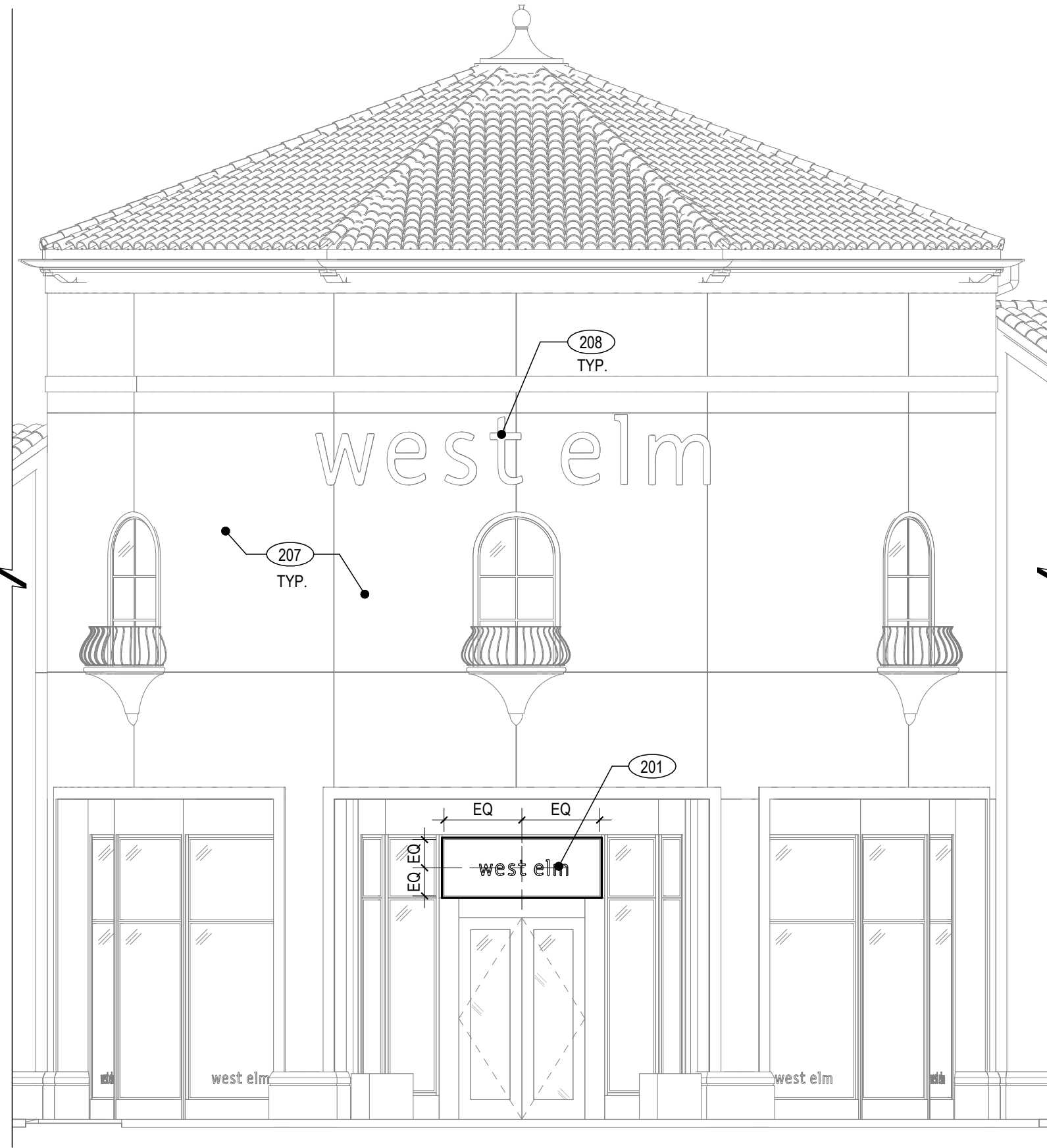
3/16" = 1'-0"
Scale

EXTERIOR ELEVATIONS

A-201



1 EXTERIOR ELEVATION - LEFT
3/16" = 1'-0"



3 EXTERIOR ELEVATION - FRONT
3/16" = 1'-0"

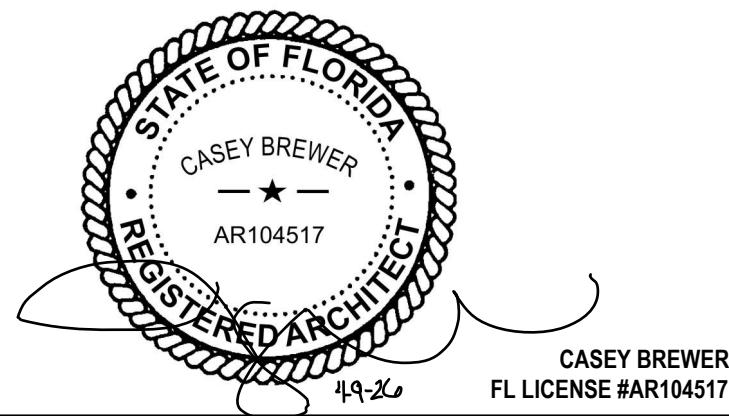


2 EXTERIOR ELEVATION - RIGHT
3/16" = 1'-0"

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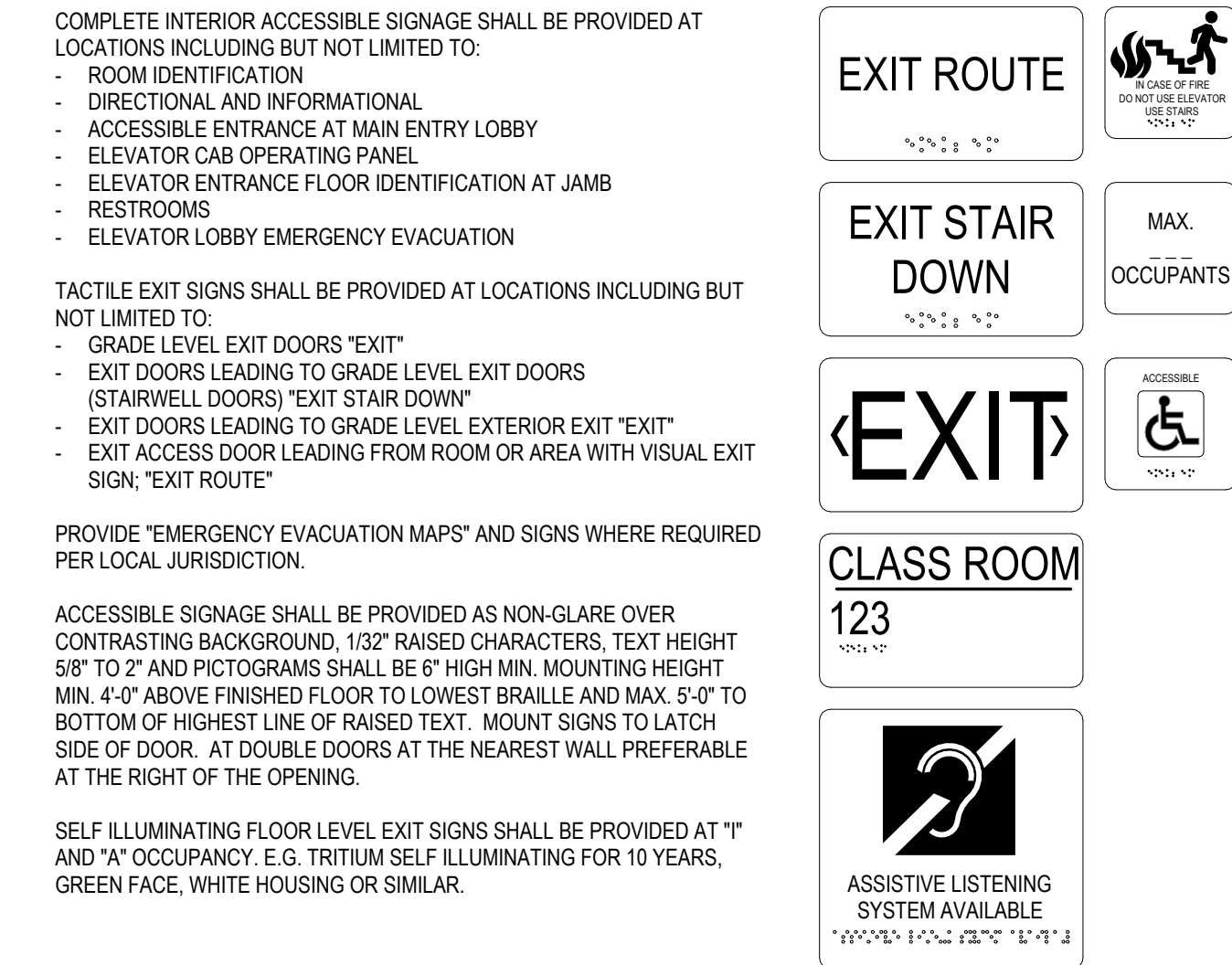
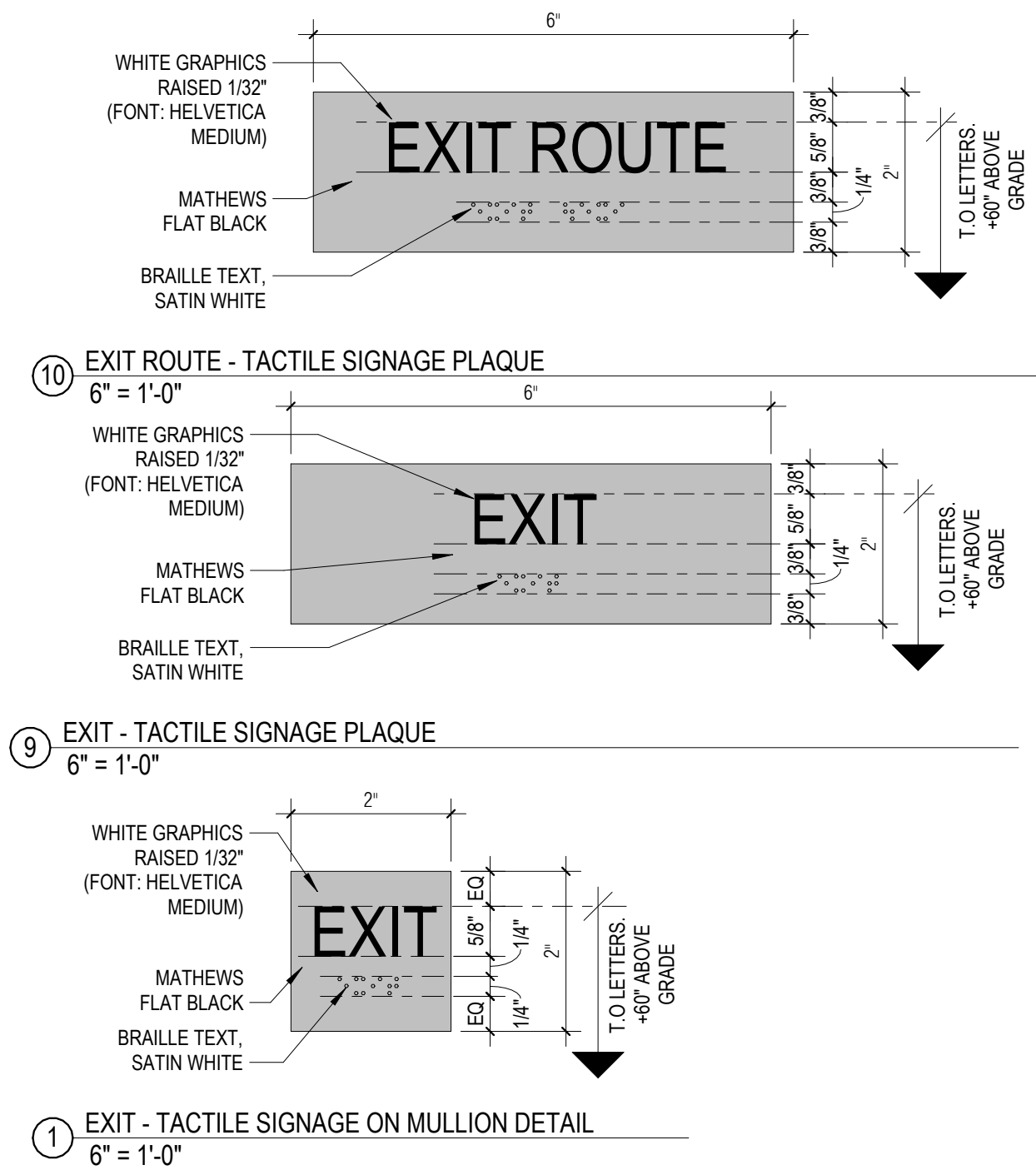
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Owner Approval
24WSMX.4026.000 As indicated
Job No. Scale

INTERIOR SIGNAGE
DETAILS

A-501



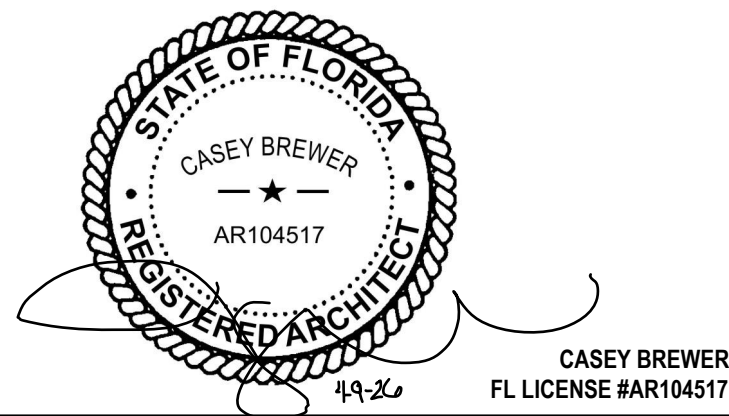
6 EXITING SIGNAGE
12" = 1'-0"

KEYNOTES	
NO.	DESCRIPTION
109	NEW MILLWORK FIXTURE, TYP. SEE F-110 FOR MORE INFORMATION.

west elm

WE COCONUT POINT
REFRESH #0884

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



2	PERMIT SET	04/09/2026
1	PRELIM SET	10/24/2024

DELTA	ISSUE	DESCRIPTION	DATE
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IA | INTERIOR
ARCHITECTS

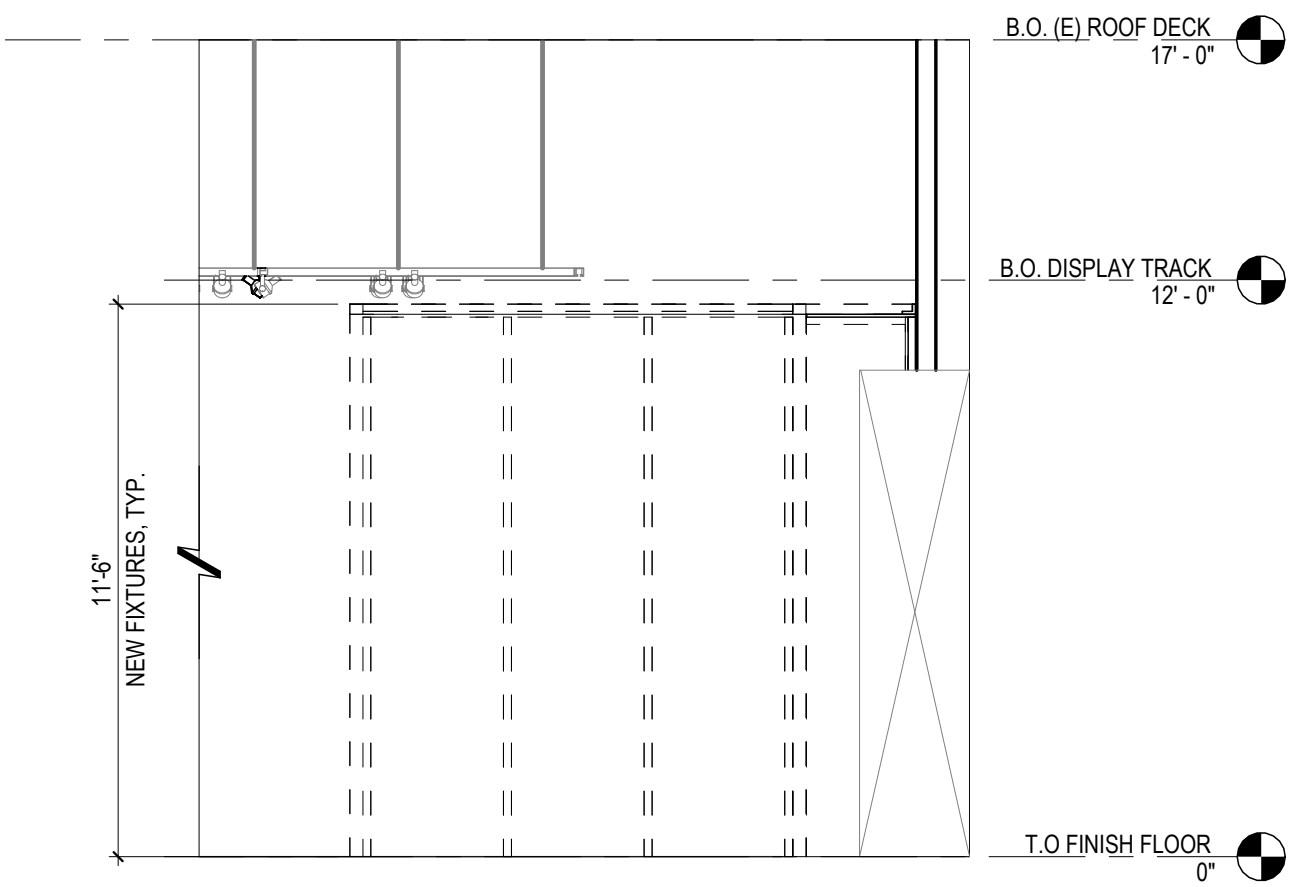
MIAMI
150 ALHAMBRA CIRCLE, SUITE 800
CORAL GABLES, FL 33134

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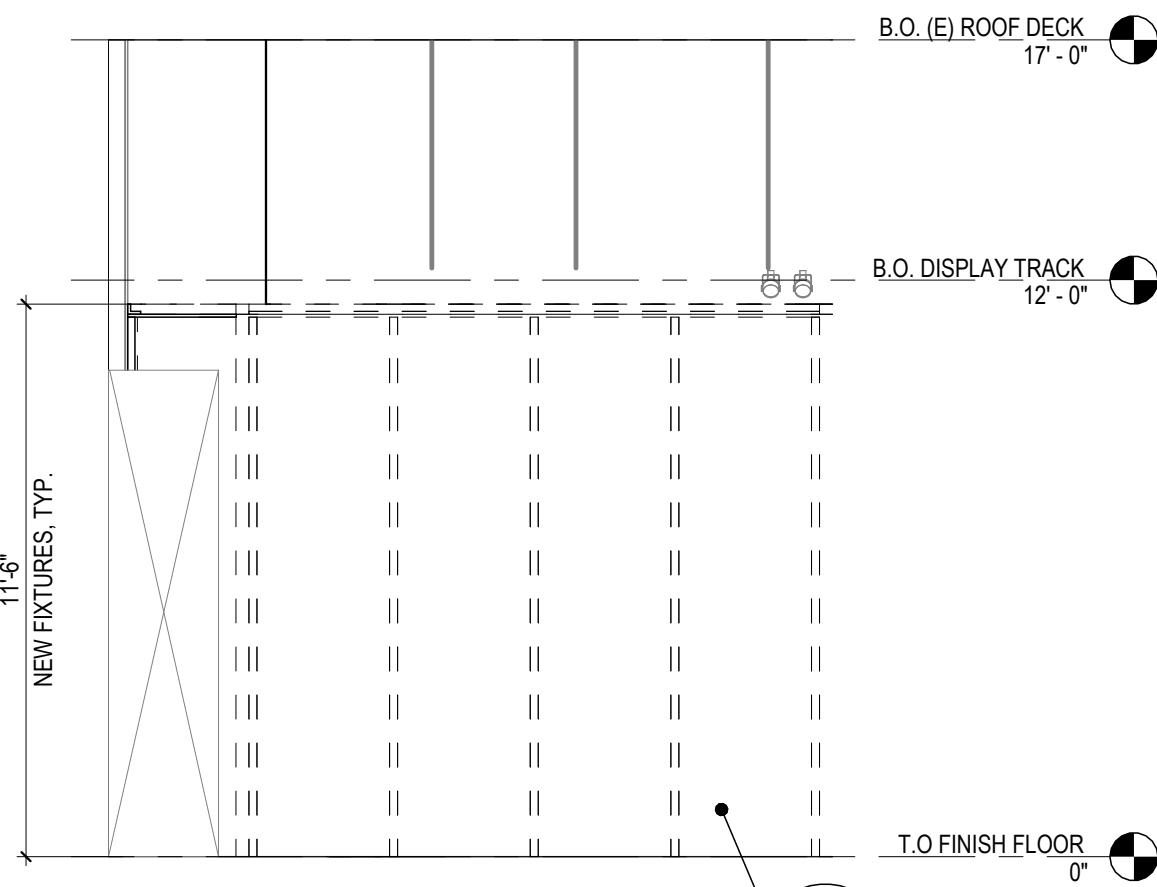
Owner Approval	
24WSMX.4026.000	1/4" = 1'-0"
Job No.	Scale

INTERIOR ELEVATIONS

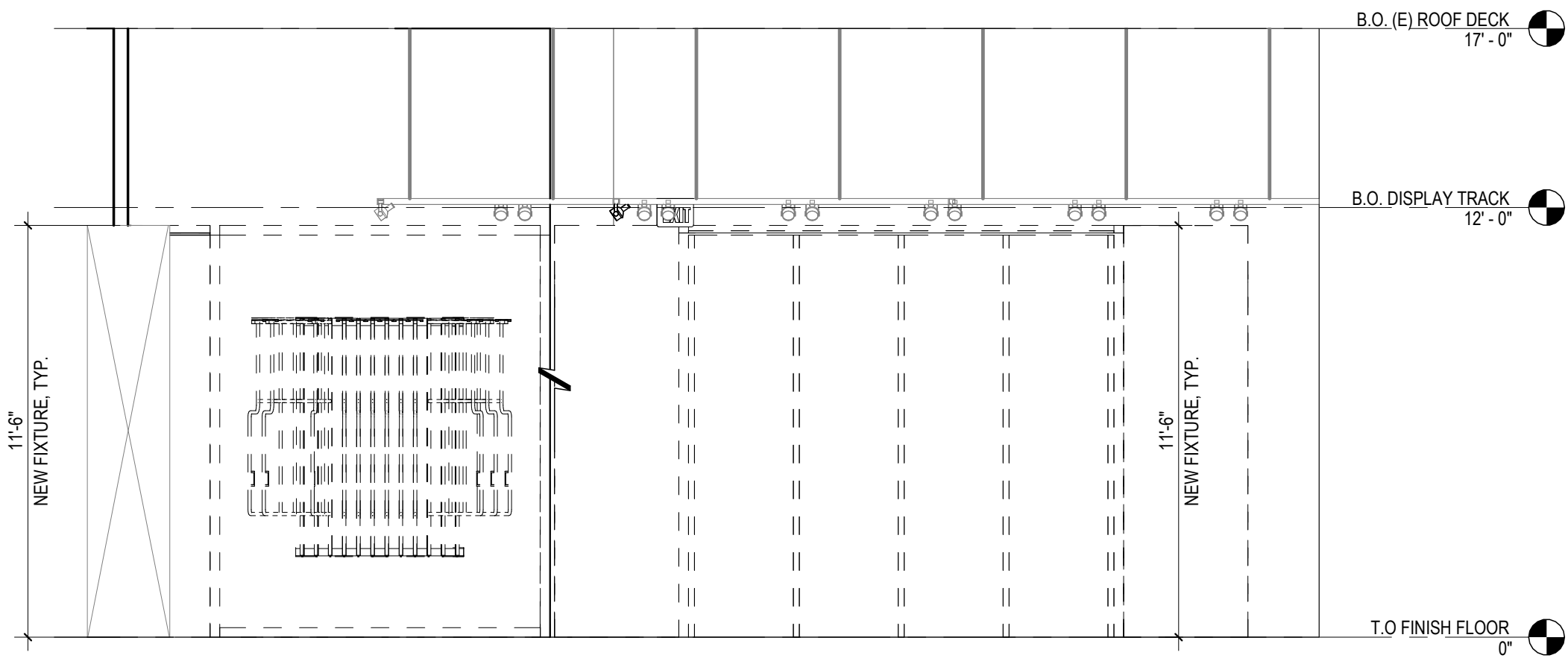
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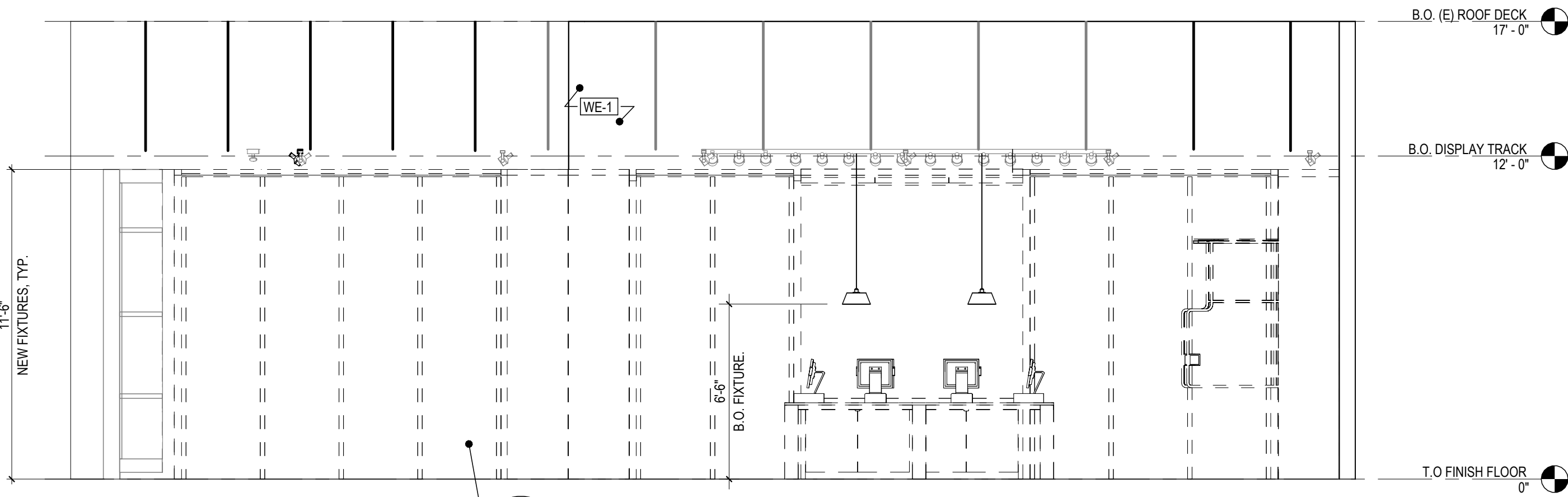
④ SALES FLOOR ELEVATION- 3
1/4" = 1'-0"



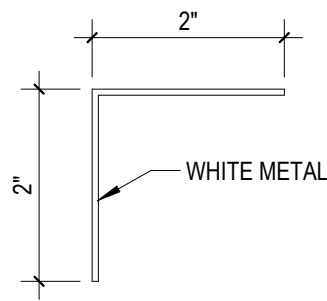
③ SALES FLOOR ELEVATION-2
1/4" = 1'-0"



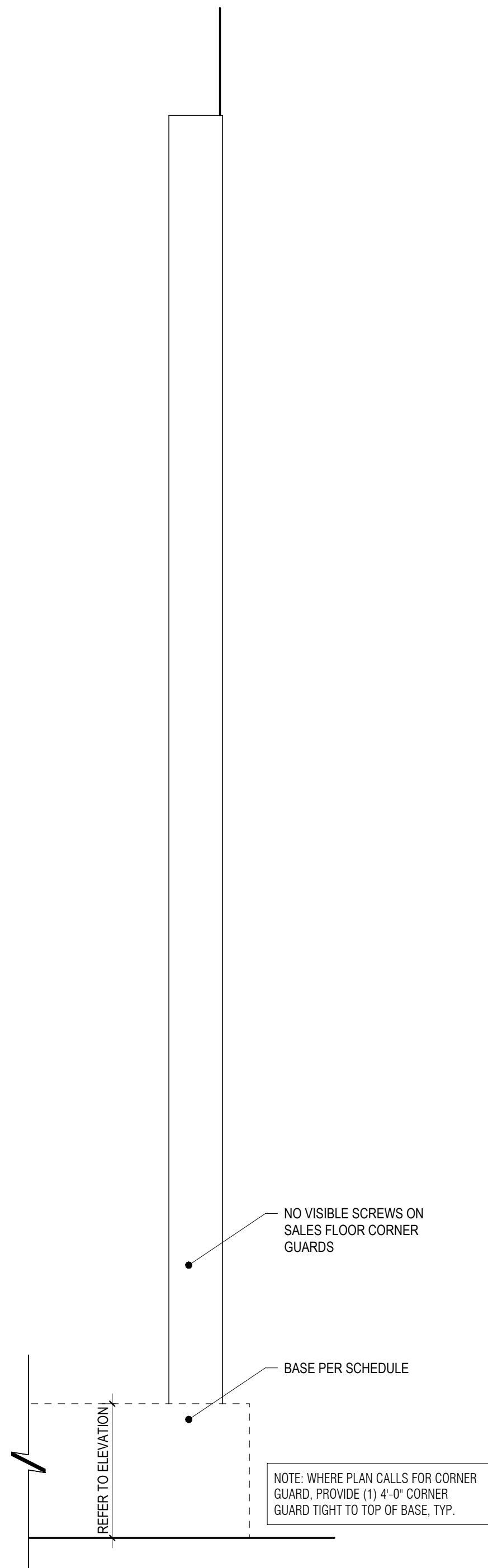
② SALES FLOOR ELEVATION- 5
1/4" = 1'-0"



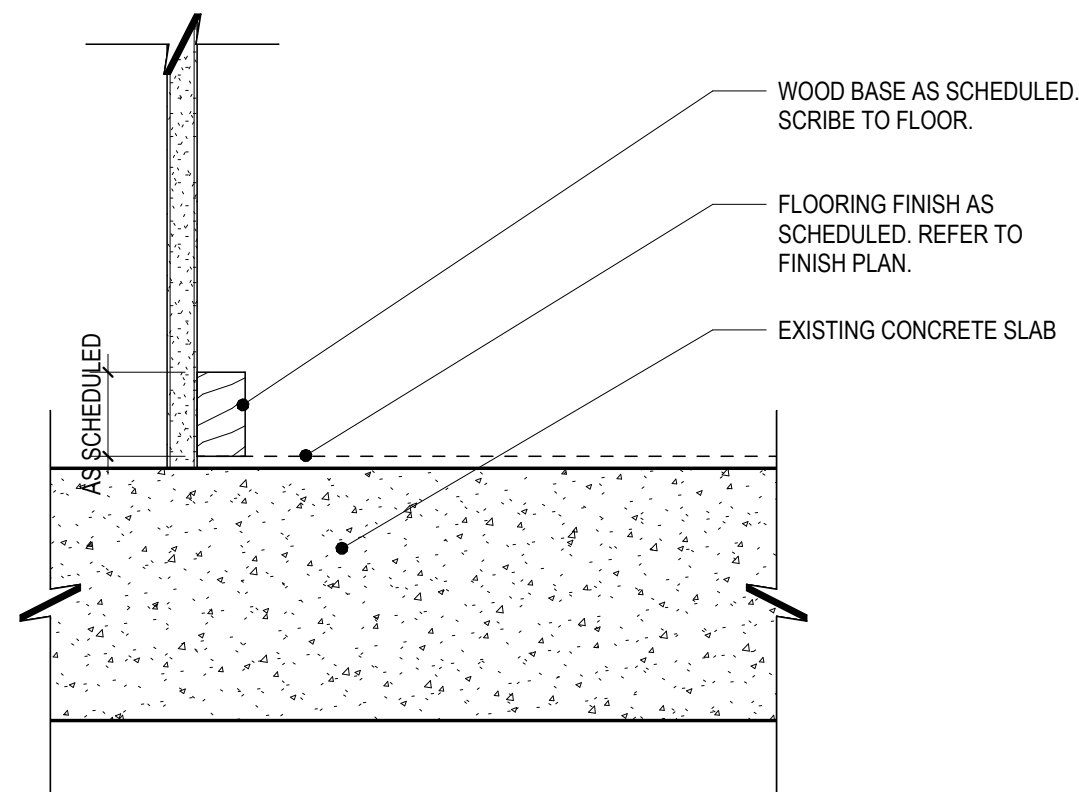
⑤ SALES FLOOR ELEVATION- 4
1/4" = 1'-0"



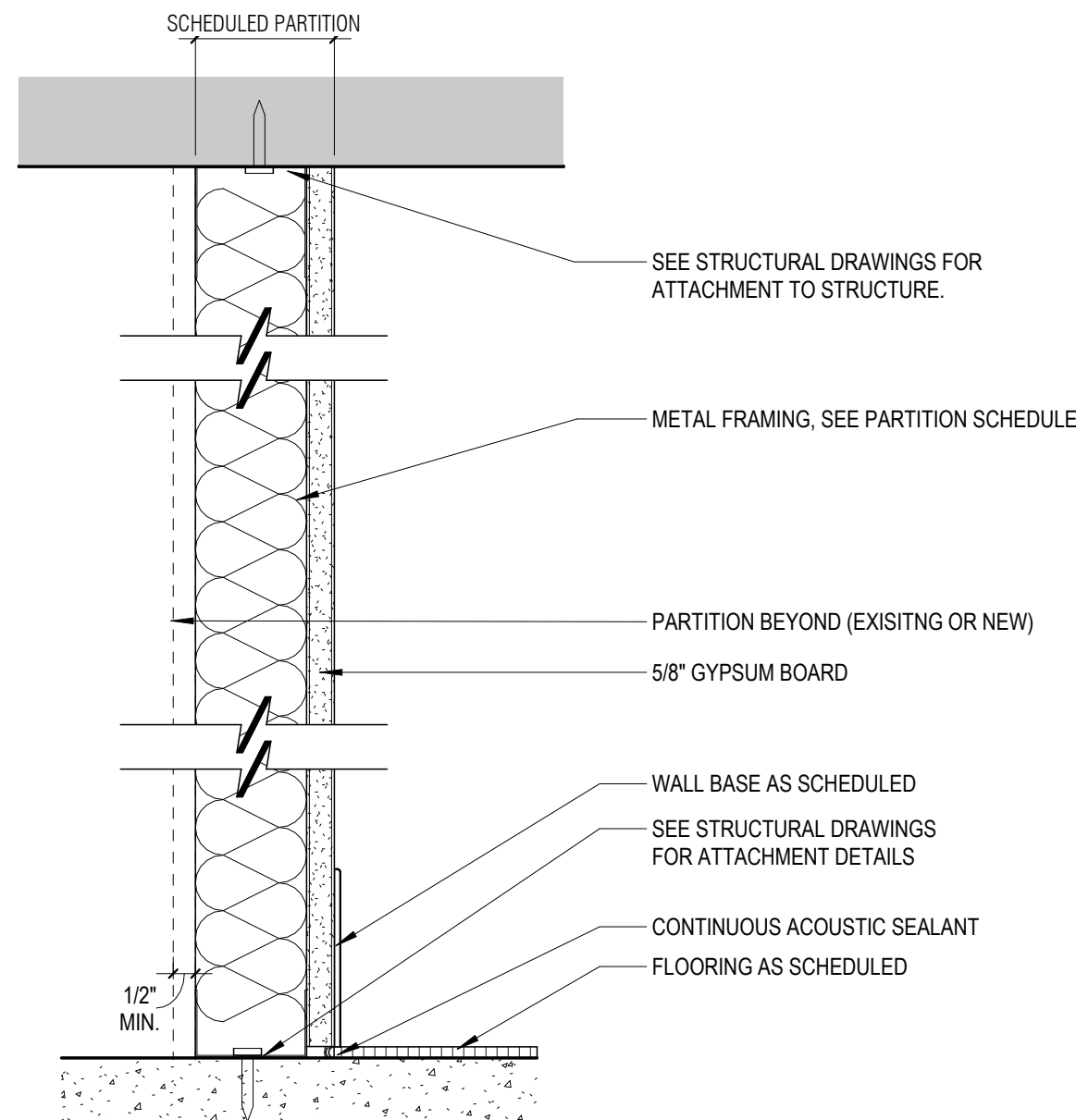
5 SALES FLOOR CORNER GUARD- SECTION
6" = 1'-0"



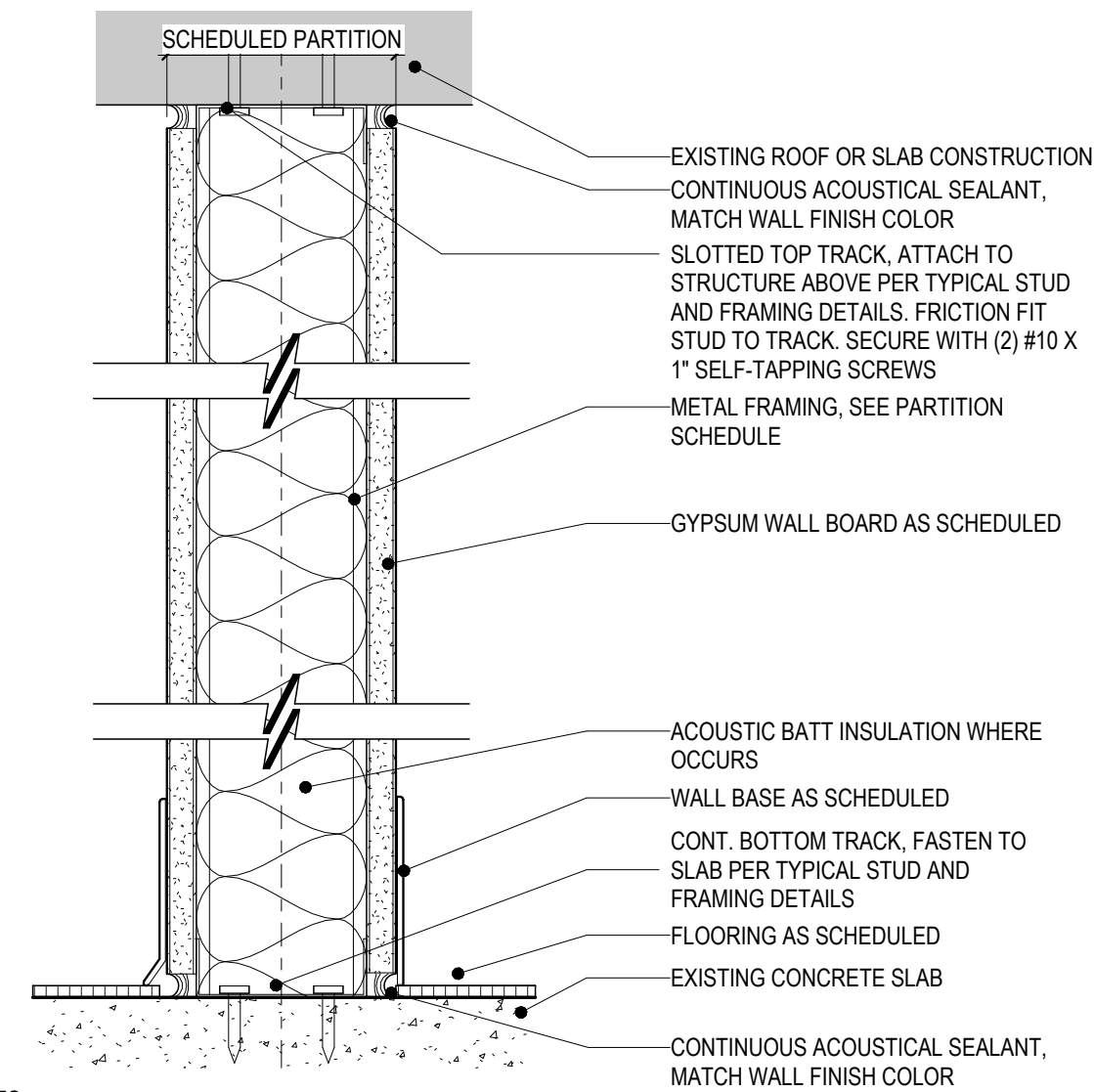
4 CORNER GUARD- ELEVATION
3" = 1'-0"



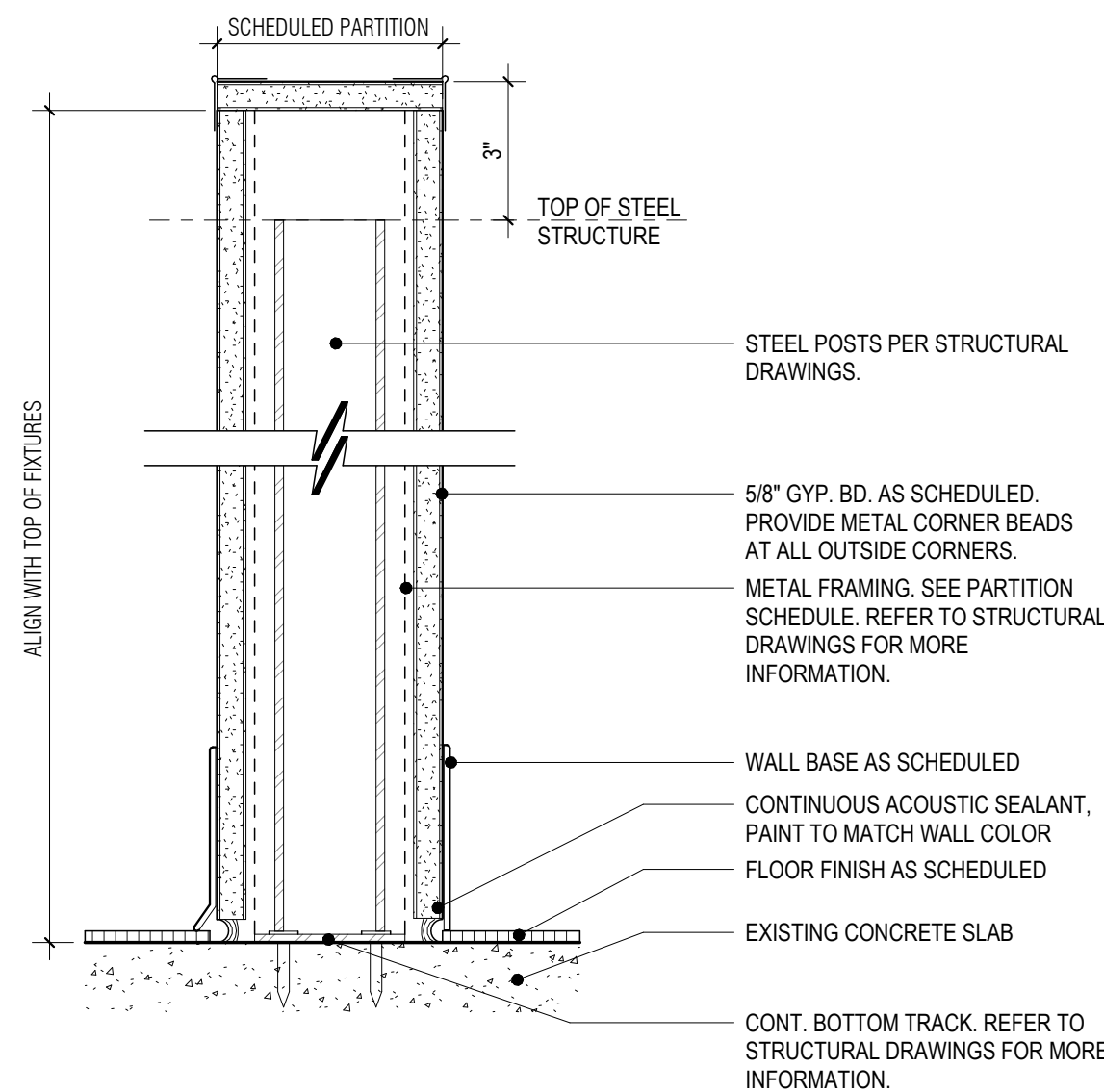
3 TYP. WOOD BASE SECTION
3" = 1'-0"



2 PARTITION TYPE F- FULL HEIGHT
3" = 1'-0"



6 PARTITION TYPE B - FULL HEIGHT
3" = 1'-0"

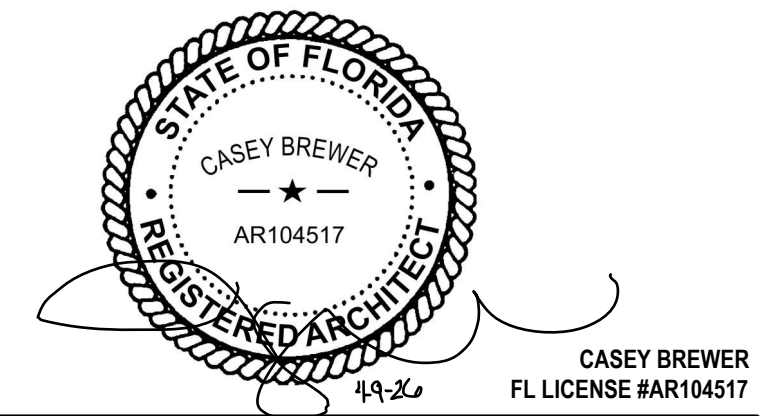


1 PARTITION TYPE G - PARTIAL HEIGHT
3" = 1'-0"

west elm

WE COCONUT POINT
REFRESH #0884

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



2 PERMIT SET 04/09/2026
DELTA ISSUE DESCRIPTION DATE

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ARCHITECTS

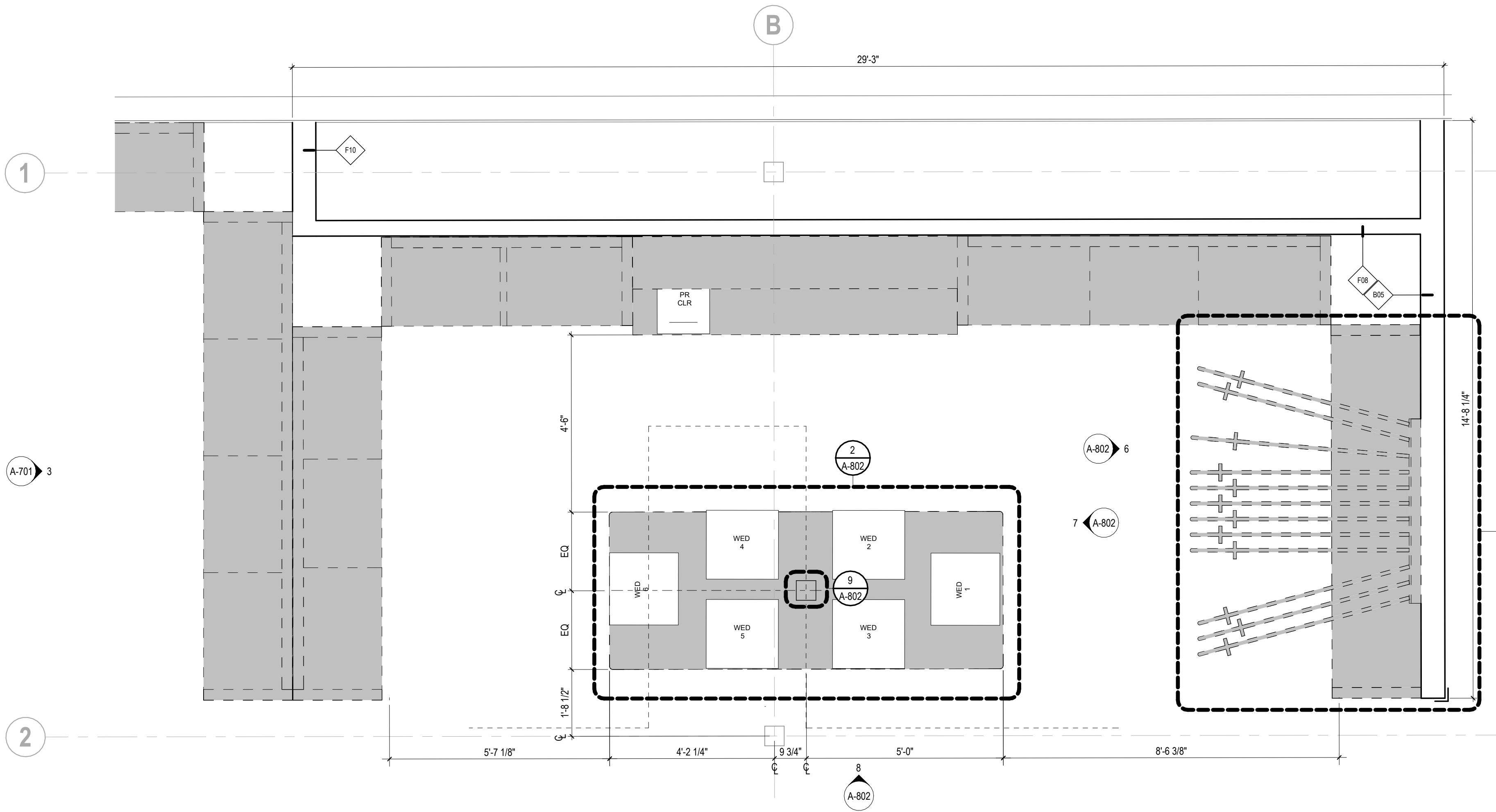
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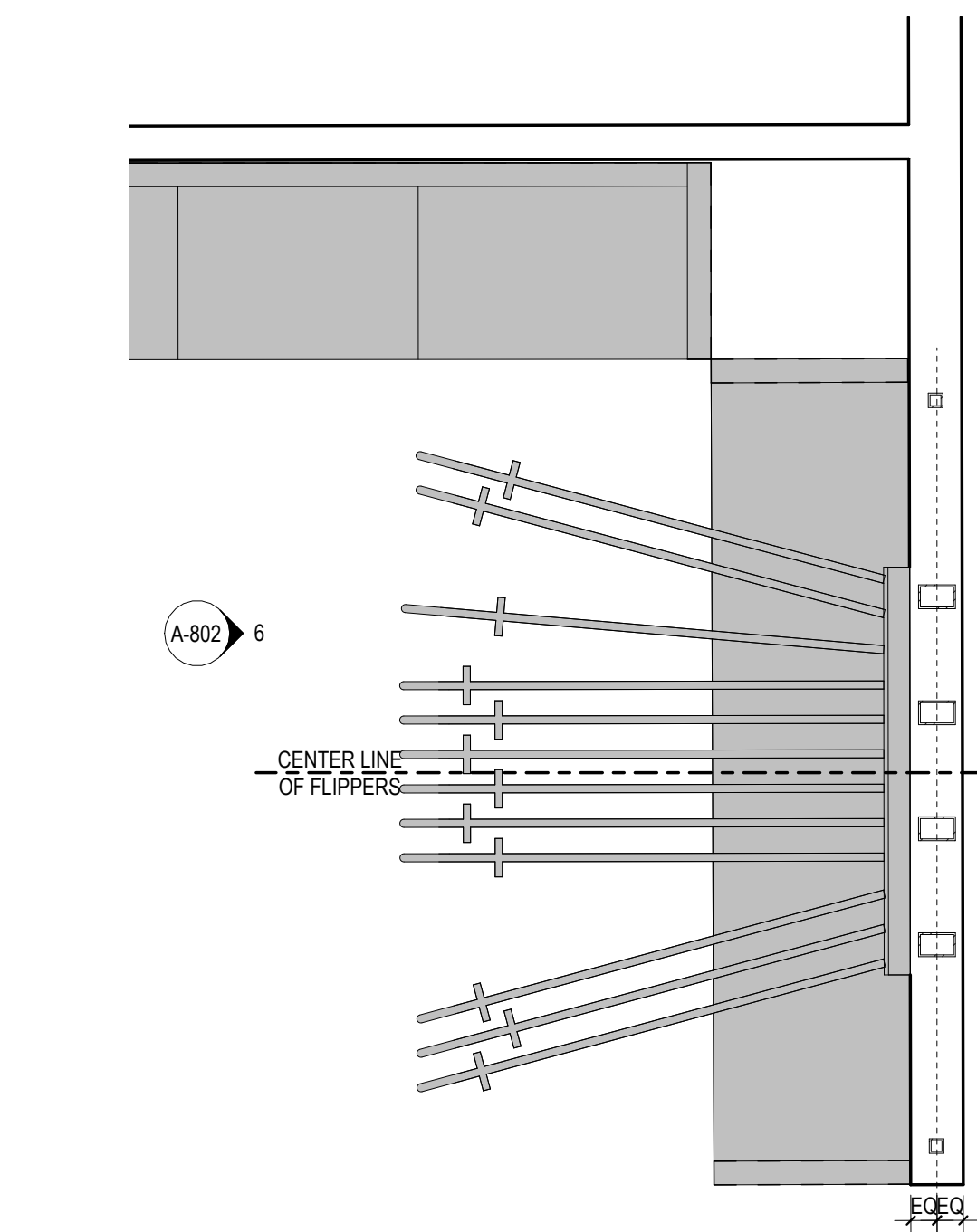
Owner Approval
24WSMX.4026.000 As indicated
Job No. Scale

INTERIOR DETAILS

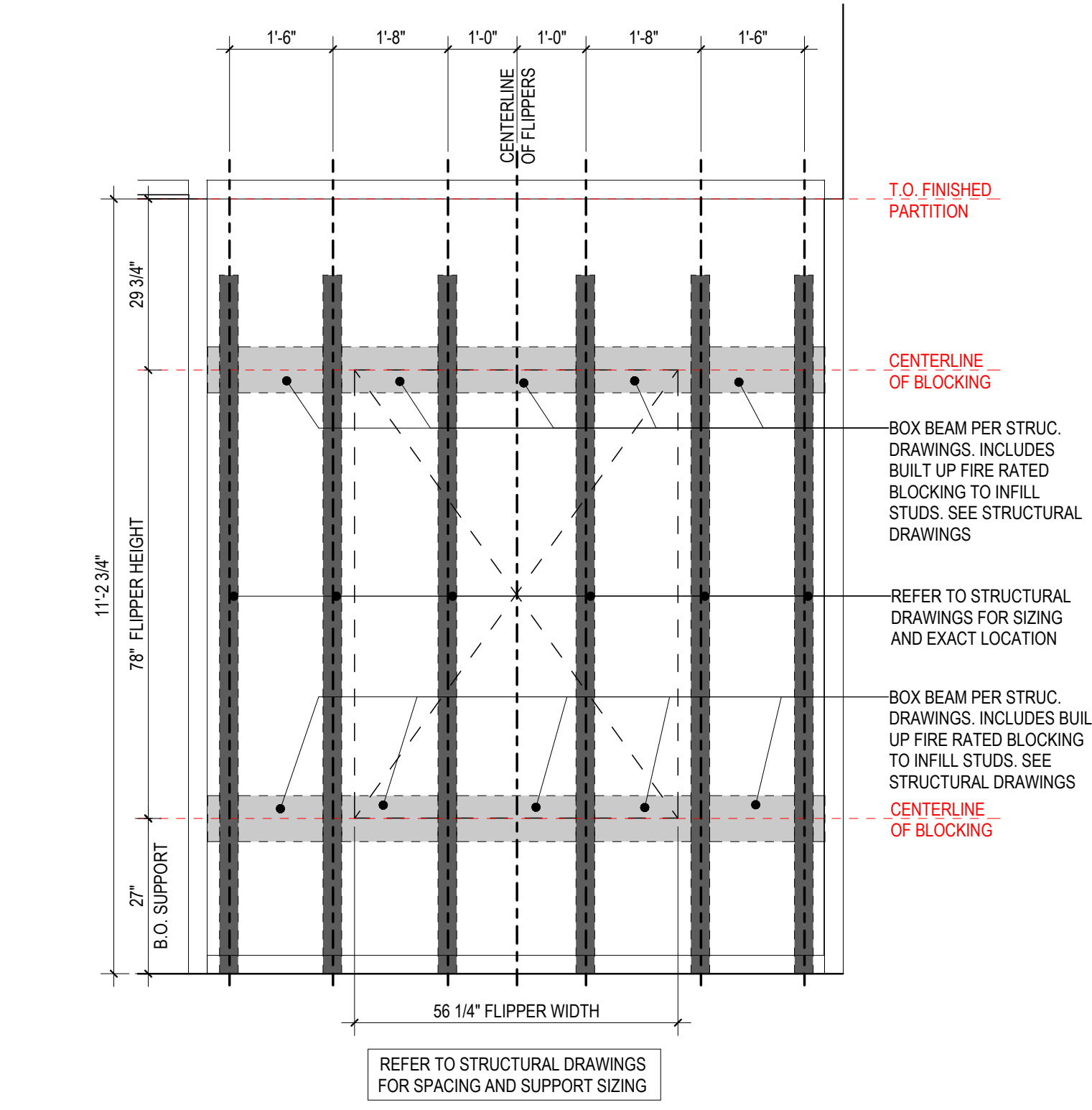
A-801



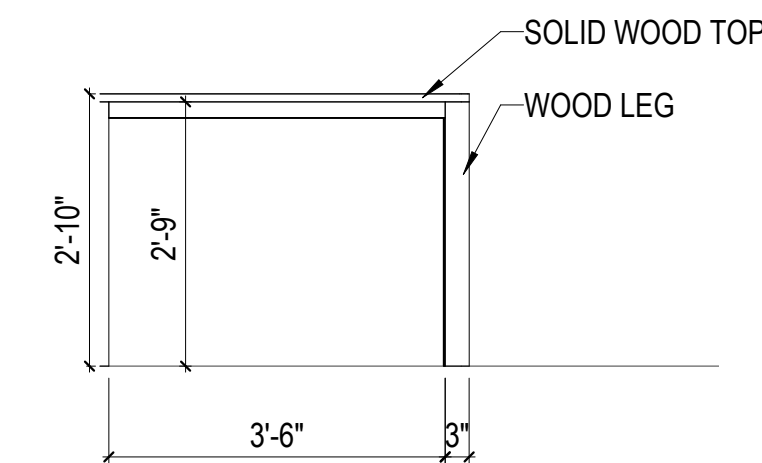
1 ENLARGED PLAN- DESIGN LAB
1/2" = 1'-0"



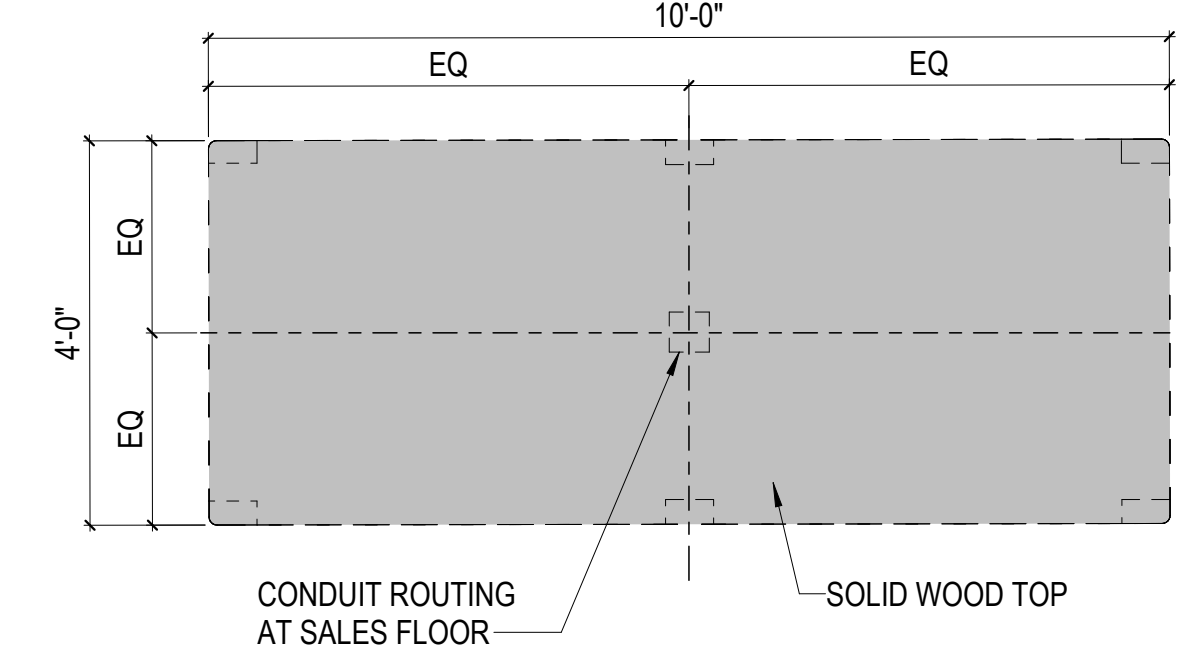
5 FLIPPER SUPPORT PLAN - RUG FLIPPER
1/2" = 1'-0"



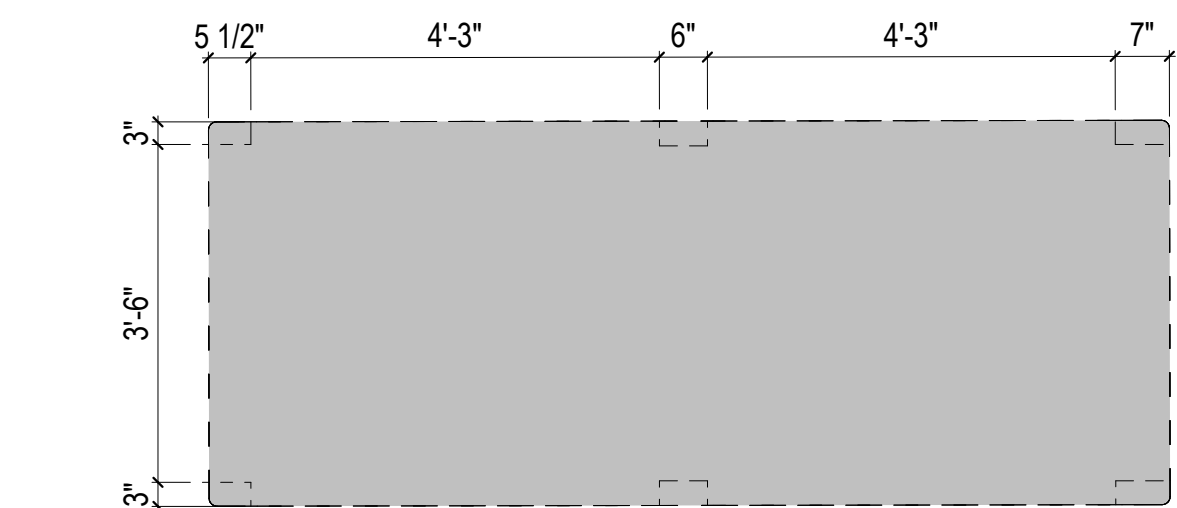
6 FLIPPER SUPPORT ELEVATION- RUG FLIPPER
1/2" = 1'-0"



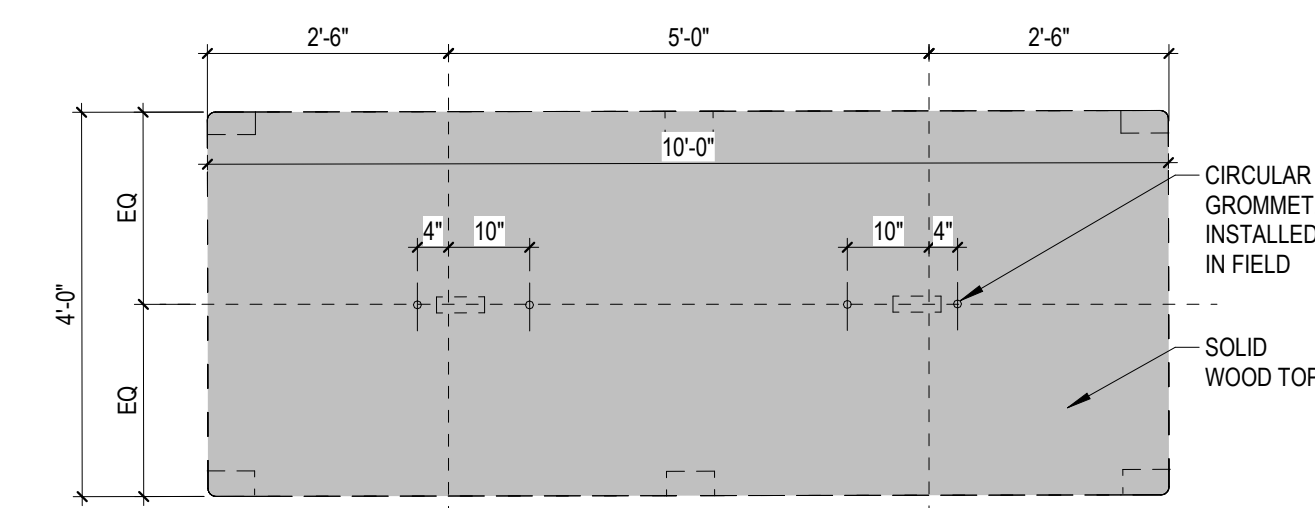
7 DESIGN LAB ELEVATION-2
1/2" = 1'-0"



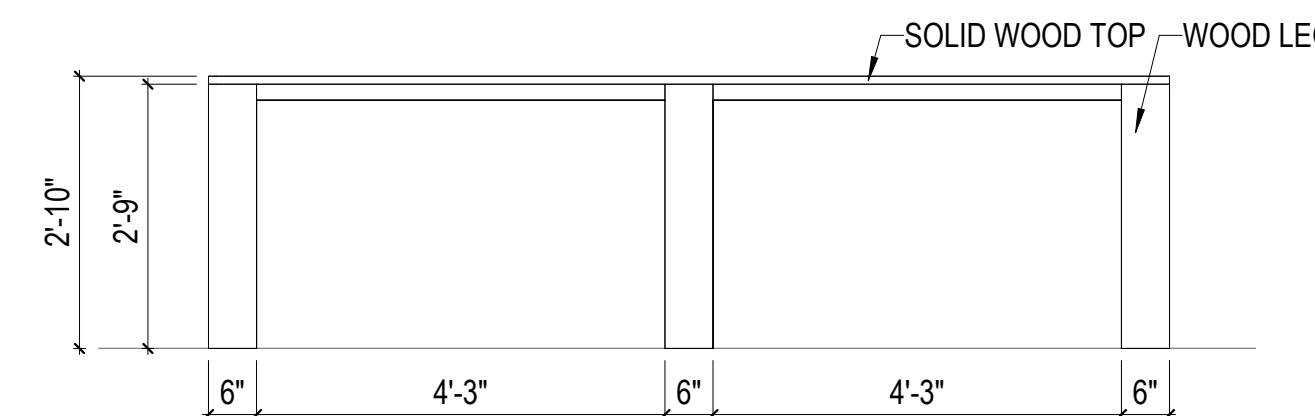
2 DESIGN LAB TABLE- OVERALL ENLARGED PLAN
1/2" = 1'-0"



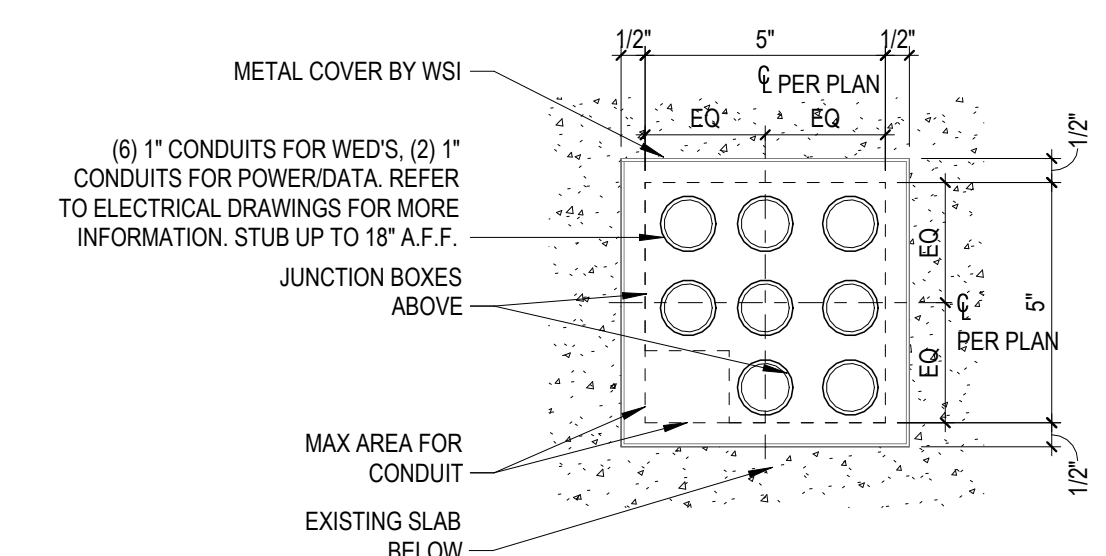
3 DESIGN LAB TABLE- ENLARGED PLAN W/ LEGS
1/2" = 1'-0"



4 DESIGN LAB TABLE- ENLARGED PLAN W/ GROMETS
1/2" = 1'-0"



8 DESIGN LAB- ELEVATION 1
1/2" = 1'-0"

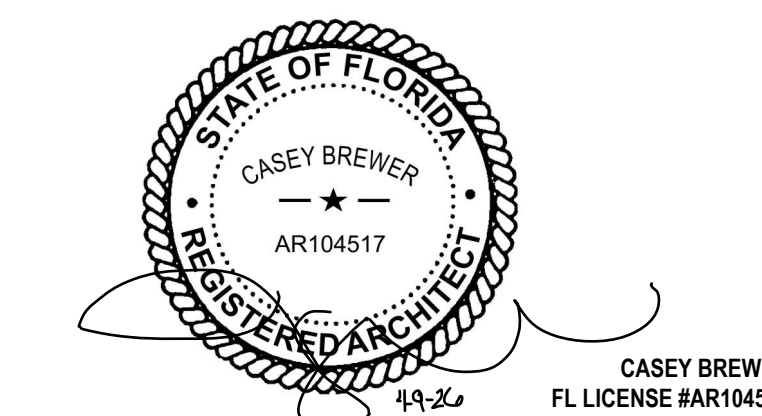


9 CONDUIT AT DESIGN LAB TABLE
3" = 1'-0"

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WE COCONUT POINT
REFRESH #0884

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



2 PERMIT SET 04/09/2026
DATE

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CORAL GABLES, FL 33134

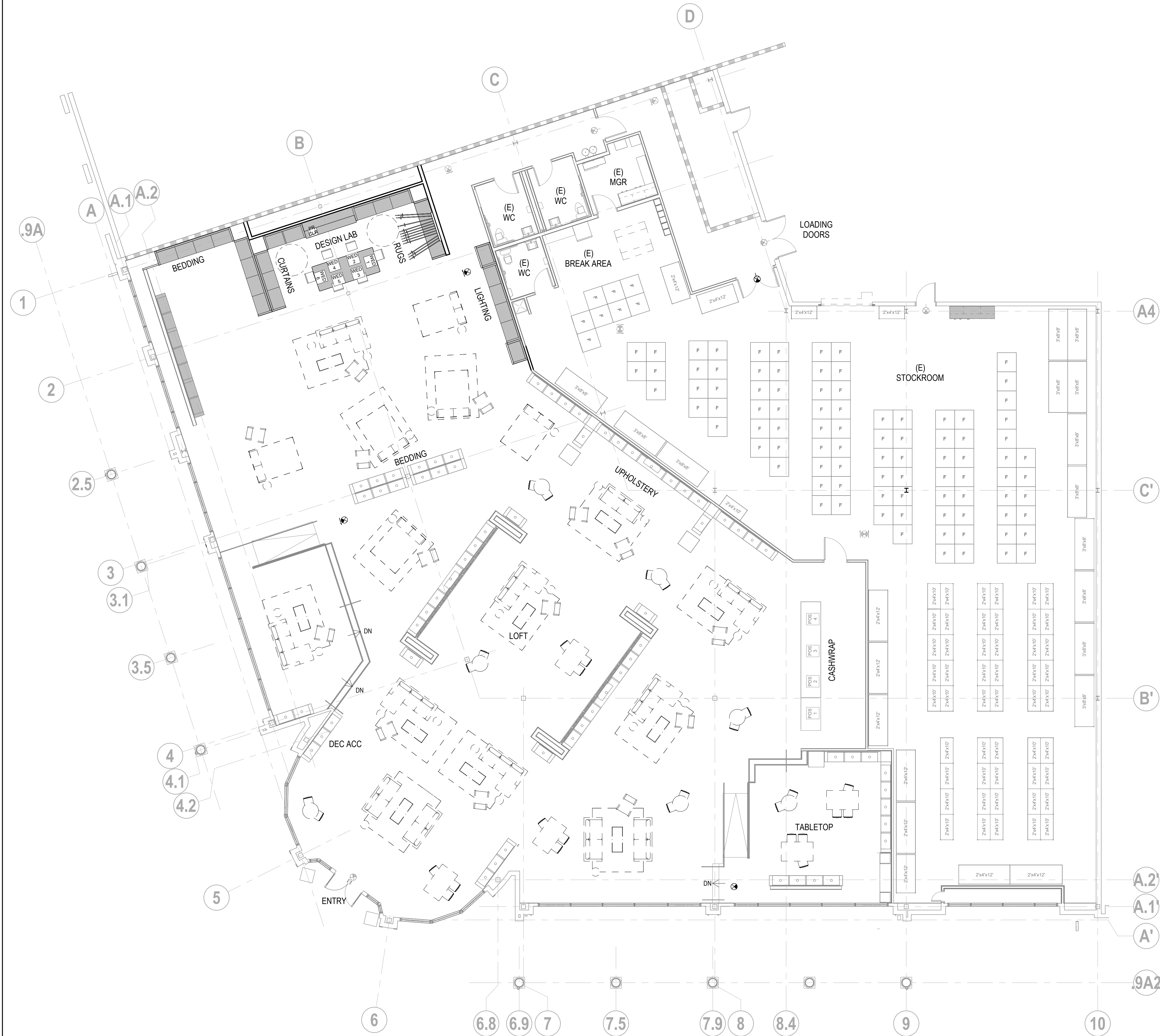
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Owner Approval
24WSMX.4026.000 As Indicated
Job No. Scale

INTERIOR DETAILS -
DESIGN LAB

A-802

1 FUTURE PLAN
1/8" = 1'-0"

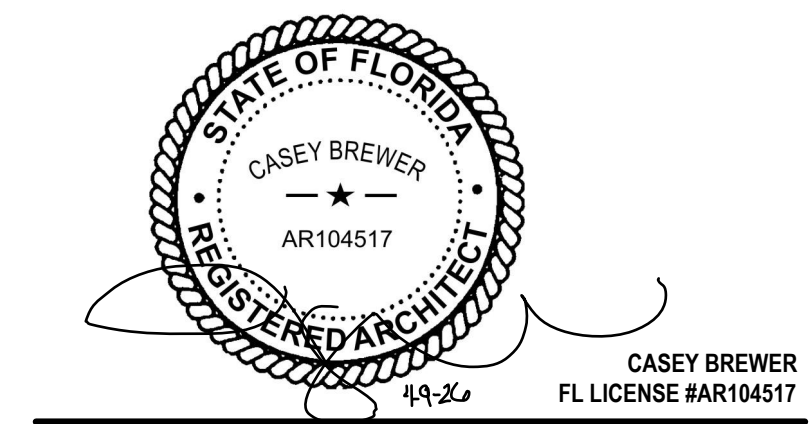


STORE AREA			SF	%	
SALES			9,039	62%	
STOCK/ MISC			5,578	38%	
TOTAL:			14,617	100%	
STOCK BREAKDOWN					
TYPE		QTY	CF	%	
2X3X8 RIVETEERS		1	48		
2X3X10 RIVETEERS		1	60		
2X4X8 RIVETEERS		32	2,048		
2X4X10 RIVETEERS		4	320		
2X4X12 RIVETEERS		20	1,920		
3X6X8 BULK		1	144		
3X6X12 BULK		2	432		
3X8X8 BULK		13	2,496		
3X8X12		7	2,016		
3x3x8 FURN		100	7,200		
TOTAL RIVETEERS		58	4,348	26%	
TOTAL BULK		123	12,288	74%	
TOTAL CUBIC FEET:		181	16,636	100%	
MERCHANDISE BREAKDOWN					
Lifestyles	Ideal QTY. Footprints	Ideal Breakdown	WE COCONUT Qty Footpri...	WE COCONUT Breakdown	Breakdown Delta
Upholstery	12	(6) Std. footprints (6) Grand footprints	11	(5) Std. footprints (6) Grand footprints	-1 0
Dining Tables	10	(2) Rectangle tables in TT shop (1-2) Round table/s in TT shop (5-6) Tables throughout the store	7	(3) Rectangle tables in TT shop	1
				(1) Round table/s in TT shop	0
				(3) Tables throughout the store	-3
Beds	6	(5) Beds in bedding shop (1) Bed throughout the store	6	(6) Beds in bedding shop(1 king bed)	1
				(0) Bed throughout the store	-1
Design...	1	(1) Footprint behind...	1	(1) Footprint	0
Outdoor	2	(2) Footprints throughout the store	2	(2) Footprints throughout the store	0
Other	2	(2) Footprints throughout the store	2	(2) Footprints throughout the store	0
Total	33		29		-3
BAY COUNTS					
Departments	Total Ideal...	Ideal Bay Configurations &...	WE COCONUT...	WE COCONUT Configurations & Type	Total Bay...
Bedding Shop	21	(3) Workhorse 4 bay (1) Workhorse 3 bay (1) Universal 6 bay	29	(3) Universal 4 bay (5) Universal 3 bay (1) Universal 2 bay	8
Tabletop Shop	12	(1) Universal 6 bay (2) Universal 3 bay	12	(1) Universal 3 bay (1) Universal 4 bay (2) Universal 2 bay	0
Dining...	4	(1) Universal 4 bay	3	(2) Universal 3 bay	-1
Side...	5	(1) Universal 5 bay	3	(2) Universal 3 bay	-2
Media Storage	4	(1) Universal 4 bay	3	(2) Universal 3 bay	-1
Garden	6	(2) Universal 3 bay	4	(2) Botanical 2 bay	-2
Candle...	2	(1) Workhorse 2 bay	2	(1) Universal 2 bay	0
Frames	3	(1) Workhorse 3 bay	3	(1) Universal 3 bay	0
Curtains	3	(1) Workhorse 3 bay	3	(1) Universal 3 bay	0
Rugs	7	(1) DL bay w/ 12 rug flippers	3	(1) DL bay w/ 12 rug flippers	-4
		(2) Ladder Workhorse 3 bay			
Lighting	7	(1) Lighting Workhorse 4 bay	4		-3
		(1) Lighting Workhorse 3 bay w/ 2 sconce bays			
Loft	36		36		0
Total	110	(6) B2B 3 bays	97	(6) B2B 3 bays	-13

west elm

WE COCONUT POINT
REFRESH #0884

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



2 PERMIT SET 04/09/2026
1 PRELIM SET 10/24/2024

DELTA ISSUE DESCRIPTION DATE

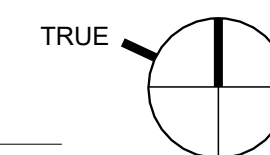
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ARCHITECTS

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Owner Approval
24WSMX.4026.000 1/8" = 1'-0"
Job No. Scale

FIXTURE PLAN
F-110



F-210

① PATH OF GOODS PLAN
1/8" = 1'-0"

1. GOVERNING DOCUMENT: THE DESIGN AND CONSTRUCTION OF THIS PROJECT IS GOVERNED BY THE "FLORIDA BUILDING CODE (FBC)," 2023 EDITION, HEREAFTER REFERRED TO AS THE FBC, AS ADOPTED AND MODIFIED BY THE CITY OF ESTERO, FL. UNDERSTOOD TO BE THE AUTHORITY HAVING JURISDICTION (AHJ).

2. REFERENCE STANDARDS: REFER TO CHAPTER 35 OF THE 2023 FBC. WHERE OTHER STANDARDS ARE NOTED IN THE DRAWINGS, USE THE LATEST EDITION OF THE STANDARD UNLESS A SPECIFIC DATE IS INDICATED. REFERENCE TO A SPECIFIC SECTION IN A CODE DOES NOT RELIEVE THE CONTRACTOR FROM COMPLIANCE WITH THE ENTIRE STANDARD.

3. DEFINITIONS: THE FOLLOWING DEFINITIONS COVER THE MEANINGS OF CERTAIN TERMS USED IN THESE NOTES:

3.1. "ARCHITECT/ENGINEER" - THE ARCHITECT OF RECORD AND THE STRUCTURAL ENGINEER OF RECORD.

3.2. "STRUCTURAL ENGINEER OF RECORD" (SER) - THE STRUCTURAL ENGINEER WHO IS LICENSED TO STAMP AND SIGN THE STRUCTURAL DOCUMENTS FOR THE PROJECT. THE SER IS RESPONSIBLE FOR THE DESIGN OF THE PRIMARY STRUCTURAL SYSTEM.

3.3. "SUBMIT FOR REVIEW" - SUBMIT TO THE ARCHITECT/SER FOR REVIEW PRIOR TO FABRICATION OR CONSTRUCTION.

3.4. "PER PLAN" - INDICATES REFERENCES TO THE STRUCTURAL PLANS, ELEVATIONS, AND STRUCTURAL GENERAL NOTES.

3.5. "SEISMIC FORCE RESISTING SYSTEM" (SFRS) - A RECOGNIZED STRUCTURAL SYSTEM OF COMPONENTS (BEAMS, BRACES, DRAGS, STRUTS, COLLECTORS, DIAPHRAGMS, COLUMNS, WALLS, ETC.) OF THE PRIMARY STRUCTURE THAT ARE SPECIALLY DESIGNED AND PROPORTIONED TO RESIST EARTHQUAKE-INDUCED GROUND MOTIONS AND MAINTAIN STABILITY OF THE STRUCTURE. FABRICATION AND INSTALLATION OF COMPONENTS DESIGNATED AS PART OF THE SFRS REQUIRE THE GENERAL CONTRACTOR, SUB-CONTRACTOR, OR SUPPLIER WHO IS RESPONSIBLE FOR ANY PORTION OF SFRS FABRICATION OR INSTALLATION TO COMPLY WITH SPECIAL REQUIREMENTS (INCLUDING, BUT NOT LIMITED TO, MATERIAL CONTROL, COMPLIANCE CERTIFICATIONS, PERSONNEL QUALIFICATIONS, DOCUMENTATION, REPORTING REQUIREMENTS, ETC.) AND TO PROVIDE THE REQUIRED QUALITY CONTROL, INCLUDING THE REQUIRED COORDINATION OF SPECIAL INSPECTIONS (QUALITY ASSURANCE - QA). SPECIAL PROVISIONS APPLY TO ANY MEMBER DESIGNATED AS PART OF THE SFRS. REFER TO THE PLANS, ELEVATIONS, DETAILS, DESIGN CRITERIA, AND SYMBOLS AND LEGENDS FOR APPLICABLE MEMBERS AND CONNECTIONS.

3.6. "SPECIALTY STRUCTURAL ENGINEER" (SSE) - A PROFESSIONAL ENGINEER (PE OR SE), LICENSED IN THE STATE IN WHICH THE PROJECT IS LOCATED (TYPICALLY NOT THE SER), WHO PERFORMS SPECIALTY STRUCTURAL ENGINEERING SERVICES FOR SELECTED SPECIALTY-ENGINEERED ELEMENTS IDENTIFIED IN THE CONTRACT DOCUMENTS AND WHO HAS EXPERIENCE AND TRAINING IN THE SPECIALTY. DOCUMENTS STAMPED AND SIGNED BY THE SSE SHALL BE COMPLETED BY, OR UNDER, THE DIRECT SUPERVISION OF THE SSE.

3.7. "BIDDER-DESIGNED" COMPONENTS OF THE STRUCTURE THAT REQUIRE THE GENERAL CONTRACTOR, OR SUB-CONTRACTOR, OR SUPPLIER TO BE RESPONSIBLE FOR THE FABRICATION AND INSTALLATION OF SPECIALTY-ENGINEERED ELEMENTS IDENTIFIED IN THE CONTRACT DOCUMENTS TO RETAIN THE SERVICES OF AN SSE. SUBMITTALS OF "BIDDER-DESIGNED" ELEMENTS SHALL BE STAMPED AND SIGNED BY THE SSE.

4. SPECIFICATIONS: REFER TO THE PROJECT SPECIFICATIONS ISSUED AS PART OF THE CONTRACT DOCUMENTS FOR INFORMATION SUPPLEMENTAL TO THESE DRAWINGS.

5. OTHER DRAWINGS: REFER TO THE ARCHITECTURAL, MECHANICAL, ELECTRICAL, CIVIL AND PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION INCLUDING, BUT NOT LIMITED TO, DIMENSIONS, ELEVATIONS, SLOPES, DOOR AND WINDOW OPENINGS, NON-BEARING WALLS, STAIRS, FINISHES, DRAINS, WATERPROOFING, RAILINGS, CURTAIN WALLS, ELEVATORS, CURBS, DEPRESSIONS, MECHANICAL UNIT LOCATIONS, AND OTHER NON-STRUCTURAL ITEMS.

6. STRUCTURAL DETAILS: THE STRUCTURAL DRAWINGS ARE INTENDED TO SHOW THE GENERAL CHARACTER AND EXTENT OF THE PROJECT AND ARE NOT INTENDED TO SHOW ALL DETAILS OF THE WORK. USE ENTIRE DETAIL SHEETS AND SPECIFIC DETAILS REFERRED IN THE PLANS AS "TYPICAL" WHEREVER THEY APPLY. SIMILARLY, USE DETAILS ON ENTIRE SHEETS WITH "TYPICAL" IN THE NAME WHEREVER THEY APPLY.

7. STRUCTURAL RESPONSIBILITIES: THE SER IS RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE PRIMARY STRUCTURE IN ITS COMPLETED FORM.

8. COORDINATION: THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING DETAILS AND ACCURACY OF THE WORK, CONFIRMING AND CORRELATING ALL QUANTITIES AND DIMENSIONS, SELECTING FABRICATION PROCESSES, TECHNIQUES OF ASSEMBLY, AND PERFORMING WORK IN A SAFE AND SECURE MANNER.

9. EXISTING CONDITIONS: INFORMATION SHOWN ON THE DRAWINGS RELATED TO EXISTING CONDITIONS REPRESENT THE PRESENT KNOWLEDGE BUT WITHOUT GUARANTEE OF ACCURACY. REPORT CONDITIONS THAT CONFLICT WITH CONTRACT DOCUMENTS TO THE ARCHITECT OR SER. DO NOT DEVIATE FROM THE CONTRACT DOCUMENTS WITHOUT WRITTEN DIRECTION FROM THE ARCHITECT AND/OR SER. ALL EXISTING DIMENSIONS AND INFORMATION SHALL BE FIELD VERIFIED PRIOR TO FABRICATION AS REQUIRED TO COORDINATE WITH NEW CONSTRUCTION.

10. NEW CONSTRUCTION: THE CONTRACTOR SHALL REMOVE ALL INTERFERING ITEMS FOR NEW CONSTRUCTION AND SHALL REPAIR OR REPLACE ALL REMOVED ITEMS TO MATCH THE EXISTING CONDITIONS IN ACCORDANCE WITH THE ARCHITECTURAL DRAWINGS. NEW CONSTRUCTION ELEMENTS SHALL BE DESIGNED AND INSTALLED PER THE CURRENT IBC AS ALLOWED BY THE FBC.

11. PRE-CONSTRUCTION MEETINGS: THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING PRE-CONSTRUCTION MEETINGS PRIOR TO COMMENCING WORK. PRE-CON MEETINGS, SCHEDULED APPROXIMATELY TWO WEEKS PRIOR TO THE START OF THE RELEVANT WORK, ARE REQUIRED FOR THE FOLLOWING PHASES OF CONSTRUCTION: STRUCTURAL STEEL, ATTENDEES FOR PRE-CONSTRUCTION MEETING ARE TO INCLUDE THE CONTRACTOR, RELEVANT SUBCONTRACTORS, FABRICATORS, INSPECTORS, ARCHITECT/SER, AND A REPRESENTATIVE OF THE AHJ WHERE REQUIRED. MEETINGS ARE TO INCLUDE REVIEW OF THE WORK SCOPE, PROJECT SCHEDULE RELEVANT TO THE WORK, CONTACT INFORMATION OF RESPONSIBLE PARTIES, INSPECTION POINTS, REVIEW OF MATERIALS AND ANY SPECIAL CASES OR ISSUES, PROCEDURES FOR CLARIFICATIONS IF REQUIRED, TESTING AND ACCEPTANCE, ETC.

12. MEANS, METHODS, AND SAFETY REQUIREMENTS: THE CONTRACTOR IS RESPONSIBLE FOR THE MEANS AND METHODS OF CONSTRUCTION AND ALL JOB-RELATED SAFETY STANDARDS SUCH AS OSHA AND DOSH (DEPARTMENT OF OCCUPATIONAL SAFETY AND HEALTH). THE CONTRACTOR IS RESPONSIBLE FOR MEANS AND METHODS OF CONSTRUCTION RELATED TO THE INTERMEDIATE STRUCTURAL CONDITIONS (I.E., MOVEMENT OF THE STRUCTURE DUE TO MOISTURE AND THERMAL EFFECTS, CONSTRUCTION SEQUENCE, TEMPORARY BRACING, ETC.).

13. BRACING/SHORING DESIGN ENGINEER: THE CONTRACTOR SHALL, AT THEIR DISCRETION, EMPLOY AN SSE FOR THE DESIGN OF ANY TEMPORARY BRACING AND SHORING. SUBMIT CONSTRUCTION SEQUENCE TO ARCHITECT/ENGINEER FOR REVIEW.

14. TEMPORARY SHORING, BRACING: THE CONTRACTOR IS RESPONSIBLE FOR THE STRENGTH AND STABILITY OF THE STRUCTURE DURING CONSTRUCTION AND SHALL PROVIDE TEMPORARY SHORING, BRACING, AND OTHER ELEMENTS REQUIRED TO MAINTAIN STABILITY UNTIL THE STRUCTURE IS COMPLETE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO BE FAMILIAR WITH THE WORK REQUIRED IN THE CONSTRUCTION DOCUMENTS AND THE REQUIREMENTS FOR EXECUTING IT PROPERLY.

15. CONSTRUCTION LOADS: LOADS ON THE STRUCTURE DURING CONSTRUCTION SHALL NOT EXCEED THE DESIGN LOADS AS NOTED IN DESIGN CRITERIA AND LOADS SECTION OF THESE GENERAL NOTES OR THE CAPACITY OF PARTIALLY COMPLETED CONSTRUCTION AS DETERMINED BY THE CONTRACTOR'S SSE FOR BRACING/SHORING.

16. CHANGES IN LOADING: THE CONTRACTOR HAS THE RESPONSIBILITY TO NOTIFY THE SER OF ANY ARCHITECTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING LOAD IMPOSED ONTO THE STRUCTURE THAT DIFFERS FROM, OR THAT IS NOT DOCUMENTED ON, THE ORIGINAL CONTRACT DOCUMENTS (ARCHITECTURAL, STRUCTURAL, MECHANICAL, ELECTRICAL, OR PLUMBING DRAWINGS). PROVIDE DOCUMENTATION OF THE LOCATION, LOAD, SIZE, AND ANCHORAGE OF ALL UNDOCUMENTED LOADS IN EXCESS OF 400 LB. PROVIDE MARKED-UP STRUCTURAL PLANS INDICATING THE LOCATIONS OF ANY NEW EQUIPMENT OR LOADS. SUBMIT THESE PLANS TO THE ARCHITECT/ENGINEER FOR REVIEW PRIOR TO INSTALLATION.

17. NOTE PRIORITIES: PLAN AND DETAIL NOTES AND SPECIFIC LOADING DATA PROVIDED ON INDIVIDUAL PLANS AND DETAIL DRAWINGS SUPPLEMENTS INFORMATION IN THESE GENERAL NOTES.

18. DISCREPANCIES: IN CASE OF DISCREPANCIES BETWEEN THE GENERAL NOTES, SPECIFICATIONS, PLANS/DETAILS, OR REFERENCE STANDARDS, THE ARCHITECT/ENGINEER SHALL DETERMINE WHICH SHALL GOVERN. DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK. SHOULD ANY DISCREPANCY BE FOUND IN THE CONTRACT DOCUMENTS, THE CONTRACTOR WILL BE DEEMED TO HAVE INCLUDED IN THE PRICE THE MOST EXPENSIVE WAY OF COMPLETING THE WORK UNLESS PRIOR TO THE SUBMISSION OF THE CONTRACTOR'S PROPOSAL FOR A DECISION FROM THE ARCHITECT AS TO WHICH SHALL GOVERN. ACCORDINGLY, ANY CONFLICT IN OR BETWEEN THE CONTRACT DOCUMENTS SHALL NOT BE A BASIS FOR ADJUSTMENT IN THE CONTRACT PRICE.

19. SITE VERIFICATION: THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS AT THE SITE. CONFLICTS BETWEEN THE DRAWINGS AND ACTUAL SITE CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER BEFORE PROCEEDING WITH THE WORK.

20. ADJACENT UTILITIES: THE CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL ADJACENT UNDERGROUND UTILITIES PRIOR TO EARTHWORK, FOUNDATION WORK, SHORING AND EXCAVATION. ANY UTILITY INFORMATION SHOWN ON THE DRAWINGS AND DETAILS IS APPROXIMATE AND NOT NECESSARILY COMPLETE.

21. ALTERNATES: ALTERNATE PRODUCTS OF SIMILAR STRENGTH, NATURE, AND FORM FOR SPECIFIED ITEMS MAY BE SUBMITTED WITH ADEQUATE TECHNICAL DOCUMENTATION (PROPER TEST REPORT, ETC.) TO THE ARCHITECT/ENGINEER FOR REVIEW. ALTERNATE MATERIALS THAT ARE SUBMITTED WITHOUT ADEQUATE TECHNICAL DOCUMENTATION OR THAT SIGNIFICANTLY DEVIATE FROM THE DESIGN INTENT OF MATERIALS SPECIFIED MAY BE RETURNED WITHOUT REVIEW. ALTERNATES THAT REQUIRE SUBSTANTIAL EFFORT TO REVIEW WILL NOT BE REVIEWED UNLESS AUTHORIZED BY THE OWNER.

23. ADDITIONS/ALTERATIONS/REPAIRS:

23.1. ADDITIONS, ALTERATIONS, AND/OR REPAIRS TO THE EXISTING STRUCTURE HAVE BEEN ANALYZED FOR ADDITIONAL LOADING AND/OR MODIFICATION DUE TO THE ADDITION, ALTERATION, OR REPAIR.

23.2. ALL AFFECTED EXISTING MEMBERS HAVE BEEN ANALYZED OR REINFORCED AS REQUIRED PER THE IBC.

23.3. ALL DEMOLITION OR REMOVAL OF ARCHITECTURAL, MECHANICAL, OR STRUCTURAL ELEMENTS SHALL NOT DAMAGE STRUCTURAL ITEMS TO REMAIN.

1. OCCUPANCY:		
RISK CATEGORY OF BUILDING PER FBC TABLE 1604.5		II
2. WIND DESIGN: MAIN WIND FORCE RESISTING SYSTEM:		
ULTIMATE DESIGN WIND SPEED, V_{ULT}		158 MPH
EXPOSURE CATEGORY		B
INTERNAL PRESSURE COEFFICIENT, C_{pi}		± 0.18
TOPOGRAPHIC FACTOR, K_{zt}		1.0
WIND ANALYSIS PROCEDURE USED		DIRECTIONAL
3. SEISMIC DESIGN:		
SEISMIC DESIGN CATEGORY, SDC		A
SITE CLASS PER FBC SECTION 1613.3.2 AND ASCE 7 CHAPTER 20		D
SEISMIC IMPORTANCE FACTOR PER ASCE 7 TABLE 1.5-2, I_p		1.0
SPECTRAL RESPONSE ACCELERATION (SHORT PERIOD), S_s		0.046 g
SPECTRAL RESPONSE ACCELERATION (1-SECOND PERIOD), S_1		0.023 g
DESIGN RESPONSE ACCELERATION (SHORT PERIOD), S_{DS}		0.049 g
DESIGN RESPONSE ACCELERATION (SHORT PERIOD), S_{D1}		0.037 g
COMPONENT RESPONSE MODIFICATION FACTOR PER ASCE 7 TABLE 13.5-1, R		2.5
COMPONENT AMPLIFICATION FACTOR PER ASCE 7 TABLE 13.5-1, I_p		1.5
TABLE 13.6-1, a_p		
4. DESIGN LIVE LOADS: SEE STRUCTURAL LOADING PLANS FOR AREA LOADS AND LINE LOADS. LOADS LISTED BELOW ARE FOR MISCELLANEOUS ITEMS.		
AREA		<u>LIVE LOADS</u>
INTERIOR WALLS AND PARTITIONS		5 (APPLIED HORIZONTALLY)
4.1. UNLESS NOTED OTHERWISE, POINT LOADS ARE TO BE DISTRIBUTED OVER A 2'-1/2" x2'-1/2" AREA AND LOCATED TO PRODUCE MAXIMUM LOAD EFFECTS ON STRUCTURAL MEMBERS.		

1. **SUBMIT FOR REVIEW:** SUBMITTALS OF SHOP DRAWINGS, AND PRODUCT DATA ARE REQUIRED FOR ITEMS NOTED IN THE INDIVIDUAL MATERIALS SECTIONS OF THESE GENERAL NOTES AND FOR BIDDER-DESIGNED ELEMENTS.
2. **SUBMITTAL REVIEW PERIOD:** SUBMITTALS SHALL BE MADE IN TIME TO PROVIDE A MINIMUM OF TWO WEEKS OR TEN WORKING DAYS FOR REVIEW BY THE ARCHITECT/ENGINEER PRIOR TO THE ONSET OF FABRICATION.
3. **GENERAL CONTRACTOR'S PRIOR REVIEW:** PRIOR TO SUBMISSION TO THE ARCHITECT/ENGINEER, THE CONTRACTOR SHALL REVIEW THE SUBMITTAL FOR COMPLETENESS. DIMENSIONS AND QUANTITIES ARE NOT REVIEWED BY THE SER. THEREFORE, THEY MUST BE VERIFIED BY THE GENERAL CONTRACTOR. THE CONTRACTOR SHALL PROVIDE ANY NECESSARY DIMENSIONAL DETAILS REQUESTED BY THE DETAILER AND PROVIDE THE CONTRACTOR'S REVIEW STAMP AND SIGNATURE BEFORE FORWARDING TO THE ARCHITECT/ENGINEER.
4. **SHOP DRAWING REVIEW:** ONCE THE CONTRACTOR HAS COMPLETED THEIR REVIEW, THE SER WILL REVIEW THE SUBMITTAL FOR GENERAL CONFORMANCE WITH THE DESIGN CONCEPT AND THE CONTRACT DOCUMENTS OF THE BUILDING AND WILL STAMP THE SUBMITTAL ACCORDINGLY. MARKINGS OR COMMENTS SHALL NOT BE CONSTRUED AS RELIEVING THE CONTRACTOR FROM COMPLIANCE WITH THE PROJECT PLANS AND SPECIFICATIONS, NOR DEPARTURES THERE FROM. THE SER WILL RETURN SUBMITTALS IN THE FORM IN WHICH THEY ARE SUBMITTED (EITHER HARD COPY OR ELECTRONIC). FOR HARD COPY SUBMITTALS, THE CONTRACTOR IS RESPONSIBLE FOR SUBMITTING THE REQUIRED NUMBER OF COPIES TO THE SER FOR REVIEW.
5. **SHOP DRAWING DEVIATIONS:** WHEN SHOP DRAWINGS (COMPONENT DESIGN DRAWINGS) DIFFER FROM OR ADD TO THE REQUIREMENTS OF THE STRUCTURAL DRAWINGS, THEY SHALL BE DESIGNED AND STAMPED BY THE RESPONSIBLE SSE.

1. BIDDER-DESIGNED ELEMENTS: SUBMIT "BIDDER-DESIGNED" DEFERRED SUBMITTALS TO THE ARCHITECT AND SER FOR REVIEW. THE DEFERRED SUBMITTALS SHALL ALSO BE SUBMITTED TO THE CITY FOR APPROVAL IF REQUIRED BY THE CITY. DESIGN OF PREFABRICATED, "BIDDER-DESIGNED," MANUFACTURED, PRE-ENGINEERED, OR OTHER FABRICATED PRODUCTS SHALL COMPLY WITH THE FOLLOWING REQUIREMENTS:

- 1.1. DESIGN CONSIDERS TRIBUTARY DEAD, LIVE, WIND, AND EARTHQUAKE LOADS IN COMBINATIONS REQUIRED BY THE IBC.
- 1.2. DESIGN WITHIN THE DEFLECTION LIMITS NOTED IN THESE GENERAL NOTES AND AS SPECIFIED OR REFERENCED IN THE IBC.
- 1.3. DESIGN SHALL CONFORM TO THE SPECIFICATIONS AND REFERENCE STANDARDS OF THE GOVERNING CODE.
- 1.4. SUBMITTAL SHALL INCLUDE:
 - 1.4.1. CALCULATIONS PREPARED, STAMPED, AND SIGNED BY THE SSE DEMONSTRATING CODE CONFORMANCE.
 - 1.4.2. ENGINEERED COMPONENT DESIGN DRAWINGS ARE PREPARED, STAMPED, AND SIGNED BY THE SSE
 - 1.4.3. PRODUCT DATA, TECHNICAL INFORMATION AND MANUFACTURER'S WRITTEN REQUIREMENTS, AND AGENCY APPROVALS AS APPLICABLE.
 - 1.4.4. THE SSE MAY SUBMIT TO THE ARCHITECT/ENGINEER A REQUEST TO UTILIZE RELEVANT ALTERNATE DESIGN CRITERIA OF SIMILAR NATURE AND GENERAL EQUIVALENCE WHICH IS RECOGNIZED BY THE CODE AND ACCEPTABLE TO THE AHJ. SUBMIT ADEQUATE DOCUMENTATION OF DESIGN.

2. GENERAL CONTRACTOR'S PRIOR REVIEW:

- 2.1. ONCE THE CONTRACTOR HAS COMPLETED THEIR REVIEW OF THE SSE COMPONENT DRAWINGS, THE SER WILL REVIEW THE SUBMITTAL AND/OR GENERAL CONFORMANCE WITH THE DESIGN OF THE BUILDING AND WILL STAMP THE SUBMITTAL ACCORDINGLY.
- 2.2. REVIEW OF THE SSE'S SHOP DRAWINGS (COMPONENT DESIGN DRAWINGS) IS FOR COMPLIANCE WITH DESIGN CRITERIA AND COMPATIBILITY WITH THE DESIGN OF THE PRIMARY STRUCTURE AND DOES NOT RELIEVE THE SSE OF RESPONSIBILITY FOR THAT DESIGN.
- 2.3. ALL NECESSARY BRACING, TIES, ANCHORAGE, AND PROPRIETARY PRODUCTS SHALL BE FURNISHED AND INSTALLED PER MANUFACTURER'S INSTRUCTIONS OR THE SSE'S DESIGN DRAWINGS AND CALCULATIONS.
- 2.4. BIDDER-DESIGNED ELEMENTS INCLUDE BUT ARE NOT LIMITED TO:
 - 2.4.1. HANDRAILS, GUARDRAILS, AND BALCONY RAIL ANCHORAGES
 - 2.4.2. EXTERIOR CLADDING SYSTEMS: CURTAIN WALL SYSTEMS, PRE-ENGINEERED PANELS
 - 2.4.3. ROOF MOUNTED COMPONENTS: SKYLIGHTS, HATCHES
 - 2.4.4. MECHANICAL, ELECTRICAL, PLUMBING, AND SPRINKLER HANGER PLANS
 - 2.4.5. COLD-FORMED METAL STUDS - EXTERIOR WALL ASSEMBLIES
 - 2.4.6. COLD-FORMED METAL STUDS - FRAMING INTERIOR WALLS INCLUDING PARTIAL HEIGHT
 - 2.4.7. COLD-FORMED METAL STUDS AND JOISTS FRAMING OVERHEAD SOFFITS
 - 2.4.8. COLD-FORM STEEL HOLD-DOWN SYSTEMS
 - 2.4.9. FAÇADE ACCESS EQUIPMENT / LIFELINE SUPPORTS

1. **INSPECTIONS:** FOUNDATIONS, FOOTINGS, AND UNDER SLAB SYSTEMS AND FRAMING ARE SUBJECT TO INSPECTION BY THE BUILDING OFFICIAL IN ACCORDANCE WITH FBC SECTION 110.3. THE CONTRACTOR SHALL COORDINATE ALL REQUIRED INSPECTIONS WITH THE BUILDING OFFICIAL.

3. **CONTRACTOR RESPONSIBILITY:** PRIOR TO ISSUANCE OF THE BUILDING PERMIT, THE CONTRACTOR IS REQUIRED TO PROVIDE THE AHJ A SIGNED, WRITTEN ACKNOWLEDGEMENT OF THE CONTRACTOR'S RESPONSIBILITIES ASSOCIATED WITH THE PERMIT. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND ADDRESSING THE REQUIREMENTS LISTED IN THE TBC SECTION 1704.4. THE CONTRACTOR IS REFERRED TO TBC SECTIONS 1704.1, 1704.2, 1704.3 & 1704.4 FOR ARCHITECTURAL AND MEP BUILDING SYSTEMS THAT MAY BE SUBJECT TO ADDITIONAL INSPECTIONS (BASED ON THE BUILDING'S DESIGNATED SEISMIC DESIGN CATEGORY LISTED IN THE DESIGN CRITERIA AND LOADS SECTION OF THESE GENERAL NOTES), INCLUDING ANCHORAGE OF HVAC DUCTWORK CONTAINING HAZARDOUS MATERIALS, PLUMBING AND CHILLER/BOILER SYSTEMS, AND MECHANICAL ELECTRICAL OR HIGHLY TOXIC MATERIALS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING AND ADDRESSING THE REQUIREMENTS LISTED IN THE TBC SECTION 1704.4 FOR ELECTRICAL EQUIPMENT FOR EMERGENCY OR STANDBY POWER, EXTERIOR WALL PANELS, AND SUSPENDED CEILING SYSTEMS.

REFERENCE STANDARDS: CONFORM TO:

- 1.1. FBC CHAPTER 19 "CONCRETE"
- 1.2. ACI 318 "BUILDING CODE REQUIREMENTS FOR STRUCTURAL CONCRETE"
- 1.3. FBC CHAPTER 21 "MASONRY"
- 1.4. TMS 402 "BUILDING CODE REQUIREMENTS FOR MASONRY STRUCTURES"

2. POST-INSTALLED ANCHORS: INSTALL ONLY WHERE SPECIFICALLY SHOWN IN THE DETAILS OR ALLOWED BY THE SER. ALL POST-INSTALLED ANCHOR TYPES AND LOCATIONS SHALL BE APPROVED BY THE SER AND SHALL HAVE A CURRENT ICC-ESR THAT PROVIDES RELEVANT DESIGN VALUES NECESSARY TO VALIDATE THE AVAILABLE STRENGTH EXCEEDS THE REQUIRED STRENGTH. SUBMIT CURRENT MANUFACTURER'S DATA AND ICC-ESR TO THE SER FOR APPROVAL. THE PROCESS OF THE SER IS NOT IT IS A PRE-APPROVED ANCHOR. ANCHORS SHALL BE INSTALLED IN STRICT ACCORDANCE WITH ICC-ESR AND THE MANUFACTURER'S PRINTED INSTALLATION INSTRUCTIONS (MPII) IN CONJUNCTION WITH EDGE DISTANCE, SPACING, AND EMBEDMENT DEPTH AS INDICATED ON THE DRAWINGS. THE CONTRACTOR SHALL ARRANGE FOR A MANUFACTURER'S FIELD REPRESENTATIVE TO PROVIDE INSTALLATION TRAINING FOR ALL PRODUCTS TO BE USED PRIOR TO THE COMMENCEMENT OF WORK. ONLY TRAINED INSTALLERS SHALL PERFORM POST-INSTALLED ANCHOR INSTALLATION. A RECORD OF TRAINING SHALL BE KEPT ON SITE AND BE MADE AVAILABLE TO THE SER AS REQUESTED. ADHESIVE ANCHORS INSTALLED IN HORIZONTALLY OR UPWARDLY INCLINED ORIENTATIONS SHALL BE PERFORMED BY A CERTIFIED ADHESIVE ANCHOR INSTALLER (AA) AS CERTIFIED THROUGH ACICRSI OR AN APPROVED EQUIVALENT. PROOF OF CURRENT CERTIFICATION SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. THE CONTRACTOR SHALL COMMENCEMENT OF INSTALLATION. NO REINFORCING BARS SHALL BE DAMAGED DURING INSTALLATION OF POST-INSTALLED ANCHORS. SPECIAL INSPECTION SHALL BE PER THE TESTS, AND INSPECTIONS SECTION OF THESE GENERAL NOTES. ANCHOR TYPE, DIAMETER, AND EMBEDMENT SHALL BE AS INDICATED ON DRAWINGS.

2.1. ADHESIVE ANCHORS: THE FOLLOWING ADHESIVE-TYPE ANCHORING SYSTEMS HAVE BEEN USED IN THE DESIGN AND SHALL BE USED FOR ANCHORAGE TO CONCRETE OR MASONRY AS APPLICABLE AND IN ACCORDANCE WITH THE CORRESPONDING CURRENT ICC-ESR REPORT. REFERENCE THE CORRESPONDING ICC-ESR FOR REQUIRED MINIMUM AGE OF CONCRETE, CONCRETE TEMPERATURE RANGE, MOISTURE CONDITION, LIGHT WEIGHT CONCRETE, AND HOLE DRILLING AND PREPARATION REQUIREMENTS. DRILLED-IN ANCHOR EMBEDMENT LENGTHS SHALL BE AS SHOWN ON DRAWINGS OR NOT LESS THAN SEVEN TIMES THE ANCHOR NOMINAL DIAMETER (7D). ADHESIVE ANCHORS ARE TO BE INSTALLED IN CONCRETE AGED A MINIMUM OF 21 DAYS UNLESS OTHERWISE SPECIFIED IN THE ICC-ESR.

- H1T1 "HIT-HY 200-R V3" - ICC-ESR 4868 FOR ANCHORAGE TO CONCRETE
- H1T1 "HIT-RE 500 V3" - ICC-ESR 3814 FOR ANCHORAGE TO CONCRETE

2.2. EXPANSION ANCHORS: THE FOLLOWING EXPANSION TYPE ANCHORS ARE PRE-APPROVED FOR ANCHORAGE TO CONCRETE OR MASONRY IN ACCORDANCE WITH CORRESPONDING CURRENT ICC-ESR:

- H1T1 "KB T2Z" - ICC-ESR 4268 FOR ANCHORAGE TO CONCRETE, ICC-ESR 4561 FOR ANCHORAGE TO MASONRY

2.3. SCREW ANCHORS: THE FOLLOWING SCREW TYPE ANCHOR IS PRE-APPROVED FOR ANCHORAGE TO CONCRETE OR MASONRY IN ACCORDANCE WITH CORRESPONDING CURRENT ICC-ESR:

- H1T1 "KH-EZ" - ICC-ESR 3027 FOR ANCHORAGE TO CONCRETE

REFERENCE STANDARDS: CONFORM TO:

- 1.1. FBC CHAPTER 22 "STEEL"
- 1.2. ANSI/AISC 303 "CODE OF STANDARD PRACTICE FOR STEEL BUILDINGS AND BRIDGES"
- 1.3. AISC "MANUAL OF STEEL CONSTRUCTION"
- 1.4. ANSI/AISC 360 "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS"
- 1.5. AWS D1.1 "STRUCTURAL WELDING CODE - STEEL"
- 1.6. RCSC "SPECIFICATION FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS"

2. SPECIAL PROVISIONS FOR ELEMENTS OF THE SEISMIC FORCE RESISTING SYSTEM (SFRS): SELECTED STEEL ELEMENTS OF THIS PROJECT ARE PART OF THE "SEISMIC FORCE RESISTING SYSTEM" (SFRS) AND THUS ARE SUBJECT TO SPECIAL REQUIREMENTS DETAILED IN THE AISC SEISMIC PROVISIONS. ELEMENTS OF THE SFRS ARE DESIGNATED ON PLAN, REFER TO THE DRAWING LEGEND FOR SYMBOLS USED TO DESIGNATE ELEMENTS ON THE PLANS AND STRUCTURAL STEEL SEISMIC PROVISIONS SECTION OF THESE GENERAL NOTES FOR SUPPLEMENTAL REQUIREMENTS.

3. SUBMITTALS: SUBMIT THE FOLLOWING DOCUMENTS TO THE SER FOR REVIEW:

- 3.1. SHOP DRAWINGS COMPLYING WITH AISC 360 SECTIONS M1 AND N3 AND AISC 303 SECTION 4.
- 3.2. ERECTION DRAWINGS COMPLYING AISC 360 SECTIONS M1 AND N3 AND AISC 303 SECTION 4.

4. COPIES: MAKE COPIES OF THE FOLLOWING DOCUMENTS AVAILABLE UPON REQUEST TO THE SER OR OWNER 'S INSPECTION AGENCY IN ELECTRONIC OR PRINTED FORM PRIOR TO FABRICATION PER AISC 360 SECTION N3.2 REQUIREMENTS:

- 4.1. FABRICATOR'S WRITTEN QUALITY CONTROL MANUAL THAT INCLUDES, AS A MINIMUM:
 - 4.1.1. MATERIAL CONTROL PROCEDURES
 - 4.1.2. INSPECTION PROCEDURES
 - 4.1.3. NON-CONFORMANCE PROCEDURES
- 4.2. STEEL AND ANCHOR ROD SUPPLIERS' MATERIAL TEST REPORTS (MTRS) INDICATING COMPLIANCE WITH SPECIFICATIONS.
- 4.3. FASTENER MANUFACTURER'S CERTIFICATION DOCUMENTING CONFORMANCE WITH THE SPECIFICATION.
- 4.4. FILLER METAL MANUFACTURER'S PRODUCT DATA FOR SMAW, FCAW, AND GMAW INDICATING:
 - 4.4.1. PRODUCT SPECIFICATION COMPLIANCE
 - 4.4.2. RECOMMENDED WELDING PARAMETERS
 - 4.4.3. RECOMMENDED STORAGE AND EXPOSURE REQUIREMENTS INCLUDING BAKING
 - 4.4.4. LIMITATIONS OF USE
- 4.5. WELDED HEADED (SHEAR) STUD ANCHORS MANUFACTURER 'S CERTIFICATION INDICATING THEY MEET SPECIFICATIONS.
- 4.6. WPS'S FOR SHOP AND FIELD WELDING.
- 4.7. MANUFACTURER'S CERTIFICATES OF CONFORMANCE FOR ELECTRODES, FLUXES, AND GASES (WELDING CONSUMABLES).
- 4.8. PROCEDURE QUALIFICATION RECORDS (PQRs) FOR WPS'S THAT ARE NOT PREQUALIFIED IN ACCORDANCE WITH AWS.
- 4.9. WELDING PERSONNEL PERFORMANCE QUALIFICATION RECORDS (WPQRS) AND CONTINUITY RECORDS CONFORMING TO AWS STANDARDS

5. MATERIALS: STRUCTURAL STEEL MATERIALS SHALL CONFORM TO MATERIALS AND REQUIREMENTS LISTED IN AISC 360 SECTION A3 INCLUDING, BUT NOT LIMITED TO:

SHAPE	TYPE
WIDE FLANGE (W) AND TEE (WT) SHAPES	ASTM A992, $F_y = 50$ KSI
(S), (M), AND (HP) SHAPES	ASTM A36, $F_y = 36$ KSI
CHANNEL (C) AND ANGLE (L) SHAPES	ASTM A36, $F_y = 36$ KSI

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The Contractor shall not use these drawings without the approval of the Engineer having jurisdiction and DCI Engineers.

ASTM A36, $F_y = 36$ KSI
ASTM A572, $F_y = 50$ KSI
ASTM A500, GRADE C, $F_y = 50$ KSI
ASTM A583, GRADE B, $F_y = 35$ KSI
ASTM F3125 GRADE A325/F1852, TYPE 1 OR 3,
PLAIN
ASTM A563, GRADE AND FINISH PER RCSC
TABLE 2.1
ASTM F436, GRADE AND FINISH PER RCSC
TABLE 2.1
ASTM F1554, GRADE 36
ASTM A496 - NELSON/TRW D2L, $F_y = 70$ KSI

- 6.1. ASTM F3125 GRADE A325-N | GRADE A490-N BOLTS - "THREADS NOT EXCLUDED IN THE SHEAR PLANE."
- 6.2. HIGH-STRENGTH BOLTED JOINTS HAVE BEEN DESIGNED AS "BEARING" CONNECTIONS.
- 6.3. PROVIDE ASTM BOLT GRADE AND TYPE AS SPECIFIED IN THE MATERIALS SECTION FOR THESE GENERAL NOTES.
- 6.4. PROVIDE WASHERS OVER OUTER PLY OF SLOTTED HOLES AND OVERSIZE HOLES PER RCSC TABLE 6.1.
- 6.5. PROVIDE NUT AND WASHER GRADES, TYPES, AND FINISHES CONFORMING TO RCSC TABLE 2.1.
- 6.6. PROVIDE FASTENER ASSEMBLIES FROM A SINGLE SUPPLIER.
- 6.7. JOINT TYPES SHALL BE:
 - 6.7.1. ST - "SNUG TIGHT," FOR TYPICAL BEAM END "SHEAR" CONNECTIONS UNLESS NOTED OTHERWISE.
 - 6.7.2. SC - "SLIP CRITICAL," WHERE SPECIFICALLY INDICATED. PROVIDE WITH CLASS A | B PAYING SURFACE.
- 6.8. INSTALL BOLTS IN JOINTS IN ACCORDANCE WITH RCSC SECTION 8 AND TABLE 4.1.
- 6.9. INSPECTION IS PER RCSC SECTION 9.

8. FABRICATION:

- 9. WELDING:**
- 9.1. WELDING SHALL CONFORM TO AWS D1.1 WITH PREQUALIFIED WELDING PROCESSES EXCEPT AS MODIFIED BY AISC 360 SECTION J2. WELDERS SHALL BE QUALIFIED IN ACCORDANCE WITH AWS D1.1 REQUIREMENTS.
- 9.2. USE 70 KSI STRENGTH, LOW-HYDROGEN TYPE ELECTRODES (E7018) OR E71T AS APPROPRIATE FOR THE PROCESS SELECTED.
- 9.3. WELDING OF HIGH-STRENGTH ANCHOR RODS IS PROHIBITED UNLESS APPROVED BY ENGINEER.
- 9.4. WELDING OF HEADED STUD ANCHORS SHALL BE IN ACCORDANCE WITH AWS D1.1 CHAPTER 7.

11. PROTECTIVE COATING REQUIREMENTS:

- 11.3. EXTERIOR STEEL: EXPOSED EXTERIOR STEEL SHALL BE PROTECTED BY EITHER:
- 11.3.1. PAINT WITH AN EXTERIOR MULTI-COAT SYSTEM AS PER THE PROJECT SPECIFICATIONS. FIELD TOUCH-UP PAINTING SHALL BE AS PER THE PROJECT SPECIFICATIONS.
- 11.3.2. GALVANIZING: UNLESS PROTECTED WITH A PAINT SYSTEM, EXPOSED STEEL (OUTSIDE THE BUILDING ENVELOPE) SHALL BE HOT-DIPPED GALVANIZED WHERE NOTED ON THE PLANS OR OTHERWISE INDICATED BY THE FINISHES SPECIFIED BY THE ARCHITECT. APPLY FIELD TOUCH-UPS PER PROJECT SPECIFICATIONS.

1. **REFERENCE STANDARDS:** CONFORM TO:

- ## 2. SUBMITTALS:

- 3.1. STRUCTURAL SECTIONS: 54, 68 AND 97-MIL; ASTM A653, SS GRADE 50 OR ASTM A1003 GRADE 50, MIN F_y = 50 KSI, 33 AND 43-MIL; ASTM A653, SS GRADE 33 OR ASTM A1003 GRADE 33, MIN F_y = 33 KSI
- 3.2. SHEET METAL SCREWS: GRABBER OR BULDEX TEK-SELF-DRILLING, #10 SCREWS UNLESS NOTED OTHERWISE ON PLAN; ASTM C1513 OR SER APPROVED ALTERNATE
- 3.3. FASTENERS TO STEEL: HILTI X-U 0.157" DIAMETER POWER ACTUATED FASTENERS - ICC-ESR 2269
- 3.4. FASTENERS TO CONCRETE: HILTI X-U 0.157" DIAMETER POWER ACTUATED FASTENERS WITH 3/4" EMBEDMENT - ICC-ESR 2269
- 3.5. WELD MATERIAL: E60XX ELECTRODES CONFORMING TO AWS D1.3

- JOISTS:** PROVIDE C-SHAPED JOISTS WITH STIFFENED FLANGES (S-SECTIONS IN SSMA). SPANS ARE ASSUMED TO BE CONTINUOUSLY SHEATHED AT THE TOP FLANGE. A MINIMUM 3-1/2" BEARING SHALL BE PROVIDED AT EACH END OF EACH JOIST. ADD WEB STIFFENERS IF BEARING IS LESS THAN 3-1/2", BUT NO LESS THAN 1-1/2". ALL JOISTS MUST BE PREPUNCHED WITH 1/2" DIA. HOLES. JOIST BRACING SHALL BE PROVIDED AT A MAXIMUM 8' OC. JOISTS WITH PRE-PUNCHED WEB HOLES SHALL BE SUBMITTED TO THE SER FOR REVIEW AND APPROVAL. ALL PRE-PUNCHED WEB HOLES SHALL BE A MINIMUM OF 10" FROM BEARING ENDS AND A MINIMUM OF 48" OC. IF A PUNCH-OUT FALLS WITHIN 10" OF A BEARING POINT, REINFORCEMENT IS REQUIRED.

7. **MEMBER CONDITION:** ALL STRUCTURAL COLD-FORMED FRAMING MEMBERS MUST BE IN GOOD CONDITION. DAMAGED MEMBERS, MEMBERS WITH CRACKING IN THE STEEL AT THE BEND RADIUS LOCATIONS, AND MEMBERS WITH SIGNIFICANT RED RUSTING OR SCALING OF THE PROTECTIVE COATING ARE UNACCEPTABLE AND MUST BE REPLACED UNLESS APPROVED BY THE SER. HANDLING AND LIFTING OF PREFABRICATED PANELS SHALL NOT CAUSE PERMANENT DISTORTION TO ANY MEMBER OR COLLATERAL MATERIAL. MEMBERS NOT MEETING TOLERANCES LISTED BELOW SHALL BE REPLACED PRIOR TO LOADING.

9. **FIELD CUTS AND NOTCHES:** FIELD CUTS AND NOTCHES OF ANY KIND (INCLUDING WIDENING PRE-PUNCHED HOLES) ARE NOT ALLOWED IN ANY STRUCTURAL COLD-FORMED STEEL MEMBER WITHOUT PRIOR APPROVAL FROM THE SER.

- 11. TEMPORARY BRACING:** REFERENCE TEMPORARY SHORING AND BRACING SECTION OF THESE GENERAL NOTES.

FOR PERMIT
The Contractor shall not use these drawings for construction until Contractor receives written approval for use in construction by the authority having jurisdiction and DCI Engineers.

Delta	Issue	Description	Date
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EXPIRES: 2/28/2027

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DRAWING LEGEND			
MARK	DESCRIPTION	MARK	DESCRIPTION
F2.0	FOOTING SYMBOL (REFER TO SPREAD FOOTING SCHEDULE)	I	INDICATES WIDE FLANGE COLUMN
	PILE CAP SYMBOL (REFER TO PILE CAP SCHEDULE)		INDICATES HOLLOW STRUCTURAL SECTION (HSS) COLUMN OR TUBE STEEL (TS) COLUMN
	TILT-UP/PRECAST CONCRETE WALL CONNECTION SYMBOL (REFER TO CONNECTION DETAIL)		INDICATES HOLLOW STRUCTURAL SECTION (HSS) COLUMN OR STEEL PIPE COLUMN
2W4	SHEAR WALL SYMBOL (REFER TO SHEAR WALL SCHEDULE)		INDICATES WOOD POST
	REVISION TRIANGLE		INDICATES BUNDLED STUDS
	TILT-UP/PRECAST CONCRETE WALL PANEL NUMBER (REFER TO TILT-UP/PRECAST CONCRETE WALL ELEVATIONS)		INDICATES CONCRETE COLUMN
	CMU WALL REINFORCING SYMBOL (REFER TO CMU WALL REINFORCING SCHEDULE)		INDICATES PRECAST CONCRETE COLUMN
	CONTINUITY PLATE LENGTH (REFER TO TYPICAL DETAIL)		INDICATES MOMENT FRAME CONNECTION
	INDICATES DOUBLE SHEAR CONNECTION (REFER TO THE DOUBLE SHEAR PLATE CONNECTIONS DETAIL)		INDICATES PARTIALLY RESTRAINED MOMENT FRAME CONNECTION
	INDICATES REINFORCING TYPE (REFER TO THE REINFORCING SCHEDULE)		INDICATES CANTILEVER CONNECTION
	INDICATES NUMBER OF STUD RAIL REQUIRED AT COLUMN (REFER TO STUD RAIL DETAILS)		INDICATES DRAG CONNECTION
	ROOF/FLOOR DIAPHRAGM NAILING SYMBOL (REFER TO DIAPHRAGM NAILING SCHEDULE)		INDICATES A LEDGER
	STEEL/CONCRETE COLUMN SYMBOL (REFER TO STEEL COLUMN SCHEDULE)		INDICATES WOOD OR STEEL STUD BEARING WALL LINE PER KEY ON SHEET
COLUMN SIZE	ELEVATION SYMBOL (T/ REFERS TO COMPONENT THAT THE ELEVATION REFERENCES)		INDICATES WOOD OR STEEL STUD SHEAR WALL LINE AND HOLD-DOWNS PER KEY ON SHEET
T/FTG = X'-X"	STUD BUBBLE (INDICATES NUMBER OF STUDS REQUIRED IF EXCEEDS NUMBER SPECIFIED IN PLAN NOTE)		INDICATES MASONRY/CMU WALL
	INDICATES STEP IN FOOTING (REFER TO TYPICAL STEP IN FOOTING DETAIL)		INDICATES CONCRETE/TILT-UP CONCRETE WALL
	DETAILS OR SECTION CUT (DETAIL NUMBER/SHEET NUMBER)		INDICATES BEARING WALL BELOW
	DETAILS OR SECTION CUT IN PLAN VIEW (DETAIL NUMBER/SHEET NUMBER)		INDICATES EXISTING WALL
	INDICATES LOCATION OF CONCRETE WALLS, SHEAR WALLS OR BRACED FRAME ELEVATIONS		POST-TENSION DEAD END (PLAN)
	STRUCTURAL EXTENT SYMBOL SINGLE ARROW - END OF EXTENT DOUBLE ARROW - CONTINUOUS EXTENT ALONG THE ELEMENT LINE UNTIL THE ELEMENT IS INTERRUPTED		POST-TENSION STRESSING END (PLAN)
	INDICATES DIRECTION OF DECK SPAN		POST-TENSION PROFILE (PLAN) (IN INCHES)
	INDICATES DIRECTION OF DECK SPAN		INTERMEDIATE STRESSING (PLAN)

ABBREVIATIONS					
L	Angle	EXCAV	Excavation	PLF	Pounds Per Linear Foot
AB	Anchor Bolt	FB	Factory-Built	PLWD	Plywood
ADDL	Additional	FD	Floor Drain	PREFAB	Prefabricated
ADH	Adhesive	FDN	Foundation	PSF	Pounds per Square Foot
ALT	Alternate	FIN	Finish	PSI	Pounds Per Square Inch
ARCH	Architectural	FLR	Floor	PSL	Parallel Strand Lumber
B or BOT	Bottom	FRP	Fiberglass Reinforced Plastic	P-T	Post-Tensioned
B/	Bottom Of	FRT	Fire Retardant Treated	PT	Pressure Treated
BLDG	Building	FTG	Footing	R	Radius
BLKG	Blocking	F	Face of	RD	Round Drain
BMU	Brick Masonry Unit	GA	Gage	REF	Refer/Reference
BP	Brace	GALV	Galvanized	REFIN	Reinforcing
BRBF	Buckling Restrained	GEOTECH	Geotechnical	REOD	Required
	Braced Frame	GL	Glue Laminated Timber	RET	Retaining
BRG	Bearing	GWB	Gypsum Wall Board	SB	Site-Built
BTWN	Between	HDR	Header	SCBF	Special Concentric
C	Camber	HF	Hem-Header		Braced Frame
CB	Castellated Beam	HG	Hanger	SCHED	Schedule
C-BORE	Counterbore	HLD	Hold-down	SER	Structural Engineer of
CL or C	Centerline	HORIZ	Horizontal		Record
CLT	Cross-Laminated Timber	HP	High Point	SFRS	Seismic Force-
CIP	Cast in Place	HSS = TS	(Hollow Structural Section)		Resisting System
CJS	Cold Formed Steel	IBC	International Building Code	SHTG	Sheathing
CF	Construction or	ID	Inside Diameter	SIM	Similar
	Construction Joint	IE	Invert Elevation	SLBB	Short Leg Back-to-Back
CJP	Complete Joint	IF	Inside Face	SMF	Special Moment Frame
	Penetration	INT	Interior	SOG	Slab on Grade
CLR	Clear	k	Kips	SP	Southern Pine
CLG	Ceiling	KSF	Kips Per Square Foot	SPEC	Specification
CMU	Concrete Masonry Unit	LF	Linear Foot	SQ	Square
COL	Column	LL	Live Load	SR	Strudal
CONC	Concrete	LLB	Long Leg Back-to-Back	SF	Square Foot
CONN	Connection	LLH	Long Leg Horizontal	SST	Stainless Steel
CONST	Construction	LLV	Long Leg Vertical	STAGG	Stagger/Staggered
CONT	Continuous	LP	Low Point	STD	Standard
C-SINK	Countersink	LONGIT	Longitudinal	STIFF	Stiffener
CTR	Centered	LSL	Laminated Strand Lumber	STL	Steel
DIA	Diameter	LVL	Laminated Veneer Lumber	STRUCT	Structural
DB	Double	MAS	Masonry	SWWJ	Solid Wood Wood Joist
DBA	Deformed Bar Anchor	MAX	Maximum	SYM	Symmetrical
DBL	Double	MECH	Mechanical	T	Top
DEMO	Demolish	MEP	Mechanical, Electrical, Plumbing	T/	Top Of
DEV	Development			TC AX LD	Top Chord Axial Load
DF	Douglas Fir	MEZZ	Mezzanine	TCX	Top Chord Extension
DIG	Diagonal	MFR	Manufacturer	TDS	Tie Down System
DIST	Disturbed	MIN	Minimum	T&G	Tongue & Groove
DL	Dead Load	MISC	Miscellaneous	THKND	Thickened
DO	Down	NIC	Not In Contract	THRD	Threaded
DO	Ditto	NLT	Nail-Laminated Timber	THR	Through
DP	Depth/Deep	NTS	Not To Scale	TRANSV	Transverse
DWG	Drawing	ON	On Center	TRP	Typical
(IE)	Existing	OCBF	Ordinary Concrete Bracket	UNO	Unless Noted Otherwise
EA	Each			URM	Unreinforced Masonry
EF	Each Face	OD	Outside Diameter		Unit
EL	Elevation	OF	Outside Face		
ELEC	Electrical	OPNG	Opening	VERT	Vertical
ELEV	Elevator	OPP	Opposite	W	Wide
EMBED	Embedment	OWSJ	Open Web Steel Joist	W/	With
EQ	Equal	OWWJ	Open Web Wood Joist	WO	Without
EQUIP	Equipment	P	Plate	WW	Welded Headed Stud
EW	Each Way	PAF	Powder Actuated Fastener	WP	Working Point
EXP	Expansion	PC	Precast	WWF	Welded Wire Fabric
EXPJT	Expansion Joint	P	Perpendicular	±	Plus or Minus
EXT	Exterior	PJP	Partial Joint Penetration		

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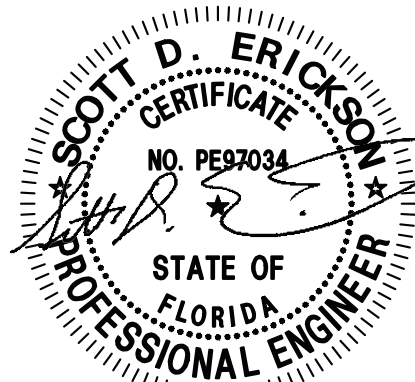
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LEGEND AND ABBREVIATIONS

Title
S-103
Sheet

50.00.00 SPECIAL INSPECTIONS

1. THE FOLLOWING STATEMENT AND SCHEDULES OF INSPECTIONS ARE THOSE SPECIAL INSPECTIONS AND TESTS THAT SHALL BE PERFORMED FOR THIS PROJECT. SPECIAL INSPECTORS SHALL REFERENCE THESE PLANS AND FBC CHAPTER 17 FOR ALL SPECIAL INSPECTION REQUIREMENTS. THE OWNER SHALL RETAIN AN "APPROVED AGENCY" PER FBC SECTION 1703 TO PROVIDE SPECIAL INSPECTIONS FOR THIS PROJECT. SPECIAL INSPECTORS SHALL BE QUALIFIED PERSONS PER FBC SECTION 1704.2.4. SPECIAL INSPECTION REPORTS SHALL BE PROVIDED ON A WEEKLY BASIS. SUBMIT COPIES OF ALL INSPECTION REPORTS TO THE ARCHITECT/ENGINEER AND THE AUTHORITY HAVING JURISDICTION FOR REVIEW. IN ADDITION TO SPECIAL INSPECTION REPORTS AND TESTS, SUBMIT REPORTS AND CERTIFICATES NOTED IN FBC SECTION 1704.5 TO THE AUTHORITY HAVING JURISDICTION. FINAL SPECIAL INSPECTION REPORTS WILL BE REQUIRED BY EACH SPECIAL INSPECTION FIRM PER FBC SECTION 1704.2.4.

2. STATEMENT OF SPECIAL INSPECTIONS:

- 2.1. THIS STATEMENT OF SPECIAL INSPECTIONS HAS BEEN WRITTEN WITH THE UNDERSTANDING THAT THE BUILDING OFFICIAL WILL:
- 2.1.1. REVIEW AND APPROVE THE QUALIFICATIONS OF THE SPECIAL INSPECTOR.
- 2.1.2. MONITOR THE SPECIAL INSPECTION ACTIVITY ON THE PROJECT SITE TO ENSURE THAT SPECIAL INSPECTORS ARE QUALIFIED AND PERFORMING THEIR DUTY AS STATED WITHIN THIS STATEMENT.
- 2.1.3. REVIEW ALL SPECIAL INSPECTION REPORTS SUBMITTED TO THEM BY THE SPECIAL INSPECTOR.
- 2.1.4. PERFORM INSPECTIONS AS REQUIRED BY FBC SECTION 110.3.
- 2.2. THE FOLLOWING SPECIAL INSPECTIONS ARE APPLICABLE TO THIS PROJECT:
- | | |
|--|--------------|
| SPECIAL INSPECTIONS FOR STANDARD BUILDINGS (PER FBC SECTION 1705.1) | REQUIRED |
| SPECIAL INSPECTIONS FOR SEISMIC RESISTANCE (PER FBC SECTION 1705.13) | NOT REQUIRED |
| TESTING FOR SEISMIC RESISTANCE (PER FBC SECTION 1705.14) | NOT REQUIRED |
| SPECIAL INSPECTIONS FOR WIND RESISTANCE (PER FBC SECTION 1705.12) | REQUIRED |

3. SPECIAL INSPECTION OF SHOP FABRICATED, GRAVITY LOAD-BEARING MEMBERS AND ASSEMBLIES:

- 3.1. SPECIAL INSPECTION OF SHOP FABRICATED, GRAVITY LOAD-BEARING MEMBERS AND ASSEMBLIES SHALL BE VERIFIED BY THE SPECIAL INSPECTOR AS STATED IN SECTION 1704.2.5.
- 3.2. INCLUDE THE FOLLOWING:
- 3.2.1. PRIOR TO THE START OF FABRICATION, SPECIAL INSPECTOR(S), REPRESENTING THE OWNER, SHALL VISIT THE FABRICATOR'S SHOP(S) WHERE THE WORK IS TO BE PERFORMED, AND VERIFY THAT THE FABRICATOR MAINTAINS DETAILED FABRICATION AND QUALITY CONTROL PROCEDURES THAT PROVIDE A BASIS FOR INSPECTION, CONTROL OF WORKMANSHIP, MATERIAL CONTROL, AND FABRICATOR'S ABILITY TO CONFORM TO APPROVED CONSTRUCTION DOCUMENTS AND REFERENCED STANDARDS.
- 3.2.2. FABRICATOR SHALL HAVE AVAILABLE FOR INSPECTOR'S REVIEW DETAILED PROCEDURES FOR MATERIAL CONTROL THAT DEMONSTRATE THE FABRICATOR'S ABILITY TO MAINTAIN SUITABLE RECORDS AND PROCEDURES SUCH THAT, AT ANY TIME DURING THE FABRICATION PROCESS, THE MATERIAL SPECIFICATION, GRADE, AND APPLICABLE TEST REPORTS FOR PRIMARY LOAD-CARRYING MEMBERS ARE CAPABLE OF BEING DETERMINED.

4. STRUCTURAL STEEL: PER FBC SECTION 1705.2.1

- 4.1. A QUALIFIED SPECIAL INSPECTOR OF AN "APPROVED AGENCY" PROVIDING QUALITY ASSURANCE (QA) SPECIAL INSPECTIONS FOR THE PROJECT SHALL REVIEW AND CONFIRM THE FABRICATOR AND ERECTOR'S QUALITY CONTROL (QC) PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO AISC 360 CHAPTER N, AISC 303, AWS D1.1, AND 2023 FBC CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.
- 4.2. REQUIREMENTS:
- 4.2.1. QA AGENCY PROVIDING SPECIAL INSPECTIONS SHALL PROVIDE PERSONNEL MEETING THE MINIMUM QUALIFICATION REQUIREMENTS FOR INSPECTION AND NONDESTRUCTIVE TESTING (NDT) PER AISC 360 SECTION N4.
- 4.2.1.1. QC AGENCY SHALL SUBMIT QUALIFICATION DOCUMENTS PER AISC 341 SECTION J2 ON PROJECTS SUBJECT TO SPECIAL INSPECTIONS ON SEISMIC FORCE RESISTING SYSTEMS WITH R > 3.
- 4.2.1.2. NDT PERSONNEL SHALL BE QUALIFIED PER AISC 341 SECTION J4.
- 4.2.1.3. PROVIDE QC AND QA INSPECTIONS PER AISC 341 SECTION J5 THROUGH J10 AS APPLICABLE.
- 4.2.2. VERIFY FABRICATOR AND ERECTOR QC PROGRAM PER AISC 360 SECTION N2.
- 4.2.3. INSPECTION OF WELDS AND BOLTS BY BOTH QC AND QA PERSONNEL SHALL BE PER THE SCHEDULE OF SPECIAL INSPECTIONS IN THESE DRAWINGS. ALL PROVISIONS OF AWS D1.1 FOR STATICALLY LOADED STRUCTURES SHALL APPLY.
- 4.2.4. NONDESTRUCTIVE TESTING (NDT) OF WELDS:
- 4.2.4.1. NDT OF WELDED JOINTS PER AISC 360 SECTION N5
- 4.2.4.2. RISK CATEGORY FOR DETERMINATION OF EXTENT OF NDT PER AISC 360 N5.5B IS NOTED IN THE DESIGN CRITERIA AND LOADS SECTION OF THESE GENERAL REQUIREMENTS.
- 4.2.4.3. NDT PERFORMED SHALL BE DOCUMENTED AND REPORTS SHALL IDENTIFY THE TESTED WELD BY PIECE MARK AND LOCATION OF THE PIECE.
- 4.2.4.4. FOR FIELD WORK, THE NDT REPORT SHALL IDENTIFY THE TESTED WELD BY LOCATION IN THE STRUCTURE, PIECE MARK AND LOCATION OF THE PIECE.
- 4.2.5. ADDITIONAL INSPECTION TASKS PER AISC 360 SECTION N5.8.
- 4.2.6. INSPECTION FOR COMPOSITE CONSTRUCTION SHALL BE DONE PER AISC 360 SECTION N6.
- 4.3. POST-INSTALLED ANCHORS TO CONCRETE AND MASONRY: SHALL COMPLY WITH FBC SECTION 1703. INSPECTIONS SHALL BE IN ACCORDANCE WITH THE REQUIREMENTS SET FORTH IN THE APPROVED ICC EVALUATION SERVICE REPORT (ICC-ESR) AND AS INDICATED BY THE DESIGN REQUIREMENTS SPECIFIED ON THE DRAWINGS. REFER TO THE POST-INSTALLED ANCHORS SECTION OF THE GENERAL NOTES FOR ANCHORS THAT ARE THE BASIS OF THE DESIGN. SPECIAL INSPECTOR SHALL VERIFY ANCHORS ARE AS SPECIFIED IN THE POST-INSTALLED ANCHORS SECTION OF THE GENERAL NOTES OR AS OTHERWISE SPECIFIED ON THE DRAWINGS. SUBSTITUTIONS REQUIRE APPROVAL BY THE SER AND REQUIRE SUBSTANTIATING CALCULATIONS AND A CURRENT 2023 FBC RECOGNIZED ICC-ESR. SPECIAL INSPECTOR SHALL DOCUMENT IN THEIR SPECIAL INSPECTION REPORT COMPLIANCE WITH EACH OF THE ELEMENTS REQUIRED WITHIN THE APPLICABLE ICC-ESR.
- 4.4. PREFABRICATED CONSTRUCTION: ALL PREFABRICATED CONSTRUCTION SHALL CONFORM TO FBC SECTION 1703.

5. SCHEDULES OF SPECIAL INSPECTIONS:

5.1. MINIMUM REQUIREMENTS FOR INSPECTIONS OF STRUCTURAL STEEL CONSTRUCTION

NO.	SPECIAL INSPECTION	QC	QA	REFERENCE STANDARD
1	WELDER QUALIFICATION RECORDS AND CONTINUITY RECORDS	P	O	AISC 360 TABLE N5.4-1
2	WELDING PROCEDURE SPECIFICATIONS (WPS'S) AVAILABLE	P	P	AISC 360 TABLE N5.4-1
3	MANUFACTURING CERTIFICATIONS FOR WELDING CONSUMABLES AVAILABLE	P	P	AISC 360 TABLE N5.4-1
4	MATERIAL IDENTIFICATION (TYPE/GRADE)	O	O	AISC 360 TABLE N5.4-1
5	WELDER IDENTIFICATION SYSTEM	O	O	AISC 360 TABLE N5.4-1
6	FIT-UP OF GROOVE WELDS (INCLUDING JOINT GEOMETRY)	O	O	AISC 360 TABLE N5.4-1
	JOINT PREPARATION			
	DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)			
	CLEANLINESS (CONDITION OF STEEL SURFACES)			
	TACKING (TACK WELDING QUALITY AND LOCATION)			
	BACKING TYPE AND FIT (IF APPLICABLE)			
7	FIT-UP OF CJP GROOVE WELDS OF HSS T-, Y-, AND K-JOINTS WITHOUT BACKING (INCLUDING JOINT GEOMETRY)	P	O	AISC 360 TABLE N5.4-1
	JOINT PREPARATION			
	DIMENSIONS (ALIGNMENT, ROOT OPENING, ROOT FACE, BEVEL)			
	CLEANLINESS (CONDITION OF STEEL SURFACES)			
	TACKING (TACK WELDING QUALITY AND LOCATION)			
8	CONFIGURATION AND FINISH OF ACCESS HOLES	O	O	AISC 360 TABLE N5.4-1
9	FIT-UP OF FILLET WELDS	O	O	AISC 360 TABLE N5.4-1
	DIMENSIONS (ALIGNMENT, GAPS AT ROOT)			
	CLEANLINESS (CONDITION OF STEEL SURFACES)			
	TACKING (TACK WELDING QUALITY AND LOCATION)			
10	CHECK WELDING EQUIPMENT	O	-	AISC 360 TABLE N5.4-1
	INSPECTION TASKS DURING WELDING			
1	USE OF QUALIFIED WELDERS	O	O	AISC 360 TABLE N5.4-2
2	CONTROL AND HANDLING OF WELDING CONSUMABLES	O	O	AISC 360 TABLE N5.4-2
	PACKAGING			
	EXPOSURE CONTROL			
3	NO WELDING OVER CRACKED TACK WELDS	O	O	AISC 360 TABLE N5.4-2
4	ENVIRONMENTAL CONDITIONS	O	O	AISC 360 TABLE N5.4-2
	WIND SPEED WITHIN LIMITS			
	PRECIPITATION AND TEMPERATURE			
5	WPS FOLLOWED	O	O	AISC 360 TABLE N5.4-2
	SETTINGS ON WELDING EQUIPMENT			
	TRAVEL SPEED			
	SELECTED WELDING MATERIALS			
	SHIELDING GAS TYPE/ FLOWRATE			
	PREHEAT APPLIED			
	INTERPASS TEMPERATURE MAINTAINED (MIN/MAX)			
	PROPER POSITION (F, V, H, OH)			
6	WELDING TECHNIQUES	O	O	AISC 360 TABLE N5.4-2
	INTERPASS AND FINAL CLEANING			
	EACH PASS WITHIN PROFILE			
	EACH PASS MEETS QUALITY REQUIREMENTS			
	INSPECTION TASKS AFTER WELDING			
1	WELDS CLEANED	O	O	AISC 360 TABLE N5.4-3
2	SIZE, LENGTH, AND LOCATIONS OF WELDS	P	P	AISC 360 TABLE N5.4-3

3	WELDS MEET VISUAL ACCEPTANCE CRITERIA	P	P	AISC 360 TABLE N5.4-3
	CRACK PROHIBITION			
	WELD/BASE-METAL FUSION			
	CRATER CROSS SECTION			
	WELD PROFILES			
	WELD SIZE			
	UNDERCUT			
	POROSITY			
4	ARC STRIKES	P	P	AISC 360 TABLE N5.4-3
5	K-AREA	P	P	AISC 360 TABLE N5.4-3
6	WELD ACCESS HOLES IN ROLLED HEAVY SHAPES AND BUILT-UP HEAVY SHAPES	P	P	AISC 360 TABLE N5.4-3
7	BACKING REMOVED AND WELD TABS REMOVED (IF REQUIRED)	P	P	AISC 360 TABLE N5.4-3
8	REPAIR ACTIVITIES	P	P	AISC 360 TABLE N5.4-3
9	DOCUMENT ACCEPTANCE OR REJECTION OF WELDED JOINT OR MEMBER	P	P	AISC 360 TABLE N5.4-3
10	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	P	P	AISC 360 TABLE N5.4-3
	INSPECTION TASKS PRIOR TO BOLTING			
1	MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P	AISC 360 TABLE N5.6-1
2	FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	O	AISC 360 TABLE N5.6-1
3	CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM SHEAR PLANE)	O	O	AISC 360 TABLE N5.6-1
4	CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O	AISC 360 TABLE N5.6-1
5	CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE PAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O	AISC 360 TABLE N5.6-1
6	PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P	O	AISC 360 TABLE N5.6-1
7	PROPER STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENERS COMPONENTS	O	O	AISC 360 TABLE N5.6-1
	INSPECTION TASKS DURING BOLTING			
1	FASTENER ASSEMBLIES, OF SUITABLE CONDITION, PLACED IN ALL HOLES AND WASHERS ARE POSITIONED AS REQUIRED	O	O	AISC 360 TABLE N5.6-2
2	JOINT BROUGHT TO THE SNUG-TIGHT CONDITION PRIOR TO THE PRE-TENSIONING OPERATION	O	O	AISC 360 TABLE N5.6-2
3	FASTENER COMPONENT NOT TURNED BY THE WRENCH PREVENTED FROM ROTATING	O	O	AISC 360 TABLE N5.6-2
4	FASTENERS ARE PRE-TENSIONED IN ACCORDANCE WITH THE RCSC SPECIFICATION, PROGRESSING SYSTEMATICALLY FROM THE MOST RIGID POINT TOWARD THE FREE EDGES	O	O	AISC 360 TABLE N5.6-2
	INSPECTION TASKS AFTER BOLTING			
1	NO PROHIBITED WELDS HAVE BEEN ADDED WITHOUT THE APPROVAL OF THE EOR	P	P	AISC 360 TABLE N5.6-3
	INSPECTION OF STEEL ELEMENTS OF COMPOSITE CONSTRUCTION PRIOR TO CONCRETE PLACEMENT			

5.1.1. (O) - OBSERVE THESE ITEMS ON A RANDOM BASIS. OPERATIONS NEED NOT BE DELAYED PENDING THESE INSPECTIONS

5.1.2. (P) - PERFORM THESE TASKS FOR EACH WELDED JOINT OR MEMBER, EACH BOLTED CONNECTION, OR EACH STEEL ELEMENT

5.2. REQUIRED SPECIAL INSPECTIONS AND TESTS FOR COLD-FORMED STEEL

NO.	SPECIAL INSPECTION	CONTINUOUS	PERIODIC
1	WELDING OF ALL ELEMENTS OF THE SEISMIC FORCE RESISTING SYSTEM IN ACCORDANCE WITH FBC	-	X
2	SCREW ATTACHMENT, BOLTING, ANCHORING, AND OTHER FASTENING OF COMPONENTS WITHIN THE SEISMIC FORCE RESISTING SYSTEM, INCLUDING STRUTS, BRACES, HOLD-DOWNS, DIAPHRAGMS AND SHEAR WALLS	-	X
3	PERIODIC SPOT CHECK (MINIMUM OF 30 PERCENT) INSPECTIONS FOR THE FOLLOWING:	-	-
3a	MEMBER MATERIAL, SIZE, AND COATING	-	X
3b	ALIGNMENT, PLACEMENT, CONDITION OF MEMBERS SHALL MEET THE REQUIREMENTS OF THE "ERECTION TOLERANCES" SECTION	-	X
3c	WALL STUD BRIDGING AND STRONGBACK INSTALLATION	-	X
3d	CONNECTIONS: SCREWS & BOLT SIZE AND SPACING, WELDING OPERATIONS AND SIZE	-	X
4	SHOP FABRICATED ASSEMBLIES [NOTE 5.2.1]	-	X

5.2.1. WHERE OFF-SITE PREFABRICATION OF ASSEMBLIES OCCURS, SPECIAL INSPECTOR SHALL REVIEW THE FABRICATION SHOP'S QUALITY CONTROL PROCEDURES FOR COMPLETENESS AND ADEQUACY RELATIVE TO AISI CODE OF STANDARD PRACTICE, AWS D1.3, AND 2023 FBC SECTION 1704.2.5 CODE REQUIREMENTS FOR THE FABRICATOR'S SCOPE OF WORK.

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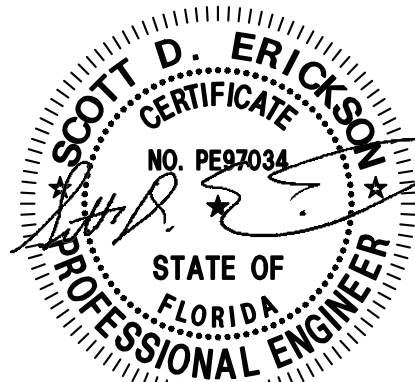
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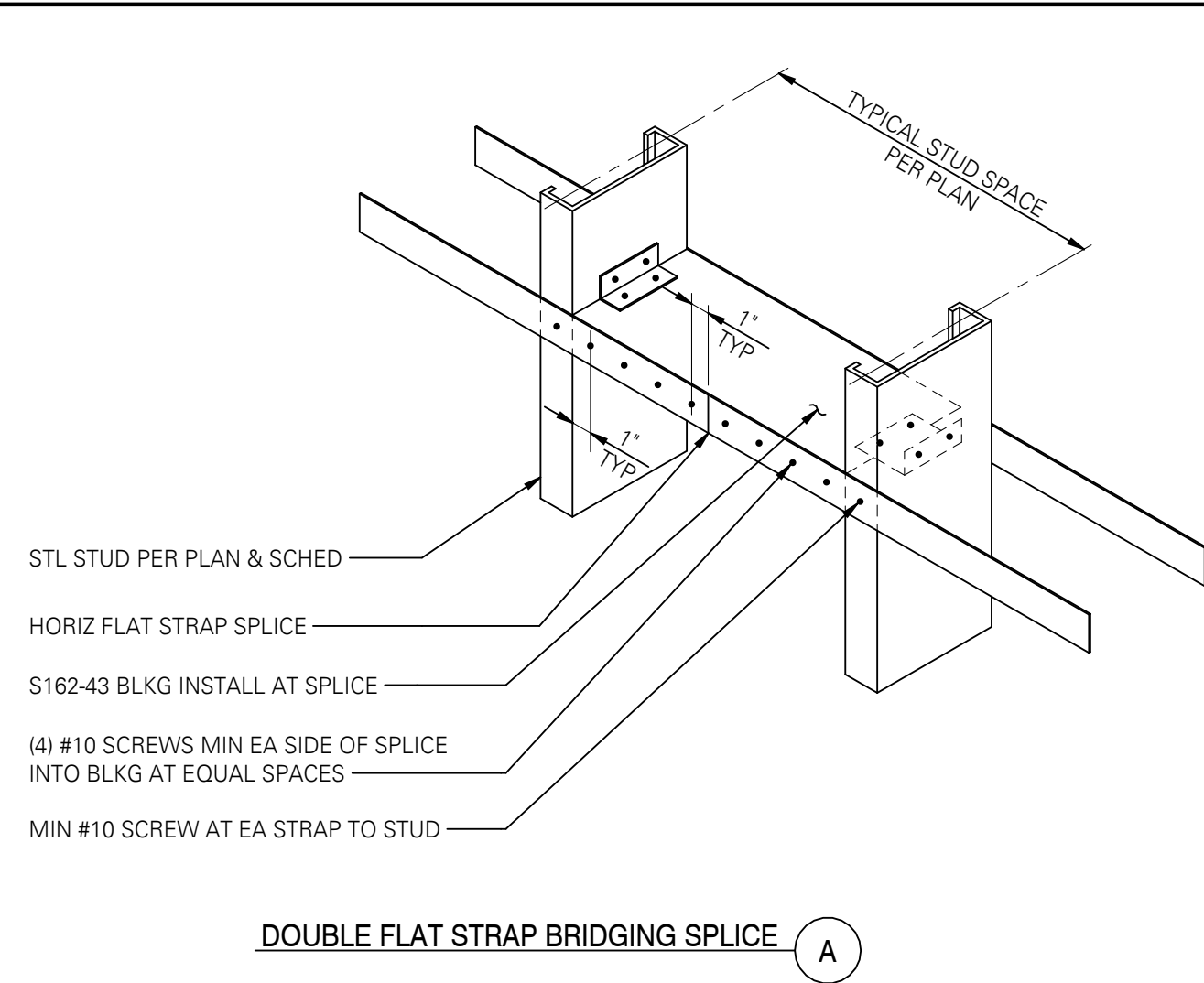


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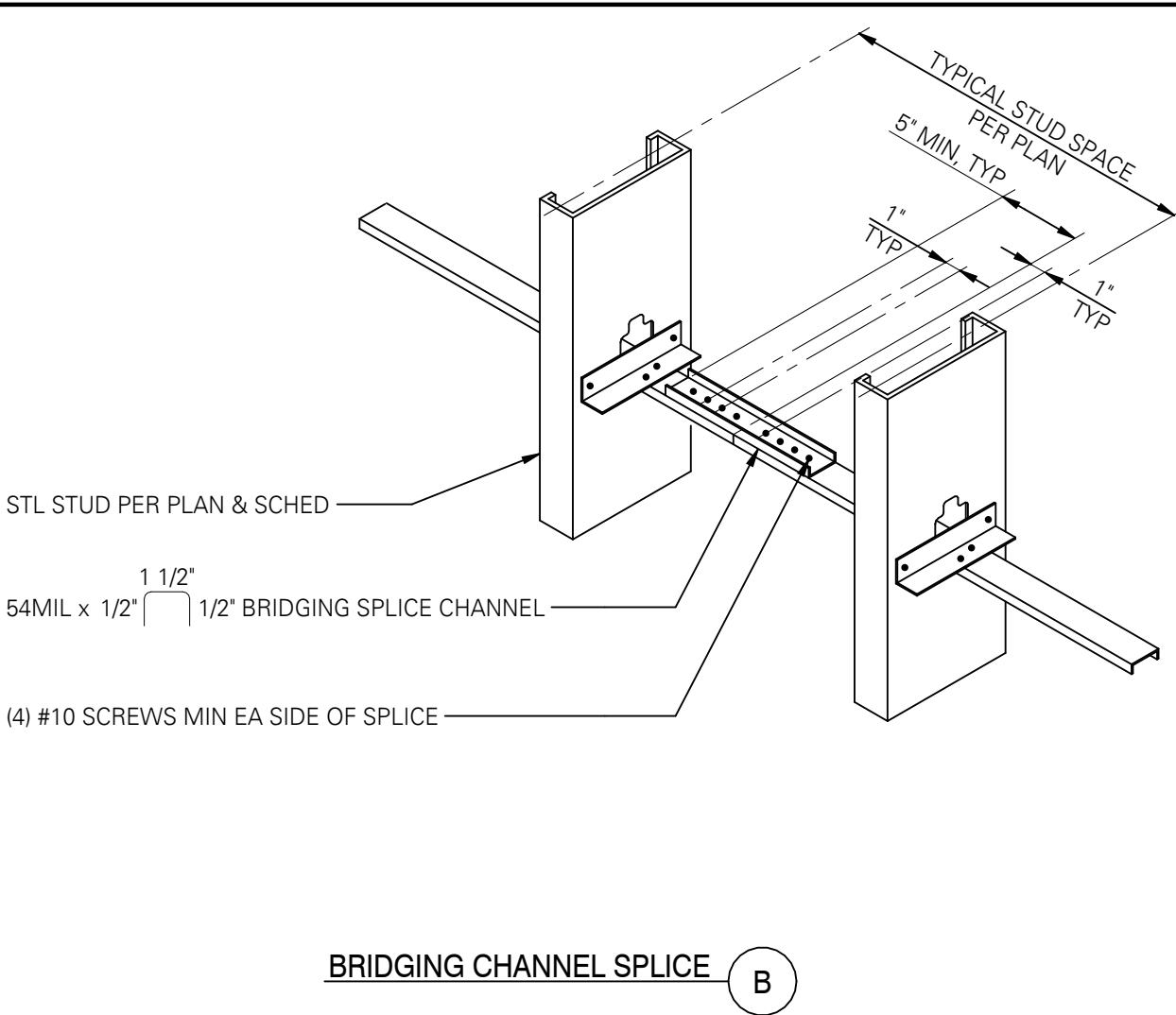
TYPICAL STEEL STUD WALL BRIDGING SPLICE DETAIL

SCALE: 1 1/2" = 1'-0" (07011)

NOTE:
ATTACH BLOCKING/BRIDGING TO STEEL STUDS PER 3/S-301.



BRIDGING CHANNEL SPLICE (B)

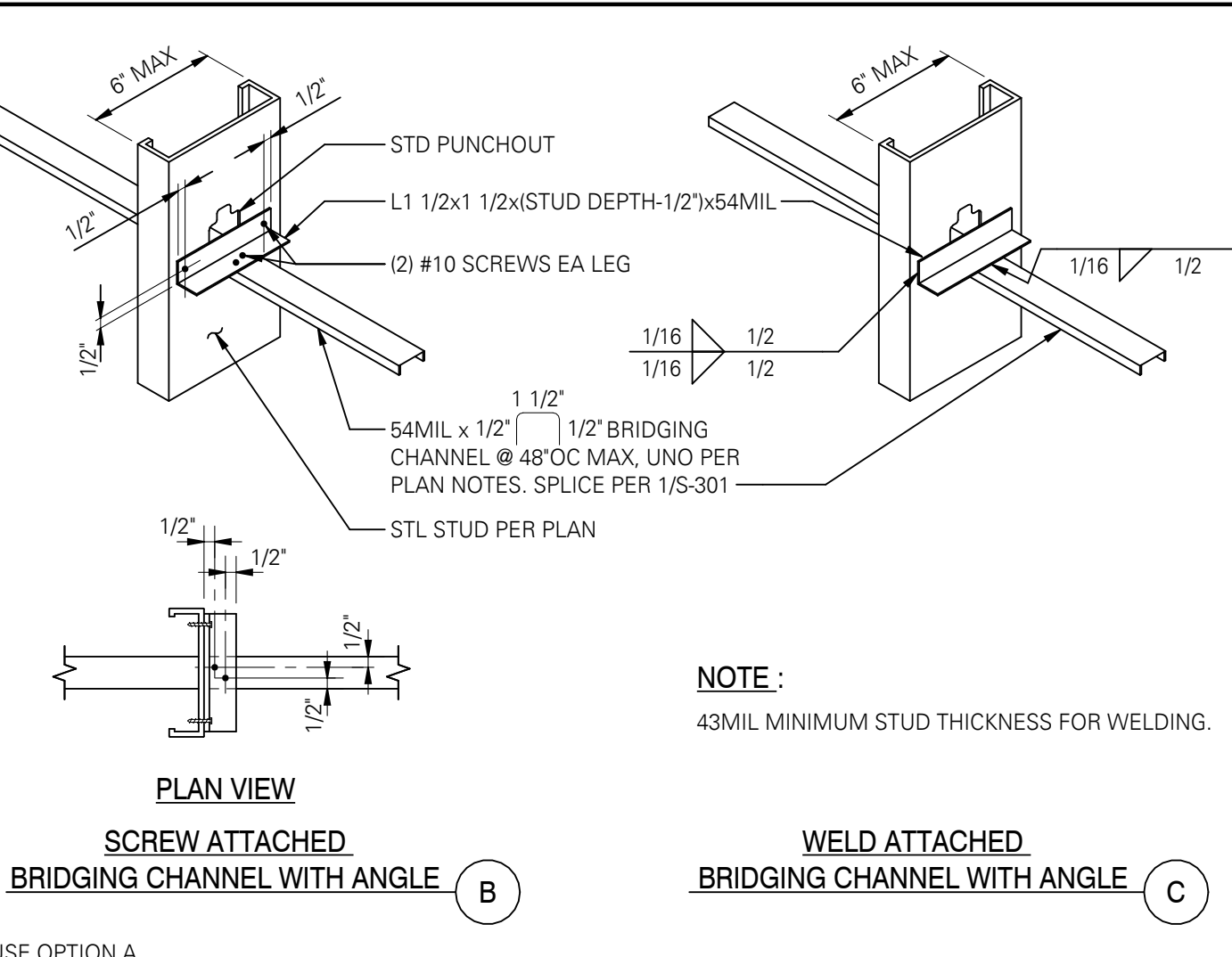
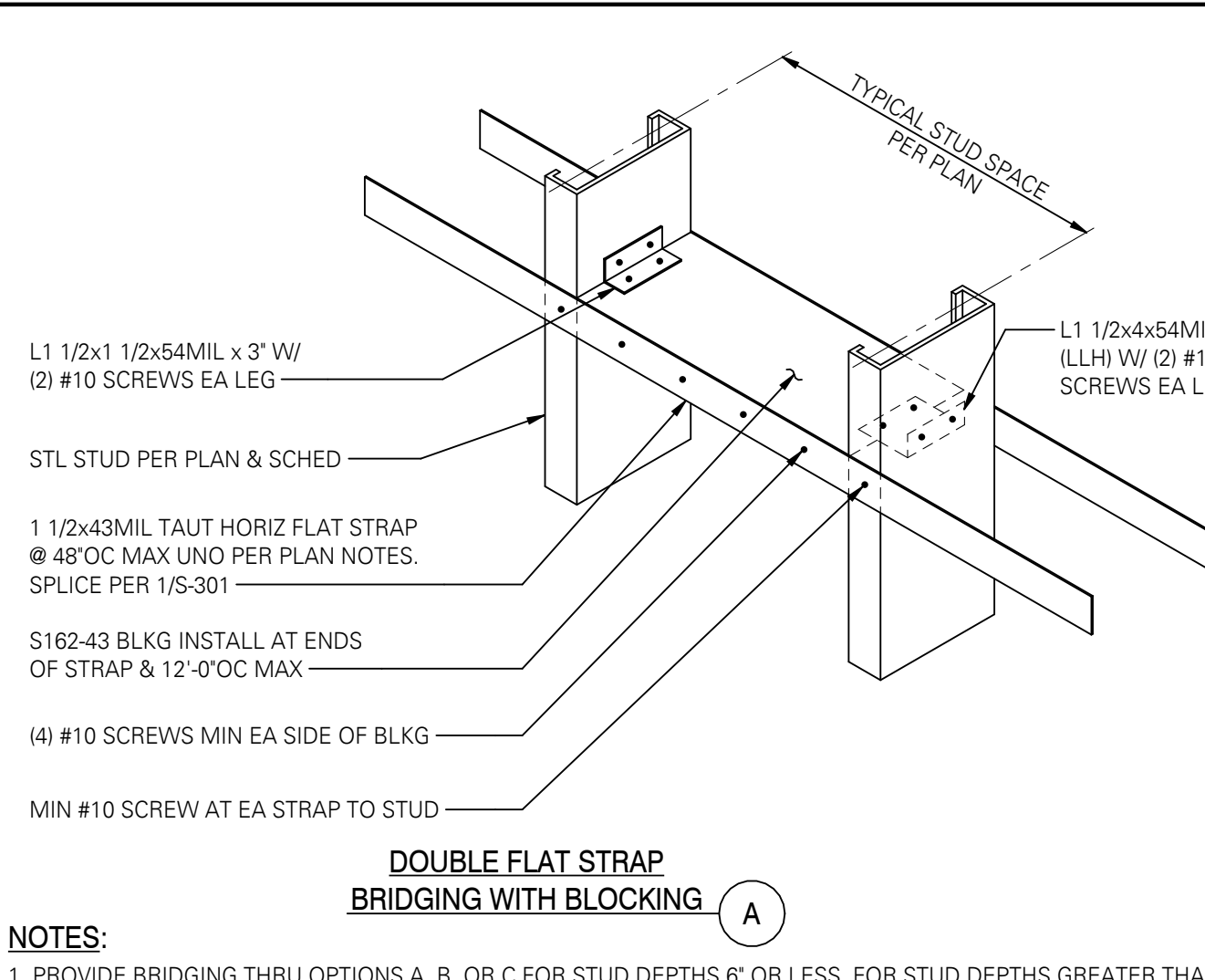


3

TYPICAL STEEL STUD WALL BRIDGING

SCALE: 1 1/2" = 1'-0" (07010)

NOTES:
1. PROVIDE BRIDGING THRU OPTIONS A, B, OR C FOR STUD DEPTHS 6' OR LESS. FOR STUD DEPTHS GREATER THAN 6' USE OPTION A.
2. FLAT STRAP MAY BE OMITTED ON SIDE OF SHEAR WALLS WITH SHEET STEEL OR SUREBOARD SHEATHING. BLOCKING IS STILL REQUIRED AS SHOWN.
3. RESILIENT CHANNEL MAY BE SUBSTITUTED FOR FLAT STRAP IF INSTALLED PER THIS DETAIL.

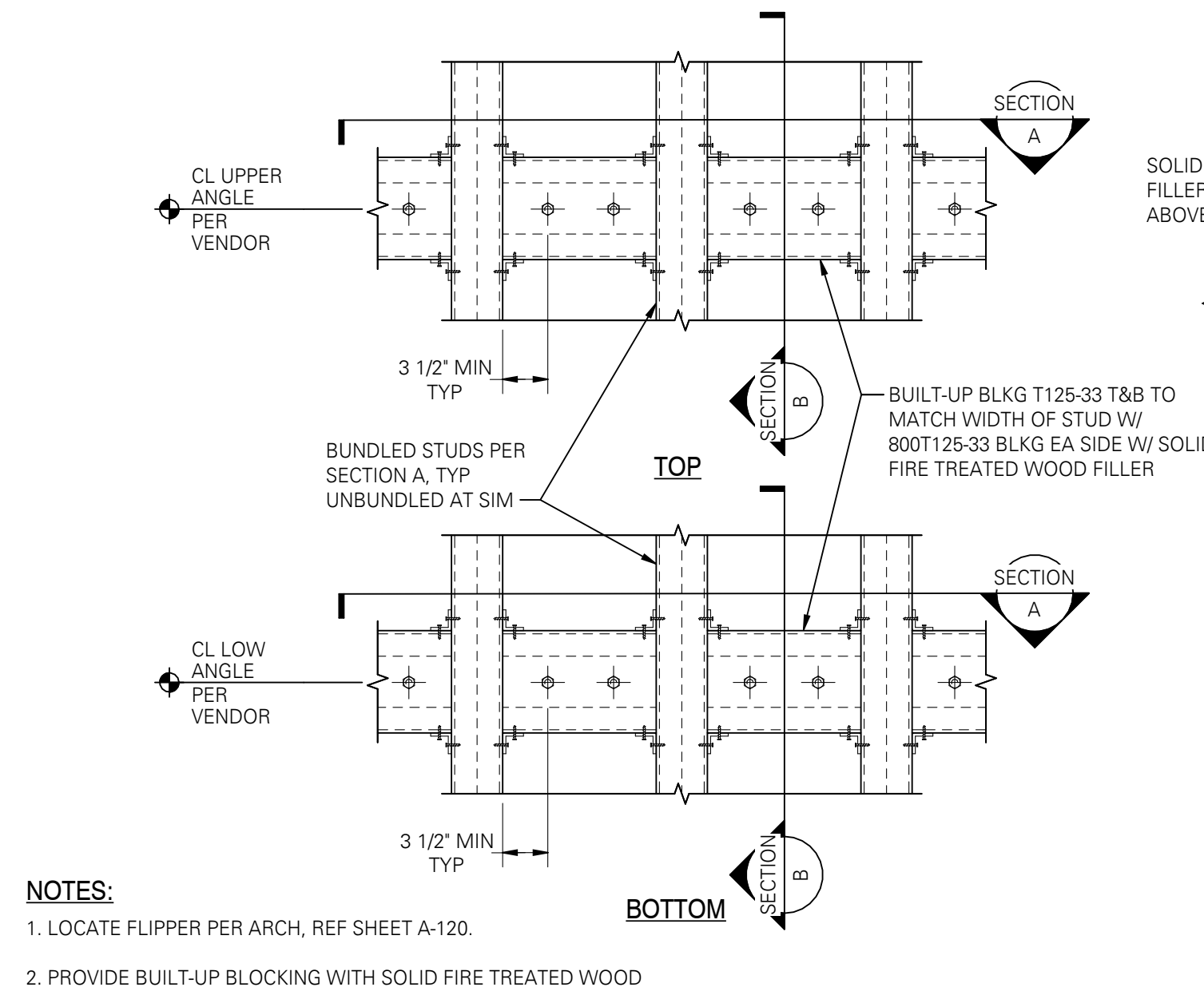


9

FLIPPER SUPPORT DETAILS

SCALE: 1" = 1'-0" (07330)

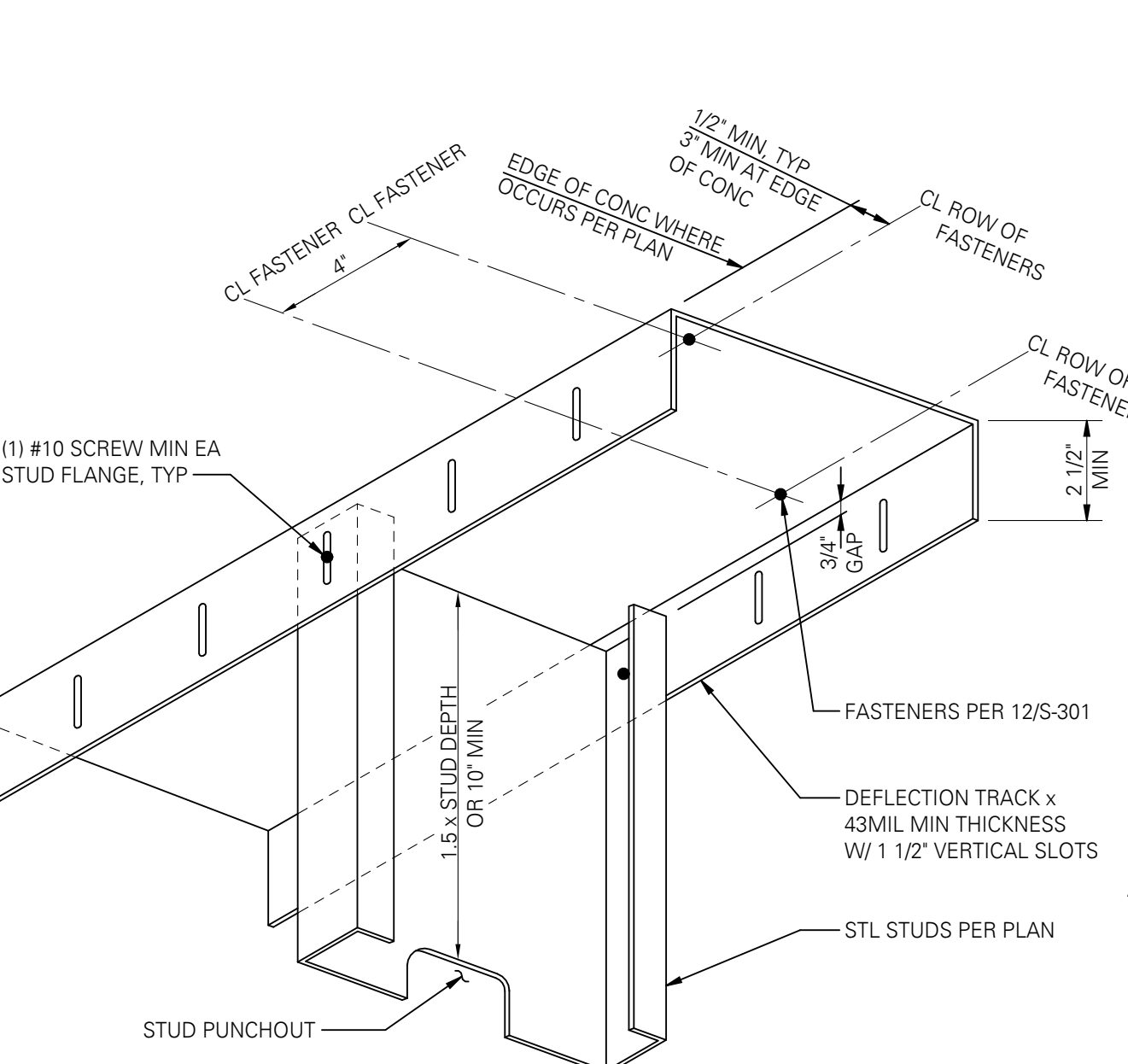
NOTES:
1. LOCATE FLIPPER PER ARCH, REF SHEET A-120.
2. PROVIDE BUILT-UP BLOCKING WITH SOLID FIRE TREATED WOOD FILLER AT TOP AND BOTTOM ANGLES PER VENDOR.
3. PROVIDE CONTINUOUS BLOCKING AND BUNDLED STUDS FOR THE FULL LENGTH +6" ON EACH END OF THE VENDOR PROVIDED ANGLES.



11

TYPICAL NON-BEARING WALL TOP TRACK ATTACHMENT TO CONCRETE SLAB OR METAL DECK

SCALE: 1" = 1'-0" (07003)

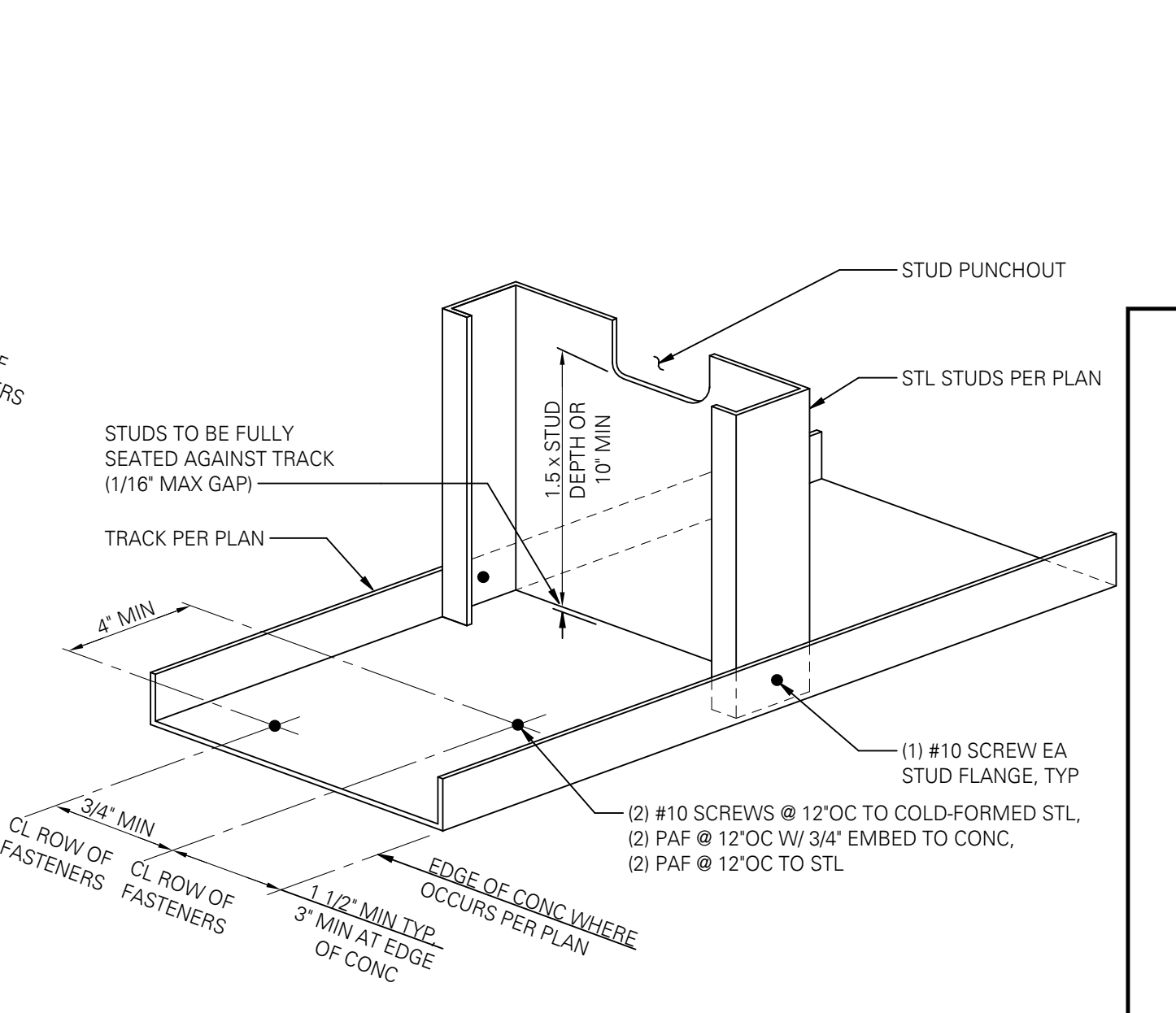


12

TYPICAL TOP AND BOTTOM TRACK DETAIL

SCALE: 1" = 1'-0" (07000)

NOTE:
THIS DETAIL APPLIES TO TOP AND BOTTOM TRACKS OF ALL STRUCTURAL STEEL STUD WALLS UNO. AT NON-STRUCTURAL WALLS, USE TOP DEFLECTION TRACK PER 11/S-301.



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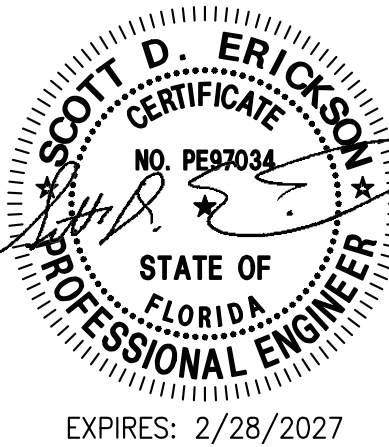
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DETAILS

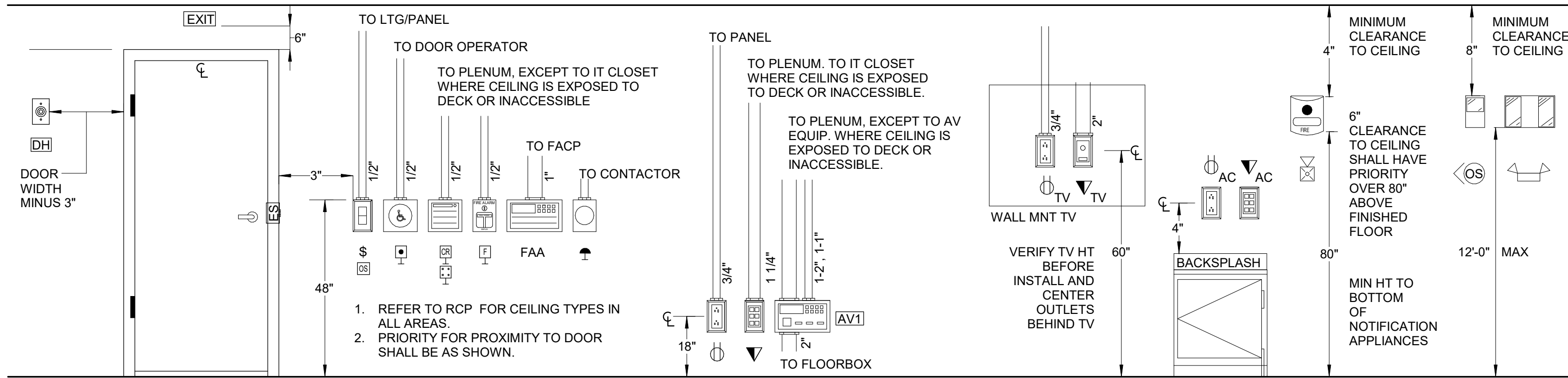
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KEY NOTES:

- 1' (0-150V to GND), 3.5' (151V-800V to GND), 4' (OVER 150V WITH EXPOSED LIVE PARTS ON OTHER SIDE)
- 2' DEDICATED EQUIPMENT SPACE SHALL BE KEPT CLEAR TO 8FT ABOVE EQUIPMENT OR TO STRUCTURE OF ALL BUT CONDUIT SERVING EQUIPMENT.
- 3' MIN OFFSET SHALL BE DEPTH OF EQUIPMENT ON PERPENDICULAR WALL

A	AMPERE	LOTO	LOCK OUT TAG OUT
AC	ABOVE COUNTER	LTG	LIGHT OR LIGHTING
AFC	ABOVE FINISHED FLOOR	MCB	MAIN CIRCUIT BREAKER
AIF	AMP INTERRUPTING CAPACITY	MC	MOTOR CIRCUIT CENTER
AV	AUDIO	MCR	MOTOR CIRCUIT PROTECTOR
ATS	AUTOMATIC TRANSFER SWITCH	MIN	MINIMUM
BLDG	BUILDING	MH	METAL HALIDE
C	CONDUIT	MO	MAIN LUGS ONLY
CKT	CIRCUIT	MNS	MASS NOTIFICATION SYSTEM
CM	CIRCUIT MODULE	MRS	MOTOR RATED SWITCH
CONN	CONNECT OR CONNECTION	MSB	MAIN SWITCH BOARD
CT	CURRENT TRANSFORMER	MTD	MOUNTED
DIM	DIMENSION	MTS	MANUAL TRANSFER SWITCH
EA	EACH	MV	MEDIUM VOLTAGE
EC	ELECTRICAL CONTRACTOR	N.I.C.	NOT IN CONTRACT
EF	EXHAUST FAN	NL	NIGHT LIGHT (UNSWITCHED)
ELEC	ELECTRIC, ELECTRICAL	NTS	NOT TO SCALE
EMER	EMERGENCY	O	PHASE
EPO	EMERGENCY POWER OFF	OL	OVERLOAD
EWC	ELECTRIC WATER COOLER	OE	OVER HEAD ELECTRIC
FACP	FIRE ALARM CONTROL PANEL	PS	PULL STRING
FL	FULL LOAD AMPS	RECP	RECEPTEAL
FS	FLOW SWITCH	RGS	RIGID GALVANIZED STEEL
FSD	FIRE SMOKE DAMPER	SPD	SURGE PROTECTION DEVICE
GF	GENERAL CONTRACTOR	TS	TAMPER SWITCH
GFI	GROUND FAULT INTERRUPTER	TP	TYPICAL
GRD	GROUND	UG	UNDERGROUND
HOA	HAND-OFF-AUTO	UNO	UNLESS NOTED OTHERWISE
HP	HORSEPOWER	V	VOLTAGE
HPS	HIGH PRESSURE SODIUM	WH	WEATHER WATER
HTR	HEATER	WP	WEATHER PROOF
J-BOX	JUNCTION BOX	WR	WEATHER RATED
K-MAX	THOUSAND CIRCULAR MILLS	XFMR	TRANSFORMER

The diagram illustrates the layout of electrical components in a control room. On the left, a large rectangle represents the 'ELECTRICAL PANELS' section, containing a box labeled 'PANEL L1' with specifications '208/120V, 3PH, 4W' and '225A, FED FROM H1 VIA XFMR T-L1'. To the right of this is the 'EQUIPMENT CONTROLS' section, which includes a box labeled 'CWP-VFD' with specifications '208/120V, 3PH, 4W' and '5HP, FED FROM L1'. Below these are three smaller boxes: 'PWR' (1#1 120V), 'IT' (COM), and 'FIRE' (FA NAC). These are connected to a 'J-BOXES' section at the bottom, which contains a box labeled 'PNL.# CKT' and a 'RECEPTACLE' box. The 'RECEPTACLE' box is connected to a 'SPECIFICATIONS' section, which lists requirements for the wiring and labeling, including the use of 1/16" phenolic plastic laminate, two flat head screws, adhesive labels, and the use of permanent ink marker and paint for labeling. The specifications also mention the use of orange and red covers for the j-boxes and the placement of a dot of paint on the outside of the j-box covers.



	SINGLE RECEPTACLE
	DUPLEX RECEPTACLE
	FLOOR MOUNTED DUPLEX RECEPTACLE
	CEILING DUPLEX RECEPTACLE
	QUADPLEX RECEPTACLE
	FLOOR MOUNTED QUADPLEX RECEPTACLE
	SPECIAL RECEPTACLE
	USB RECEPTACLE
	SPLIT CONTROLLED DUPLEX RECEPTACLE
	CONTROLLED DUPLEX RECEPTACLE
	WALL MOUNTED JUNCTION BOX
	CEILING MOUNTED JUNCTION BOX
	MULTIOUTLET ASSEMBLY
	SAFETY DISCONNECT SWITCH (NON-FUSED)
	SAFETY DISCONNECT SWITCH (FUSED)
	COMBINATION MOTOR STARTER (FUSED)
	MOTOR RATED TOGGLE SWITCH
	EMERGENCY POWER OFF BUTTON
	POWER POLE (OPEN OFFICE STYLE)
	UTILITY SERVICE POWER POLE
	FLOORBOX (SEE FLOORBOX SCHEDULE)
	TRANSFORMER (THE TRANSFORMER TYPE IS INDICATED BY A NUMBER INDICATING KVA RATING FOLLOWING THE UPPER CASE LETTER "T")
	ELECTRICAL PANELBOARD
	FLOOR CLEARANCE AREA

	MOLDED CASE/ THERMAL MAGNETIC CIRCUIT BREAKER
	DRAWOUT CIRCUIT BREAKER, AIR TYPE
	DRAWOUT CIRCUIT BREAKER, VAC TYPE
	THERMAL OVERLOAD
	NON-FUSED DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	FUSE, HOLDER & PULLER
	POTENTIAL TRANSFORMER
	CURRENT TRANSFORMER
	UTILITY METER
	SURGE PROTECTION DEVICE
	GROUND
	MOTOR, "X" INDICATING HORSE POWER
	AUTOMATIC TRANSFER SWITCH
	SHUNT TRIP (K=KIRK KEY INTERLOCK, RT=REMOTE TRIP)
	KIRK KEY

	WALL CONTROL (SEE LIGHTING CONTROL MATRIX)
	CEILING MOUNTED OCCUPANCY SENSOR
	WALL MOUNTED OCCUPANCY SENSOR
	CEILING MOUNTED DAYLIGHT SENSOR
	WALL MOUNTED DAYLIGHT SENSOR
	CEILING MOUNTED PHOTOCELL
	WALL MOUNTED PHOTOCELL
	TOUCHSCREEN CONTROL STATION
	ROOM LIGHTING CONTROL TAG (SEE LIGHTING CONTROL MATRIX)
*	FIXTURE IS IN PRIMARY DAYLIGHT ZONE
**	FIXTURE IS IN SECONDARY DAYLIGHT ZONE

- ◀ TELEPHONE OUTLET
- ◀ IVD2 VOICE DATA OUTLET
 - # OF VOICE AND # OF DATA OUTLETS.
 - EXAMPLE: IVD2 = 1 VOICE, 2 DATA
- ◀ CLING CEILING VOICE DATA OUTLET
- ◀ 2 DATA OUTLET
 - # OF DATA OUTLETS
- ◀ CLING CEILING OUTLET
- ◀ TV TV DATA OUTLET
- ◀ AVI AUDIO VIDEO INPUT JACK BOX
- ✕ WIRELESS ACCESS POINT
- ◀ ■ AUTO PUSH DOOR BUTTON
- ES ELECTRIC STRIKE
- ME MAGNETIC LOCK
- ◀ ER CARD READER
- ◀ K SECURITY KEYPAD

	FIRE ALARM STROBE
	FIRE ALARM PULL STATION
	FIRE ALARM BELL
	FIRE ALARM HORN W/STROBE
	FIRE ALARM SPEAKER W/STROBE
	SPRINKLER FLOW SWITCH
	SPRINKLER VALVE TAMPER SWITCH
	THERMAL DETECTOR
	CEILING SMOKE DETECTOR
	CEILING CARBON MONOXIDE DETECTOR
	CEILING FIRE ALARM HORN W/STROBE
	CEILING FIRE ALARM SPEAKER W/STROBE
	CEILING FIRE ALARM STROBE
	FIRE ALARM CONTROL PANEL
	FIRE ALARM REMOTE ANNUNCIATOR PANEL

AC GFI

SPECIFICATION NOTES:
 GFI = INTEGRAL GROUND FAULT TRIP MODULE
 IG = ISOLATED GROUND
 MG = MARINE GRADE
 TL = TWIST-LOCK
 TR = TAMPER-RESISTANT
 WP = WEATHER RESISTANT RECEPTACLE WITH METAL WEATHERPROOF WHILE IN USE COVER

MOUNTING REQUIREMENTS
 48" = MOUNT AT 48 INCHES ABOVE FINISHED FLOOR
 AC = MOUNT ABOVE COUNTER 4" ABOVE BACK-SPLASH (MOUNT AT 18 INCHES ABOVE FINISH FLOOR U.N.O.)

a 3

SPECIFICATION NOTES:
 (BLANK) = SEE LIGHTING CONTROL MATRIX*
 3 = THREE WAY
 4 = FOUR WAY
 D = DIMMER
 EP = EXPLOSION PROOF
 K = KEY OPERATED
 P = PILOT LIGHT
 T = TIMER

SWITCHING INSTRUCTIONS
 LOWER CASE LETTER DESIGNATES LIGHTING ZONE. LETTER WILL BE SHOWN NEXT TO EACH FIXTURE CONTROLLED BY SWITCH

*MATRIX WILL HAVE ADDITIONAL SWITCH FEATURES. SEE SCHEDULE SHEET(S).

FIXTURE TYPE ID
 (SEE LIGHT FIXTURE SCHEDULE)
 FIXTURE IS IN DAYLIGHTING ZONE
 (SEE LIGHTING CONTROLS SECTION)
 LOWER-CASE LETTER INDICATING LIGHTING ZONE (WHERE APPLICABLE)
 PANEL NAME & CIRCUIT NUMBER

AE
 P1#1
 DIAGONAL HATCH INDICATES EMERGENCY/EGRESS LIGHTING AND/OR TAGGED WITH "E" (AS IN "AE")

EXIT LIGHTS. STEM INDICATES WALL MOUNTING. NO STEM INDICATES CEILING MOUNTING. SHADED AREA INDICATES ILLUMINATED FACE(S). ARROW INDICATES DIRECTIONAL ARROW ON ILLUMINATED FACE(S).

— CONDUIT IN CEILING, FLOOR OR WALL AS REQUIRED BY FIELD CONDITIONS
 --- CONDUIT IN FLOOR

1
 REVISION NUMBER - SHOWN ON PLANS

-

 NUMBER OF DETAIL ON SHEET
 NUMBER OF SHEET WHERE DETAIL APPEARS

1
Room
6
 KEYED NOTE (SEE SCHEDULE)
 ROOM NAME AND NUMBER

GRAPHICAL REPRESENTATION OF PHASING, TYPICAL FOR ALL SYMBOLS.

← EXISTING TO REMAIN
 → EXISTING TO BE REMOVED/RELOCATED
 ○ NEW

ITEM TO BE REMOVED

E-001	ELECTRICAL SYMBOLS AND LEGENDS
E-003	ELECTRICAL GENERAL NOTES
E-004	ELECTRICAL GENERAL NOTES
E-005	LIGHTING FIXTURE SCHEDULE
ED-110	ELECTRICAL DEMOLITION PLAN
ED-130	ELECTRICAL DEMOLITION LIGHTING PLAN
E-110	ELECTRICAL POWER PLAN
E-130	ELECTRICAL LIGHTING PLAN
E-201	ELECTRICAL DETAILS
E-401	ELECTRICAL ONE-LINE DIAGRAMS
E-601	ELECTRICAL SCHEDULES
E-901	ELECTRICAL SPECIFICATION
E-902	ELECTRICAL SPECIFICATION

**23101 FASHION DR.
SUITE 101
ESTERO, FL 33928**

A circular professional engineer seal for Michael Sean Gath. The outer ring contains the text "MICHAEL SEAN GATH" at the top and "PROFESSIONAL ENGINEER" at the bottom, separated by two stars. Inside the ring, the word "LICENSE" is at the top, "No. 91478" is in the center, and "STATE OF FLORIDA" is at the bottom. A blue ink signature, "Michael Sean Gath", is written across the center of the seal.

Delta	Issue	Description	Date
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7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

ELECTRICAL SYMBOLS AND LEGENDS

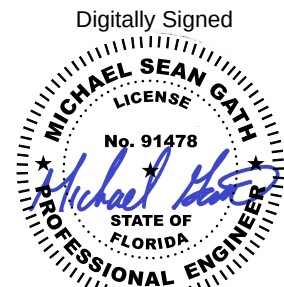
Title
E-001
Sheet

GENERAL ELECTRICAL REQUIREMENTS: CODE REQUIREMENTS THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REQUIREMENTS OF LAWS, RULES, REGULATIONS, CODES, STANDARDS, AND ORDINANCES OF FEDERAL, STATE, AND LOCAL AUTHORITIES HAVING JURISDICTION, AND ALL EQUIPMENT AND MATERIALS SHALL COMPLY WITH SAID AUTHORITIES WHETHER INDICATED ON THE CONTRACT DOCUMENTS OR NOT. 1. ALL WORK SHALL BE PERFORMED PER: 1.1. 2018 INTERNATIONAL ENERGY CONSERVATION CODE - IECC 1.3. 2020 NATIONAL ELECTRICAL CODE - NEC 1.4. NATIONAL FIRE PROTECTION ASSOCIATION - NFPA 2. THE PUBLICATIONS AND STANDARDS OF THE FOLLOWING AUTHORITIES, IN ADDITION TO THOSE SPECIFIED IN RELATED SUPPLEMENTARY CONDITIONS, SHALL BE OBSERVED DURING CONSTRUCTION AND ARE REFERENCED IN THE DOCUMENTATION BY THE ABBREVIATIONS NOTED: 2.1. UNITED STATES OF AMERICA STANDARDS INSTITUTE - USASI 2.2. INSTITUTE OF ELECTRICAL AND ELECTRONIC ENGINEERS - IEEE 2.3. NATIONAL ELECTRICAL CODE - NEC 2.4. NATIONAL FIRE PROTECTION ASSOCIATION - NFPA 2.5. UNDERWRITERS LABORATORY - UL 2.6. NATIONAL ELECTRICAL MANUFACTURERS ASSOCIATION - NEMA 2.7. CERTIFIED BALLAST MANUFACTURERS - CBM 2.8. AMERICAN SOCIETY FOR TESTING AND MATERIALS - ASTM 2.9. OCCUPATIONAL SAFETY AND HEALTH ACT - OSHA 3. U.N.O., EQUIPMENT AND DEVICES SHALL BE MOUNTED PER ADA AND TAS REQUIREMENTS. 3.1. OPERABLE DEVICES (SWITCHES, CARD READERS, ETC) AT OR BELOW 48" AFF 3.2. RECEPTACLES, TELEPHONE AND DATA OUTLETS AT 18" AFF (15" MIN TO BOTTOM OF DEVICE), UNO SCOPE OF WORK 1. THE SCOPE OF WORK SHALL INCLUDE COMPLETE PROVISIONS FOR ELECTRICAL POWER DISTRIBUTION TO ALL LIGHTING, DEVICES, APPLIANCES, AND EQUIPMENT SHOWN ON THE CONSTRUCTION DOCUMENTS. 1.1. PROVISIONS INCLUDE, BUT ARE NOT LIMITED TO, ALL SUPPLIES, MATERIALS, EQUIPMENT, TOOLS AND LABOR. 1.2. PROVISIONS ALSO INCLUDE ALL MISCELLANEOUS MATERIALS REQUIRED TO COMPLETE THE WORK SHOWN INCLUDING, BUT NOT LIMITED TO, SUPPORTS, HANGERS, RACEWAYS, BOXES, SLEEVES, SEALS, EQUIPMENT PADS, WIRING CONNECTORS, TERMINALS, LABELS, SIGNS, AND MARKERS. 1.3. THE CONSTRUCTION DOCUMENTS INCLUDE ALL PLANS, ELEVATIONS, DETAILS, DIAGRAMS, SCHEDULES, AND NOTES ON THE DRAWINGS AND THE WRITTEN SPECIFICATIONS INCLUDING ANY ITEMS MENTIONED IN EITHER THE SPECIFICATIONS OR ON THE DRAWINGS BUT NOT IN THE OTHER. 1.4. WHERE USED ON THE PLANS AND IN THE SPECIFICATIONS AND WHERE NOT SPECIFICALLY NOTED OTHERWISE, THE TERM "PROVIDE" AND THE TERM "INSTALL" SHALL MEAN FURNISH, INSTALL, CONNECT AND TEST. 1.5. UNLESS EXPLICITLY NOTED "BY OTHERS" OR "EXISTING", ALL ITEMS SHOWN GRAPHICALLY OR SPECIFIED BY NOTES AND DETAILS ON THE PLANS SHALL BE FURNISHED, INSTALLED, CONNECTED, AND TESTED AS NEEDED. 2. ADDITIONALLY, THE SCOPE OF WORK SHALL INCLUDE: 2.1. APPLICATION FOR TEMPORARY AND PERMANENT ELECTRICAL SERVICE, PERMITTING, INSPECTION, AND PAYMENT OF ALL ASSOCIATED FEES. 2.2. TESTING AND COMMISSIONING OF ELECTRICAL SYSTEMS. 2.3. EQUIPMENT RENTAL. 2.4. TEMPORARY CONSTRUCTION POWER AND LIGHTING. 2.5. PROVISIONS FOR MAINTAINING THE FUNCTIONALITY OF EXISTING TO REMAIN BUILDING COMMUNICATIONS, FIRE ALARM, SECURITY/ACCESS CONTROL, PUBLIC ADDRESS, AND BELL SYSTEMS THAT WILL BE AFFECTED BY THE WORK. 2.6. SHORT CIRCUIT COORDINATION STUDY AND ARC FLASH HAZARD ANALYSIS WITH CALCULATED LABELS PER NFPA 70E. SUBMITTALS 1. PRODUCT DATA: SUBMIT CATALOG DATA SHOWING MANUFACTURER'S NAME AND CONTACT INFORMATION, ALL STANDARD FEATURES, AMPERAGE, VOLTAGE, AIC RATINGS, DIMENSIONS, WEIGHTS, LISTINGS & PRODUCT LABELS, MATERIAL TYPES, FINISHES AND CLEARLY INDICATING WHICH OPTIONAL FEATURES WILL BE PROVIDED. 1.1. WHERE MULTIPLE SIZES ARE LISTED, INDICATE SIZES TO BE USED. 1.2. WHERE MULTIPLE PRODUCTS ARE SHOWN ON THE SAME PAGE, INDICATE WHICH PRODUCTS TO BE USED. 2. SHOP DRAWINGS (WHERE APPLICABLE): MANUFACTURER OR CONTRACTOR PREPARED DRAWINGS SHOWING ALL RELEVANT DIMENSIONS, WEIGHTS, ELECTRICAL & MECHANICAL CONNECTION REQUIREMENTS, CONDUIT ENTRY POINTS, ASSEMBLY REQUIREMENTS, LIFTING REQUIREMENTS, LIFTING POINTS, REQUIRED CLEARANCES, INCLUDE PLAN VIEWS & ELEVATIONS. 2.1. INCLUDE ALL RELEVANT ELECTRICAL DIAGRAMS INCLUDING SCHEMATIC AND INTERCONNECTION DIAGRAMS FOR POWER, SIGNAL, AND CONTROL WIRING. COORDINATION 1. ALL POWER OUTAGES SHALL BE COORDINATED IN WRITING WITH OWNER SEVEN (7) BUSINESS DAYS (MIN) PRIOR TO THE OUTAGE. 2. COOPERATE FULLY WITH THE OWNER OR THEIR REPRESENTATIVE DURING CONSTRUCTION OPERATIONS TO MINIMIZE CONFLICTS AND TO FACILITATE OWNER USAGE SO AS NOT TO INTERFERE WITH THE OWNER'S OPERATIONS. 3. THE DRAWINGS ARE DIAGRAMMATIC. THEY DO NOT SHOW SWITCHES, POWER AND DATA OUTLETS, SPECIAL SYSTEMS COMPONENTS (FA, ACCESS CONTROL, AV, ETC), ELECTRICAL EQUIPMENT, EQUIPMENT CONNECTIONS, REQUIRED RACEWAY, ETC. IN THEIR EXACT DIMENSIONED LOCATIONS. THE CONTRACTOR MUST CAREFULLY REVIEW THE ARCHITECTURAL, STRUCTURAL MECHANICAL, PLUMBING, FIRE PROTECTION, AND SPECIAL SYSTEMS PLANS TO IDENTIFY CONFLICTS AND AREAS THAT REQUIRE COORDINATION. 4. COORDINATE ELECTRICAL AND SPECIAL SYSTEMS EQUIPMENT ROUGH-IN WITH FURNITURE, MILLWORK, SIGNS, MECHANICAL AND PLUMBING SYSTEMS, SPRINKLER SYSTEMS, ARCHITECTURAL AND STRUCTURAL ELEMENTS, AND THE OWNER'S REPRESENTATIVE. MINOR CHANGES IN ELECTRICAL EQUIPMENT LOCATIONS AND LAYOUT THAT ARE REQUIRED BY SITE CONDITIONS OR ORDERED BY THE DESIGN TEAM PRIOR TO PERFORMANCE OF WORK SHALL BE MADE BY THE CONTRACTOR WITHOUT ADDITIONAL CHARGES TO THE OWNER. 5. MAINTAIN REQUIRED NEC WORKING SPACE AND DEDICATED EQUIPMENT SPACE AROUND ALL ELECTRICAL EQUIPMENT, CONTROLS PANELS, ETC THAT ARE SUBJECT TO MAINTENANCE, TESTING, OR USER INTERFACE. COORDINATE WITH OTHER TRADES. IF CLEARANCE CANNOT BE PROVIDED, THE CONTRACTOR SHALL NOTIFY THE ENGINEER PRIOR TO ROUGH-IN. 6. COORDINATE COLOR SELECTIONS FOR LUMINAIRES AND ALL DEVICE PLATES WITH ARCHITECT. 7. COORDINATE POWER REQUIREMENTS FOR HVAC CONTROLS, FIRE ALARM, SECURITY, AND OTHER SPECIAL SYSTEMS TO MAKE SURE THAT ALL WORK IS COVERED IN THE BID.
QUALIFICATIONS 1. MANUFACTURER: COMPANY SPECIALIZING IN MANUFACTURING PRODUCTS SHOWN ON THE CONSTRUCTION DOCUMENTS WITH MINIMUM THREE YEARS DOCUMENTED EXPERIENCE. 2. INSTALLER: A STATE LICENSED ELECTRICIAN WITH DOCUMENTED EXPERIENCE INSTALLING ALL EQUIPMENT SPECIFIED HERE IN SHALL DIRECTLY SUPERVISE ALL WORK. WHERE NOTED IN THE SPECIFICATIONS, REQUIRED BY CODE, OR REQUIRED BY THE MANUFACTURER, INSTALLER SHALL BE A MANUFACTURER TRAINED AND/OR CERTIFIED INSTALLER OF THE SPECIFIC PRODUCT TO BE INSTALLED. 3. WHERE TESTING IS REQUIRED BY THE CONSTRUCTION DOCUMENTS, EQUIPMENT MANUFACTURER, OR CODE; TESTING SHALL BE PERFORMED BY AN AGENCY WITH DOCUMENTED EXPERIENCE AND PROPERLY CALIBRATED, FULLY FUNCTIONING EQUIPMENT, THAT IS A MEMBER OF THE INTERNATIONAL ELECTRICAL TESTING ASSOCIATION, MANUFACTURER CERTIFIED, OR IS A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), AND IS ACCEPTABLE TO THE AUTHORITY HAVING JURISDICTION. QUALITY ASSURANCE 1. UNLESS OTHERWISE APPROVED, ALL EQUIPMENT SHALL BE NEW, PROPERLY DESIGNED, FROM A REPUTABLE MANUFACTURER MEETING THE SPECIFICATION QUALIFICATIONS, IN COMPLIANCE WITH THE SPECIFICATION REQUIREMENTS, AND IN FULL WORKING ORDER. 2. WHERE TWO OR MORE ITEMS OF THE SAME CLASS OF EQUIPMENT ARE REQUIRED, THESE ITEMS SHALL BE PRODUCTS OF A SINGLE MANUFACTURER; HOWEVER, THE COMPONENT PARTS OF THE ITEM NEED NOT BE THE PRODUCTS OF THE SAME MANUFACTURER UNLESS STATED IN THE TECHNICAL SECTION. 3. LISTING AND LABELING: WHERE REQUIRED, ALL ELECTRICAL COMPONENTS, DEVICES, AND ACCESSORIES SHALL BE LISTED AND LABELED AS DEFINED IN NFPA 70, ARTICLE 100, BY A TESTING AGENCY ACCEPTABLE TO AUTHORITIES HAVING JURISDICTION AND MARKED FOR THE INTENDED USE. TESTING AGENCY SHALL BE UL UNLESS NOTED OTHERWISE OR PRE-APPROVED BY OWNER AND AHJ. 4. ALL EQUIPMENT USED FOR TESTING SHALL BE IN FULL WORKING ORDER AND CALIBRATED PER THE MANUFACTURER'S RECOMMENDATIONS. DELIVERY AND STORAGE 1. STORE ALL ELECTRICAL/SPECIAL SYSTEMS EQUIPMENT/MATERIALS IN CLEAN, DRY SPACE LOCATED ABOVE GRADE. PROTECT FROM DIRT, WATER, CONSTRUCTION DEBRIS, TRAFFIC, FREEZE, AND DETERIORATION FROM SUN LIGHT. 2. MAINTAIN FACTORY WRAPPING OR PROVIDE APPROPRIATE COVER FOR ALL LARGE ELECTRICAL EQUIPMENT. FOLLOW ALL MANUFACTURER RECOMMENDATIONS FOR HUMIDITY AND MAX/MIN TEMPERATURES FOR STORING ELECTRICAL EQUIPMENT. IDENTIFICATION 1. PROVIDE APPROPRIATE LABELS AND WARNING SIGNS FOR ALL EQUIPMENT, WIRING DEVICES, CONDUCTORS, CABLES, BOX, AND ENCLOSURES. PROVIDE BURIED DETECTABLE WARNING TAPE FOR UNDERGROUND CONDUITS. 2. CONDUCTOR TAGGING: TAG ALL CONDUCTORS AT MOTOR CONTROLS, PANELS, TERMINAL CABINETS AND JUNCTION BOXES. TAG CIRCUITS WHICH PASS THROUGH OTHER DEVICES SUCH AS LIGHTING CONTACTORS. 3. PROVIDE A TYPED PANEL DIRECTORY FOR EACH PANEL PROVIDED OR MODIFIED FOR THIS PROJECT. DIRECTORY SHALL IDENTIFY THE CIRCUIT NUMBER, LOADS SERVED, AND LOCATION OF LOADS BY ROOM NUMBER. MOUNT ON INSIDE OF EACH PANEL AND FILE THEM WITH THE OWNER WHEN THE WORK IS COMPLETED. 4. PROVIDE EACH PANEL WITH A MANUFACTURER PREPARED ARC FLASH HAZARD WARNING LABEL. 5. ALL ELECTRICAL EQUIPMENT SHALL BE IDENTIFIED BY MEANS OF 3"x1" (MIN)NAMEPLATES PERMANENTLY ATTACHED TO THE EQUIPMENT, PLATES SHALL BE METAL, PLASTIC, OR SIMILAR, BLACK WITH 1/4" (MIN) ENGRAVED WHITE LETTERS. 6. JUNCTION AND PULL BOXES SHALL BE LABELED WITH PANEL NAME, CIRCUIT #, AND VOLTAGE. 7. RECEPTACLES SHALL BE LABELED WITH THE PANEL NAME AND CIRCUIT #. USE WHITE LABELS WITH BLACK TEXT. RECEPTACLES IN LOBBIES AND OTHER "HIGH END" AREAS SHALL BE LABELED BEHIND THE FACEPLATE. 8. FIRE ALARM, EMERGENCY/CRITICAL PWR, LIFE SAFETY LABELS, INCLUDING RECEPTACLES, SHALL BE COLOR CODED & ENGRAVED. INSTALLATION: GENERAL REQUIREMENTS 1. THE CONTRACTOR SHALL PROVIDE CONCRETE HOUSEKEEPING PADS FOR ALL FLOOR MOUNTED ELECTRICAL EQUIPMENT. THE CONCRETE SHALL PROTRUDE 3" PAST THE EDGE OF THE ELECTRICAL EQUIPMENT ON ALL SIDES. THE CONCRETE PAD SHALL BE 6" TALL AND CONTAIN A 1/2" CHAMFER ON ALL SIDES. PROVIDE A MINIMUM OF 3000 PSI CONCRETE AND #4 REBAR. 2. ALL TERMINALS, LUGS AND BUS JOINTS SHALL BE TIGHTENED PER THE MANUFACTURER'S TORQUE RECOMMENDATIONS. 3. NO FOREIGN SYSTEMS SUCH AS PIPING, DUCT WORK, ETC SHALL BE INSTALLED ABOVE ELECTRICAL EQUIPMENT. 4. PROVIDE SLEEVES FOR PENETRATIONS THROUGH WALLS/FLOORS. SEAL ALL OPENINGS. USE FIRE-RATED SEALANT FOR OPENINGS IN RATED WALLS. 5. PERFORM GROUND PENETRATING RADAR SCAN BEFORE CUTTING EXISTING STRUCTURES. COORDINATE LOCATIONS WITH STRUCTURAL ENGINEER/ARCHITECT. CONDUCTORS AND CABLES 1. ALL BUILDING WIRING SHALL BE INSULATED COPPER CONDUCTORS RUN FROM LOAD TO SOURCE INSIDE RACEWAY, CONTINUOUS (WITHOUT SPLICES) BETWEEN JUNCTION AND PULL BOXES, AND EXPOSED INSIDE PANELS ONLY. 2. ALL SINGLE POLE CIRCUITS SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR ROUTED TO THE SOURCE PANEL. 3. FIELD VERIFY WHETHER A NEUTRAL IS REQUIRED FOR ALL TWO AND THREE POLE CIRCUITS. FOR ALL LOADS EXCEPT MOTORS, A NEUTRAL IS ASSUMED TO BE REQUIRED UNLESS FIELD DETERMINED TO BE UNNECESSARY. 4. ALL POWER & CONTROL WIRING ROUTED THROUGH RETURN AIR PLENUMS SHALL BE PLENUM RATED. 5. UP TO 3-20A CIRCUITS MAY SHARE A RACEWAY FOR HOMERUNS WHERE SUITABLE & PER NEC CONDUIT FILL RULES. 6. 120V, 20A, HOME RUNS LONGER THAN 100' AND 277V, 20A, HOME RUNS LONGER THAN 150' SHALL BE #10 MIN. GROUNDING AND BONDING 1. ALL RACEWAYS AND CIRCUITS SHALL BE PROVIDED WITH A NEC 250 COMPLIANT GREEN GROUND CONDUCTOR. 2. ALL EQUIPMENT SHALL BE PROPERLY BONDED. 3. UPON COMPLETION OF THE WORK, ALL PARTS OF THE ELECTRICAL INSTALLATION SHALL BE MEGGER TESTED AND PROVED TO BE FREE OF UNWANTED GROUNDS AND OTHER DEFECTS. 4. AT A MINIMUM, A GROUNDING ELECTRODE CONDUCTOR, SIZED PER NEC ARTICLE 250, SHALL BE CONNECTED FROM THE GROUND BUS OF THE SERVICE ENTRANCE DISCONNECT TO A 3/4"x10' COPPER CLAD STEEL GROUND ROD, TO THE BUILDING METAL COLD WATER AND GAS PIPING AT THE POINT OF ENTRANCE INTO THE BUILDING, STRUCTURAL STEEL, AND 20' OF BARE COPPER ENCASED IN THE SLAB. ADDITIONAL GROUNDING REQUIREMENTS MAY BE SPECIFIED ON THE PLANS OR IN THE SPECIFICATIONS. 5. ROUTING OF GROUNDING ELECTRODE CONDUCTORS SHALL BE IN METAL CONDUIT IN ALL LOCATIONS THAT ARE SUBJECT TO PHYSICAL ABUSE OR ENVIRONMENTAL DETERIORATION SUCH AS EXTERIOR MOUNTED, EXPOSED BELOW LAY IN CEILING, ETC. 6. PROVIDE A #4 GROUND FROM THE SERVICE ENTRANCE GROUND BUS TO ALL TELEPHONE SERVICE BOARDS AND COMMUNICATIONS EQUIPMENT ROOMS AND TERMINATE AT A GROUND BUS. HANGERS AND SUPPORTS 1. SUPPORT RACEWAYS USING GALVANIZED STEEL OR MALLEABLE IRON STRAPS; CHANNEL OR PIPE CLAMPS AS APPROPRIATE. 2. PROVIDE SUPPORTS AT ALL BOXES, ELEC. EQUIP., LOADS, & AT CODE REQUIRED INTERVALS ALONG RACEWAYS. 3. GROUP RELATED RACEWAYS AND SUPPORT USING STEEL CHANNEL CONDUIT RACKS WITH 25% SPARE CAPACITY. 4. SUPPORT LTG, ELEC. EQUIP., RACEWAYS/BOXES, ETC. INDEPENDENTLY. DO NOT USE CEILING SUPPORT WIRES, PIPING SYSTEMS, ETC.

west elm

WE COCONUT POINT
REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



Michael Gath
2026.04.17 12:44:36-05'00'

Delta	Issue	Description	Date
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EEA

7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521
Job No. Scale

ELECTRICAL
GENERAL NOTES

Title

E-003

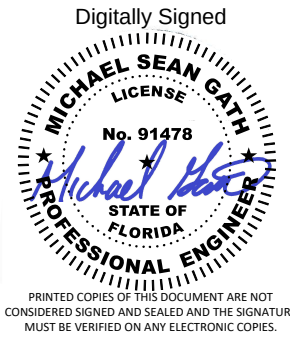
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RACEWAY AND BOXES 1. PROVIDE COMPLETE RACEWAY SYSTEMS FROM SOURCE TO ALL LOADS WITH DEDICATED SUPPORTS FOR EACH RACEWAY ELEMENT. 2. PROVIDE ALL REQUIRED BOXES & SUPPORTS FOR WIRING DEVICES, TELECOMMUNICATIONS, FIRE ALARM, ACCESS CONTROL, CONTROLS EQUIPMENT, ALARMS, SENSORS, ETC. 3. PROVIDE PULL BOXES AT APPROPRIATE LOCATIONS FOR ALL POWER AND SPECIAL SYSTEMS RACEWAYS WHETHER SHOWN ON PLANS OR NOT. INSTALL IN CONCEALED, ACCESSIBLE LOCATIONS. 4. DO NOT INSTALL RACEWAY WITH MORE THAN THE EQUIVALENT OF THREE NINETY DEGREE BENDS BETWEEN PULL POINTS. 5. THE CONDUIT ROUTING SHOWN ON THESE PLANS IS DIAGRAMMATIC. 6. COORDINATE INTERIOR ROUTING WITH OTHER TRADES; STRUCTURE; NEW AND EXISTING UTILITIES, DUCTWORK, PIPING; AND OTHER EXISTING CONDITIONS AS REQUIRED FOR A COMPLETE, CONFLICT FREE INSTALLATION. 7. COORDINATE SITE ROUTING WITH OTHER TRADES; STRUCTURE; NEW AND EXISTING BURIED UTILITIES, PAVED AREAS, CONDUIT SLEEVES, AND LANDSCAPING BEFORE DIGGING TO AVOID CONFLICTS, DAMAGE, AND TO ALLOW FOR FUTURE INSTALLATIONS. 8. ROUTE RACEWAYS PARALLEL AND PERPENDICULAR TO WALLS, FLOORS, AND CEILINGS. 9. ROUTE EXPOSED CONDUIT PARALLEL AND TIGHT TO STRUCTURAL ELEMENTS. FOLLOW ALL SURFACE CONTOURS; DO NOT ROUTE IN FREE AIR FROM POINT TO POINT. 10. INSTALL RACEWAYS SO THAT IT DRAINS TO JUNCTION AND PULL BOXES TO AVOID MOISTURE TRAPS AT LOW POINTS; INSTALL JUNCTION BOX WITH DRAIN FITTING AT LOW POINTS IN CONDUIT SYSTEM. 11. INSTALL FITTINGS TO ACCOMMODATE EXPANSION AND DEFLECTION WHERE RACEWAY CROSSES SEISMIC, CONTROL, AND EXPANSION JOINTS. 12. INSTALL SUITABLE PULL STRING OR CORD IN EACH EMPTY RACEWAY, LABEL, AND CAP. 13. CLOSE ENDS AND UNUSED OPENINGS IN SURFACE RACEWAYS, WIREWAY, BOXES, AND ENCLOSURES. 14. WHERE POSSIBLE, ALL CONDUIT ROUTED THROUGH ROOF STRUCTURE SHALL SHARE COMMON PENETRATIONS AS MECHANICAL DUCTWORK OR PIPING. COORDINATE WITH MECHANICAL CONTRACTOR. 15. ALL ROOF AND WALL PENETRATIONS SHALL BE FLASHED AND SEALED TO MAINTAIN THE FIRE RATING AND WATERPROOFING OF THE STRUCTURE PER THE MANUFACTURER OF THE MATERIAL'S RECOMMENDED PRACTICES. 16. USE MULTI-GANG BOXES IN ALL POSSIBLE LOCATIONS. 17. PAINT EXPOSED RACEWAYS AND BOXES TO MATCH THE SURFACE TO WHICH THEY ARE ATTACHED. 18. ALL CONDUIT SHALL HAVE AN NEC COMPLIANT GROUND AND AN INSULATED THROAT BUSHING IN PLACE FOR PULLING CONDUCTORS. 19. ALL CONNECTIONS TO MOTORS, INSTRUMENTS, MACHINES, AND EQUIPMENT SUBJECT TO MOVEMENT OR VIBRATION SHALL BE MADE USING LIQUID-TIGHT, FLEXIBLE METAL CONDUIT (LFMC), (3FT MAX). WIRING DEVICES 1. DUPLEX RECEPTACLES MOUNTED ON OPPOSITE SIDES OF A COMMON WALLS SHALL BE A MINIMUM OF 12" APART. (NO BACK TO BACK OUTLETS) TO REDUCE NOISE TRANSFER, JUNCTION BOXES IN ADJACENT ROOMS SHALL NOT BE INSTALLED IN THE SAME WALL CAVITY. SEPARATE ALL JUNCTION BOXES BY AT LEAST ONE FRAMING MEMBER. 2. PROVIDE GFI RECEPTACLES & DIMMERS WITH DEDICATED NEUTRALS INDEPENDENT OF OTHER LOADS ON THE CIRCUIT. ENCLOSED SWITCHES AND CONTACTORS 1. TO FACILITATE SAFE REPAIR AND REPLACEMENT OF EQUIPMENT, PROVIDE ALL STARTERS AND DISCONNECTS WITH LOTO PROVISIONS. 2. MOUNT STARTERS AND DISCONNECTS SERVING HVAC EQUIPMENT TO STRUCTURE ADJACENT TO EQUIPMENT SERVED RATHER THAN MOUNTING DIRECTLY TO THE EQUIPMENT. THIS INCLUDES U-CHANNEL SUPPORT AND 120V MAINTENANCE RECEPTACLE FOR ROOF MOUNTED EQUIPMENT. PROVIDE WORKING SPACE PER NEC REQUIREMENTS. LIGHTING 1. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LIGHT FIXTURE LOCATIONS AND QUANTITIES. 2. EXAMINE THE AREA OF INSTALLATION TO VERIFY ADEQUATE SPACE AND MOUNTING PROVISIONS ARE PROVIDED FOR THE SPECIFIED LUMINAIRE PRIOR TO ORDERING LUMINAIRES. 3. VERIFY THAT LUMINAIRES WILL NOT INTERFERE WITH REQUIRED CLEARANCES FOR EQUIPMENT INCLUDING FILTER PULL SPACE, NEC WORKING SPACE IN FRONT OF DISCONNECTS, CONTROL PANELS, ETC. 4. COORDINATE EXIT LIGHT LOCATIONS WITH STRUCTURE AND BUILDING SYSTEMS TO INSURE EXIT SIGNS ARE VISIBLE. 5. PROVIDE GROUND WIRE AND ONE NEUTRAL CONDUCTOR PER CIRCUIT IN ALL LIGHTING CONDUIT. 6. LABEL ALL CIRCUIT BREAKERS SERVING EMERGENCY LIGHTING. 7. UNO, ALL EXIT SIGNS, EMERGENCY EGRESS PATHWAY LIGHT FIXTURES, LIGHTS NOTED "YE", AND LIGHTS SHOWN CROSS HATCHED SHALL BE CONNECTED TO THE SWITCHED AREA LIGHTING CIRCUIT FOR NORMAL OPERATION AND AN UNSWITCHED CIRCUIT FROM THE SAME OCPD TO AUTOMATICALLY CONTROL POWER TRANSFER TO AN INTEGRAL BATTERY PACK FOR 90 MINUTES OF EMERGENCY OPERATION WHEN LOSS OF NORMAL POWER IS SENSED ON THE UNSWITCHED CIRCUIT. PROVIDE A BATTERY STATUS INDICATOR MOUNTED IN A VISIBLE LOCATION. 8. INSTALL FIXTURES PLUMB, SQUARE AND LEVEL WITH CEILINGS AND WALLS AND SECURE FIXTURES PER MANUFACTURER'S PRINTED INSTRUCTIONS. 9. ADJUST AIMABLE FIXTURES, CLEAN, AND PROVIDED ALL FIXTURES WITH LAMPS PRIOR TO OWNER OCCUPANCY. 10. U.N.O., LIGHTING SWITCHES IN ROOMS SHALL CONTROL ONLY FIXTURES IN THAT ROOM. 11. WHEN MORE THAN ONE(1) LIGHTING SWITCH IS SHOWN AT A LOCATION THEY SHALL BE GANGED TOGETHER. 12. LUMINAIRE WHIPS MAY BE FMC, 6FT MAX. SECURE TO STRUCTURE USING LISTED SUPPORTS. LIGHTING CONTROL REQUIREMENTS 1. OCCUPANCY SENSOR OFF DELAY SHALL BE SET BY EC AT END OF PROJECT TO 15 MINUTES. AMBIENT LIGHT OVERRIDE SHALL BE SET SUCH THAT THE LUMINAIRES ARE SWITCHED OFF WHEN APPROPRIATE FC LEVEL IS MEASURED ON THE FLOOR (REGARDLESS OF THE FOOTCANDLES MEASURED AT THE OCCUPANCY SENSOR). 2. INSTALL DIMMER SWITCHES ON THE LOAD SIDE OF OCCUPANCY SENSORS AND OTHER CONTROLS. 3. ALL EXTERIOR LIGHTING SHALL BE CONTROLLED AUTOMATICALLY. PROVIDE LIGHTING CONTACTOR TO CONTROL ALL EXTERIOR LIGHTING CIRCUITS BY A SINGLE PHOTOCELL AND/OR ASTRONOMICAL TIME CLOCK WITH HOLIDAY PROGRAMING. PHOTOCELL SHOULD BE ROOF MOUNTED. COORDINATE MOUNTING LOCATION WITH ARCHITECT. 4. ALL LUMINAIRES IN ROOMS WITH BI OR DUAL LEVEL SWITCHING SHALL BE PROVIDED WITH MULTIPLE OR MULTILEVEL BALLASTS AND WIRED TO ALLOW FOR EVENLY REDUCED ILLUMINATION THROUGHOUT THE SPACE. UNO, SWITCH "a" SHALL CONTROL THE OUTER LAMPS IN THE FIXTURES; SWITCH "b" SHALL CONTROL THE INNER LAMPS IN THE FIXTURES.	PRODUCT SPECIFICATIONS: GENERAL REQUIREMENTS 1. COMPLIANCE WITH THE REQUIREMENTS OF THE CONTRACT DOCUMENTS SHALL NOT RELIEVE THE CONTRACTOR OF THE RESPONSIBILITY OF PROVIDING EQUIPMENT THAT IS NEW, PROPERLY DESIGNED, FROM A REPUTABLE MANUFACTURER, AND IN FULL WORKING ORDER. 2. IF CONFLICTS BETWEEN THE SPECIFICATIONS AND DRAWINGS OCCUR, THE HIGHER QUALITY OR QUANTITY SHALL BE PROVIDED AND INSTALLED. WHEN CONFLICTS EXIST, CONTRACTOR SHALL PROVIDE A WRITTEN REQUEST FOR CLARIFICATION FROM THE ENGINEER. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY ADDITIONAL EXPENSES INCURRED AS A RESULT OF THE CONTRACTOR'S FAILURE TO OBTAIN CLARIFICATION. 3. ALL ELECTRICAL EQUIPMENT ENCLOSURES SHALL BE 16 GAUGE SHEET METAL (MIN). PROVIDED WITH MANUFACTURER'S CORROSION RESISTANT PAINT SYSTEM, PROVIDED WITH CONTINUOUSLY HINGED, LATCHING DOORS (UNO). 4. EQUIPMENT TO BE INSTALLED OUTDOORS SHALL HAVE NEMA 3R ENCLOSURES MIN. EQUIPMENT IN CORROSIVE OR HAZARDOUS ENVIRONMENTS SHALL BE RATED FOR THE INTENDED USE. 5. CONDUCTORS AND CABLES SHALL BE THINWTHWN SOFT DRAWN, STRANDED COPPER, XHHW FOR UG, USE SOLID COPPER FOR #10 & SMALLER, MIN SIZE #12. 6. FULLY ENCLOSED RACEWAYS AND BOXES REQUIRED FOR ALL WIRING. TYPE REQUIRED IS BY LOCATION. DRY-TYPE DISTRIBUTION TRANSFORMERS 1. 15KVA AND LARGER SHALL CONFORM TO 2016 DEPARTMENT OF ENERGY MINIMUM REQUIREMENTS. 2. PROVIDE CONCRETE PAD AND VIBRATION ISOLATION PADS. PANELBOARDS 1. PROVIDE ALL PANELS WITH COPPER PHASE, NEUTRAL, GROUND BUSES; 42 PROVISIONS BREAKER MOUNTING SPACES (MIN). 2. ALL BRANCH CIRCUIT BREAKERS SHALL BE BOLT ON TYPE THERMAL MAGNETIC WITH COMMON TRIP HANDLE FOR MULTIPLE POLES, HACR RATED FOR MECHANICAL LOADS. 3. PROVIDE ADJUSTABLE TRIP SETTINGS FOR DISTRIBUTION BREAKERS. UNO: LI 600 TO 900A, LSIG 1000A & ABOVE. 4. PROVIDE CONTINUOUSLY HINGED DOOR AND FRONT COVER, LATCH AND KEY LOCK, METAL DIRECTORY FRAME. SWITCHBOARDS 1. ALL SWITCHBOARDS SHALL BE NEMA PB2, FREE STANDING, DEAD FRONT, ENCLOSED SWITCHBOARD WITH ELECTRICAL RATINGS SHOWN ON THE DRAWINGS. ALL VERTICAL SECTIONS SHALL BE BOLTED TOGETHER TO FORM ONE ASSEMBLY. MAIN CIRCUIT BREAKER SHALL BE INDIVIDUALLY MOUNTED WITH GROUP MOUNTED DISTRIBUTION. MAIN BUS SHALL HAVE FULL CAPACITY THROUGH EACH SECTION. 2. BUS SHALL BE SILVER PLATED COPPER WITH FULLY INSULATED LOAD SIDE BUS BARS AND FULLY RATED NEUTRAL. GROUND BUS SHALL EXTEND THE LENGTH OF THE SWITCHBOARD. 3. PROVIDE ADJUSTABLE TRIP SETTINGS FOR MAIN AND DISTRIBUTION BREAKERS. UNO: LI 600 TO 1000A, LSIG AND ARC REDUCING MAINTENANCE SWITCH FOR 1200A & ABOVE. WIRING DEVICES 1. WIRING DEVICES SHALL BE COMMERCIAL GRADE (MIN), GROUNDING, AND RATED FOR LOAD (20A MIN). NOTE THAT SOME LOCATIONS REQUIRE WEATHER RATED, INDUSTRIAL OR HEAVY DUTY, AND HOSPITAL GRADE DEVICES. 2. SURFACE MOUNTED RACEWAY FOR RECEPTACLES AND DATA OUTLETS SHALL BE DUAL CHANNEL, METAL RACEWAYS, TWO PIECE DESIGN WITH METAL BASE AND SNAP-ON METAL COVER. ASSEMBLED BASE AND COVER SHALL BE A MINIMUM OF 4" WIDE BY 1.5" DEEP. DEVICE BRACKETS AND COVER PLATES THAT WILL ACCEPT DUPLEX RECEPTACLES AND STANDARD DATA JACK MOUNTING PLATES WITHOUT FIELD CUTTING MUST BE AVAILABLE FROM THE RACEWAY MANUFACTURER. ENCLOSED SWITCHES AND CONTACTORS 1. DISCONNECTS SHALL BE QUICK MAKE/BREAK LOAD INTERRUPTING KNIFE SWITCHES WITH EXTERNAL HANDLE LOCKABLE IN ON AND OFF POSITIONS, FULLY HINGED DOOR THAT IS LOCKED WHEN ENERGIZED AND PROVIDED WITH A DEFEATER MECHANISM TO OPEN ENCLOSURE WHEN ENERGIZED. 2. ENCLOSED MOTOR STARTERS SHALL HAVE REMOTE START SIGNAL INPUT, FULL SIZED OVERLOADS, CONTROL XFMR WITH PRIMARY & SECONDARY FUSING, HAND-OFF-AUTO SELECTOR SWITCH, (2) NORMALLY OPEN AND (2) NORMALLY CLOSED AUX. DRY CONTACTS. COORDINATE CPT VOLTAGE WITH CONTRACTOR PROVIDING EQUIPMENT TO BE CONTROLLED. LIGHTING 1. ALL LIGHT FIXTURES/LAMPS SHALL BE UL LISTED AND CONFORM TO ALL APPLICABLE UL, ANSI AND NFPA STANDARDS. 2. REFER TO LUMINAIRE SCHEDULE FOR FIXTURE, BALLAST, AND LAMP SPECIFICATIONS. SUBSTITUTIONS SHOULD BE APPROVED PRIOR TO BID.
	RACEWAY AND BOX SPECIFICATIONS BY LOCATION: GENERAL REQUIREMENTS 1. PROVIDE RACEWAY AND BOXES AS SPECIFIED BELOW FOR POWER, LIGHTING, COMMUNICATIONS, FIRE ALARM, ACCESS CONTROL/SECURITY, CONTROLS, AND OTHER SPECIAL SYSTEMS. 2. PROVIDE RACEWAY AND BOXES FOR ALL EQUIPMENT; LIGHTING; WIRING DEVICES; COMMUNICATIONS EQUIPMENT AND OUTLETS; FIRE ALARM EQUIPMENT, APPLIANCES, AND DEVICES; ACCESS CONTROL/SECURITY POINTS; CONTROL POINTS, AND OTHER SPECIAL SYSTEMS SHOWN ON PLANS. 3. PROVIDE RACEWAY BOXES AT OTHER LOCATIONS AS REQUIRED FOR SPLICES, TAPS, WIRE PULLING, EQUIPMENT CONNECTIONS, AND COMPLIANCE WITH REGULATORY REQUIREMENTS. RACEWAY AND BOXES ARE SHOWN IN APPROXIMATE LOCATIONS UNLESS DIMENSIONED. PROVIDE RACEWAY TO COMPLETE WIRING SYSTEM. 4. PROVIDE COMPRESSION CONNECTIONS FOR ALL METAL RACEWAYS. UNDERGROUND: 1. PROVIDE WRAPPED RIGID STEEL CONDUIT WHERE ENTERING/EXITING SLABS OR GRADE; FOR ELBOWS 1" AND LARGER. 2. PROVIDE THICKWALL NONMETALLIC CONDUIT FOR STRAIGHT RUNS THAT ARE BURIED AND/OR IN CONCRETE. 3. PROVIDE CAST METAL BOXES OR POLYMER CONCRETE BOXES. COORDINATE WITH ENGINEER. 4. PROVIDE BOXES FOR UTILITY SERVICE CONDUIT OR CABLING PER UTILITY PROVIDER'S SPECIFICATIONS. 5. NONMETALLIC HANDHOLES MAY BE USED FOR SITE LIGHTING AND CONTROLS CIRCUITS. 6. PROVIDE RIGID STEEL CONDUIT WITHIN 5 FT OF BUILDING FOUNDATION. IN CONCRETE 1. PROVIDE WRAPPED RIGID STEEL CONDUIT WHERE ENTERING OR EXITING CONCRETE; FOR ELBOWS 1" AND LARGER. 2. PROVIDE THICKWALL NONMETALLIC CONDUIT FOR STRAIGHT RUNS IN CONCRETE. 3. PROVIDE CAST METAL BOXES. NONMETALLIC MAY BE USED ONLY WITH ENGINEER APPROVAL. 4. USE CONCRETE TIGHT, MASONRY RATED BOXES AND FITTINGS WHERE INSTALLED IN CONCRETE, STONE, BRICK, CMU. EXTERIOR ABOVE GRADE AND WET/DAMP INTERIOR LOCATIONS: 1. PROVIDE RIGID STEEL CONDUIT AND FITTINGS. 2. PROVIDE CAST METAL OUTLET, JUNCTION, AND PULL BOXES, GASKETED, RATED NEMA 3R MIN. CONCEALED DRY INTERIOR LOCATIONS: 1. PROVIDE RIGID STEEL CONDUIT, INTERMEDIATE METAL CONDUIT, OR ELECTRICAL METALLIC TUBING. 2. PROVIDE SHEET-METAL BOXES. EXPOSED DRY INTERIOR LOCATIONS: 1. PROVIDE RIGID STEEL CONDUIT BELOW 10 FT, AND RIGID STEEL, INTERMEDIATE METAL, OR ELECTRICAL METALLIC TUBING ABOVE 10 FT. MECHANICAL ROOMS & INDUSTRIAL FACILITIES: 1. PROVIDE RIGID STEEL CONDUIT THROUGHOUT.

west elm

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REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



Michael Gath
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Delta	Issue	Description	Date
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EEA

7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521
Job No. Scale

ELECTRICAL
GENERAL NOTES

Title
E-004
Sheet

LIGHTING GENERAL NOTES:

1.

REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LIGHT FIXTURE AND TRACK LOCATIONS.
2.

ALL NIGHT LIGHTS AND EMERGENCY LIGHTS SHALL BE UNSWITCHED.
3.

20A, 120V RECEPTACLE AND LIGHTING CIRCUIT CONDUCTORS OVER 75 FT. LONG SHALL BE #10 AWG. CONDUCTORS IN LIEU OF #12 AWG.
4.

ALL LIGHT FIXTURES, EXCEPT THE EXIT SIGNS, SHALL BE FURNISHED BY THE OWNER FOR INSTALLATION BY THE ELECTRICAL CONTRACTOR. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL LIGHT FIXTURES. THIS SHALL INCLUDE, BUT IS NOT LIMITED TO, PROVIDING ALL SUPPORTS, CLIPS, POWER CONNECTIONS, AND SEISMIC BRACING AS REQUIRED BY THE JURISDICTION.
5.

THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL EXIT SIGNS REQUIRED FOR THIS PROJECT. THIS SHALL INCLUDE ALL EXIT SIGNS SHOWN ON THE PLANS, ALL ADDITIONAL EXIT SIGNS THAT MAY BE REQUIRED BY THE JURISDICTION, NOT SHOWN ON THE PLANS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING WITH THE JURISDICTION, THE REQUIRED LENS COLOR FOR EXIT SIGNS AND THE REQUIRED QUANTITY AND LOCATION FOR EXIT SIGNS.
6.

INSTALL EXIT SIGNS OVER DOORWAYS TO MAINTAIN 4 "SPACING BETWEEN BOTTOM OF SIGN AND TOP OF JAMB, OR AT THE DIRECTION OF THE FIRE DISTRICT.
7.

ELECTRICAL CONTRACTOR SHALL FULLY COORDINATE AND ADJUST THE LIGHT FIXTURE INSTALLATION SCHEDULE AS REQUIRED TO ACCOMMODATE THE DATE OF DELIVERY OF THE OWNER FURNISHED LIGHT FIXTURES. CONTRACTOR SHALL IMMEDIATELY IDENTIFY AND REPORT ANY SHORTAGE OF FURNISHED MATERIALS TO THE GENERAL CONTRACTOR.
8.

ELECTRICAL CONTRACTOR SHALL INSTALL ALL TRACK HEADS AT LOCATIONS SHOWN ON PLANS AND ADJUST HEADS AS DIRECTED BY OWNER.
9.

SEE ARCHITECTURAL DRAWINGS FOR MOUNTING DIMENSIONS AND / OR DETAILS. ARCHITECTURAL SPRINKLERS, SENSORS, AND OTHER CEILING MOUNTED DEVICES, ETC. IF THERE IS ANY CONFLICT NOTIFY THE ARCHITECT IMMEDIATELY. DRAWINGS SUPERSEDE ALL OTHERS. LIGHT FIXTURE POSITIONS TAKE PRECEDENT OVER DIFFUSERS.
10.

ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE WITH THE ARCHITECT AND LIGHTING DESIGNER FIXTURE MOUNTING DETAILS AND SIZES BASED ON FIELD CONDITIONS.
11.

ALL FIXTURES SHALL BE U.L. OR ETL LISTED AND LABELED.
12.

ELECTRICAL CONTRACTOR TO COORDINATE VOLTAGES.
13.

ARCHITECT TO VERIFY ALL SPECIFIED FINISHES.
14.

ELECTRICAL CONTRACTOR SHALL VERIFY AND COORDINATE WITH ARCHITECT AND LIGHTING DESIGNER FIXTURE QUANTITIES AND REPORT THIS INFORMATION TO LIGHTING SUPPLIER.
15.

FIXTURES SHALL INCLUDE ACCESSORIES FOR INSTALLATION ACCORDING TO LOCAL AND NATIONAL CODES.
16.

PRIOR TO ORDERING LIGHTING EQUIPMENT, THE CONTRACTOR SHALL VERIFY LOCATIONS AND RECESS DEPTHS.
17.

LAMPS SHALL BE INSTALLED ACCORDING TO THE ATTACHED FIXTURE SCHEDULE.
18.

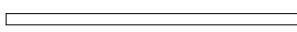
PROVIDE APPROVED FIRE-RATED ENCLOSURES FOR LIGHTING FIXTURES LOCATED IN A FIRE-RATED CEILING.
19.

IN AREAS VISIBLE TO CUSTOMERS, BATTERY ASSEMBLY FOR EMERGENCY AND EXIT LIGHTS SHALL BE CONCEALED AND REMOTE TYPE LIGHT FIXTURES USED.
20.

CIRCUITS SERVING SIGNS SHALL BE CONNECTED BY A TIME SWITCH.
21.

PROVIDE PROPER SUPPORT AND MOUNTING ACCESSORIES TO ALL LIGHTING FIXTURES. A #12 GAUGE GALVANIZED TIE WIRE PERMANENTLY ATTACHED TO THE STRUCTURE SHALL BE PROVIDED AT FOUR CORNERS OF EACH FIXTURE MOUNTED IN A GRID OR GYPSUM BOARD TYPE CEILING.

LIGHTING FIXTURE SCHEDULE

FIXTURE SYMBOL	FIXTURE	DESCRIPTION	MANUFACTURER	LAMP	WATTS	VOLTS	REMARKS
	P2	WEST ELM ASHER PENDANT 22" MUSHROOM - #9968797	WEST ELM	(1) PAR38 40" FLOOD LAMP @3000K LED	13W	120V	OWNER PROVIDED PRODUCT
	TS1	EXISTING TRACK LIGHT.	EXISTING		-	120V	
	D	EXISTING TRACK HEAD	EXISTING	EXISTING	-	120V	

GENERAL NOTE: FIXTURE FINISHES TO BE DETERMINED BY ARCHITECT.

LANDLORD GENERAL NOTES:

NO ELECTRICAL PANELS ARE PERMITTED WITHIN DEMISING WALLS. ELECTRICAL CONDUITS AND BOXES SHALL ONLY BE PERMITTED IN DEMISING WALLS WHERE CONSIDERATION FOR SOUND TRANSMISSION IS PROVIDED.

NO CEILING-MOUNTED TRACK-LIGHTING OR OTHER FIXTURES SHALL PROTRUDE BELOW 9' AFF UNLESS PERMITTED IN WRITING BY THE LANDLORD. USE OF FLOOR-MOUNTED FIXTURES OR OTHER LIGHTING ELEMENTS SHALL BE ALLOWED ONLY WHEN DEEMED APPROPRIATE AT LANDLORD SOLE DISCRETION.

IN SALES ALL BATTERY PACKS FOR EXIT AND EMERGENCY LIGHTS MUST BE REMOTE OR RECESSED. PAINT EXPOSED SURFACES TO MATCH ADJACENT FINISH.

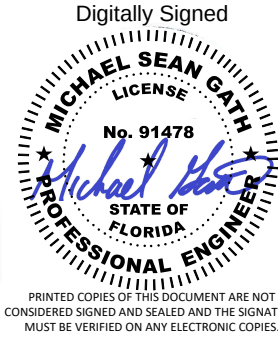
LED LIGHTING NOTE:

REMOVE LENS FROM ALL LED LAMPS, INCLUDING TRACK HEADS. CASEWORK LIGHTING, ETC. RESPONSIBILITY TO BE VERIFIED WITH WSI PM.

west elm

WE COCONUT POINT REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



Michael Gath
2026.04.17 12:35:15-05'00'

Delta	Issue	Description	Date
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EEA

7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521	NTS
Job No.	Scale

LIGHTING FIXTURE SCHEDULE

Title
E-005
Sheet



1 ELECTRICAL DEMOLITION PLAN
1/8" = 1'-0"

DEMO POWER NOTES

- A THE CONTRACTOR SHOULD COORDINATE WITH THE ENGINEER OR OWNER FOR THE DISPOSITION OF ANY EQUIPMENT NOT MENTIONED ON THESE PLANS THAT IS FOUND IN THE FIELD THAT WILL BE AFFECTED BY OR SHOULD BE DEMOLISHED ALONG WITH THE OTHER DEMOLITION WORK REQUIRED FOR THIS PROJECT.
- B ALL CONDUIT EMBEDDED IN CONCRETE OR BURIED SHALL BE ABANDONED IN PLACE. THE ABANDONED CONDUIT SHALL BE CUT OFF FLUSH WITH SURFACE AND CAPPED.
- C THE OWNER SHALL HAVE FIRST RIGHT OF REFUSAL FOR ALL DEMOLISHED EQUIPMENT. DISPOSAL OF ALL DEMOLISHED EQUIPMENT NOT REQUESTED BY THE OWNER SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- D THE CONTRACTOR SHALL ASSUME RESPONSIBILITY FOR THE DISPOSAL OF HAZARDOUS MATERIALS SUCH AS PCBs AND MERCURY CONTAINING FLUORESCENT LAMPS FOLLOWING ALL LOCAL, STATE, AND FEDERAL GUIDELINES AND PROVIDE DOCUMENTATION OF DISPOSAL TO THE OWNER.
- E ANY EXISTING EQUIPMENT THAT IS CALLED OUT ON THE PLANS TO BE REUSED BUT IS FIELD DETERMINED TO BE DAMAGED IN ANY WAY SHOULD BE BROUGHT TO THE ATTENTION OF THE ENGINEER.
- F ALL ELECTRICAL EQUIPMENT SUCH AS CONDUIT, CONDUCTORS, DISCONNECTS, SUPPORTS, ETC. THAT IS ASSOCIATED WITH OTHER EQUIPMENT SUCH AS RECEPTACLES, LIGHTING, HVAC EQUIPMENT, ETC. THAT IS SHOWN ON THESE PLANS TO BE REMOVED SHALL ALSO BE REMOVED FROM THE ELECTRICAL PANEL TO THE LOAD SERVED UNLESS NOTED TO BE USED FOR NEW EQUIPMENT OR ALSO SERVING EXISTING TO REMAIN LOADS.
- G PATCH AND FIRE SEAL AS REQUIRED ALL PENETRATIONS IN STRUCTURES MADE BY ELECTRICAL EQUIPMENT SUCH AS CONDUIT AND CABLE TRAY THAT IS BEING REMOVED
- H EXISTING TO REMAIN EQUIPMENT IS SHOWN GRAY SCALED ON THESE PLANS FOR REFERENCE. EQUIPMENT TO BE DEMOLISHED IS SHOWN BOLD AND/OR DASHED.
- I ALL MATERIALS SALVAGED TO OWNER SHALL BE STORED BY CONTRACTOR FOR REUSE UNTIL END OF PROJECT THEN RETURNED TO THE OWNER.
- J REFER TO MECHANICAL AND PLUMBING DEMOLITION PLANS FOR EQUIPMENT THAT REQUIRES ELECTRICAL SERVICE TO BE REMOVED FROM LOAD TO SOURCE.
- K ALL CONDUIT FOR ITEMS REMOVED MAY BE REUSED IF DETERMINED IN THE FIELD TO BE IN GOOD CONDITION.

KEYNOTES

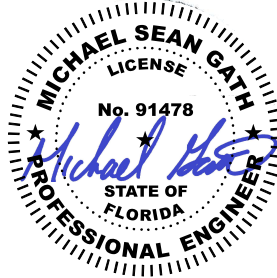
- 1 REMOVE AND PROPERLY DISPOSE OF EXISTING FLOORBOX RECEPTACLE. REMOVE ALL CONDUIT AND CONDUCTORS BACK TO NEAREST J-BOX. MAINTAIN CIRCUIT CONTINUITY TO ALL EXISTING RECEPTACLES NOT BEING DEMOLISHED. FIELD VERIFY EXACT LOCATION AND DISCONNECTION REQUIREMENTS PRIOR TO BID.
- 2 EXISTING MILLWORK LIGHT TO BE REMOVED. REMOVE ALL CONDUIT AND CONDUCTOR BACK TO NEAREST J-BOX.

west elm

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23101 FASHION DR.
SUITE 101
ESTERO, FL 33928

Digitally Signed



Michael Gath
2026.04.17 12:43:39-0500'

Delta	Issue	Description	Date
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EEA

7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521 1/8" = 1'-0"
Job No. Scale

ELECTRICAL
DEMOLITION PLAN

Title
ED-110
Sheet



- GENERAL NOTES**
- REFER TO SHEET E001 & E002 FOR GENERAL ELECTRICAL NOTES AND SYMBOLS.
 - REFER TO SPECIFICATIONS, SCHEDULES, DETAILS AND GENERAL NOTES SHEET FOR ADDITIONAL LIGHTING INSTALLATION REQUIREMENTS.
 - SPECIAL REQUIREMENTS SUCH AS MOUNTING ABOVE COUNTER (AC), GROUND FAULT CIRCUIT INTERRUPTERS (GFI), AND WEATHERPROOF ENCLOSURES (WP) ARE NOTED ADJACENT TO RECEPTACLES.
 - REFER TO EQUIPMENT CONNECTION SCHEDULE FOR DISCONNECT, CONDUIT, CONDUCTOR, AND CONTROLS REQUIREMENTS.
 - CONTRACTOR SHALL PROVIDE POWER TO ALL ITEMS SHOWN FROM THE PANEL AND CIRCUIT NUMBERS THAT ARE SHOWN ADJACENT TO THE LOAD (RECEPTACLE, DISCONNECT, JBOX, EQUIPMENT CONNECTION POINT, ETC.). SIZE CIRCUIT PER PANEL SCHEDULE. PROVIDE NEUTRAL AND GROUND, U.N.O.

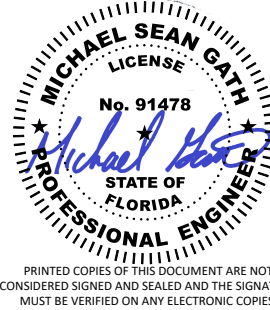
- KEYNOTES**
- REFER TO SHEET E-201 FOR INSTALLATION REQUIREMENTS AND DETAIL 1 ON SHEET E-202 FOR CORRESPONDING CONDUIT SIZE.
 - ELECTRICAL CONTRACTOR TO PROVIDE FLOOR MOUNTED JUNCTION BOX FOR POWER AND CONDUIT STUB-UPS FOR DATA, VOICE, AND LV SERVICES TO MILLWORK. ELECTRICAL CONTRACTOR SHALL SIZE JUNCTION BOX TO ACCOMMODATE QUANTITY OF CONDUITS. ALL JUNCTION BOXES AND STUB-UPS SHALL BE SIZED AND ARRANGED AS REQUIRED TO CONCEAL AT ACCESSIBLE LOCATION BENEATH MILLWORK ACCESS PANEL. PRIOR TO INSTALL COORDINATE WITH MILLWORK CONTRACTOR THE EXACT LOCATION OF ACCESS PANEL. LANDLORD WILL PRICE ITEMS TO FURNISHING, ON BEHALF OF THE TENANT, AT THE TENANT'S COST.
 - CONCEAL DEVICES AND ASSOCIATED CONDUIT AND CABLING WITHIN CASEWORK. COORDINATE DEVICE LOCATIONS WITH CASEWORK SHOP DRAWINGS AND DETAILS.
 - SEE DETAIL 2 ON SHEET E-201 FOR PLACEMENT. VERIFY WITH ARCHITECT FOR FINAL LOCATIONS.
 - POWER CONNECTION TO CABINET LIGHTING PROVIDED VIA 6" WHIPS AT 8'-5". VERIFY LOCATION AND CONNECTION REQUIREMENTS WITH MILLWORK MANUFACTURER PRIOR TO INSTALLATION.
 - EXISTING ELECTRICAL PANEL TO REMAIN.

west elm

WE COCONUT POINT
REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928

Digitally Signed



Michael Gath
2026.04.17 12:36:00-05'00'

Delta	Issue	Description	Date
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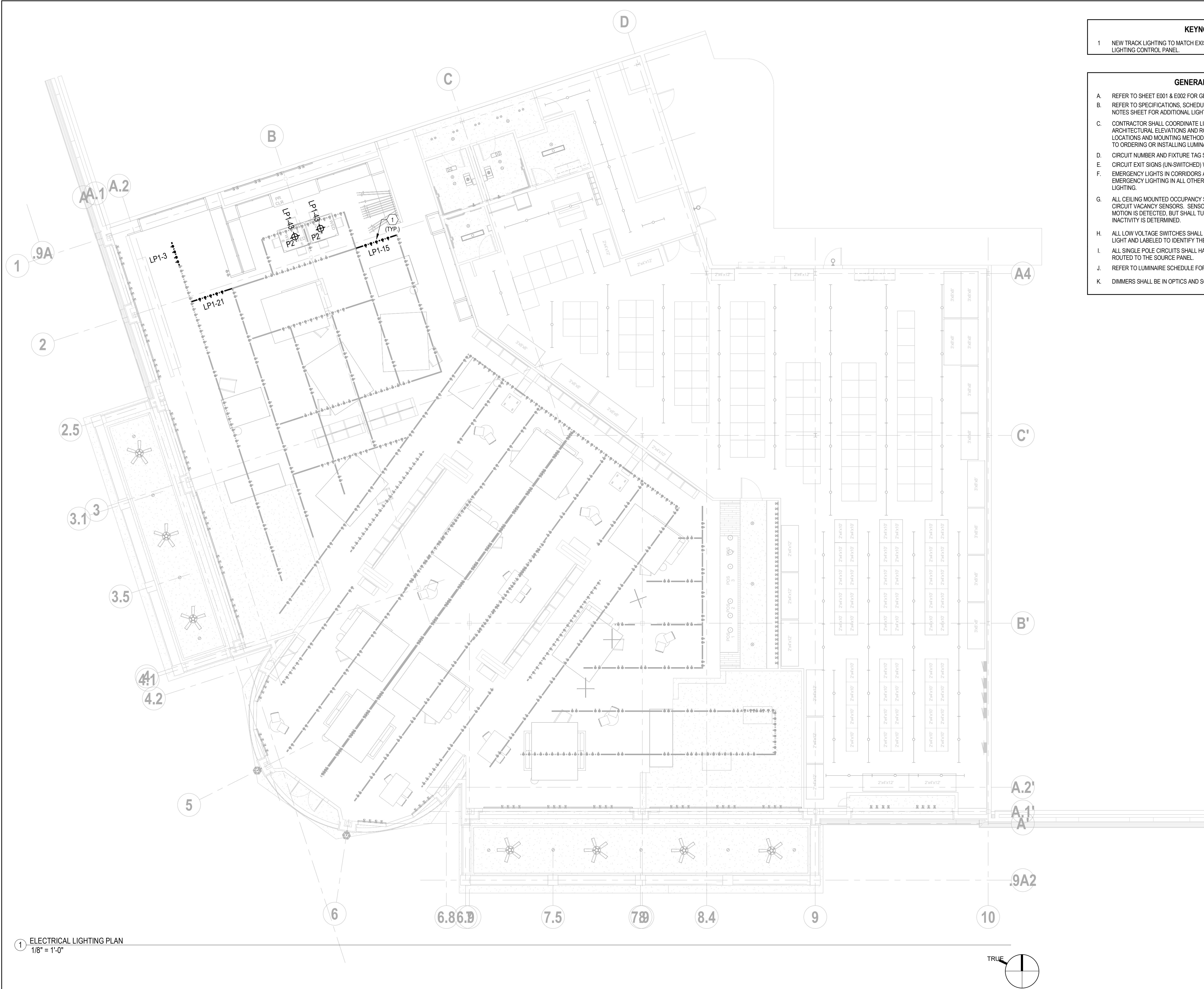
EEA

7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521 1/8" = 1'-0"
Job No. Scale

ELECTRICAL POWER
PLAN

Title
E-110
Sheet



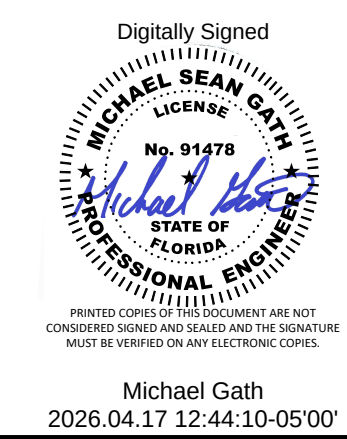
1 ELECTRICAL LIGHTING PLAN
1/8" = 1'-0"

- KEYNOTES**
1 NEW TRACK LIGHTING TO MATCH EXISTING. CONNECT CIRCUIT TO EXISTING LIGHTING CONTROL PANEL.
- GENERAL NOTES**
A. REFER TO SHEET E001 & E002 FOR GENERAL ELECTRICAL NOTES AND SYMBOLS.
B. REFER TO SPECIFICATIONS, SCHEDULES, DETAILS AND GENERAL NOTES SHEET FOR ADDITIONAL LIGHTING INSTALLATION REQUIREMENTS.
C. CONTRACTOR SHALL COORDINATE LUMINAIRE LOCATIONS WITH THE ARCHITECTURAL ELEVATIONS AND RCP PRIOR TO INSTALLATION. VERIFY LOCATIONS AND MOUNTING METHODS AND MATERIALS THAT ARE UNCLEAR PRIOR TO ORDERING OR INSTALLING LUMINAIRES.
D. CIRCUIT NUMBER AND FIXTURE TAG SHOWN ADJACENT TO EACH LUMINAIRE.
E. CIRCUIT EXIT SIGNS (UN-SWITCHED) WITH THE ADJACENT LIGHTING IN THE ROOM.
F. EMERGENCY LIGHTS IN CORRIDORS AND STAIRS TO BE UN-SWITCHED. EMERGENCY LIGHTING IN ALL OTHER SPACES TO BE SWITCHED WITH ROOM LIGHTING.
G. ALL CEILING MOUNTED OCCUPANCY SENSORS SHALL BE LOW VOLTAGE, DUAL CIRCUIT VACANCY SENSORS. SENSOR SHALL NOT TURN LIGHTS ON WHEN MOTION IS DETECTED, BUT SHALL TURN LIGHTS OFF ONCE 30 MINUTES OF INACTIVITY IS DETERMINED.
H. ALL LOW VOLTAGE SWITCHES SHALL BE PROVIDED WITH AN INDICATOR PILOT LIGHT AND LABELED TO IDENTIFY THE AREA CONTROLLED.
I. ALL SINGLE POLE CIRCUITS SHALL HAVE A DEDICATED NEUTRAL CONDUCTOR ROUTED TO THE SOURCE PANEL.
J. REFER TO LUMINAIRE SCHEDULE FOR FIXTURE TYPES AND DESCRIPTIONS.
K. DIMMERS SHALL BE IN OPTICS AND SOME PRODUCTION AREAS.

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REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



Delta	Issue	Description	Date
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7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521 1/8" = 1'-0"
Job No. Scale

ELECTRICAL
LIGHTING PLAN
Title
E-130
Sheet

WE COCONUT POINT
REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928

Digitally Signed
MICHAEL SEAN GATH
LICENSE
No. 91478
STATE OF
FLORIDA
PROFESSIONAL
ELECTRICAL ENGINEER
PRINTED COPIES OF THIS DOCUMENT ARE NOT
CONSIDERED VALID UNLESS THEY ARE SIGNED AND
MUST BE VERIFIED ON ANY ELECTRONIC COPIES
Michael Gath
2026.04.17 12:43:57-05'00'

Delta	Issue	Description	Date
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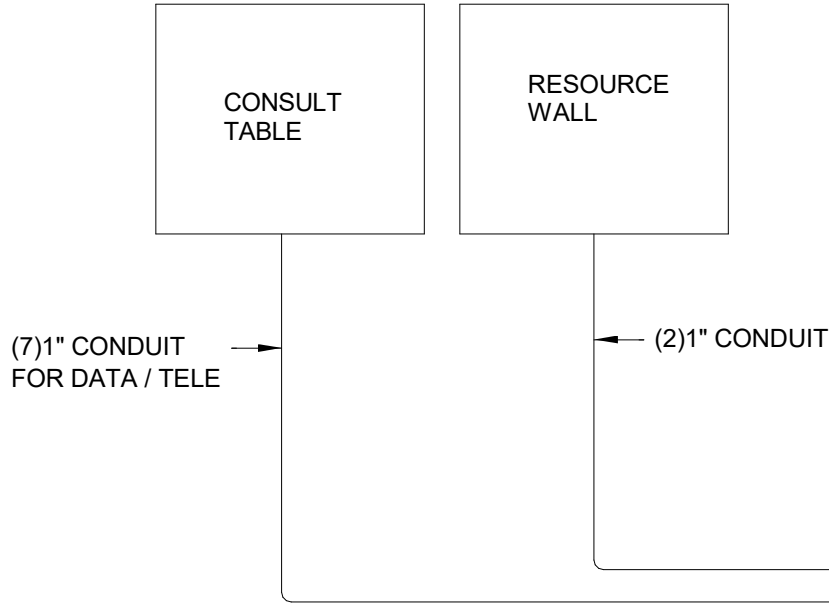


7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521
Job No. NTS
Scale

ELECTRICAL DETAILS
Title
E-201
Sheet

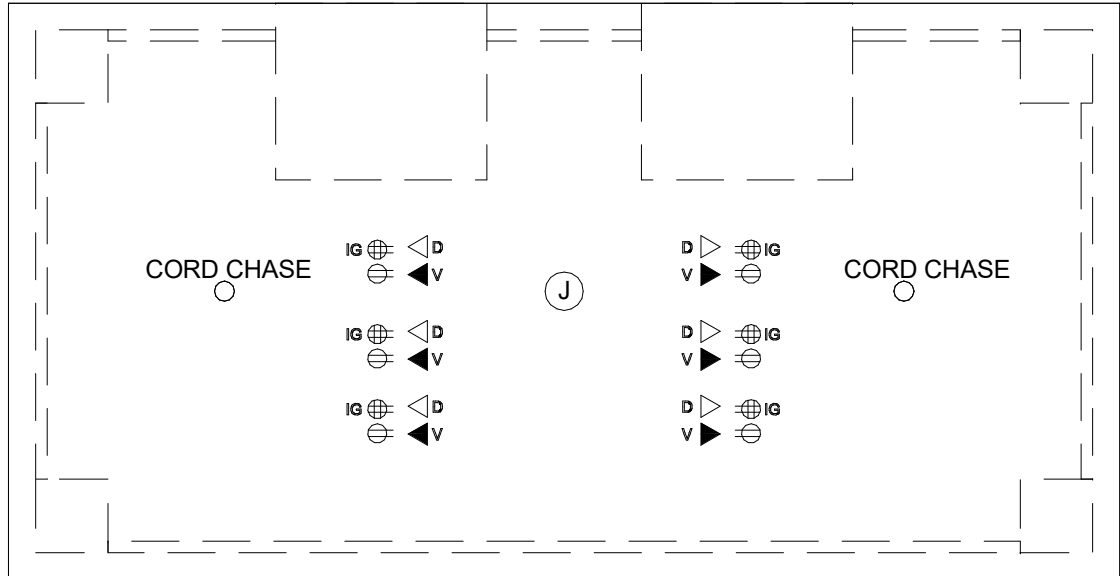
- NOTES:
- CONDUITS STUBBED DOWN AT T.T.B. SHALL BE CUT OFF AT TOP OF BACKBOARD WITH BUSING ON END.
 - ALL CONDUITS ARE 1" MINIMUM, HOMERUN BACK TO TBB. NO DAISY CHAIN ALLOWED.



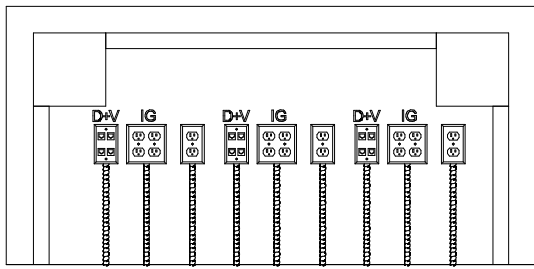
CONTRACTOR TO
PROVIDE AND INSTALL
EMPTY CONDUIT WITH
PULL STRING. SIZES
AS NOTED ON RISER
DIAGRAM.

DATA / VOICE CONDUIT RISER DIAGRAM

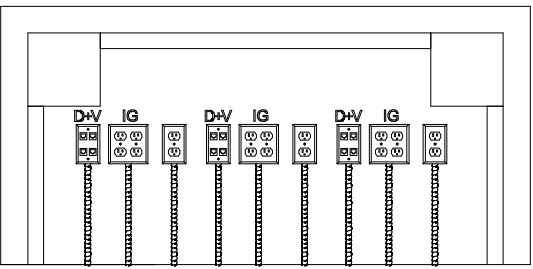
2
NOT TO SCALE



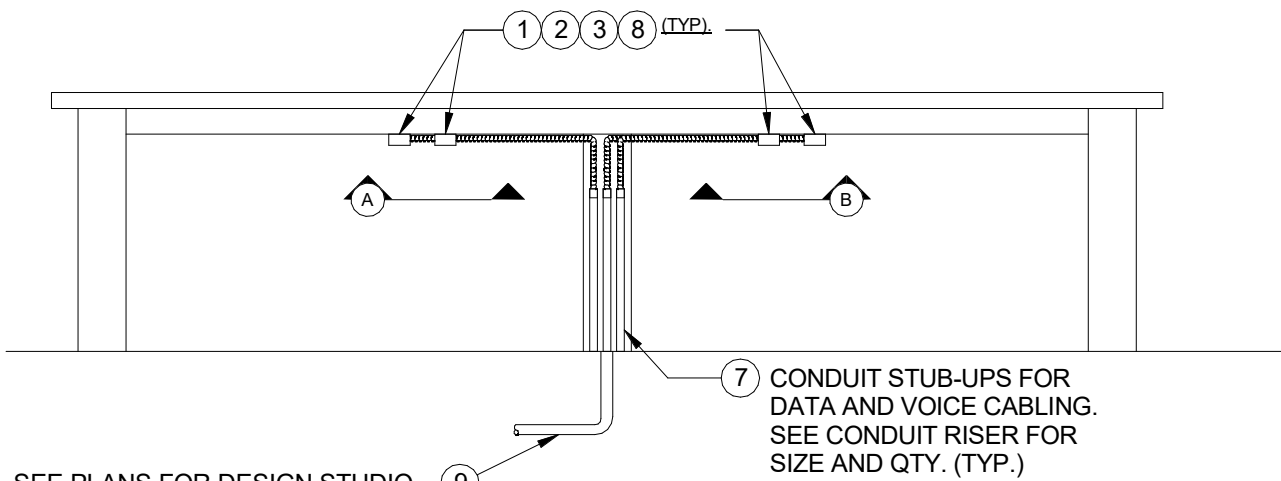
PLAN VIEW



SECTION A



SECTION B



ELEVATION

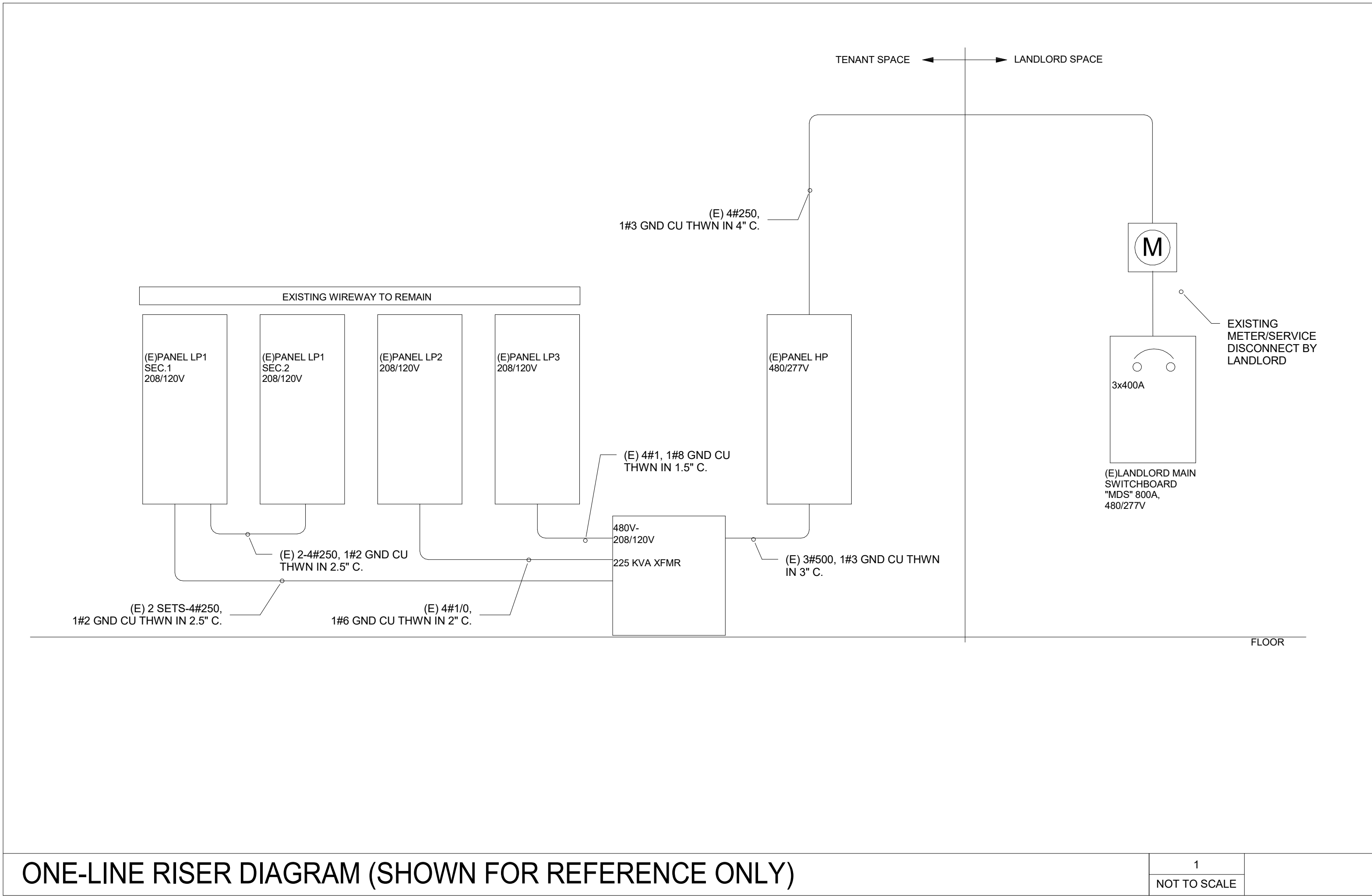
CONSULTATION TABLE DETAIL

1
NOT TO SCALE

RUN (7) 1" CONDUITS IN FLOOR W/PULLSTRING TO DESIGN CONSULT TABLE, STUB-UP CONDUIT IN WALL TO B.O. DECK AND 18" AFF ON SALES FLORR.

ELECTRICAL LOAD SUMMARY						
DESCRIPTION	ACTUAL CONNECTED KVA	DEMAND FACTOR	ACTUAL DEMAND KVA	N.E.C. CONNECTED KVA	N.E.C. DEMAND FACTOR	N.E.C. DEMAND KVA
TRACK LIGHTING	38.5	1.25	48.1	714 **** 85.7 KVA	1.25	107
GENERAL LIGHTING	6.28	1.25	7.85	6.28	1.25	7.85
SHOW WINDOW LIGHTING ALLOW.	----- ***	1.25	----- ***	0 FT 0 KVA	200W / LF x 1.25	0
GEN. PURPOSE RECEPTACLE	6.66	1.0 < 10KVA 0.5 > 10KVA	6.66	6.66	1.0 < 10KVA 0.5 > 10KVA	6.66
MOTOR(S)	1.1	1.0 + 25% LARGEST	1.1	1.1	1.0 + 25% LARGEST	1.1
FIXED ELECTRIC SPACE HTG.	0 *	1.0	0 *	0 *	1.0	0 *
AIR CONDITIONING EQUIPMENT	0 *	1.0 + 25% LARGEST **	0 *	0 *	1.0 + 25% LARGEST **	0 *
ELECTRIC WATER HEATER	1.5	1.25	1.88	1.5	1.25	1.88
MISCELLANEOUS LOADS	64.6	1.0	64.6	64.6	1.0	64.6
TOTAL	119		130	166		189
NOTES: * USE GREATER VALUE OF THE TWO CATEGORIES WHERE LOADS ARE NON-CONCURRENT. ** 125% OF LARGEST COMPRESSOR MOTOR IN SYSTEM. APPLIES TO ONLY ONE UNIT. *** ACTUAL SHOW WINDOW LIGHTING IS INCLUDED IN TRACK AND GENERAL LIGHTING SECTIONS. **** TOTAL SUM OF CURRENT LIMITERS IN AMPS						
MINIMUM FEEDER = $\frac{189 \text{ KVA} \times 1000}{480 \times 1.73}$ 228 A.						
EXISTING ELECTRICAL SERVICE AMPACITY = 400 A. @ 480V, 3 PH						

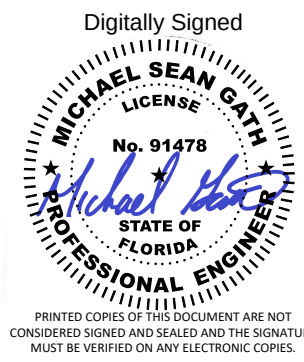
TRANSFORMER LOAD SUMMARY			
DESCRIPTION	ACTUAL CONNECTED KVA	LOAD FACTOR	ADJUSTED LOAD FACTOR KVA
TRACK LIGHTING	38.5	1.25	48.1
GENERAL LIGHTING	6.28	1.25	7.85
GEN. PURPOSE RECEPTACLE	6.66	1.0 < 10KVA 0.5 > 10KVA	6.66
MOTOR(S) (208V)	1.1	1.0 + 25% LARGEST	1.1
FIXED ELECTRIC SPACE HTG. (208V)	0 *	1.0	0 *
AIR CONDITIONING EQUIPMENT (208V)	0 *	1.0 + 25% LARGEST **	0 *
ELECTRIC WATER HEATER	1.5	1.0	1.5
MISCELLANEOUS LOADS	14.6	1.0	14.6
TOTAL	68.6		79.8
NOTES: * USE GREATER VALUE OF THE TWO CATEGORIES WHERE LOADS ARE NON-CONCURRENT. ** 125% OF LARGEST COMPRESSOR MOTOR IN SYSTEM. APPLIES TO ONLY ONE UNIT.			
MINIMUM REQUIRED TRANSFORMER CAPACITY: 80 KVA EXISTING TRANSFORMER SIZE: <u>225</u> KVA			



west elm

WE COCONUT POINT
REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



Michael Gath
2026.04.17 12:39:43-0500

Delta	Issue	Description	Date
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EEA

7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521	NTS
Job No.	Scale

ELECTRICAL
ONE-LINE DIAGRAMS

Title
E-401
Sheet

PANELBOARD		LP2		NEMA ENCLOSURE		1		AIC RATING		EXISTING	
PANEL TYPE				MOUNTING SURFACE				NOTES		EXISTING TO REMAIN	
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.	
1	REC - REFRIG	20/1		0.800	A	1.260		20/1	REC - SALES FLOOR BOXES	2	
2	REC - BREAK COUNTER	20/1		0.180	B	1.440		20/1	REC - SALES FLOOR BOXES	4	
4	REC - MICROWAVE	20/1		1.500	C	1.260		20/1	REC - SALES FLOOR BOXES	6	
6	REC - RESTROOM	20/1		0.540	A	1.080		20/1	REC - SALES FLOOR BOXES	8	
8	REC - STOCK	20/1		1.260	B	1.980		20/1	REC - DISPLAY WINDOW	10	
10	HAND DRYER PUBLIC RR	20/1		1.500	C	1.620		20/1	REC - DISPLAY WINDOW	12	
12	REC - SOUND SYSTEM	20/1		0.500	A	1.200		20/1	REC - MILLWORK	14	
14	REC - SALES	20/1		1.440	B	0.900		20/1	MILLWORK	16	
16	LIGHTING CONTROL PANEL	20/1		0.500	C	0.600		20/1	MILLWORK - KNUCKLE	18	
18	WATER HEATER	20/1		1.500	A	1.630		20/1	MILLWORK - KNUCKLE	20	
20	EF-1 REC AND LIGHT	20/1		0.500	B	0.850		20/1	MILLWORK	22	
22	MOTORIZED DAMPER	20/1		0.500	C	0.930		20/1	MILLWORK	24	
24	HAND DRYER PUBLIC RR	20/1		1.500	A	0.000		20/1	SPARE	26	
26	HAND DRYER EMP RR	20/1		1.500	B	0.600		20/1	MILLWORK	28	
28	MOTORIZED SMOKE DAMPER	20/1		0.600	C	0.360		20/1	REC - CONSULT TABLE	30	
30	ROLL-UP DOOR 1 HP	30/1		2.400	A	0.720		20/1	REC - CONSULT TABLE IG	32	
32	REC - MILLWORK	20/1		1.000	B	0.720		20/1	REC - CONSULT TABLE IG	34	
34	REC - MILLWORK	20/1		1.000	C	0.360		20/1	REC - CONSULT TABLE	36	
36	REC - MILLWORK	20/1		1.000	A	0.720		20/1	REC - CONSULT TABLE IG	38	
38	SPARE	20/1		0.000	B	0.360		20/1	REC - CONSULT TABLE	40	
40	SPARE	20/1		0.000	C	0.360		20/1	REC - POS IG	42	
MAIN BREAKER		VOLTAGE 480/277V MAINS 150A MCB			PHASE 3 WIRE 4		PANEL MAX AMPS		225A		
ACTUAL CONNECTED KVA				N.E.C. DEMAND KVA				N.E.C. DEMAND AMPS			
14.850				PHASE A				12.666			
12.730				PHASE B				10.389			
11.090				PHASE C				9.285			
38.670				TOTAL				32.340			
								90 AMPS			

PANELBOARD		LP3		NEMA ENCLOSURE		1		AIC RATING		EXISTING	
PANEL TYPE				MOUNTING SURFACE				NOTES		EXISTING TO REMAIN	
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.	
1	REC - CASHWRAP	20/1		0.180	A	0.180		20/1	REC - RF SYSTEM	2	
2	REC - MGR SERVER	20/1		0.180	B	0.180		20/1	REC - DESIGN LAB	4	
4	REC - CASH REGISTER	20/1		0.360	C	0.180		20/1	REC - DESIGN LAB	6	
6	REC - CASH REGISTER	20/1		0.360	A	0.180		20/1	REC - COSTUMER SERVICE	8	
8	REC - CASH REGISTER	20/1		0.360	B	0.720		20/1	REC - CUSTOMER SERVICE	10	
10	REC - MANAGER	20/1		0.180	C	0.000		20/1	SPARE	12	
12	REC - MANAGER	20/1		0.540	A	0.000		20/1	SPARE	14	
14	REC - MANAGER	20/1		0.720	B	0.000		20/1	SPARE	16	
16	REC - SHIP/REC LG	20/1		0.360	C	0.000		20/1	SPARE	18	
18	REC - SHIP/REC LG	20/1		0.540	A	0.000		20/1	SPARE	20	
20	REC - SHIP/REC LG	20/1		0.360	B	0.000		20/1	SPARE	22	
22	SPARE	20/1		0.000	C	0.000		20/1	SPARE	24	
24	REC - GIFT REG	20/1		0.360	A	0.000		20/1	SPARE	26	
26	REC - TTB	20/1		0.360	B	0.000		20/1	SPARE	28	
28	REC - TTB	20/1		0.360	C	0.000		20/1	SPARE	30	
MAIN BREAKER		VOLTAGE 480/277V MAINS 150A MCB		PHASE 3 WIRE 4		PANEL MAX AMPS		225A			
ACTUAL CONNECTED KVA				N.E.C. DEMAND KVA				N.E.C. DEMAND AMPS			
2.340				PHASE A				2.340			
2.880				PHASE B				2.880			
1.440				PHASE C				1.440			
6.660				TOTAL				6.660			
								18 AMPS			

PANELBOARD		H		NEMA ENCLOSURE		1		AIC RATING		EXISTING	
PANEL TYPE				MOUNTING SURFACE				NOTES		EXISTING TO REMAIN	
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.	
1	VAV-1	15/1		3.000	A	4.000		20/1	VAV-7	2	
3	VAV-2	15/1		3.000	B	3.000		15/1	VAV-8	4	
5	VAV-3	15/1		8.000	C	3.000		15/1	VAV-9	6	
7	VAV-4	15/1		3.000	A	6.000		30/1	VAV-10	8	
9	VAV-5	15/1		10.000	B	4.000		20/1	VAV-11	10	
11	VAV-6	15/1		3.000	C	0.000		20/1	0	12	
13	SPACE			0.000	A	54.877	400/3		XMFR	14	
15	SPACE			0.000	B	28.590				16	
17	SPACE			0.000	C	28.724				18	
19	SPACE			0.000	A	0.000				20	
21	SPACE			0.000	B	0.000			SPACE	22	
23	SPACE			0.000	C	0.000			SPACE	24	
25	SPACE			0.000	A	0.000			SPACE	26	
27	SPACE			0.000	B	0.000			SPACE	28	
29	SPACE			0.000	C	0.000			SPACE	30	
MAIN BREAKER		VOLTAGE 480/277V MAINS 400A MCB		PHASE 3 WIRE 4		PANEL MAX AMPS		400A			
REMARKS		TC1, TC2 & TC3 ARE ON TIME CLOCKS		ACTUAL CONNECTED KVA		N.E.C. DEMAND KVA		N.E.C. DEMAND AMPS			
				70.877		PHASE A		70.877		228 AMPS	
				48.590		PHASE B		48.590			
				42.724		PHASE C		42.724			
				162.191		TOTAL		162.191			

PANELBOARD		LP1 SEC1		NEMA ENCLOSURE		1		AIC RATING		EXISTING	
PANEL TYPE				MOUNTING SURFACE				NOTES		EXISTING TO REMAIN	
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.	
1	TRACK - SALES	20/1		0.400	A	0.700		20/1	TRACK - SALES	2	
3	TRACK - SALES	20/1		1.200	B	1.500		20/1	TRACK - SALES	4	
5	TRACK - SALES	20/1		1.600	C	0.500		20/1	TRACK - SALES	6	
7	TRACK - SALES	20/1		0.800	A	1.200		20/1	TRACK - SALES	8	
9	TRACK - SALES	20/1		0.700	B	0.500		20/1	TRACK - SALES	10	
11	TRACK - SALES	20/1		0.900	C	1.200		20/1	TRACK - SALES	12	
13	TRACK - SALES	20/1		0.700	A	0.500		20/1	TRACK - SALES	14	
15	TRACK - SALES	20/1		1.300	B	1.000		20/1	TRACK - SALES	16	
17	TRACK - SALES	20/1		0.400	C	1.700		20/1	TRACK - SALES	18	
19	TRACK - SALES	20/1		0.400	A	0.700		20/1	TRACK - SALES	20	
21	TRACK - SALES	20/1		0.400	B	0.700		20/1	TRACK - SALES	22	
23	TRACK - SALES	20/1		1.500	C	1.100		20/1	TRACK - SALES	24	
25	TRACK - SALES	20/1		0.800	A	1.200		20/1	TRACK - SALES	26	
27	TRACK - SALES	20/1		1.000	B	0.600		20/1	TRACK - SALES	28	
29	TRACK - SALES	20/1		1.600	C	1.500		20/1	TRACK - SALES	30	
31	TRACK - SALES	20/1		0.700	A	1.550		20/1	TRACK - SALES	32	
33	TRACK - SALES	20/1		0.700	B	1.000		20/1	TRACK - DISPLAY WINDOWS	34	
35	TRACK - SALES	20/1		0.700	C	1.000		20/1	TRACK - DISPLAY WINDOWS	36	
37	TRACK - SALES	20/1		1.450	A	1.000		20/1	TRACK - DISPLAY WINDOWS	38	
39	TRACK - BEHIND ESSENTIALS	20/1		0.400	B	1.200		20/1	TRACK - DISPLAY WINDOWS	40	
41	TRACK - ESSENTIALS	20/1		0.400	C	1.240		20/1	LTG - SALES EMERG	42	
MAIN BREAKER		VOLTAGE 480/277V MAINS 500A MCB		PHASE 3 WIRE 4		PANEL MAX AMPS		600A			
REMARKS		TC1, TC2 & TC3 ARE ON TIME CLOCKS		ACTUAL CONNECTED KVA		N.E.C. DEMAND KVA		N.E.C. DEMAND AMPS			
		13.800		PHASE A		40.225					
		14.130		PHASE B		38.113					
		17.194		PHASE C		36.868					
		45.124		TOTAL		115.205		320 AMPS			

PANELBOARD		LP1 SEC2		NEMA ENCLOSURE		1		AIC RATING		EXISTING	
PANEL TYPE				MOUNTING SURFACE				NOTES		EXISTING TO REMAIN	
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KVA	PHASE	ACTUAL KVA	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.	
43	LTG - CONSULT TABLE	20/1		0.400	A	0.116		20/1	LTG - STOCKROOM	44	
45	LTG - EXTERIOR SIGN	20/1		0.200	B	0.880		20/1	LTG - STOCKROOM	46	
47	LTG - EXTERIOR SIGN	20/1		0.500	C	0.604		20/1	LTG - STOCKROOM EM	48	
49	LTG - EXTERIOR SIGN	20/1		0.200	A	0.744		20/1	LTG - RR, MANAGERS	50	
51	LTG - CASHWRAP	20/1		0.750	B	0.000		20/1	SPARE	52	
53	LTG - CASHWRAP	20/1		0.750	C	0.000		20/1	SPARE	54	
55	TRACK- CASHWRAP	20/1		0.240	A	0.000		20/1	SPARE	56	
57	LTG - EXTERIOR LIGHTS	20/1		0.100	B	0.000		20/1	SPARE	58	
59	SPARE	20/1		0.000	C	0.000		20/1	SPARE	60	
61	SPARE	20/1		0.000	A	0.000		20/1	SPARE	62	
63	SPARE	20/1		0.000	B	0.000		20/1	SPARE	64	
65	SPARE	20/1		0.000	C	0.000		20/1	SPARE	66	
67	SPARE	20/1		0.000	A	0.000		20/1	SPARE	68	
69	SPARE	20/1		0.000	B	0.000		20/1	SPARE	70	
71	SPARE	20/1		0.000	C	0.000		20/1	SPARE	72	
73	SPARE	20/1		0.000	A	0.000		20/1	SPARE	74	
75	SPARE	20/1		0.000	B	0.000		20/1	SPARE	76	
77	SPARE	20/1		0.000	C	0.000		20/1	SPARE	78	
79	SPARE	20/1		0.000	A	0.000		20/1	SPARE	80	
81	SPARE	20/1		0.000	B	0.000		20/1	SPARE	82	
83	SPARE	20/1		0.000	C	0.000		20/1	SPARE	84	
MAIN BREAKER		VOLTAGE 480/277V MAINS 400A MLO		PHASE WIRE		3 4		PANEL MAX AMPS OPTIONS		400A	
REFER TO PANEL LP1.SEC FOR LOADS											

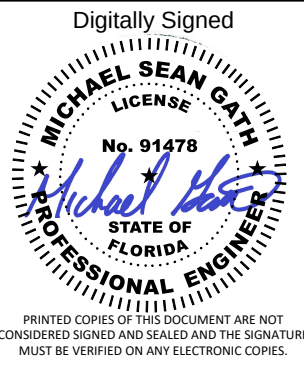
ELECTRICAL SPECIFICATIONS		1.06		PRODUCT DELIVERY, STORAGE AND HANDLING: Equipment and materials shall be properly stored and adequately protected and carefully handled to prevent damage before and during installation. Equipment and materials shall be handled, stored, and protected in accordance with the manufacturer's recommendations and as approved by the Owner's Representative. Electrical conduit shall be stored to provide protection from the weather and accidental damage. Plastic conduit shall be stored on even supports and in locations not subject to direct sun rays or excessive heat. Cables shall be sealed, stored and handled carefully to avoid damage to the outer covering or insulation and damage from moisture and weather. Damaged or defective items, in the opinion of the Owner's Representative, shall be replaced with new items at the expense of the contractor.		3.10		CLEARANCES: Provide working clearance in front of, in back of, and to sides for all electrical equipment as required by National Electrical Code Article 110.		C. MC Cabling	
SECTION 16050: GENERAL ELECTRICAL						3.11		DEMOLITION: Demolition and removal of existing electrical services to the existing tenant space to be by the Contractor.		1. Metal clad cable shall be constructed in strict accordance with UL 1569. The cable shall bear the UL label and manufacturer's "E" number	
The Drawings, General Conditions, Supplementary Conditions, and Division 1 apply to work under this Section.						3.12		ACCESS PANEL		2. Acceptable Sizes for MC Cable: 12/2 through 12/9; 10/2 through 10/ 9 and shall contain copper conductors only, no aluminum allowed	
PART 1 GENERAL:						A.		Elec. contractor shall provide all access panels required for code required access to electrical devices and junction boxes.		3. Manufacturer - AFC or equal	
1.01DESCRIPTION		1.07		PERMITS AND FEES: Provide, procure and pay for all permits, licenses and fees required to carry on and complete the work.		B.		Access panels shall not be allowed in Sales Area ceiling or walls. Devices and equipment that normally would be concealed from view shall be located at normally accessible areas such as above ceiling, near HVAC diffusers or in back rooms in accessible ceiling areas.		4. Conductors: Copper; solid or stranded	
A. General: Furnish all labor, materials, apparatus, tools, equipment, transportation, temporary construction and special or occasional services as required to make a complete working electrical installation, as shown on the drawings or described in these specifications.		PART 2		PRODUCTS (Not Applicable)						5. Insulation: Thermoplastic (THHN) or equivalent; voltage rating 600V; temperature rating 90°C	
		PART 3		EXECUTION:				END OF SECTION		6. Armor: Aluminum; corrugated or smooth tube	
B. Work included:		3.01		TESTS:				SECTION 16100: BASIC MATERIALS AND METHODS		7. Not used	
1. Installation and assembly of Owner furnished lighting fixtures and lamps.		A.		Tests shall be conducted during the construction period and at completion to determine conformity with applicable Codes and with these Specifications. Tests shall be performed in the presence of the Architect and shall include, but are not limited to, the following:				The General Conditions, Supplementary Conditions, and Division 1 apply to work under this Section.		8. Cable shall be fire rated, 1 hour minimum or higher as required by specific installation area, UL listed, rated for use in cable tray, and for use in environmental air plenums	
2. Grounding.				1. Insulation Resistance: Perform 500-volt D.C. tests for one minute on all feeder conductors, including the neutral, and make a typed record of all readings to be included in the maintenance instructions. Repair or replace circuits showing less than 40 megohms resistance to ground. Make tests using Biddle Insulation Resistance Megger, or equal.				PART 1 GENERAL		9. Connectors: Furnish only UL listed MC connectors manufactured for MC cable. MC connectors shall be listed by UL and approved for use with the cable. All supports shall be U.L. listed for the application, and shall comply with the NEC. Tie-wraps and staples are not acceptable. Utilize the following:	
3. Installation of duct smoke detectors.				2. Ground Resistance: Test ground resistance per IEEE Standard No. 81.				1.01 DESCRIPTION		1. Snap-in supports to framing stud, Caddy #MAC2.	
4. Provide panelboards and overcurrent devices.				3. Circuits Continuity: Test all feeder and branch for continuity. Test all neutrals for improper grounds.				A. Work specified in this section encompasses products, assemblies and basic installation methods required for electrical project systems specified under this Division and includes, but is not limited to:		2. Strap to framing stud, Caddy #FXC20	
5. Branch circuit wiring.				4. Equipment Operations: Test lighting circuits for correct operation through their control devices. Test electric baseboard heaters for correct operations through their control relays/thermostats.				1. Conduit, raceways, and fittings.		3. Drop-wire supports, Caddy #PCS1.	
6. Exit signs and emergency lighting system.				5. Lighting Control Circuits: Perform operation tests for all lighting circuits.				2. Wire and cables.		4. Cable snap clip for attachment to structure, Caddy #SC.	
7. Installation of convenience outlets.				6. Product Failure: Any products which fail during the tests or are ruled unsatisfactory by the Owner's Representative shall be replaced, repaired, or corrected as prescribed by the Owner's Representative at the expense of the Contractor. Tests shall be performed after repairs, replacements or corrections until satisfactory performance is demonstrated.				3. Wire connections and devices.		5. Cable support for attachment to framing stud, Caddy #CJ6.	
8. Installation of telephone and data outlets and raceways.				7. Physical Inspection of Electrical Equipment and Cables: Inspection shall be made of all equipment to insure proper assembly and construction.				4. Outlet boxes.		6. Support and anti-rattle clip for MC through studs, Caddy #781.	
9. Furnishing, support and installation of new transformer.								5. Pull and junction boxes.		11. MC Cabling shall only be allowed for applications as allowed by the jurisdiction and the landlord. Prior to installation, contractor shall confirm with both agencies, that MC is permitted. For installations that have not been approved by both agencies, the contractor shall be responsible for the removal of the MC and replacement with EMT, at the expense of the contractor.	
10. Rough-in wiring for display case lighting.								6. Switches and receptacles.		12. MC cabling shall not be allowed to run into the panelboards. Transition to EMT by means of a wireway above panelboards, and run branch circuits in EMT from wireway to panelboards - no exceptions	
11. Demolition and removals.								7. Device plates.		13. Contractor's bid shall reflect costs for utilizing MC Cabling and/or EMT installation as permitted by the jurisdiction and landlord.	
12. Lighting controls, and time switches.								8. Overcurrent protective devices.		14. MC cable shall not be permitted in areas open to public view.	
13. Connections of, and power wiring to, HVAC equipment:								9. Telephone terminal backboard.			
14. Conduit for data, telephone and alarm systems.								10. Door buzzer and pushbutton system.			
C. Related Work Specified Elsewhere:								11. Background sound system equipment installation and wiring.			
1. Perform the following work, in accordance with appropriate sections of the specifications cited, where and as necessary to furnish a complete, working electrical installation.								12. Empty raceway provisions for burglar alarm and security system detection units and switches.			
a. Concrete:		Division 3						13. Panelboards and associated equipment			
b. Painting:		Division 9						B. Work Not Included:			
c. Door hardware:		Division 11						1. Background sound system equipment furnished by Brinkman Audio.			
d. Mechanical:		Division 15						2. Burglar alarm and security system equipment and wiring.			
e. Food Service Equipment:		Division 15						1.01 SUBMITTALS			
D. Related Work Not Included in Contract:								A. Submit in conformance with the requirements of Section 16050 the following items:			
1. Installation of primary and secondary utility cables.								1. Switches, receptacles and device plates.			
2. Installation of telephone instruments and equipment.								2. Conductors and cables.			
3. Installation of data cable or computer equipment.								3. Overcurrent protective devices.			
4. Installation of security alarm equipment.								4. Raceways.			
								5. Door buzzers and pushbutton.			
								6. Panelboards and transformer			
1.02 CODES AND STANDARDS:								PART 2 PRODUCTS			
A. Specific								2.01 CONDUIT AND FITTINGS			
1. Comply with all codes enforced by the state and local jurisdictions.								A. Rigid Steel Conduit			
2. Equipment and materials specified under this division shall conform to the following standards where applicable.								1. Conduit, rigid steel: full weight, threaded, hot-dip galvanized, inside enameled, conforming to ANSI C80.1.			
a. UL Underwriters' Laboratories.								2. Three-piece couplings: electroplated, cast malleable iron. Efor 165 series, O.Z./Gedney 4-50 series or equal.			
b. ASTM American Society for Testing Materials.								3. Threadless couplings: electroplated, cast malleable iron, with integral conduit stop. Efor 1760.			
c. CBM Certified Ballast Manufacturers.								4. Threadless connectors: electroplated, cast malleable iron, on threaded male hub plastic insulated throat rated 90 degrees C minimum. Efor 1750B series, O.Z./Gedney 31-050 1T series or equal.			
d. ANSI American National Standards. Institute.								5. Insulated bushings: threaded polypropylene or thermosetting phenolic rated 150 degrees C minimum.			
e. NEMA National Electrical Manufacturers Association								6. Insulated grounding bushings: threaded cast malleable iron body with insulated throat and steel, "lay-in" ground lug with compression screw. O.Z./Gedney BLG series, Thomas & Betts 3870 series or equal.			
1.03 DRAWINGS:								7. Insulated metallic bushings: threaded cast malleable iron body with plastic insulated throat rated 105 degrees C. O.Z./Gedney Type B, Thomas & Betts 1222 series or equal.			
A. Layout: General layout shown on the drawings shall be followed except where other work may conflict with the drawings.								B. Electrical Metallic Tubing (EMT)			
B. Accuracy:								1. Conduit: Shall be formed of cold rolled strip steel, electrical resistance welded continuously along the longitudinal seam and hot-dip galvanized after fabrication. Conduit shall conform to ANSI C80.3 specifications and shall meet U.L. requirements.			
1. Drawings for the work under this Section are diagrammatic and complete details of the building which affect the electrical installationare not shown. Coordinate with drawings of all other trades.								2. Couplings: Electroplated, cast malleable iron, gland compression type, U.L. listed rain and concrete tight through 1-1/4 inch trade size, O.Z./Gedney 6050W series, 760 series or equal. Set screw type couplings may be used in dry locations, Efor O.Z./Gedney 5050 series or equal.			
2. Contractor shall verify lines, levels and dimensions shown on the Drawings and shall be responsible for the accuracy of the setting out of work and for its strict conformance with existing conditions at the site.								3. Connectors: Gland compression type with cast malleable iron body with male hub and insulated plastic throat 150 degrees C. temperature rated. O.Z./Gedney 4050 series or equal.			
1.04 SUBSTITUTIONS: Substitutions of specified devices and equipment shall not be allowed.								C. Flexible Metallic Conduit			
1.05 SUBMITTALS:								1. Conduit: Shall be fabricated in continuous lengths from galvanized steel strip, spirally wound and formed to provide an interlocking design. 6" MAX. LENGTH Flexible conduit is not permitted in walls.			
A. General: Refer to the General Conditions, Supplementary General Conditions and Division 1 for requirements.								2. Fittings: Connectors shall be made of the screw clamp with cast malleable iron bodies and threaded male hubs with insulated throats.			
B. Format: Furnish submittal data neatly bound in an 8-1/2" X 11" folder or binder with a table of contents listing in order of specification section and paragraph number.								2. Flexible conduit shall only be allowed in the lengths and for applications as allowed by the jurisdiction. Contractor shall be responsible for correcting installation that is not in compliance with the jurisdictional requirements			
C. Submittals shall consist of detailed shop drawings, specifications, catalog "cuts" and data sheets containing physical and dimensioned information, performance data, electrical characteristics, materials used in fabrication, material finish and those optional accessories which are included and those which are excluded.								D. Liquid Tight Flexible Metallic Conduit			
D. Each submittal shall be thoroughly reviewed by the Contractor. The cover letter accompanying submittal letter shall list in full the items and data submitted and shall contain a statement acknowledging that the Contractor has performed a detailed review of the submittal documents prior to submission. Failure to comply with this requirement shall constitute grounds for return of data for resubmission without review.								1. Conduit: Anaconda Type U.A., Coleman Type Uxt1 or equal.			
E. Contractor agrees that Shop Drawing submittals processed by the engineer are not change orders, that the purpose of Shop Drawing submittals by the Contractor is to demonstrate to the engineer that the Contractor understands the design concept, that he demonstrates his understanding by indicating which equipment and material he intends to furnish and install and by detailing the fabrication and installation methods he intends to use.								2. Fittings: Connector body and gland nut shall be of cadmium plated cast malleable iron, with insulated throat, MAX. 24", T & B 5331 series, O.Z./Gedney 4Q-38-1T series, or equal.			
								E. Minimum acceptable conduit size shall be 1 inch.			

ELECTRICAL SPECIFICATIONS		PART 3	EXECUTION		3. Cable in ceilings shall run as tight to structure as possible, and in no case (with the exception of drops) less than 12 inches above accessible ceilings.	PART 3	EXECUTION
(continued)		3.01	CONDUIT AND RACEWAY APPLICATIONS		4. MC cable shall not be used in final homerun connection to the branch circuit panel	3.01	INSTALLATION
2.07	TRANSFORMERS	A.	Rigid Steel Conduit: For all exposed and U/G conduit exposed to mechanical damage. Minimum size is 3/4".		6. Isolated ground circuits and normal ground circuits shall be run in separate cables.	A.	Contractor shall be responsible for handling and storage. Fixtures shall be installed plumb, level, in straight lines without distortion and clean.
	A.		Transformers shall be indoor type, self cooled, 480V, three-phase, dual winding, fully enclosed, ventilated, general purpose dry type, 480 volt primary, 120/208 volt secondary, 60 hertz, equipped with two 2 1/2% full capacity taps above and below rated voltage and shall be of the KVA rating shown on the drawings.		7. Cable shall be installed using bushings or bushed fittings.	B.	Install each fixture in a manner recommended by the fixture manufacturer and approved by the Owner's Representative. Under this Section of the work, furnish and install all additional ceiling bracing, hanger supports and other structural reinforcements to the building require to properly and safely suspend fixtures, all as approved by the Owner's Representative.
	B.		Transformers shall have copper or aluminum windings Class "H" insulation group, with temperature rise, when operated continuously at full load and rated frequency, not exceeding 150 degree C. rise over 40 degree C. ambient, unless mentioned otherwise on the one line diagram.	3.04	INSTALLATION OF BOXES AND WIRING SERVICES	C.	Fixtures in areas of exposed duct and pipe work shall be suspended to avoid conflict with same.
	C.		Transformer shall have a minimum of 10% overload capacity at rated voltage and shall have a 10 KV BIL rating.	A.	General	D.	Pendant fixtures shall be provided with ball aligners and sway adapters. Fixture chain shall not be used for supporting fixtures.
	D.		Sound level at any load shall not exceed 45 dB when tested in a room with ambient sound level not exceeding 24 dB. Excessively noisy transformers shall be replaced with new at the expense of the contractor.		1. All outlets shall finish FLUSH with wall finishes and ceiling, except where exposed work is called for. There shall be no gap between box and wall or ceiling material. Any opening between box and wall or ceiling shall be caulked airtight.	E.	Ballasts: Ballasts judged by the Owner's Representative to be noisy, and failed or malfunctioning ballasts shall be replaced at Owner's expense.
	E.		Transformer impedance shall not be less than 4% nor greater than 5%. Transformers shall conform to NEMA TRI-1974, NEC 450-21 and all applicable state and local codes.		2. Install raised device covers on all outlet boxes as required to finish flush with surface. Covers shall be of a depth to suit the wall or ceiling finish.	3.02	FIXTURE SUPPORT - SUSPENDED CEILINGS
	F.		Transformer shall not contain any PCB's (Polychlorinated Biphenyls).		3. Leave no unused openings in any box. Install close-up plugs as required to seal openings.	A.	Provide four wire supports for each suspended fixture, secured to the building structure independent of the ceiling supporting system.
	G.		Transformer size shall fit space allocated per Drawings.	B.	Boxes Layout		
	H.		Manufacturer shall be GE, Siemens, Cutler Hammer, or Square D		1. Outlet boxes shall be installed at the locations and elevations shown on the drawings or specified herein. Make adjustments to locations as required by structural conditions and to suit coordination requirements of other trades.		END OF SECTION
	I.		Electrical Contractor shall provide transformer as indicated on the plans		2. Outlet boxes in stud wall and partitions shall not be mounted back-to-back nor shall through-wall boxes be permitted.	SECTION 16720: FIRE ALARM SYSTEM BIDDER DESIGN	
2.08	PANELBOARDS				3. Where installation is within or behind casework, coordinate exact location with casework contractor prior to rough-in to ensure accessibility.	PART 1	GENERAL
	A.		Ratings: See panel schedules.			1.01	SCOPE OF WORK
	B.		Finish: All painted steel work shall be treated with a primer coat and finish coat of the manufacturer's standard gray color or ANSI 61.			A.	Provide a complete bidder design fire alarm system for the tenant space to include, but shall not be limited to:
	C.		Electrical Contractor shall provide all panelboards as indicated on the plans.				1. Complete system design. This shall include coordination of Landlord and Jurisdictional requirements.
	D.		Panelboards shall be keyed alike, and arranged to fit in the space indicated on the plans				2. Develop permit submittal documentation, including shop drawings and battery calculations.
	E.		Bussing				3. All work, items, articles, materials, equipment, wiring, and raceway for a complete and operational system.
			1. Bussing shall be rectangular cross section full length tin plated				4. System testing, demonstration, and training.
			2. Each panelboard shall be equipped with a ground bus secured to the interior of the enclosure. The bus shall be equal to the panelboard neutral bus and shall have a separate lug for each ground conductor. Not more than one conductor shall be installed per lug.				5. Warranty.
			3. Each isolated ground panelboard shall be equipped with a isolated ground bus secured to the interior of panelboard with a separate isolated ground wire (sized per the NEC) run back to the grounding electrode				6. All documentation required by NFPA.
	F.		Manufacturer shall be GE, Siemens, Cutler Hammer, or Square D			B.	Submittals - bidder design contractor shall provide all submittals as follows:
	G.		Prior to ordering, the Electrical Contractor shall confirm with the serving Utility and the Landlord, the available fault current level at the tenant disconnect. Tenant panelboards shall be ordered with an AIC rating greater than the available fault current level. If contractor does not confirm fault current level, equipment fully rated at 65K AIC minimum shall be required.				1. Shop drawings and product data shall be submitted to architect for approval of device locations and finish.
2.09	PROTECTIVE DEVICES						2. Submit all documentation to Landlord and local Jurisdiction as required for approval and to obtain permits. This shall include, but is not limited to, shop drawings, battery calculations, listing information, and product data.
	A.		Circuit Breakers: Molded case, bolt-on, thermal magnetic type, 40 degrees C, ambient temperature compensated, fixed mounting, with quick-make and quick-break switching mechanism mechanically trip-free from the operating handle.			1.02	CODES AND STANDARDS
	B.		Ratings: Refer to drawings and panel schedules for trip frame and poles required. Equipment shall be fully rated based on available fault current level.			A.	Tenant system shall be in accordance with all Jurisdictional codes, and shall be in compliance with the Landlord's standards and requirements.
	C.		Manual motor starters: Fractional H.P. 1 phase motors shall be protected by thermal O.L. relay integral with the disconnect. "Motor-Minder", or equal.			1.03	APPROVED CONTRACTOR AND INSTALLER
2.10	ELECTRICAL SUPPORTING DEVICES					A.	All work related to the tenant fire alarm system installation shall be performed by a Landlord approved contractor.
	A.		Conduit Straps: Hot-dip galvanized, cast malleable iron, one hole type strap with cast clamp-backs and spacers as required. O.Z./Gedney #14-50G strap and #141G spacer, Refcor #231 strap and #131 spacer, or equal.			B.	Tie-in at Landlord's fire alarm panel, located in the fire control room, shall be performed by Landlord's approved fire alarm contractor.
	B.		Construction Channel: 1-1/2 inch by 1-1/2 inch 12 gauge galvanized steel channel with 17/32 inch diameter bolt holes, 1-1/2 inches on center, in base of the channel. Kindorf 905 series, Unistrut P-1000-HS, or equal.			1.04	DEVICE COORDINATION
	C.		Fasteners (General): Wood screws for fastening to wood. Machine screws for fastening to steel. Toggle bolts for fastening to hollow concrete block, gypsum board or plaster wall. Expansion anchors for attachments to pre-poured concrete.			A.	Fire alarm system devices, notes, and related information shown on the electrical plans illustrates the intent of device locations and installation requirements, and shall not constitute a complete fire alarm system design. Bidder design contractor shall be responsible for coordinating the exact system requirements with Landlord and Jurisdiction.
2.11	IDENTIFYING DEVICES					B.	Fire alarm system installer shall coordinate with architectural and all other trades for proper placement of devices to eliminate conflicts with other systems.
	A.		Panelboard Directories: Shall be typewritten, arranged in numerical order and shall show the number of the circuit is indicated. The room numbers used shall be verified with the Owner and shall not necessarily be those used in the drawings. Mount directories in a 6" x 8" metal frame under plexiglass inside each panelboard.			PART 2	PRODUCTS
	B.		Wire & Terminal Markers: Self-adhering, pre-printed vinyl with self-laminating wrap ground strip Brady B191 series, Thomas & Betts WSI series, or equal.			1.01	DEVICES AND EQUIPMENT
2.12	PLYWOOD BACKBOARDS					A.	All wiring, devices, and equipment shall be new and compatible with Landlord's sytem.
	A.		Where indicated for telephone or communication system terminals, or for motor control or other equipment assemblies, provide backboards of size indicated.			B.	All devices and equipment shall be U.L. listed, FM approved, and labeled for fire alarm system use.
			1. Use Douglas Fir plywood, exterior grade with "B" face, prime and finished painted.			C.	Audible/visual devices, if required, shall be white in color and ceiling mounted, unless not allowed by Landlord or Jurisdiction. If ceiling mount device are not allowed by jurisdiction or Landlord, provide the required wall mount devices.
			2. Unless otherwise indicated, provide 3/4 inch thick plywood.			D.	Pull stations, if required, shall be flush.
			3. All plywood shall be fire resistant.			E.	For installations requiring communicator or dialer, provide required primary and secondary telephone lines to control panel and provide 120 VAC dedicated branch circuit as required for power.
2.13	GROUNDING					PART 3	INSTALLATION
	A.		Enclosures of equipment, raceways, and fixtures shall be permanently and effectively grounded. Provide code-sized, (unless otherwise indicated) copper, insulated green equipment ground with all branch and feeder circuit runs. Equipment ground shall originate at panelboard ground bus and shall be bonded to all switch and receptacle boxes and electrical equipment enclosures.			1.01	INSTALLATION SHALL BE IN COMPLIANCE WITH LANDLORD AND JURISDICTIONAL REQUIREMENTS.
	B.		Building services shall be grounded to building steel and to cold metallic water piping.			1.02	INSTALLATION SHALL BE IN ACCORDANCE WITH REQUIREMENTS OUTLINED IN TENANT DESIGN CRITERIA MANUAL.
	C.		Isolated ground conductors shall terminate on isolated ground bus and receptacle isolated ground lugs only.			1.03	WIRING
						A.	At areas that are within public view, all fire alarm cabling shall be run in EMT.
2.14	LIGHTING CONTROL SYSTEM					B.	At non-public areas, cabling may be run exposed above 10' A.F.F. unless Landlord/Jurisdiction requires metallic raceway. If so, provide required raceway. For cabling below 10' A.F.F., run concealed in wall or in raceway.
	A.		Provide a complete installation of the owner furnished lighting control system.				CEILING MOUNT DEVICES
						A.	At areas with GWB or ACT ceiling, provide required backbox and flush mount device in ceiling.
						B.	At areas open to structure, provide appropriate backbox attached to structure with surface mount device. For audible/visual device support from structure with 3/8" threaded rod with device at the required elevation.
						1.05	COORDINATION
						A.	Prior to installation, installer shall review with the local Jurisdiction and the Landlord, the fire alarm system device locations. Installation shall not occur until approval of layout is obtained by both agencies and coordinated with Architect.
						B.	If ceiling mounted audible/visual devices are not allowed by the local Jursdiction, notify Architect.
						1.06	FIRE ALARM SYSTEM BIDDER DESIGN CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING ALL RACEWAY REQUIRED FOR THE FIRE ALARM SYSTEM INSTALLATION.
						PART 4	TESTING AND CLOSEOUT
						1.01	PROVIDE A COMPLETE SYSTEM TEST AS REQUIRED BY NFPA 72, AND THE LANDLORD.
						1.02	TEST ALL CONDUCTORS AS REQUIRED IN NFPA 72, CHAPTER 7.
						1.03	CONTRACTOR SHALL COMPLETE THE INSPECTION AND TESTING FORM IN NFPA 72, FIGURE 7-5.2.2.
						1.04	SUBMIT ALL TESTING AND INSPECTION REPORTS, SHOP DRAWINGS, AND AS-BUILT DRAWINGS TO OWNER AND AUTHORITY HAVING JURISDICTION AS REQUIRED BY NFPA 72.

west elm

WE COCONUT POINT
REFRESH

23101 FASHION DR.
SUITE 101
ESTERO, FL 33928



Delta	Issue	Description	Date
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EEA

7300 Ranch Road #2222, Bldg II, Ste. 100
Austin, Texas 78730-3204 USA

20256521	Scale
Job No.	

ELECTRICAL
SPECIFICATION

Title
E-902
Sheet