

ABBREVIATIONS

A	Amperage	DEPT	Department	HP	High Point	NA	Not Applicable	SCH	Schedule
AB	Anchor Bolt	DET	Detail	HS	High Strength	NAT	Natural	SECT	Section
AC	Air Conditioning	DF	Drinking Fountain	HT	High Tension	NEG	Negative	SEL	Select
ABV	Above	DIAG	Diagonal	HTR	Heater	NE	Noise Frequency	SEP	Separate
ACT	Acoustical Ceiling Tile	DM	Dimension	HVS	High Tensile Strength	NF	Noise Not in Contract	SER	Serial
ADH	Adhesive	DIV	Divide	HVAC	Heating, Ventilation & Air Conditioning	NO	Number	SF	Smooth Faced
ADJ	Adjacent	DL	Dead Load	NP	Nominal	NOM	Nominal	SF	Square Feet
AFF	Above Finish Floor	DN	Down	NRC	Noise Reduction Coefficient	NP	Nickel Plated	SG	Single
AGGR	Aggregate	DOZ	Dozen	HW	Hot Water	NRC	Noise Reduction Coefficient	SIM	Similar
AL	Aluminum	DP	Dampening	HWY	Highway	NS	Noise Side	SK	Sink
ALLOW	Allowance	DR	Drain	HYDR	Hydrant	NTS	Not To Scale	SM	Small
ALT	Alternate	DS	Double Strength	ID	Inside Diameter	OC	On Center	SOQ	Slab On Grade
ALUM	Aluminum	DS	Downspout	IJ	Isolation Joint	OCT	Octagonal	SP	Soil Pipe
APPX	Approximate Appendix	DUP	Duplicate	ILLUM	Illuminate	OFF	Off	SP	Standard Pipe
APT	Apartment	E	East	IMU	Impermeable	OFF	Office	SPEC	Specification
ARCH	Architectural	E	East	INC	Incorporated	OPNG	Opening	SPKR	Speaker
ASPH	Asphalt	EA	Each Face	INCL	Included	OPP	Opposite	SPKL	Sprinkler
ASSN	Association	EIFS	Exterior Insulation and Finish System	INDL	Industrial	OPT	Optional	SS	Square
ASSY	Assembly	EJ	Expansion Joint	INF	Infinite	ORIG	Original	SQ	Single Strength
AUTO	Automobile	EL	Elevation	INFO	Information	OUT	Outlet, Outside	SSK	Soil Stack
AVE	Avenue	EJ	Expansion Joint	INR	Impact Noise Rating	OV	Over	SST	Stainless Steel
AVG	Average	ELEV	Elevator	INST	Installed	OVHD	Overhead	ST	Street
B/(B.O.)	Bottom of	ELEC	Electric	INSUL	Insulation	PART	Part	STAG	Staggered
BC	Bottom Chord	ELEV	Elevator	INTL	Interior	PC	Pieces	STATN	Stationary
BD	Board	EMB	Embedment	IPS	Iron Pipe Size	PCT	Percent	STD	Standard
BDY	Boundary	ENAM	Enamel	INTL	International	PED	Pedestal	STL	Steel
BL	Building Line	ENGR	Engineer	IPS	Iron Pipe Size	PERF	Perforated	STN	Stone
BLDG	Building	ENR	Entrance	J	Joist	PERM	Permanent	STOR	Storage
BLW	Below	EQ	Equal	JB	Junction Box	PERP	Perpendicular	STR	Straight
BM	Beam	EQUIP	Equipment	JCT	Junction	PH	Phase	STR	Strength
BOT	Bottom	EST	Estimated	JUN	Joint	PL	Plate	STRUC	Structural
BR	Bedroom	EW	Each Way	JT	Joint	PL	Property Line	STRUCT	Structural
BRG	Bearing	EXC	Excavate	K	Kips	PLAM	Plastic Laminate	SUB	Substitute
BSMT	Basement	EXH	Exhaust	K	Kips (Kilopounds)	PLG	Piling	SURF	Surface
BTWN	Between	EXP	Exposed	KD	Knin Dried	PLUMB	Plumbing	SUSP	Suspended
		EXT	Exterior	KD	Knock Down	PLWN	Plane	SWM	Single Weight
				L	Left	PLYWD	Plywood	SWM	Storm Water Management
C/C	Center to Center	FAB	Fabricate	L	Left	PMP	Pump	SYM	Symmetrical
CAB	Cabinet	FB	Flat Bar	LAB	Laboratory	PML	Panel	SVS	System
CAP	Capacity	FD	Floor Drain	LAM	Laminate	PNT	Paint		
CIR	Circular	FDN	Foundation	LAM	Laminate	PORT	Portable	T/(T.O.)	Top of
CF	Cubic Feet	FEE	Finish Floor Elevation	LAV	Lavatory	POS	Positive	T&G	Tongue & Groove
CI	Cast Iron	FIG	Figure	LF	Low Frequency	PR	Pair	TC	Top Chord
CL	Cast Iron Pipe	FIN	Finish	LG	Large	PREFAB	Prefabricated	TD	Trench Drain
CIR	Circle	FIX	Fixture	LGTH	Length	PRELIM	Preliminary	TECH	Technical
CIR	Circular	FL	Flashing	LH	Left Hand	PREP	Preparation	TEL	Telephone
CJ	Control Joint	FL	Floor	LIC	Licensed	PRGM	Program	TEMP	Temperature, Temporary
CL	Clearance	FLD	Folding	LIN	Linear	PRL	Parallel	THK	Thickness
CL	Centerline	FLG	Flange	LINO	Lineoleum	THRES	Threshold	THRU	Through
CLG	Ceiling	LIQ	Liquid	LIQ	Liquid	PT	Part	TOL	Tolerance
CLGK	Caulking	FLUOR	Fluorescent	LLH	Long Leg Horizontal	PT	Point	TOL	Tolerance
CLOS	Closet	FO	Face of	LVL	Long Leg Vertical	PTD	Painted	TOS	Top Of Steel
CLR	Clear	FRP	Freezing Point	LNTL	Lintel	PVC	Polyvinyl Chloride	TOT	Total
CMPTR	Computer	FRP	Fiber Reinforced Plastics	LP	Low Point	PWR	Power	TRANS	Transverse
CMU	Concrete Masonry Unit	FRPF	Fiber Reinforced Plastics	LT	Light			TRANSV	Transverse
CNCL	Concoid	FRT	Fire Retardant Treated	LTD	Limited	QC	Quality Control	TV	Television
CND	Conduit	FS	Far Side	LVL	Level	QTY	Quantity	TYP	Typical
CO	Change Order	FTG	Footing	LWC	Light Weight Concrete	QTR	Quarter		
CO	Cleanout	FURN	Furnished	LWC	Light Weight Concrete	QTY	Quantity	UNF	Unfinished
CO	Company	FUT	Future	MAINT	Maintenance	QUAL	Quality	UNO	Unless Noted Otherwise
COM	Common	GA	Gage	MAN	Manual	R/RAD	Radius	UNO	Unless Noted Otherwise
COMB	Combination	GALV	Galvanized	MANUF	Manufacturer	R/R	Right of Way	UPR	Upper
COMP	Compressive	GAR	Garage	MATL	Material	RBR	Rubber	UV	Ultra Violet
CONC	Concrete	GFR	Glass Fiber	MAX	Maximum	RCPT	Receptacle		
CONSTR	Construction	GFRG	Reinforced Concrete	MBR	Member	RCDV	Received	V	Voltage
CONTR	Contractor	GFRG	Reinforced Concrete	MED	Medium	RD	Road	VAR	Variable/Varies
COP	Copper	GI	Galvanized Iron	MEMBR	Membrane	RECT	Rectangular	VENT	Ventilation
CORP	Corporation	GOVT	Government	MEMO	Memorandum	REF	Refrigerator	VERT	Vertical
CORR	Corrugated	GWB	Gypsum Wall Board	MFG	Manufacturing	REIN	Reinforcement	VIB	Vibrate
CPM	Critical Path Method	GWT	Gypsum Wall Tile	MGR	Manager	REL	Relative	VOL	Volume
CR	Cold Rolled	GYP	Gypsum	MIN	Minimum	REMO	Remove	VS	Versus
CRK	Crack			MIN	Minimum	REPL	Replace		
CT	Ceramic Tile	HB	Hose Bib	MISC	Miscellaneous	REPRO	Reproduce	W	West
CTD	Coated	HD	Hard	MLDG	Molding	REQD	Required	W	With
CTR	Center	HO	Hollow Metal	MN	Main	REV	Revision	WC	Watercloset/Watercooler
CU	Cube	HDWR	Hardware	MOD	Modification	ROD	Rod	WO	Without
CW	Check Valve	HX	Hexagonal	MP	Melting Point	RGH	Rough	WD	Width
CW	Cold Water	HGT	Height	MRK	Mark	RHT	Right Hand	WID	Width
		HM	Hollow Metal	MSW	Master Switch	RO	Rough Opening	WM	Waterheater
		HMDR	Hollow Metal Door	MT	Master Threshold	RPR	Repair	W	With
		HNDRL	Handrail	MTG	Mounting	RTN	Return	WP	Waterproofing
		HCL	Hollow	MTL	Multiple	RVS	Reverse	WPT	Working Point
		HOR	Horizontal	MULT	Multiple	S	South	WRG	Wiring
		HOSP	Hospital	N	North	SAN	Sanitary	WT	Weight
		HP	High Performance	N	North	SAN	Sanitary	WWF	Welded Wire Fabric
								WWM	Welded Wire Mesh

DRAWING INDEX

		12/20/2022 PERMIT REVIEW SET																	
SHEET	DRAWING																	COMMENTS	
10.01	COVER SHEET	●																	
10.02	LIFE SAFETY PLAN	○																	
ARCHITECTURAL																			
21.01	DEMOLITION FLOOR PLAN & DETAIL	○																	
21.02	DEMOLITION FIXTURE PLAN	○																	
21.03	DEMOLITION REFLECTED CEILING PLAN	○																	
31.01	FLOOR PLAN, DETAILS & DOOR SCHEDULE	○																	
31.02	REFLECTED CEILING PLAN & DETAIL	○																	
31.03	FINISH PLAN, TRANSITION DETAILS & SCHEDULES	○																	
36.01	FIXTURE SECTIONS, CASEWORK & DETAILS	○																	
38.01	FURNITURE, FIXTURE & EQUIPMENT PLAN AND SCHEDULES	○																	
ELECTRICAL																			
90.01	SPECIFICATIONS	○																	
90.02	SPECIFICATIONS & ELECTRICAL SYMBOLS LIST	○																	
91.01	DEMOLITION LIGHTING PLAN	○																	
91.02	DEMOLITION POWER PLAN	○																	
92.01	LIGHTING PLAN	○																	
92.02	POWER PLAN	○																	
92.03	LOW VOLTAGE PLAN	○																	
92.04	INTERIOR LOCKER DETAILS	○																	
93.01	ELECTRICAL DETAILS	○																	
93.02	LIGHTING DETAILS	○																	
93.03	LIGHTING DETAILS	○																	
93.04	LOW VOLTAGE SCHEDULES & RISER	○																	
93.05	SECURITY DETAILS	○																	
93.06	SECURITY DETAILS	○																	
93.07	OVERHEAD AUDIO	○																	
94.01	SCHEDULES & POWER RISER	○																	

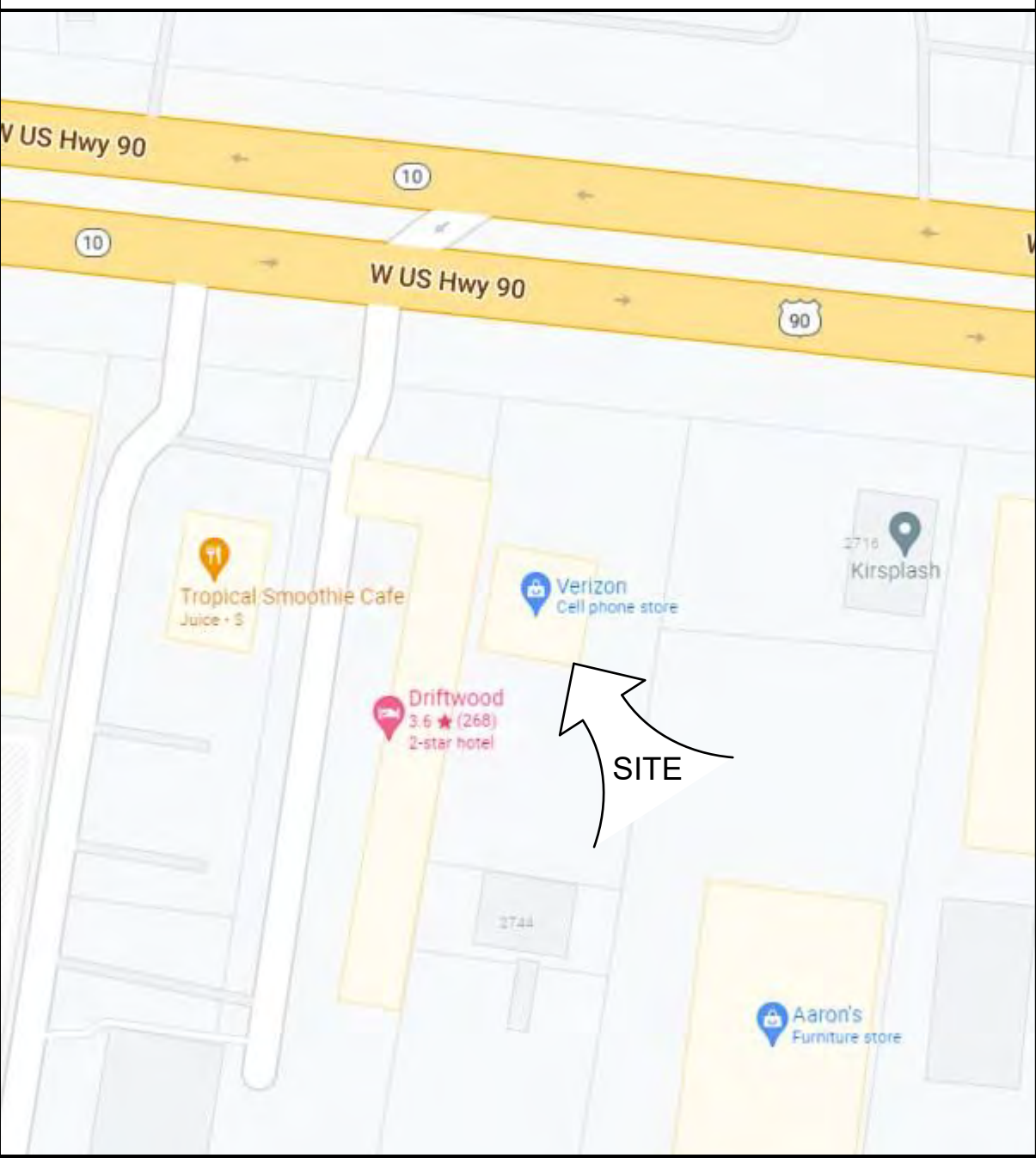
REFERENCE SYMBOLS

	SECTION Drawing Number Sheet Number
	ELEVATION Drawing Number Sheet Number
	DETAIL SECTION Drawing Number Sheet Number Isolates Detail
	INTERIOR ELEVATION Drawing Number Sheet Number
	COLUMN GRID LINE - NEW Column Number
	COLUMN GRID LINE - EXISTING Column Number
	PARTITION Partition Type
	HEIGHT MARKER Elevation
	REVISION SYMBOL Revision Number
	ROOM SYMBOL Room Name Room Number
	KEYNOTE SYMBOL Keynote Number
	NEW DOOR SYMBOL New Door Symbol Door Number
	DOOR SYMBOL - EXISTING Existing Door Symbol Door Number-Existing
	WINDOW SYMBOL Window Number
	PROPERTY LINE
	TENANT LEASE LINE
	COLUMN GRID LINE

MATERIAL SYMBOLS

	GYPSUM WALLBOARD		STONE		SPLIT FACE/GROUND FACE CMU
	ACOUSTICAL TILE		INSULATION		BATT INSULATION
	STEEL - LARGE SCALE		SUBSURFACE		EARTH
	METAL - SMALL SCALE		CONCRETE		CONCRETE
	WOOD				LIGHTWEIGHT CONCRETE
	ROUGH WOOD		MASONRY		BRICK
	WOOD BLOCKING OR SHIM				CONCRETE MASONRY UNIT
	FINISH WOOD				
	PLYWOOD				

VICINITY MAP - NOT TO SCALE



SITE PLAN - NOT TO SCALE



APPLICABLE CODES

- * 2020 FLORIDA BUILDING CODE, BUILDING (FBC-B) 7TH EDITION
- * 2020 FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB) 7TH EDITION
- * 2020 FLORIDA BUILDING CODE, MECHANICAL (FBC-M) 7TH EDITION
- * 2020 FLORIDA BUILDING CODE, PLUMBING (FBC-P) 7TH EDITION
- * 2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION 7TH EDITION
- * 2020 FLORIDA BUILDING CODE, ACCESSIBILITY (FBC-A) 7TH EDITION
- * 2020 FLORIDA FIRE PREVENTION CODE (FFPC) 7TH EDITION
- * 2017 NATIONAL ELECTRIC CODE (NEC) NFPA 70

PROJECT DATA

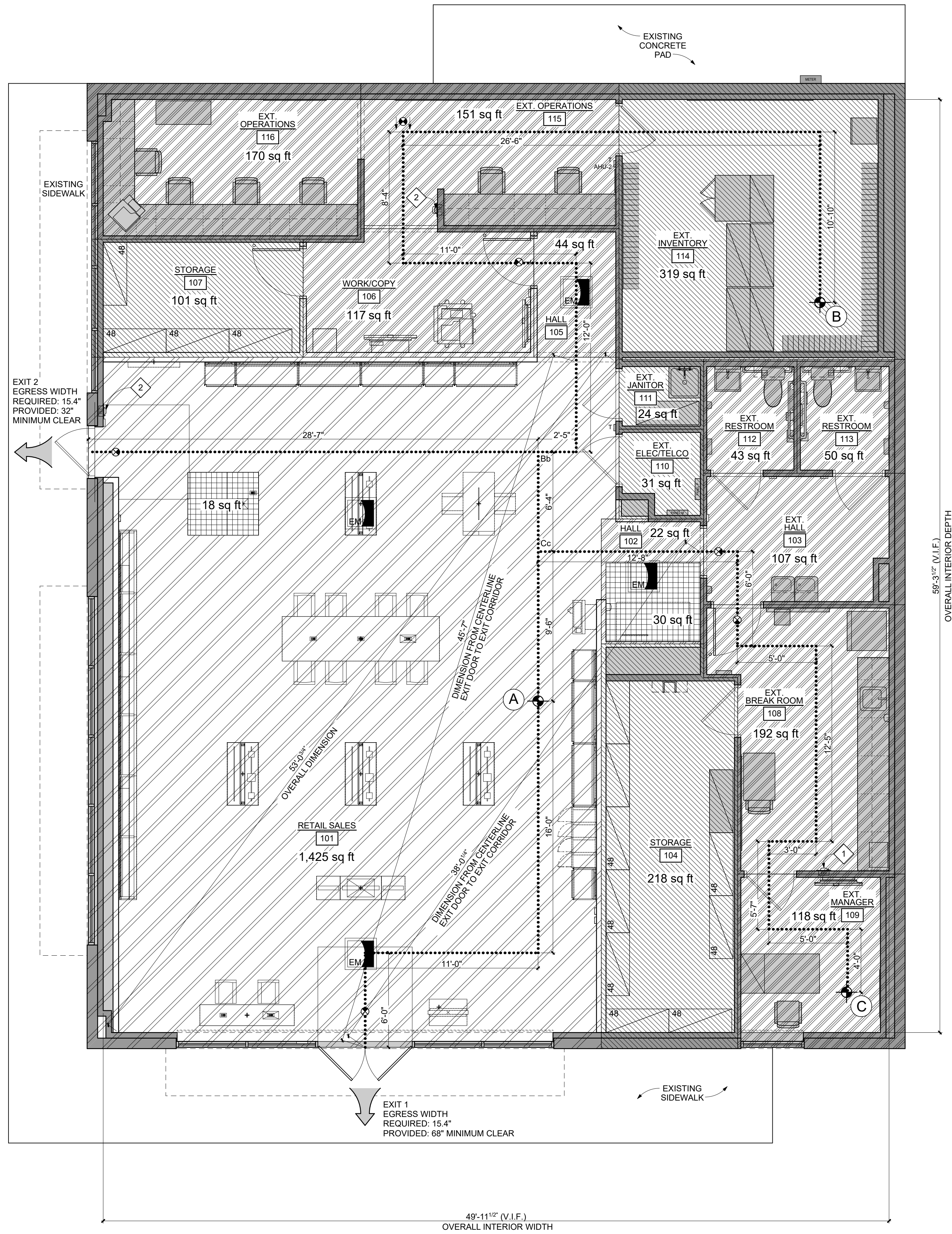
PROJECT NAME:	VERIZON NEXTGEN REFRESH - LAKE CITY, FL
OCCUPANCY GROUP:	MERCANTILE (M) (NO CHANGE TO EXISTING)
TOTAL OCCUPANT LOAD:	77 TOTAL OCCUPANTS
CONSTRUCTION TYPE:	II-B (NO CHANGE TO EXISTING)
FIRE PROTECTION SYSTEMS:	
FIRE ALARM SYSTEM:	NO
FULLY SPRINKLERED AND MONITORED:	NO
TOTAL EXISTING TENANT AREA:	3,180 SF (GROSS)
TOTAL PROPOSED WORK AREA:	2,109 SF (GROSS)
NUMBER OF STORIES ABOVE GRADE:	1 (NO CHANGE TO EXISTING)

SCOPE OF WORK - LEVEL (3) ALTERATION

SCOPE OF WORK CONSISTS OF AN INTERIOR ALTERATION OF THE EXISTING TENANT SPACE IN EXISTING BUILDING WHICH WAS BUILT UNDER SEPARATE BUILDING PERMITS. **PROJECT CONSISTS OF PHASED CONSTRUCTION TO ALLOW STORE TO REMAIN OPEN FOR BUSINESS.** NO MODIFICATIONS TO EXISTING PLUMBING, MECHANICAL, STRUCTURE, EXTERIOR FACADE, SIGNAGE, AND SITE PLAN INCLUDED WITHIN SCOPE OF THIS PROJECT. ALTERATION OF THIS SPACE DOES NOT REQUIRE MODIFICATIONS TO EXISTING HVAC SYSTEM(S) AND/OR AIR DISTRIBUTION TRUNK DUCTWORK. AIR DEVICES SHALL BE REINSTALLED WITHIN NEW CEILING AT EXISTING CEILING HEIGHT AND WITHIN EXISTING LOCATIONS. NO HVAC DRAWINGS TO BE ISSUED. A BRIEF DESCRIPTION OF THE PROJECT SCOPE IS AS FOLLOWS:

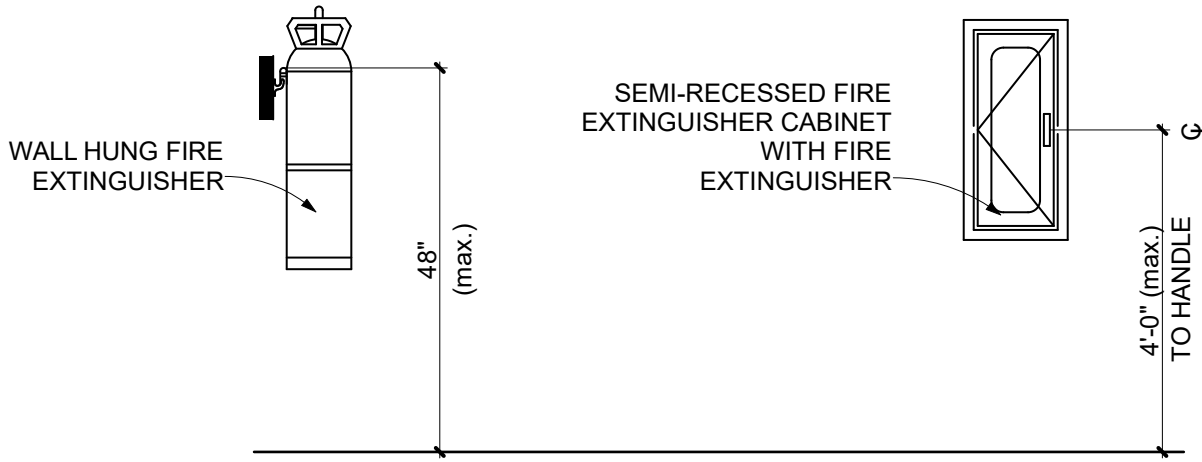
- DEMOLITION WORK SHALL INCLUDE REMOVAL OF EXISTING INTERIOR PARTITIONS, SOFFITS, CEILINGS, FIXTURES AND FINISHES. IN ADDITION, FLOOR TRENCHING WHICH WILL BE REQUIRED FOR NEW ELECTRICAL FLOOR BOXES. SEE DEMOLITION PLANS FOR ADDITIONAL INFORMATION.
- NEW WORK SHALL INCLUDE CONSTRUCTION OF INTERIOR NON-BEARING PARTITIONS, NEW CEILINGS, ETC. NEW INTERIOR FLOOR AND WALL FINISHES TO BE INSTALLED. SEE PLANS FOR ADDITIONAL INFORMATION.
- ELECTRICAL WORK TO INCLUDE ALL DISTRIBUTION RECEPTACLES AND NEW LIGHTS. SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.

ALL MATERIALS AND CONSTRUCTION TECHNIQUES IN ALL GENERAL CONSTRUCTION AND ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES LISTED ON THIS SHEET, LOCAL AMENDMENTS, ITS LOCAL JURISDICTION AND ALL INDUSTRY STANDARDS. ALL WORK SHALL

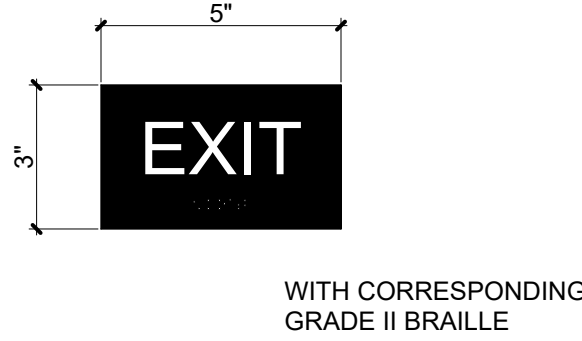


1 LIFE SAFETY PLAN SCALE: 1/4" = 1'-0" 0 2' 4' 8' True NORTH

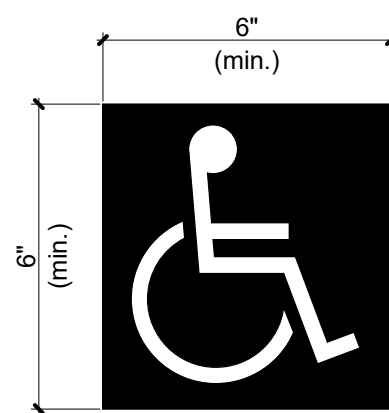
2 FIRE EXTINGUISHER DETAILS SCALE: 1/2" = 1'-0"



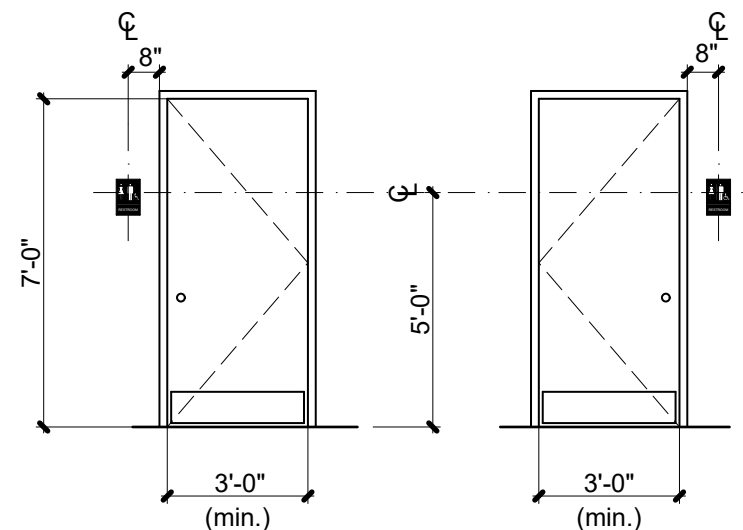
A WALL MOUNTED RESTROOM SIGN (typ.) SCALE: 3" = 1'-0"



B TACTILE SIGN SCALE: 3" = 1'-0"



C INTERNATIONAL ACCESSIBILITY SYMBOL SCALE: 3" = 1'-0"



D TYPICAL MOUNTING HEIGHTS SCALE: 1/4" = 1'-0"

- ACCESSIBILITY SIGNAGE NOTES:
- LETTERS AND NUMBERS SHALL BE RAISED 1/32", UPPER CASE, SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS SHALL BE AT LEAST 5/8" HIGH, BUT NO HIGHER THAN 2". PICTOGRAMS SHALL BE ACCOMPANIED BY THE EQUIVALENT VERBAL DESCRIPTION PLACED DIRECTLY BELOW THE PICTOGRAMS. THE BORDER DIMENSION OF THE PICTOGRAM SHALL BE 6" MINIMUM IN HEIGHT.
 - WHERE PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, SIGNS SHALL BE INSTALLED ON THE WALL ADJACENT TO THE LATCH SIDE OF THE DOOR. WHERE THERE IS NO WALL SPACE TO THE LATCH SIDE OF THE DOOR, INCLUDING AT DOUBLE LEAF DOORS, SIGNS SHALL BE PLACED ON THE NEAREST ADJACENT WALL. MOUNTING HEIGHT SHALL BE 60" A.F.F. TO THE CENTERLINE OF THE SIGN. MOUNTING LOCATION FOR SUCH SIGNAGE SHALL BE SO THAT A PERSON MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN THE SWING OF A DOOR.
 - TOILET ROOM DOOR SYMBOL SHALL BE IN CONTRASTING COLOR.

NOTE:
WALL MOUNTED SIGNAGE TO BE LOCATED ON LATCH SIDE OF DOOR, CLEAR OF DOOR SWING. MOUNT AT 60" TO CENTERLINE OF SIGN FROM FLOOR.

GROUND FLOOR EXIT TRAVEL DISTANCE CHART					
EXIT ACCESS TRAVEL DISTANCE ALLOWED:					
WITHOUT SPRINKLER: 200 FEET					
WITH SPRINKLER: 250 FEET					
COMMON PATH OF TRAVEL ALLOWED: 75 FEET					
EXIT PATH START POINT	COMMON PATH OF TRAVEL	COMMON PATH DISTANCE	EXIT NUMBER	TOTAL DISTANCE TO EXIT	NOTES
A	-	-	EXIT #1	33'-0"	EXISTING
			EXIT #2	44'-5"	EXISTING
B	Bb	71'-1"	EXIT #1	119'-11"	EXISTING
			EXIT #2	99'-8"	EXISTING
C	Cc	53'-8"	EXIT #1	102'-6"	EXISTING
			EXIT #2	88'-7"	EXISTING

ROOM BY ROOM SCHEDULE OF OCCUPANCY USE & EGRESS OCCUPANT LOAD CALCULATIONS						
THIS SHEET ONLY						
(BASED ON LIFE SAFETY CODE)						
ROOM NUMBER	USE	USE CLASS	SIZE SQFT	SQFT/PERSON	NO. PERSONS	
101	RETAIL SALES	M	1,485 SF	(NFPA 101) 30g	50	
101	RETAIL SALES	A2	18 SF	7n	3	
102	HALL	B1	22 SF	150g	1	
102	HALL	A2	30 SF	7n	5	
103	EXISTING HALL	B1	107 SF	150g	1	
104	STORAGE	S2	218 SF	300g	1	
105	HALL	B1	44 SF	150g	1	
106	WORK/COPY	B1	117 SF	150g	1	
107	STORAGE	S2	101 SF	300g	1	
108	EXISTING BREAK ROOM	B1	192 SF	150g	2	
109	EXISTING MANAGER	B1	118 SF	150g	1	
110	EXISTING ELEC/TELECO	S2	31 SF	300g	1	
111	EXISTING JANITOR	S2	24 SF	300g	1	
112	EXISTING RESTROOM	B1	43 SF	150g	1	
113	EXISTING RESTROOM	B1	50 SF	150g	1	
114	EXISTING INVENTORY	S2	319 SF	300g	2	
115	EXISTING OPERATIONS	B1	151 SF	150g	2	
116	EXISTING OPERATIONS	B1	170 SF	150g	2	
TOTAL OCCUPANCY LOAD					77 OCC	
REQUIRED EGRESS WIDTH (INCHES) 77 OCC x 0.2'100CC					15.4"	
PROVIDED EGRESS WIDTH (INCHES)					100"	

- EXITING LEGEND
THIS SHEET ONLY
- STARTING POINT FOR EGRESS TRAVEL
 - STARTING POINT LABEL
 - EGRESS PATH
 - ACCESSIBLE EXIT
 - EXIT #
 - EGRESS WIDTH
 - EXIT SIGN
 - EMERGENCY LIGHT

GENERAL NOTES THIS SHEET ONLY

- HANDLES, PULLS, LATCHES, LOCKS AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR. SEE DOOR SCHEDULE AND APPLICABLE ACCESSIBILITY CODE FOR ADDITIONAL INFORMATION.

KEYNOTES THIS SHEET ONLY

- RELOCATED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER (EQ007). COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- EXISTING FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.

STAMP

CLIENT/OWNER

Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO. REVISION DATE

SHEET TITLE

Life Safety Plan

SHEET NUMBER

10.02

PHASE

Permit Documents

DEMOLITION NOTES
THIS SHEET ONLY

- THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION NOTES ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE CONTRACT LIMITS. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
- THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURAL STABILITY OF THE EXISTING STRUCTURE IN THE AREAS INVOLVING NEW WORK AND FOR PROTECTING THE EXISTING STRUCTURE FROM DAMAGE DURING THE COURSE OF THE WORK. THIS SHALL INCLUDE SUPPLYING AND INSTALLING SHORING, NEEDLES, BULKHEADS AND ANY OTHER ITEMS NECESSARY FOR THE PROTECTION AND STABILITY OF THE BUILDING. NO WORK THAT WILL JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING SHALL BE DONE WITHOUT CONSULTING THE STRUCTURAL ENGINEER OR ARCHITECT.
- THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS AGAINST DAMAGING ANY EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER OF THE PROPERTY SO DAMAGED.
- THE CONTRACTORS SHALL EXAMINE THE DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS AND FAMILIARIZE THEMSELVES WITH THEIR PROVISIONS REGARDING THE REMOVAL OF EXISTING ITEMS AND WORK. THEY SHALL UNDERSTAND THAT ALL ITEMS AND WORK NOT SPECIFICALLY MENTIONED TO BE REMOVED BY THE REQUIREMENT OF OTHER SECTIONS OF THE SPECIFICATIONS SHALL BE REMOVED AS PART OF THE WORK UNDER THIS SECTION.
- CONTRACTOR SHALL REVIEW DEMOLITION DRAWINGS AND COORDINATE WITH ALL OTHER AVAILABLE DRAWINGS. INCLUDE ALL COSTS NECESSARY TO COMPLETE WORK. REVIEW WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK IF ANY CONFLICTING INFORMATION IS PROVIDED.
- THE CONTRACTOR SHALL DISPOSE ALL CONSTRUCTION WASTE IN A LAWFUL MANNER IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS.
- UPON DISCOVERY OF ANY MATERIALS DEEMED OR SUSPECTED TO BE HAZARDOUS, SUCH AS BUT NOT LIMITED TO ASBESTOS OR LEAD PAINTS, MATERIAL SHALL BE LEFT IN ITS PRESENT CONDITION AND THE OWNER OR OWNER'S REPRESENTATIVE CONTACTED.
- THE CONTRACTOR SHALL DISCONNECT, REMOVE, STORE, REINSTALL AND RECONNECT ANY EQUIPMENT TO REMAIN AND/OR REUSED AS REQUIRED TO INSTALL NEW WORK, EQUIPMENT, ETC.
- PATCH AND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
- REPAIR SLAB AND VAPOR BARRIER AS REQUIRED TO MATCH EXISTING, WHERE APPLICABLE.
- DEMOLISH FINISHES AND/OR PREPARE SURFACE ON FRONT OF HOUSE WALLS AS REQUIRED TO INSTALL NEW FINISHES - SEE FURNITURE, FIXTURE AND EQUIPMENT/FINISH PLAN FOR ADDITIONAL INFORMATION.
- SHADED CONSTRUCTION INDICATES EXISTING CONSTRUCTION TO REMAIN.
- ITEMS SCHEDULED FOR REMOVAL ARE INDICATED BY DASHED LINES.
- LOCATION OF TRENCHES SHOWN FOR DIAGRAMATIC PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH PHASING REQUIREMENTS AND VERIZON PROJECT MANAGER TO DETERMINE OPTIMAL LOCATION OF TRENCHES PRIOR TO CUTTING OF SLAB.
- CUTTING AND TRENCHING DEMOLITION WORK IS LIMITED TO EXISTING CONCRETE SLAB FOR NEW ELECTRICAL CONDUITS. IDENTIFY PRECISE FLOOR BOX(S) LOCATION(S) AND DEPTH IN FIELD AS REQUIRED. CONTRACTOR SHALL CONFIRM THAT TRENCHING LOCATIONS SHOWN DO NOT CONFLICT WITH EXISTING BUILDING STRUCTURAL ELEMENTS SUCH AS FOUNDATIONS AND FOOTINGS. THESE ITEMS SHALL REMAIN UNTOUCHED TO ENSURE THE STRUCTURAL INTEGRITY OF THE EXISTING BUILDING.
- ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO SAW CUT AND REMOVE EXISTING CONCRETE SLAB FOR TRENCHING AS REQUIRED FOR NEW ELECTRICAL CONDUITS AND FLOOR BOX(S). - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- ALL DEMOLITION AND EXPOSURE OF INTERIOR SURFACES TO THE EXTERIOR SHALL BE IMMEDIATELY FOLLOWED BY PROTECTIVE CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY PROTECTION IN ALL OPENINGS WHERE EXTERIOR DOORS OR ROOFTOP MECHANICAL EQUIPMENT HAVE BEEN REMOVED/REPLACED/ADDED.

CONSTRUCTION NOTES
THIS SHEET ONLY

- DIMENSIONS ARE TO FACE OF EXISTING WALL, u.n.o.
- DIMENSIONS ARE TO CENTERLINE OR CONTROL POINT OF FIXTURE, u.n.o. - SEE FURNITURE, FIXTURES AND EQUIPMENT SHEET 38.01 FOR ADDITIONAL INFORMATION.
- DIMENSIONS ARE TO FINISHED FACE OF NEW PARTITION, u.n.o. - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL LAYOUT ALL WALLS PRIOR TO LAYOUT OF SLAB CUTS.

LEGEND
THIS SHEET ONLY

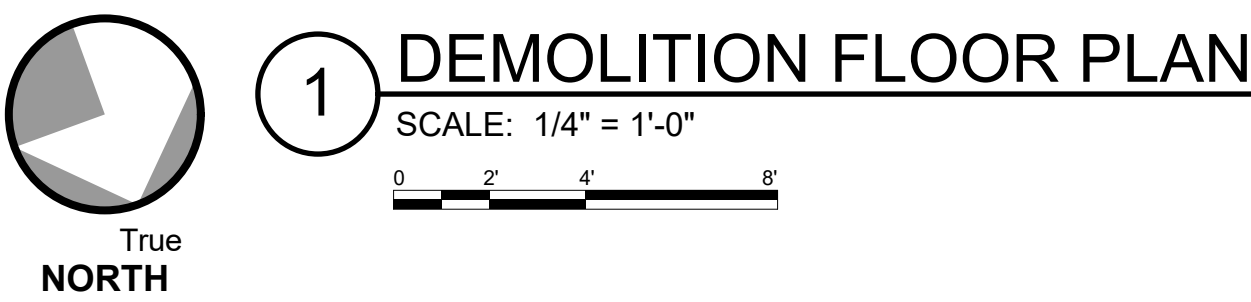
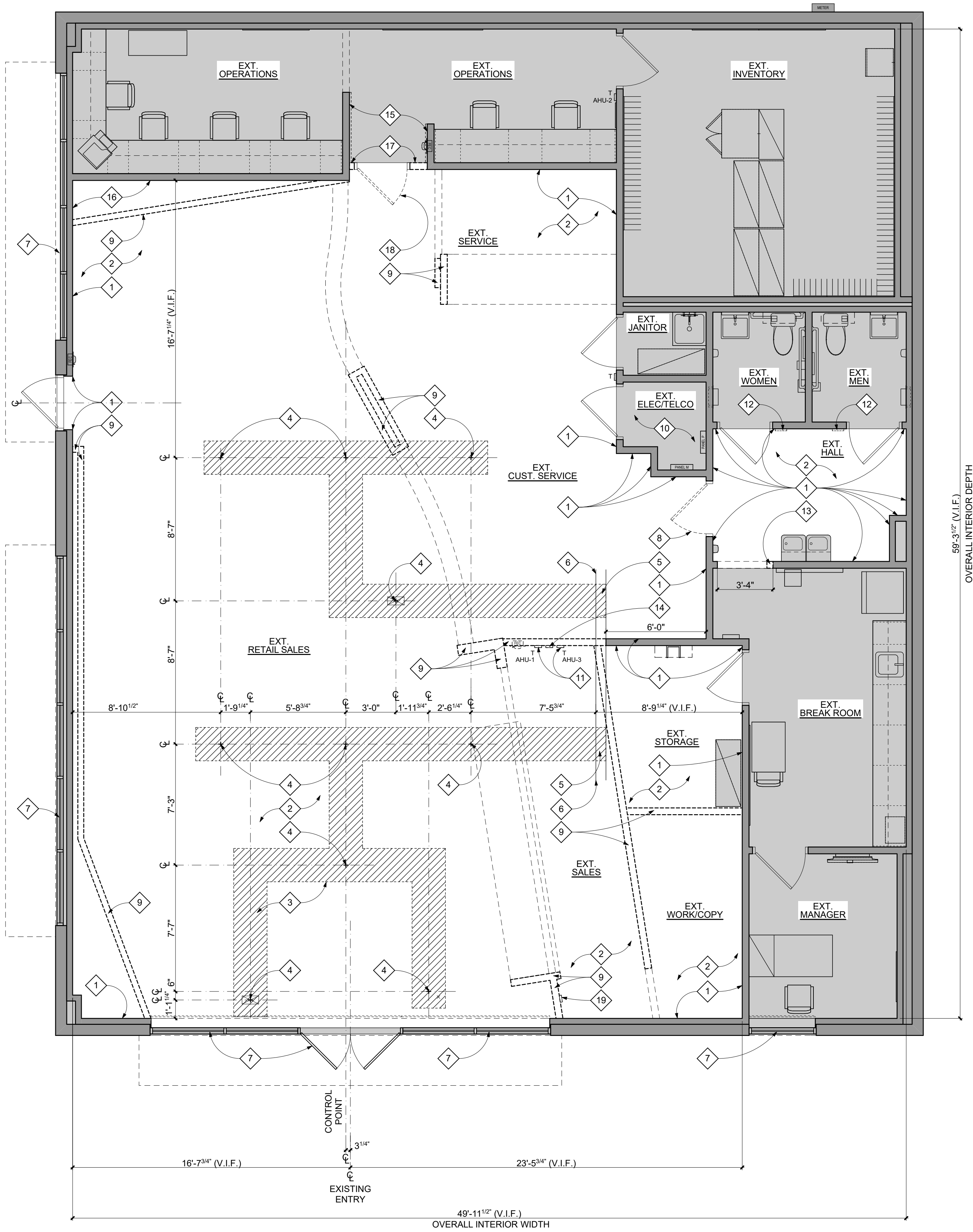
- EXISTING WALL/ DOOR/ CASEWORK, ETC TO REMAIN.
- LOCATION OF NEW WALL TO BE CONSTRUCTED
- AREA OF EXISTING SLAB TO BE REMOVED.
- DEMOLITION ITEMS TO BE REMOVED.

GENERAL NOTES
THIS SHEET ONLY

- CONTRACTOR SHALL CLEAN, PATCH AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL F_x AND F_y \pm 25 PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER & SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1". CONTRACTOR SHALL PROVIDE HALEX CORP. VERSASHIELD PRE-FORMED MOISTURE SUPPRESSION MEMBRANE UNDERLAYMENT OVER TOPPING AND UNDER VINYL FLOORING.
- REMOVE ALL DEBRIS FROM ALL ROOMS (typ.).
- CONTRACTOR SHALL PROVIDE GLASS "PAINT" ON INTERIOR OF ALL STOREFRONT WINDOWS DURING DEMOLITION AND CONSTRUCTION WORK AND REMOVE AFTER CONSTRUCTION IS COMPLETE. COLOR SHALL BE WHITE BY: GLASSMASK, INC. 10818 HAWN FREEWAY, DALLAS, TX 75217, PHONE: (403) 735-0775 FAX: (403) 735-0669 E-MAIL: GLASSM@TELUPLANET.NET
- CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF EXISTING COLUMN LOCATIONS AND SIZES ARE DIFFERENT FROM WHAT OCCURS IN THESE DRAWINGS AND OF ANY UNDOCUMENTED STRUCTURAL COLUMNS OR CONDITIONS, PIPES, ETC., WHICH ARE LOCATED IN THE TENANT SPACE BUT DO NOT APPEAR IN THESE DRAWINGS, SO DRAWINGS CAN BE REVISED AS MAY BE REQUIRED TO ACCOMMODATE THE AS-BUILT CONDITIONS.
- ANY EXISTING DRYWALL FINISH WHICH IS EXISTING TO REMAIN SHALL BE PATCHED, PRIMED AND PAINTED TO "LIKE NEW" CONDITION TO ACCEPT NEW FINISHES. CONTRACTOR SHALL DETERMINE THE BEST METHODS FOR PATCHING OR IF THE DRYWALL WILL NEED TO BE REMOVED AND REPLACED TO ACHIEVE DESIRED FINISH. EXAMPLE: PATCH DRYWALL WHERE ITEMS HAVE BEEN REMOVED SUCH AS, BUT NOT LIMITED TO, ELECTRICAL BOXES, TRIM, MIRRORS, DOOR JAMBS, WALLCOVERING, ETC.
- COORDINATE FINAL LOCATION OF POWER AND DATA WITH MILLWORK AND ELECTRICAL DRAWINGS.
- ALL EXISTING ITEMS NOT BEING REUSED SHOULD BE REMOVED IN ITS ENTIRETY.
- CONTRACTOR SHALL PROVIDE 1-HOUR FIRE RESISTANT TEMPORARY CONSTRUCTION BARRIER, TYPICAL. PROVIDE FULL HEIGHT TO UNDERSIDE OF DECK/FLOOR ABOVE OR TO UNDERSIDE OF HARD CEILING IN NON-SPRINKLERED BUILDINGS.

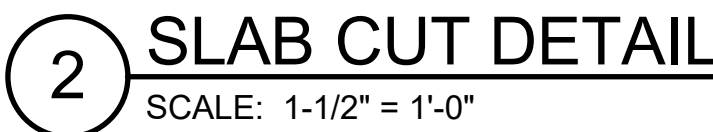
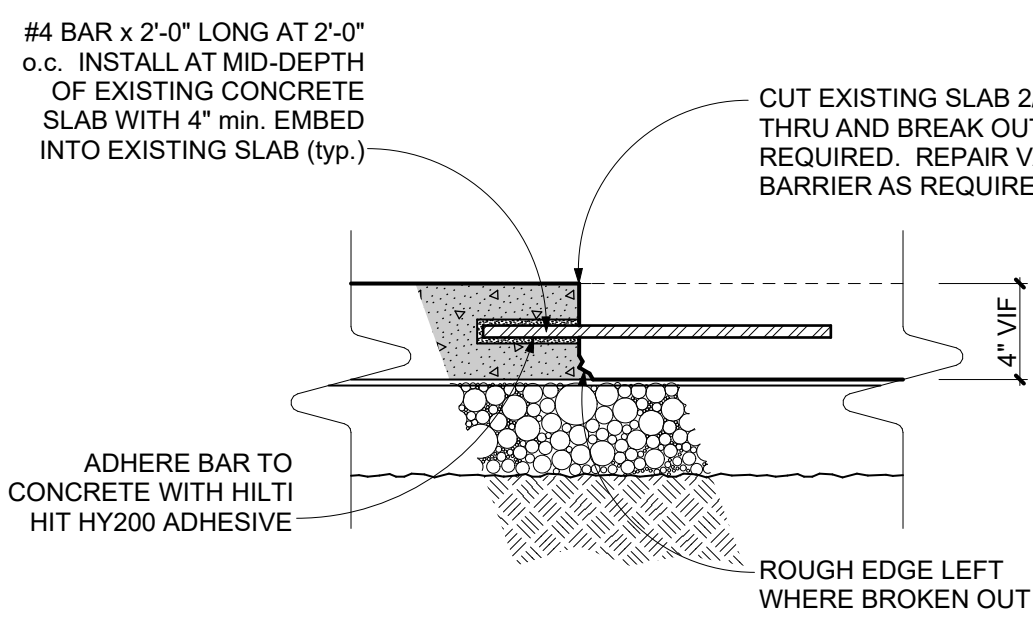
KEYNOTES
THIS SHEET ONLY

- EXISTING WALL/PARTITION TO REMAIN. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISHES AND TO MAINTAIN EXISTING FIRE RESISTANCE RATING (WHERE APPLICABLE) - SEE DEMOLITION NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING FLOOR FINISHES AND BASE. PREPARE AND READY CONCRETE SLAB AS REQUIRED FOR NEW FINISHES - SEE FINISH PLAN FOR ADDITIONAL INFORMATION.
- CUT AND REMOVE EXISTING SLAB AS REQUIRED FOR ELECTRICAL WORK - COORDINATE WITH ELECTRICAL DRAWINGS - SEE SHEET 21.01 FOR SLAB CUT DETAIL.
- CONTROL POINT FOR POWER/DATA FEED TO FIXTURE - SEE ARCHITECTURAL FURNITURE, FIXTURE AND EQUIPMENT PLAN SHEET 38.01 AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXTEND SLAB CUT UNDER WALLS AS REQUIRED TO MAKE CONNECTIONS.
- LOCATION OF FUTURE INTERIOR PARTITION - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING ALUMINUM AND GLASS STOREFRONT SYSTEM TO REMAIN.
- EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE TO BE REMOVED IN THEIR ENTIRETY. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXISTING THERMOSTAT TO BE REMOVED AND RELOCATED - SEE ELECTRICAL DRAWINGS AND FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING RESTROOM SIGNAGE TO BE REMOVED IN ITS ENTIRETY. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN ON PLAN AND UP TO 7'-0" A.F.F. TO ACCOMMODATE NEW DOOR. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING CO2 SENSOR TO BE REMOVED AND RELOCATED - SEE ELECTRICAL DRAWINGS AND FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING WALL BASE AND EXISTING FRP TO BE REMOVED WITHIN LIMITS SHOWN. CONTRACTOR TO PATCH AND REPAIR AS REQUIRED TO ACCEPT NEW FINISHES.
- EXISTING WALL/PARTITION TO REMAIN. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW FINISHES. FIELD VERIFY IF ADDITION OF NEW LAYER OF GWB WILL BE REQUIRED TO BE INSTALLED ON SALES SIDE. - SEE DEMOLITION NOTES THIS SHEET FOR ADDITIONAL INFORMATION.
- EXISTING PARTITION TO BE REMOVED IN ITS ENTIRETY WITHIN LIMITS SHOWN ON PLAN AND UP TO 8'-0" A.F.F. TO ACCOMMODATE NEW BULKHEAD. CONTRACTOR TO PATCH AND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- EXISTING DOOR, FRAME AND ASSOCIATED HARDWARE TO BE REMOVED IN THEIR ENTIRETY.
- EXISTING SECURITY KEYPAD AND ASSOCIATED WIRING TO BE REMOVED AND RELOCATED - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.



CONSTRUCTION NOTES
SLAB CUT DETAIL

- CONTRACTOR TO VERIFY EXISTING SLAB CONSTRUCTION IN FIELD. CONTRACTOR TO NOTIFY ARCHITECT IMMEDIATELY IF SLAB IS A STRUCTURAL SLAB. STRUCTURAL SLAB CONDITION WILL REQUIRE CONTRACTOR TO PROVIDE X-RAY INVESTIGATION TO DETERMINE LOCATION OF STRUCTURAL REINFORCEMENTS PRIOR TO CUTTING OR CORE-DRILLING SLAB.
- FOR NON-STRUCTURAL SLAB ON GRADE CONDITIONS, CONTRACTOR TO CUT EXISTING CONCRETE SLAB 2/3 WAY THRU AND BREAK OUT AS REQUIRED TO PRESERVE EXISTING VAPOR BARRIER. CUT EXISTING VAPOR BARRIER ALONG CENTER OF TRENCH AND FOLD BACK AS REQUIRED FOR INSTALLATION OF CONDUIT AND/OR PLUMBING BENEATH SLAB.
- INSTALL REBAR REINFORCEMENT PER DETAIL AT COLD JOINT BETWEEN EXISTING CONCRETE SLAB AND CONCRETE INFILL.
- HAND TAMP SUB-BASE MATERIAL TO MINIMUM DRY DENSITY OF 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.
- TERMITE TREATMENT TO BE APPLIED TO SOIL.
- REPAIR CUT-SEAM OF EXISTING VAPOR BARRIER TO MAINTAIN ORIGINAL INTEGRITY.
- CONCRETE INFILL TO MATCH THICKNESS OF EXISTING SLAB (typ.). PROVIDE SMOOTH STEEL TROWEL FINISH.



STAMP

CLIENT/OWNER
Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO.	REVISION	DATE

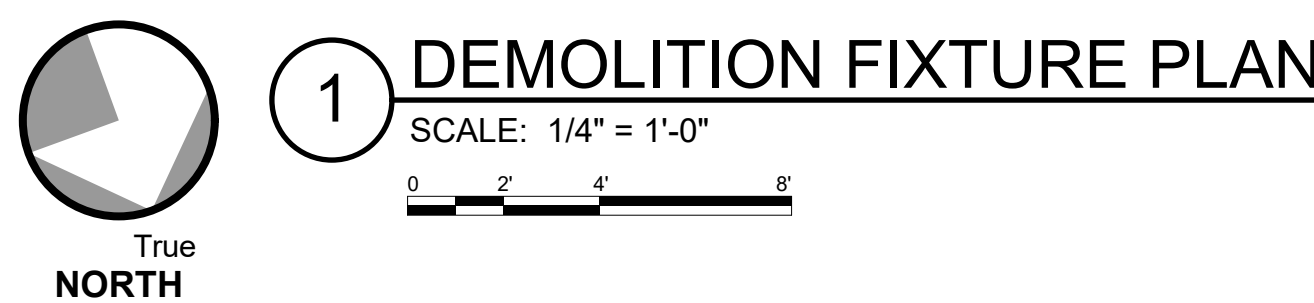
SHEET TITLE

Demolition Floor Plan & Detail

SHEET NUMBER

21.01

Permit Documents



- | | |
|----|---|
| 1 | EXISTING FIXTURE TO BE REMOVED IN ITS ENTIRETY. GENERAL CONTRACTOR TO REMOVE, TRANSFER AND STORE EXISTING FIXTURE IN LOCATION AS DIRECTED BY VERIZON PROJECT MANAGER. SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. |
| 2 | EXISTING CASEWORK TO BE REMOVED IN ITS ENTIRETY. |
| 3 | EXISTING FIRE EXTINGUISHER TO BE RELOCATED. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION. |
| 4 | EXISTING WALL MOUNTED FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. - SEE FLOOR PLAN FOR ADDITIONAL INFORMATION. |
| 5 | EXISTING DIGITAL DISPLAY TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION. |
| 6 | EXISTING FLOOR COPIER TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION. |
| 7 | EXISTING SMART BOARD MONITOR (IG) AND MONITOR BRACKET TO BE REMOVED AND RELOCATED. CONTRACTOR TO PATCH/AND REPAIR EXISTING CONSTRUCTION TO MATCH EXISTING - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION. |
| 8 | EXISTING SHREDDING BIN TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION. |
| 9 | EXISTING FREESTANDING STEEL WIRE SHELVEING TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION. |
| 10 | EXISTING BILL PAY KIOSK TO BE REMOVED IN ITS ENTIRETY. |
| 11 | EXISTING BILL PAY KIOSK TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION. |

CLIENT/OWNER
Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon ✓
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER		17759x15
DRAWN BY		SK
ISSUED DATE		12/20/2022
NO.	REVISION	DATE

SHEET TITLE

Demolition Fixture Plan

SHEET NUMBER

21.02

PHASE

Permit Documents

DEMOLITION NOTES
THIS SHEET ONLY

1. THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION NOTES ALL INCLUSIVE. IT IS THE CONTRACTOR'S RESPONSIBILITY TO INSPECT AND ASSESS EACH AREA AND TO FULFILL THE INTENT OF THE WORK INDICATED BY THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS AND DIMENSIONS WITHIN THE CONTRACT LIMITS. ALL DEVIATIONS FROM THE CONTRACT DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/OWNER.
2. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR THE STRUCTURAL STABILITY OF THE EXISTING STRUCTURE IN THE AREAS INVOLVING NEW WORK AND FOR PROTECTING THE EXISTING STRUCTURE FROM DAMAGE DURING THE COURSE OF THE WORK. THIS SHALL INCLUDE SUPPLYING AND INSTALLING SHORING, NEEDLES, BULKHEADS AND ANY OTHER ITEMS NECESSARY FOR THE PROTECTION AND STABILITY OF THE BUILDING. NO WORK THAT WILL JEOPARDIZE THE STRUCTURAL INTEGRITY OF THE BUILDING SHALL BE DONE WITHOUT CONSULTING THE STRUCTURAL ENGINEER OR ARCHITECT.
3. THE CONTRACTOR SHALL TAKE ALL POSSIBLE PRECAUTIONS AGAINST DAMAGING ANY EXISTING CONSTRUCTION TO REMAIN. ANY DAMAGES CAUSED BY THE CONTRACTOR'S OPERATIONS SHALL BE REPAIRED AT THE CONTRACTOR'S EXPENSE TO THE COMPLETE SATISFACTION OF THE OWNER OF THE PROPERTY SO DAMAGED.
4. THE CONTRACTORS SHALL EXAMINE THE DRAWINGS AND ALL SECTIONS OF THE SPECIFICATIONS AND FAMILIARIZE THEMSELVES WITH THEIR PROVISIONS REGARDING THE REMOVAL OF EXISTING ITEMS AND WORK. THEY SHALL UNDERSTAND THAT ALL ITEMS AND WORK NOT SPECIFICALLY MENTIONED TO BE REMOVED BY THE REQUIREMENT OF OTHER SECTIONS OF THE SPECIFICATIONS SHALL BE REMOVED AS PART OF THE WORK UNDER THIS SECTION.
5. CONTRACTOR SHALL REVIEW DEMOLITION DRAWINGS AND COORDINATE WITH ALL OTHER AVAILABLE DRAWINGS. INCLUDE ALL COSTS NECESSARY TO COMPLETE WORK. REVIEW WITH ARCHITECT PRIOR TO PROCEEDING WITH WORK IF ANY CONFLICTING INFORMATION IS PROVIDED.
6. THE CONTRACTOR SHALL DISPOSE ALL CONSTRUCTION WASTE IN A LAWFUL MANNER IN COMPLIANCE WITH APPLICABLE CODES AND REGULATIONS.
7. UPON DISCOVERY OF ANY MATERIALS DEEMED OR SUSPECTED TO BE HAZARDOUS, SUCH AS BUT NOT LIMITED TO ASBESTOS OR LEAD PAINTS, MATERIAL SHALL BE LEFT IN ITS PRESENT CONDITION AND THE OWNER OR OWNER'S REPRESENTATIVE CONTACTED.
8. THE CONTRACTOR SHALL DISCONNECT, REMOVE, STORE, REINSTALL AND RECONNECT ANY EQUIPMENT TO REMAIN AND/OR REUSED AS REQUIRED TO INSTALL NEW WORK, EQUIPMENT, ETC.
9. PATCH AND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
10. SHADED CONSTRUCTION INDICATES EXISTING CONSTRUCTION TO REMAIN.
11. ITEMS SCHEDULED FOR REMOVAL ARE INDICATED BY DASHED LINES.
12. ALL DEMOLITION AND EXPOSURE OF INTERIOR SURFACES TO THE EXTERIOR SHALL BE IMMEDIATELY FOLLOWED BY PROTECTIVE CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY PROTECTION IN ALL OPENINGS WHERE EXTERIOR DOORS OR ROOFTOP/MECHANICAL EQUIPMENT HAVE BEEN REMOVED/REPLACED/ADDED.
13. EXISTING GRILLES (SUPPLY/RETURN) ARE TO REMAIN IN EXISTING LOCATION. HVAC GRILLES SHALL MATCH CORRESPONDING CEILING COLOR AND SHALL BE REFURBISHED OR REPLACED BEFORE REINSTALLING, UNLESS OTHERWISE NOTED. COORDINATE WITH VERIZON PROJECT MANAGER. NO OTHER MECHANICAL WORK WITHIN SCOPE OF PROJECT - SEE REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
14. EXISTING SECURITY SHUTTERS TO REMAIN (u.n.o.).
15. WHERE APPLICABLE, EXISTING DUCT SMOKE DETECTORS TO BE REMOVED AND SAVED FOR RELOCATION WITHIN NEW CEILING WITHIN ORIGINAL PROXIMITY.
16. **THE TENANT RENOVATION OF THIS SPACE DOES NOT REQUIRE ANY MODIFICATION TO THE HVAC SYSTEM(S) OR AIR DISTRIBUTION TRUCK DUCTWORK. EXCEPT SLIGHT MODIFICATIONS TO AIR DEVICE LOCATIONS DUE TO INSTALLATION OF THE NEW CEILING GRID TO BE INSTALLED AT THE EXISTING CEILING HEIGHT. NO HVAC DRAWINGS WILL BE ISSUED.**

LEGEND
THIS SHEET ONLY

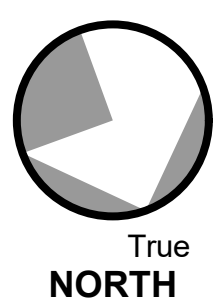
- EXISTING WALL/CEILING/HVAC/LIGHTING, ETC TO REMAIN.
- DEMOLITION ITEMS TO BE REMOVED.

GENERAL NOTES
THIS SHEET ONLY

1. REMOVE ALL DEBRIS FROM ALL ROOMS (typ.).
2. CONTRACTOR SHALL PROVIDE GLASS 'PAINT' ON INTERIOR OF ALL STOREFRONT WINDOWS DURING DEMOLITION AND CONSTRUCTION WORK, AND REMOVE AFTER CONSTRUCTION IS COMPLETE. COLOR SHALL BE WHITE BY: GLASSM&K, INC. 10818 HAWN FREEWAY, DALLAS, TX 75217, PHONE: (403) 735-0775 FAX: (403) 735-0669 E-MAIL: GLASSM@TELUSPLANET.NET
3. ALL EXISTING ITEMS NOT BEING REUSED SHOULD BE REMOVED IN ITS ENTIRETY.
4. GENERAL CONTRACTOR TO REMOVE, TRANSFER AND STORE EXISTING FIXTURES IN LOCATION AS DIRECTED BY VERIZON PROJECT MANAGER.

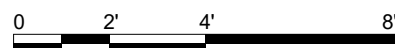
KEYNOTES
THIS SHEET ONLY

1. EXISTING LIGHT FIXTURE TO BE REMOVED IN ITS ENTIRETY (typ.) - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. EXISTING GRILLES (SUPPLY/RETURN) ARE TO REMAIN IN EXISTING LOCATION. HVAC GRILLES SHALL MATCH CORRESPONDING CEILING COLOR AND SHALL BE REFURBISHED OR REPLACED BEFORE REINSTALLING, UNLESS OTHERWISE NOTED. COORDINATE WITH VERIZON PROJECT MANAGER (typ.).
3. EXISTING CEILING TILE AND GRID TO BE REMOVED IN THEIR ENTIRETY. EXISTING BATT INSULATION ABOVE EXISTING CEILING TO BE REMOVED AND REINSTALLED ON TOP OF NEW CEILING (typ.).
4. EXISTING SPEAKER TO BE REMOVED IN ITS ENTIRETY. SEE REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH VERIZON PROJECT MANAGER (typ.).
5. EXISTING GWB BULKHEAD TO BE REMOVED IN ITS ENTIRETY.
6. EXISTING SECURITY DEVICES WITHIN SALES AREA SHALL BE REMOVED IN THEIR ENTIRETY. EXISTING SECURITY DEVICES WITHIN RECONFIGURED BACK OF HOUSE AREAS SHALL BE REMOVED, RELOCATED, AND/OR REPLACED DEPENDING ON SCOPE. CONTRACTOR TO COORDINATE WITH VERIZON PROJECT MANAGER AND SECURITY VENDOR REGARDING NEW SECURITY REQUIREMENTS - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION (typ.).
7. EXISTING EXIT SIGN TO BE REMOVED IN ITS ENTIRETY - SEE ELECTRICAL DRAWINGS AND REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION (typ.).
8. EXISTING SECURITY GRILLES TO REMAIN (typ.).
9. EXTERIOR LIGHT FIXTURE TO REMAIN. (typ.).



1 DEMOLITION REFLECTED CEILING PLAN

SCALE: 1/4" = 1'-0"



CLIENT/OWNER

Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh

2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO.	REVISION	DATE

SHEET TITLE

Demolition
Reflected Ceiling
Plan

SHEET NUMBER

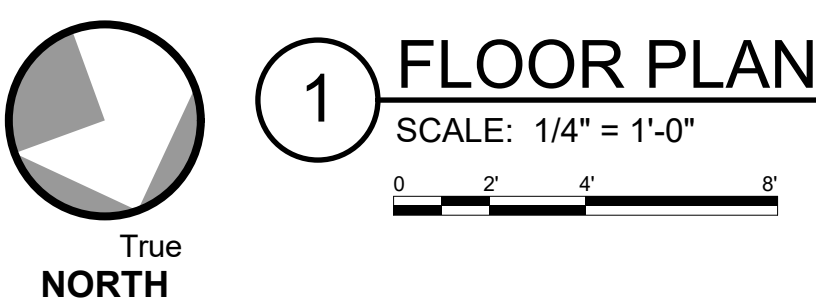
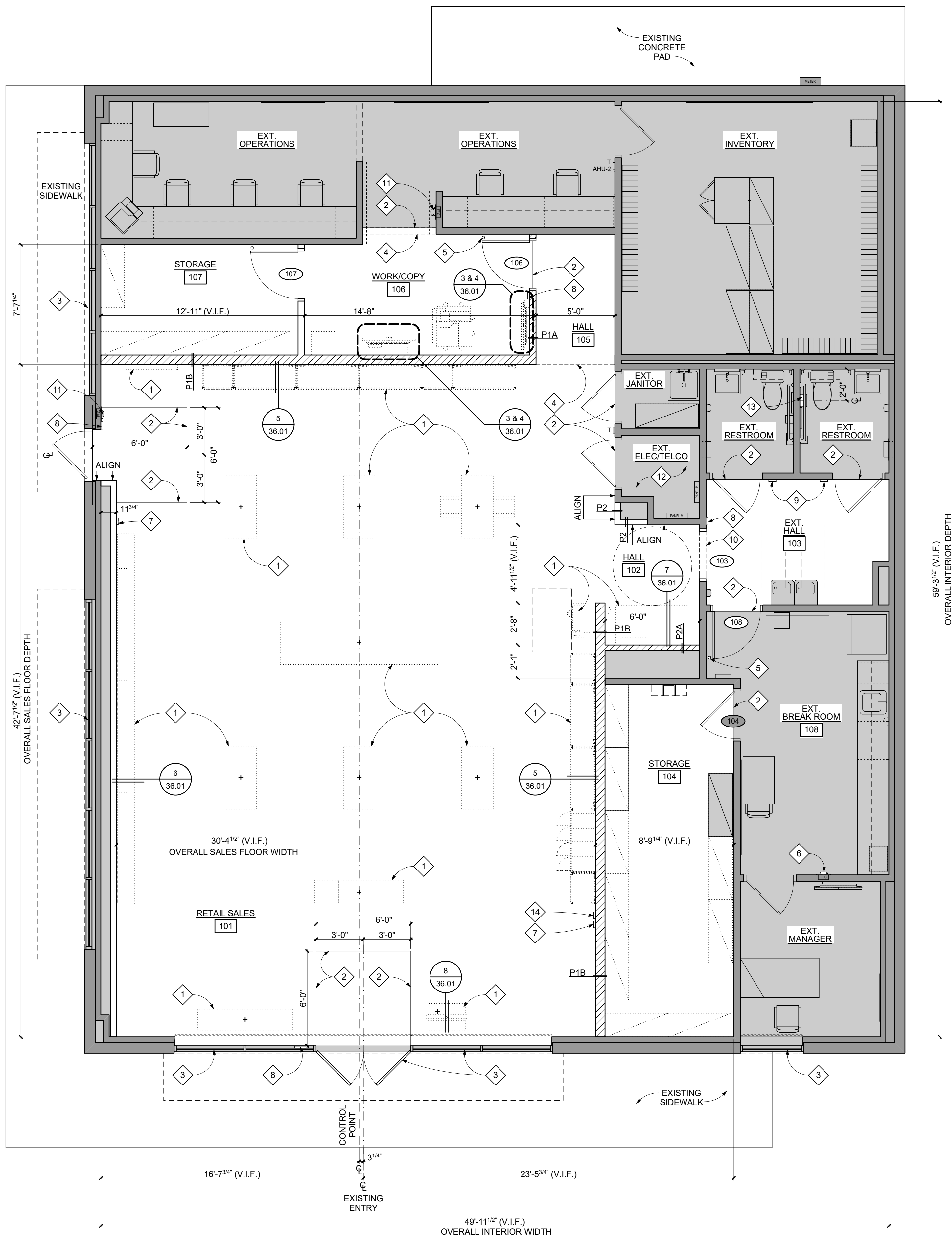
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PHASE

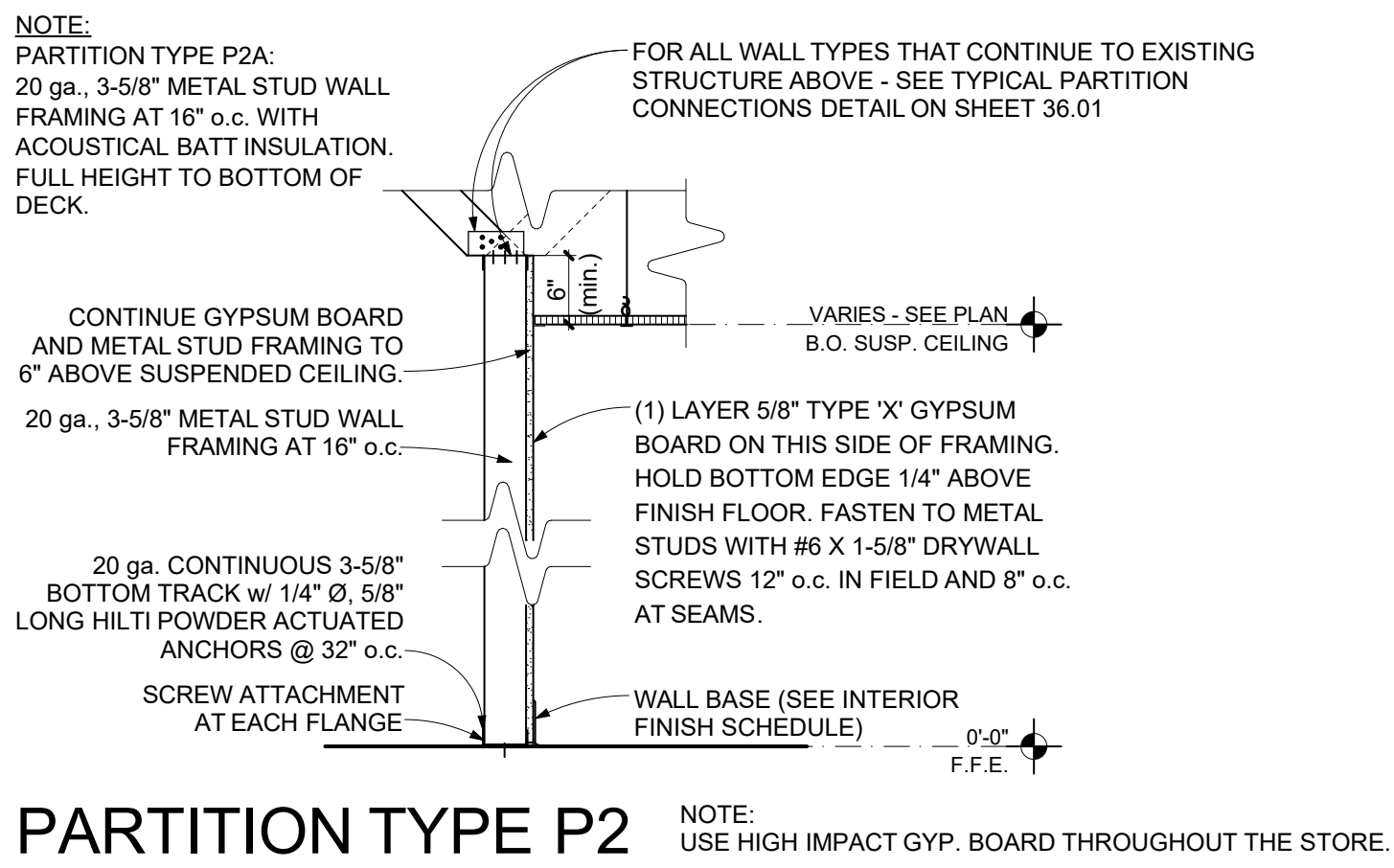
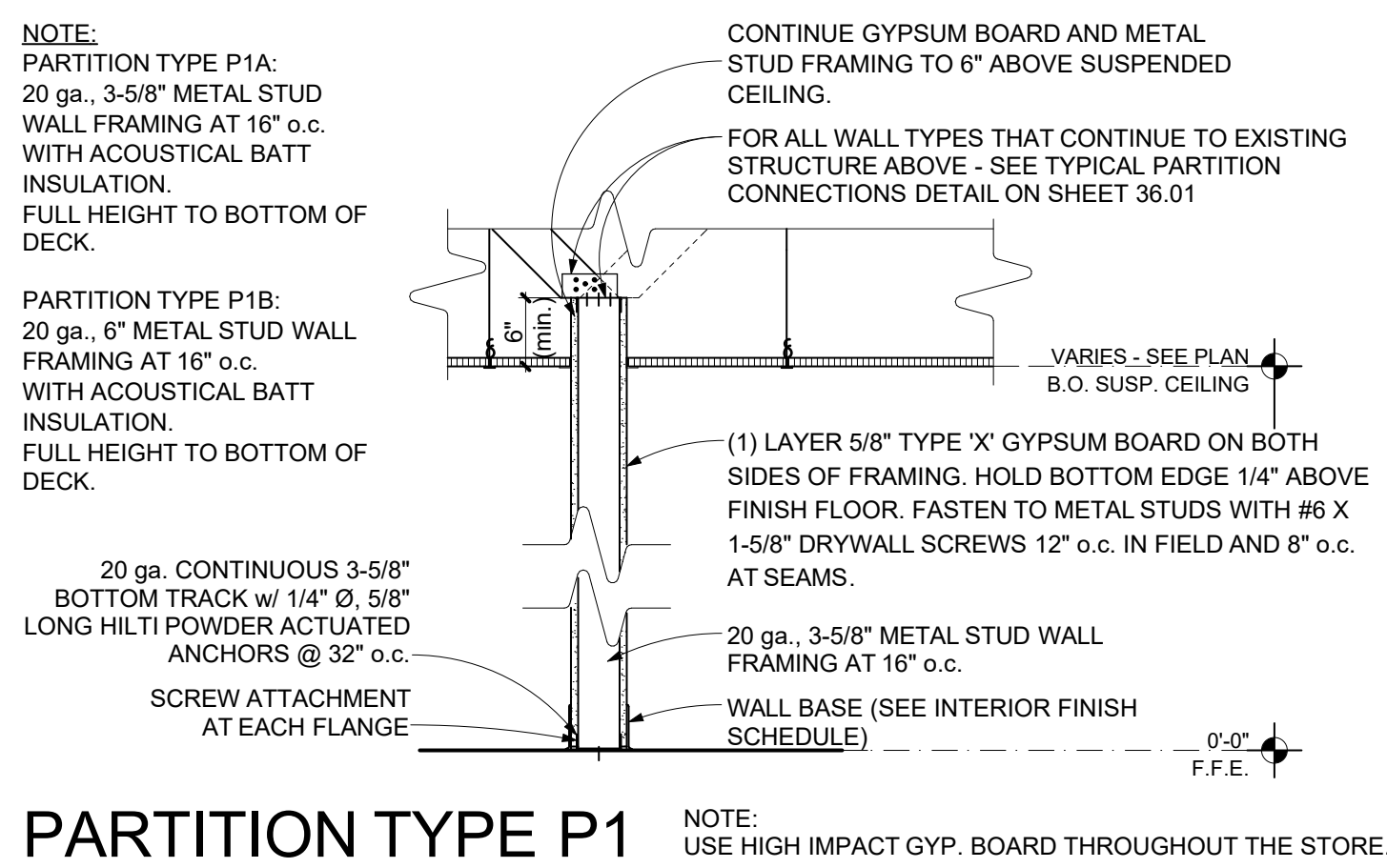
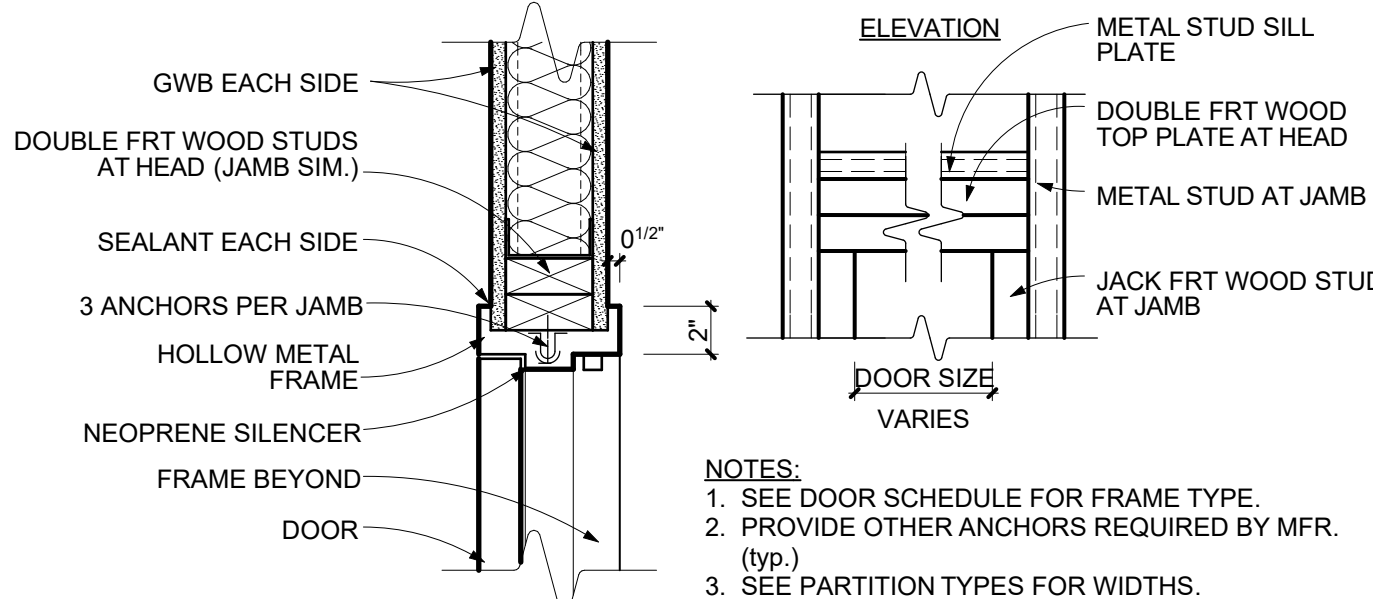
Permit Documents

HVAC DESIGN REQUIREMENTS

HVAC DESIGN REQUIRES	YES	NO
DUCT SMOKE DETECTOR		✓
FIRE DAMPER(S)		✓
SMOKE DAMPER(S)		✓
FIRE RATED ENCLOSURE		✓
FIRE RATED ROOF/FLOOR CEILING ASSEMBLY		✓
FIRE STOPPING		✓
SMOKE CONTROL		✓



2 STUD WALL HEAD DETAIL (JAMB SIM.)
SCALE: 1-1/2" = 1'-0"



CONSTRUCTION NOTES
THIS SHEET ONLY

- ALL PROJECT GENERAL NOTES APPLY.
- DISCREPANCIES: NOTIFY VERIZON PROJECT MANAGER AND CONSTRUCTION MANAGER OF ALL EXISTING CONSTRUCTION NOT SPECIFICALLY NOTED ON THE DRAWINGS; PROCEED ON THOSE ITEMS ONLY AS DIRECTED.
- SEE SHEET 31.01 FOR DOOR SCHEDULE.
- ALL DIMENSIONS ARE FINISH DIMENSIONS, UNLESS NOTED OTHERWISE.
- ALL NEW WALLS SHALL EXTEND 6" (min.) ABOVE SUSPENDED CEILING, UNLESS NOTED OTHERWISE.
- ALL INTERIOR PARTITIONS ARE P1 UNLESS NOTED OTHERWISE.
- 1-HOUR RATED WALL CONSTRUCTION (WHERE APPLICABLE) SHALL BE 20 GA. METAL STUDS AT 16" o.c. WITH (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD BOTH SIDES, FULL HEIGHT TO UNDERLIE OF STRUCTURE ABOVE AND FULL INSULATION. U.L. DESIGN NO. U419.
- ALL NEW DOORS SHALL BE 5" OFF WALL (AT HINGE SIDE), UNLESS NOTED OTHERWISE. SEE STUD WALL HEAD DETAIL (JAMB SIMILAR) ON SHEET 31.01 FOR ADDITIONAL INFORMATION.
- PROVIDE (2) ROWS MINIMUM 8" HIGH BLOCKING ON STUDS AT ALL WALLS WITH CABINETS IN BACK OF HOUSE. PROVIDE MINIMUM 8" HIGH, HORIZONTAL STRAPPING BEHIND WALL MOUNTED FIXTURES IN FRONT OF HOUSE. COORDINATE EXACT POSITIONING WITH MILLWORK AND FIXTURE ITEMS FOR FINAL LOCATION. SEE SHEET 36.01 FOR DETAILS.
- ANY DRYWALL FINISH WHICH IS EXISTING TO REMAIN SHALL BE PATCHED, PRIMED AND PAINTED TO "LIKE NEW" CONDITION AND TO ACCEPT NEW FINISHES. CONTRACTOR SHALL DETERMINE BEST METHODS FOR PATCHING OR IF DRYWALL WILL NEED TO BE REMOVED OR REPLACED TO ACHIEVE DESIRED FINISH. EXAMPLE: PATCH DRYWALL WHERE ITEMS ARE REMOVED SUCH AS, BUT NOT LIMITED TO, ELECTRICAL BOXES, TRIM, MIRRORS, DOOR JAMBS, WALLCOVERING, ETC.
- ALL DRYWALL SHALL BE LEVEL (5) FINISH QUALITY.
- CONTRACTOR SHALL CLEAN, PATCH/AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL $F_0=35$ AND $F_1=25$ PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPLE CONCRETE PRIMER AND SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1". CONTRACTOR SHALL PROVIDE HALEX CORP. VERSASHELD PRE-FORMED MOISTURE SUPPRESSION MEMBRANE UNDERLAYMENT OVER TOPPING AND UNDER VINYL FLOORING.
- THERMOSTATS, FIRE EXTINGUISHERS, CABINETS OR ANY OTHER WALL MOUNTED ARCHITECTURAL ACCESSORY SHALL BE INSTALLED PER PLAN.
- USE HIGH IMPACT GYPSUM BOARD THROUGHOUT THE STORE.
- INTERIOR NON-BEARING WALLS MUST RESIST A MINIMUM HORIZONTAL LOAD TO THE WALL OF 5 PSF; FBC 1607.14 AND FBC BCAP 107.3.5.1.
- INSULATION/ACOUSTICAL BATT USED IN THE WALL CAVITIES MUST HAVE A FLAME SPREAD INDEX OF NOT MORE THAN 100; FBC 603.1(2).

GENERAL SECURITY NOTES
THIS SHEET ONLY

- COORDINATE WITH VERIZON PROJECT MANAGER IN ASSESSING WHAT THE EXTENT OF COMPLIANCE WITH THE LATEST SECURITY STANDARDS SHALL BE PER STORE.
- ADDITIONAL SIGNAGE MAY BE REQUIRED BY REGION- COORDINATE WITH VERIZON PROJECT MANAGER.
- TO ORDER VISUAL GRAPHIC SYSTEMS SIGNAGE CONTACT: ARLETTE DAVIS. ADAVIS@VGS-INC.COM (800)203-0301 EXT. 109
- ALL VINYL SIGNAGE APPLIED TO INSIDE FACE OF STOREFRONT u.n.o.
- REFER TO TYPICAL SIGNAGE DETAILS ON SHEET 10.02 AND LATEST VERIZON SECURITY STANDARDS FOR ADDITIONAL INFORMATION.

LEGEND
THIS SHEET ONLY

- EXISTING WALL/ DOOR/ CASEWORK, ETC. TO REMAIN
- LOCATION OF NEW WALL TO BE CONSTRUCTED
- WALL SYSTEM TO BOTTOM OF DECK
- DENOTES EX FRP-1 TO 52" A.F.F.

GENERAL NOTES
THIS SHEET ONLY

- CONTRACTOR SHALL PROVIDE BLOCKING AT THE FOLLOWING LOCATIONS: TELCO RACK, INVENTORY ROOM WALLS, GRAB BARS, HANDRAILS, WALL HUNG FURNITURE, WALL HUNG CABINETS AND SHELVES, HANGING GLASS WINDOW DISPLAYS AT STOREFRONTS AND AT ALL OTHER LOCATIONS WHERE HANGING POSTERS EQUIPMENT IS BEING WALL OR CEILING/SOFT-FIT HUNG - SEE DETAIL 236.01 FOR ADDITIONAL INFORMATION.
- PROVIDE CONTINUOUS 3/4" x 20" FIRE RATED PLYWOOD BLOCKING WITH BOTTOM AT 70" A.F.F. BEHIND SHELF AND MONITOR MOUNTED TO WALL - SEE TYPICAL WALL BLOCKING DETAILS ON SHEET 36.01 FOR ADDITIONAL INFORMATION.
- CONTINUE GYPSUM BOARD, BATT INSULATION AND METAL STUD FRAMING TO BOTTOM OF DECK IN OPEN CEILING AREAS.
- FOR ALL WALL TYPES THAT CONTINUE TO EXISTING STRUCTURE ABOVE - SEE TYPICAL PARTITION CONNECTIONS ON SHEET 36.01.
- ALL ANGLED INTERIOR WALLS POSITIONED AT 45° ANGLE FROM ORTHOGONAL, UNLESS NOTED OTHERWISE.

KEYNOTES
THIS SHEET ONLY

- RETAIL FIXTURES AND RELATED COMPONENTS - SEE FURNITURE, FIXTURES AND EQUIPMENT PLAN FOR ALL FIXTURE RELATED ITEMS.
- FLOOR FINISH LINE - SEE FINISH PLAN FOR ADDITIONAL INFORMATION.
- EXISTING ALUMINUM AND GLASS STOREFRONT SYSTEM TO REMAIN.
- LINE OF BULKHEAD ABOVE - SEE REFLECTED CEILING PLAN FOR ADDITIONAL INFORMATION.
- DOME DOOR STOP (TYP.).
- RELOCATED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- RELOCATED THERMOSTAT WITH ALL ASSOCIATED ACCESSORIES AND CONTROLS WIRING.
- FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT EXIT SIGN - SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT RESTROOM SIGNAGE. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION (TYP.).
- HOLLOW METAL CASED OPENING - SEE DOOR SCHEDULE FOR ADDITIONAL INFORMATION.
- FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL - SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT SANITARY NAPKIN DISPOSAL (ED833). TOP OF FIXTURE @ 30" A.F.F. (TYP.).
- RELOCATED CO2 SENSOR WITH ALL ASSOCIATED ACCESSORIES AND CONTROLS WIRING.

DOOR SCHEDULE																			
				DOOR		FRAME				HARDWARE									
DOOR NO.	ROOM NUMBER & NAME	SIZE	STYLE	MATERIAL	FINISH	MATERIAL	FINISH	HEAD & JAMB DETAIL	RATING	LOCKSET	FLOOR STOP	CLOSER	KICK-PLATE	ELECTRIC STRIKE	DOOR POSITION CONTACT	CARD READER	COMMENTS		
103	103 EXT. HALL	3'-0" x 7'-0"	CC	CASED OPENING	-	H.M.	PAINT	2/31.01 sim.	NONE	-	-	-	-	-	-	-	FRAMED OPENING WITH NO STOP		
104	104 EXT. STORAGE	EXISTING															B. DOOR SHALL BE UNDERCUT BY 1" TO ALLOW FOR AIR TRANSFER.		
106	106 WORK/COPY	3'-0" x 7'-0" x 1 3/4"	BB	WOOD SOLID CORE & GLASS	PAINT	H.M.	PAINT	2/31.01	NONE	ENTRY-2	YES	YES	YES	YES	YES	YES	A. C. D. WITH 9" x 30" VERTICAL LIGHT KIT WITH TWO-WAY MIRROR GLASS VISION PANEL. ENTRY-2 LOCKSET SHALL BE USED AND CARD ACCESS SHALL BE INSTALLED. CONTRACTOR SHALL INSTALL A PROXIMITY READER. CARD READER INSTALLED ON SALES SIDE. REQUEST TO EXIT (REX) MOTION DETECTOR. BOSCH DS160 TO BE INSTALLED ON BOTH SIDE. DOOR SHALL BE UNDERCUT BY 1" TO ALLOW FOR AIR TRANSFER.		
107	107 STORAGE	3'-0" x 7'-0" x 1 3/4"	AA	WOOD SOLID CORE	PAINT	H.M.	PAINT	2/31.01	NONE	ENTRY-1	YES	YES	YES	NO	NO	NO	A. C. D. DOOR SHALL BE UNDERCUT BY 1" TO ALLOW FOR AIR TRANSFER.		
108	108 EXT. BREAK ROOM	3'-0" x 7'-0" x 1 3/4"	BB	WOOD SOLID CORE & GLASS	PAINT	H.M.	PAINT	2/31.01	NONE	ENTRY-2	YES	YES	YES	YES	YES	YES	A. C. D. WITH 9" x 30" VERTICAL LIGHT KIT WITH TWO-WAY MIRROR GLASS VISION PANEL. ENTRY-2 LOCKSET SHALL BE USED AND CARD ACCESS SHALL BE INSTALLED. CONTRACTOR SHALL INSTALL A PROXIMITY READER. CARD READER INSTALLED ON SALES SIDE. REQUEST TO EXIT (REX) MOTION DETECTOR. BOSCH DS160 TO BE INSTALLED ON BOTH SIDE.		
<div><div><div><div><div><div>COMMENT KEY</div><div>A. LOCKSET SHALL BE OPERATED FROM THE INTERIOR SIDE WITHOUT ANY SPECIAL KNOWLEDGE, EFFORT OR KEY.</div><div>B. EXISTING DOOR</div><div>C. HARDWARE SHALL BE STANDARD CYLINDRICAL LATCH TYPE WITH LEVER HANDLES</div><div>D. ALL FRAMES SHALL BE SHOP PRIMED AND FIELD FINISHED WITH SEMI-GLOSS ENAMEL.</div><div>E. WEATHER-STRIPPED</div></div><div><div>NOTE: CONTRACTOR TO COORDINATE INVENTORY DOOR SECURITY LOCKING WITH VERIZON PROJECT MANAGER AND SECURITY VENDOR.</div></div></div><div><div>DOOR STYLE KEY</div><div>AA FLUSH DOOR</div><div>BB FLUSH DOOR WITH 5" x 35" TWO-WAY MIRROR GLASS VISION PANEL</div></div></div><div><div><div><div><div><div>CONTRACTOR TO VERIFY ALL DOOR HARDWARE WITH VERIZON PROJECT MANAGER PRIOR TO BID SUBMISSION</div><div>DOOR SCHEDULE GENERAL NOTES:</div><div><div>1. REFER TO SECURITY DRAWINGS (SC 1.0, SC 2.0, AND SC 3.0) FOR ADDITIONAL INFORMATION.</div><div>2. ALL CORES SHALL BE MEDICO XT™</div><div>3. KEY ALL EXTERIOR DOORS ALIKE WITH ONE MASTER KEY.</div><div>4. KEY ALL INTERIOR DOORS SEPARATELY WITH ONE MASTER KEY.</div><div>5. LOCKSETS SHALL BE SCHLAGE D SERIES RHODES (LEVER HANDLES). FINISH SHALL BE R608 "SATIN CHROME PLATED," UNLESS OTHERWISE NOTED.</div><div>6. DOOR HANDLES & LOCKSETS TO BE PROVIDED BY SECURITY VENDOR. ALL OTHER DOOR HARDWARE TO BE PROVIDED BY GC.</div><div>7. DOOR FRAMES SHALL HAVE RUBBER SILENCERS, WHICH ARE TO BE INSTALLED AFTER FINAL PAINTING. SILENCERS SHALL BE #307D, GRAY, BY HAGER COMPANIES (800) 325-9995.</div><div>8. ALL DOOR HARDWARE FINISH SHALL BE US280 UNLESS NOTED OTHERWISE.</div><div>9. ALL INTERIOR TRIM HANDLES SHALL BE SCHLAGE RH STYLE.</div><div>10. ALL EXTERIOR TRIM HANDLES SHALL BE VON DUPRIN 06 STYLE.</div><div>11. ALL STOREFRONT (CUSTOMER ENTRY) EXIT DEVICES SHALL USE HEX KEY DOGGING, STANDARD.</div><div>12. SUPRA 8 STOR-A-KEY REQUIRED IN TELCO ROOM WITH CONTROL KEY AND STORE MASTER.</div><div>13. SURFACE ROBS TO BE USED ON RETROFIT APPLICATIONS WITH PERIMETER GLASS DOORS.</div><div>14. CONCEALED ROBS TO BE USED ON NEW PERIMETER GLASS DOORS.</div><div>15. DOORS AND THEIR FRAMES SHALL BE PAINTED ON BOTH SIDES, UNLESS OTHERWISE NOTED.</div><div>16. HANDLES, PULLS, LATCHES, LOCKS, AND OTHER OPERABLE PARTS ON ACCESSIBLE DOORS SHALL HAVE A SHAPE THAT IS EASY TO GRASP WITH ONE HAND AND DOES NOT REQUIRE TIGHT GRASPING, PINCHING, OR TWISTING OF THE WRIST TO OPERATE. OPERABLE PARTS OF SUCH HARDWARE SHALL BE 34 INCHES MINIMUM AND 48 INCHES MAXIMUM ABOVE THE FLOOR. SEE DOOR SCHEDULE AND APPLICABLE ACCESSIBILITY CODE FOR ADDITIONAL INFORMATION.</div><div>17. "ELECTRIFIED" REFERS TO CARD ACCESS LOCATIONS ONLY FOR ELECTRIFIED HARDWARE OR TRIM.</div><div>18. "ACTIVE" REFERS TO THE MAIN DOOR IN A DOUBLE DOOR PORTAL.</div><div>19. "PASSIVE" REFERS TO THE SECONDARY DOOR IN A DOUBLE DOOR PORTAL - EXIT ONLY</div></div></div></div><div><div>OTHER HARDWARE (SEE LOCKSET KEY FOR ADDITIONAL HARDWARE SPECIFIC TO CERTAIN LOCKSET TYPES)</div><div>FLOOR STOPS:<div>#243F DOME STOP, US280 BY HAGER COMPANIES (800) 325-9995.</div></div><div>CLOSERS:<div>INTERIOR DOOR CLOSERS SHALL BE NORTON SERIES 1600 REGULAR ARM BY NORTON DOOR CONTROLS (800) 458-1962, OR APPROVED EQUAL, MOUNTED TO THE PRIVATE SIDE OF THE DOOR.</div><div>EXTERIOR DOOR CLOSERS SHALL BE NORTON SERIES 1600 CLOSERPLUS PARALLEL SPRING ARM BY NORTON DOOR CONTROLS, OR APPROVED EQUAL, MOUNTED TO THE PRIVATE SIDE OF THE DOOR.</div><div>ALL FINISHES TO BE IN ALUMINUM. NORTON FINISH SYMBOL "AL". CONTRACTOR SHALL COORDINATE THE FABRICATION AND INSTALLATION OF ALL DOORS AND METAL FRAMES TO ACCOMMODATE STANDARD DOOR CLOSERS.</div></div><div>KICK-PLATES:<div>#190S, 12" HIGH x 2'-10" WIDE (VERIFY WITH DOOR SIZE) ALUMINUM BY HAGER COMPANIES (800) 325-9995, OR APPROVED EQUAL.</div></div><div>ELECTRIC STRIKES:<div>PROVIDED AND INSTALLED BY SECURITY VENDOR.</div><div>VON DUPRIN 5100</div></div><div>DOOR POSITION CONTACT:<div>PROVIDED AND INSTALLED BY SECURITY VENDOR</div></div><div>CARD READER:<div>PROVIDED AND INSTALLED BY SECURITY VENDOR</div></div></div><div><div>LOCKSET KEY (SEE DOOR SCHEDULE FOR ADDITIONAL HARDWARE SPECIFIC TO EACH DOOR)</div><div>ENTRY-1<div>LOCKED, KEYS WITH THUMBTURN ON INTERIOR SIDE. SCHLAGE MODEL NUMBER ND58SD, WITH SMALL FORMAT INTERCHANGEABLE CORE.</div></div><div>ENTRY-2<div>FIXED, ENTRY BY KEY ONLY-NO THUMBTURN ON INTERIOR SIDE. SCHLAGE MODEL NUMBER ND80SD, WITH SMALL FORMAT INTERCHANGEABLE CORE.</div></div><div>PRIVACY<div>LOCKED; NO KEY. SCHLAGE MODEL NUMBER ND40S.</div></div><div>PASSAGE-1<div>NON-LOCKING; SCHLAGE MODEL NUMBER ND10S, WITH SMALL FORMAT INTERCHANGEABLE CORE.</div></div></div></div></div></div><div><div><div><div><div><div>WIDTH</div><div>HEIGHT</div><div>1'-0"</div><div>2'-10"</div><div>2'-10"</div><div>3'-7" MAX.</div><div>5"</div><div>AA</div><div>BB</div><div>CC</div><div>CASED OPENING</div><div>KICKPLATE (WHEN SPECIFIED)</div><div>FRAME TYPE</div><div>KNOCKDOWN CASED OPENING WITH NO STOP</div></div><div><div>WIDTH</div><div>HEIGHT</div><div>2'-11"</div><div>5"</div><div>PAINT VISION PANEL FRAME TO MATCH DOOR/FRAME</div><div>KNOCKDOWN HOLLOW METAL FRAME</div></div><div><div>WIDTH</div><div>HEIGHT</div><div>2'-11"</div><div>5"</div><div>PAINT VISION PANEL FRAME TO MATCH DOOR/FRAME</div><div>KNOCKDOWN CASED OPENING WITH NO STOP</div></div></div></div></div></div></div></div>																			

CLIENT/OWNER
Verizon
James Baxter
One Verizon Place
281-FAC
Alpharetta, Georgia 30004

PROJECT NAME
Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER		17759x157	
DRAWN BY		SKJ	
ISSUED DATE		12/20/2022	
NO.	REVISION	DATE	

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SHEET TITLE			
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SHEET TITLE
Floor Plan, Details & Door Schedule

SHEET NUMBER
31.01
PERMIT DOCUMENTS

CONSTRUCTION NOTES
THIS SHEET ONLY

- ALL DIMENSIONS ARE FINISH DIMENSIONS, UNLESS OTHERWISE NOTED.
- ALL NEW SUSPENDED CEILINGS SHALL BE AT HEIGHTS AND LOCATIONS INDICATED ON PLANS.
- DIFFUSERS AND GRILLES SHALL MATCH CORRESPONDING CEILING COLOR, UNLESS OTHERWISE NOTED.
- ALL CEILING GRIDS SHALL BE CENTERED IN ROOMS, UNLESS OTHERWISE NOTED.
- CEILING HEIGHT TO BE BASED UPON HIGH POINT IN SLAB WITHIN SPACE. CONTRACTOR TO VERIFY IN FIELD.
- CEILING GRID SYSTEMS SHALL BE INSTALLED WITHOUT VISIBLE FASTENERS FROM BELOW (typ.).
- FOR LIGHTING SPECIFICATIONS - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- SEE SHEET 31.03 FOR FINISH SCHEDULE.
- LIGHTS TO BE CENTERED IN ACOUSTICAL CEILING TILE, UNLESS NOTED OTHERWISE.
- SUSPEND ALL STRUCTURAL ITEMS, WALLS AND WALL FURDOWNS FROM THE TOP CHORD OR EXISTING ROOF BAR JOIST OR OVER PANEL POINTS AT BOTTOM CHORDS. DO NOT SUSPEND ANY ITEMS FROM CEILING GRID OR METAL ROOF DECK.
- THE TENANT RENOVATION OF THIS SPACE DOES NOT REQUIRE ANY MODIFICATION TO THE HVAC SYSTEM(S) OR AIR DISTRIBUTION TRUCK DUCTWORK, EXCEPT SLIGHT MODIFICATIONS TO AIR DEVICE LOCATIONS DUE TO INSTALLATION OF THE NEW CEILING GRID TO BE INSTALLED AT THE EXISTING CEILING HEIGHT. NO HVAC DRAWINGS WILL BE ISSUED.**
- CONTRACTOR SHALL PROVIDE AN AIR TRANSFER ASSEMBLY TO EXISTING SPACES BEING SEPERATED BY NEW PARTITIONS (typ.). ASSEMBLY SHALL CONSIST OF A 20" x 15" SOUND LINED TRANSFER CHANNEL CONNECTED TO 24" x 24" TITUS/PARI AIR DEVICES WITH 18"x18" NECK. FINISH SHALL BE BAKED ENAMEL TO MATCH CEILING. COORDINATE FINAL LOCATION WITH VERIZON PROJECT MANAGER.**

LEGEND
THIS SHEET ONLY

- EXISTING WALL/CEILING/HVAC/LIGHTING, ETC TO REMAIN
- LOCATION OF NEW WALL TO BE CONSTRUCTED

KEYNOTES
THIS SHEET ONLY

- EXISTING SECURITY GATE TO REMAIN. SHOWN FOR REFERENCE ONLY (typ.).
- GYPSUM BOARD BULKHEAD.
- EXIT LIGHT/SIGN - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- SUSPENDED 24" x 24" ACOUSTIC TILE CEILING. REFER TO PLAN FOR CEILING HEIGHTS - SEE ACT DETAIL ON SHEET 31.02 FOR ADDITIONAL INFORMATION. CONTRACTOR TO REVIEW EXISTING CONDITIONS AND VERIFY THAT PROPOSED CEILINGS CAN BE INSTALLED AT CEILING HEIGHTS INDICATED ON PLAN. IF CONFLICT FOUND, CONTACT VERIZON PROJECT MANAGER FOR DIRECTION.
- LAYOUT CEILING TILE PATTERN BY CENTERING (1) ONE FULL CEILING TILE ON CONTROL POINT CENTERLINE.
- SUSPENDED 24" x 48" ACOUSTIC TILE CEILING TO MATCH EXISTING BACK OF HOUSE CEILING TILE (V.I.F.), REFER TO PLAN FOR CEILING HEIGHTS - SEE ACT DETAIL ON SHEET 31.02 FOR ADDITIONAL INFORMATION. CONTRACTOR TO REVIEW EXISTING CONDITIONS AND VERIFY THAT PROPOSED CEILINGS CAN BE INSTALLED AT CEILING HEIGHTS INDICATED ON PLAN. IF CONFLICT FOUND, CONTACT VERIZON PROJECT MANAGER FOR DIRECTION.
- SPEAKERS IN RETAIL/SALES AREA ARE TO BE PROVIDED BY VERIZON AND INSTALLED BY THE GENERAL CONTRACTOR. SPEAKERS SHALL BE WIRED TO PLAY IN-STORE MUSIC, TYPICAL OF 6 - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- INFILL EXISTING BULKHEAD TO 8'-0" A.F.F. MATCH ADJACENT EXISTING CONTRUCTION.
- EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN (typ.).
- INFILL EXISTING BULKHEAD TO 7'-0" A.F.F. TO ACCOMMODATE NEW DOOR. MATCH ADJACENT EXISTING CONTRUCTION.
- CONTRACTOR SHALL PROVIDE AN AIR TRANSFER ASSEMBLY TO EXISTING SPACES BEING SEPERATED BY NEW PARTITIONS (typ.). ASSEMBLY SHALL CONSIST OF A 20" x 6" SOUND LINED TRANSFER CHANNEL CONNECTED TO 24" x 24" TITUS/PARI AIR DEVICES WITH 18"x18" NECK. FINISH SHALL BE BAKED ENAMEL TO MATCH CEILING. COORDINATE FINAL LOCATION WITH VERIZON PROJECT MANAGER.

LIGHT LEGEND

- CUSTOM 16" GOODYEAR PENDANT BARN LIGHT. B.O. LIGHT FIXTURE IS AT 65" A.F.F. - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- CUSTOM 12" GOODYEAR PENDANT BARN LIGHT. B.O. LIGHT FIXTURE IS AT 65" A.F.F. - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- EXIT LIGHT FIXTURE - CEILING, WALL, WITH LIGHTS - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- LED TRACK LIGHT FIXTURE MOUNTED TO CEILING - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- TWO-LIGHT ADJUSTABLE LED ACCENT LIGHT FIXTURE. MOUNTED TO CEILING - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 2 x 2 RECESSED LED FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 2 x 4 RECESSED LED FIXTURE - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- LAY-IN SUPPLY/RETURN GRILLE
- EMERGENCY LIGHT

STAMP

CLIENT/OWNER

Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO.	REVISION	DATE

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SHEET TITLE

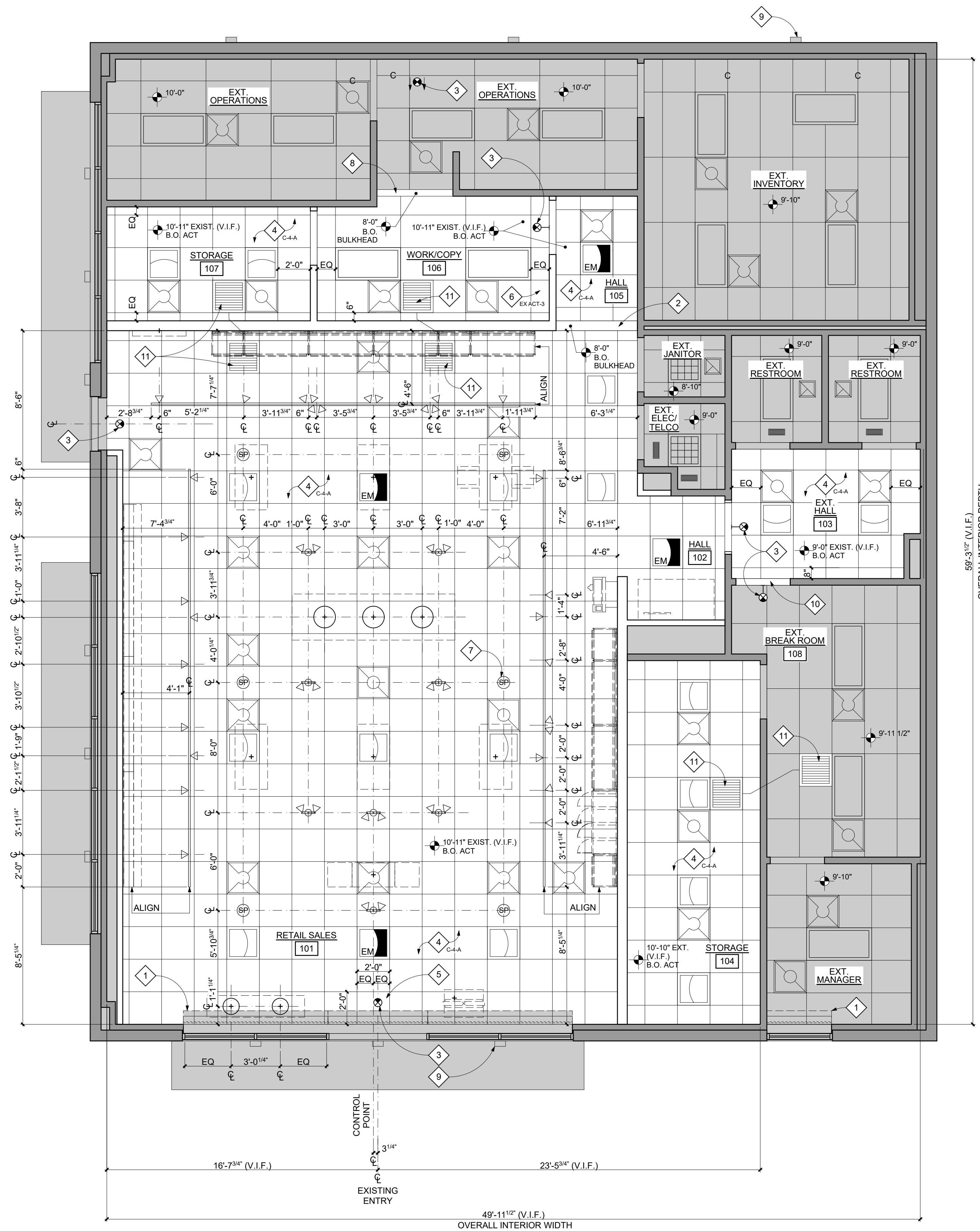
Reflected Ceiling
Plan & Detail

SHEET NUMBER

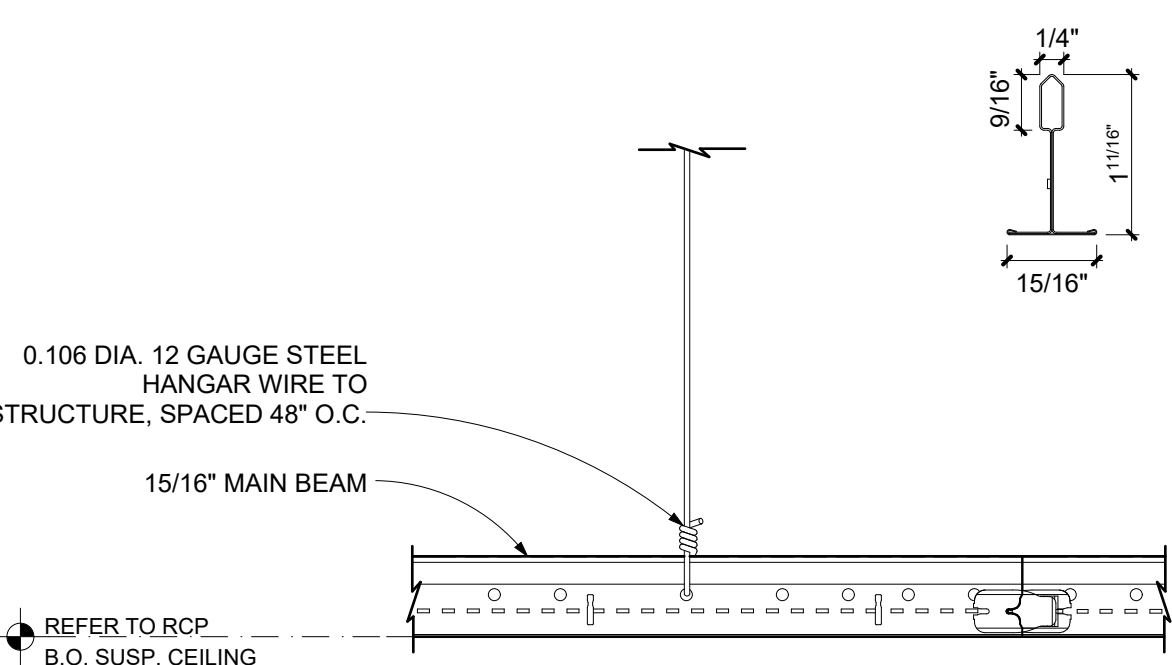
31.02

PHASE

Permit Documents



1 REFLECTED CEILING PLAN
SCALE: 1/4" = 1'-0"
True NORTH

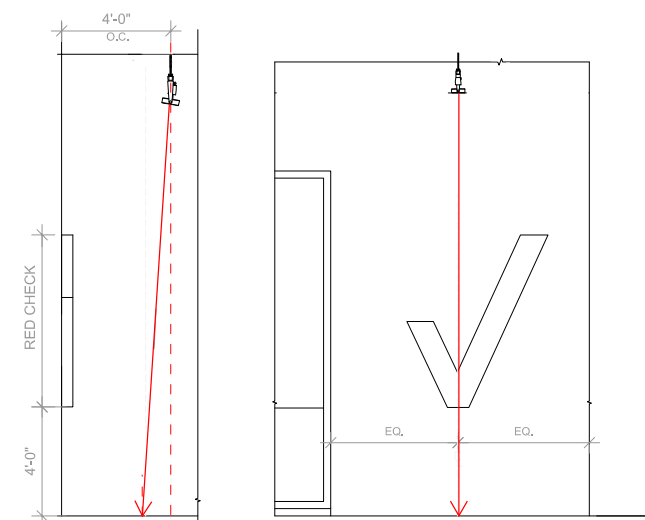


2 ACOUSTICAL CEILING DETAIL
SCALE: 3\"/>

Direct Planning Guide

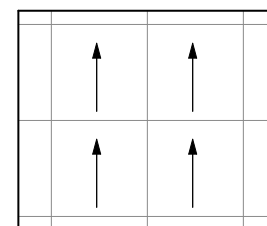
Lighting | Interior Red Check

Illuminate Red Check with track ceiling light fixture. Center the track head with the Red Check as much as possible and aim it at the floor as shown in the diagram. Avoid aiming the track head directly at the Red Check to prevent a hot spot and sharp shadows.

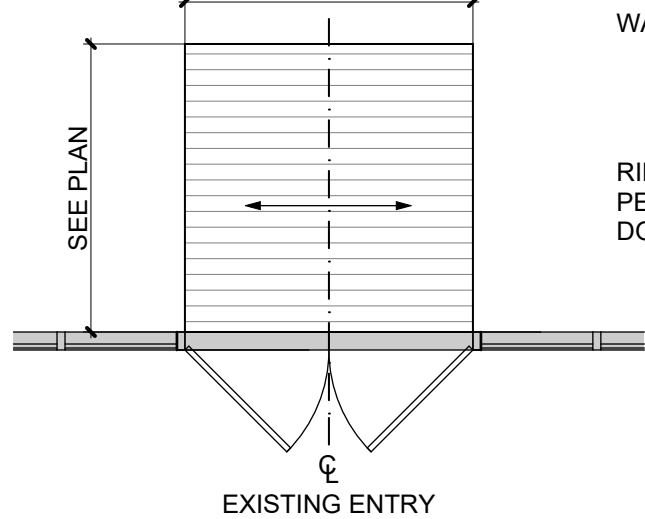


FLOOR FINISH PATTERNS

CARPET TILES (CPT-1) (INSTALLED IN MONOLITHIC PATTERN)



WALK OFF MAT (M-3)



NOTE:
FLOOR SURFACE SHALL BE CLASSIFIED AS "FLAT" WITH SPECIAL
OVERALL $F_r = 35$ AND $F_L = 25$ PER ASTM E1155 STANDARD TEST METHOD.

ESTIMATED FLOOR FINISH SQUARE FOOTAGES

*CONTRACTOR SHALL FIELD VERIFY ACTUAL QUANTITIES

CARPET TILES (CPT-1)	1,443 SF
WALK-OFF MAT (M-3)	69 SF
CARPET TILES (EX C-2)	380 SF

INTERIOR WALL AND CEILING FINISH MATERIALS INDEX

CLASS A: FLAME SPREAD INDEX 0-25
SMOKE/DEVELOPED INDEX 0-450CLASS B: FLAME SPREAD INDEX 26-75
SMOKE/DEVELOPED INDEX 0-450CLASS C: FLAME SPREAD INDEX 76-200
SMOKE/DEVELOPED INDEX 0-450

*SEE FINISH SCHEDULE 31.03 FOR ADDITIONAL INFORMATION

ROOM FINISH SCHEDULE

ROOM #	ROOM NAME	FLOOR	BASE	WALL	CEILING	CABINETS	COUNTERTOP	COMMENTS
101	RETAIL SALES	CPT-1 M-3	WB-1	P-1, P-2	C-4-A	-	-	
102	HALL	CPT-1	WB-1	P-1	C-4-A	-	-	
103	EXT. HALL	CPT-1	WB-1	P-1	C-4-A	-	-	
104	STORAGE	EX C-2 (V.I.F.)	EX VB-2 (V.I.F.)	EX P-3 (V.I.F.)	C-4-A	-	-	
105	HALL	CPT-1	WB-1	P-1, P-2	C-4-A	-	-	
106	WORK/COPY	EX C-2 (V.I.F.)	EX VB-2 (V.I.F.)	EX P-3 (V.I.F.) EX FRP-1 (V.I.F.)	EX ACT-3 (V.I.F.)	-	-	
107	STORAGE	EX C-2 (V.I.F.)	EX VB-2 (V.I.F.)	EX P-3 (V.I.F.)	C-4-A	-	-	

CONSTRUCTION NOTES

THIS SHEET ONLY

- CONTRACTOR SHALL CLEAN, PATCH, AND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL $F_r = 35$ AND $F_L = 25$ PER ASTM E1155 STANDARD TEST METHOD.
- CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER & SELF-LEVELING TOPPING FOR DEPRESSIONS GREATER THAN 1". CONTRACTOR SHALL PROVIDE HALEX CORP. VERSASHIELD PRE-FORMED MOISTURE SUPPRESSION MEMBRANE UNDERLAYERMENT OVER TOPPING AND UNDER VINYL FLOORING.
- VERIFY ALL FLOOR TRANSITIONS IN FIELD PRIOR TO INSTALLATION. CHANGES IN LEVEL BETWEEN 1/4" MIN TO 1/2" MAX SHALL BE BEVELED WITH A SLOPE NOT STEEPER THAN 1:2. CHANGES IN LEVEL GREATER THAN 1/2" HIGH SHALL BE RAMPED AT MAX SLOPE = 1:20. IN ACCORDANCE WITH FFPC 101: 7.2.1.3.
- WITHIN INVENTORY AND STORAGE ROOMS, PROVIDE RED FIRE LINE STRIP: 2" WIDE, RED EX-CEL EXPANDED PVC, CONTINUOUS STRIP WITH 1/8" COUNTERSUNK HOLES @ 18" O.C. ON ALL WALLS. MOUNT TO WALL AT 18" BELOW FINISHED CEILING. QSI TO INSTALL INITIALLY. VERIFY WITH VERIZON CPM.
- BASE IN RETAIL SALES AREA TO BE INSTALLED AFTER PERIMETER FIXTURES HAVE BEEN INSTALLED.
- ALL DIMENSIONS ARE FINISH DIMENSIONS U.N.O.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND BOH EXISTING FINISHES PRIOR TO ORDERING MATERIALS.
- PAINT DOORS & FRAMES IN SALES AREA TO MATCH ADJACENT WALL FINISH, HEAVY DUTY WASHABLE SEMI-GLOSS.
- PAINT DOORS AND FRAMES IN NON-SALES AREA P-3, HEAVY DUTY WASHABLE SEMI-GLOSS.
- ALL DRYWALL SHALL BE LEVEL (5) FINISH QUALITY.
- WALL MOUNTED DISPLAY FIXTURES INCLUDE VENDOR INSTALLED WALL BASE.

FINISH KEY

X-X, X-X
FLOOR FINISH TRANSITION
DENOTES FRP-1 TO 52" A.F.F.

KEYNOTES

THIS SHEET ONLY

- LAYOUT PATTERN BY CENTERING (1) ONE FULL CARPET TILE ON CENTERLINE OF ENTRANCE DOOR(S).
- LAYOUT BY CENTERING OVERALL WALKOFF MAT WIDTH ON CENTERLINE OF DOOR(S).
- CORNER GUARDS TO MATCH ADJACENT PAINT FINISH - SEE FINISH SCHEDULE FOR ADDITIONAL INFORMATION.
- EXISTING PARTITION TO BE PAINTED FULL HEIGHT FROM CORNER TO CORNER AND MATCH EXISTING BOH CONSTRUCTION (V.I.F.).
- PAINT TO MATCH EXISTING ADJACENT CONSTRUCTION (V.I.F.).
- FLOOR FINISH TRANSITION LINE.

NEXTGEN INTERIOR FINISHES				NOTE: SEE FINISH PLAN SHEET	
SYMBOL	ITEM	MANUFACTURER	SPECIFICATION AND COLOR	NOTES	
CPT-1	CARPET TILE FLOORING	PATCRAFT CONTACT: TOM CONWAY TOM.CONWAY@PATCRAFT.COM D: (800) 241-4614 C: (503) 307-4592	STYLE: #42JPC COLOR: 522 SIZE: 24" x 24" INSTALLATION: MONOLITHIC PATTERN BACKER: ECOLOGIX INTERIOR FLOOR FINISH RADIANT FLUX: CLASS I	CARPET IS PROVIDED BY VERIZON AND INSTALLED BY THE GC	
EX C-2	CARPET TILE FLOORING	PATCRAFT CONTACT: TOM CONWAY TOM.CONWAY@PATCRAFT.COM D: (800) 241-4614 C: (503) 307-4592	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: CARPET TILE NUMBER: R241X SIZE: 24" x 24" INSTALLATION: MATCH EXISTING (V.I.F.) BACKER: ECOLOGIX INTERIOR FLOOR FINISH RADIANT FLUX: CLASS I	CARPET IS PROVIDED BY VERIZON AND INSTALLED BY THE GC	
M-3	ENTRANCE MAT	PORTICO SYSTEMS ORDERS SENT TO: verizonorders@porticosystems.com COPY MIKE BEDFORD ON ORDERS: mbedford@porticosystems.com 102 TRADE STREET GREER, SC 29651 CELL (612) 209-4574 OFFICE (652) 470-4576 FAX (652) 470-4302 WWW.PORTICOSYSTEMS.COM	FRONT RUNNER PLUS, LP (1/2") WALK OFF GRID COLOR: GREY 807 CARPET STRIPS MAT SIZE: 6' x 8' (STANDARD) AND 8' x 10' (LARGE) OVERALL THICKNESS: 1/2" (2MM) TRANSITION BORDER: CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE FIRE RESISTANCE (ASTM E648) CLASS 1	IF STORE HAS A SECURITY GRILLE, THE WIDTH OF THE MAT MAY BE REDUCED TO ALIGN WITH DOUBLE DOORS TO AVOID CONFLICT WITH POSTS OR FULL WIDTH OF FLOOR TILES. ENTRY MAT AT BACK DOOR: FULL WIDTH OF CORRIDOR. VERIFY DEPTH WITH FINAL APPROVED FLOOR PLAN. TILE TO BE PROVIDED AND INSTALLED BY GC OR FLOORING CONTRACTOR SUPPLIES CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE.	
M-3	ENTRANCE MAT AT SIDE DOOR	PORTICO SYSTEMS ORDERS SENT TO: verizonorders@porticosystems.com COPY MIKE BEDFORD ON ORDERS: mbedford@porticosystems.com 102 TRADE STREET GREER, SC 29651 CELL (612) 209-4574 OFFICE (652) 470-4576 FAX (652) 470-4302 WWW.PORTICOSYSTEMS.COM	FRONT RUNNER PLUS, LP (1/2") WALK OFF GRID COLOR: GREY 807 CARPET STRIPS MAT SIZE: 6' DEEP, WIDTH (SEE FINISH PLAN) TO BE 6' x 8' IF POSSIBLE OVERALL THICKNESS: 1/2" (2MM) TRANSITION BORDER: CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE FIRE RESISTANCE (ASTM E648) CLASS 1	ENTRY MAT AT BACK DOOR: VERIFY WIDTH AND DEPTH WITH FINAL APPROVED FLOOR PLAN. TILE TO BE PROVIDED AND INSTALLED BY GC OR FLOORING CONTRACTOR SUPPLIES CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE.	
WB-1	RESILIENT WALL BASE	TARGET CONTACT: KEVIN TIERNAN VERIZON CONTACT: KEVIN TIERNAN VP STRATEGIC ACCOUNTS T: (404) 803-4340 C: (713) 204-7664	JOHNSONITE MASQUERADE VIEWPOINT WALL BASE SIZE: 4" HIGH x 3/8" THICK COLOR: JOHN MW-66V STERLING SILVERADO FIRE RESISTANCE: ASTM E 84 NFPA 255 FLAME/SMOKE - CLASS 1 ALERS THIN 450 NOTE: USE NATIONAL PROGRAM #10538 WHEN ORDERING	MITER CUT THE ENDS AT INSIDE AND OUTSIDE CORNERS BASE TO BE PROVIDED AND INSTALLED BY GC.	
EX VB-2	EXISTING RESILIENT WALL BASE	JOHNSONITE CONTACT: THERESA THOMAS (440) 705-9318 THERESA.THOMAS@TARKETT.COM	MATCH EXISTING BACK OF HOUSE (V.I.F.) JOHNSONITE VINYL COVE BASE SIZE: 4" HIGH ROLL STOCK COLOR: 40 "BLACK" FIRE RESISTANCE: ASTM E 84 NFPA 255 (FLAME/SMOKE) - CLASS 1 B, 450: ASTM E648 NFPA 255 CRIT. RADIANT FLUX - CLASS 1	MITER CUT THE ENDS AT INSIDE AND OUTSIDE CORNERS	
C-4-A	ACOUSTICAL CEILING TILE	ARMSTRONG CONTACT: MAUREEN CONE PH: (703) 433-6701 MMCONC@ARMSTRONG.COM	ARMSTRONG NAME/PATTERN: "ULTIMA" 1910 COLOR: WHITE SURFACE/FINISH: FIRE RATING CLASS A SIZE: 24" x 24" x 5/8" GRID: PRELUDE XL 15/16" EXPOSED TEE IN WHITE EDGE PROFILE: 15/16" SQUARE LAY-IN		
EX ACT-3	ACOUSTICAL CEILING TILE	ARMSTRONG CONTACT: MAUREEN CONE PH: (703) 433-6701 MMCONC@ARMSTRONG.COM	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: ARMSTRONG "FINE FISURED" 1729 COLOR: WHITE SURFACE/FINISH: FIRE RATING CLASS A SIZE: 24" x 48" x 5/8" GRID: PRELUDE XL 15/16" EXPOSED TEE IN WHITE EDGE PROFILE: 15/16" SQUARE LAY-IN		
EX FRP-1	ACROVYN	CONSTRUCTION SPECIALTIES PRICING REQUESTS, PURCHASE ORDERS, ORDER FORMS, ORDER STATUS QUESTIONS CONTACT: nationalaccounts@cs-sgroup.com IN THE EVENT THAT ANY ISSUES ARE EXPERIENCED, DIRECT POINT OF CONTACT IS: KIMBERLY SEARS NATIONAL ACCOUNTS SALES MANAGER PH: (978) 719-2487 ksears@cs-sgroup.com	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: ACROVYN BY GRAND ENTRANCE COLOR: "OYSTER GRAY" TEXTURE: SUEDE THICKNESS: .040 THICKNESS SHEET SIZE: 4'-0" x 8'-0"	TOP OF ACROVYN TO BE INSTALLED @ 52" A.F.F. BOTTOM OF ACROVYN TO BE INSTALLED AT TOP OF WALL BASE. INSTALLED ON WET WALLS ONLY (BEHIND PLUMBING FIXTURES, ON HAND DRYER WALL AND UNDER BREAK AREA COUNTER).	
EX CG	CORNER GUARD	CONSTRUCTION SPECIALTIES PRICING REQUESTS, PURCHASE ORDERS, ORDER FORMS, ORDER STATUS QUESTIONS CONTACT: nationalaccounts@cs-sgroup.com	MATCH EXISTING BACK OF HOUSE (V.I.F.) COLOR: "OYSTER GRAY" PRODUCT: WA-04 SERIES 10'-0" FULL HEIGHT FIRE RATINGS: CLASS A	CORNER GUARDS PROVIDED AND INSTALLED BY GC	

PAINT COLORS - BENJAMIN MOORE

P-1	MANUFACTURER: BENJAMIN MOORE PRODUCT LINE: ULTRA SPEC, SCUF-X COLOR: OC-149 "DECORATOR'S WHITE" FINISH: SEE PAINT NOTES BELOW LOCATION: FRONT OF HOUSE WALLS
P-2	MANUFACTURER: BENJAMIN MOORE PRODUCT LINE: REGAL SELECT COLOR: 1616 "STORMY SKY" FINISH: SEE PAINT NOTES BELOW LOCATION: FRONT OF HOUSE ACCENT WALL (COOL GRAY 10)
EX P-3	MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: MANUFACTURER: SHERWIN WILLIAMS PRODUCT LINE: DURATION COLOR: SW-7030 "ANEM GRAY" FINISH: SEE PAINT NOTES BELOW LOCATION: BACK OF HOUSE WALLS, DOORS AND FRAMES

PAINT NOTES

TYPICAL APPLICATION AND INSTALLATION

WALLS: EGGSHELL ON WALLS AND SOFFITS
DOORS & FRAMES: SEMI GLOSS ALKYD
CEILING: MATTE LATEX

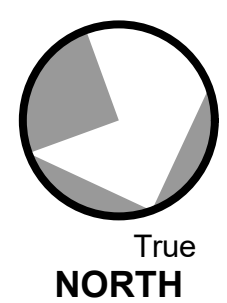
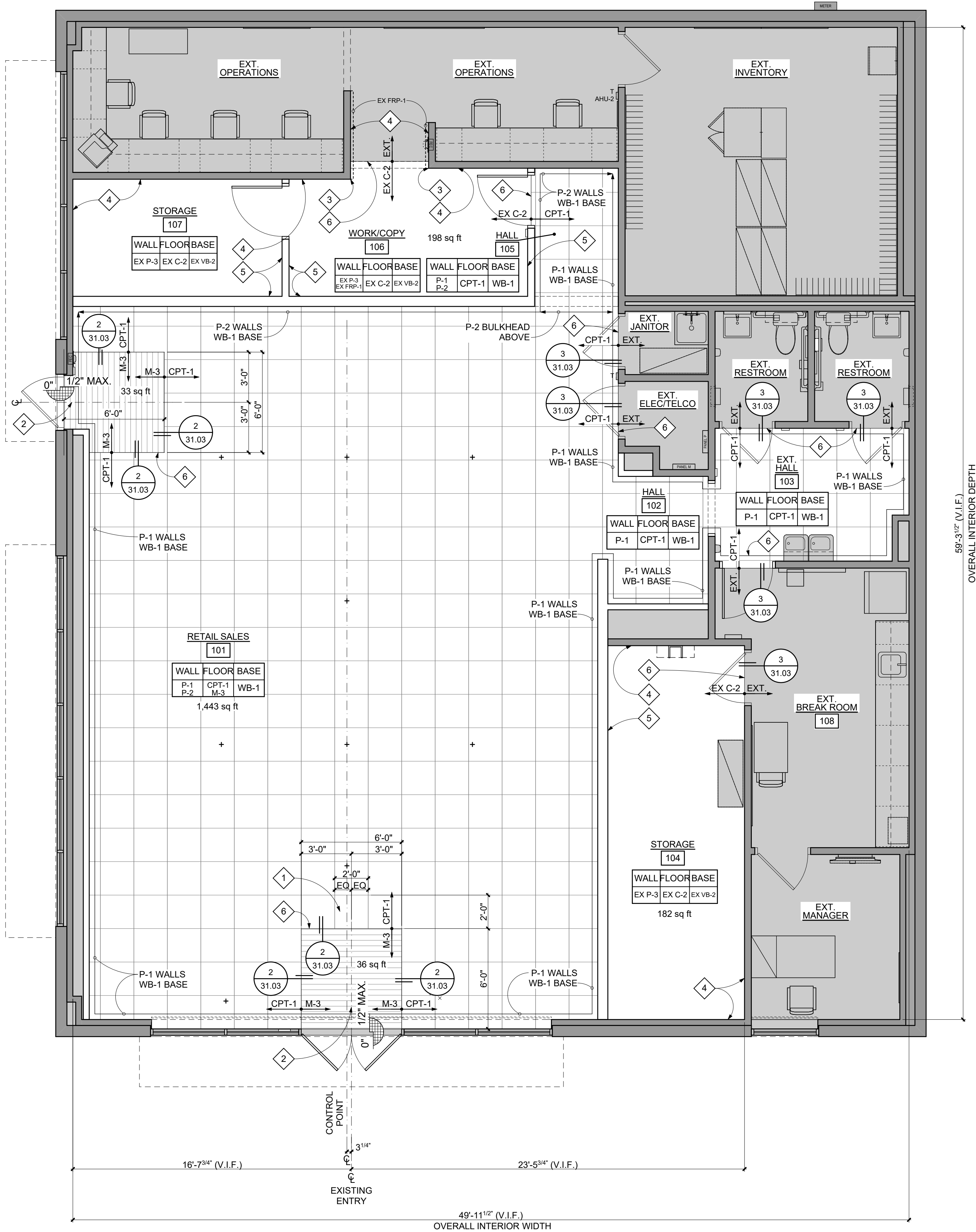
NOTE: ADD BONDING PRIMER FOR METAL

SALES FLOOR ACCENT WALL:
LEVEL 5 SEAMLESS FINISHGYPSUM BOARD:
PAINTED (P-1)

GYPSUM BOARD RECEIVING LATEX PAINT SHALL BE PRIMED WITH ONE (1) COAT OF VINYL PLASTIC SEALER PRIOR TO RECEIVING TWO (2) COATS OF FINISH PAINT.

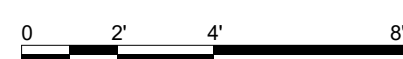
WOOD TRIM:

WOOD TRIM RECEIVING ALKYD OR ENAMEL PAINT SHALL BE PRIMED WITH ONE (1) COAT OF ENAMEL UNDERCOATER PRIOR TO RECEIVING TWO (2) COATS OF PAINT.

BENJAMIN MOORE CONTACT:
MICHAEL ECKE
T: (201) 949-6130
MICHAEL.ECKE@BENJAMINMOORE.COMTrue
NORTH

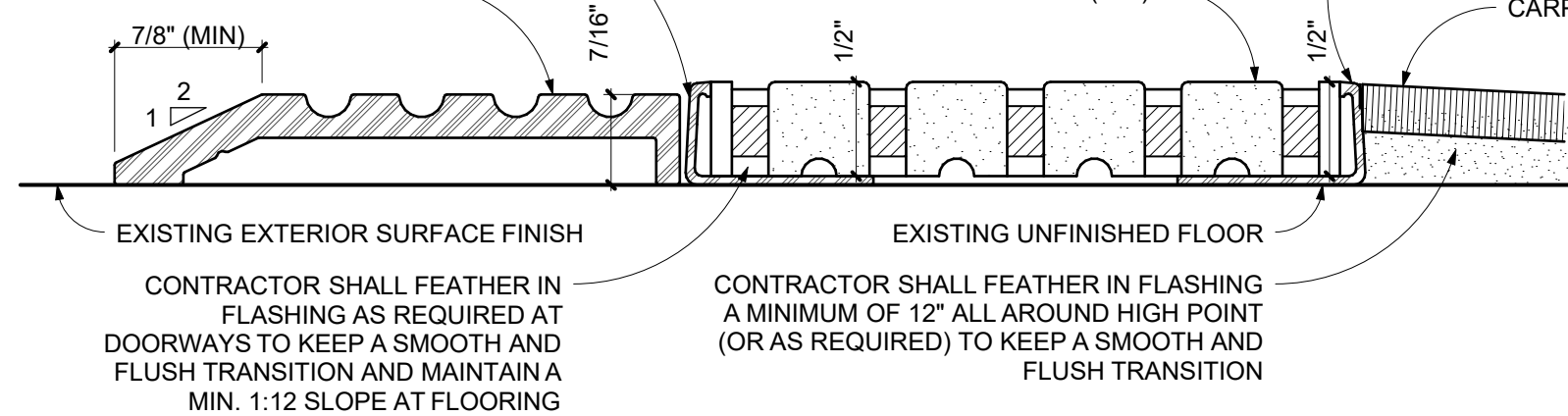
1 FINISH PLAN

SCALE: 1/4" = 1'-0"



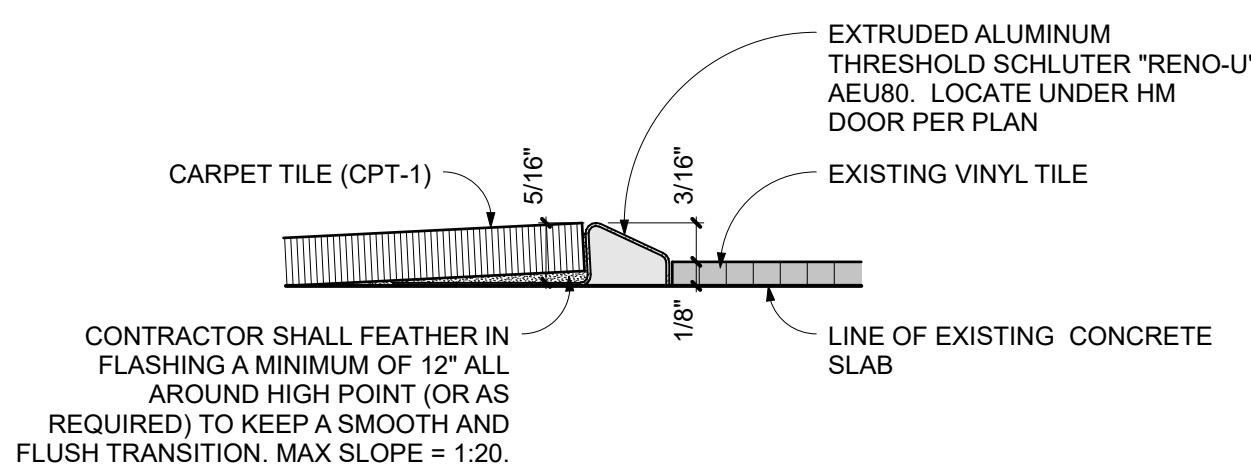
CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE "SCHIENE" AE110 (VERIFY HEIGHT AS REQUIRED) BY SCHLUTER SYSTEMS OR APPROVED EQUAL. GC OR FLOORING CONTRACTOR SUPPLIES CUSTOM ANGLE.

ADA COMPLIANT ALUMINUM HALF SADDLE THRESHOLD. REPLACE EXISTING THRESHOLD AS REQUIRED.



2 ADA THRESHOLD TO WALK OFF MAT TO CARPET TILE

SCALE: 3" = 1'-0"



3 CARPET TILE TO EXISTING VINYL TILE

SCALE: 3" = 1'-0"

STAMP

CLIENT/OWNER

Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO. REVISION DATE

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SHEET TITLE

Finish Plan,
Transition Details &
Schedules

SHEET NUMBER

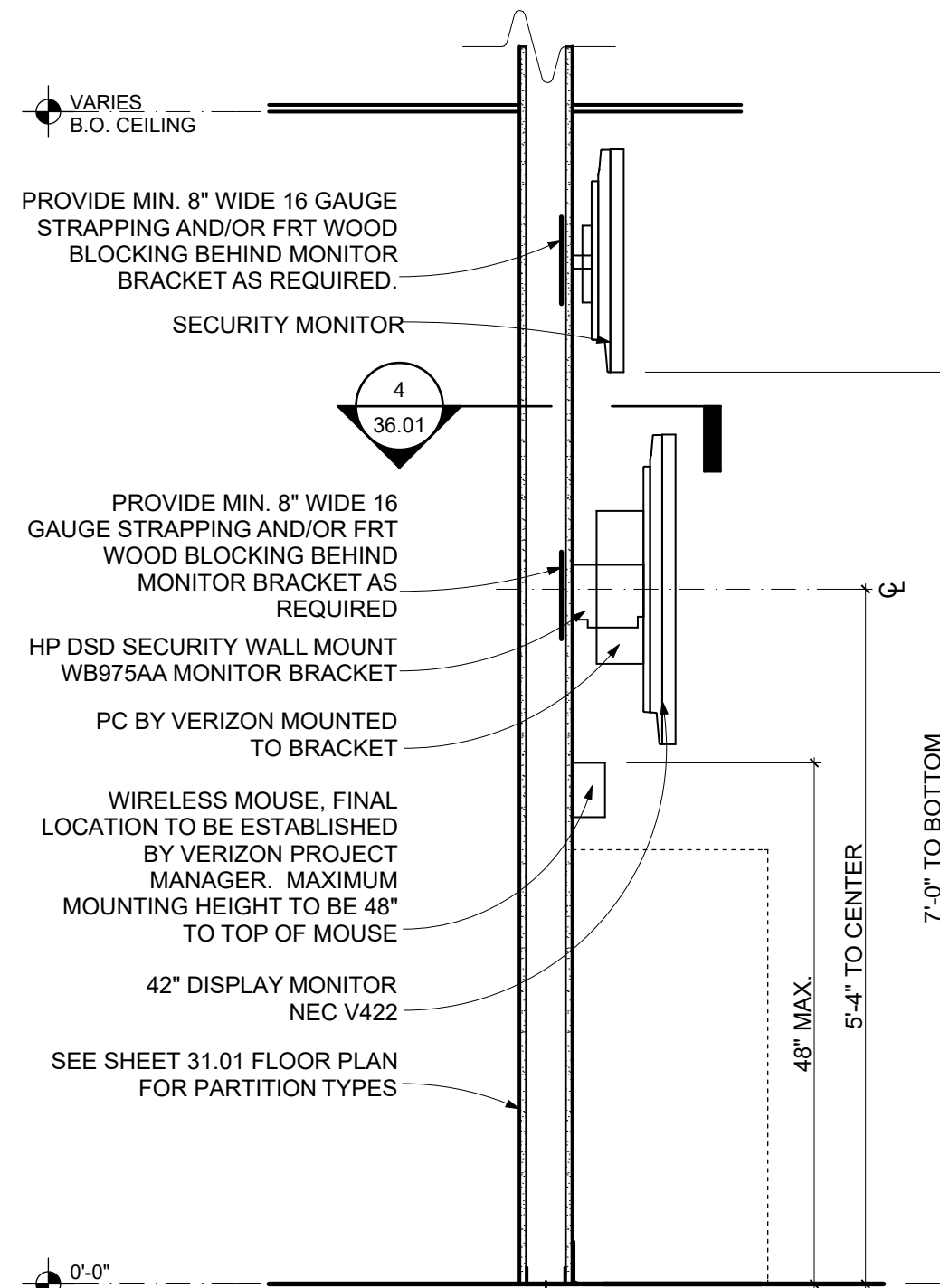
31.03

PHASE

Permit Documents

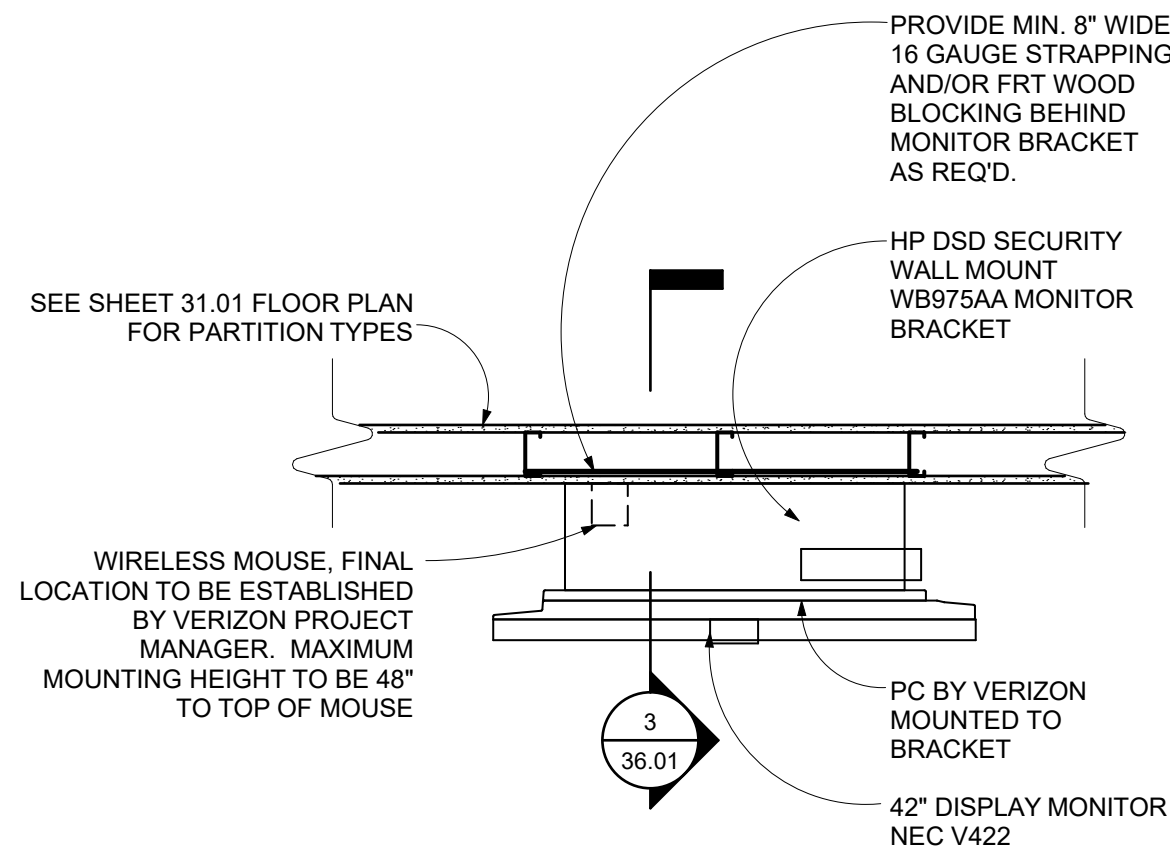
GENERAL NOTES
THIS SHEET ONLY

- SEE SHEET 31.03 FOR FINISHES.
- PROVIDE IN WALL BLOCKING FOR CABINETS. SEE SHEET 36.01 FOR TYPICAL BLOCKING.
- COORDINATE STRAPPING/BLOCKING INSTALL WITH DEMOLITION AND OTHER TRADES PRIOR TO CONSTRUCTION.
- FOR ALL WALL TYPES THAT CONTINUE TO EXISTING STRUCTURE ABOVE - SEE TYPICAL PARTITION CONNECTIONS ON SHEET 36.01.



SMART BOARD (RIC)/SECURITY MONITOR DISPLAY SECTION

SCALE: 3/4" = 1'-0"

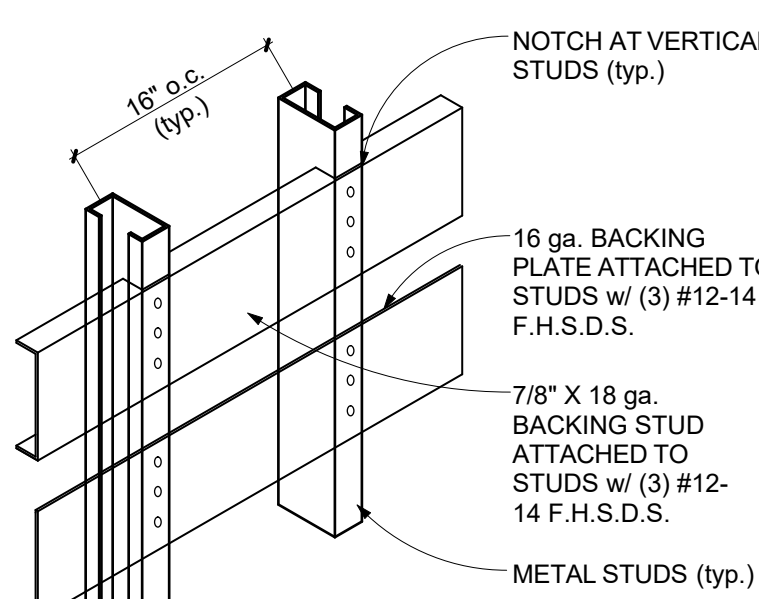


SMART BOARD (RIC) DISPLAY PLAN (SECURITY MONITOR SIM.)

SCALE: 3/4" = 1'-0"

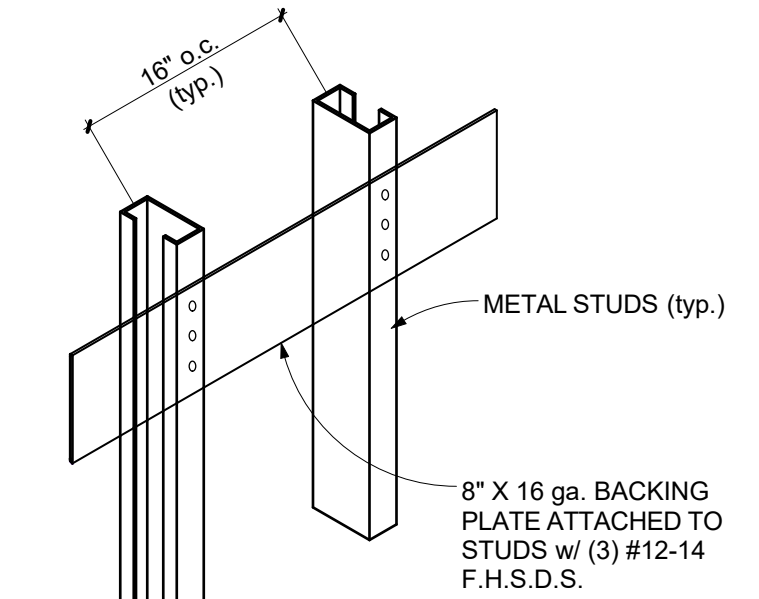
NOTES:

- BLOCKING FOR UPPER WALL HUNG CABINETS (UP TO 2 SHELVES) BASE CABINETS, FULL HEIGHT CABINETS, HANDRAILS, GUARDRAILS, GRAB BARS, WALL HUNG EQUIPMENT, ETC. (max.) WEIGHT 250 LBS./FT.
- SEE TYPICAL WALL FRAMING FOR GAUGE OF STUDS. VERIFY LENGTH, HEIGHT, LOCATION OF BLOCKING PLATE AND NUMBER.
- USE #12 SELF TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BLOCKING PLATE.
- WALL STUD FLANGES ARE CONTINUOUS AT BACKING STUD OR PLATE.



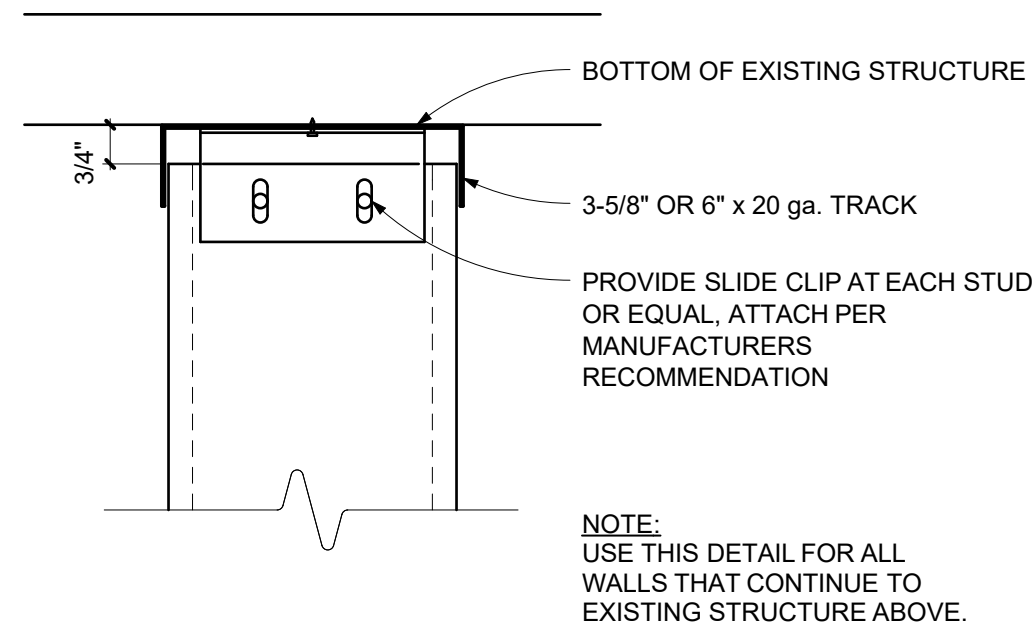
NOTES:

- BLOCKING FOR MISC. ITEMS, IE. SURFACE MTD. MIRRORS, WASTE RECEPTACLES, TOWEL DISPENSERS, ETC. (max.) WEIGHT 60 LBS.
- SEE TYPICAL WALL FRAMING FOR GAUGE OF STUDS. VERIFY LENGTH, HEIGHT, LOCATION OF BLOCKING PLATE AND NUMBER.
- USE #12 SELF TAPPING SHEET METAL SCREWS WHEN ATTACHING ITEMS TO BLOCKING PLATE.
- WALL STUD FLANGES ARE CONTINUOUS AT BACKING STUD OR PLATE.



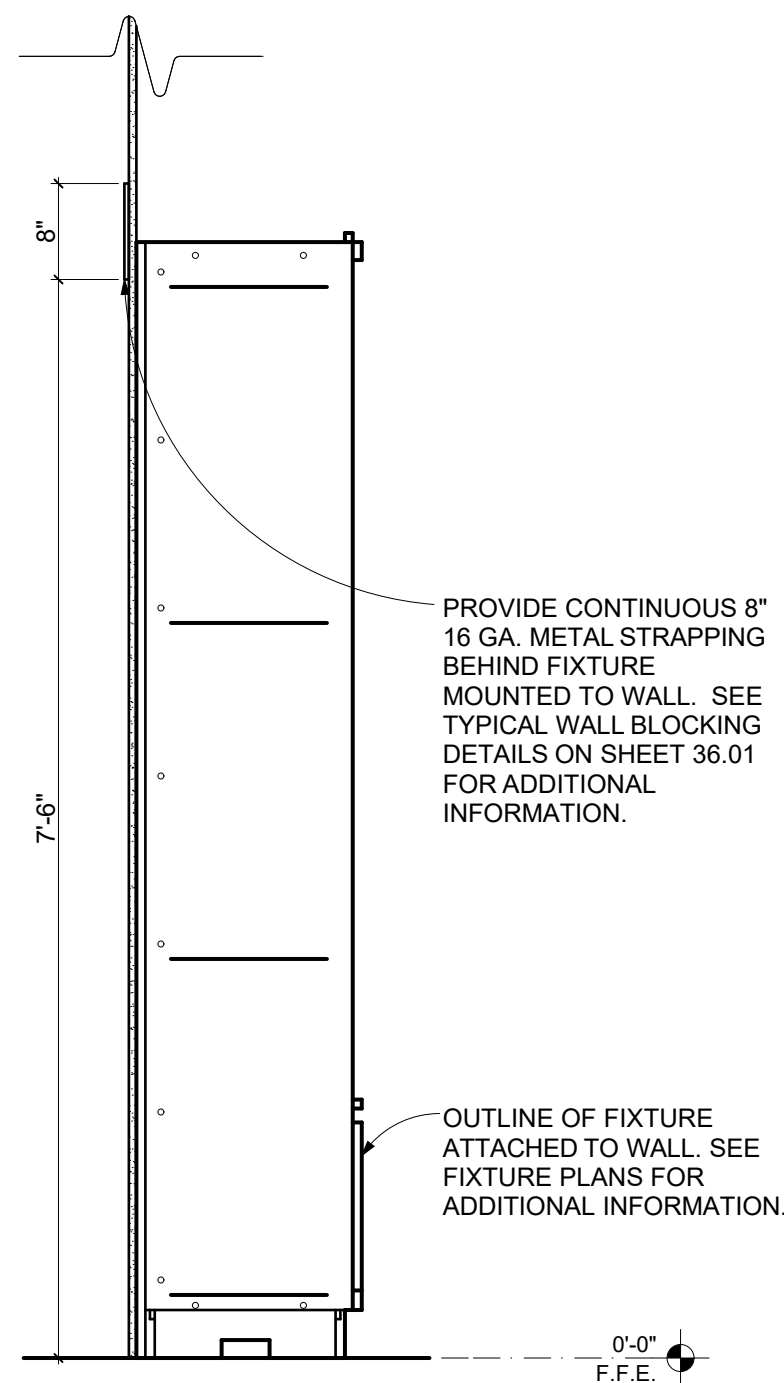
TYPICAL WALL BLOCKING DETAILS

SCALE: 3/4" = 1'-0"



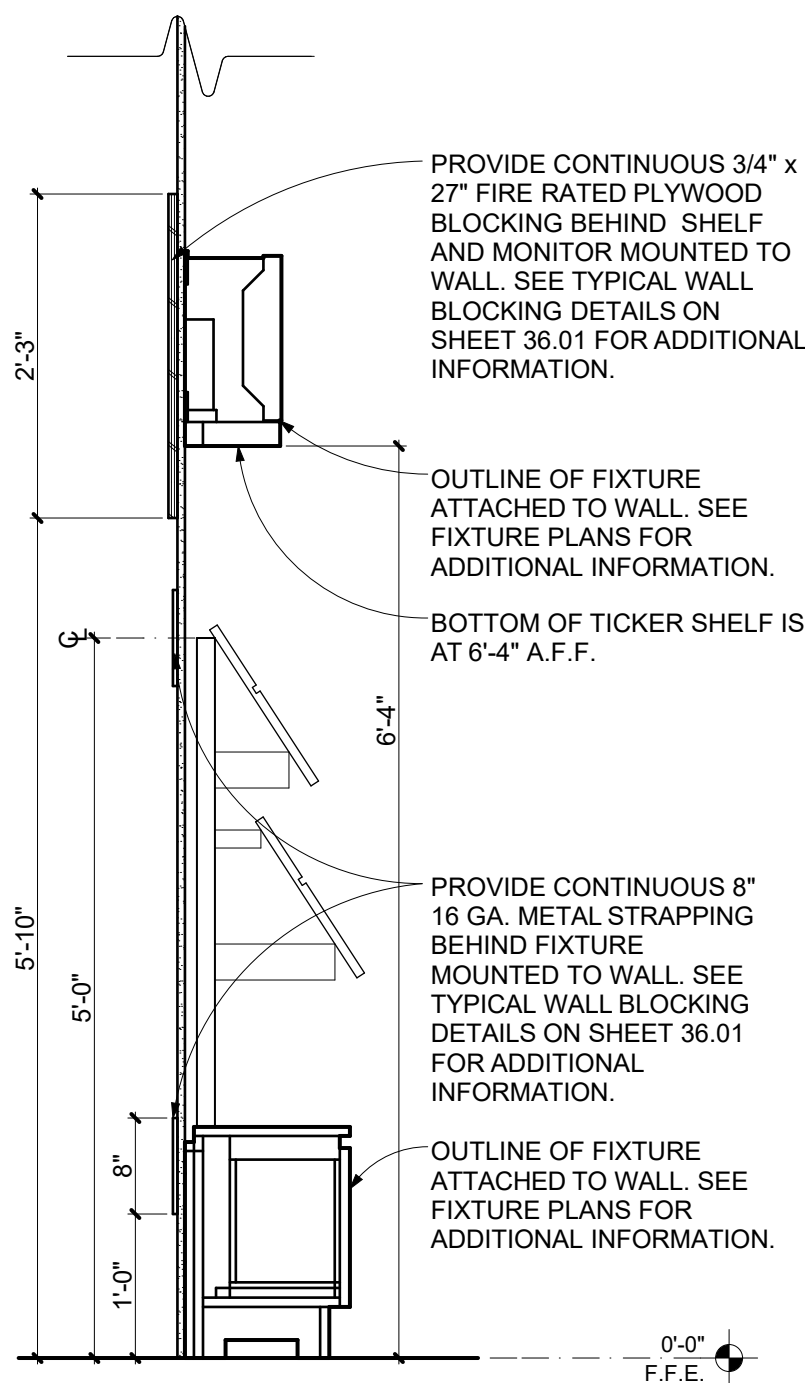
SLIDE CLIP DETAIL

SCALE: 3" = 1'-0"



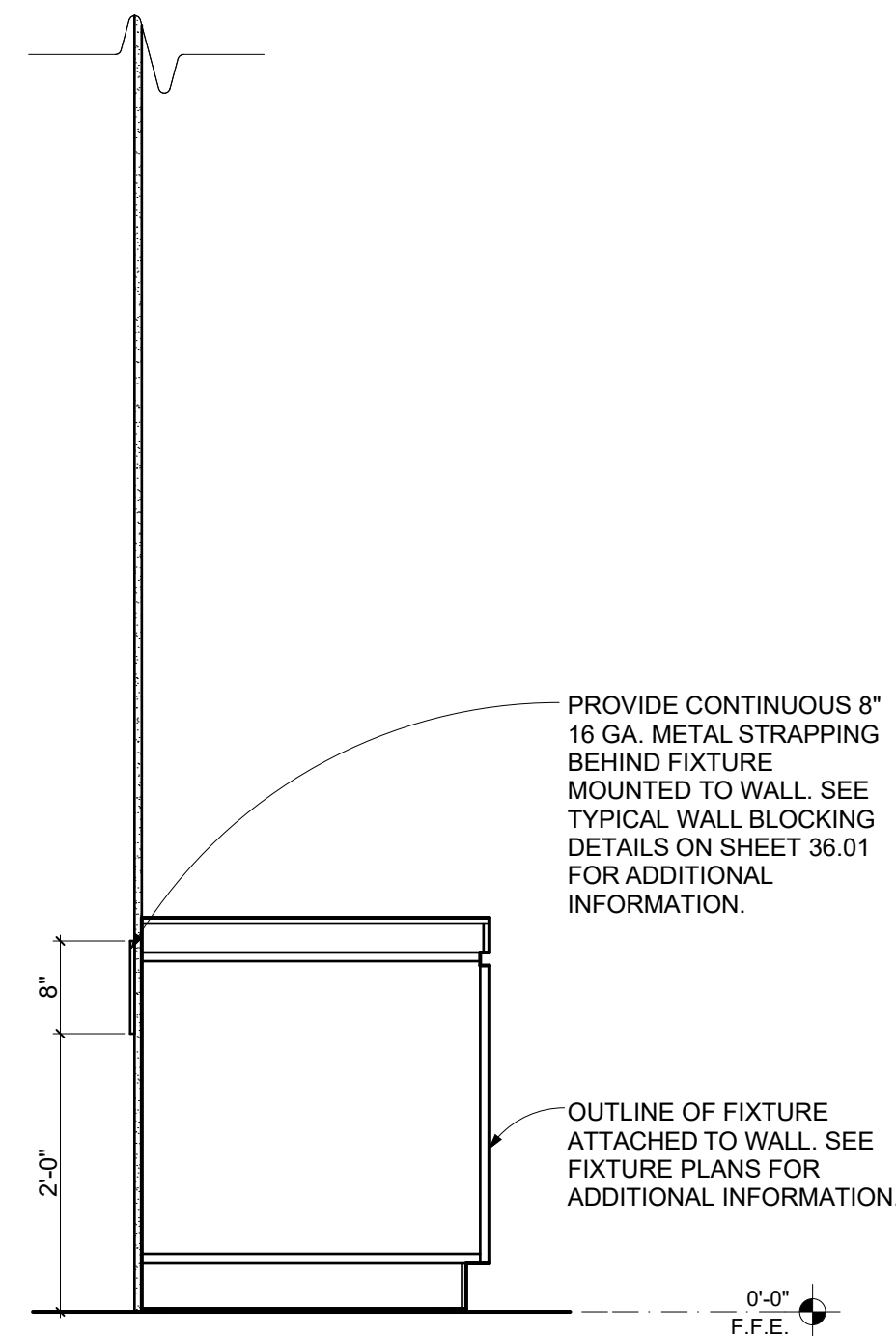
WALL CASE DISPLAY SECTION

SCALE: 3/4" = 1'-0"



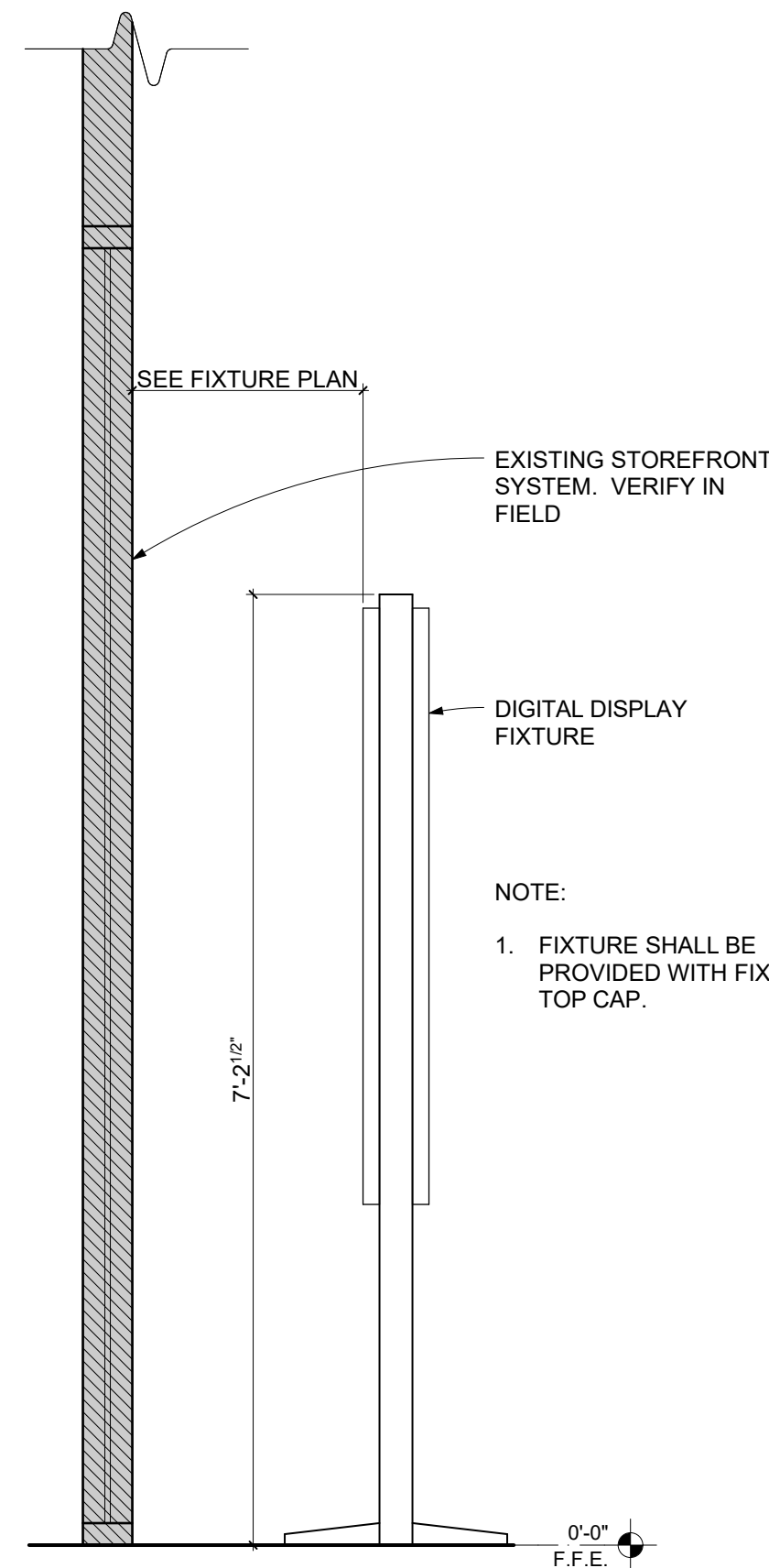
DEVICE RICK FIXTURE w/SHELF AND MONITOR DISPLAY SECTION

SCALE: 3/4" = 1'-0"



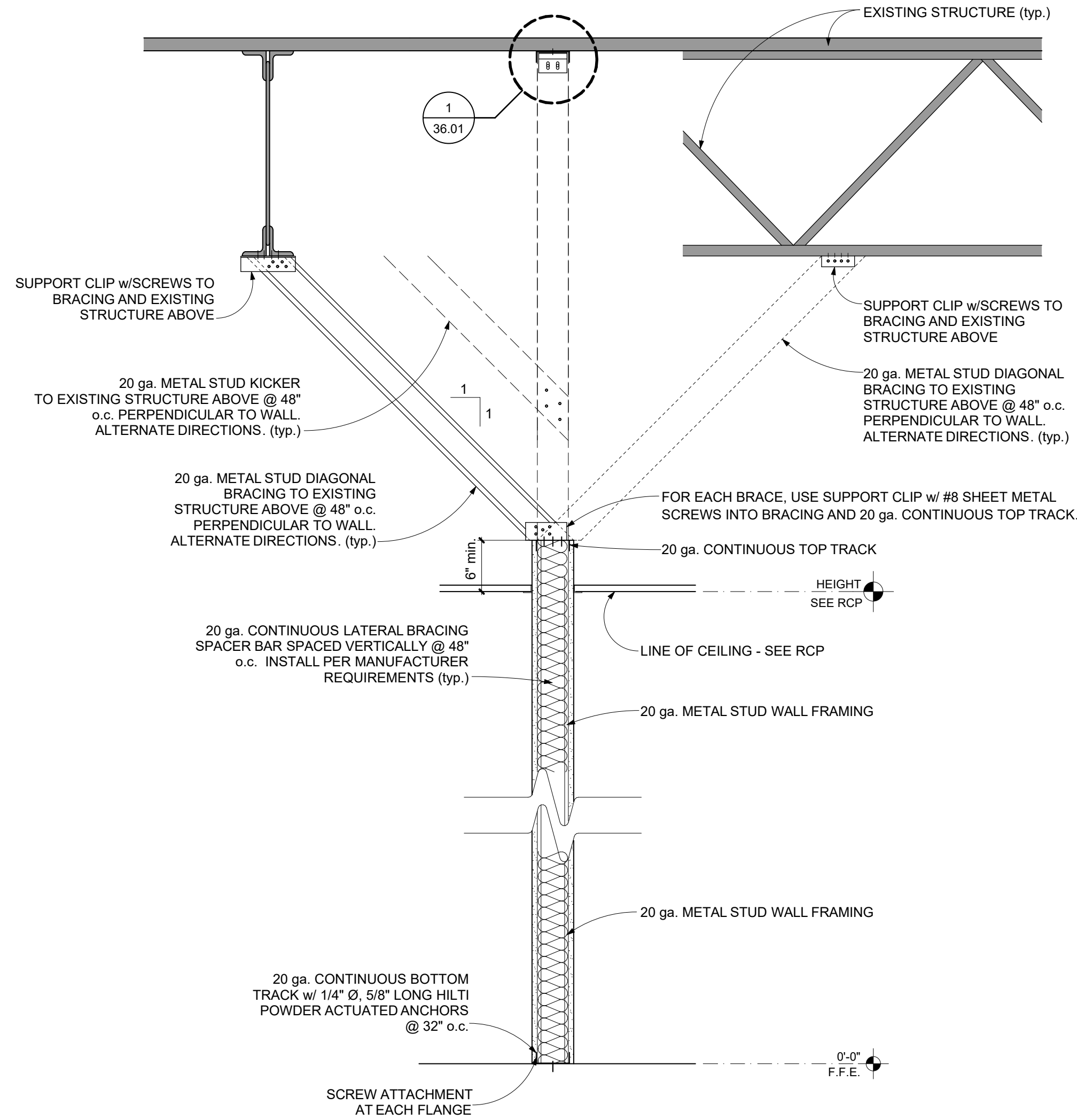
WORKSTATION POS SECTION

SCALE: 3/4" = 1'-0"



DIGITAL DISPLAY SECTION

SCALE: 3/4" = 1'-0"



TYPICAL PARTITION CONNECTIONS

SCALE: 1" = 1'-0"

STAMP

CLIENT/OWNER

Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER 17759x157

DRAWN BY SKJ

ISSUED DATE 12/20/2022

NO.	REVISION	DATE

SHEET TITLE

Fixture Sections, Casework & Details

SHEET NUMBER

36.01

PHASE

Permit Documents

ELECTRICAL SPECIFICATIONS:

BASIC ELECTRICAL REQUIREMENTS

GENERAL REQUIREMENTS:

1. THE WORK OF EACH OF THE ELECTRICAL SECTIONS INCLUDES FURNISHING AND INSTALLING THE MATERIAL, EQUIPMENT, AND SYSTEMS COMPLETE AS SPECIFIED AND/OR INDICATED ON THE DRAWINGS. THE ELECTRICAL INSTALLATIONS, WHEN FINISHED, SHALL BE COMPLETE AND COORDINATED, READY FOR SATISFACTORY SERVICE.

2. THE WORK UNDER THIS CONTRACT SHALL BE DONE IN STRICT ACCORDANCE WITH ALL APPLICABLE MUNICIPAL, STATE, AND OTHER LOCAL CODES, THE CURRENT EDITION OF NATIONAL ELECTRIC CODE AND AMERICANS WITH DISABILITIES ACT (ADA).

3. THE CONTRACTOR SHALL MAKE APPLICATION AND PAY FOR ALL PERMITS, LICENSES AND INSPECTIONS AS REQUIRED UNDER THE ABOVE CODES.

4. THE GENERAL ARRANGEMENT OF CONDUIT, WIRING AND EQUIPMENT SHALL BE AS IDENTIFIED ON THE CONTRACT DRAWINGS. THE CONTRACTOR SHALL CAREFULLY INVESTIGATE THE SITE, STRUCTURAL, AND FINISHED CONDITIONS AFFECTING HIS WORK AND SHALL ARRANGE SUCH WORK ACCORDINGLY, PROVIDING SUCH FITTINGS AND ACCESSORIES AS MAY BE REQUIRED TO MEET SUCH CONDITIONS.

5. THE CONTRACTOR SHALL PROVIDE ALL NECESSARY TEMPORARY WIRING, LIGHTING AND CONSTRUCTION POWER FOR ALL TRADES AS REQUIRED TO COMPLETE THE PROJECT.

MATERIAL AND WORKMANSHIP:

1. PROVIDE ALL MATERIAL AND EQUIPMENT NEW AND IN FIRST CLASS CONDITION. PROVIDE MARKINGS OR A NAMEPLATE FOR ALL MATERIAL AND EQUIPMENT IDENTIFYING THE MANUFACTURER AND PROVIDING SUFFICIENT REFERENCE TO ESTABLISH QUALITY, SIZE AND CAPACITY. ALL WORKMANSHIP SHALL BE OF THE FINEST POSSIBLE BY EXPERIENCED MECHANICS OF THE PROPER TRADE. IN GENERAL, PROVIDE THE FOLLOWING QUALITY GRADE(S) FOR ALL MATERIALS AND EQUIPMENT:

a) COMMERCIAL SPECIFICATION GRADE

2. PROVIDE ALL HOISTS, SCAFFOLDS, STAGING, RUNWAYS, TOOLS, MACHINERY AND EQUIPMENT REQUIRED FOR THE PERFORMANCE OF THE ELECTRICAL WORK. STORE AND MAINTAIN MATERIAL AND EQUIPMENT IN CLEAN CONDITION, AND PROTECTED FROM HEATHER, MOISTURE, AND PHYSICAL DAMAGE.

3. FURNISH ONLY MATERIAL AND EQUIPMENT THAT ARE LISTED, LABELED, CERTIFIED, OR ALL THREE BY A NATIONALLY TESTING LABORATORY (NRTL) WHENEVER ANY LISTING OR LABELING EXISTS FOR THE TYPES OF MATERIAL AND EQUIPMENT SPECIFIED.

4. AT A MINIMUM, GENERAL WORK PRACTICES FOR ELECTRICAL CONSTRUCTION SHALL BE IN ACCORDANCE WITH NEC 1 (LATEST EDITION), STANDARD PRACTICES FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION.

COORDINATION:

1. COORDINATE ALL WORK WITH OTHER DIVISIONS AND TRADES SO THAT THE VARIOUS COMPONENTS OF THE ELECTRICAL SYSTEMS ARE INSTALLED AT THE PROPER TIME, FIT THE AVAILABLE SPACE, AND ALLOW PROPER SERVICE ACCESS TO ALL EQUIPMENT. REFER TO ALL DRAWINGS, INCLUDING, BUT NOT LIMITED TO, ARCHITECTURAL, STRUCTURAL, MECHANICAL, AND PLUMBING, AND TO RELEVANT EQUIPMENT SUBMITTALS AND SHOP DRAWINGS TO DETERMINE THE EXTENT OF CLEAR SPACES. MAKE ALL OFFSETS REQUIRED TO CLEAR EQUIPMENT BEAMS AND OTHER STRUCTURAL MEMBERS, AND TO FACILITATE CONCEALING RACEWAYS IN THE MANNER ANTICIPATED IN THE DESIGN. PROVIDE MATERIALS WITH TRIM THAT WILL FIT PROPERLY THE TYPES OF CEILING, WALL, OR FLOOR FINISHES ACTUALLY INSTALLED.

EQUIPMENT IDENTIFICATION:

1. PROVIDE EQUIPMENT IDENTIFICATION NAMEPLATES:
a) ON ALL PANELBOARDS, SWITCHES, STARTERS, DIMMERS, SWITCHES IN DISTRIBUTION PANELBOARDS AND SWITCHBOARDS.
b) WHERE INDICATED ON DRAWINGS

2. NAMEPLATES:
a) ENGRAVED, CONTRASTING COLOR, THREE-LAYER LAMINATED PLASTIC INDICATING THE NAME OF THE EQUIPMENT, LOAD, OR CIRCUIT AS DESIGNATED ON THE DRAWINGS, AND IN THE SPECIFICATIONS.
b) SELF-ADHERING WITH A PERMANENT, WEATHERPROOF ADHESIVE.
c) ATTACHMENT METHOD SHALL BE ACCEPTABLE TO THE MANUFACTURERS OF THE EQUIPMENT TO WHICH THE NAMEPLATES ARE BEING APPLIED.
d) COLOR: BLACK BACKGROUND WITH WHITE LETTERS FOR NORMAL POWER.
e) LETTER HEIGHT: 1/4" MINIMUM.

WARRANTIES:

1. WARRANT EACH SYSTEM AND EACH ELEMENT THEREOF AGAINST ALL DEFECTS DUE TO FAULTY WORKMANSHIP DESIGN OR MATERIAL FOR A PERIOD OF 12 MONTHS FROM DATE OF SUBSTANTIAL COMPLETION, UNLESS SPECIFIC ITEMS ARE NOTED TO CARRY A LONGER WARRANTY IN THE CONSTRUCTION DOCUMENTS OR MANUFACTURER'S STATEMENT. WARRANTY EXCEEDS 12 MONTHS, REMEDY ALL DEFECT, OCCURRING WITHIN THE PERIOD(S), AS STATED IN THE GENERAL CONDITIONS AND DIVISION 1.

2. ALSO WARRANT THE FOLLOWING ADDITIONAL ITEMS:
a) ALL RACEWAYS ARE FREE FROM OBSTRUCTIONS, HOLES, CRUSHING, OR BREAKS OF ANY NATURE.
b) ALL RACEWAY SEALS ARE EFFECTIVE.
c) THE ENTIRE ELECTRICAL SYSTEM IS FREE FROM ALL SHORT CIRCUITS AND UNWANTED OPEN CIRCUITS AND GROUNDS.

3. THE ABOVE WARRANTIES SHALL INCLUDE LABOR AND MATERIAL, MAKE REPAIRS OR REPLACEMENTS WITHOUT ANY ADDITIONAL COSTS TO THE OWNER.

PENETRATIONS:

1. COORDINATE ALL ROOF PENETRATIONS WITH ENGINEER, OWNER, AND AS APPLICABLE, THE ROOFING CONTRACTOR PROVIDING A ROOF WARRANTY.

2. KEEP ALL RACEWAY PENETRATIONS WITH MECHANICAL EQUIPMENT CURBS WHEREVER POSSIBLE. COORDINATE WITH DIVISION 15 WORK.

3. FLASH AND COUNTERFLASH ALL OPENINGS THROUGH ROOF, AND/OR PROVIDE PRE-FABRICATED MOLDED SEALS COMPATIBLE WITH THE ROOF CONSTRUCTION INSTALLED, OR AS REQUIRED BY THE ENGINEER, OWNER, OR ROOFING CONTRACTOR. ALL ROOF PENETRATIONS SHALL BE LEAKTIGHT AT THE TERMINATION OF THE WORK AND SHALL NOT VOID AND NEW OR EXISTING ROOF WARRANTIES.

FIRE-STOPPING THROUGH PENETRATIONS:

1. FIRE-RESISTANT THROUGH PENETRATION SEALANTS: TWO-PART, FOAMED-IN-PLACE, SILICONE SEALANT FORMULATED FOR USE IN THROUGH-PENETRATION FIRE-STOPPING AROUND CABLES, RACEWAYS, AND CABLE TRAY PENETRATIONS THROUGH FIRE-RATED WALLS AND FLOORS. SEALANTS AND ACCESSORIES SHALL HAVE FIRE-RESISTANCE RATINGS INDICATED, AS ESTABLISHED BY TESTING IDENTICAL ASSEMBLIES IN ACCORDANCE WITH ASTM E 814, BY UNDERWRITERS LABORATORIES, INC., OR OTHER NRTL ACCEPTABLE TO AHJ.

2. ACCEPTABLE MANUFACTURERS:
HILTI INC.
3M CO.
RECTORSEAL
SPECIFIC TECHNOLOGY INC.
UNITED STATES GYPSUM COMPANY.

BASIC ELECTRICAL MATERIALS AND METHODS

METALLIC CONDUIT AND TUBING; RACEWAYS:

1. ELECTRICAL METALLIC TUBING, COUPLINGS AND FITTINGS (EMT): ANSI C80, UL 191. ONLY STEEL PRODUCTS ALLOWED. REDUCED WALL EMT IS NOT ALLOWED.

2. FLEXIBLE METAL CONDUIT (FMC), ZINC-COATED STEEL ONLY. ALUMINUM, UL OR REDUCED WALL FMC ARE NOT ALLOWED.

3. INTERMEDIATE METAL CONDUIT (IMC): HOT-DIP GALVANIZED RIGID STEEL CONDUIT, ANSI C80.6, UL 1242.

4. LIQUIDTIGHT FLEXIBLE METAL CONDUIT (LFMC): FLEXIBLE STEEL CONDUIT WITH PVC JACKET: UL 360.

5. RIGID METAL CONDUIT (RMC): HOT-DIP GALVANIZED RIGID STEEL CONDUIT (GRS): ANSI C80.1, UL 6.

6. PLASTIC COATED IMC, RMC, AND FITTINGS: NEMA RN 1 UL LISTED.

7. IMC AND RMC FITTINGS: NEMA FB 1; COMPATIBLE WITH CONDUIT TYPE AND MATERIAL, UL LISTED.

RACEWAYS: NON-METALLIC CONDUIT AND TUBING:

1. RIGID NONMETALLIC CONDUIT (RNC): SCHEDULE 40 PVC, 90 DEG C RATED, NEMA TC-2, UL 651; FITTINGS: NEMA TC 3, TC 6, UL 514, COMPATIBLE WITH CONDUIT/TUBING TYPE AND MATERIAL, UL LISTED.

RACEWAY INSTALLATION: ABOVE GROUND USE:

1. INSTALL ALL CIRCULAR RACEWAYS CONCEALED ABOVE SUSPENDED CEILINGS OR CONCEALED IN WALLS OR FLOORS WHEREVER POSSIBLE EXCEPT WHERE OTHERWISE INDICATED.

2. PROVIDE GRS FOR ALL CONDUIT RUNS EXPOSED TO WEATHER, OR EXPOSED TO OTHER HAZARDOUS CONDITIONS.

3. ALL OTHER RACEWAY MAY BE EMT WHERE APPROVED BY LOCAL CODE. USE COMPRESSION TYPE FITTINGS FOR EMT WITH ALL FITTINGS UL LISTED FOR THE ENVIRONMENT IN WHICH THEY ARE USED.

RACEWAY INSTALLATION: UNDERGROUND USE:

1. PROVIDE GRS INSTALLED BELOW GRADE WITH A CORROSION RESISTANT BONDED PLASTIC OR APPROVED MASTIC COATING. THIS SHALL NOT INCLUDE THE 90 DEGREE ELBOW GRADE AND THE ENTIRE VERTICAL TRANSITION TO ABOVE GRADE.

2. RNC CONDUIT MAY BE USED UNDERGROUND WHERE PERMITTED BY LOCAL CODE AND WHERE NOT SPECIFICALLY RESTRICTED BY THESE DOCUMENTS. WHEN USED, PROVIDE COATED GRS, AS SPECIFIED ABOVE, FOR ALL BENDS GREATER THAN 90 DEGREES, INCLUDING THE 90 DEGREE ELBOWS BELOW GRADE AND THE ENTIRE VERTICAL RISERS FOR TRANSITIONS FROM BELOW TO ABOVE GRADE OR ABOVE SLAB.

RACEWAY INSTALLATION: EQUIPMENT CONNECTIONS:

1. USE FMC FOR FINAL CONNECTION TO EACH MOTOR AND TRANSFORMER, AND TO ANY DEVICE THAT WOULD OTHERWISE TRANSMIT MOTION, VIBRATION, OR NOISE. USE LFMC WHERE EXPOSED TO LIQUIDS, VAPORS OR SUNLIGHT, AND TO CONNECT TO KITCHEN AND FOOD SERVICE EQUIPMENT. PROVIDE ALL FMC AND LFMC WITH INSULATED BONDING CONDUCTOR.

GENERAL RACEWAY INSTALLATION REQUIREMENTS:

1. INSTALL RACEWAYS PARALLEL AND PERPENDICULAR TO BUILDING LINES.

2. EXCEPT WHERE APPROVED IN WRITING BY THE ENGINEER, INSTALL NO RACEWAY IN A SLAB-ON-GRADE. LOCATE RACEWAY BELOW GRANULAR FILL BELOW SLABS ON-GRADE.

3. USE LONG RADIUS ELBOWS FOR ALL UNDERGROUND INSTALLATIONS, WHERE NECESSARY OR INDICATED.

4. SECURELY FASTEN RACEWAYS IN PLACE WITH APPROVED STRAPS, HANGERS AND STEEL SUPPORTS AS REQUIRED. ATTACHED RACEWAY SUPPORTS TO BUILDING STRUCTURE. HANG SINGLE RACEWAYS FOR FEEDERS WITH MALLEABLE SPLIT RING HANGERS WITH ROP AND TURNBUCKLE SUSPENSION FROM INSERTS SPACED NOT OVER 10 FEET APART IN CONSTRUCTION ABOVE.

5. REAM RACEWAY ENDS, THOROUGHLY CLEAN RACEWAY ENDS BEFORE INSTALLATION, AND KEEP CLEAN AFTER INSTALLATION. PLUG OR COVER OPENINGS AND BOXES AS REQUIRED TO KEEP RACEWAYS CLEAN DURING CONSTRUCTION.

6. INSTALL APPROVED EXPANSION/DEFLECTION FITTINGS WHERE RACEWAYS PASS THROUGH OR ACROSS (IF EXPOSED) EXPANSION JOINTS. ALSO WHEN USING RNC OR RAC IN EXPOSED ENVIRONMENTS IN ACCORDANCE WITH THE NEC AND EXPANSION/CONTRACTION PROPERTIES OF RNC OR RAC.

7. INSTALL ALL PULL WIRE IN EACH EMPTY RACEWAY THAT IS LEFT FOR INSTALLATION OF CONDUCTORS OR CABLES UNDER OTHER DIVISIONS OR CONTRACTS. USE 1/2" TYPE PLASTIC OR MONOPILASTIC PLASTIC LINE WITH NOT LESS THAN 200-LB TENSILE STRENGTH. LEAVE AT LEAST 24 INCHES OF SLACK AT EACH END.

CONDUCTORS AND CABLES: CONDUCTOR MATERIAL:

1. ANNEALED (SOFT) COPPER COMPLYING WITH ICEA 5-95-658/NEMA WC70;
a) TERMINATIONS: TINNED, COMPRESSION TYPE ONLY; UL-LISTED FOR COPPER CONDUCTORS AT 75 DEGREES C MINIMUM.

2. CONDUCTOR INSULATION TYPES: 90-DEGREE C-RATED, TYPE THHW/THWN-2 OR XHHW-2 COMPLYING WITH ICEA 5-95-658/NEMA WC70.

3. SIZES OF CONDUCTORS AND CABLES INDICATED OR SPECIFIED ARE IN AMERICAN PRACTICE (AWG, KCMIL, OR BSC).

4. ALL FEEDER AND BRANCH CIRCUIT CONDUCTORS NO. 8 AWG AND LARGER: STRANDED.

5. FEEDER CONDUCTORS SHALL BE SIZED FOR A MAXIMUM VOLTAGE DROP OF 2% AT DESIGN LOAD. BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FOR A MINIMUM VOLTAGE DROP OF 3% AT DESIGN LOAD.

6. ALL CONDUCTORS, NO. 10 AWG AND SMALLER: SOLID COPPER.

7. ALL BRANCH CIRCUIT WIRING: NOT SMALLER THAN NO. 12 AWG. IF NO CONDUCTOR SIZE IS INDICATED ON THE DRAWINGS FOR A BRANCH CIRCUIT, PROVIDE CONDUCTORS AND CONDUIT SIZED PER NFPA 70 AND BASED ON THE INDICATED NUMBER OF POLES, WHERE NO CIRCUIT SIZE (E.G. CONDUCTORS AND COPD) IS INDICATED ON THE DRAWINGS FOR A BRANCH CIRCUIT, PROVIDE THREE (3) NO. 12 AWG CONDUCTORS, IN 3/4-INCH RACEWAY, AND A 20A CIRCUIT BREAKER.

8. CONTROL WIRING: STRANDED COPPER CONDUCTORS, 600V INSULATION OF THE PROPER TYPE, SIZE AND NUMBER AS REQUIRED TO ACCOMPLISH SPECIFIED FUNCTION. MINIMUM SIZE: NO. 14 AWG, UNLESS NOTED OTHERWISE.

9. STRANDED FOR ALL FLEXIBLE CORDS AND CABLES, OR AS OTHERWISE INDICATED.

10. UNLESS INDICATED OTHERWISE, SPECIAL PURPOSE CONDUCTORS AND CABLES, SUCH AS LOW VOLTAGE CONTROL AND SHIELDED INSTRUMENT WIRING, SHALL BE AS RECOMMENDED BY THE SYSTEM EQUIPMENT MANUFACTURER.

11. TYPE MC CABLE: 600V, UNJACKETED; ANSI E119 AND E814, UL STANDARDS 44 OR 83 (AS APPLICABLE) AND 1569, NFPA TO ARTICLE 330; ALUMINUM OR GALVANIZED STEEL INTERLOCKED ARMOR, THHN, XHHW-INSULATED CONDUCTORS; COLOR CODE: ICEA METHOD 1, WITH GREEN INSULATED GROUNDING CONDUCTOR.

INSTALLATION OF CONDUCTORS AND CABLES:

1. INSTALL ALL WIRING IN APPROVED RACEWAY AND ENCLOSURES.

2. SUPPORT ALL CONDUCTORS AND CABLES IN VERTICAL INSTALLATIONS, AS REQUIRED BY NFPA 70, BY INSTALLING CABLE SUPPORTS OR PLUG-TYPE CONDUIT RISER SUPPORTS, OR WIRE-MESH SAFETY GRIPS.

3. INSTALL ALL CONDUCTORS AND CABLE IN RACEWAYS CONTINUOUS WITHOUT TAPS OR SPLICES. SPLICES FOR TAP ONLY IN APPROVED BOXES AND ENCLOSURES WITH APPROVED SOLDERLESS CONNECTORS, OR CRIMP CONNECTORS AND TERMINAL BLOCKS FOR CONTROL WIRING, AND KEEP TO THE MINIMUM REQUIRED. INSULATE ALL SPLICES, TAPS, AND JOINTS AS REQUIRED BY CODES.

4. ALL MATERIALS USED TO TERMINATE, SPLICE OR TAP CONDUCTORS: SHALL BE AS SPECIFIED FOR RMC OR IMC LISTED FOR THE SPECIFIC APPLICATIONS AND CONDUCTORS INVOLVED, AND INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS, USING THE MANUFACTURER'S RECOMMENDED TOOLS.

5. WHERE WIRING IS INDICATED AS INSTALLED, BUT THE CONNECTION IS INDICATED "FUTURE" OR "BY OTHER DIVISION, TRADES, OR CONTRACTS", LEAVE A MINIMUM 3'-FOOT "BIG TAIL" AT THE BOX, TAP THE ENDS OF THE CONDUCTORS, AND COVER THE BOX.

6. THE NUMBER OF CONDUCTORS IN A SPECIFIC RACEWAY "HOME RUN" IS INDICATED WITH CROSS LINES (TICK MARKS) ON EACH "CIRCUIT RUN" ON THE DRAWINGS. IN GENERAL, THE DIRECTION OF BRANCH CIRCUIT "HOME RUN" ROUTING IS INDICATED ON THE DRAWINGS, COMPLETE WITH CIRCUIT NUMBERS AND PANELBOARD DESIGNATION. CONTINUE ALL SUCH "HOME RUN" WIRING TO THE DESIGNATED PANELBOARD, AS THOUGH CIRCUIT RUNS WERE INDICATED IN THEIR ENTIRETY.

7. COMMON OR SHARED NEUTRALS ARE NOT ALLOWED UNLESS SHOWN ON THE DRAWINGS TO BE USED OR SPECIFICALLY NOTED TO BE ALLOWED.

8. MULTI-WIRE BRANCH CIRCUITS (E.G. SHARED NEUTRAL) SHALL BE PROVIDED A MEANS THAT WILL SIMULTANEOUSLY DISCONNECT ALL UNGROUNDED CONDUCTORS AT THE POINT THE BRANCH CIRCUIT ORIGINATES. MULTI-POLE BREAKERS OR 3 SINGLE POLE BREAKERS WITH A HANDLE TIE ARE TWO EXAMPLES.

9. WHEN MULTIPLE HOME RUNS ARE COMBINED INTO A SINGLE RACEWAY SUCH THAT THE NUMBER OF CONDUCTORS EXCEEDS FOUR (CONDUCTOR COUNT IS MADE UP OF ANY COMBINATION OF PHASE AND NEUTRAL CONDUCTORS), THE FOLLOWING RESTRICTIONS APPLY, WHICH ARE IN ADDITION TO THOSE IN NFPA 70:

NORMAL OR NON-ESSENTIAL CIRCUITS:

a) MAXIMUM OF 16 CONDUCTORS IN A SINGLE RACEWAY.
b) FOR UP TO EIGHT CONDUCTORS IN A RACEWAY, MINIMUM RACEWAY 1-INCH.
c) FOR GREATER THAN EIGHT CONDUCTORS, MINIMUM RACEWAY 1 1/2-INCH.
d) DO NOT INSTALL ANY OTHER TYPE OF CIRCUIT IN THIS RACEWAY.
e) THE MINIMUM WIRE SIZE FOR ALL CONDUCTORS IN THIS RACEWAY: NO.10 AWG.
f) ONLY 15A AND 20A BRANCH CIRCUIT HOMERUNS MAY BE COMBINED INTO ONE RACEWAY.

GFCCI CIRCUITS:

a) DO NOT USE MULTI-CONDUCTOR CIRCUITS, WITH A SHARED NEUTRAL, FOR ANY GFCCI BREAKER OR RECEPTACLE CIRCUIT.
b) MAXIMUM OF EIGHT CONDUCTORS IN A SINGLE RACEWAY. MINIMUM RACEWAY, SIZE: 3/4 - INCH.
c) DO NOT INSTALL ANY OTHER TYPE OF CIRCUIT IN THIS RACEWAY.
d) 15A AND 20A BRANCH CIRCUIT HOMERUNS MAY BE COMBINED INTO ONE RACEWAY.

10. FOR BRANCH CIRCUITS FED FROM GFCCI CIRCUIT BREAKERS, LIMIT THE ONE-WAY CONDUIT LENGTH TO 100 FEET BETWEEN THE PANELBOARD AND THE MOST REMOTE RECEPTACLE OR LOAD ON THE GFCCI CIRCUIT.

11. PROPERLY IDENTIFY ALL THERMAL BLOCKS AND WIRE TERMINALS FOR CONTROL WIRING WITH VISIBLE STICK-ON MARKERS OR EQUIVALENT. PROVIDE ENGINEERS WITH A LIST OF PROPOSED IDENTIFYING NUMBERS FOR REVIEW PRIOR TO INSTALLING MARKERS.

12. PROVIDE AN EQUIPMENT-GROUNDING CONDUCTOR, OR BONDING JUMPER, AS APPLICABLE, IN ALL FEEDERS AND BRANCH CIRCUITS, SIZED IN ACCORDANCE WITH NFPA 70 TABLES 250.66 OR 250.122, AS APPLICABLE, UNLESS INDICATED AS LARGER ON THE DRAWINGS.

13. VOLTAGE DROP IN FEEDER CIRCUITS SHALL NOT EXCEED 2 PERCENT. VOLTAGE DROP IN BRANCH CIRCUITS SHALL NOT EXCEED 3 PERCENT.

14. WIRING SHALL HAVE INSULATION OF THE PROPER COLOR TO MATCH COLOR CODE SYSTEM IN THE TABLE BELOW UNLESS THERE IS A COLOR SYSTEM CURRENTLY IN USE BY THE FACILITY, IN WHICH CASE THE COLORS ARE TO MATCH THE EXISTING SYSTEM. IN LARGER SIZES, WHERE PROPERLY COLORED INSULATION IS NOT AVAILABLE, USE VINYL PLASTIC ELECTRICAL TAPE OF THE APPROPRIATE COLOR AROUND EACH CONDUCTOR AT ALL TERMINATION POINTS, JUNCTION AND PULL BOXES.

THE COLOR CODING SYSTEM LISTED BELOW SHALL BE USED THROUGHOUT:

SYSTEM VOLTAGE	PHASE A	PHASE B	PHASE C	NEUTRAL	GROUND	ISOLATED GROUND
120/208V	BLACK	RED	BLUE	WHITE	GREEN	GREEN W/ YELLOW STRIPE
277/480V	BROWN	ORANGE	YELLOW	WHITE	GRAY	N/A

USE OF MC CABLE MAY ONLY BE USED:

1. IN LIEU OF FLEXIBLE CONDUIT AND WIRING FROM LIGHT FIXTURES IN ABOVE CEILING, PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5 FOOT RADIUS OF ITS INSTALLED LOCATION, BUT NOT EXCEEDING 6 FEET IN UNSUPPORTED LENGTHS.

2. FOR VERTICAL DROPS IN STUD WALLS.

3. IN LIEU OF EMT, ONLY FOR 15A AND 20A BRANCH CIRCUITS (WITH UP TO FOUR (4) CONDUCTORS, NOT INCLUDING GROUND CONDUCTOR) AND ONLY IN DRY CONCEALED LOCATIONS ABOVE GRADE, EXCEPT WHERE SPECIFICALLY NOT PERMITTED BY NFPA 70.

MC CABLE SHALL NOT BE USED FOR ANY USE NOT LISTED ABOVE. EXAMPLES OF THOSE USES INCLUDE, BUT ARE NOT LIMITED TO:

HOMERUNS TO PANELBOARDS.
WHERE EXPOSED TO VIEW.
WHERE EXPOSED TO DAMAGE.
HAZARDOUS LOCATIONS.
WET LOCATIONS.
WHEN RESTRICTED OTHERWISE.
WHEN SPECIFICALLY DISALLOWED BY THE LOCAL AHJ. WHEN SPECIFICALLY DISALLOWED BY THE LANDLORD.
CIRCUITS THAT CAN BE SUPPLIED BY AN EMERGENCY OR STANDBY POWER SOURCE.

JUNCTION BOXES, PULL BOXES, CABINETS AND WIREWAYS:

1. PROVIDE JUNCTION BOXES, PULL BOXES, CABINETS AND WIREWAYS WHEREVER NECESSARY FOR PROPER INSTALLATION OF VARIOUS ELECTRICAL SYSTEMS ACCORDING TO NFPA 70 AND WHERE INDICATED ON THE DRAWINGS. SIZE AS REQUIRED FOR THE SPECIFIC FUNCTION OR AS REQUIRED BY NFPA 70, WHICHEVER IS LARGER. CONSTRUCTION SHALL BE OF A NEMA DESIGN SUITABLE FOR THE ENVIRONMENT INSTALLED.

2. JUNCTION BOXES INSTALLED BEHIND WALL CAGES, AND IN OR ON OTHER STORE FIXTURES, EXCEPT WHERE OTHERWISE SPECIFIED, SHALL BE 4-INCH SQUARE OR LARGER, WITH GALVANIZED COVERS.

3. HORIZONTALLY MOUNT JUNCTION BOXES UNDER CENTER FIXTURES (AND CAGES), HANDY BOXES OR 4-INCH SQUARE WITH TOPS OF BOXES NOT MORE THAN 3 1/8 INCHES ABOVE THE FLOOR. SIZE JUNCTION BOXES TO ADEQUATELY CONTAIN ALL REQUIRED CONDUCTORS AND SPLICES.

OUTLET BOXES:

1. ALL OUTLETS INCLUDING LIGHT FIXTURE, SWITCH, RECEPTACLE, AND SIMILAR OUTLETS: NATIONAL ELECTRICAL APPLIANCE STEEL, CITY RACO, OR APPROVED EQUAL, GALVANIZED STEEL KNOCKOUT BOXES, SUITABLE IN DESIGN TO THE PURPOSE THEY SERVE AND THE SPACE THEY OCCUPY. SIZE AS REQUIRED FOR THE SPECIFIC FUNCTION OR AS REQUIRED BY NFPA 70, WHICHEVER IS LARGER. SET ALL OUTLET BOXES IN WALLS, COLUMNS, FLOORS, OR CEILING SO THEY ARE FLUSH WITH THE FINISHED SURFACE, ACCURATELY SET, AND RIGIDLY SECURED IN POSITION. PROVIDE PLASTER RINGS, EXTENSION RINGS, AND/OR MASONRY RINGS AS REQUIRED FOR FLUSH MOUNTING. PROVIDE APPROVED CAST OUTLET BOXES, WITH RUGS AND WEATHERPROOF COVERS, IN ALL AREAS SUBJECT TO DAMP, WET, OR HARSH CONDITIONS.

OUTLET LOCATIONS:

1. COORDINATE LOCATION OF OUTLET BOXES. OUTLETS ARE ONLY APPROXIMATELY LOCATED ON THE SMALL SCALE DRAWINGS. USE GREAT CARE IN THE ACTUAL LOCATION BY CONSULTING THE VARIOUS LARGE SCALE DETAILED DRAWINGS USED BY OTHER DIVISION TRADES, AND BY SECURING DEFINITE LOCATIONS FROM THE ARCHITECT.

MOUNTING HEIGHTS:

1. UNLESS NOTED OTHERWISE, INSTALL WIRING DEVICES AS INDICATED BELOW (NOTE: ALL DIMENSIONS ARE TO THE CENTER OF THE OUTLET BOX UNLESS NOTED OTHERWISE).

MOUNTING HEIGHTS - RECEPTACLES:

1. VERTICALLY ALIGNED WITH THE GROUND SLOT MOUNTED AT THE TOP: 18 INCHES ABOVE FINISHED FLOOR.

2. HORIZONTALLY ALIGNED, WITH NEUTRAL SLOT MOUNTED AT THE TOP: 18 INCHES ABOVE FINISHED FLOOR.

3. FOR 36 - INCH HIGH COUNTER TOPS: 48 INCHES ABOVE FINISHED FLOOR, VERTICALLY ALIGNED.

4. FOR 34 - INCH HEIGHT COUNTER TOPS: 44 INCHES ABOVE FINISHED FLOOR, VERTICALLY ALIGNED.

5. MECHANICAL AND ELECTRICAL EQUIPMENT ROOMS AND JANITORS CLOSETS: 44 INCHES ABOVE FINISHED FLOOR, VERTICALLY ALIGNED.

6. WEATHERPROOF EXTERIOR RECEPTACLES: 24 INCHES ABOVE FINISHED GRADE, VERTICALLY ALIGNED.

7. GFCCI RECEPTACLES: SAME AS GENERAL RECEPTACLES.

8. ISOLATED GROUND RECEPTACLES: SAME AS GENERAL.

9. CONCRETE BLOCK WALLS: DIMENSIONS ABOVE MAY BE ADJUSTED SLIGHTLY, AS REQUIRED TO COMPENSATE FOR VARIABLE JOINT DIMENSIONS, SUCH THAT BOTTOM OR TOP OF BOXES, AS APPLICABLE, ARE AT BLOCK JOINTS.

MOUNTING HEIGHTS - SWITCHES:

1. GENERAL: 44 INCHES ABOVE FINISHED FLOOR.

2. ABOVE COUNTERS: SAME AS FOR RECEPTACLES.

3. CONCRETE BLOCK WALLS: 40 INCHES ABOVE FINISHED FLOOR (DIMENSION MAY BE ADJUSTED SLIGHTLY, AS REQUIRED TO COMPENSATE FOR VARIABLE JOINT DIMENSIONS, SUCH THAT BOTTOM OF BOXES ARE AT BLOCK JOINTS).

4. WALLS WITH WAINSCOTING: 6 INCHES MINIMUM ABOVE WAINSCOTING, BUT NOT EXCEEDING 48 INCHES ABOVE FINISHED FLOOR.

MOUNTING HEIGHTS - MULTI-OUTLET ASSEMBLIES:

1. 6 INCHES ABOVE COUNTER TOP.

MOUNTING HEIGHTS - TELEPHONE/DATA OUTLET BOXES:

1. GENERAL: MATCH MOUNTING HEIGHT OF ADJACENT WIRING DEVICE LISTED ABOVE.

2. WALL-MOUNTED TELEPHONE: 52 INCHES ABOVE FINISHED FLOOR.

WIRING DEVICES:

1. THE CATALOG NUMBERS LISTED FOR WIRING DEVICES ARE GENERALLY FOR 20A RATED DEVICES, WHERE 15A RATED DEVICES ARE INDICATED ON THE DRAWINGS OR REQUIRED FOR CIRCUIT RATING LIMITATIONS, PROVIDE WIRING DEVICES EQUIVALENT TO THOSE SPECIFIED FOR 20A, BUT RATED FOR 15A.

2. ALL RECEPTACLES LOCATED OUTDOORS OR IN DAMP OR WET LOCATIONS: SHALL BE LISTED AS "WEATHER RESISTANT". DESIGNATED BY A "WR" ON THE FACEPLATE.

3. PROVIDE THE FOLLOWING WIRING DEVICES WHERE SHOWN ON DRAWINGS OR REQUIRED, MINOR CHANGES RELATIVE TO THE LOCATION OR ELECTRICAL EQUIPMENT MAY BE MADE TO COMPLY WITH STRUCTURAL AND BUILDING REQUIREMENTS AS DETERMINED IN THE COURSE OF CONSTRUCTION. PROVIDE ALL WIRING DEVICES OF THE SAME MANUFACTURER AND NOT MIXED ON THE PROJECT, TO THE MAXIMUM EXTENT POSSIBLE. PROVIDE COLOR OF TOGGLES AND RECEPTACLE COVERS REQUESTED BY THE ENGINEER. REFER TO DETAIL SHOWING RECEPTACLES TABLE.

TYPE OF DEVICE	HUBBELL	PASS 4 SEYMOUR	LEVITON	COOPER WIRING DEVICES
SIMPLEX RECP	HBL 5361	5361	5391	5351
DUPLEX RECP	CR 5352	5352	5352	5352
RED DUPLEX RECP	5362-R	23642-RED	5352	5352
GFCCI RECP	6F5352	2091	689B/659B	XGF20
SAFETY / RECP (20A / 125V)	HBL8300SG	TR63	8300-SC	TR 8300
WR/GFCCI RECP	6FR5362-TR	2095 TRWR	WTR994-T	TRWR6 20
QUAD RECP	HBL 420	420	21254	N/A
SINGLE POLE SW	CS 1221	PS 20 AC1	1221-2	2221
DOUBLE POLE SW	CS 1222	PS 20 AC2	1222-2	2222
THREE-WAY SW	CS 1223	PS 20 AC3	1223-2	2223
FOUR-WAY SW	CS 1224	PS 20 AC4	1224-2	2224

SWITCH AND OUTLET COVER PLATES:

1. SWITCH AND OUTLET PLATES: COLORED, SMOOTH NYLON, BY THE SAME MANUFACTURER AS THE WIRING DEVICES, WHEREVER POSSIBLE. VERIFY DESIRED MATERIALS AND COLORS WITH ENGINEER BEFORE INSTALLATION. SWITCH PLATES IN UNFINISHED ROOMS AND SPACES: STAMPED STEEL, CADMIUM PLATED. INSTALL GROUPS OF SWITCHES UNDER ONE HANGED-PLATE, USUALLY HORIZONTALLY; OR, WHERE REQUIRED BY DETAILS, VERTICALLY. SET ALL COVER PLATES FLUSH, PARALLEL, AND FINISHED FLUSH WITH THE WALL.

WEATHERPROOF COVER PLATES:

1. PROVIDE GFCCI RECEPTACLES FOR DESIGNATED WEATHERPROOF RECEPTACLES, UNLESS INDICATED OTHERWISE ON THE DRAWINGS.

2. FOR EXTERIOR UNATTENDED, WET LOCATIONS OR OTHER LOCATIONS AS INDICATED: IN-USE NEMA 3R RECESSED OR FLUSH MOUNT, UL-LABELED PLATES MOLDED FROM A CLEAR HIGH IMPACT ULTRAVIOLET STABILIZED POLYCARBONATE MATERIAL FOR EASY VERIFICATION THAT CORDS ARE PLUGGED IN AND THAT THE GFCCI IS FUNCTIONING. BACK BOX MUST BE SUITABLE FOR CONDUIT CONNECTING, COORDINATE BACK BOX WITH WALL DEPTH. INTERMATIC WPIC00CR/HR, OR EQUAL.

3. FOR ATTENDED WET OR DAMP LOCATIONS: WEATHERPROOF COVER PLATES, UL-LISTED FOR WET LOCATIONS WITH COVER(S) CLOSED; DIE-CAST ALUMINUM OR TYPE 302 STAINLESS STEEL; SINGLE-COVER FOR SWITCHES AND VERTICALLY MOUNTED RECEPTACLES; DOUBLE-COVER FOR HORIZONTALLY MOUNTED RECEPTACLES; SELF-CLOSING COVERS.

ELECTRICAL SPECIFICATIONS (CONT'D):

ELECTRICAL POWER - SERVICE AND DISTRIBUTION

ELECTRICAL SERVICE:

1. SEE DRAWINGS FOR TYPE, SIZE, VOLTAGE, PHASE, AND OTHER REQUIREMENTS.
2. PROVIDE, OR ARRANGE WITH THE SERVING UTILITY FOR INSTALLATIONS TO PROVIDE, A RECORDING VOLTMETER AT THE SERVICE POINT, ON THE FIRST DAY THE FACILITY IS OPEN FOR BUSINESS, FOR A 24-HOUR VOLTAGE TEST. IF VOLTAGE AND REGULATION ARE NOT WITHIN ACCEPTABLE LIMITS, ARRANGE WITH THE UTILITY FOR PROPER VOLTAGE. SUBMIT TO THE OWNER A REPORT OF MAXIMUM AND MINIMUM VOLTAGE AND A COPY OF THE RECORDING VOLTMETER CHART.

CONNECTION TO SERVING UTILITIES:

1. PROVIDE RACEWAYS, TERMINATIONS, METERING PROVISIONS, AND MISCELLANEOUS EQUIPMENT, AS REQUIRED, FOR ELECTRICAL AND TELEPHONE SERVICES FOR CONNECTION BY THE SERVING UTILITY, IN STRICT COMPLIANCE WITH THE REQUIREMENTS OF ALL APPLICABLE CODES AND OF THE SERVING UTILITY INVOLVED. VERIFY ALL SERVICE TERMINATIONS AND CONNECTION POINTS IN THE FIELD AND WORK IN CONJUNCTION WITH THE UTILITY INVOLVED IN THE INSTALLATION OF ALL SERVICES. PROVIDE ALL MATERIALS AND EQUIPMENT REQUIRED FOR COMPLETE UTILITY CONNECTION BUT NOT FURNISHED BY THE SERVING UTILITY. NOTIFY THE UTILITY COMPANIES INVOLVED WITHIN TWO WEEKS AFTER NOTICE TO PROCEED, OF ALL REQUIRED INFORMATION NECESSARY FOR THE UTILITY TO SUPPLY THE PROJECT WITH OUT DELAY. PAY ALL CHARGES FOR THE SERVING UTILITY FOR THE ELECTRICAL SERVICES(S).

GROUNDING:

1. PERMANENTLY AND EFFECTIVELY GROUND AND BOND THE ELECTRICAL INSTALLATION IN A THOROUGH AND EFFICIENT MANNER, AND IN CONFORMANCE, AT A MINIMUM, WITH NFPA 70, OR THESE DOCUMENTS, WHERE THEY EXCEED CODE REQUIREMENTS. USE BARE OR INSULATED CONDUCTORS, AS SPECIFIED HEREIN, AND OTHER MATERIALS INDICATED ON THE DRAWINGS.

ELECTRICAL DISTRIBUTION - CIRCUIT BREAKERS IN EXISTING PANELBOARDS:

1. PROVIDE NEW CIRCUIT BREAKERS, FOR INSTALLATION IN EXISTING PANELBOARDS, OF THE SAME MANUFACTURER, TYPE AND SHORT CIRCUIT CURRENT INTERRUPTING RATINGS AS THE EXISTING PANELBOARD CIRCUIT BREAKERS.

ELECTRICAL DISTRIBUTION - DISCONNECT (SAFETY) SWITCHES:

1. DISCONNECT (SAFETY) SWITCHES; SQUARE D, SIEMENS, CUTLER HAMMER, OR GENERAL ELECTRIC FUSED OR NON-FUSED (AS INDICATED ON DRAWINGS OR REQUIRED) NEMA KS, HEAVY DUTY, EXTERNALLY OPERATED, VISIBLE-BLADE SAFETY SWITCHES, NEMA ENCLOSURE TYPE INDICATED ON THE DRAWINGS OR SUITABLE FOR THE ENVIRONMENT IN WHICH INSTALLED, BASED ON FUSIBLE SWITCH AND FUSE SIZES INDICATED, INCLUDE CLASS R, J OR L FUSE PROVISIONS AS APPLICABLE.
2. WHERE INDICATED, PROVIDE FUSIBLE SWITCHES PERMANENTLY LABELED AS SUITABLE FOR USE AS SERVICE ENTRANCE EQUIPMENT, WITH INTEGRAL AND SEPARATE NEUTRAL AND GROUND ASSEMBLIES SUITABLE FOR THE SIZES OF CONDUCTORS INDICATED. DO NOT DOUBLE-LUG ANY TERMINATIONS NOT SPECIFICALLY LISTED AS SUITABLE FOR MORE THAN ONE CONDUCTOR.

3. PROVIDE SWITCHES WHERE NOT FURNISHED WITH THE STARTING EQUIPMENT, AT ALL OTHER POINTS REQUIRED BY NFPA 70, AND WHERE INDICATED ON THE DRAWINGS.

ELECTRICAL DISTRIBUTION - FUSES:

1. PROVIDE EACH CIRCUIT AND SET OF FUSE CLIPS THROUGHOUT THE WORK WITH BUSMANN, FERRAZ SHAW-WORT, OR LITTLEFUSE FUSES, SIZES AND TYPES AS REQUIRED OR INDICATED. ALL FUSES LARGER THAN 600A; UL CLASS L, SIMILAR TO TYPE KRP-C, BUSMANN LOW PEAK OR EQUIVALENT FUSES USED TO PROTECT: UL CLASS RK1, BUSMANN FUSETRON OR EQUIVALENT FUSES USED TO PROTECT ALL OTHER ELECTRICAL EQUIPMENT; UL CLASS RK1, DUAL ELEMENT, BUSMANN LP5/LPN OR EQUIVALENT, ALL FUSED DEVICES SHALL BE LABELED AS TO TYPE AND SIZE OF FUSE REQUIRED.

2. FURNISH THREE SPARE FUSES OF EACH SIZE AND TYPE USED ON THE PROJECT (EXCEPT FOR MAIN SWITCH FUSES, FURNISH ON SPARE), NEATLY CONTAINED IN A PROPERLY LABELED CABINET.

LIGHTING

LIGHT FIXTURE LOCATIONS:

1. LIGHT FIXTURES SHOWN ON THE ELECTRICAL DRAWINGS REPRESENT GENERAL ARRANGEMENTS ONLY. REFER TO ARCHITECTURAL DRAWINGS FOR MORE EXACT LOCATIONS. COORDINATE LOCATION WITH ALL OTHER TRADES BEFORE INSTALLATION TO AVOID CONFLICTS. COORDINATE LIGHT FIXTURE LOCATIONS IN MECHANICAL ROOMS WITH FINAL INSTALLED PIPING AND DUCTWORK LAYOUTS.

LIGHT FIXTURES:

1. PROVIDE LIGHT FIXTURES AS SCHEDULED ON DRAWINGS, INCLUDING ALL LAMPS, ALL NECESSARY MATERIALS AND LABORS TO COMPLETELY HANG, CLEAN, AND MAKE LIGHT FIXTURES COMPLETELY READY FOR USE. LIGHT FIXTURE MODEL NUMBERS SCHEDULED ON THE DRAWINGS SHOWN ONLY THE MANUFACTURER, GRADE AND STYLE OF LIGHT FIXTURES REQUIRED. PROVIDE ALL HANGERS, SUPPORTS, AND MISCELLANEOUS HARDWARE REQUIRED TO INSTALL LIGHT FIXTURES; PROPER TRIM TO FIT EACH CEILING CONDITION ACTUALLY ENCOUNTERED; ADDITIONAL TIE WIRES CONNECTED TO STRUCTURE TO MEET SEISMIC REQUIREMENTS WHERE REQUIRED BY THE APPLICABLE BUILDING CODE.

2. PACKAGING OF LIGHT FIXTURES WILL NOT BE ALLOWED. ONLY THOSE LUMINAIRES LISTED IN THE LIGHT FIXTURE SCHEDULE, OR APPROVED IN ACCORDANCE WITH SUBSTITUTIONS OF THESE SPECIFICATIONS, WILL BE ACCEPTED. WHERE THE LIGHT FIXTURE SCHEDULE INDICATES AN ALLOWANCE FOR A SPECIFIC LIGHT FIXTURE, THE PRICE IS A CONTRACTOR PRICE. INCLUDE ALL ADDITIONAL COSTS FOR THE FREIGHT, LAMPS, AND INSTALLATION OF LIGHT FIXTURE AND LAMPS.

3. SURFACE-MOUNT ALL LED LIGHT FIXTURES LOCATED IN AREAS WITHOUT SUSPENDED CEILINGS UNLESS OTHERWISE INDICATED ON THE DRAWINGS. PROVIDE RIGID METAL SPACERS FINISHED IN WHITE ENAMEL BETWEEN THE TOP OF EACH LIGHT FIXTURE AND THE CEILING ABOVE TO MAINTAIN 1-1/2-INCH SPACE. SPACERS SHALL BE APPROVED BEFORE INSTALLATION.

4. INSTALL LED LIGHT FIXTURES HUNG IN CONTINUOUS ROWS ON CHANNEL STRUTS SPECIFICALLY DESIGNED FOR THIS PURPOSE.

5. INSTALL ALL LED LIGHT FIXTURES LOCATED IN AREAS WITHOUT CEILINGS IMMEDIATELY BELOW THE ROOF-FRAMING MEMBERS, OR SUSPENDED FROM CHAIN HANGERS SUITABLE IN LENGTH TO PROVIDE THE INDICATED MOUNTING HEIGHT, HANGERS; "HYDEE" HANGER TYPE FOR OUTLET TYPE FOR OUTLET BOX MOUNTING, COMPLETE WITH GROUNDING RECEPTACLE, PLUG, 3-WIRE CORD AND NECESSARY CHAIN.

6. THROUGH WIRING OF RECESSED LIGHT FIXTURES, IN SUSPENDED CEILINGS, IS NOT PERMITTED. CONNECT EACH LIGHT FIXTURE BY A WHIP TO A JUNCTION BOX. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5' FOOT RADIUS OF ITS INSTALLED LOCATION, BUT NOT EXCEEDING 6 FEET IN UNSUPPORTED LENGTHS.

EMERGENCY LIGHTINGS UNITS AND EXIT SIGNS:

1. DESCRIPTION: SELF-CONTAINED UNITS COMPLYING WITH UL 924.

2. BATTERY: SEALED, MAINTENANCE-FREE, LEAD-ACID TYPE. THE BATTERIES SHALL BE OF SUITABLE RATING AND CAPACITY TO SUPPLY AND MAINTAIN AT NOT LESS THAN 97 1/2 PERCENT OF THE NOMINAL BATTERY VOLTAGE FOR THE TOTAL LAMP LOAD ASSOCIATED WITH THE UNIT FOR A PERIOD OF AT LEAST 1 1/2 HOURS, OR THE UNIT EQUIPMENT SHALL SUPPLY AND MAINTAIN NOT LESS THAN 60 PERCENT OF THE INITIAL EMERGENCY ILLUMINATION FOR A PERIOD OF AT LEAST 1 1/2 HOURS.

3. CHARGER: FULLY AUTOMATIC, SOLID-STATE TYPE WITH SEALED TRANSFER RELAY.

4. OPERATION: RELAY AUTOMATICALLY TURNS LAMP ON WHEN POWER SUPPLY CIRCUIT VOLTAGE DROPS TO 80 PERCENT OF NOMINAL VOLTAGE OR BELOW. LAMP AUTOMATICALLY DISCONNECTS FROM BATTERY WHEN VOLTAGE APPROACHES DEEP-DISCHARGE LEVEL. WHEN NORMAL VOLTAGE IS RESTORED, RELAY DISCONNECTS LAMPS FROM BATTERY, AND BATTERY IS AUTOMATICALLY RECHARGED AND FLOATED ON CHARGER.

5. TEST PUSH BUTTON: PUSH-TO-TEST TYPE, IN UNIT HOUSING, SIMULATES LOSS OF POWER. LED INDICATOR LIGHT INDICATES NORMAL POWER ON. NORMAL GLOW INDICATES TRIACKE CHARGE, BRIGHT GLOW INDICATES CHARGING AT END OF DISCHARGE CYCLE.

6. INTEGRAL TIME-DELAY RELAY: HOLDS UNIT ON FOR FIXED INTERVAL OF 15 MINUTES WHEN POWER IS RESTORED AFTER AN OUTAGE.

7. REMOTE TEST: SWITCH IN HAND-HELD REMOTE DEVICE AIMED IN DIRECTION OF TESTED UNIT INITIATES CODED INFRARED SIGNAL. SIGNAL RECEPTION BY FACTORY-INSTALLED INFRARED RECEIVER IN TESTED UNIT TRIGGERS SIMULATION OF LOSS OF ITS NORMAL POWER SUPPLY, PROVIDING VISUAL CONFIRMATION OF EITHER PROPER OR FAILED EMERGENCY RESPONSE.

8. INTEGRAL SELF-TEST: FACTORY INSTALLED ELECTRONIC DEVICE AUTOMATICALLY INITIATES CODE-REQUIRED TEST OF UNIT EMERGENCY OPERATION AT REQUIRED INTERVALS. TEST FAILURE IS ANNUNCIATED BY AN INTEGRAL AUDIBLE ALARM AND FLASHING RED LED.

LAMPS:

1. PROVIDE LAMPS AS INDICATED ON THE DRAWINGS FOR ALL LIGHT FIXTURES, OR, IF NOT INDICATED, AS RECOMMENDED BY THE LIGHT FIXTURE MANUFACTURER. IN ALL CASES, LAMPS SHALL BE COMPATIBLE WITH THE SPECIFIED LIGHT FIXTURE. ACCEPTABLE LAMP MANUFACTURERS : GENERAL ELECTRIC, OSRAM/SYLVANIA, PHILIPS, OR VENTURE.

2. ALL LED'S SHALL BE MINIMUM OF 3500 DEGREES K, WITH A MINIMUM COLOR-RENDERING INDEX OF 70, UNLESS NOTED OR DIRECTED OTHERWISE. ALL LEDS IN SALES AREAS SHALL BE 3000 DEGREES K WITH A COLOR-RENDERING INDEX OF 70.

3. INCANDESCENT LAMPS: TYPE AND WATTAGE AS SHOWN ON THE DRAWINGS; RATED 130V UNLESS OTHERWISE SCHEDULED OR SPECIFIED.

MISCELLANEOUS ELECTRICAL

WIRING OF MECHANICAL EQUIPMENT:

1. PROVIDE ALL RACEWAYS AND POWER WIRING FOR ALL DIVISION 15 EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS, INCLUDING, BUT NOT LIMITED TO, PUMPS, WATER HEATERS, FAN MOTORS, AND EQUIPMENT AND ALL LINE-VOLTAGE CONTROL AND INTERLOCK WIRING NOT PROVIDED UNDER DIVISION 15. CONNECT PER MANUFACTURERS WIRING DIAGRAMS. COORDINATE WITH DIVISION 15 FOR DISCONNECTS TO BE INSTALLED WITH EQUIPMENT AND PROVIDE ALL DISCONNECT SWITCHES AS REQUIRED. AFTER INSTILLING WIRING, VERIFY THAT EACH MOTOR LOAD HAS THE CORRECT PHASE ROTATION.

2. VERIFY THE ACTUAL "MAXIMUM OVERCURRENT PROTECTION" (MOCP) DEVICE RATINGS AND "MINIMUM CIRCUIT AMPACITY" (MCA) CONDUIT SIZING FOR MECHANICAL EQUIPMENT FROM THE EQUIPMENT NAMEPLATE. BASE ELECTRICAL INSTALLATIONS ON ACTUAL REQUIRED AMPERAGES, WHICH MAY VARY SOMEWHAT FROM THE CONVENTIONAL CONDUIT SIZING. COORDINATE WITH DIVISION 15, IN NO CASE, REDUCE THE SIZE OF CONDUCTORS INDICATED ON THE DRAWINGS WITHOUT AUTHORIZATION FROM THE ENGINEER. PROVIDE PROPERLY SIZED ELECTRICAL WIRING AND EQUIPMENT WITHOUT EXTRA COST TO THE OWNER. NOTIFY THE ENGINEER OF ALL CHANGES REQUIRED IN THE ELECTRICAL INSTALLATION DUE TO EQUIPMENT VARIANCES SO THAT THE EFFECTS ON FEEDERS, BRANCH CIRCUITS, PANELBOARDS, FUSES AND CIRCUIT BREAKERS CAN BE CHECKED PRIOR TO PURCHASING AND INSTALLATION. BE RESPONSIBLE FOR COORDINATING WITH DIVISION 15 TO VERIFY THE ACTUAL AMPACITIES AND CORRECT SIZES OF ALL CONDUCTORS AND OVERCURRENT PROTECTIVE DEVICES FOR ALL EQUIPMENT, AND CORRECT OVERLOAD HEATERS FOR ALL MOTORS, WHEN STARTERS ARE PROVIDED UNDER DIVISION 16.

WIRING OF THERMOSTATS, TIME AND TEMPERATURE CONTROLS:

1. PROVIDE ALL RACEWAYS, POWER WIRING, AND LINE-VOLTAGE CONTROL AND INTERLOCK WIRING NOT PROVIDED UNDER DIVISION 15, FOR ALL THERMOSTATS, TEMPERATURE CONTROL DEVICES, AND CONTROLS, INCLUDING, BUT NOT LIMITED TO, NIGHT-STATS, WATER HEATER INTERLOCKS, TIME SWITCHES AND OVERRIDE TIMERS. SEE MECHANICAL DRAWINGS FOR LOCATIONS AND TEMPERATURE CONTROL DIAGRAM. LOW-VOLTAGE CONDUCTORS FOR THERMOSTATS AND TEMPERATURE CONTROL SYSTEM MAY BE RUN EXPOSED ABOVE FINISHED ACCESSIBLE CEILINGS, IF APPROVED AND LISTED FOR THIS PURPOSE, BUT SHALL BE INSTALLED IN CONDUIT WITHIN WALLS AND WHERE EXPOSED IN THE WORK AREAS.

DATA SYSTEM PROVISIONS:

1. PROVIDE FLUSH MOUNTED DATA OUTLET BOXES WITH INCH CONDUIT STUB-UP CONCEALED TO ACCESSIBLE CEILING SPACE AT LOCATIONS AS INDICATED ON THE DRAWINGS.

TIME SWITCHES:

1. TIME SWITCHES: ELECTRONIC DIGITAL ASTRONOMICAL TYPE AS INDICATED, WITH NECESSARY NEMA ENCLOSURE MATERIALS AND LABORS TO COMPLETELY HANG, INSTALL, NUMBER AND TYPES OF CONTACTS, SEQUENCE, AND VOLTAGE AS INDICATED ON THE DRAWINGS, OR AS REQUIRED, BASED ON THE TIME SWITCH DIAGRAMS. NUMBER OF BRANCH CIRCUITS OR CONTACTORS CONTROLLED, PROVIDE WIRING TO PHOTOCELLS, CONTRACTORS, RELAYS OR OTHER CONTROL POINTS AS REQUIRED, MANUFACTURERS: INTERMATIC, PARAGON, OR TORK.

LIGHTING CONTACTORS:

1. INDUSTRIAL DUTY TYPE; SILVER ALLOY, DOUBLE BREAK CONTACTS, CONVERTIBLE WITH NO AND NC INDICATORS; CAPABLE OF ADDING POLES IN THE FIELD; NUMBER AND RATING OF POLES AS INDICATED ON THE DRAWINGS OR REQUIRED BY THE LOAD CONTROLLED; TYPED DIRECTORY AFFIXED TO THE INSIDE OF THE ENCLOSURE DOOR LISTING ALL BRANCH CIRCUITS SWITCHED AND THE CONTROL POWER BRANCH CIRCUIT. COORDINATE CONTACT REQUIREMENTS WITH FSS PRIOR TO PLACING ORDER.

2. SHORT CIRCUIT CURRENT RATING: 22,000 AT 240V AC

3. ENCLOSURES: NEMA 1

4. COIL VOLTAGE: 120V AC

5. ELECTRICALLY-HELD TYPE, CONTROL INTERFACE SHALL BE 2-WIRE; SQUARE D CLASS 9403 L, OR EQUIVALENT OF GENERAL ELECTRIC, CUTLER HAMMER, SIEMENS OR ASCO.

6. ACCESSORIES: HAND-OFF-AUTO (HOA) SELECTOR SWITCH AUXILIARY CONTACTS (TWO FORM-C)

EXISTING FIRE ALARM SYSTEM MODIFICATIONS:

1. PROVIDE THE FOLLOWING NEW EQUIPMENT, COMPATIBLE WITH, OR OF THE SAME MANUFACTURER AS, THE EXISTING FIRE ALARM CONTROL PANEL AND SYSTEM AT LOCATIONS INDICATED ON THE DRAWING, AS REQUIRED BY BUILDING CODES, THE LANDLORD, OR ALL THREE, AND CONNECT TO THE EXISTING FIRE ALARM CONTROL PANEL:

- a. ADDITIONAL INITIATING DEVICES, INDICATING APPLIANCES, AND INTERCIRCUITS
- b. ADDITIONAL ZONE MODULES REQUIRED BY NEW ZONING.
- c. NEW AMPLIFIERS AND OTHER EQUIPMENT THAT MAY BE REQUIRED TO INCORPORATE THE NEW INITIATING DEVICES AND INDICATING APPLIANCES INTO THE EXISTING SYSTEM.
- d. A NEW ZONE MAP, INCLUDING ALL EXISTING ZONES AND ALL NEW ZONES, FRAMED, MOUNTED UNDER GLASS, AND INSTALLED ADJACENT TO THE FIRE ALARM CONTROL PANEL. HORN/STROBES SHALL MEET ALL REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.

2. INSTALL ALL WIRING IN RACEWAY.

3. WHERE ACCEPTABLE TO THE AHJ, PLENUM RATED CABLES MAY BE USED ABOVE SUSPENDED ACCESSIBLE CEILINGS.

ELECTRICAL SYMBOLS LIST

SYMBOL	DESCRIPTION
	EXIT LIGHT - CEILING, WALL, WITH LIGHTS
	EMERGENCY BATTERY LIGHT - INTERIOR, EXTERIOR
	FIXTURE - 2'x4' LED TROFFER - CEILING "A" = FIXTURE TYPE, "G" = SWITCH, "B" = CIRCUIT
	FIXTURE - 2'x2' LED TROFFER - CEILING
	FIXTURE - 3" SQUARE RECESSED LED
	FIXTURE - 2'x4', 2'x2' - NIGHTLIGHT OPERATION
	FIXTURE - EMERGENCY LIGHT W/ 90 MIN BATTERY
	FIXTURE - 16" LED PENDANT/ 12" LED PENDANT
	FIXTURE - TRACK WITH TRACK HEADS - MONOPOINT
	FIXTURE - LED LINEAR
	SWITCH-SINGLE POLE, THREE WAY, SUBSCRIPT DENOTES OUTLET CONTROLLED, DIMMER, OCCUPANCY SENSOR, VAGANCY - M.H. 44" AFF
	OCCUPANCY SENSOR - AS SPECIFIED - CEILING MOUNTED
	PHOTOCELL (INTERIOR) FOR DAYLIGHT HARVESTING
	LIGHTING CONTACTOR - TIME CLOCK
	RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX - M.H. 20" &OR OTHERWISE AS NOTED
	RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX - M.H. +/- 44"
	RECEPTACLE - 20A - 125 VOLTS DUPLEX - FULLY CONTROLLED M.H. 20" &OR OTHERWISE AS NOTED
	RECEPTACLE - 20A - 125 VOLTS DUPLEX - CEILING MOUNTED
	RECESSED FLOOR BOX - DUPLEX RECEPTACLE
	RECEPTACLE - SPECIAL - NEMA CONFIGURATION AS NOTED
	RECESSED FLOOR BOX - TELEPHONE/DATA OUTLET
	COMMUNICATIONS OUTLET - COMBINATION TELEPHONE/DATA PROVIDE 1" C WITH PULLSTRING TO CEILING SPACE
	PANELBOARD 277/480 VOLTS - M.H. 6'-6" TO TOP
	PANELBOARD 120/208 VOLTS - M.H. 6'-6" TO TOP
	SPECIAL SYSTEMS CONTROL PANEL AS NOTED
	SAFETY DISCONNECT SWITCH
	FUSED DISCONNECT SWITCH
	DRY TYPE TRANSFORMER
	SWITCH - MOTOR RATED
	SWITCH - KEY
	JUNCTION BOX - WALL/FLOOR, CEILING
	MOTOR - SINGLE PHASE, HORSEPOWER AS NOTED
	MOTOR - THREE PHASE, HORSEPOWER AS NOTED
	COMBINATION STARTER/DISCONNECT SWITCH
	ELECTRIC HEATING ELEMENT
	DUCT DETECTOR
	SMOKE DETECTOR/SMOKE DETECTOR TEST STATION
	SECURITY CAMERA - CEILING
	DRAWING NOTE
	HOME RUN TO PANEL-LETTER AND NO. INDICATES CIRCUIT NUMBER. NO. OF CROSSLINES INDICATES NO. OF CONDUCTORS WHEN MORE THAN 3.
	CONDUIT - IN CEILING OR WALLS
	CONDUIT - IN OR UNDER FLOOR
	TELEVISION - COMBINATION RECEPTACLE / TV CABLE - WALL, CEILING
	PLUGMOLD
	SPEAKER - CEILING
	DOOR BELL CHIME
	FIRE ALARM DEVICE - VISUAL/AUDIBLE - WALL, CEILING
	FIRE ALARM DEVICE - AUDIBLE/HORN
	FIRE ALARM DEVICE - VISUAL - WALL
	FIRE ALARM DEVICE - VISUAL - CEILING
	FIRE ALARM DEVICE - VISUAL/PULLSTATION
	FIRE ALARM DEVICE - PULLSTATION
	CARD READER HD PROXPRO 5355
	SECURITY KEYPAD

RECEPTACLE/SWITCH/COVERPLATE FINISH COLORS	
WALL COLOR	FINISH COLOR
GRAY	SWITCH - GRAY COVERPLATE - GRAY
WHITE	SWITCH - WHITE COVERPLATE - WHITE
CEILING	MATCH SURROUNDING FINISH
NONMETALLIC FLOOR BOX	BLACK PLASTIC COVER PLATE

LIGHTING NOTES (CONTROLS):

1. ALL OCCUPANCY SENSORS SHALL TIMEOUT AFTER A 10 (TEN) MINUTE TIME PERIOD.
2. OCCUPANCY SENSORS SHALL BE CAPABLE OF MANIAL ON/AUTOMATIC OFF OPERATION.
3. OCCUPANCY SENSORS SHALL BE POSITIONED AND ADJUSTED SO THAT SENSOR STATUS INDICATOR BLINKS WHEN ROOM IS OCCUPIED, AND ACTIVATES WHEN PERSON BREAKS THE PLANE OF THE DOORWAY.
4. OCCUPANCY SENSORS SHALL NOT TURN LIGHTS ON WHEN PERSON PASSES AN OPEN DOORWAY.

LIGHTING SEQUENCE OF OPERATIONS:

5. LIGHTING OVERRIDE (AFTER HOURS - HOUSEKEEPING - SALES AREA) FUNCTION SHALL BE CONTROLLED WITH SECURITY SYSTEM KEYPAD AND INTERLOCKED THROUGH LIGHTING CONTROL SYSTEM. SECURITY KEYPAD SHALL TURN ON LIGHTING WHEN DISARMED OR IN ALARM CONDITION AND OFF WHEN ARMED.
6. SWITCHED RECEPTACLES (FURNITURE FIXTURES), SHALL BE CONTROLLED THROUGH TIMECLOCK FOR 1 (ONE) HOUR ON BEFORE STORE OPENING, AND OFF 1 (ONE) HOUR AFTER STORE CLOSING. SWITCHED RECEPTACLES - DEFINED AS FURNITURE / CABINETS REQUIRING SWITCHED RECEPTACLE POWER FOR INTEGRAL UNIT LIGHTING (WALL GASES ETC).
7. GENERAL LIGHTING (SALES AREA), SHALL BE CONTROLLED THROUGH TIMECLOCK, SWITCH AND INTERLOCKED WITH MSE SECURITY SYSTEM TO TURN ON WHEN DISARMED OR IN ALARM CONDITION AND OFF WHEN SECURITY SYSTEM IS ARMED. GENERAL LIGHTING - DEFINED AS GENERAL HANGING PENDANT LIGHTING IN SALES AREA.
8. DISPLAY / TRACK (SALES AREA), SHALL BE CONTROLLED TIMECLOCK, SWITCH FOR 1 (ONE) HOUR ON BEFORE STORE OPENING, AND OFF 1 (ONE) HOUR AFTER STORE CLOSING. DISPLAY / TRACK LIGHTING - DEFINED AS ADJUSTABLE ACCENT AND SURFACE MOUNTED TRACK LIGHTING IN SALES AREA.
9. EXTERIOR SIGN LIGHTING, SHALL BE CONTROLLED THROUGH TIMECLOCK PER FACILITIES MANAGER. SCHEME SHALL BE SIMILAR TO ON FROM 4:00PM TO 7:00PM, EMS=PRIMARY CONTROL, PHOTOCELL=SECONDARY CONTROL. EXTERIOR SIGN LIGHTING - DEFINED AS EXTERIOR SIGNS, EXTERIOR FACING LIGHT WINDOW BOXES.
10. EXTERIOR SITE LIGHTING (PARKING LOT), SHALL BE CONTROLLED THROUGH TIMECLOCK PER FACILITIES MANAGER. SCHEME SHALL BE SIMILAR TO ON FROM 4:00PM TO 7:00PM, EMS=PRIMARY CONTROL, PHOTOCELL=SECONDARY CONTROL. EXTERIOR LIGHTING - DEFINED AS EXTERIOR BUILDING WALL MOUNTED AND PARKING LOT LIGHTING.
11. ANY AND ALL BACK OF HOUSE LIGHTING (BOH) FIXTURES SHALL BE CONTROLLED BY WALL OR CEILING MOUNTED OCCUPANCY SENSORS BACK OF HOUSE - DEFINED AS OFFICES, BREAK AREA, INVENTORY, HALL, BATHROOMS, WORK AREA, ETC.

ABBREVIATIONS

GRD	- GROUND	DWG	- DRAWING
M.H.	- MOUNTING HEIGHT	C, CDT	- CONDUIT
AFF	- ABOVE FINISHED FLOOR	T	- TRANSFORMER
GFI	- GROUND FAULT INTERRUPTER	NL	- NIGHT LIGHT
IG	- ISOLATED GROUND	LTS	- LIGHTS
TYP	- TYPICAL	RECP	- RECEPTACLE
S.O.W.	- SCOPE OF WORK	CLG	- CEILING
V.I.F.	- VERIFY IN FIELD	N.I.C.	- NOT IN CONTRACT

MFR	- MANUFACTURER
AHJ	- AGENCY (AUTHORITY) HAVING JURISDICTION
LCP	- LIGHTING CONTROL PANEL
NRTL	- NATIONALLY RECOGNIZED TESTING LABORATORY

Florida State Statute Requirement: This Item has been electronically signed and sealed by Timothy J. Smith using a digital signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

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PROJECT NAME

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NextGen Refresh
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Lake City, FL 32055

PROJECT NUMBER		22152E
DRAWN BY		CBH
ISSUED DATE		12/20/2022
NO.	REVISION	DATE

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SHEET TITLE
Specifications &
Electrical Symbols
List

SHEET NUMBER

90.02

GENERAL NOTES:

1. LIGHT FIXTURES INDICATED SHALL BE REMOVED BY G.C. SEE SHEET 92.01 FOR NEW LIGHTING PLAN.
2. CONTRACTOR TO SURVEY ALL ELECTRICAL CIRCUITS AND OUTLETS PRIOR TO RE-CIRCUITING. CIRCUITS WITH EXISTING DEVICES TO REMAIN SHALL BE LEFT IN PLACE. USE SPARE CIRCUITS OR SPACES IN PANELBOARD FOR NEW CIRCUITS. BALANCE LOADS IN PANELBOARD AS NECESSARY.
3. CONTRACTOR SHALL SURVEY PANELBOARDS AND TEST CIRCUITS ACCORDING TO PHASING PLAN. DISCONNECT CIRCUITS FOR EQUIPMENT TO BE REMOVED AFTER EQUIPMENT REMOVAL.
4. EXISTING CIRCUITS TO REMAIN SHALL BE TESTED AND WIRING REPLACED IF NECESSARY.
5. CONTRACTOR SHALL COORDINATE W/SECURITY VENDOR FOR REMOVAL, RELOCATION AND INSTALLATION OF ALL SECURITY SYSTEM DEVICES AND EQUIPMENT. SEE SHEET 92.01 FOR NEW SECURITY DEVICE LAYOUT.
6. CONTRACTOR SHALL REMOVE ALL UNUSED CONDUIT, WIRING, FIXTURES, ETC. AND DISCARD OFF-SITE. ABANDONED ITEMS LEFT ABOVE CEILING/ONSITE SHALL NOT BE ACCEPTABLE.

DRAWING NOTES

- ① ALL LIGHTING FIXTURES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL LIGHTING FIXTURES, OUTLETS AND COMMUNICATION DEVICES TO BE REMOVED ARE SHOWN HEAVY, DASHED.
- ② REMOVE EXISTING LIGHTING FIXTURE AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ③ REMOVE EXISTING LIGHT SWITCH AND ALL ASSOCIATED WIRING BACK TO SOURCE. CONTRACTOR SHALL REWORK LIGHTING CIRCUIT IF NEEDED IN NEW WORK PHASE.
- ④ REMOVE EXISTING EMERGENCY EXIT SIGN AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑤ IN SALES AREA, REMOVE EXISTING SECURITY DEVICES AND ALL ASSOCIATED WIRING BACK TO SOURCE. EXISTING SECURITY DEVICES WITHIN RECONFIGURED BACK OF HOUSE AREAS SHALL BE REMOVED, RELOCATED AND/OR REPLACED DEPENDING ON SCOPE. CONTRACTOR SHALL COORDINATE WITH VERIZON PROJECT MANAGER AND SECURITY VENDOR REGARDING NEW SECURITY REQUIREMENTS.
- ⑥ REMOVE EXISTING CEILING RECESSED SPEAKERS AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑦ REMOVE EXISTING WIRELESS ACCESS POINTS AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑧ VERIZON EXTERIOR SIGNAGE TO REMAIN.
- ⑨ EXISTING LIGHT SWITCH TO REMAIN. CONTRACTOR SHALL VERIFY/CONFIRM USE IN NEW WORK PHASE. IF NOT NEEDED CONTRACTOR SHALL REMOVE.
- ⑩ EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN.
- ⑪ EXISTING LIGHT SWITCH TO BE REMOVED AND RELOCATED IN NEW WORK PHASE. SEE SHEET 92.01 FOR ADDITIONAL INFORMATION.

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PROJECT NUMBER		22152E
DRAWN BY		CBH
ISSUED DATE		12/20/2022
NO.	REVISION	DATE

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SHEET TITLE

Demolition
Lighting Plan

SHEET NUMBER

91.01

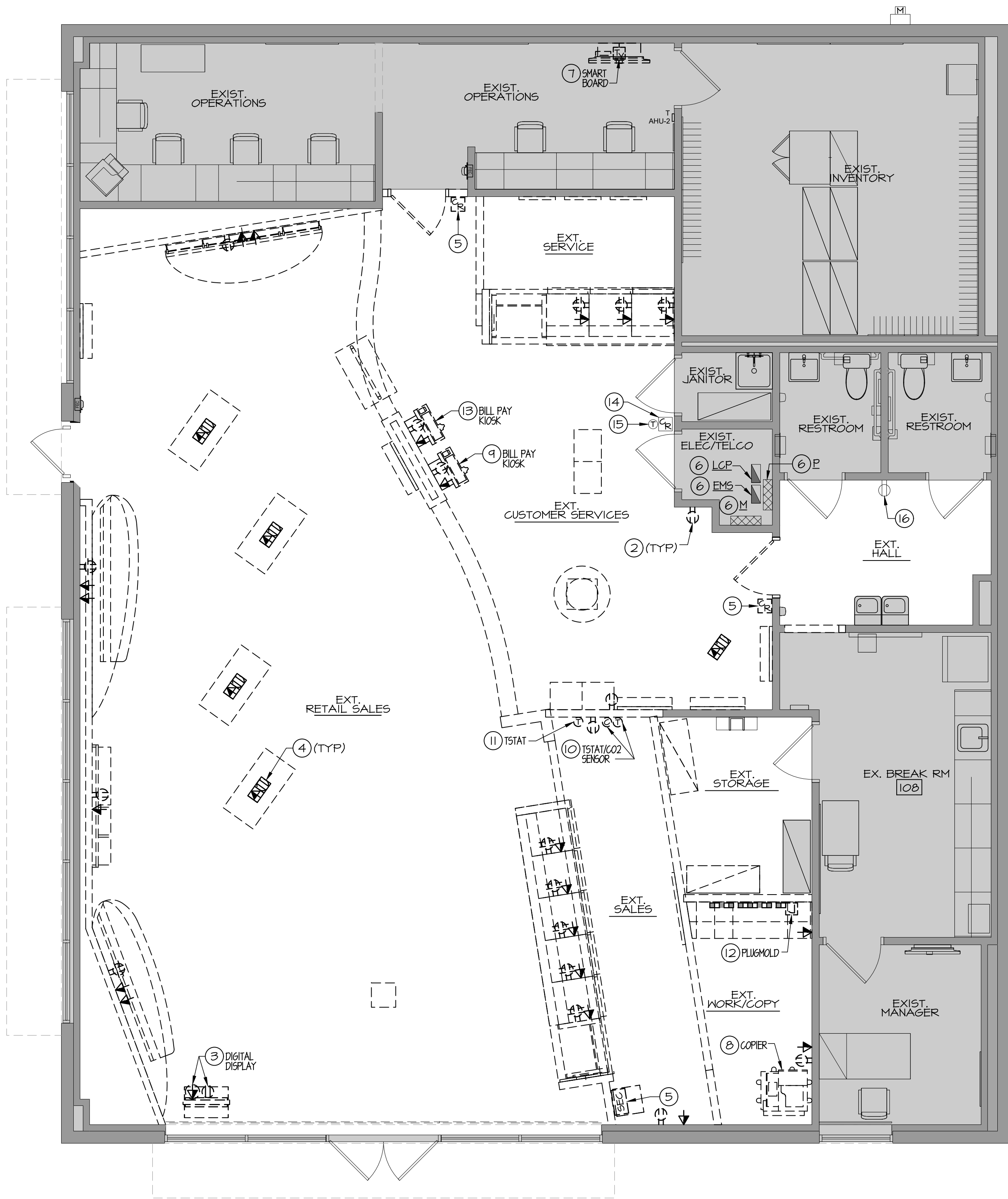
PHASE
Permit Documents



① DEMOLITION LIGHTING PLAN

THIS PROJECT INCLUDES PHASED CONSTRUCTION. REFER TO ARCHITECTURAL PHASING DESIGN PLANS AND COORDINATE ALL WORK WITH VERIZON WIRELESS PROJECT MANAGER IN THE FIELD.

0 1 2 3 4 8 12
SCALE: 1/4"=1'-0"



① DEMOLITION POWER PLAN
SCALE: 1/4" = 1'-0"

THIS PROJECT INCLUDES PHASED CONSTRUCTION, REFER TO ARCHITECTURAL PHASING DESIGN PLANS AND COORDINATE ALL WORK WITH VERIZON WIRELESS PROJECT MANAGER IN THE FIELD.

GENERAL NOTES:

CONTRACTOR TO SURVEY ALL ELECTRICAL CIRCUITS AND OUTLETS PRIOR TO RE-CIRCUITING. CIRCUITS WITH EXISTING DEVICES TO REMAIN SHALL BE LEFT IN PLACE. USE SPARE CIRCUITS OR SPACES IN PANELBOARD FOR NEW CIRCUITS. BALANCE LOADS IN PANELBOARD AS NECESSARY.

CONTRACTOR SHALL SURVEY PANELBOARDS AND TEST CIRCUITS ACCORDINGLY. DISCONNECT CIRCUITS FOR EQUIPMENT TO BE REMOVED AFTER EQUIPMENT REMOVAL.

EXISTING CIRCUITS TO REMAIN SHALL BE TESTED AND WIRING REPLACED IF NECESSARY.

CONTRACTOR SHALL REMOVE ALL UNUSED CONDUIT, WIRING, FIXTURES, ETC. AND DISCARD OFF SITE. ABANDONED ITEMS LEFT ABOVE CEILING/ONSITE SHALL NOT BE ACCEPTABLE.

DRAWING NOTES

- ① ALL DEVICES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL DEVICES TO BE REMOVED ARE SHOWN HEAVY, DASHED.
- ② REMOVE EXISTING RECEPTACLE/JUNCTION BOX/COMMUNICATIONS OUTLET DEVICE AND ASSOCIATED WIRING BACK TO SOURCE.
- ③ REMOVE EXISTING CEILING RECEPTACLE/DATA DEVICE FOR FREESTANDING DIGITAL DISPLAY. DISCONNECT BRANCH CIRCUIT WIRING AND PREPARE FOR RECONNECTION IN NEW WORK PHASE. SEE SHEET 92.02 FOR ADDITIONAL INFORMATION.
- ④ REMOVE EXISTING FLOOR BOX RECEPTACLE/DATA DEVICE AND ASSOCIATED WIRING BACK TO SOURCE. PATCH AND REPAIR FLOOR AS REQUIRED.
- ⑤ REMOVE EXISTING KEYPAD OR CARD READER AND ALL ASSOCIATED WIRING BACK TO SOURCE. PREPARE FOR RELOCATION IN NEW WORK PHASE. COORDINATE WITH SECURITY VENDOR IN THE FIELD.
- ⑥ EXISTING ELECTRICAL EQUIPMENT TO REMAIN. REFER TO POWER RISER, SHEET 94.01, FOR ADDITIONAL INFORMATION.
- ⑦ REMOVE EXISTING SMART BOARD. DISCONNECT BRANCH CIRCUIT WIRING AND PREPARE FOR RELOCATION AND RECONNECTION IN NEW WORK PHASE. SEE SHEET 92.02 FOR ADDITIONAL INFORMATION.
- ⑧ REMOVE EXISTING FLOOR COPIER. DISCONNECT BRANCH CIRCUIT WIRING AND PREPARE FOR RELOCATION AND RECONNECTION IN NEW WORK PHASE. SEE SHEET 92.02 FOR ADDITIONAL INFORMATION.
- ⑨ REMOVE EXISTING BILL PAY KIOSK. DISCONNECT BRANCH CIRCUIT WIRING AND PREPARE FOR RELOCATION AND RECONNECTION IN NEW WORK PHASE. SEE SHEET 92.02 FOR ADDITIONAL INFORMATION.
- ⑩ REMOVE WALL MOUNTED PROGRAMMABLE THERMOSTAT AND CARBON DIOXIDE SENSOR AND ALL ASSOCIATED CONTROL WIRING. PREPARE FOR RELOCATION IN NEW WORK PHASE (BY OTHERS). SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- ⑪ REMOVE WALL MOUNTED PROGRAMMABLE THERMOSTAT AND ALL ASSOCIATED CONTROL WIRING. PREPARE FOR RELOCATION IN NEW WORK PHASE (BY OTHERS). SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
- ⑫ REMOVE EXISTING PLUGMOLD AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑬ REMOVE EXISTING BILL PAY KIOSK AND ALL ASSOCIATED WIRING BACK TO SOURCE.
- ⑭ EXISTING CARD READER TO REMAIN.
- ⑮ EXISTING WALL MOUNTED THERMOSTAT TO REMAIN.
- ⑯ EXISTING RECEPTACLE TO REMAIN.

STAMP

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PROJECT NUMBER		22152E
DRAWN BY		CBH
ISSUED DATE		12/20/2022
NO.	REVISION	DATE

SHEET TITLE

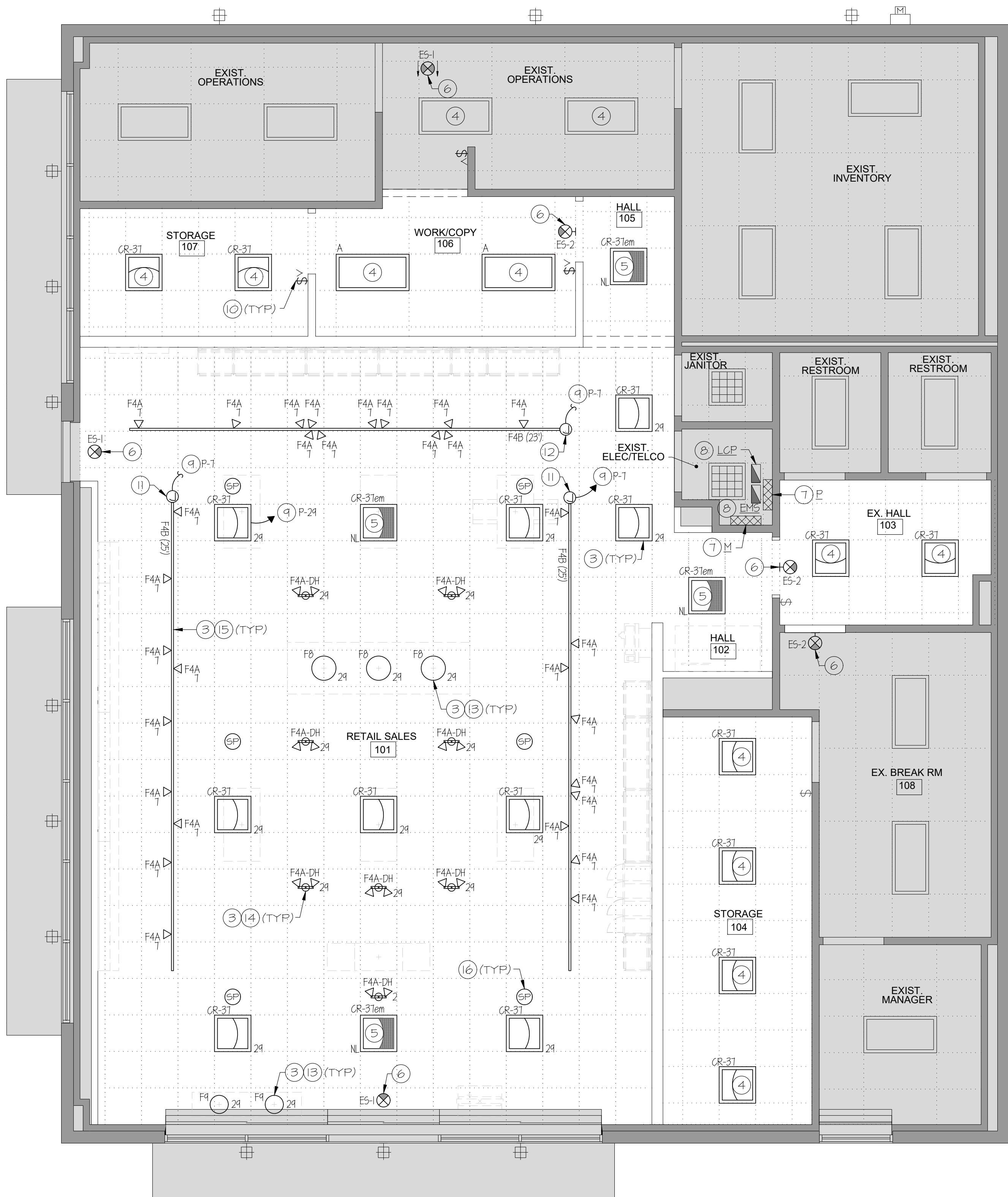
Demolition
Power Plan

SHEET NUMBER

91.02

PHASE
Permit Documents

0 1 2 3 4 8 12
SCALE: 1/4" = 1'-0"



1217 LIGHTING PLAN
SCALE: 1/4" = 1'-0"

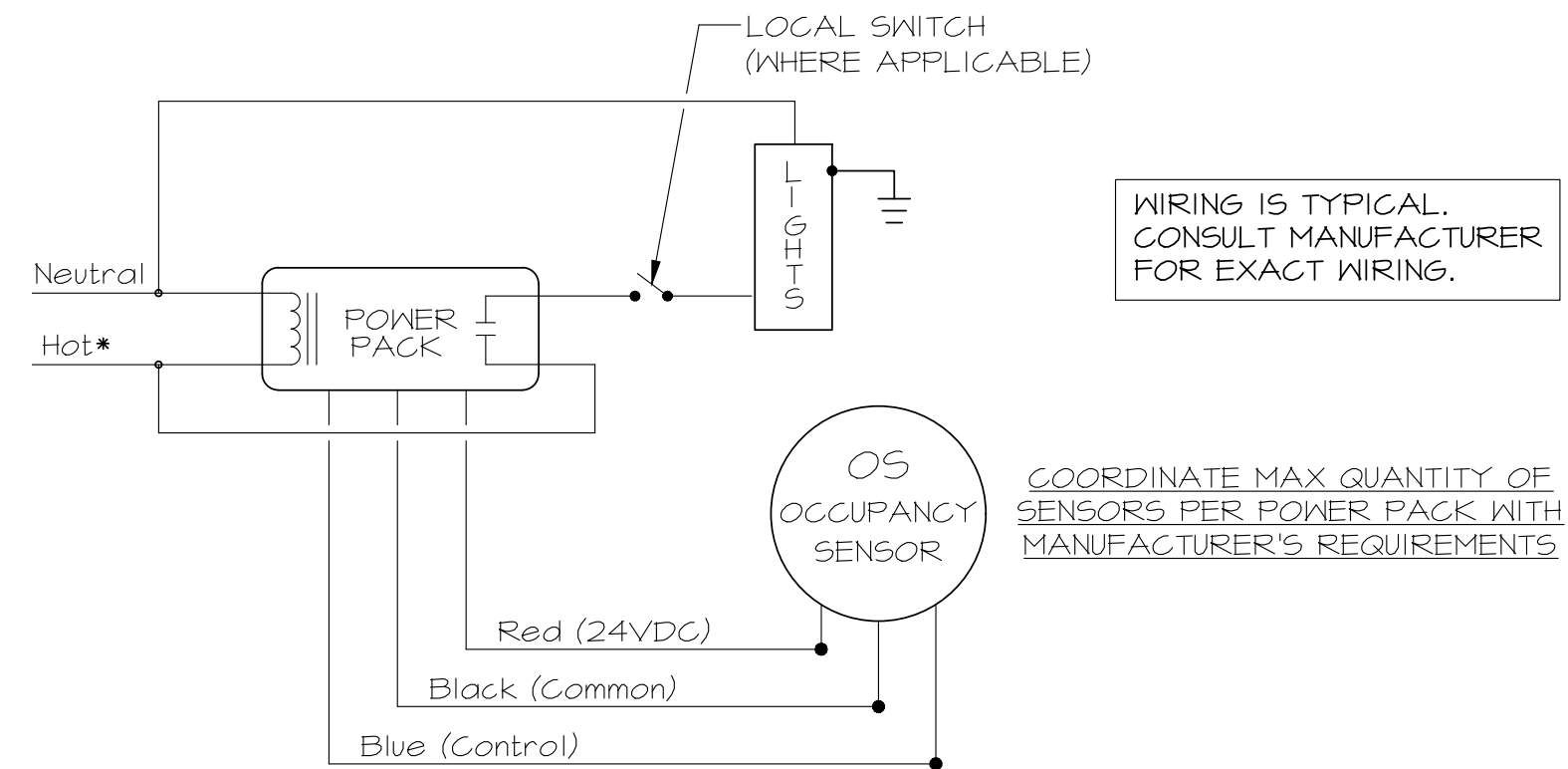
THIS PROJECT INCLUDES PHASED CONSTRUCTION. REFER TO ARCHITECTURAL PHASING DESIGN PLANS AND COORDINATE ALL WORK WITH VERIZON WIRELESS PROJECT MANAGER IN THE FIELD.

GENERAL NOTES:

1. CONTRACTOR SHALL PROVIDE LOCKING TYPE BREAKERS ON ALL EMERGENCY BACK-UP/NIGHT LIGHTING FIXTURES AND EXIT CIRCUITS.
2. CONNECT ALL EXIT LIGHTS AND NIGHT LIGHTS TO UNSWITCHED CIRCUIT INDICATED.
3. ALL EMERGENCY EGRESS LIGHTS (BATTERY PACKS) SHALL BE CONNECTED TO THE UNSWITCHED LIGHTING CIRCUIT SERVING AREA. EGRESS ILLUMINATION SHALL BE NOT LESS THAN 1 FOOTCANDLE (11 LUX) AT THE WALKING SURFACE.
4. REFER TO OCCUPANCY SENSOR WIRING DIAGRAM FOR SENSOR MODELS 4 WIRING DETAILS.
5. REFER TO ARCHITECTURAL DRAWINGS (REFLECTED CEILING PLAN AND FIXTURE PLAN) FOR FINAL EQUIPMENT (FURNITURE FIXTURE) LOCATIONS.
6. REFER TO LIGHTING CONTROL SYSTEM SCHEMATIC DIAGRAM.
7. PHOTOCELL (OSA SENSOR) IS PROVIDED WITH ENERGY MANAGEMENT SYSTEM (EMS) AND PROPOSED TO BE MOUNTED TO ROOF TOP UNIT.

DRAWING NOTES

1. ALL LIGHTING FIXTURES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL NEW LIGHTING FIXTURES ARE SHOWN BOLD, SOLID.
2. CONTRACTOR SHALL COORDINATE LOCATION OF LIGHTING FIXTURES WITH ALL OTHER TRADES (HVAC, PLUMBING, SPRINKLER, ETC.).
3. PROVIDE AND INSTALL NEW LIGHT FIXTURE. REFER TO LIGHT FIXTURE SCHEDULE, SHEET 44.01, FOR ADDITIONAL INFORMATION.
4. CONNECT NEW/EXISTING LIGHT FIXTURES IN THIS AREA TO CIRCUIT INDICATED OR TO EXISTING 120V LIGHTING CIRCUIT PREVIOUSLY SERVING LIGHT FIXTURES REMOVED DURING DEMOLITION PHASE. CONTRACTOR SHALL REWIRE LIGHT FIXTURES IN THIS AREA, AS REQUIRED, TO ACHIEVE NEW SWITCHING SCHEME AS INDICATED.
5. EXTEND AND CONNECT 2#12-#126RD-3/4" C TO UNSWITCHED PORTION OF LIGHTING CIRCUIT SERVING AREA FOR "NIGHT LIGHT" AND OR EMERGENCY OPERATION (DESIGNATED BY "NL"). CONTRACTOR SHALL CONNECT TO EXISTING CIRCUIT SERVING EMERGENCY FIXTURES.
6. PROVIDE AND INSTALL NEW EMERGENCY EXIT SIGN. EXTEND BRANCH CIRCUIT WIRING TO EXISTING UNSWITCHED EMERGENCY LIGHTING CIRCUIT SERVING AREA.
7. PANELBOARD. REFER TO PANEL SCHEDULES ON SHEET 44.01 FOR ADDITIONAL INFORMATION.
8. EXISTING ENERGY MANAGEMENT SYSTEM.
9. EXTEND LIGHT CIRCUITS INDICATED VIA EXISTING LIGHTING CONTROLS. REFER TO THE CONTRACTOR SCHEDULE ON SHEET 44.01.
10. PROVIDE WALL MOUNTED (SINGLE POLE, DIMMER, DUAL TECHNOLOGY, VACANCY OCCUPANCY SENSOR) SWITCH AS INDICATED. EXTEND WIRING AS REQUIRED TO CONTROL LIGHTING FIXTURES WITHIN DESIGNATED SPACE AND OR AS INDICATED WITH SUBSCRIPTS ("a", "b", "c", "d", "e", "f", "g", "h", "i", "j", "k", "l", "m", "n", "o", "p", "q", "r", "s", "t", "u", "v", "w", "x", "y", "z", "aa", "ab", "ac", "ad", "ae", "af", "ag", "ah", "ai", "aj", "ak", "al", "am", "an", "ao", "ap", "aq", "ar", "as", "at", "au", "av", "aw", "ax", "ay", "az", "ba", "bb", "bc", "bd", "be", "bf", "bg", "bh", "bi", "bj", "bk", "bl", "bm", "bn", "bo", "bp", "bq", "br", "bs", "bt", "bu", "bv", "bw", "bx", "by", "bz", "ca", "cb", "cc", "cd", "ce", "cf", "cg", "ch", "ci", "cj", "ck", "cl", "cm", "cn", "co", "cp", "cq", "cr", "cs", "ct", "cu", "cv", "cw", "cx", "cy", "cz", "da", "db", "dc", "dd", "de", "df", "dg", "dh", "di", "dj", "dk", "dl", "dm", "dn", "do", "dp", "dq", "dr", "ds", "dt", "du", "dv", "dw", "dx", "dy", "dz", "ea", "eb", "ec", "ed", "ee", "ef", "eg", "eh", "ei", "ej", "ek", "el", "em", "en", "eo", "ep", "eq", "er", "es", "et", "eu", "ev", "ew", "ex", "ey", "ez", "fa", "fb", "fc", "fd", "fe", "ff", "fg", "fh", "fi", "fj", "fk", "fl", "fm", "fn", "fo", "fp", "fq", "fr", "fs", "ft", "fu", "fv", "fw", "fx", "fy", "fz", "ga", "gb", "gc", "gd", "ge", "gf", "gg", "gh", "gi", "gj", "gk", "gl", "gm", "gn", "go", "gp", "gq", "gr", "gs", "gt", "gu", "gv", "gw", "gx", "gy", "gz", "ha", "hb", "hc", "hd", "he", "hf", "hg", "hi", "hj", "hk", "hl", "hm", "hn", "ho", "hp", "hq", "hr", "hs", "ht", "hu", "hv", "hw", "hx", "hy", "hz", "ia", "ib", "ic", "id", "ie", "if", "ig", "ih", "ii", "ij", "ik", "il", "im", "in", "io", "ip", "iq", "ir", "is", "it", "iu", "iv", "iw", "ix", "iy", "iz", "ja", "jb", "jc", "jd", "je", "jf", "jg", "jh", "ji", "jj", "jk", "jl", "jm", "jn", "jo", "jp", "jq", "jr", "js", "jt", "ju", "jv", "jw", "jx", "jy", "jz", "ka", "kb", "kc", "kd", "ke", "kf", "kg", "kh", "ki", "kj", "kl", "km", "kn", "ko", "kp", "kq", "kr", "ks", "kt", "ku", "kv", "kw", "kx", "ky", "kz", "la", "lb", "lc", "ld", "le", "lf", "lg", "lh", "li", "lj", "lk", "ll", "lm", "ln", "lo", "lp", "lq", "lr", "ls", "lt", "lu", "lv", "lw", "lx", "ly", "lz", "ma", "mb", "mc", "md", "me", "mf", "mg", "mh", "mi", "mj", "mk", "ml", "mm", "mn", "mo", "mp", "mq", "mr", "ms", "mt", "mu", "mv", "mw", "mx", "my", "mz", "na", "nb", "nc", "nd", "ne", "nf", "ng", "nh", "ni", "nj", "nk", "nl", "nm", "nn", "no", "np", "nq", "nr", "ns", "nt", "nu", "nv", "nw", "nx", "ny", "nz", "oa", "ob", "oc", "od", "oe", "of", "og", "oh", "oi", "oj", "ok", "ol", "om", "on", "oo", "op", "oq", "or", "os", "ot", "ou", "ov", "ow", "ox", "oy", "oz", "pa", "pb", "pc", "pd", "pe", "pf", "pg", "ph", "pi", "pj", "pk", "pl", "pm", "pn", "po", "pp", "pq", "pr", "ps", "pt", "pu", "pv", "pw", "px", "py", "pz", "qa", "qb", "qc", "qd", "qe", "qf", "qg", "qh", "qi", "qj", "qk", "ql", "qm", "qn", "qo", "qp", "qq", "qr", "qs", "qt", "qu", "qv", "qw", "qx", "qy", "qz", "ra", "rb", "rc", "rd", "re", "rf", "rg", "rh", "ri", "rj", "rk", "rl", "rm", "rn", "ro", "rp", "rq", "rr", "rs", "rt", "ru", "rv", "rw", "rx", "ry", "rz", "sa", "sb", "sc", "sd", "se", "sf", "sg", "sh", "si", "sj", "sk", "sl", "sm", "sn", "so", "sp", "sq", "sr", "ss", "st", "su", "sv", "sw", "sx", "sy", "sz", "ta", "tb", "tc", "td", "te", "tf", "tg", "th", "ti", "tj", "tk", "tl", "tm", "tn", "to", "tp", "tq", "tr", "ts", "tt", "tu", "tv", "tw", "tx", "ty", "tz", "ua", "ub", "uc", "ud", "ue", "uf", "ug", "uh", "ui", "uj", "uk", "ul", "um", "un", "uo", "up", "uq", "ur", "us", "ut", "uu", "uv", "uw", "ux", "uy", "uz", "va", "vb", "vc", "vd", "ve", "vf", "vg", "vh", "vi", "vj", "vk", "vl", "vm", "vn", "vo", "vp", "vq", "vr", "vs", "vt", "vu", "vv", "vw", "vx", "vy", "vz", "wa", "wb", "wc", "wd", "we", "wf", "wg", "wh", "wi", "wj", "wk", "wl", "wm", "wn", "wo", "wp", "wq", "wr", "ws", "wt", "wu", "wv", "ww", "wx", "wy", "wz", "xa", "xb", "xc", "xd", "xe", "xf", "xg", "xh", "xi", "xj", "xk", "xl", "xm", "xn", "xo", "xp", "xq", "xr", "xs", "xt", "xu", "xv", "xw", "xx", "xy", "xz", "ya", "yb", "yc", "yd", "ye", "yf", "yg", "yh", "yi", "yj", "yk", "yl", "ym", "yn", "yo", "yp", "yq", "yr", "ys", "yt", "yu", "yv", "yw", "yx", "yy", "yz", "za", "zb", "zc", "zd", "ze", "zf", "zg", "zh", "zi", "zj", "zk", "zl", "zm", "zn", "zo", "zp", "zq", "zr", "zs", "zt", "zu", "zv", "zw", "zx", "zy", "zz").
11. EXTEND BRANCH CIRCUIT WIRING VIA TRACK LIGHTING 120 VOLT CURRENT LIMITING DEVICE (TYP EACH RUN OF TRACK). DEVICE SHALL LIMIT EACH TRACK TO 180W MAX (JUNO LIGHTING TRAC-MASTER SERIES TLC2 OR APPROVED EQUAL). PROVIDE ALL TRACK ACCESSORIES FOR FULLY FUNCTIONAL SYSTEM AS REQUIRED.
12. EXTEND BRANCH CIRCUIT WIRING VIA TRACK LIGHTING 120 VOLT CURRENT LIMITING DEVICE (TYP EACH RUN OF TRACK). DEVICE SHALL LIMIT EACH TRACK TO 240W MAX (JUNO LIGHTING TRAC-MASTER SERIES TLC2 OR APPROVED EQUAL). PROVIDE ALL TRACK ACCESSORIES FOR FULLY FUNCTIONAL SYSTEM AS REQUIRED.
13. BOTTOM OF SUSPENDED CORD PENDANTS 5'-5" A.F.F. POWER CORD COMES IN 6'-10". ARCHITECT ON RECORD TO VERIFY DROP HEIGHT DOES NOT EXCEED CORD LENGTH.
14. DUAL HEAD MONO POINT LED LIGHT CONNECTION AT 10'-11" A.F.F. (VERIFY IN FIELD). SEE LIGHTING DETAILS SHEET 43.03 FOR ADDITIONAL INFORMATION.
15. BOTTOM OF TRACK LIGHTING CONNECTION AT 10'-11" A.F.F. (VERIFY IN FIELD). SEE LIGHTING DETAILS SHEET 43.03 FOR ADDITIONAL INFORMATION.
16. PROPOSED FLUSH MOUNT SPEAKER FOR IN-STORE MUSIC (PROVIDED BY VERIZON AND INSTALLED BY GENERAL CONTRACTOR). REFER TO ARCHITECTURAL RCP PLAN FOR FINAL PROPOSED LOCATIONS. CONTRACTOR SHALL RECONNECT SPEAKER TO EXISTING AUDIO SOURCE.
17. NOTE: ALL LIGHT FIXTURES SHALL BE AIMED/CONFIGURED AT THE COMPLETION OF PROJECT TO MEET VERIZON LIGHTING GUIDELINES. SEE LIGHTING DETAILS SHEET FOR ADDITIONAL INFORMATION.



OCCUPANCY SENSOR WIRING DIAGRAM
NO SCALE

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Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER		22152E
DRAWN BY		CBH
ISSUED DATE		12/20/2022
NO.	REVISION	DATE

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SHEET TITLE

Lighting Plan

SHEET NUMBER

92.01

PHASE
Permit Documents

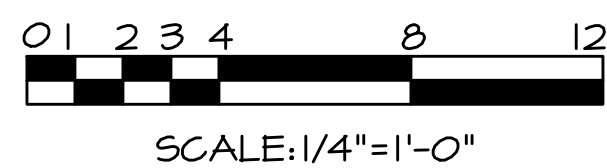
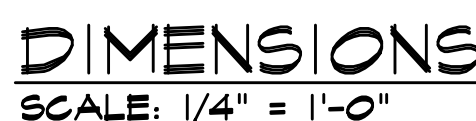
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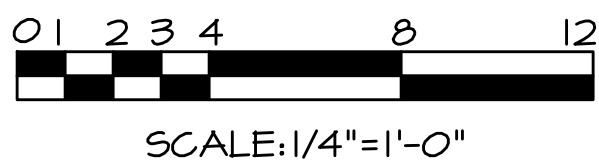


1. ALL DEVICES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL NEW DEVICES ARE SHOWN BOLD, SOLID. SHAPED AREA INDICATES EXISTING CONSTRUCTION TO REMAIN (NOT IN CONTRACT).
2. ALL CONDUITS TO BE INSTALLED UNDER THE SLAB SHALL BE 3/4" IN DIAMETER UNLESS NOTED OTHERWISE NOTED. RUN CONDUITS IN SLAB, PATCH AND REPAIR PER ARCHITECT'S SPECIFICATIONS. ALL PENETRATIONS SHALL BE SEALED WATER-TIGHT.
3. SEE ARCHITECTURAL DRAWINGS FOR EXACT LOCATIONS OF FIXTURES.
4. POWER AND DATA FOR EACH WALL FIXTURE TO BE CENTERED ON DRAWER IN THE BASE OF THE FIXTURE. WHEN FIXTURE HAS TWO DRAWERS, POWER AND DATA TO BE CENTERED ON ONE OF THE DRAWERS. GENERAL CONTRACTOR SHALL COORDINATE WITH D=FIXTURE MANUFACTURER.
5. ALL WALL BOXES TO BE PLASTIC. ALL WALL COVER PLATES TO BE PLASTIC AND MATCH WALL COLOR.
6. ALL FLOOR BOXES TO BE PLASTIC. ALL FLOOR COVER PLATES TO BE BRUSHED ALUMINUM.
7. ALL FLOOR DEVICES TO BE FLUSH WITH FLOOR. IF SITE RESTRICTS CORE DRILLING, SURFACE MOUNTED DEVICES SHOULD BE UTILIZED.
8. SECURITY EQUIPMENT SHALL BE PROVIDED AND INSTALLED BY SECURITY CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE CONDUIT AND WIRING FOR DEVICES AS REQUIRED BY SECURITY CONTRACTOR FOR PROPER INSTALLATION OF THE SECURITY SYSTEM.
9. NO MC CABLE IS TO BE VISIBLE IN THE SHOWROOM. REFER TO SPECIFICATIONS SHEET 90.01, FOR ADDITIONAL INFORMATION.
10. ALL NOISY CONTACTORS ARE DEEMED DEFECTIVE AND SHALL BE REPLACED.
11. ALL OUTLETS AND DATA DEVICES SHALL BE INSTALLED CLOSE TOGETHER (PREFERABLY 8').

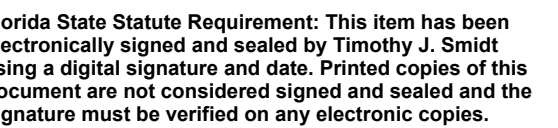
- (1) CONTRACTOR SHALL ROUTE FIXTURE POWER/DATA CONDUIT FEEDS IN FLOOR (SLAB CUT). PROVIDE (1) 1" CDT WITH CONDUCTORS FOR POWER AND (1) 1" CDT WITH FULLSTRUNG FLOOR BOX. TURNS UP WITHIN FULL HEIGHT RAMP. (1) STU DATA CDT 6" ABOVE CEILING FOR CABLEING BY OTHERS.
- (2) HUBBELL TWO-GANG NON-METALLIC FLOOR BOX. FOR (1) DUPLEX RECEPTACLE AND (1) COMPARTMENT FOR FUTURE DATA PULL. COLLABORATION TABLE, COLLABORATION BAR, BUSINESS TABLE FIXTURE AND EXPERIENCE TABLE FLOOR BOX: - 5A30B41
FLANGE - 5A30B41
COVER PLATE - 5A2425
COVER PLATES SHALL BE BLACK PLASTIC AND FLUSH WITH FLOORING.
*ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTABLES AND COVER PLATES.
- (3) HUBBELL TWO-GANG NON-METALLIC FLOOR BOX. FOR (1) DUPLEX RECEPTACLE AND (1) COMPARTMENT FOR (2) DATA FEEDS. ISPU, AISLE, GUV, 4 POS, DIGITAL DISPLAY FIXTURES FLOOR BOX: - 5A30B41
FLANGE - 5A30B41
COVER PLATE - 5A2425
COVER PLATES SHALL BE BLACK PLASTIC AND FLUSH WITH FLOORING.
*ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTABLES AND COVER PLATES.
*ISPU AND POS FIXTURES - DATA FEEDS WITH BISCUIT JACK
- (4) HUBBELL TWO-GANG NON-METALLIC FLOOR BOX. FOR (1) DUPLEX RECEPTACLE AND (1) COMPARTMENT FOR (3) DATA FEEDS. SPOTLIGHT FIXTURE FLOOR BOX: - PFB62
FLANGE - 5A30B41
COVER PLATE - 5A2425
COVER PLATES SHALL BE BLACK PLASTIC AND FLUSH WITH FLOORING.
*ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTABLES AND COVER PLATES.
- (5) EXTEND 1" CONDUIT FOR POWER AND EXTEND 2"X2-212 GRD FROM CONNECTOR FACEPLATE (3) WHIP) TO PRE-INSTALLED JUNCTION BOX. (1) CONDUIT FOR EXTENSION OF (1) CONDUIT FOR DATA AND EXTEND 6" ABOVE CEILING TO PRE-INSTALLED DATA JUNCTION BOX FOR EXTENSION OF (5) CAT6 FEEDS. EXTEND 1" CONDUIT FOR SECURITY FEEDS. SEE DETAILS. (4) FOR ADDITIONAL INFORMATION. (L-INT INTERIOR PICK-UP LOCKER)

6. CONTRACTOR SHALL EXTEND SEPARATE 3/4" CONDUIT FROM EVERY FREESTANDING SALES FLOOR FIXTURE FOR DEDICATED DATA CABLE PULL. FIXTURES SHOULD NOT BE DAISY CHAINED TOGETHER.
7. PROVIDE RECESSED JUNCTION BOX FOR DATA COMMUNICATIONS (CABLING BY VENDOR). EXTEND 1" C FROM BOX TO 6" ABOVE CEILING.
8. PANELBOARD. REFER TO POWER RISER ON SHEET 94.01, FOR ADDITIONAL INFORMATION.
9. EXISTING ELECTRICAL EQUIPMENT TO REMAIN. REFER TO POWER RISER, SHEET 94.01, FOR ADDITIONAL INFORMATION.
10. PROPOSED LOCATION OF RELOCATED SMART BOARD. CONTRACTOR SHALL RECONNECT BRANCH CIRCUIT WIRING TO EXISTING CIRCUIT PREVIOUSLY SERVING UNIT.
11. PROPOSED LOCATION OF RELOCATED COPIER. CONTRACTOR SHALL RECONNECT BRANCH CIRCUIT WIRING TO EXISTING CIRCUIT PREVIOUSLY SERVING UNIT.
12. PROPOSED LOCATION OF SECURITY/EMPLOYEE SECURITY MONITOR BY OTHERS. PROVIDE AND INSTALL COMBINATION DUPLEX RECEPTACLE & PROVISIONS FOR TELEVISION COAX/DATA CABLE DEVICE @ 84" A.F.F.
13. PROVIDE RECESSED JUNCTION BOX AND 3/4" CONDUIT IN WALL FOR LOW VOLTAGE CONNECTION TO MUSIC SYSTEM VOLUME CONTROL. COORDINATE FINAL MOUNTING HEIGHT WITH OWNER'S VENDOR IN THE FIELD.
14. PROVIDE 6"x6"x4" JUNCTION BOX IN WALL OR CEILING WITH SECONDARY CABLING IN 3/4" CONDUIT FOR CONNECTION TO SECURITY DEVICES. ELECTRICAL CONTRACTOR SHALL COORDINATE FINAL LOCATION WITH SECURITY VENDOR IN THE FIELD.
15. RELOCATED BILL PAY KIOSK FROM DEMOLITION PHASE. CONTRACTOR SHALL RECONNECT BRANCH CIRCUIT WIRING TO EXISTING CIRCUIT PREVIOUSLY SERVING UNIT OR AREA.
16. INSTALL EXISTING/NEW CEILING MOUNTED SHOW WINDOW RECEPTABLES. RECONNECT TO EXISTING CIRCUIT SERVING AREA. COORDINATE DESIGN AND LOCATION WITH VERIZON PROJECT MANAGER IN THE FIELD.





- For power:
(1) 1" dia conduit and wire for a dedicated circuit and Quad outlet in the base cabinet of the locker. See shop drawings for placement of boxes.



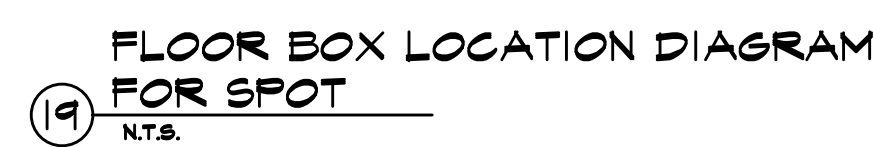
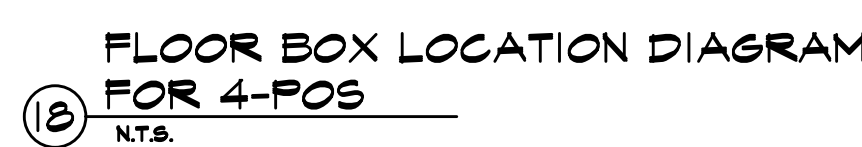
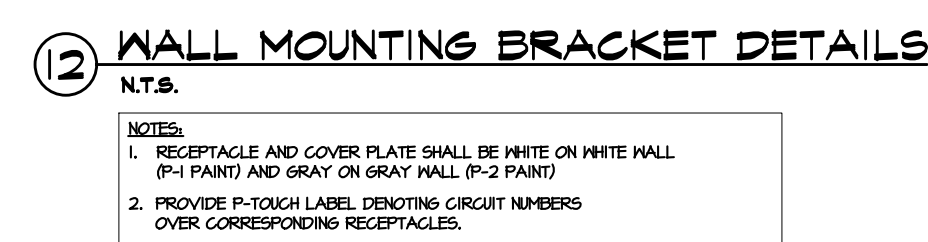
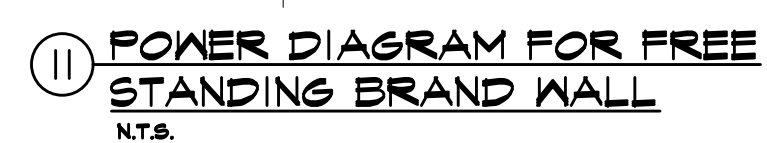
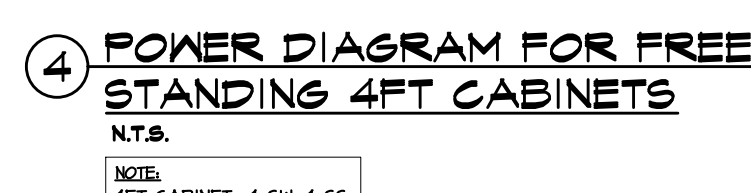
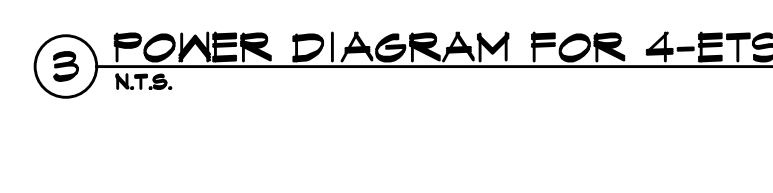
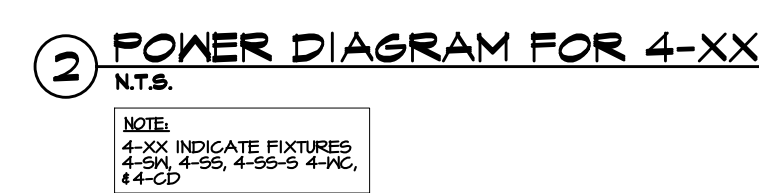
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PROJECT NUMBER	22152E
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SHEET NUMBER

Permit Documents



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Verizon[®]
Lake City
NextGen Refresh
2750 W US Hwy. 90
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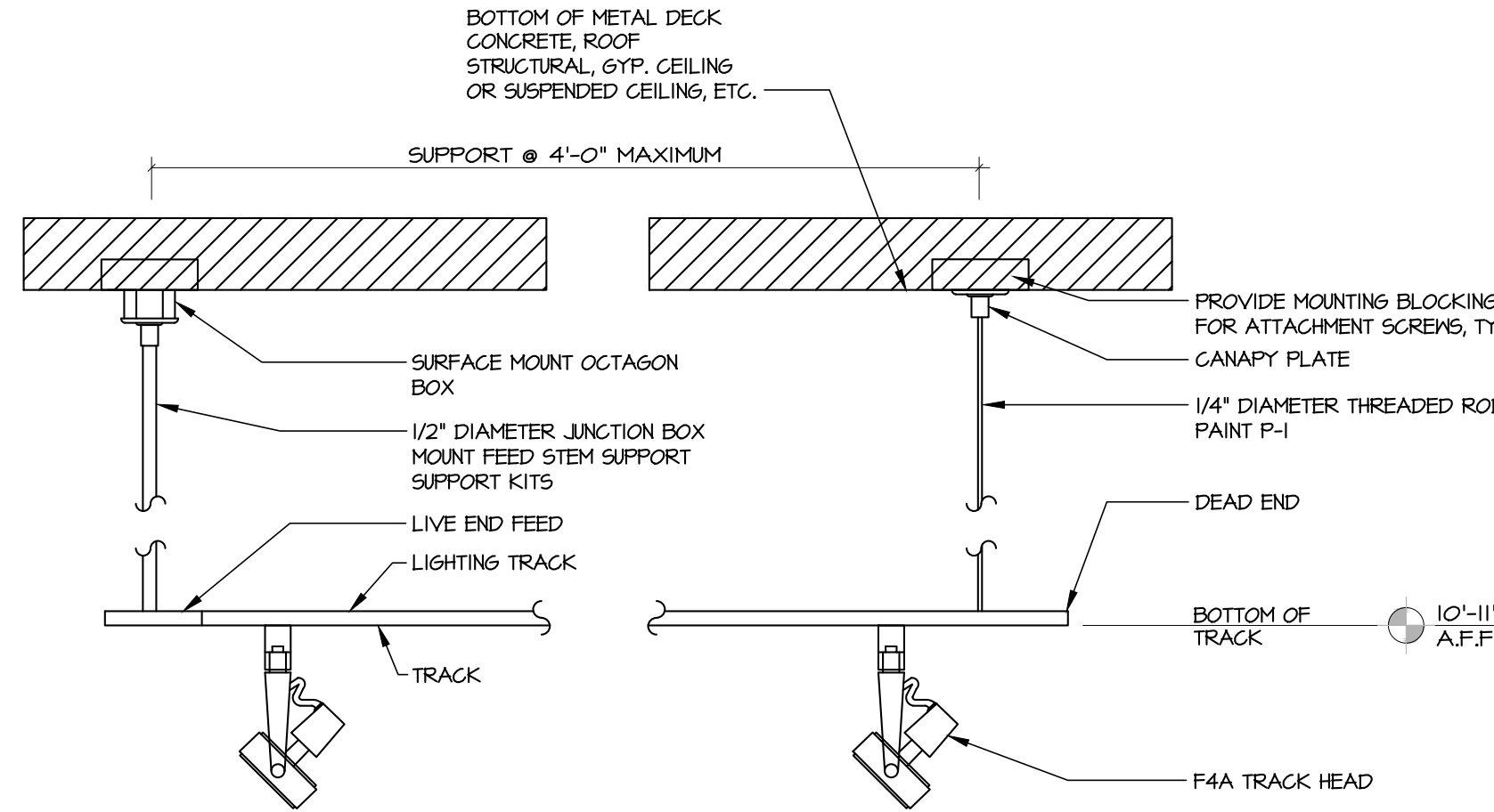
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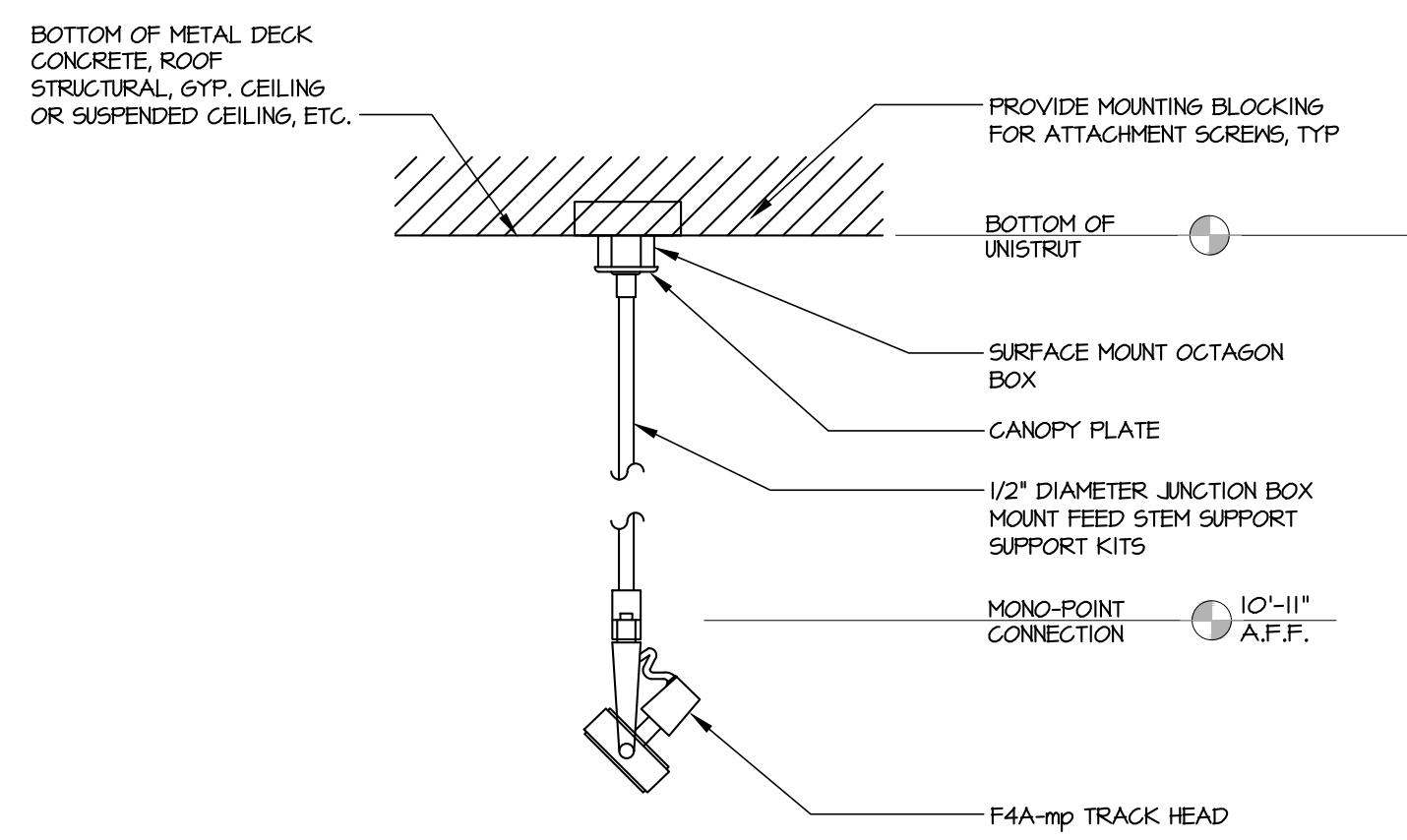
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PHASE

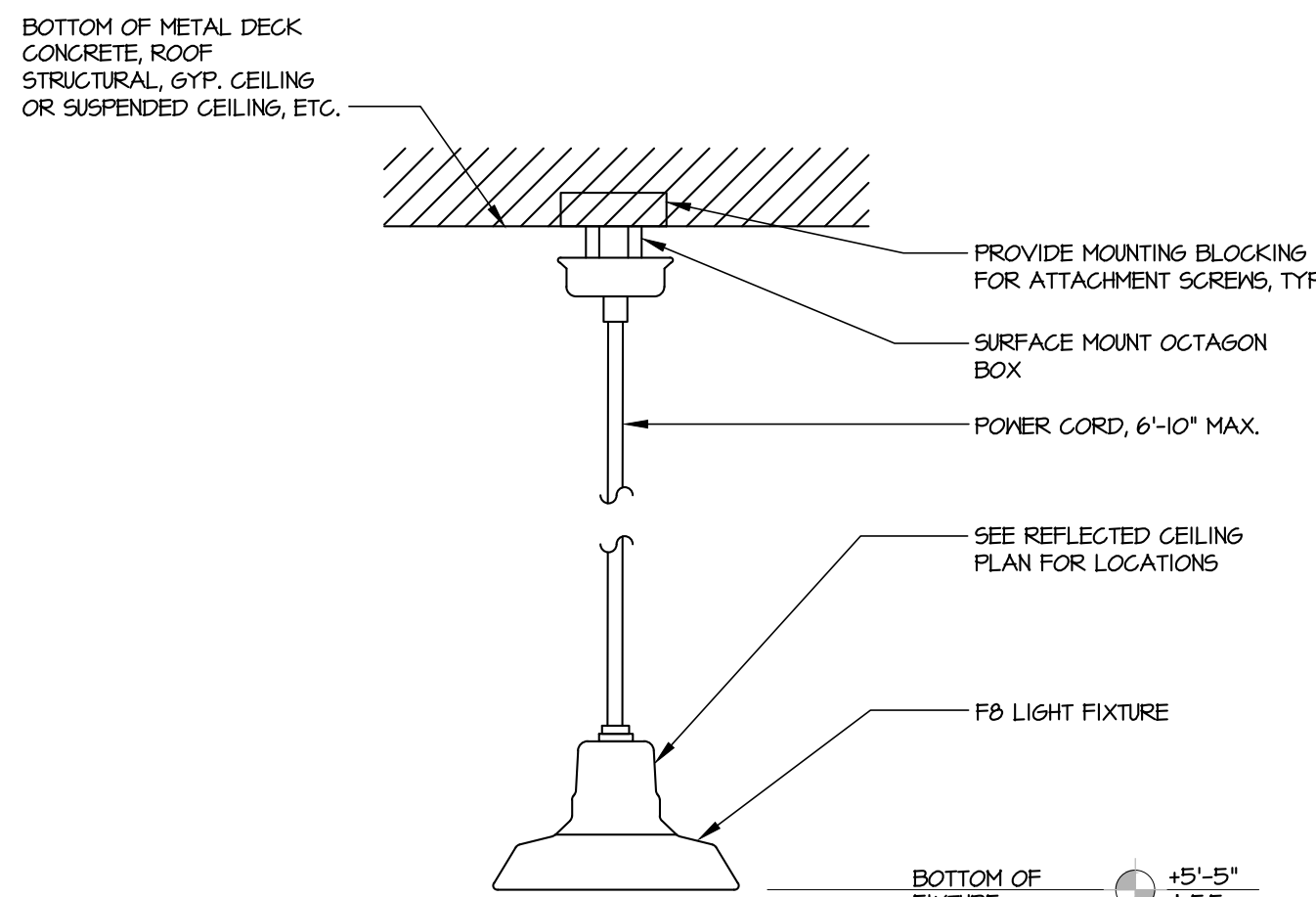
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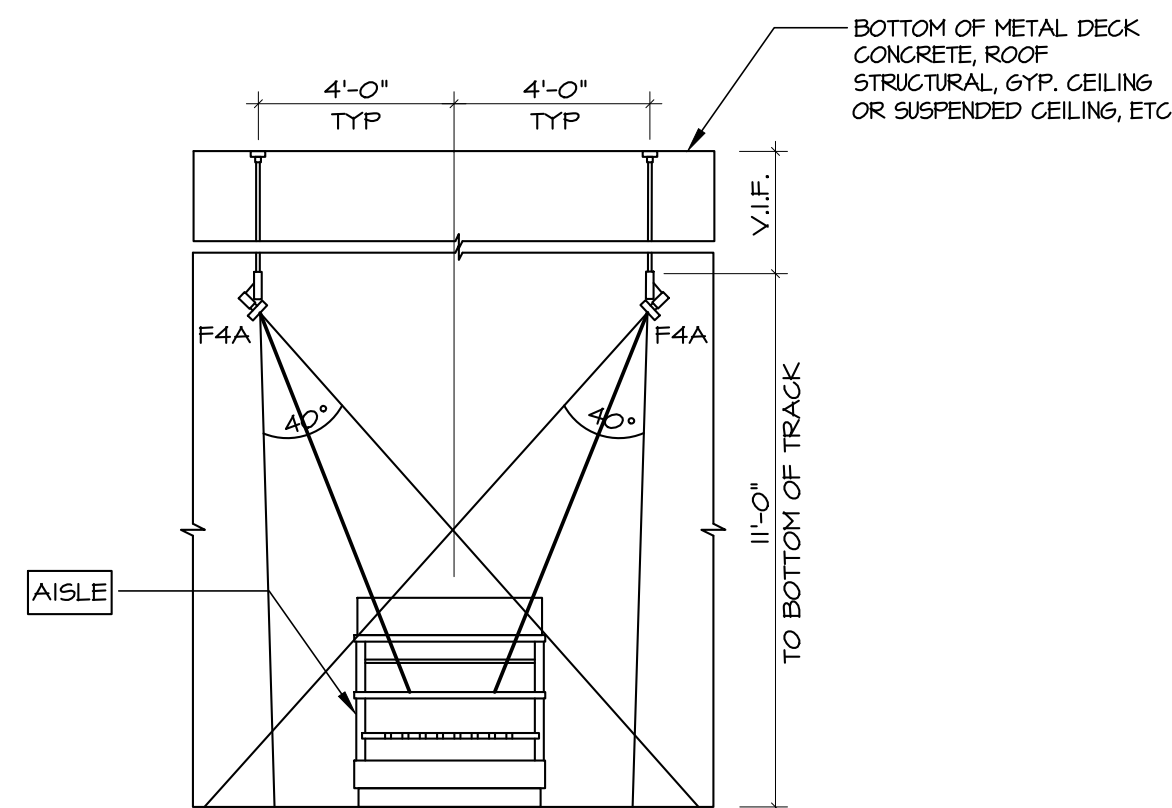
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HANGING DETAIL
N.T.S.



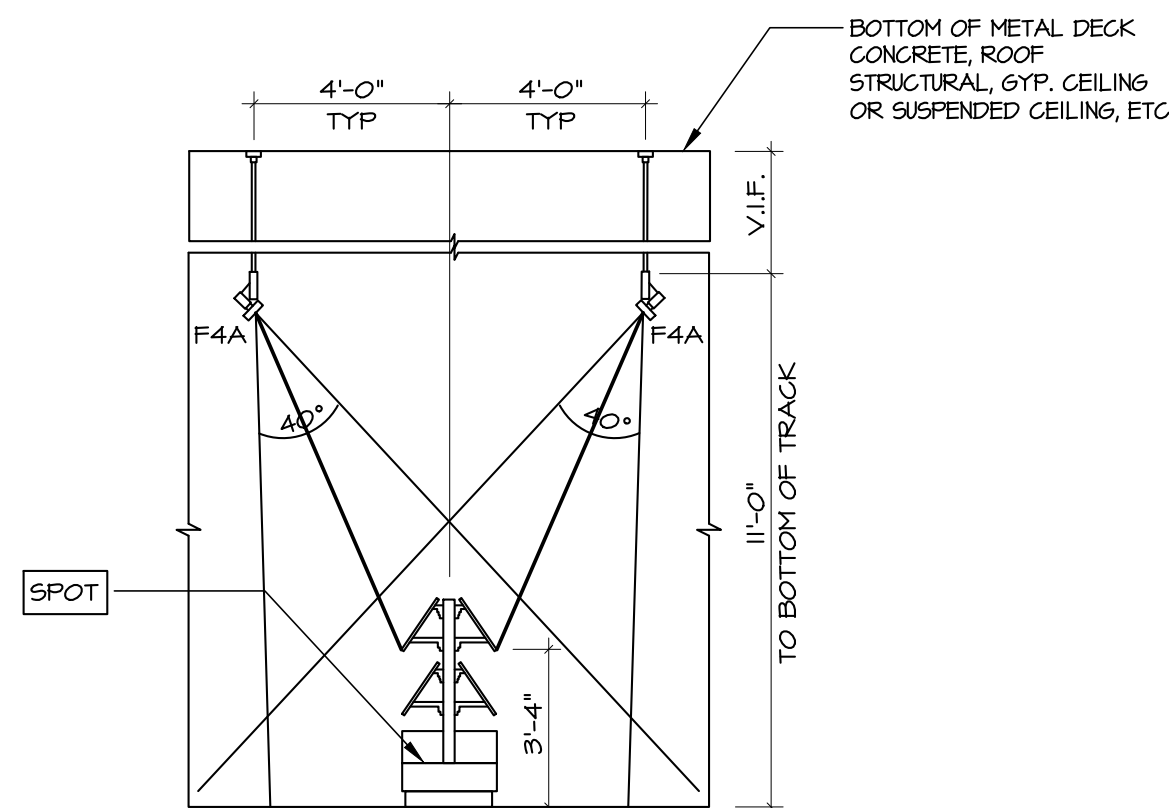
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TYPICAL MONO-POINT
HANGING DETAIL
N.T.S.



4B
TYPICAL PENDANT LIGHT
HANGING DETAIL
N.T.S.



5
DIRECTIONAL LIGHTING
DIAGRAM FOR AISLE
N.T.S.



6
DIRECTIONAL LIGHTING
DIAGRAM FOR SPOT
N.T.S.

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NextGen Refresh
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Lake City, FL 32055

PROJECT NUMBER		22152E
DRAWN BY		CBH
ISSUED DATE		12/20/2022
NO.	REVISION	DATE

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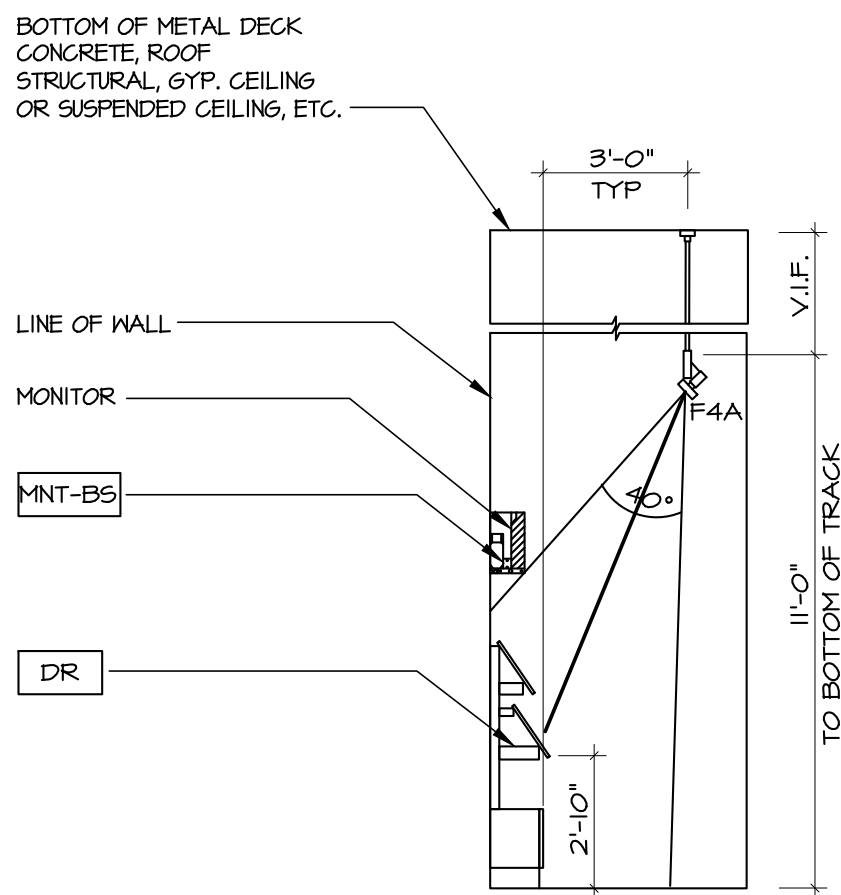
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Details

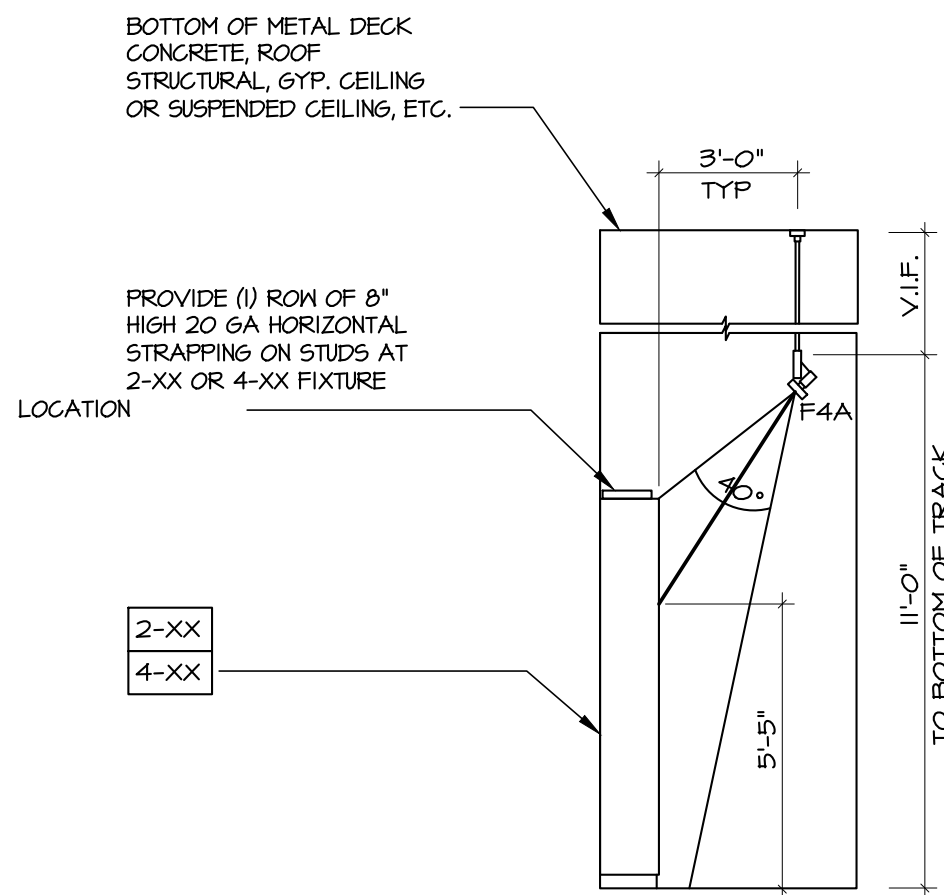
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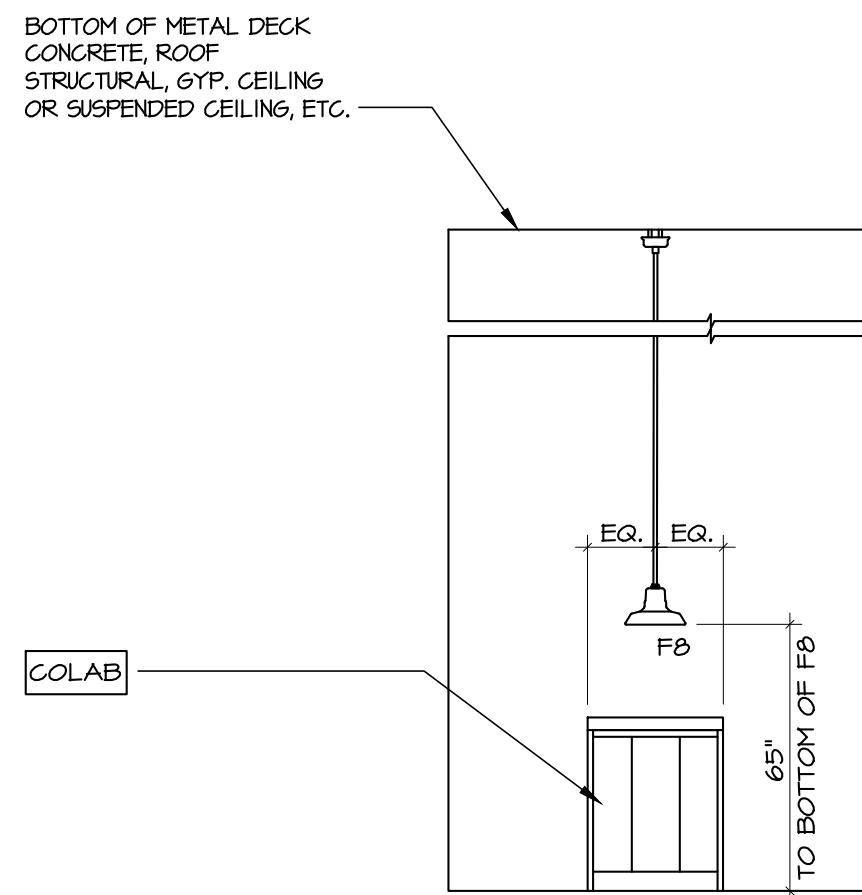
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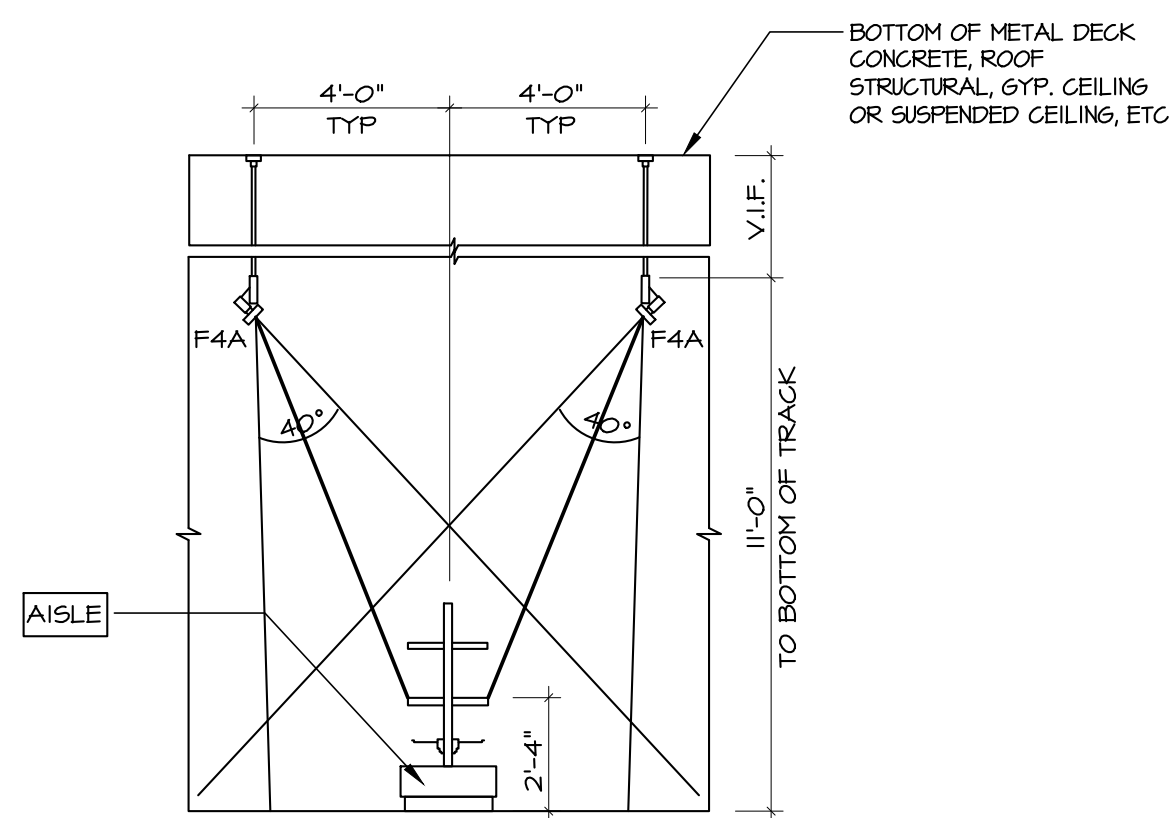
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DIAGRAM FOR DR FIXTURE
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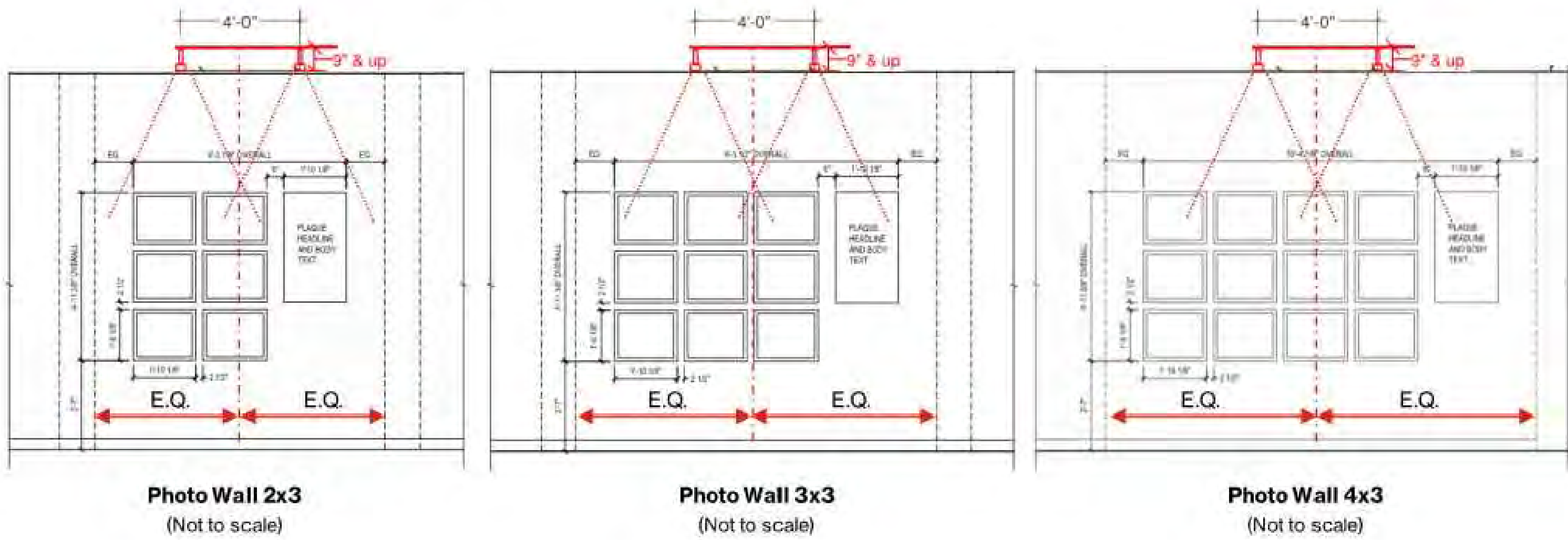
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FIXTURES AS-XX
N.T.S.



9
PENDANT LIGHT F8 POSITION
DIAGRAM FOR COLAB
N.T.S.



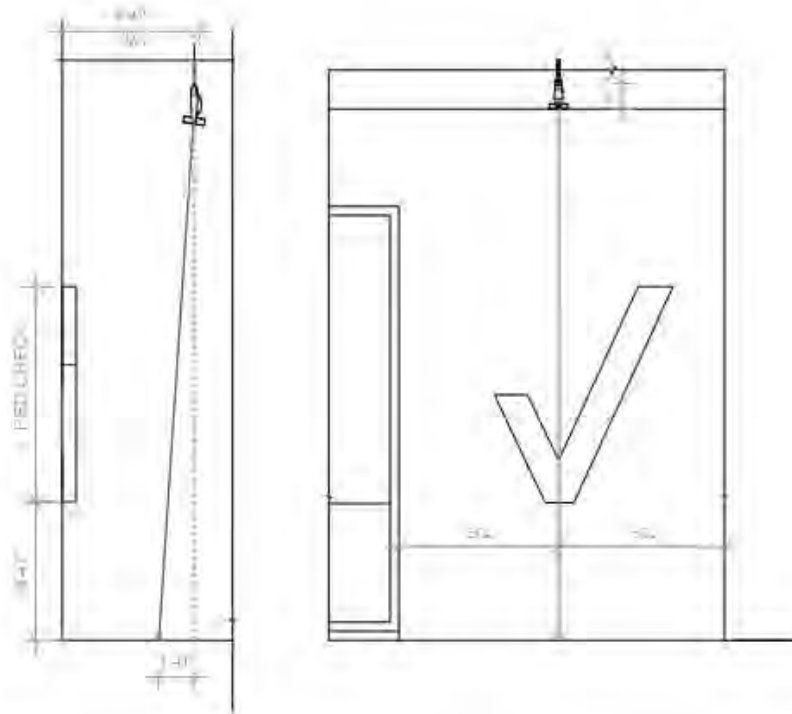
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DIRECTIONAL LIGHTING
DIAGRAM FOR AISLE
N.T.S.



11 LIGHTING - PHOTO WALL
N.T.S.

Lighting | Red Check

Illuminate Red Check with dedicated track head. Center the track head with the Red Check as much as possible and aim it at the floor as shown in the diagram. Avoid aiming the track head directly at the Red Check to prevent a hot spot and sharp shadows.

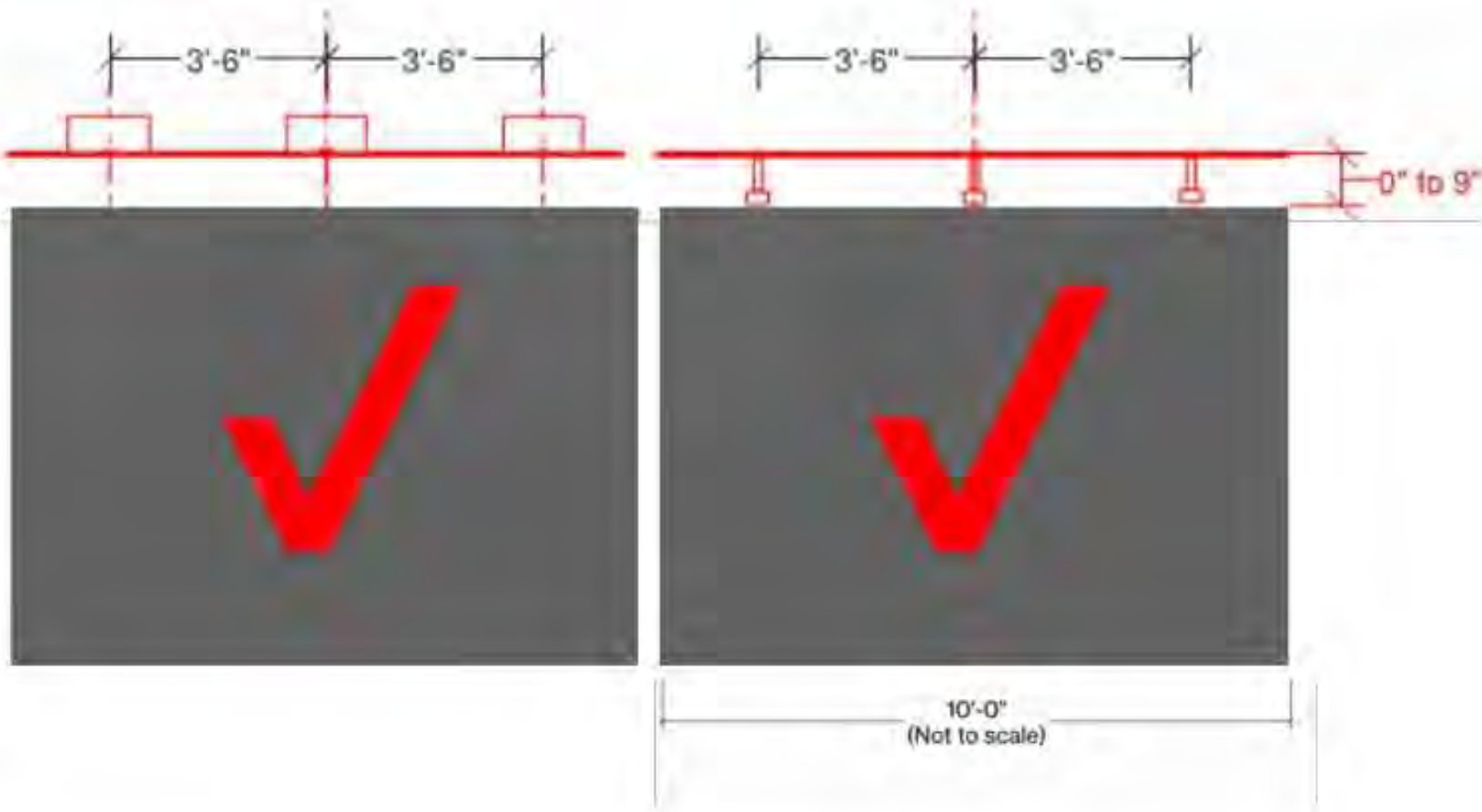


13 LIGHTING - INTERIOR RED CHECK
N.T.S.

Lighting | Facing solutions

Branding elements within Storefront or window areas should be illuminated from the ceiling as permitted by code.

- If the storefront or window ceiling is less than 9" above the top of clear glazing area, install recessed light fixtures, centered and spaced at +/- 42" O.C.
- If the storefront or window ceiling is greater than 9" above the top of clear glazing area, use track lighting centered and spaced at +/- 42" O.C.
- Install the light fixtures as close to the glazing as possible, and aim toward the alcove wall.



15 LIGHTING - INTERIOR RED CHECK - ALCOVES
N.T.S.

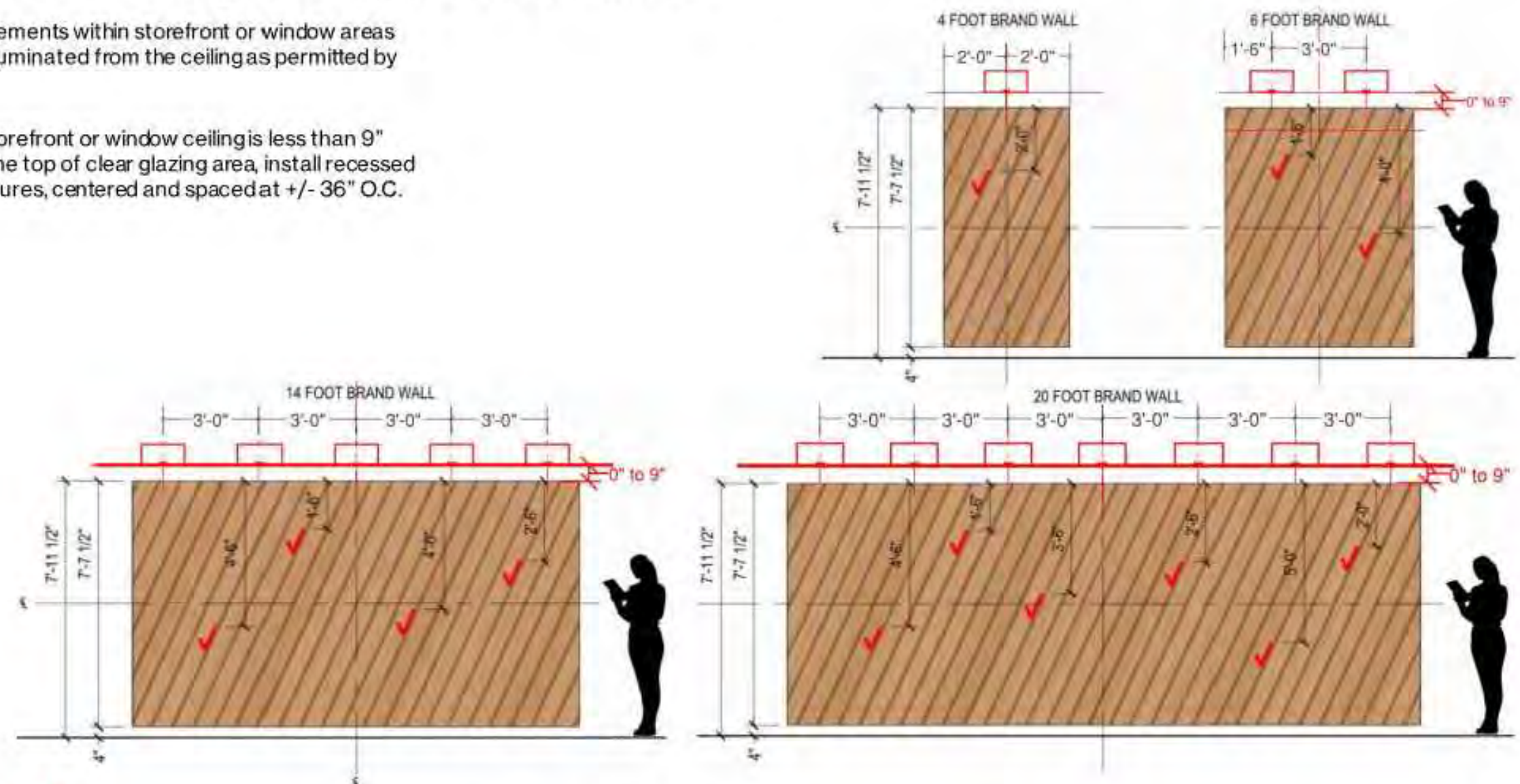
Direct Planning Guide

Lighting - 3.4 Lighting | Alcoves

Recessed lighting | Brand Wall

Branding elements within storefront or window areas should be illuminated from the ceiling as permitted by Code.

- If the storefront or window ceiling is less than 9" above the top of clear glazing area, install recessed light fixtures, centered and spaced at +/- 36" O.C.



verizon

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103

12 RECESSED LIGHTING - BRAND WALL
N.T.S.

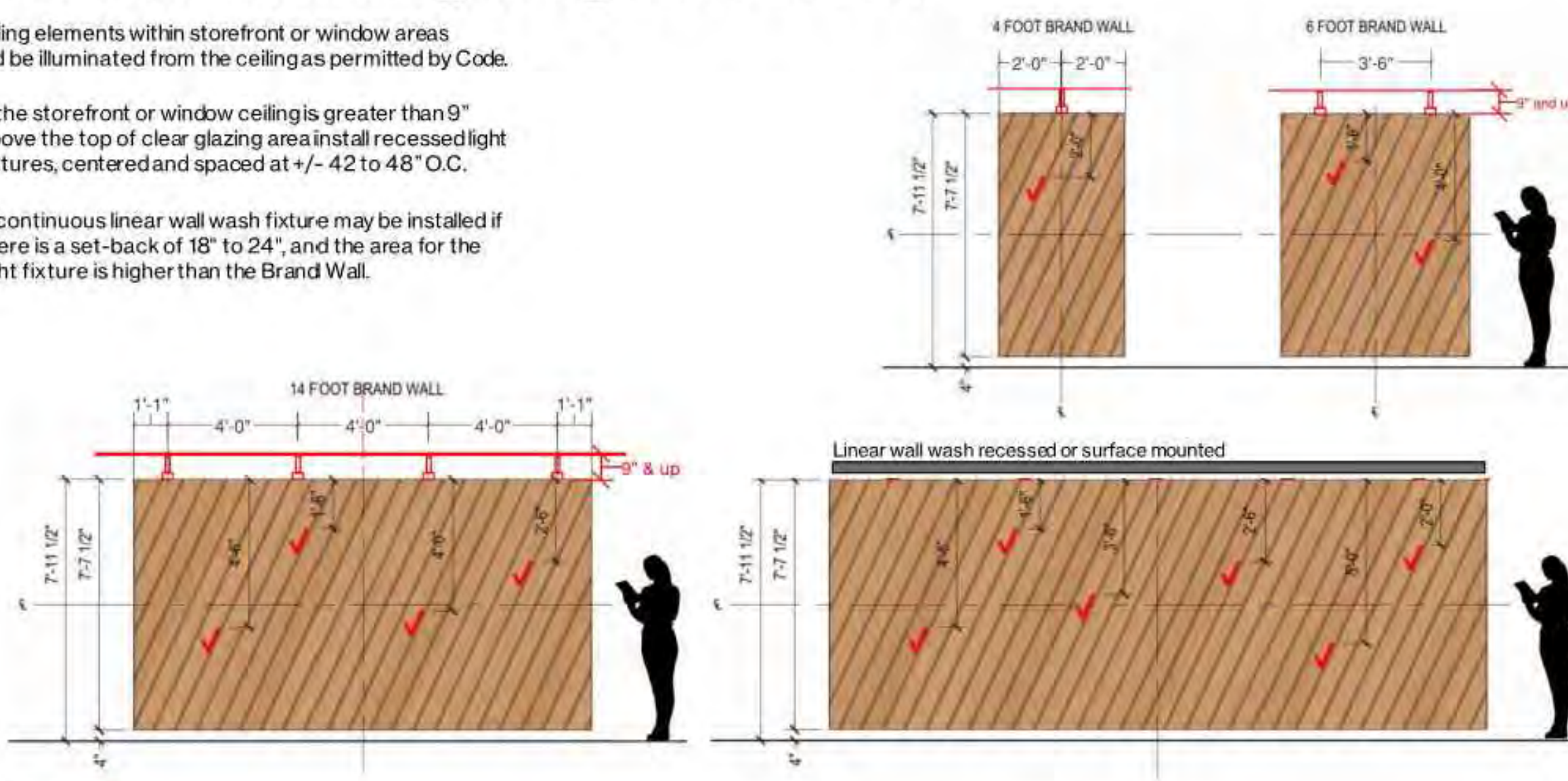
Direct Planning Guide

Lighting - 3.4 Lighting | Alcoves

Track and linear lighting | Brand Wall

Branding elements within storefront or window areas should be illuminated from the ceiling as permitted by Code.

- If the storefront or window ceiling is greater than 9" above the top of clear glazing area, install recessed light fixtures, centered and spaced at +/- 42 to 48" O.C.
- A continuous linear wall wash fixture may be installed if there is a set-back of 18" to 24", and the area for the light fixture is higher than the Brand Wall.



verizon

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104

14 TRACK & LINEAR LIGHTING - BRAND WALL
N.T.S.

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CLIENT/OWNER
Verizon
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004
PROJECT NAME

Verizon
Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER		22152E
DRAWN BY		CBH
ISSUED DATE		12/20/2022
NO.	REVISION	DATE

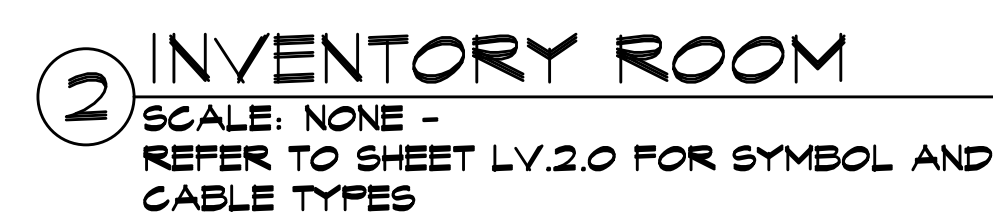
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SHEET TITLE
Lighting
Details

SHEET NUMBER

93.03

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Lake City
NextGen Refresh
2750 W US Hwy. 90
Lake City, FL 32055

PROJECT NUMBER		22152
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THIS IS FOR GENERAL SCOPE ONLY AND DOES NOT REPLACE THE SOUND SYSTEM /
DESIGN GUIDE. THE SOUND SYSTEM INSTALLER SHALL REFERENCE THE SOUND SYSTEM
DESIGN / INSTALLATION GUIDE FOR COMPLETE INSTALLATION DETAILS.

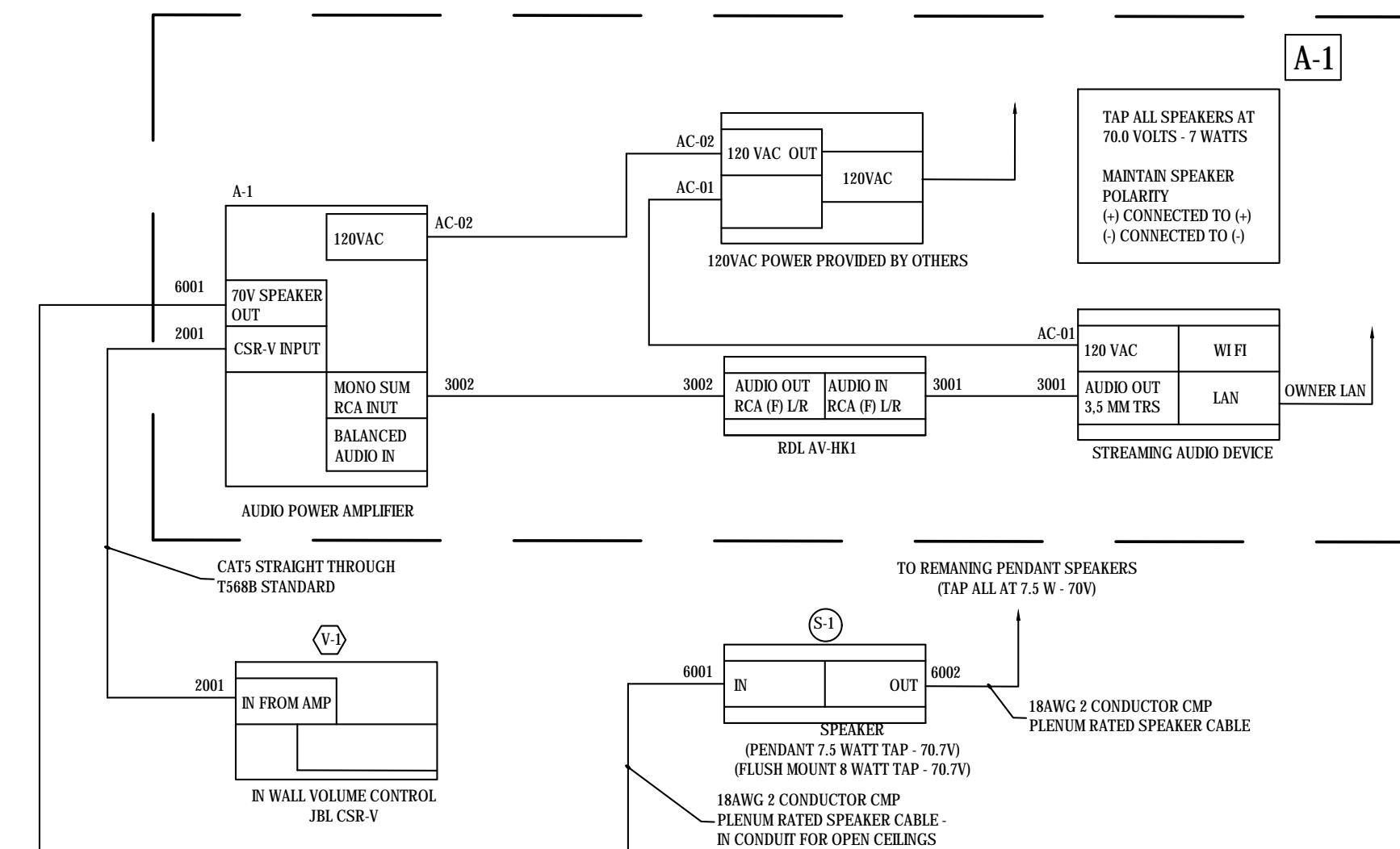
1. EACH INDIVIDUAL SPEAKER (PENDANT OR FLUSH MOUNT) MUST BE SET FOR 70.7 VOLT OPERATION, AT 7.5 WATTS.
2. THIS VOLTAGE / WATTAGE TAP SETTING IS NOT FACTORY SET. EACH SPEAKER MUST BE INDIVIDUALLY SET DURING INSTALLATION

1. EACH AMPLIFIER IS PACKAGED FROM THE FACTORY WITH A RACK-MOUNTING KIT. USE THE ENCLOSED RACK-MOUNT KIT AND MOUNT AMPLIFIER IN THE STORE DATA RACK. VERIFY EXACT RACK LOCATION ON DRAWING LV.4.0; RACK ELEVATION.
2. POWER THE AMPLIFIER FROM THE UPS IN THE DATA RACK.
3. AMPLIFIER SLEEP MODE MUST BE DISABLE - DISABLE SWITCH LOCATED ON REAR OF AMPLIFIER
4. HI-Z MUST BE ENABLED - ENABLE SWITCH LOCATED ON REAR OF AMPLIFIER
5. SPEAKER OUTPUTS FOR EXPRESS STORE AUDIO: AUDIO SOURCE HEAD END DIAGRAM WIRE #6001
- 5.1. COM = NEGATIVE (-) CONNECTED TO SPEAKER INPUT NEGATIVE (-)
- 5.2. TO-TV = POSITIVE (+) CONNECTED TO SPEAKER INPUT POSITIVE (+)
6. POWER-RING ILLUMINATED BLUE MEANS THE AUDIO AMPLIFIER IS POWERED ON. GREEN IS POWER OFF.

1. JBL CSR-V VOLUME CONTROL CONNECTS TO THE AMPLIFIER WITH A STANDARD CAT5 CABLE, TERMINATED TO RJ-45 ON BOTH ENDS. AUDIO SOURCE HEAD END DIAGRAM WIRE #200!
2. CABLE TYPE: CAT5 (CATEGORY 5)
3. STRAIGHT-THROUGH CABLE
4. T568B STANDARD
5. RJ-45 ON BOTH ENDS.

1. RADIO DESIGN LABS AV-HKI IS TO BE INSTALLED BETWEEN THE STREAMING AUDIO SOURCE HARDWARE 3.5MM LINE-LEVEL OUTPUT AND THE AMPLIFIER LINE-LEVEL INPUT.
2. USE AUDIO CABLES INCLUDED WITH THE AV-HKI TO CONNECT THE STREAMING AUDIO SOURCE HARDWARE 3.5MM OUTPUT TO THE AV-HKI RCA AUDIO INPUT. AUDIO SOURCE HEAD END DIAGRAM WIRE #3001.
3. USE THE LEGRAND VELOCITY 13033 6FT RCA AUDIO PATCH CABLE TO CONNECT THE AV-HKI OUTPUTS TO THE JBL AMPLIFIER RCA INPUT. AUDIO SOURCE HEAD END DIAGRAM CABLE #3002.

1. LEGRAND 29853 CABLE WRAP IS A HOOK-AND-LOOP TYPE FASTENER. USE THIS FASTENER TO SECURE ALL SPEAKER WIRING, POWER CABLES, AUDIO CABLE AND LAN CABLES FOR WIRE MANAGEMENT. CUT TO REQUIRED LENGTH PER USAGE CASE.
2. SECURE ALL CABLING ACCORDING TO AVIXA STANDARD F502.01:2018



HARDWARE COMPONENTS			
MODEL/ PART NUMBER	DESCRIPTION	MFR	QTY
C65P/T	JBL PROFESSIONAL - COMPACT FULL-RANGE PENDANT SPEAKER - 75 WATT - WHITE	JBL	VARIES BY STORE
PAF42TC	ATLAS 4" COAXIAL IN-CEILING SPEAKER SYSTEM WITH 10.7 / 100V-IN TRANSFORMER AND 8-OHM BYPASS - SHALLOW MOUNTING DEPTH - WHITE	ATLAS	VARIES BY STORE
PROVIDED BY VZ	JBL PROFESSIONAL 120 WATTS COMMERCIAL SERIES AMPLIFIER	JBL	1
JBLC65RVHNT	JBL PROFESSIONAL - WALL CONTROLLER WITH VOLUME CONTROL - WHITE	JBL	1
18-2C-P-WHT-500	WHITE COMMERCIAL GRADE GENERAL PURPOSE 18 AWG 2 COND FLEMING CABLE REEL - 500'	LIBERTY AV SOLUTIONS	1
AV-HKI	RADIO DESIGN LABS - HUM KILLER TRANSFORMER	RADIO DESIGN LABS	1
1B08S	VELOCITY 6FT VELOCITY RCA STEREO AUDIO CABLE - AUDIO CABLE - RCA (M) TO RCA (M) - 6FT - STP-BLUE	C26	1
2408S	PREMISE PLUS - CABLE WRAP - 25FT - BLACK	C26	1



The diagram shows the rear panel of the device with the following components labeled:

- A:** Points to the **VIDEO-SDI IN** port.
- B:** Points to the **AMP OUT** port.
- C:** Points to the **SDI IN** port.
- D:** Points to the **MONO SUM** port.
- E:** Points to the **POWER** and **GROUND** terminals.
- F:** Points to the **INPUT** port.
- G:** Points to the **ONLY VIDEO** port.

- A. AC Power Inlet – Detachable IEC
- B. Amplifier Output Connector
- C. Hi-Z Switch – Enables the 70V and 100V outputs and activates the 70Hz high-pass filter
- D. Dual RCA Input Connector – Stereo, unbalanced sources will be summed together (Ch2-4)
- E. Audio Input Connector – 3 pin Euro-block connector, balanced input (Ch2-4)
- F. Sleep Disable Switch – Disables the Sleep mode if you don't want the unit go into sleep mode after 2 hours with no input signal.
- G. Remote volume connector – RJ-45 style connector to connect to JBL CSR-V control module

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PROJECT NAME

Verizon[✓]

Lake City

NextGen Refresh

2750 W US Hwy. 90

Lake City, FL 32055

PROJECT NUMBER	22152
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DRAWN BY _____ CRI _____

DRAWN BY _____ CBI _____

ISSUED DATE 12/20/202

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NO	REVISION	DATE
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NO.	REVISION	DATE
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SHEET TITLE

Overhead Audio

SHEET NUMBER

03 07

95.07

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(EXISTING) (SURFACE)		* PANEL P										K&C	
		120 / 240		VOLTS		1 Ø		3 WIRE		225 AMP		MAIN L.O.	
DESCRIPTION		KVA	CB	OKT	OKT	CB	KVA	DESCRIPTION					
SPARE		-	20	1	2	20	75	LIGHTING - BACK AREA					
SPARE		-	20	3	4	20	60	LIGHTING - BACK AREA					
CONTACTOR 1		10	30	5	6	20	108	RECP - STORAGE					
LTS - TRACK - RETAIL SALES		12	20	7	8	20	50	LIGHTING - BACK AREA					
CANOPY - LIGHTS		50	20	4	10	20	56	OPS WIREMOLD					
INTERIOR LOCKER		36	20	11	12	20	56	OPS WIREMOLD					
RECEPS		36	20	19	14	20	54	OPS / REPAIR WALL RECEPS					
BILL PAY / MY ACCOUNT		36	20	19	16	20	36	RECEP - TECH ROOM					
RECP - RETAIL FIXTURES		12	20	11	16	20	54	PLUGMOLD - TECH ROOM					
RECP - RETAIL FIXTURES		1.05	20	14	20	20	36	OPS WIREMOLD					
RECP - DEVICE RACK		1.05	20	21	22	20	36	RECEP - TOILETS, ETC					
RECP - DEVICE RACK		1.05	20	23	24	20	-	SPARE					
TICKET MONITOR		54	20	25	26	20	50	SCREEN / OPS PLUGMOLD					
RECP - FOCAL WALL		12	20	27	28	20	12	MANAGER'S OFFICE					
LTS - RETAIL SALES		10	20	24	30	20	-	SPARE					
RECP - 5 POS		36	20	31	32	20	36	SPARE					
FUTURE BILL PAY		36	20	33	34	20	50	COPY MACHINE					
SPARE		-	20	35	36	20	36	SPARE					
D.C. PAYER SUPPLY		50	20	37	38	20	50	MANAGER'S SECURITY MONITOR					
PARKING LOT LIGHTS		9.00	30	34	40	30	9.00	WATER HEATER					
RECP - ETC		50	20	41	42	20	20	TV					
EXISTING LOAD:						16.23		KVA x 125%		20.24		KVA	
LIGHTING LOAD:						1.42		KVA x 125%		1.78		KVA	
RECEPTACLE LOAD:						1.02		KVA x 125%		1.28		KVA	
MISC. LOAD:										0.00		KVA	
MECHANICAL LOAD:										0.00		KVA	
WATER HEATER LOAD:										0.00		KVA	
ELECTRIC HEAT LOAD:										0.00		KVA	
** TOTAL LOAD:										24.05 KVA		121.18 A @ 120/240V, 1Ø, 3W	
* PANELBOARD FEEDERS ARE SIZED FOR MAIN OVERCURRENT DEVICE PER N.E.C. ARTICLE 215-2.													
** ALL LOADS ARE BASED UPON N.E.C. ARTICLE 220													

NOTES:

- ① FIELD VERIFY / TRACE EXISTING CIRCUITS AND UPDATE FINAL PANEL SCHEDULE PER ARTICLE 408.4 (CIRCUIT DIRECTORY).
- ② VIA EXISTING LIGHTING CONTROLS, VERIFY CIRCUITS AND CONTACTORS IN THE FIELD.
- ③ PROVIDE SWITCH RATED BREAKER AND MARK AS "SWD".

CONTACTOR SCHEDULE					
CONTACTOR NO.	AMPS	PANELBOARD CIRCUIT NO.	CONTROL CIRCUIT		LOAD NAME / ZONES
			VOLTS	OPERATION BY	
C1 (4 - POLE)	30	N/A	120	EMS	MERCHANDISE (SALES AREA)
C2 (4 - POLE)	30	N/A	120	EMS	MERCHANDISE (SALES AREA)
C3 (4 - POLE)	30	P-7, P-24	120	EMS	LIGHTING (SALES AREA)
C4 (4 - POLE)	30	N/A	120	EMS	LIGHTING (SALES AREA)
C5 (4 - POLE)	30	EXISTING	120	EMS	EXTERIOR (SIGNAGE)
C6 (4 - POLE)	30	N/A	120	EMS	EXTERIOR
* LIGHTING CONTROLS/CONTACTORS ARE EXISTING. CONTRACTOR SHALL RE-USE IN DESIGN					

FEEDER SCHEDULE	
FEEDER NUMBER	FEEDER SIZE
①	EXISTING 3 SETS (4#3/0 + 1#2GRD - 2" C)
②	EXISTING 4#4/0 + 1#4 GRD - 2 1/2" C

(EXISTING) (SURFACE)		* PANEL M										K&C	
		120 / 240		VOLTS		1 Ø		3 WIRE		500 AMP		MAIN CB	
DESCRIPTION		KVA	CB	OKT	OKT	CB	KVA	DESCRIPTION					
BUILDING SIGN		1.20	20	1	2	20	1.20	PARKING LOT SIGN					
AC #1		5.00	40	3	4	40	5.00	AC #2					
AC #3		5.00	40	5	6	40	5.00	AC #4					
AHU #1		7.00	60	7	8	40	7.00	AHU #2					
AHU #3		7.00	60	9	10	60	7.00	AHU #4					
QUE SCREENS		30	20	11	12	60	36	TELCO RACK					
SPARE		-	20	13	14	60	36	TELCO RACK					
SPARE		-	20	15	16	60	50	COFFEE MACHINE					
SPARE		-	20	17	18	60	1.00	REFRIGERATOR					
GFCI - BREAK AREA		54	20	19	20	20	-	SPARE					
RECEP - ETC / STORAGE		12	20	21	22	20	20	LIGHTING - FRONT AREA					
PANEL P		24.05	200	23	24	30	20						
				31									
				33									
				35									
EXISTING LOAD:								54.25	KVA x 125%	67.55	KVA		
LIGHTING LOAD:								0.00	KVA x 125%	0.00	KVA		
RECEPTACLE LOAD:								0.00	KVA x 50%;	0.00	KVA		
MISC. LOAD:								0.00	KVA x 125%	0.00	KVA		
MECHANICAL LOAD:								0.00	KVA x 125%	0.00	KVA		
PANEL P LOAD										24.05	KVA		
** TOTAL LOAD:										96.15	KVA = 403.55 A @ 120/240V, 1Ø, 3W		

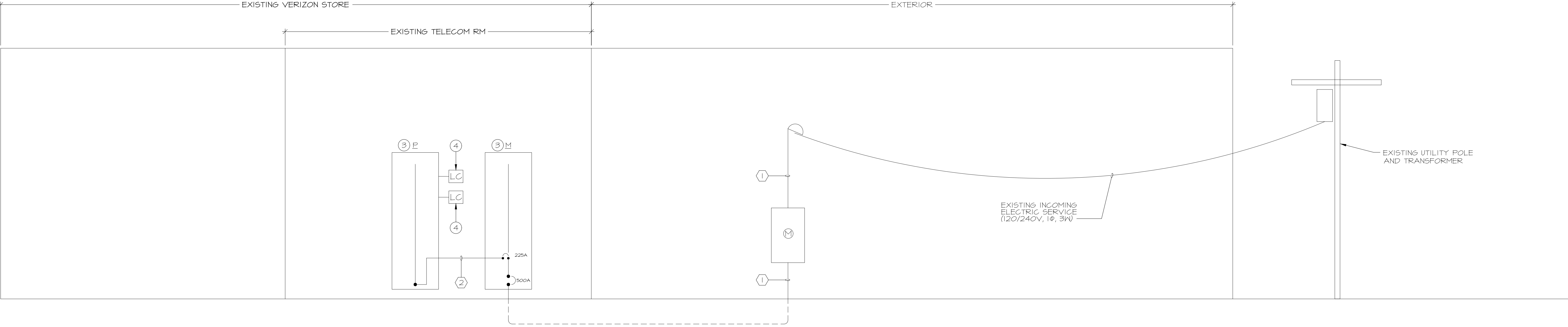
NOTES:

- ① FIELD VERIFY / TRACE EXISTING CIRCUITS AND UPDATE FINAL PANEL SCHEDULE PER ARTICLE 408.4 (CIRCUIT DIRECTORY).

RISER DRAWING NOTES

- ① ALL DEVICES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL NEW DEVICES ARE SHOWN HEAVY, SOLID.
- ② POWER RISER IS SHOWN FOR REFERENCE ONLY. ALL DEVICES AND WIRE SIZES ARE EXISTING TO REMAIN UNLESS OTHERWISE NOTED.
- ③ EXISTING PANELBOARD TO REMAIN, REFER TO PANEL SCHEDULE, THIS SHEET FOR ADDITIONAL INFORMATION.
- ④ EXISTING LIGHTING CONTACTOR TO REMAIN, CONTRACTOR SHALL RE-USE EXISTING CONTACTOR WHERE PERMISSIBLE.

TYPE	LAMPS	MOUNTING	DESCRIPTION / VOLTAGE	CATALOG NO.
CR3T	LED 3000K	RECESSED (GRID)	2'x2' GRID RECESSED LED WITH CURVED ACRYLIC LED PANEL. INSTALL WITH CURVED ACRYLIC PANEL ORIENTED FROM FRONT OF STORE TO REAR. INPUT: 30W	PHILIPS LEDALITE LT6 3622-DI-ST-L-C-44-5-T-D-E
CR3T-em	LED 3000*	RECESSED (GRID)	SAME AS FIXTURE CR-3T WITH INTEGRAL BATTERY PACK. INSTALL WITH CURVED ACRYLIC PANEL ORIENTED FROM FRONT OF STORE TO REAR. INPUT: 30W	PHILIPS LEDALITE LT6 3622-DI-ST-L-C-44-5-N-D-E
CR-01a	LED 2300 LUMEN 3000*	RECESSED (DRYWALL)	4.75" RECESSED LED DOWNLIGHT WITH SEMI-DIFFUSE REFLECTOR WITH MATTE WHITE TRIM (120V) INPUT: 42W	AMERLUX LT6 E4.T5R-62-42-LED-E-120 H55 E4.T5RD-6C-MN-W-VNF
E5-1	LED	SURFACE (CEILING)	CEILING RECESSED MOUNTED EXIT SIGN. 120/277 SALES AREA	ENCORE LIGHTING UNO SERIES SUPER UNIVERSAL X/RCL/C
E5-2	LED	SURFACE (WALL)	WALL RECESSED MOUNTED EXIT SIGN. 120/277 BACK OF HOUSE	ENCORE LIGHTING UNO SERIES SUPER UNIVERSAL X/RW1/C
E5-3	LED	RECESSED (WALL)	WALL RECESSED MOUNTED EXIT SIGN. 120/277 *CONNECTICUT COMPLIANT HANDICAP ACCESSIBLE	ISOLITE LFX-GT SERIES
F4A	SOLAIS LT6 (1) LAMP LR30-40-30V-WHITE, 40° BEAM, 1450 lumens	N/A	WHITE LED ADJUSTABLE TRACK HEAD WITH WIDE FLOOD DISTRIBUTION MOUNTED TO BASIC TRACK, 120V INPUT WATTS: 18W	JUNO LIGHTING T831WH
F4B (X)	N/A	N/A	ONE-CIRCUIT TRACK, SEE PLAN FOR RUN LENGTH	JUNO LIGHTING T2WH, T4WH, T6WH, T8WH
F4A-DH	SOLAIS LT6 (2) LAMPS LR30-40-30V-WHITE, 40° BEAM, 1450 lumens	N/A	DUAL HEAD MONO POINT MOUNTED ACCENT LIGHT, PAR 30 LAMP, WHITE FINISH, MONO ADAPTER, 140V-WH W/ADLIGHT, PROVIDE WITH 15W MAX. RELAMP STICKERS INPUT WATTS: 36W	JUNO LIGHTING T832WH
F6-EM	LED	RECESSED (CEILING)	SAME AS F6, BUT INCLUDES EMERGENCY BACKUP.	MARK ARCHITECTURAL LT6 WHISPER LED SERIES WHSPR 2X2 3300LM 30K 80CRI MINI ZT MVOLT 5WC E10WLCF
F8	LED 16W 2700° 1250 lumens	PENDANT	CUSTOM 16" GOODYEAR PENDANT. USE OVER COLLABORATION TABLES ONLY	BARN LIGHT ELECTRIC BLE-C-NHA16-106-INSIDE-FLAT WHITE-CGB-20FT-1250-LUMENS-2700K
F9	LED 16W 2700° 1250 lumens	PENDANT	12" DIAMETER PENDANT LIGHT, EXTERIOR SHADE, MATTE BLACK FINISH AND FLAT WHITE UNDERSHADE, BLACK FIELD CUTTABLE CORD. USE OVER COLLABORATION BAR ONLY	BARN LIGHT USA BLE-C-NHA12-106-CGB20-LED16-2700
FT-EM	LED 2/50W	RECESSED (CEILING)	7"x 7" RECESSED CEILING MOUNTED CONCEALED FLIP-DOWN EMERGENCY LIGHT WITH MAINTENANCE FREE 90 MINUTE BATTERY. CONFIRM FINISH WITH ARCH CEILING PLANS (WHITE). (120V) INPUT: 50W	ISOLITE LMI6N-NG-EM-CU-MR
M-08	I-12.5W	SURFACE	PRO SERIES SOFT TASK LED UNDERCABINET LIGHT FIXTURE WITH POLY CARBONATE DIFFUSER AND WHITE EXTRUDED ALUMINUM HOUSING. (120V) INPUT: 12.5W	JUNO LT6 UP530-30K-90CRI-WH
A	LED 50W	RECESSED	2'x4' LED ADJUSTABLE SWITCHABLE FLAT PANEL LIGHT FIXTURE. (120V/277) INPUT: 50W RENOVATED BOH AREAS TO REPLACE 2'x4' FLUORESCENT LIGHT FIXTURES.	LITHONIA LT6 GPX LED PANEL
A-em	LED 50W	RECESSED	SAME AS FIXTURE "A", BUT WITH INTEGRAL BATTERY PACK	LITHONIA LT6 GPX LED PANEL



①② POWER RISER DIAGRAM
NO SCALE