

REFERENCE SYMBOLS

34.01

Drawing Number

**ELEVATION** 

Drawing Number

**DETAIL SECTION** 

INTERIOR ELEVATION

**COLUMN GRID LINE - NEW** 

**COLUMN GRID LINE - EXISTING** 

Drawing Number

**Drawing Number** 

Sheet Number

Partition Type

HEIGHT MARKER

REVISION SYMBOL

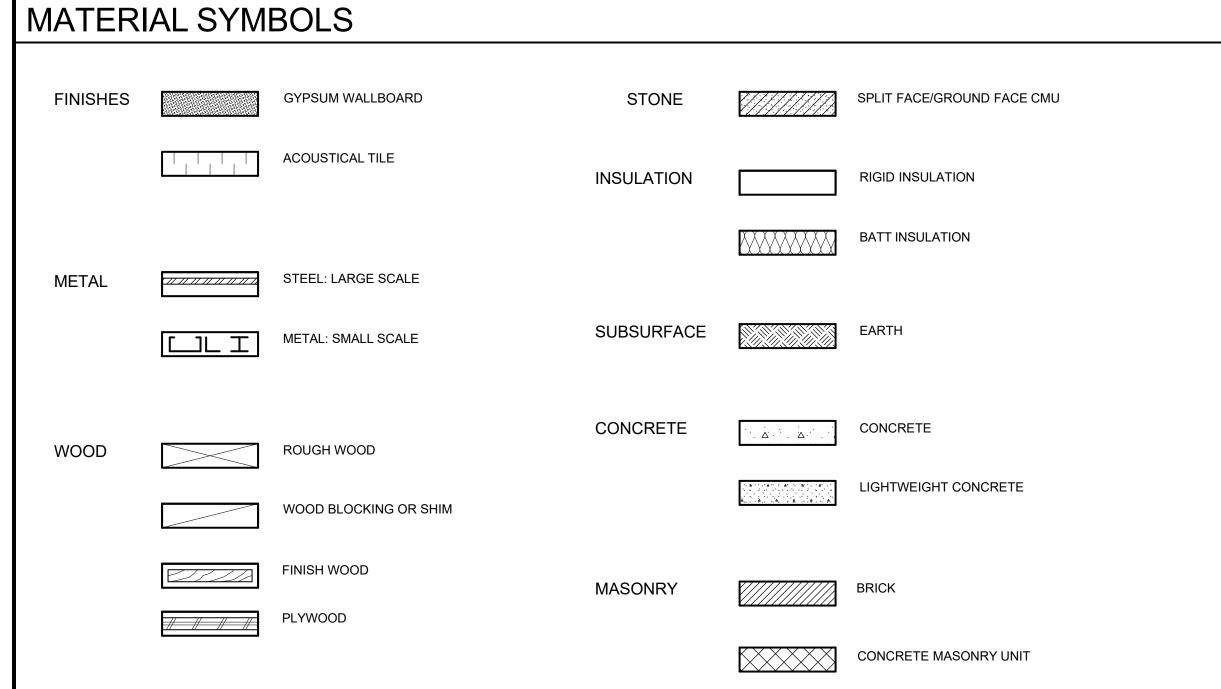
ROOM SYMBOL

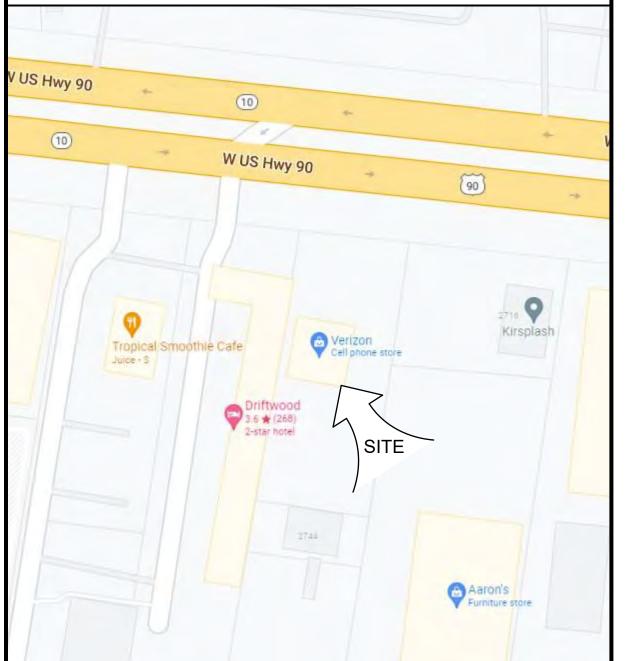
Room Name

Room Number

Sheet Number

**Isolates Detail** 





# 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 BE DONE IN A FIRST CLASS MANNER USING STANDARD CONSTRUCTION PRACTICES AND ACCORDING TO THE RULES AND REGULATIONS OF THE GOVERNING BUILDING DEPARTMENT.

### GENERAL NOTES

- ALL MATERIALS AND CONSTRUCTION TECHNIQUES IN ALL ARCHITECTURAL STRUCTURAL, MECHANICAL, PLUMBING, FIRE PROTECTION, AND ELECTRICAL WORK SHALL BE PERFORMED IN ACCORDANCE WITH ALL APPLICABLE CODES LISTED ON THIS SHEET, LOCAL AMENDMENTS, ITS LOCAL JURISDICTION AND ALI INDUSTRY STANDARDS. ALL WORK SHALL BE DONE IN A FIRST CLASS MANNER USING STANDARD CONSTRUCTION PRACTICES AND ACCORDING TO THE RULES AND REGULATIONS OF THE GOVERNING BUILDING DEPARTMENT.
- THE CONTRACTOR SHALL COMPLY WITH ANY EXISTING STATE AND APPLICABLE THE CONTRACTOR SHALL COMPLY WITH APPLICABLE STATE, COUNTY, AND CITY REGULATIONS AND/OR LEGISLATION REGARDING THE CONTROL OF POLLUTION AS IT APPLIES TO THE WORK.
- CLARIFICATION: IF THE CONTRACT DRAWINGS ARE FOUND TO BE UNCLEAR, AMBIGUOUS, OR CONTRADICTORY, THE CONTRACTOR MUST REQUEST CLARIFICATION FROM THE ARCHITECT BEFORE PROCEEDING WITH THAT PART OF
- THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR ALL SAFETY PRECAUTIONS AND STANDARDS TO INSURE THE SAFETY OF ALL PERSONS ON THE
- THE TERM "PROVIDE" SHALL MEAN FURNISH AND INSTALL.
- THE CONTRACTOR IS TO VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS AND REPORT ANY DISCREPANCIES IMMEDIATELY TO THE ARCHITECT.
- ALL WOOD MATERIALS, INCLUDING BUT NOT LIMITED TO BLOCKING, PLYWOOD AND SHEATHING SHALL BE FIRE RETARDANT TREATED. SECURITY VENDOR IS TO COORDINATE EXITING. SECURITY & FIRE ALARM SYSTEM
- REQUIREMENTS WITH THE FIRE MARSHAL AND CONTRACTOR PRIOR TO THE START OF CONSTRUCTION. WHERE APPLICABLE, MODIFICATIONS TO EXISTING SPRINKLER SYSTEM SHALL BE COMPLIANT W/ NFPA 13 & WITH AUTHORITIES HAVING JURISDICTION & SHALL BE
- DESIGN/BUILD BY OTHERS. CONTRACTOR SHALL BE RESPONSIBLE FOR COST & CONSTRUCTION OF ALL JURISDICTION REQUIRED BUILDING INSPECTIONS AS WELL AS SPECIAL INSPECTIONS OF THE FOLLOWING: SOIL, CONCRETE, REINFORCING STEEL,
- SCOPE OF WORK. WHERE APPLICABLE, CONTRACTOR TO CARRY COST TO INTERFACE VERIZON FIRE ALARM EQUIPMENT AND DEVICES WITH LANDLORD FIRE ALARM SYSTEM.

STRUCTURAL STEEL, COLD FORMED FRAMING, & EIFS AS APPLICABLE TO THE

## PROJECT DIRECTORY

<u>Architects</u> MRA Architectural Services, Inc. Rich Root - Architect rroot@mragta.com

MEP Engineers Telegent Engineering Inc. Timothy Smidt tsmidt@tel-eng.com

Client/Owner

James Baxter - Project Manager jim.baxter@verizonwireless.com One Verizon Place Alpharetta, Georgia 30004

CITY STUDIO

MEP ENGINEER

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Telegent Engineering, Inc.

2216 Commerce Road, Suite 1

Forest Hill, Maryland 21050

**CLIENT/OWNER** Verizon James Baxter One Verizon Place 2B1-FAC

PROJECT NAME

Alpharetta, Georgia 30004

# **Verizon**✓

Lake City NextGen Refresh 2750 W US Hwy. 90

Lake City, FL 32055

PROJECT NUMBER 17759x1
17709X1
DRAWN BY SH
ISSUED DATE 12/20/202
NO. REVISION DATE
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**Cover Sheet** 

SHEET NUMBER

SHEET TITLE

10.01

**Permit Documents** 

# APPLICABLE CODES

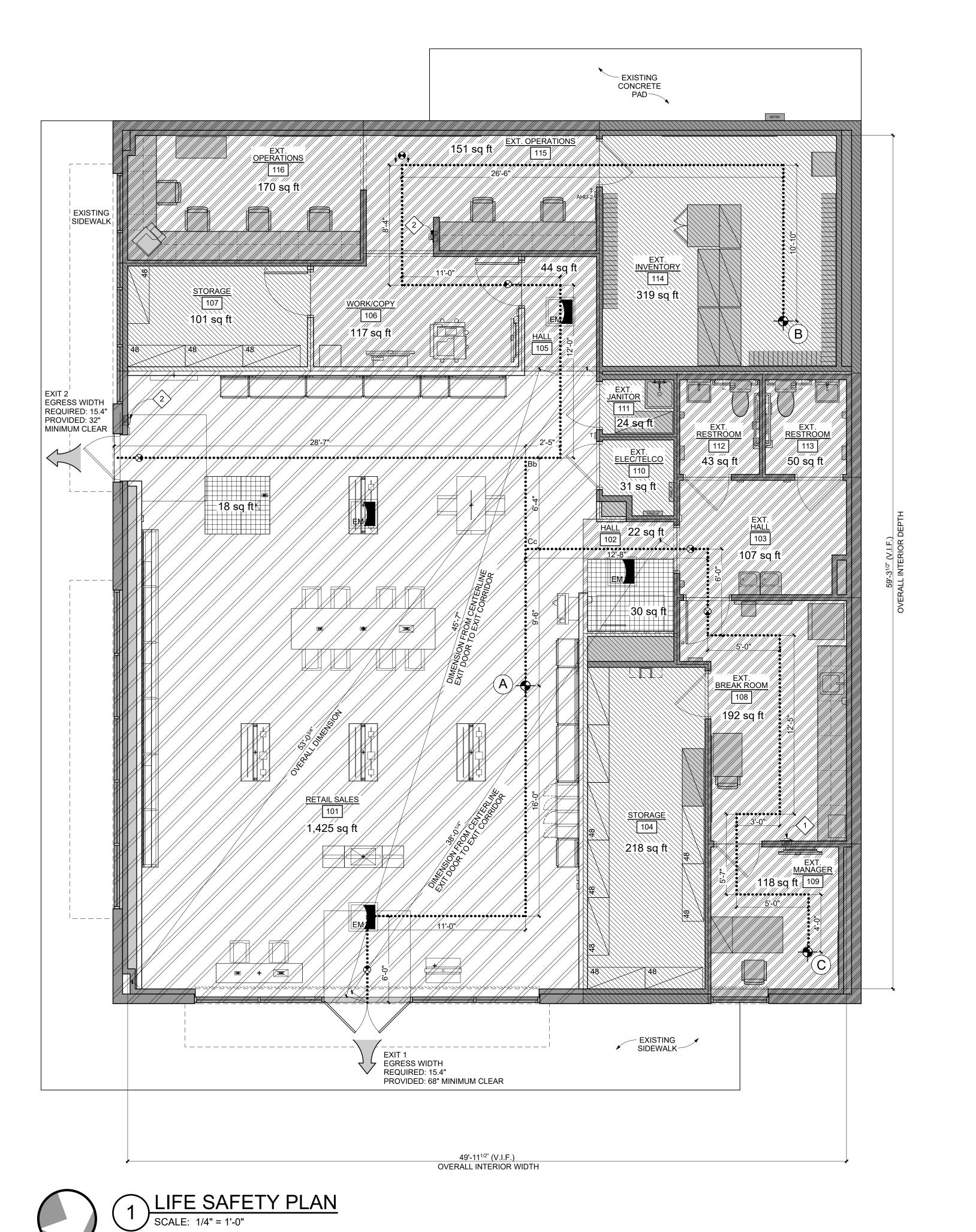
- 2020 FLORIDA BUILDING CODE, BUILDING (FBC-B) 7TH **EDITION**
- 2020 FLORIDA BUILDING CODE, EXISTING BUILDING (FBC-EB) 7TH EDITION
- 2020 FLORIDA BUILDING CODE, MECHANICAL (FBC-M) 7TH EDITION
- 2020 FLORIDA BUILDING CODE, PLUMBING (FBC-P) 7TH **EDITION**
- 2020 FLORIDA BUILDING CODE, ENERGY CONSERVATION 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

NUMBER OF STORIES ABOVE GRADE:

PR	OJECT NAME:	VERIZON NEXTGEN REFRESH - LAKE CITY, FL
OC	CUPANCY GROUP:	MERCANTILE (M) (NO CHANGE TO EXISTING)
ТО	TAL OCCUPANT LOAD:	77 TOTAL OCCUPANTS
CC	NSTRUCTION TYPE:	II-B (NO CHANGE TO EXISTING)
FIF	RE PROTECTION SYSTEMS:	
	FIRE ALARM SYSTEM:	NO
	FULLY SPRINKLERED AND MONITORED:	NO
ТО	TAL EXISTING TENANT AREA:	3,180 SF (GROSS)
ТО	TAL PROPOSED WORK AREA:	2,109 SF (GROSS)

1 (NO CHANGE TO EXISTING)



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 | COMMON PATH | COMMON PATH | DISTANCE TO NOTES START POINT OF TRAVEL DISTANCE NUMBER EXIT EXIT #1 33'-0" **EXISTING** EXIT #2 44'-5" **EXISTING** EXIT #1 119'-11" **EXISTING** 71'-1" EXIT #2 99'-8" **EXISTING** EXIT #1 102'-6" **EXISTING** 53'-8" Сc EXIT #2 88'-7" **EXISTING** 

ROOM BY ROOM SCHEDULE OF OCCUPANCY USE & EGRESS OCCUPANT LOAD CALCULATIONS THIS SHEET ONLY

(BASED ON LIFE SAFI	ETY CODE)
ROOM NUMBER	ı
101	RETAIL SA

ROOM NUMBER	USE	USE	CLASS	SIZE SQFT	SQFT/PERSON	NO. PERSONS
101 101	RETAIL SALES RETAIL SALES	M A2		1,485 SF 18 SF	(NFPA 101) 30g 7n	50
102 102	HALL HALL	B1		22 SF 30 SF	150g 7n	1 5
103	EXISTING HALL	A2 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./TELCO	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
		REQUIRE		/IDTH (INCHES	L OCCUPANCY LOAD S) 77 OCC x 0.2"/OCC ESS WIDTH (INCHES)	77 OCC 15.4" 100"

## THIS SHEET ONLY

STARTING POINT FOR EGRESS TRAVEL



STARTING POINT LABEL



ACCESSIBLE EXIT





#### **GENERAL NOTES** THIS SHEET ONLY

1. 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

ACCESSIBILITY SIGNAGE NOTES:

LETTERS AND NUMBERS SHALL BE RAISED 1/32", UPPER CASE

ACCOMPANIED WITH GRADE 2 BRAILLE. RAISED CHARACTERS

PICTOGRAMS. THE BORDER DIMENSION OF THE PICTOGRAM

SANS SERIF OR SIMPLE SERIF TYPE AND SHALL BE

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

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

ENCOUNTERING PROTRUDING OBJECTS OR STANDING WITHIN

TOILET ROOM DOOR SYMBOL SHALL BE IN CONTRASTING

MAY APPROACH WITHIN 3" OF SIGNAGE WITHOUT

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

SHALL BE 6" MINIMUM IN HEIGHT.

THE SWING OF A DOOR.

COLOR.

SIGN FROM FLOOR.



1 RELOCATED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER (EQ070). COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.

2 EXISTING FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL INFORMATION.

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443-490-7201

MEP ENGINEER

410-692-5816

**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 B	Y	SKJ
ISSUED D	ATE	12/20/2022
NO.	REVISION	DATE
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**Life Safety Plan** 

SHEET NUMBER

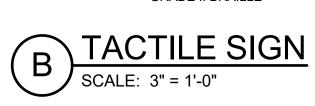
SHEET TITLE

10.02

**Permit Documents** 

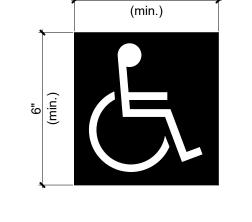
RESTROOM (EQ881c) (1) PER TOILET

\ WALL MOUNTED RESTROOM SIGN (typ.)



WITH CORRESPONDING

EXIT



INTERNATIONAL



3'-0"

3'-0"

# GRADE II BRAILLE

WITH CORRESPONDING

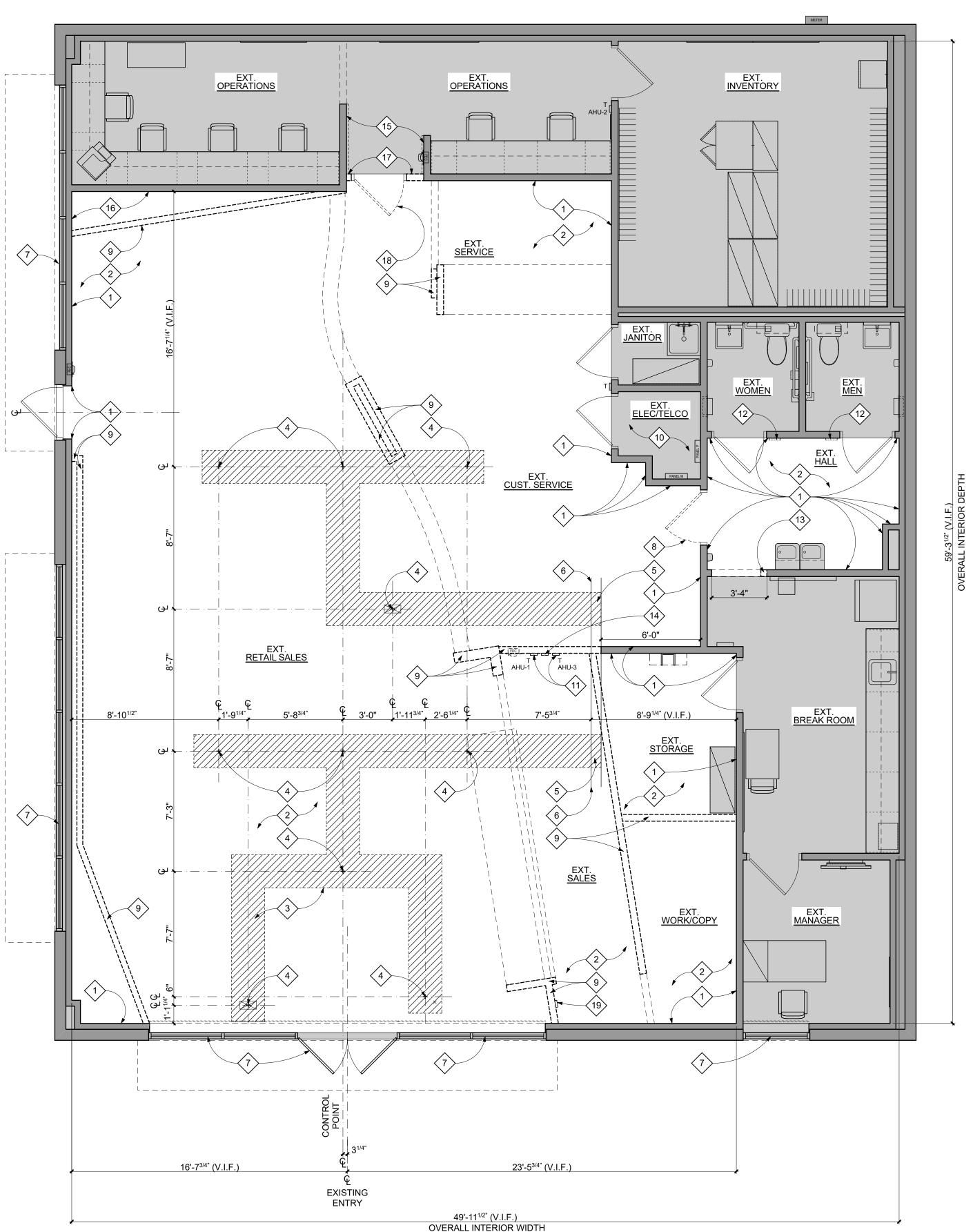
GRADE II BRAILLE

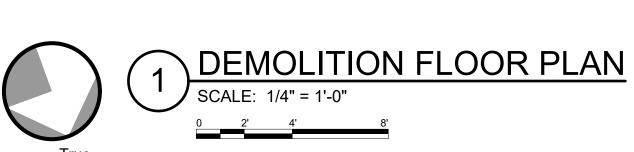
## SEMI-RECESSED FIRE EXTINGUISHER CABINET WALL HUNG FIRE EXTINGUISHER WITH FIRE EXTINGUISHER-

FIRE EXTINGUISHER DETAILS

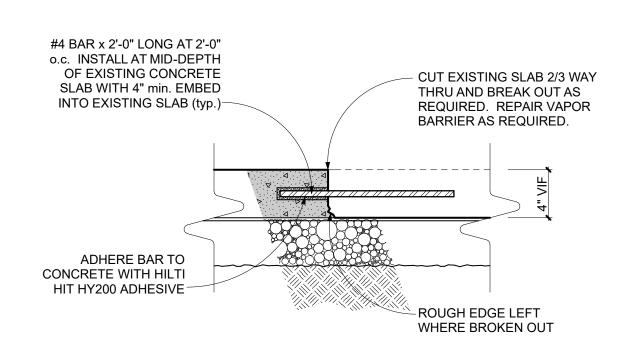
SCALE: 1/2" = 1'-0"

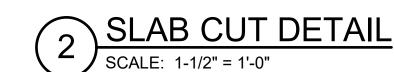
TYPICAL SIGN DETAILS





NORTH





#### CONSTRUCTION NOTES SLAB CUT DETAIL

- 1. 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 REINFORMEMENTS PRIOR TO CUTTING OR CORE-DRILLING SLAB.
- 2. FOR NON-STRUCTUAL 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
- 4. HAND TAMP SUB-BASE MATERIAL TO MINIMUM DRY DENSITY OF 95 PERCENT OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698.
- 5. TERMITE TREATMENT TO BE APPLIED TO SOIL.
- 6. REPAIR CUT-SEAM OF EXISTING VAPOR BARRIER TO MAINTAIN ORIGINAL INTEGRITY.
- 7. CONCRETE INFILL TO MATCH THICKNESS OF EXISTING SLAB (typ.). PROVIDE SMOOTH STEEL TROWEL FINISH.

### THIS SHEET ONLY

- 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.
- 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
- 6. 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 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.
- 9. PATCHAND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
- EXISTING, WHERE APPLICABLE.

10. REPAIR SLAB AND VAPOR BARRIER AS REQUIRED TO MATCH

- OF HOUSE WALLS AS REQUIRED TO INSTALL NEW FINISHES - SEE FURNITURE, FIXTURE AND EQUIPMENT/FINISH PLAN FOR ADDITIONAL INFORMATION.
- 12. SHADED CONSTRUCTION INDICATES EXISTING CONSTRUCTION TO REMAIN.
- DASHED LINES.
- PURPOSES ONLY. CONTRACTOR SHALL COORDINATE WITH PHASING REQUIREMENTS AND VERIZON PROJECT MANAGER TO DETERMINE OPTIMAL LOCATION OF TRENCHES PRIOR TO CUTTING OF SLAB.
- 15. 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.
- 16. ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE TO SAW CUT AND REMOVE EXISTING CONCRETE SLAB FOR AND FLOOR BOX(S) - SEE ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- 17. ALL DEMOLITION AND EXPOSURE OF INTERIOR SURFACES PROTECTIVE CONSTRUCTION. CONTRACTOR SHALL PROVIDE AND INSTALL TEMPORARY PROTECTION IN ALL OPENINGS WHERE EXTERIOR DOORS OR ROOFTOP/MECHICANICAL EQUIPMENT HAVE BEEN

#### **CONSTRUCTION NOTES**

- FIXTURE, u.n.o. SEE FURNITURE, FIXTURES AND EQUIPMENT SHEET 38.01 FOR ADDITIONAL INFORMATION.
- 3. DIMENSIONS ARE TO FINISHED FACE OF NEW PARTITION,

#### **DEMOLITION NOTES**

- 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.
- 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
- WORK IF ANY CONFLICTING INFORMATION IS PROVIDED.
- 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
- 11. DEMOLISH FINISHES AND/OR PREPARE SURFACE ON FRONT
- 13. ITEMS SCHEDULED FOR REMOVAL ARE INDICATED BY
- 14. LOCATION OF TRENCHES SHOWN FOR DIAGRAMATIC
- TRENCHING AS REQUIRED FOR NEW ELECTRICAL CONDUITS
- TO THE EXTERIOR SHALL BE IMMEDIATELY FOLLOWED BY REMOVED/REPLACED/ADDED.

# THIS SHEET ONLY

- 1. DIMENSIONS ARE TO FACE OF EXISTING WALL, u.n.o.
- 2. DIMENSIONS ARE TO CENTERLINE OR CONTROL POINT OF
- u.n.o. SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- 4. CONTRACTOR SHALL LAYOUT ALL WALLS PRIOR TO LAYOUT OF SLAB CUTS.

EXISTING WALL/ DOOR/ CASEWORK, ETC TO REMAIN.



----- DEMOLITION ITEMS TO BE REMOVED.

# **GENERAL NOTES**

THIS SHEET ONLY

THIS SHEET ONLY

- 1. CONTRACTOR SHALL CLEAN, PATCHAND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL  $F_F = 35$  AND  $F_L = 25$  PER ASTM E1155 STANDARD TEST METHOD.
- 2. 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.
- 3. REMOVE ALL DEBRIS FROM ALL ROOMS (typ.).
- 4. 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@TELUSPLANET.NET
- 5. 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.
- 6. 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.
- 7. COORDINATE FINAL LOCATION OF POWER AND DATAWITH MILLWORK AND ELECTRICAL DRAWINGS.
- 8. ALL EXISTING ITEMS NOT BEING REUSED SHOULD BE REMOVED IN ITS ENTIRETY.
- 9. 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 WALL AS REQUIRED TO MAKE
- 6 LOCATION OF FUTURE INTERIOR PARTITION SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- EXISTING ALUMINUM AND GLASS STOREFRONT SYSTEM TO
- 8 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 PATCHAND REPAIR ADJACENT EXISTING CONSTRUCTION TO MATCH EXISTING.
- (10) 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.
- (12) EXISTING RESTROOM SIGNAGE TO BE REMOVED IN ITS ENTIRETY. CONTRACTOR TO PATCHAND 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 PATCHAND 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 PATCHAND REPAIR AS REQUIRED TO ACCEPT NEW FINISHES.
- (16) 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.

CITY STUDIO

ARCHITECT

MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

MEP ENGINEER Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

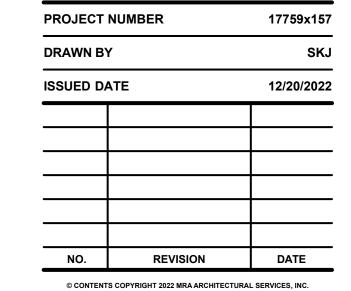
**CLIENT/OWNER** 

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

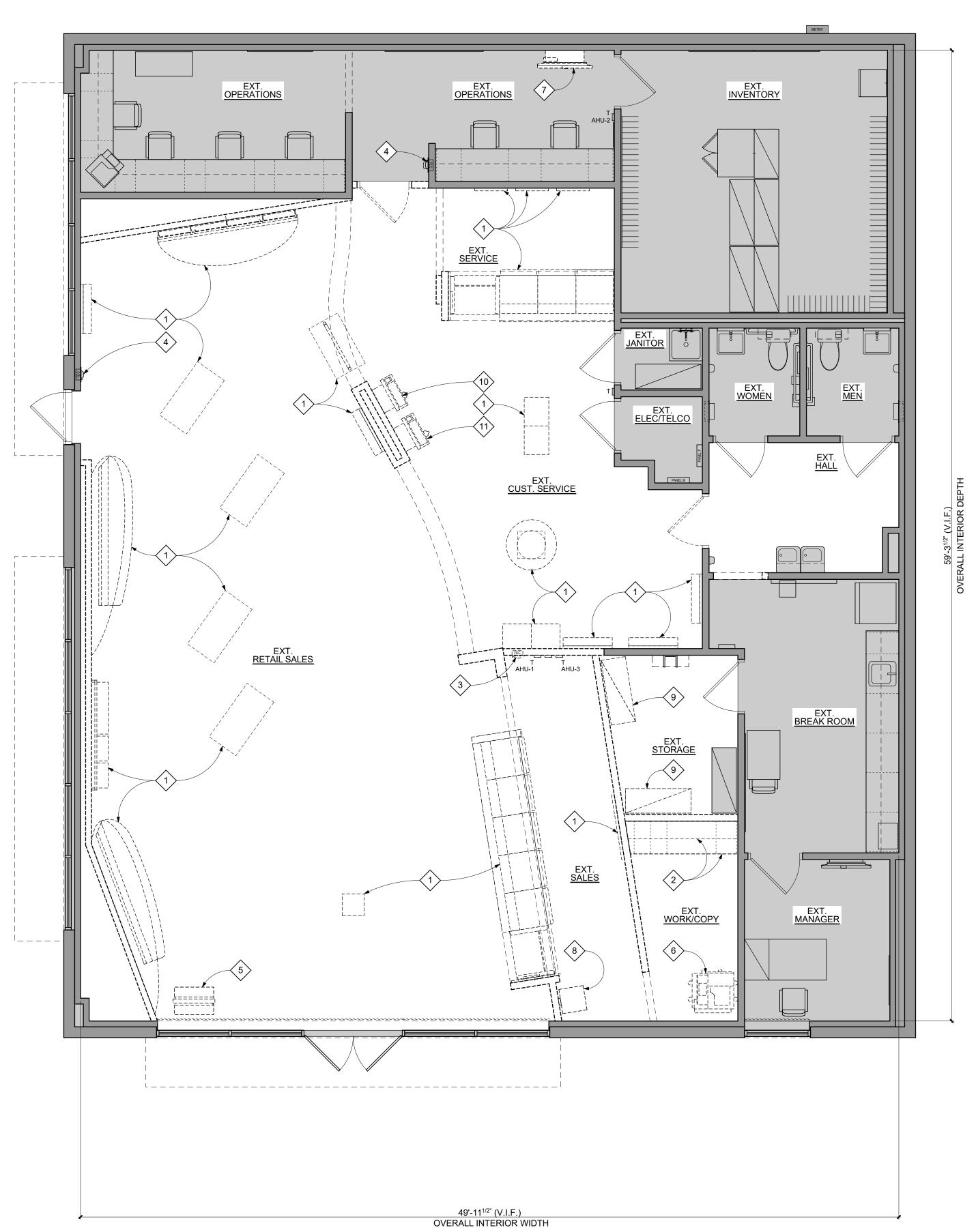


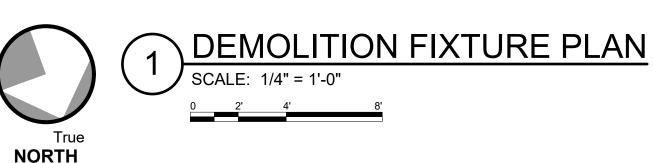
SHEET TITLE **Demolition Floor** 

SHEET NUMBER

**Plan & Detail** 

21.01





#### **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.
- 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
- 6. 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.
- 9. PATCHAND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
- EXISTING (WHERE APPLICABLE).
- CONSTRUCTION TO REMAIN.
- 12. ITEMS SCHEDULED FOR REMOVALARE INDICATED BY DASHED LINES.
- PROTECTIVE CONSTRUCTION. CONTRACTOR SHALL OPENINGS WHERE EXTERIOR DOORS OR ROOFTOP/MECHICANICAL EQUIPMENT HAVE BEEN REMOVED/REPLACED/ADDED.
- 14. WHERE APPLICABLE, EXISTING FLOOR BOXES TO BE AND REPAIR ADJACENT EXISTING CONSTRUCTION AS DRAWINGS FOR ADDITIONAL INFORMATION.

- 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
- WORK IF ANY CONFLICTING INFORMATION IS PROVIDED.

- 10. REPAIR SLAB AND VAPOR BARRIER AS REQUIRED TO MATCH
- 11. SHADED CONSTRUCTION INDICATES EXISTING
- 13. ALL DEMOLITION AND EXPOSURE OF INTERIOR SURFACES TO THE EXTERIOR SHALL BE IMMEDIATELY FOLLOWED BY PROVIDE AND INSTALL TEMPORARY PROTECTION IN ALL
- REMOVED IN THEIR ENTIRETY (typ.). CONTRACTOR TO PATCH REQUIRED TO RECEIVE NEW FINISHES. - SEE ELECTRICAL

EXISTING WALL/ DOOR/ CASEWORK, ETC TO REMAIN

----- DEMOLITION ITEMS TO BE REMOVED

### THIS SHEET ONLY

- TEST METHOD.
- 2. CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER AND 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.
- 3. REMOVE ALL DEBRIS FROM ALL ROOMS (typ.).
- 4. CONTRACTOR SHALL PROVIDE GLASS "PAINT" ON INTERIOR OF ALL STOREFRONT WINDOWS DURING DEMOLITION AND CONSTRUCTION WORK AND REMOVE AFTER GLASSMASK, INC. 10818 HAWN FREEWAY, DALLAS, TX
- 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.
- 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.
- 8. ALL EXISTING ITEMS NOT BEING REUSED SHOULD BE REMOVED IN ITS ENTIRETY.

#### KEYNOTES

- 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
- EXISTING FIRE EXTINGUISHER TO BE RELOCATED. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL -
- EXISTING WALL MOUNTED FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL -SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- RELOCATED SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION.
- (6) EXISTING FLOOR COPIER TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION.
- BRACKET TO BE REMOVED AND RELOCATED. CONTRACTOR TO PATCHAND 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
- 9 EXISTING FREESTANDING STEEL WIRE SHELVING TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR
- (10) EXISTING BILL PAYKIOSK TO BE REMOVED IN ITS ENTIRETY.
- EXISTING BILL PAYKIOSK TO BE REMOVED AND RELOCATED - SEE FIXTURE PLAN FOR ADDITIONAL INFORMATION.

### THIS SHEET ONLY

- 1. CONTRACTOR SHALL CLEAN, PATCHAND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL  $F_F = 35$  AND  $F_L = 25$  PER ASTM E1155 STANDARD

- CONSTRUCTION IS COMPLETE. COLOR SHALL BE WHITE BY: 75217, PHONE: (403) 735-0775 FAX: (403) 735-0669 E-MAIL: GLASSM@TELUSPLANET.NET 5. CONTRACTOR SHALL NOTIFY ARCHITECT IMMEDIATELY IF
- ANY EXISTING DRYWALL FINISH WHICH IS EXISTING TO
- 7. COORDINATE FINAL LOCATION OF POWER AND DATAWITH MILLWORK AND MEP DRAWINGS.

#### THIS SHEET ONLY

- FOR ADDITIONAL INFORMATION.
- 2 EXISTING CASEWORK TO BE REMOVED IN ITS ENTIRETY.
- SEE FLOOR PLAN FOR ADDITIONAL INFORMATION.
- 5 EXISTING DIGITAL DISPLAY TO BE REMOVED AND
- EXISTING SMART BOARD MONITOR (RIC) AND MONITOR
- INFORMATION.
- ADDITIONAL INFORMATION.

# CITY STUDIO ARCHITECT MRA Architectural Services, Inc.

1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

MEP ENGINEER

**Telegent Engineering, Inc.** 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

**CLIENT/OWNER** 

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

PROJECT NAME

Verizon

# **Verizon**

Lake City

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

PROJECT N	UMBER	17759x157
DRAWN BY		SKJ
ISSUED DA	ΓE	12/20/2022
-		1
NO.	REVISION	DATE

**Demolition Fixture** 

SHEET NUMBER

21.02





DEMOLITION REFLECTED CEILING PLAN

THIS SHEET ONLY

- 1. THE CONTRACTOR SHALL NOT CONSIDER DEMOLITION NOTES ALL INCLUSIVE. IT IS THE CONTRACTOR'S LIMITS. ALL DEVIATIONS FROM THE CONTRACT 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
- 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.
- 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.
- UPON DISCOVERY OF ANY MATERIALS DEEMED OR REPRESENTATIVE CONTACTED.
- THE CONTRACTOR SHALL DISCONNECT, REMOVE, STORE, REINSTALL AND RECONNECT ANY EQUIPMENT TO REMAIN AND/OR REUSED AS REQUIRED TO INSTALL NEW WORK,
- 9. PATCHAND REPAIR ALL EXISTING SURFACES DISTURBED BY DEMOLITION AS NEEDED IN PREPARATION FOR NEW FINISHES.
- 10. SHADED CONSTRUCTION INDICATES EXISTING CONSTRUCTION TO REMAIN.
- 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/MECHICANICAL 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, ADDITIONAL INFORMATION.
- 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 <u>DRAWINGS WILL BE ISSUED.</u>

**DEMOLITION NOTES** 

- 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 DOCUMENTS NECESSITATED BY FIELD CONDITIONS SHALL
- 5. CONTRACTOR SHALL REVIEW DEMOLITION DRAWINGS AND
- 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
- EQUIPMENT, ETC.
- 11. ITEMS SCHEDULED FOR REMOVALARE INDICATED BY
- UNLESS OTHERWISE NOTED. COORDINATE WITH VERIZON PROJECT MANAGER. NO OTHER MECHANICAL WORK WITHIN SCOPE OF PROJECT - SEE REFLECTED CEILING PLAN FOR
- 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.

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: GLASSMASK, 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

- EXISTING LIGHT FIXTURE TO BE REMOVED IN ITS ENTIRETY (typ.) - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- 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.).
- 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.).
- EXISTING SPEAKER TO BE REMOVED IN ITS ENTIRETY. SEE REFLECTED CEILING PLAN AND ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. COORDINATE WITH VERIZON PROJECT MANAGER (typ.).
- EXISTING GWB BULKHEAD TO BE REMOVED IN ITS
- 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
- 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.).

CITY STUDIO

ARCHITECT

MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

MEP ENGINEER

Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

NO. REVISION © CONTENTS COPYRIGHT 2022 MRA ARCHITECTURAL SERVICES, INC. SHEET TITLE **Demolition** Reflected Ceiling Plan

**CLIENT/OWNER** 

Verizon James Baxter One Verizon Place

2B1-FAC

PROJECT NAME

Alpharetta, Georgia 30004

**Verizon** 

2750 W US Hwy. 90

Lake City, FL 32055

NextGen Refresh

17759x157

12/20/2022

Lake City

PROJECT NUMBER

**DRAWN BY** 

ISSUED DATE

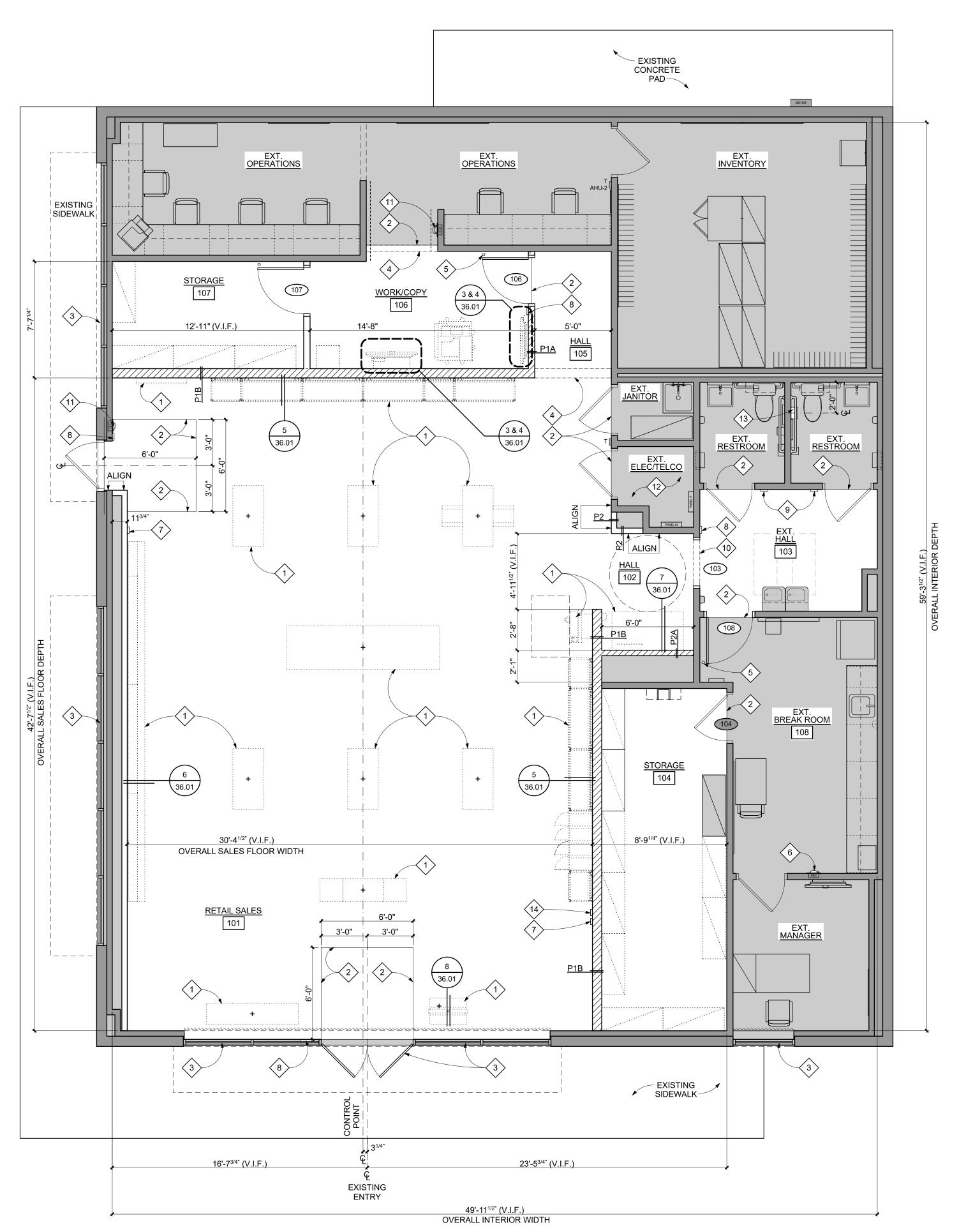
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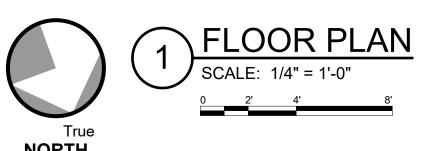
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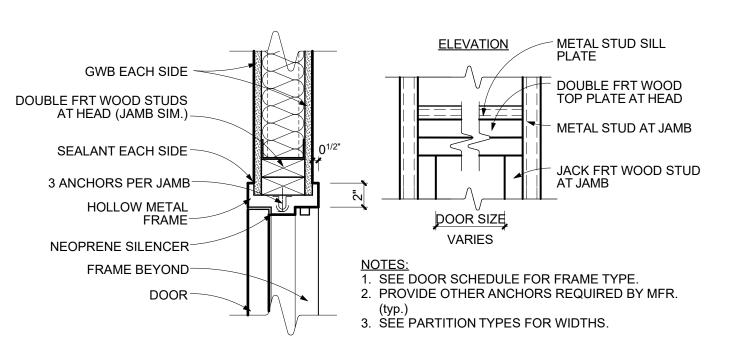
**Permit Documents** 

**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

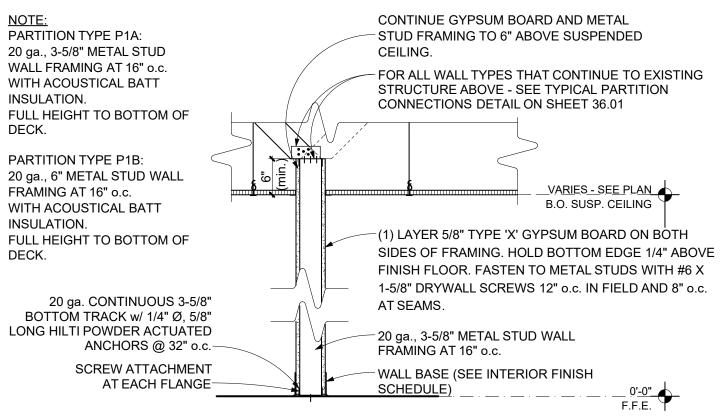
HVAC DESIGN REQUIREMENTS



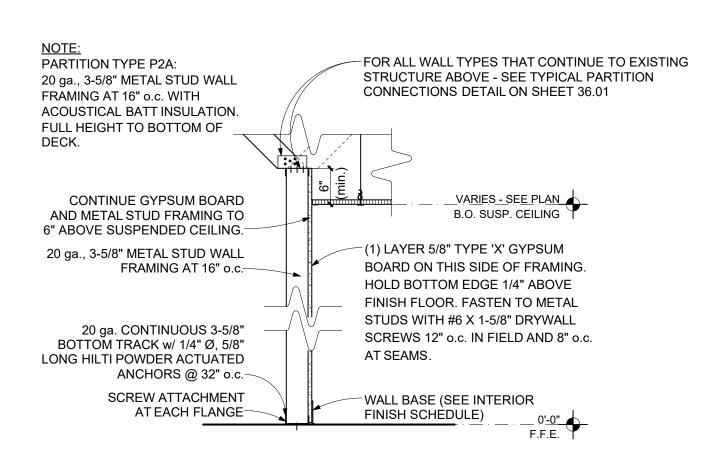




STUD WALL HEAD DETAIL (JAMB SIM.)



### PARTITION TYPE P1 NOTE: USE HIGH IMPACT GYP. BOARD THROUGHOUT THE STORE.



PARTITION TYPE P2 NOTE: USE HIGH IMPACT GYP. BOARD THROUGHOUT THE STORE.

#### **CONSTRUCTION NOTES** THIS SHEET ONLY

- 1. ALL PROJECT GENERAL NOTES APPLY.
- DISCREPANCIES: NOTIFY VERIZON PROJECT MANAGER AND CONSTRUCTION MANAGER OF ALL EXISTING
- 3. SEE SHEET 31.01 FOR DOOR SCHEDULE.
- 4. ALL DIMENSIONS ARE FINISH DIMENSIONS, UNLESS NOTED
- 5. ALL NEW WALLS SHALL EXTEND 6" (min.) ABOVE SUSPENDED CEILING, UNLESS NOTED OTHERWISE
- 6. ALL INTERIOR PARTITIONS ARE P1 UNLESS NOTED
- SHALL BE 6" 20 GA. METAL STUDS AT 16" o.c. WITH (1) LAYER 5/8" TYPE 'X' GYPSUM BOARD BOTH SIDES, FULL HEIGHT TO UNDERSIDE OF STRUCTURE ABOVE AND FULL INSULATION. U.L. DESIGN NO. U419.
- 8. ALL NEW DOORS SHALL BE 5" OFF WALL (AT HINGE SIDE), (JAMB SIMILAR) ON SHEET 31.01 FOR ADDITIONAL **INFORMATION.**
- 9. 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.
- 10. 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.
- 11. ALL DRYWALL SHALL BE LEVEL (5) FINISH QUALITY.
- 12. CONTRACTOR SHALL CLEAN, PATCHAND LEVEL EXISTING CONCRETE SLAB AS REQUIRED FOR NEW FLOOR FINISHES. FLOOR SURFACES SHALL BE CLASSIFIED AS "FLAT" WITH OVERALL  $F_F = 35$  AND  $F_L = 25$  PER ASTM E1155 STANDARD TEST METHOD.
- 13. CONTRACTOR SHALL PROVIDE OPTIONAL PRICING TO LEVEL 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.
- 14. THERMOSTATS, FIRE EXTINGUISHERS, CABINETS OR ANY OTHER WALL MOUNTED ARCHITECTURAL ACCESSORY SHALL BE INSTALLED PER PLAN.
- FBC BCAP 107.3.5.1.
- 17. 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.
- 3. TO ORDER VISUAL GRAPHIC SYSTEMS SIGNAGE CONTACT: ARLETTE DAVIS: ADAVIS@VGS-INC.COM (800)203-0301 EXT. 109
- 4. ALL VINYL SIGNAGE APPLIED TO INSIDE FACE OF STOREFRONT u.n.o.
- AND LATEST VERIZON SECURITY STANDARDS FOR ADDITIONAL INFORMATION.

- CONSTRUCTION NOT SPECIFICALLY NOTED ON THE DRAWINGS; PROCEED ON THOSE ITEMS ONLY AS DIRECTED

- 1-HOUR RATED WALL CONSTRUCTION (WHERE APPLICABLE)
- UNLESS NOTED OTHERWISE. SEE STUD WALL HEAD DETAIL

- OR SMOOTH FLOORS WITH MAPEI CONCRETE PRIMER AND
- 15. USE HIGH IMPACT GYPSUM BOARD THROUGHOUT THE
- 16. INTERIOR NON-BEARING WALLS MUST RESIST A MINIMUM HORIZONTAL LOAD TO THE WALL OF 5 PSF; FBC 1607.14 AND

- COORDINATE WITH VERIZON PROJECT MANAGER IN ASSESSING WHAT THE EXTENT OF COMPLIANCE WITH THE LATEST SECURITY STANDARDS SHALL BE PER
- 2. ADDITIONAL SIGNAGE MAY BE REQUIRED BY REGION-
- 5. REFER TO TYPICAL SIGNAGE DETAILS ON SHEET 10.02

### THIS SHEET ONLY

EXISTING WALL/ DOOR/ CASEWORK, ETC. TO

----- DENOTES EX FRP-1 TO 52" A.F.F.

**GENERAL NOTES** 

THIS SHEET ONLY

- LOCATION OF NEW WALL TO BE CONSTRUCTED

FOR ADDITIONAL INFORMATION.

CONNECTIONS ON SHEET 36.01.

1. CONTRACTOR SHALL PROVIDE BLOCKING AT THE

FOLLOWING LOCATIONS: TELCO RACK, INVENTORY ROOM

WALLS, GRAB BARS, HANDRAILS, WALL HUNG FURNITURE,

WINDOW DISPLAYS AT STOREFRONTS AND AT ALL OTHER

BEING WALL OR CEILING/SOFFIT HUNG - SEE DETAIL 2/36.01

BLOCKING WITH BOTTOM AT 70" A.F.F. BEHIND SHELF AND

WALL HUNG CABINETS AND SHELVES, HANGING GLASS

LOCATIONS WHERE HANGING POSTERS EQUIPMENT IS

PROVIDE CONTINUOUS 3/4" x 20" FIRE RATED PLYWOOD

MONITOR MOUNTED TO WALL - SEE TYPICAL WALL

BLOCKING DETAILS ON SHEET 36.01 FOR ADDITIONAL

3. CONTINUE GYPSUM BOARD, BATT INSULATION AND METAL

5. ALL ANGLED INTERIOR WALLS POSITIONED AT 45° ANGLE

FROM ORTHOGONAL, UNLESS NOTED OTHERWISE.

4. FOR ALL WALL TYPES THAT CONTINUE TO EXISTING

STRUCTURE ABOVE - SEE TYPICAL PARTITION

STUD FRAMING TO BOTTOM OF DECK IN OPEN CEILING

- WALL SYSTEM TO BOTTOM OF DECK

#### 443-490-7201 MEP ENGINEER

410-692-5816

ARCHITECT

**Telegent Engineering, Inc.** 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050

CITY STUDIO

MRA Architectural Services, Inc.

1414 Key Highway, Suite M301

Baltimore, Maryland 21230

THIS SHEET ONLY

INFORMATION.

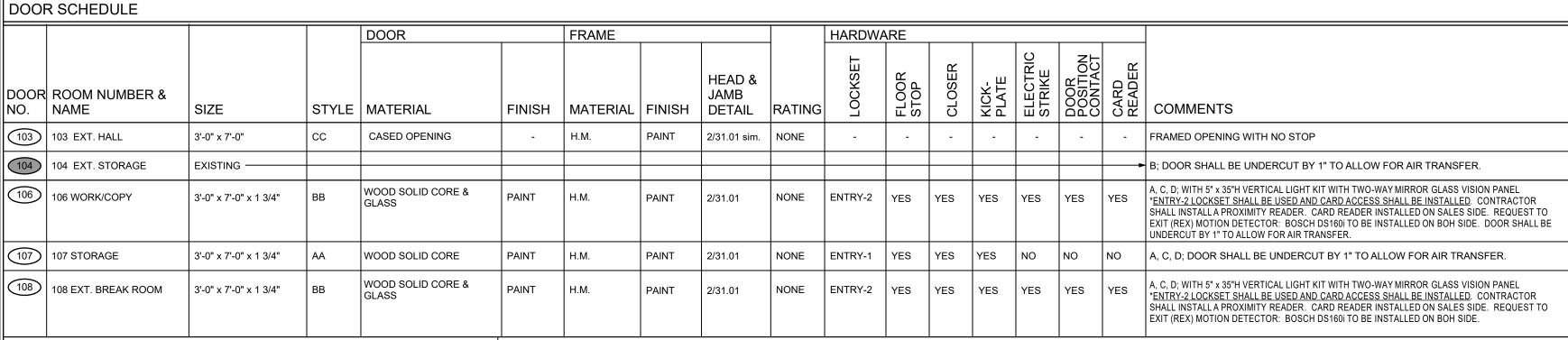
- RETAIL FIXTURES AND RELATED COMPONENTS SEE FURNITURE, FIXTURES AND EQUIPMENT PLAN FOR ALL FIXTURE RELATED ITEMS.
- FLOOR FINISH LINE SEE FINISH PLAN FOR ADDITIONAL INFORMATION.
- EXISTING ALUMINUM AND GLASS STOREFRONT SYSTEM TO
- LINE OF BULKHEAD ABOVE SEE REFLECTED CEILING PLAN
- (5) DOME DOOR STOP (typ.).

INFORMATION.

FOR ADDITIONAL INFORMATION.

- RELOCATED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL. SEE SHEET 10.02 FOR ADDITIONAL
- 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. (11) FIRE EXTINGUISHER TO REMAIN. COORDINATE FINAL LOCATION WITH LOCAL FIRE MARSHAL - SEE SHEET 10.02
- EXISTING ELECTRICAL EQUIPMENT TO REMAIN SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
- FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT SANITARY NAPKIN DISPOSAL (EQ833). TOP OF FIXTURE @ 30" A.F.F.
- (14) RELOCATED CO2 SENSOR WITH ALL ASSOCIATED ACCESSORIES AND CONTROLS WIRING.

FOR ADDITIONAL INFORMATION.



COMMENT KEY A. LOCKSET SHALL BE OPERATED FROM THE INTERIOR SIDE WITHOUT ANY SPECIAL KNOWLEDGE, EFFORT OR KEY. B. EXISTING DOOR HARDWARE SHALL BE STANDARD CYLINDRICAL LATCH TYPE WITH LEVER HANDLES D. ALL FRAMES SHALL BE SHOP PRIMED AND FIELD FINISHED WITH SEMIGLOSS ENAMEL. E. WEATHER-STRIPPED NOTE: CONTRACTOR TO COORDINATE INVENTORY DOOR SECURITY LOCKING WITH VERIZON PROJECT MANAGER AND SECURITY VENDOR. **DOOR STYLE KEY** BB FLUSH DOOR WITH 5" x 35" TWO-WAY MIRROR GLASS VISION PANEL WIDTH - PAINT VISION PANEL FRAME TO MATCH DOOR/FRAME 2'-10" AA KICKPLATE CASED OPENING (WHERE SPECIFIED) FRAME TYPE - KNOCKDOWN HOLLOW METAL FRAME

KNOCKDOWN CASED OPENING

#### CONTRACTOR TO VERIFY ALL DOOR HARDWARE WITH VERIZON PROJECT MANAGER PRIOR TO BID

#### **DOOR SCHEDULE GENERAL NOTES:**

- . REFER TO SECURITY DRAWINGS (SC.1.0, SC.2.0, AND SC.3.0) FOR ADDITIONAL INFORMATION. ALL CORES SHALL BE "MEDECO XT"
- KEY ALL EXTERIOR DOORS ALIKE WITH ONE MASTER KEY. 4. KEY ALL INTERIOR DOORS SEPARATELY WITH ONE MASTER 5. LOCKSETS SHALL BE SCHLAGE D SERIES RHODES (LEVER
- HANDLE). FINISH SHALL BE #626 "SATIN CHROME PLATED," UNLESS OTHERWISE NOTED. 6. DOOR HANDLES & LOCKSETS TO BE PROVIDED BY SECURITY VENDOR. ALL OTHER DOOR HARDWARE TO BE
- PROVIDED BY GC. DOOR FRAMES SHALL HAVE RUBBER SILENCERS, WHICH ARE TO BE INSTALLED AFTER FINAL PAINTING. SILENCERS SHALL BE #307D, GRAY, BY HAGER COMPANIES (800) 325-
- . ALL DOOR HARDWARE FINISH SHALL BE US26D UNLESS NOTED OTHERWISE. ALL INTERIOR TRIM HANDLES SHALL BE SCHLAGE RHO STYLE. 10. ALL EXTERIOR TRIM HANDLES SHALL BE VON DUPRIN 06
- 11. ALL STOREFRONT (CUSTOMER ENTRY) EXIT DEVICES SHALL USE HEX KEY DOGGING; STANDARD. 12. SUPRA 6 STOR-A-KEY REQUIRED IN TELCO ROOM WITH CONTROL KEY AND STORE MASTER.
- 13. SURFACE RODS TO BE USED ON RETROFIT APPLICATIONS WITH PERIMETER GLASS DOORS. 14. CONCEALED RODS TO BE USED ON NEW PERIMETER GLASS 15. DOORS AND THEIR FRAMES SHALL BE PAINTED ON BOTH SIDES. UNLESS OTHERWISE NOTED
- 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.
- 17. 'ELECTRIFIED' REFERS TO CARD ACCESS LOCATIONS ONLY FOR ELECTRIFIED HARDWARE OR TRIM. 18. 'ACTIVE' REFERS TO THE MAIN DOOR IN A DOUBLE DOOR
- 19. 'PASSIVE' REFERS TO THE SECONDARY DOOR IN A DOUBLE DOOR PORTAL - EXIT ONLY.

- OTHER HARDWARE (SEE LOCKSET KEY FOR ADDITIONAL HARDWARE SPECIFIC TO CERTAIN LOCKSET TYPES)
- #243F DOME STOP, US26D BY HAGER COMPANIES (800) 325-9995.

SERIES 1600 CLOSERPLUS PARALLEL SPRING ARM BY

ALL DOORS AND METAL FRAMES TO ACCOMMODATE

- INTERIOR DOOR CLOSERS SHALL BE NORTON SERIES 1600 REGULAR ARM BY NORTON DOOR CONTROLS (800) 438-1962, OR APPROVED EQUAL MOUNTED TO THE PRIVATE SIDE OF THE DOOR. EXTERIOR DOOR CLOSERS SHALL BE NORTON
- NORTON DOOR CONTROLS, OR APPROVED EQUAL, MOUNTED TO THE PRIVATE SIDE OF THE DOOR. ALL FINISHES TO BE IN ALUMINUM. NORTON FINISH SYMBOL "AL". CONTRACTOR SHALL COORDINATE THE FABRICATION AND INSTALLATION OF
- KICK-PLATES: #190S, 12" HIGH x 2'-10" WIDE (VERIFY WITH DOOR SIZE) ALUMINUM BY HAGER COMPANIES (800)
- 325-9995, OR APPROVED EQUAL. **ELECTRIC STRIKES:**
- PROVIDED AND INSTALLED BY SECURITY VENDOR: · VON DUPRIN 5100 **DOOR POSITION CONTACT:** · PROVIDED AND INSTALLED BY SECURITY VENDOR
- CARD READER: · PROVIDED AND INSTALLED BY SECURITY VENDOR

(SEE DOOR SCHEDULE FOR ADDITIONAL HARDWARE SPECIFIC TO EACH DOOR)

LOCKED; KEYED WITH THUMBTURN ON INTERIOR SIDE: SCHLAGE MODEL NUMBER ND53BD, WITH SMALL FORMAT INTERCHANGABLE CORE.

FIXED; ENTRY BY KEY ONLY-NO THUMBTURN ON INTERIOR SIDE: SCHLAGE MODEL NUMBER ND80BD, WITH SMALL FORMAT INTERCHANGABLE CORE.

LOCKED; NO KEY: SCHLAGE MODEL NUMBER ND40S.

NON-LOCKING: SCHLAGE MODEL NUMBER ND10S, WITH SMALL FORMAT INTERCHANGABLE CORE.

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Floor Plan, Details & Door Schedule

31.01

SHEET NUMBER

**CLIENT/OWNER** 

James Baxter

PROJECT NAME

One Verizon Place

Alpharetta, Georgia 30004

**Verizon** 

2750 W US Hwy. 90

Lake City, FL 32055

**PROJECT NUMBER** 

**DRAWN BY** 

**ISSUED DATE** 

NextGen Refresh

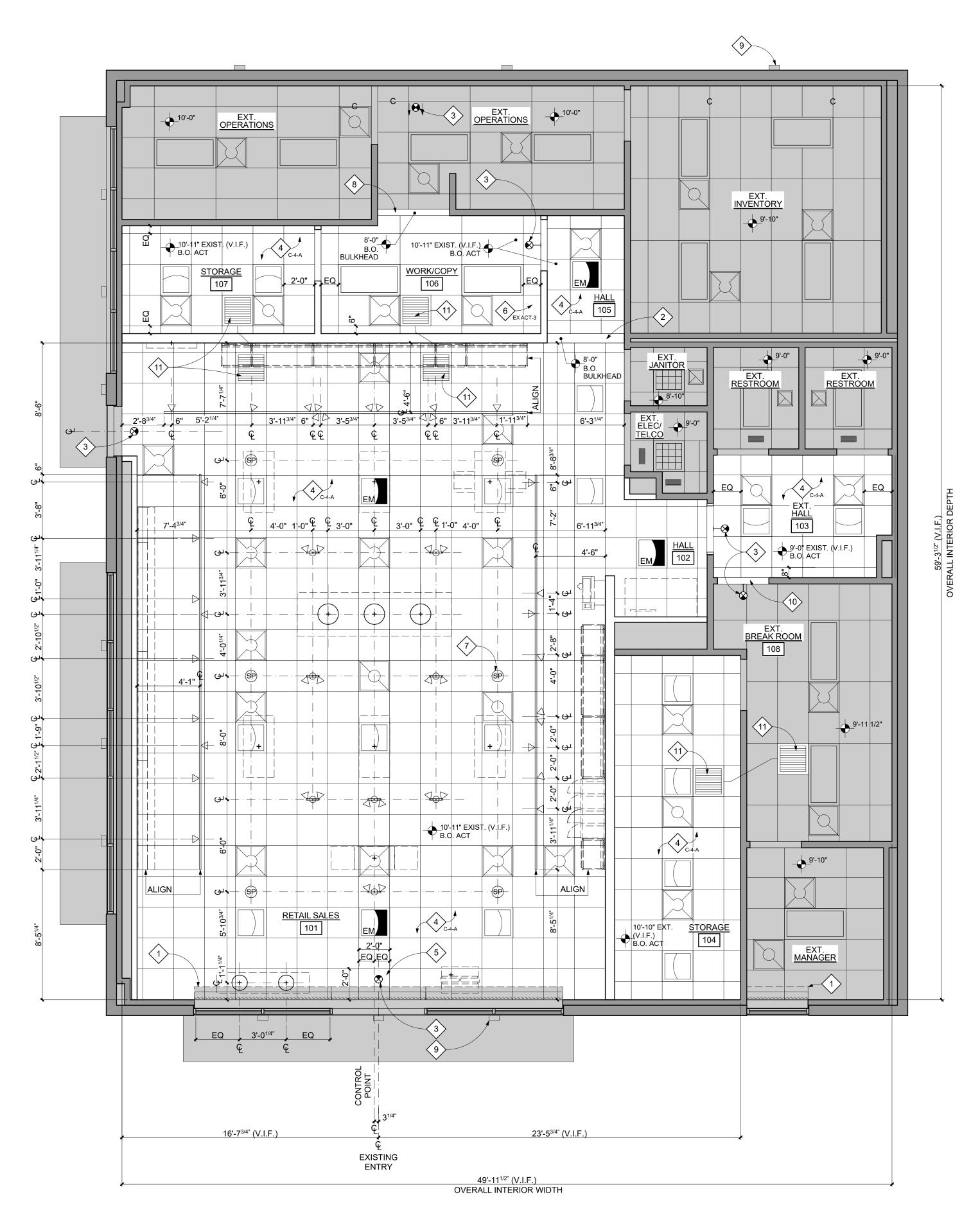
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12/20/2022

Lake City

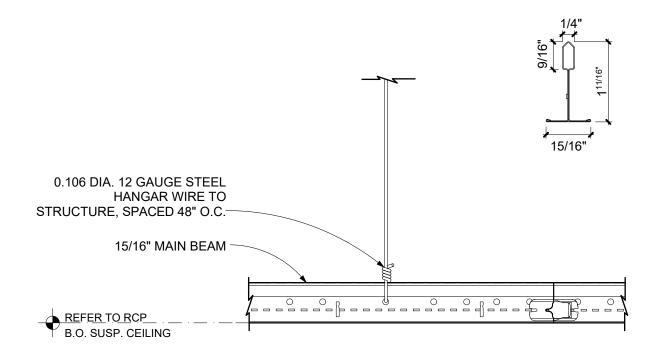
Verizon

2B1-FAC





REFLECTED CEILING PLAN



ACOUSTICAL CEILING DETAIL

THIS SHEET ONLY

1. ALL DIMENSIONS ARE FINISH DIMENSIONS, UNLESS OTHERWISE NOTED.

3. DIFFUSERS AND GRILLES SHALL MATCH CORRESPONDING

4. ALL CEILING GRIDS SHALL BE CENTERED IN ROOMS,

WITHIN SPACE. CONTRACTOR TO VERIFY IN FIELD.

6. CEILING GRID SYSTEMS SHALL BE INSTALLED WITHOUT

7. FOR LIGHTING SPECIFICATIONS - SEE ELECTRICAL

DRAWINGS FOR ADDITIONAL INFORMATION.

10. SUSPEND ALL STRUCTURAL ITEMS. WALLS AND WALL FURRDOWNS 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.

2. ALL NEW SUSPENDED CEILINGS SHALL BE AT HEIGHTS AND LOCATIONS INDICATED ON PLANS.

CEILING COLOR, UNLESS OTHERWISE NOTED.

UNLESS OTHERWISE NOTED.

5. CEILING HEIGHT TO BE BASED UPON HIGH POINT IN SLAB

VISIBLE FASTENERS FROM BELOW (typ.).

8. SEE SHEET 31.03 FOR FINISH SCHEDULE.

9. LIGHTS TO BE CENTERED IN ACOUSTICAL CEILING TILE, UNLESS NOTED OTHERWISE.

11. 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 6" SOUND LINED TRANSFER CHANNEL CONNECTED TO 24" x 24" TITUS(PAR) AIR DEVICES WITH 18"x18" NECK. FINISH SHALL BE BAKED ENAMEL TO MATCH CEILING. COORDINATE FINAL LOCATION WITH VERIZON PROJECT

EXISTING WALL/CEILING/HVAC/LIGHTING, ETC TO



THIS SHEET ONLY

LOCATION OF NEW WALL TO BE CONSTRUCTED

EXISTING SECURITY GATE TO REMAIN. SHOWN FOR REFERENCE ONLY (typ.).

GYPSUM BOARD BULKHEAD.

(3) 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.

TYPICAL OF 6 - SEE ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

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,

8 INFILL EXISTING BULKHEAD TO 8'-0" A.F.F. MATCH ADJACENT EXISTING CONTRUCTION.

(9) EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN (typ.). (10) INFILL EXISTING BULKHEAD TO 7'-0" A.F.F. TO

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(PAR) AIR DEVICES WITH 18"x18" NECK. FINISH

SHALL BE BAKED ENAMEL TO MATCH CEILING. COORDINATE FINAL LOCATION WITH VERIZON PROJECT MANAGER.

ACCOMMODATE NEW DOOR. MATCH ADJACENT EXISTING

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

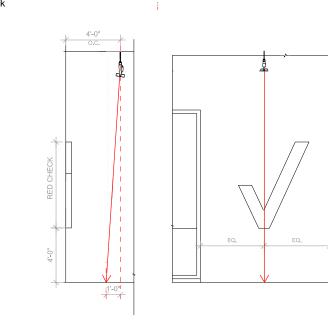
LAY-IN SUPPLY/RETURN GRILLE



**EMERGENCY LIGHT** 

Lighting - 3.2 Lighting | Photo Wall and interior Red Check **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.



verizon /

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Baltimore, Maryland 21230 443-490-7201 MEP ENGINEER Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

1414 Key Highway, Suite M301

ARCHITECT

CITY STUDIO

MRA Architectural Services, Inc.

**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

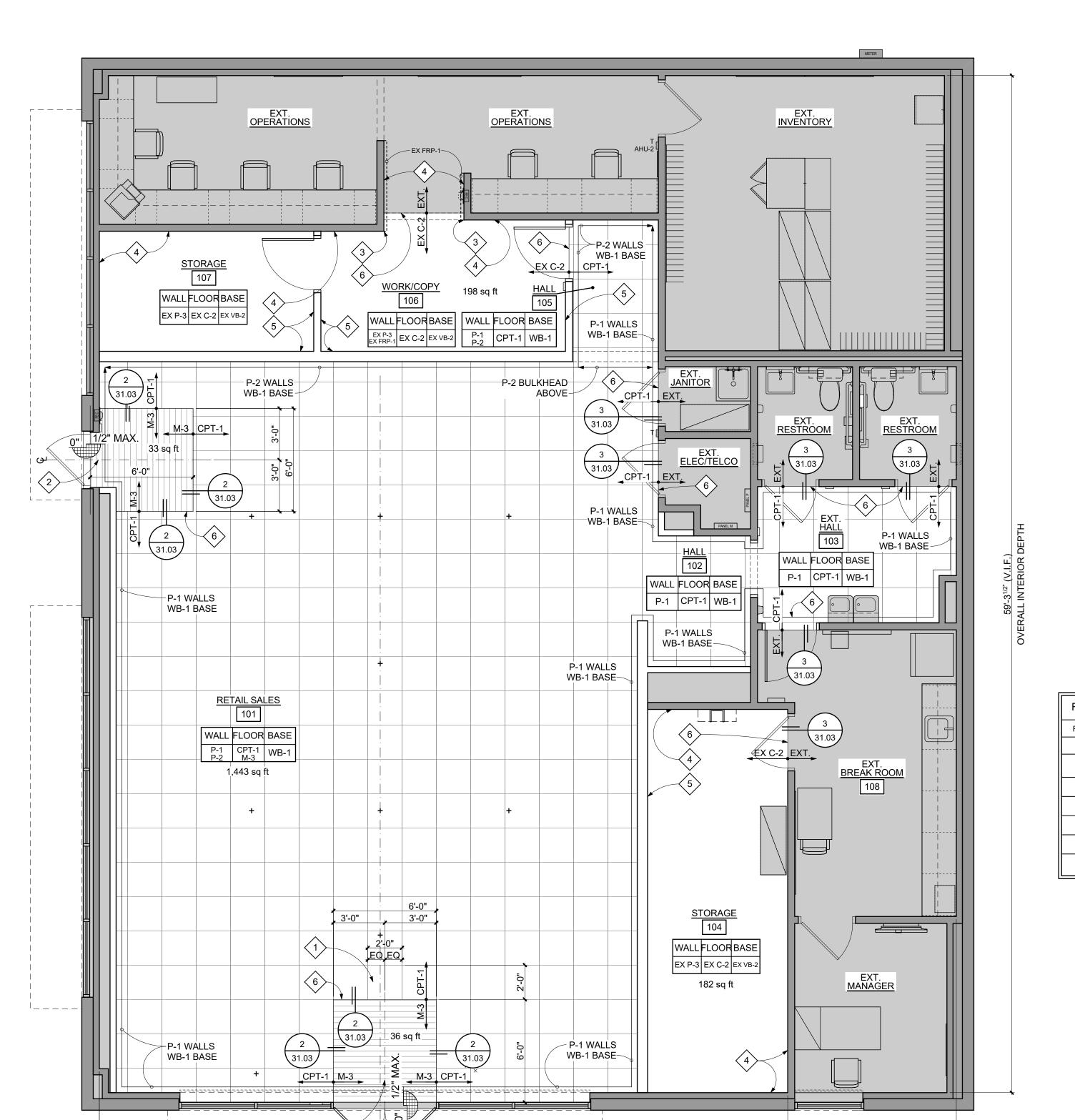
PROJECT NUMBER 17759x157 **DRAWN BY** 12/20/2022 **ISSUED DATE** NO. REVISION DATE © CONTENTS COPYRIGHT 2022 MRA ARCHITECTURAL SERVICES, INC.

Reflected Ceiling Plan & Detail

SHEET NUMBER

SHEET TITLE

31.02



23'-5<sup>3/4</sup>" (V.I.F.)

CUSTOM 1/8" THICK SATIN ANODIZED

FLOORING CONTRACTOR SUPPLIES

CUSTOM ANGLE.

CARPET TILE (CPT-1)

ALUMINUM ANGLE "SCHIENE" AE110 (VERIFY HEIGHT AS REQUIRED) BY SCHLUTER SYSTEMS OR APPROVED EQUAL. GC OR

49'-11<sup>1/2</sup>" (V.I.F.)

**OVERALL INTERIOR WIDTH** 

WALK OFF MAT (M-3) -

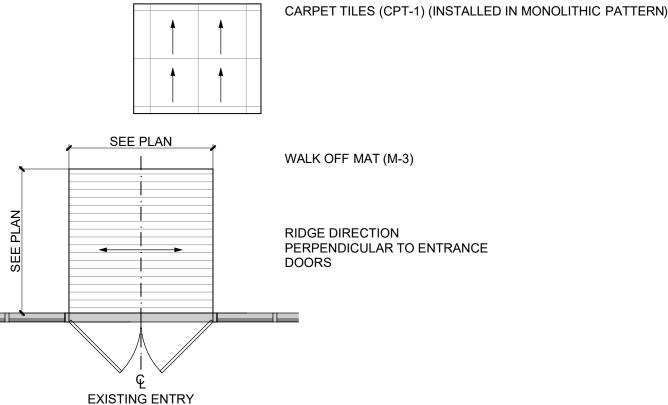
CONTRACTOR SHALL FEATHER IN FLASHING

A MINIMUM OF 12" ALL AROUND HIGH POINT

(OR AS REQUIRED) TO KEEP A SMOOTH AND

EXISTING UNFINISHED FLOOR -

FLUSH TRANSITION



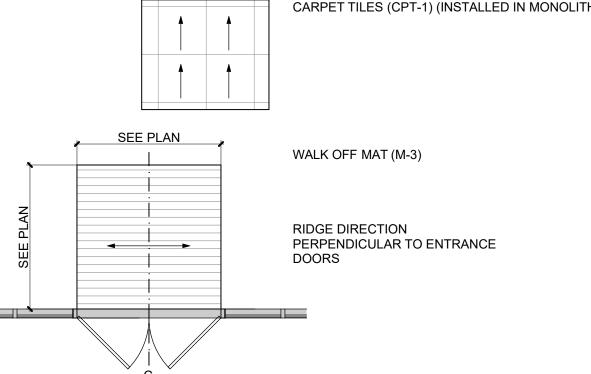
FLOOR SURFACE SHALL BE CLASSIFIED AS "FLAT" WITH SPECIAL OVERALL  $F_E = 35$  AND  $F_L = 25$  PER ASTM E1155 STANDARD TEST METHOD.

ESTIMATED FLOOR FINISH SQUARI *CONTRACTOR SHALL FIELD VERIFY ACTUAL QUA	
CARPET TILES (CPT-1)	1,443 SF
WALK-OFF MAT (M-3)	69 SF
CARPET TILES (EX C-2)	380 SF

SEE FINISH SCHEDULE 31.03 FOR ADDITIONAL INFORMATION

ROOM FI	INISH SCHEDULE							
ROOM#	ROOM NAME	FLOOR	BASE	WALL	CEILING	CABINETRY	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	-	-	

FLOOR FINISH PATTERNS



INTERIOR WAL	LAND CEILING FINISH MATERIALS INDEX
CLASS A:	FLAME SPREAD INDEX 0-25 SMOKEDEVELOPED INDEX 0-450
CLASS B:	FLAME SPREAD INDEX 26-75 SMOKEDEVELOPED INDEX 0-450
CLASS C:	FLAME SPREAD INDEX 76-200 SMOKEDEVELOPED INDEX 0-450
*CEE EINICH C	CHEDINES 24 02 FOR ADDITIONAL INFORMATION

ROOM FI	INISH SCHEDULE							
ROOM#	ROOM NAME	FLOOR	BASE	WALL	CEILING	CABINETRY	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	EX VB-2	EX P-3	C-4-A	_	_	

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  $F_F = 35$  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 UNDERLAYMENT OVER TOPPING AND UNDER VINYL FLOORING.

3. 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 @ 16" 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.

6. ALL DIMENSIONS ARE FINISH DIMENSIONS u.n.o. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND BOH

EXISTING FINISHES PRIOR TO ORDERING MATERIALS. 8. PAINT DOORS & FRAMES IN SALES AREA TO MATCH ADJACENT WALL FINISH, HEAVY DUTY WASHABLE SEMI-

9. PAINT DOORS AND FRAMES IN NON-SALES AREA P-3, HEAVY DUTY WASHABLE SEMI-GLOSS.

10. ALL DRYWALL SHALL BE LEVEL (5) FINISH QUALITY.

GLOSS.

**NEXTGEN INTERIOR FINISHES** 

MICHAEL ECKE T: (201) 949-6130

MICHAEL.ECKE@BENJAMINMOORE.COM

11. WALL MOUNTED DISPLAY FIXTURES INCLUDE VENDOR INSTALLED WALL BASE.

**FINISH KEY** 

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).

(2) 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.

4 EXISTING PARTITION TO BE PAINTED FULL HEIGHT FROM CORNER TO CORNER AND MATCH EXISTING BOH CONSTRUCTION (V.I.F.).

5 PAINT TO MATCH EXISTING ADJACENT CONSTRUCTION

NOTE: SEE FINISH PLAN SHEET

6 FLOOR FINISH TRANSITION LINE.

CITY STUDIO

ARCHITECT

MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

**MEP ENGINEER** 

STAMP

**CLIENT/OWNER** 

James Baxter

PROJECT NAME

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Alpharetta, Georgia 30004

**Verizon** 

2750 W US Hwy. 90

Lake City, FL 32055

NextGen Refresh

REVISION

**Transition Details &** 

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17759x157

12/20/2022

Lake City

PROJECT NUMBER

**DRAWN BY** 

**ISSUED DATE** 

NO.

SHEET TITLE

Finish Plan,

**Schedules** 

SHEET NUMBER

31.03

**Permit Documents** 

Verizon

2B1-FAC

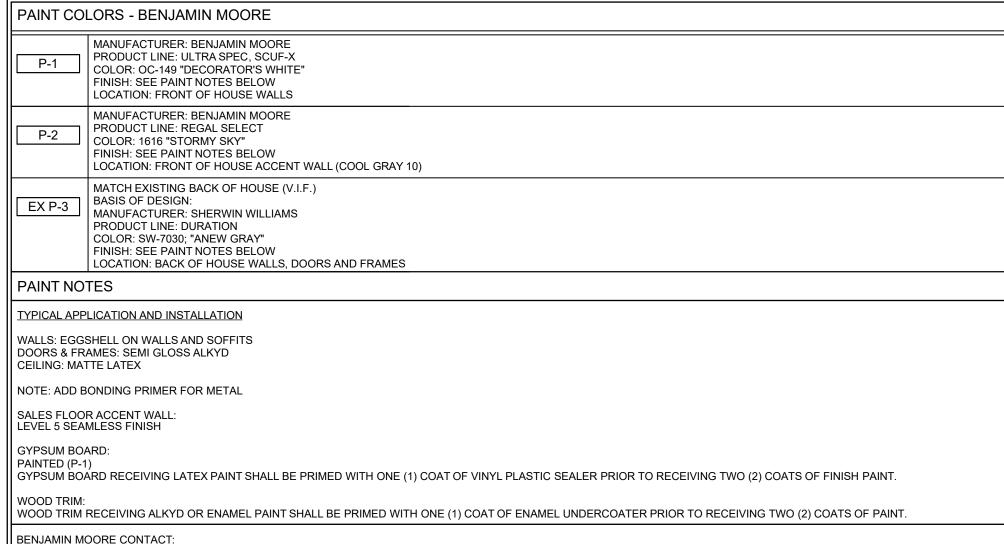
**Telegent Engineering, Inc.** 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

SYMBOL ITEM MANUFACTURER SPECIFICATION AND COLOR CARPET TILE FLOORING PATCRAFT CONTACT: TOM CONWAY TOM.CONWAY@PATCRAFT.COM CPT-1 CARPET IS PROVIDED BY VERIZON AND INSTALLED BY THE GC SIZE: 24" x 24" INSTALLATION: MONOLITHIC PATTERN D: (800) 241-4014 BACKER: ECOLOGIX C: (503) 307-4592 INTERIOR FLOOR FINISH RADIANT FLUX: CLASS I MATCH EXISTING BACK OF HOUSE (V.I.F.) CARPET IS PROVIDED BY VERIZON AND TOM.CONWAY@PATCRAFT.COM D: (800) 241-4014 INSTALLED BY THE GC CARPET TILE NUMBER: R241X SIZE: 24" x 24" : (503) 307-4592 INSTALLATION: MATCH EXISTING (V.I.F.) BACKER: ECOLOGIX INTERIOR FLOOR FINISH RADIANT FLUX: CLASS I ENTRANCE PORTICO SYSTEMS ORDERS SENT TO: 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. FRONTRUNNER PLUS, LP (1/2") WALK OFF GRID COLOR: GREY 607 CARPET STRIPS ORDERS SENT TO: MAT SIZE: 6' x 6' (STANDARD) AND 6' x 10' (LARGE) <u>COPY MIKE BËDFORD ON ORDERS:</u> OVERALL THICKNESS: 1/2"/12MM TRANSITION BORDER: CUSTOM 1/8" THICK SATIN ANODIZED nbedford@porticosys 102 TRADE STREET ENTRY MAT AT BACK DOOR: FULL WIDTH ALUMINUM ANGLE FIRE RESISTANCE (ASTM E648) CLASS 1 GREER, SC 29651 OF CORRIDOR, VERIFY DEPTH WITH FINAL CELL (612) 209-4874 APPROVED FLOOR PLAN.

TILE TO BE PROVIDED AND INSTALLED BY OFFICE (952) 470-4576 GC OR FLOORING CONTRACTOR SUPPLIES CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE. WWW. PÓRTICOSYSTEMS.COM ENTRY MAT AT BACK DOOR: VERIFY WIDTH AND DEPTH WITH FINAL APPROVED ENTRANCE PORTICO SYSTEMS

MAT ORDERS SENT TO:
verizonorders@portico FRONTRUNNER PLUS, LP (1/2") WALK OFF GRID COLOR: GREY 607 CARPET STRIPS
MAT SIZE: 6' DEEP, WIDTH (SEE FINISH PLAN)
(FOR EGRESS DOORS LOCATED IN OPEN AREAS, ENTRY MAT FLOOR PLAN.
TILE TO BE PROVIDED AND INSTALLED BY verizonorders@porticosystems.com <u>COPY MIKE BEDFORD ON ORDERS</u> O BE 6' x 6' IF POSSIBLE) 102 TRADE STREET OVERALL THICKNESS: 1/2"/12MM TRANSITION BORDER: CUSTOM 1/8" THICK SATIN ANODIZED GC OR FLOORING CONTRACTOR SUPPLIES CUSTOM 1/8" THICK SATIN ANODIZED ALUMINUM ANGLE. CELL (612) 209-4874 OFFICE (952) 470-4576 FAX (952) 470-4302 ALUMINUM ANGLE FIRE RESISTANCE (ASTM E648) CLASS 1 WWW. PORTICOSYSTEMS.COM RESILIENT TARKETT CONTINGENCY CONTACT: KEVIN JOHNSONITE MASQUERADE VIEWPOINT WALL BASE SIZE: 4" HIGH x 3/8" THICK COLOR: JOHN MW-69-V STERLING SILVERADO FIRE RESISTANCE: ASTM E84/NFPA 225 FLAME/SMOKE -CLASS MITER CUT THE ENDS AT INSIDE AND OUTSIDE CORNERS.
BASE TO BE PROVIDED AND INSTALLED TIERNEY VP STRATEGIC ACCOUNTS T: (440) 903-4340 C: (713) 204-7664 NOTE: USE NATIONAL PROGRAM #10538 WHEN ORDERING MITER CUT THE ENDS AT INSIDE AND OUTSIDE CORNERS JOHNSONITE CONTACT: THERESA THOMAS MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: JOHNSONITE VINYL COVE BASE THERESA.THOMAS@TARKETT.COM SIZE: 4" HIGH ROLL STOCK COLOR: 40 "BLACK" FIRE RESISTANCE: ASTM E 84/ NFPA 255 (FLAME/SMOKE) - CLASS B, <450; ASTM E648/NFPA 253: CRITAL RADIANT FLUX - CLASS I ARMSTRONG NAME/PATTERN: "ULTIMA" 1910 COLOR: WHITE SURFACE/FINISH: FIRE RATING CLASS A PH: (703)433-6701 MMCONE@ARMSTRONG.COM SIZE: 24" x 24" x 3/4"

GRID: PRELUDE XL 15/16" EXPOSED TEE IN WHITE EDGE PROFILE: 15/16" SQUARE LAY-IN MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: PH: (703)433-6701 MMCONE@ARMSTRONG.COM ARMSTRONG "FINE FISSURED" 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 ACROVYN CONSTRUCTION SPECIALTIES PRICING REQUESTS, PURCHASE MATCH EXISTING BACK OF HOUSE (V.I.F.) TOP OF ACROVYN TO BE INSTALLED @ 52" BASIS OF DESIGN: ORDERS, ORDER FORMS, ORDER BOTTOM OF ACROVYN TO BE INSTALLED ACROVYN BY GRAND ENTRANCE STATUS QUESTIONS CONTACT: AT TOP OF WALL BASE, INSTALLED ON COLOR: "OYSTER GRAY" WET WALLS ONLY (BEHIND PLUMBING FIXTURES, ON HAND DRYER WALL AND UNDER BREAK AREA COUNTER). nationalaccounts@c-sgroup.com TEXTURE: SUEDE THICKNESS: .040 THICKNESS IN THE EVENT THAT ANY ISSUES ARE SHEET SIZE: 4'-0" x 8'-0" EXPERIENCED, DIRECT POINT OF KIMBERLY SEARS NATIONAL ACCOUNTS SALES MANAGER PH: (978) 719-2487 ksears@c-sgroup.com CORNER CONSTRUCTION SPECIALTIES PRICING REQUESTS, PURCHASE CORNER GUARDS PROVIDED AND EX CG MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: INSTALLED BY GC ORDERS, ORDER FORMS, ORDER COLOR: "OYSTER GRAY" STATUS QUESTIONS CONTACT: PRODUCT: VA-034 SERIES ationalaccounts@c-sgroup.com 10'-0" FULL HEIGHT FIRE RATING: CLASS A



EX C-2 | CARPET TILE | PATCRAFT | CONTACT: TOM CONWAY EX VB-2 EXISTING RESILIENT WALL BASE C-4-A ACOUSTICAL CEILING TILE CONTACT: MAUREEN CONE EX ACT-3 | ACOUSTICAL | ARMSTRONG | CONTACT: MAUREEN CONE EX FRP-1

INT COLORS - BENJAMIN MOORE
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
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)
MATCH EXISTING BACK OF HOUSE (V.I.F.) BASIS OF DESIGN: MANUFACTURER: SHERWIN WILLIAMS PRODUCT LINE: DURATION COLOR: SW-7030; "ANEW GRAY" FINISH: SEE PAINT NOTES BELOW LOCATION: BACK OF HOUSE WALLS, DOORS AND FRAMES
NT NOTES
ICAL APPLICATION AND INSTALLATION  LS: EGGSHELL ON WALLS AND SOFFITS  ORS & FRAMES: SEMI GLOSS ALKYD  ING: MATTE LATEX
E: ADD BONDING PRIMER FOR METAL
ES FLOOR ACCENT WALL: EL 5 SEAMLESS FINISH
SUM BOARD: ITED (P-1) SUM BOARD RECEIVING LATEX PAINT SHALL BE PRIMED WITH ONE (1) COAT OF VINYL PLASTIC SEALER PRIOR TO RECEIVING TWO (2) COATS OF FINISH PAINT.
DD TRIM:

ADA THRESHOLD TO WALK OFF MAT TO CARPET TILE

16'-7<sup>3/4"</sup> (V.I.F.)

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

ADA COMPLIANT ALUMINUM HALF

EXISTING THRESHOLD AS REQUIRED -

SADDLE THRESHOLD. REPLACE

EXISTING EXTERIOR SURFACE FINISH

CONTRACTOR SHALL FEATHER IN

DOORWAYS TO KEEP A SMOOTH AND

FLUSH TRANSITION AND MAINTAIN A

FLASHING AS REQUIRED AT

MIN. 1:12 SLOPE AT FLOORING

FLOORING CONTRACTOR SUPPLIES CUSTOM

NORTH

**EXISTING** 

**ENTRY** 



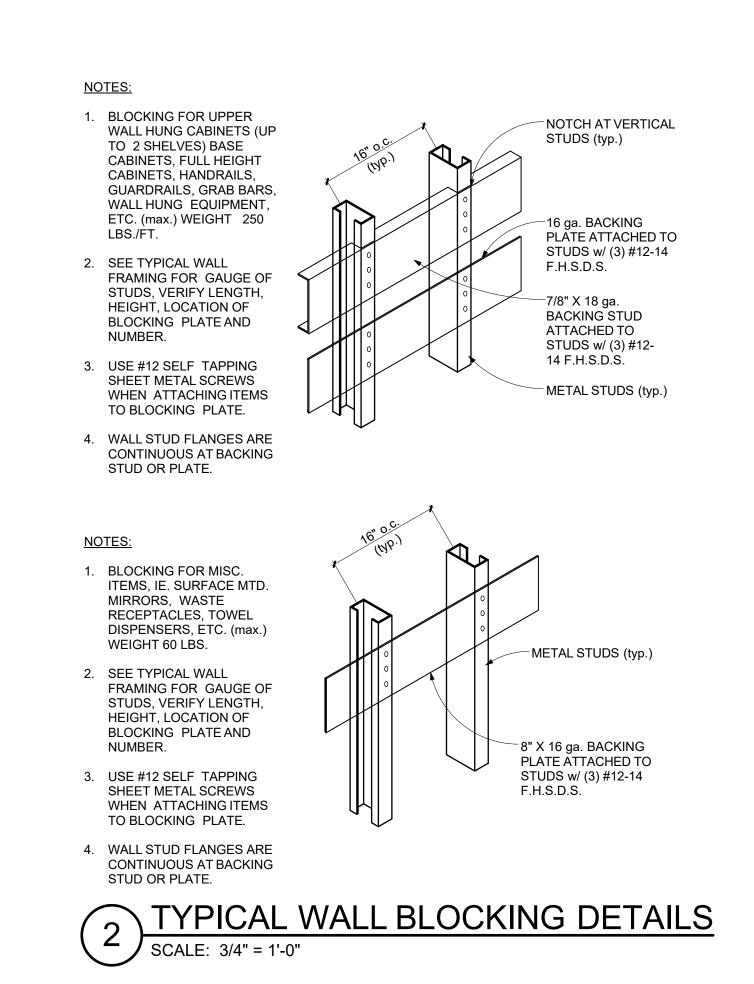
EXTRUDED ALUMINUM

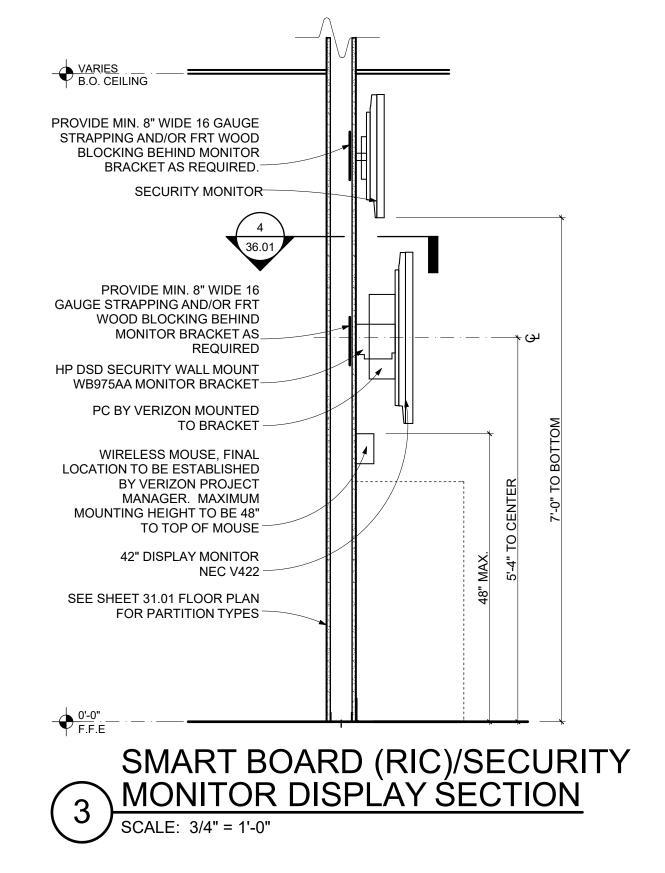
DOOR PER PLAN

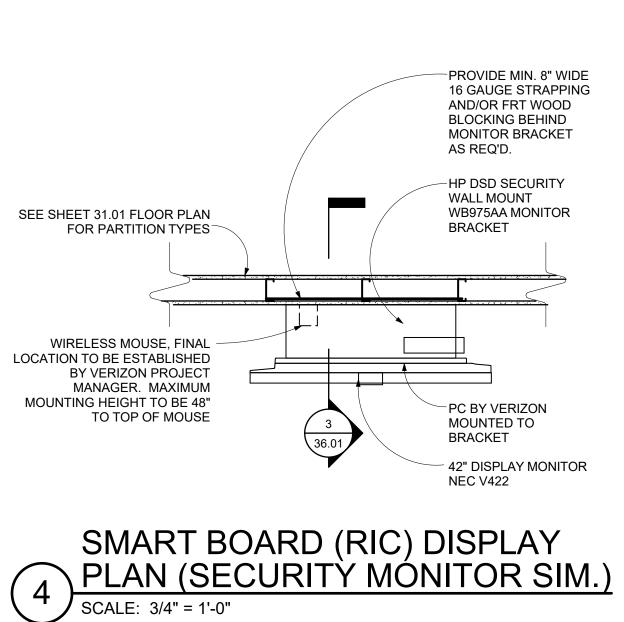
EXISTING VINYL TILE

AEU80. LOCATE UNDER HM

THRESHOLD SCHLUTER "RENO-U"







CITY STUDIO
ARCHITECT

MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

MEP ENGINEER

**GENERAL NOTES** 

CONSTRUCTION.

THIS SHEET ONLY

1. SEE SHEET 31.03 FOR FINISHES.

2. PROVIDE IN WALL BLOCKING FOR CABINETS. SEE

3. COORDINATE STRAPPING/BLOCKING INSTALL WITH

4. FOR ALL WALL TYPES THAT CONTINUE TO EXISTING

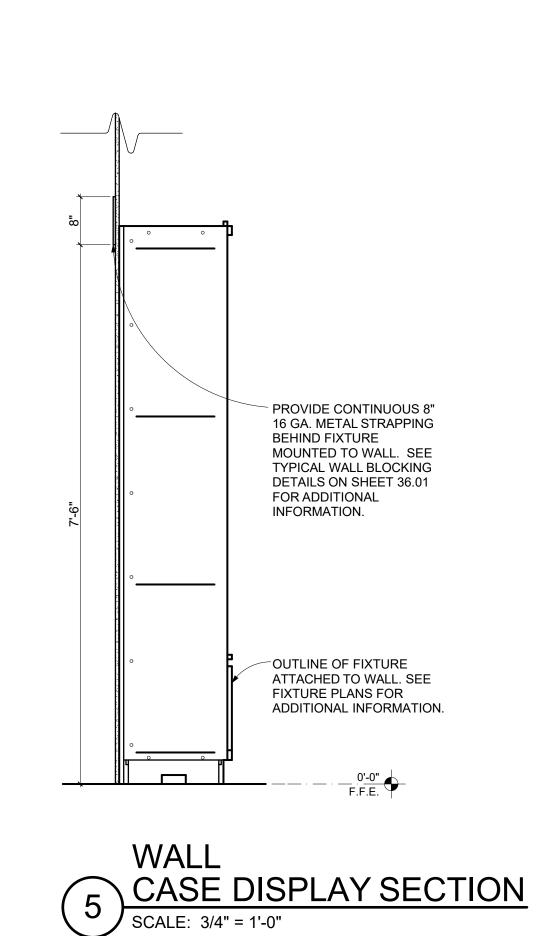
STRUCTURE ABOVE - SEE TYPICAL PARTITION

DEMOLITION AND OTHER TRADES PRIOR TO

SHEET 36.01 FOR TYPICAL BLOCKING.

CONNECTIONS ON SHEET 36.01.

**Telegent Engineering, Inc.** 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816



BOTTOM OF EXISTING STRUCTURE

PROVIDE SLIDE CLIP AT EACH STUD,

- 3-5/8" OR 6" x 20 ga. TRACK

OR EQUAL, ATTACH PER

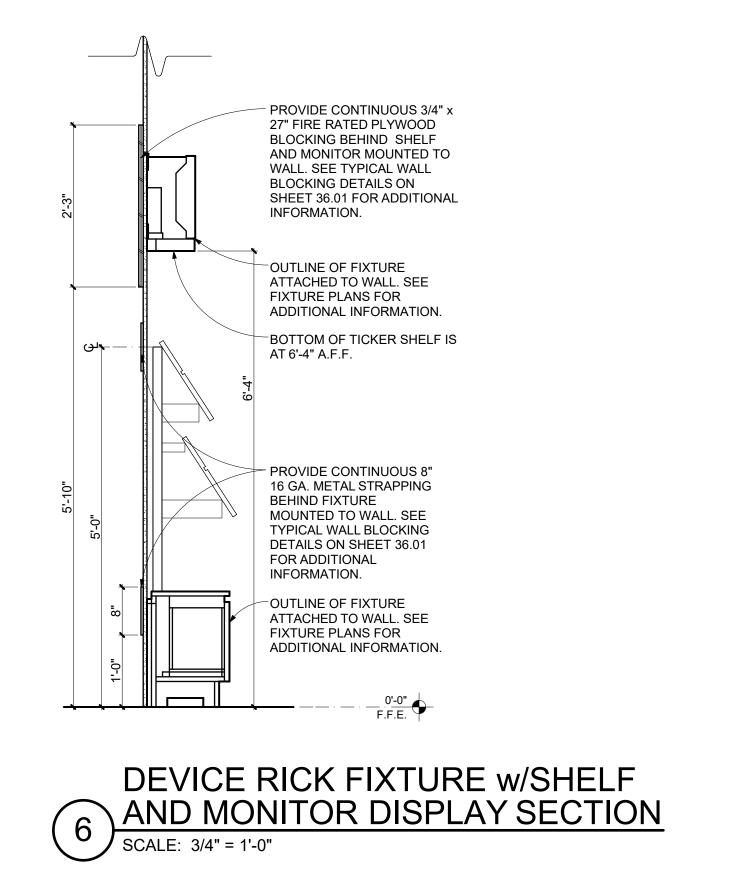
NOTE: USE THIS DETAIL FOR ALL

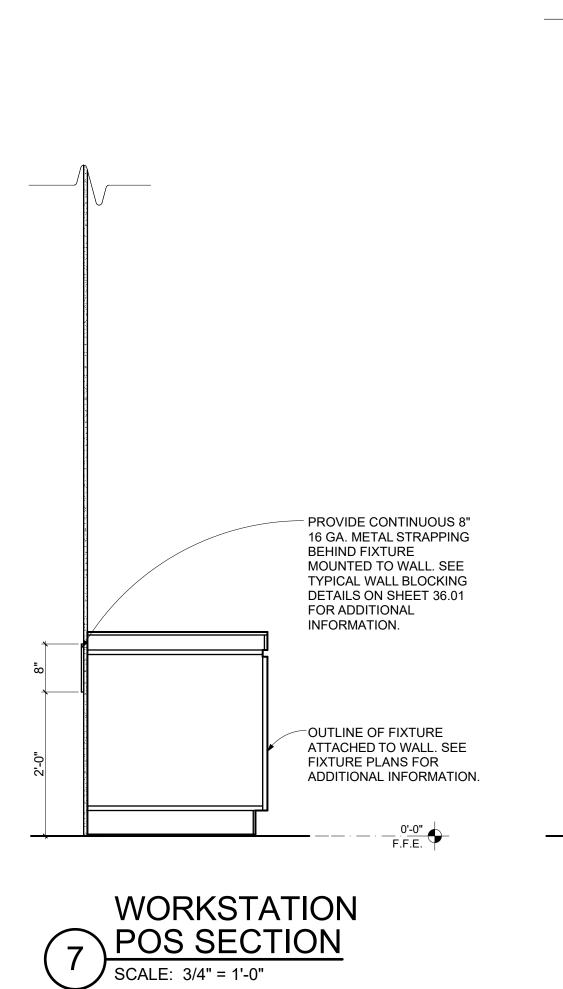
WALLS THAT CONTINUE TO

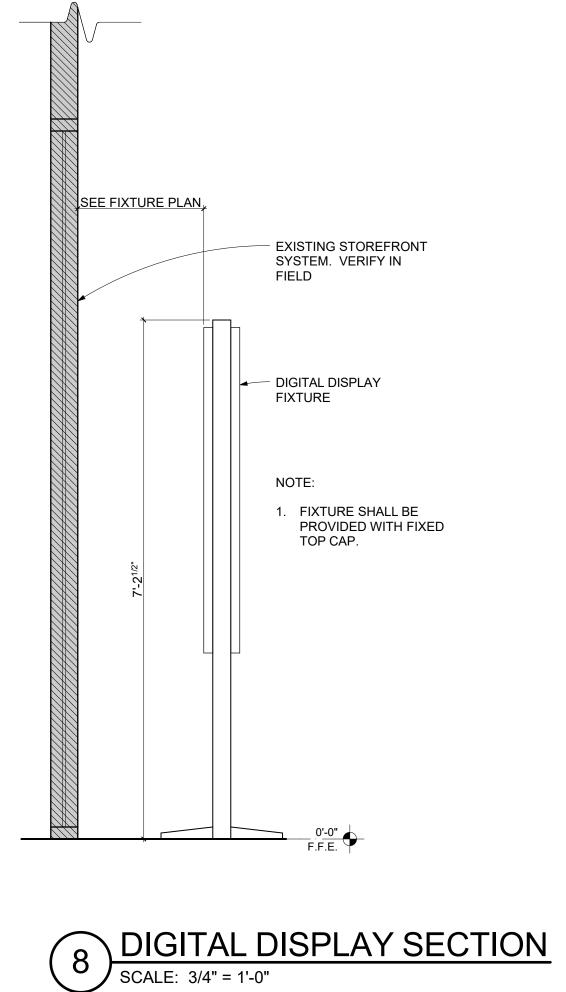
EXISTING STRUCTURE ABOVE.

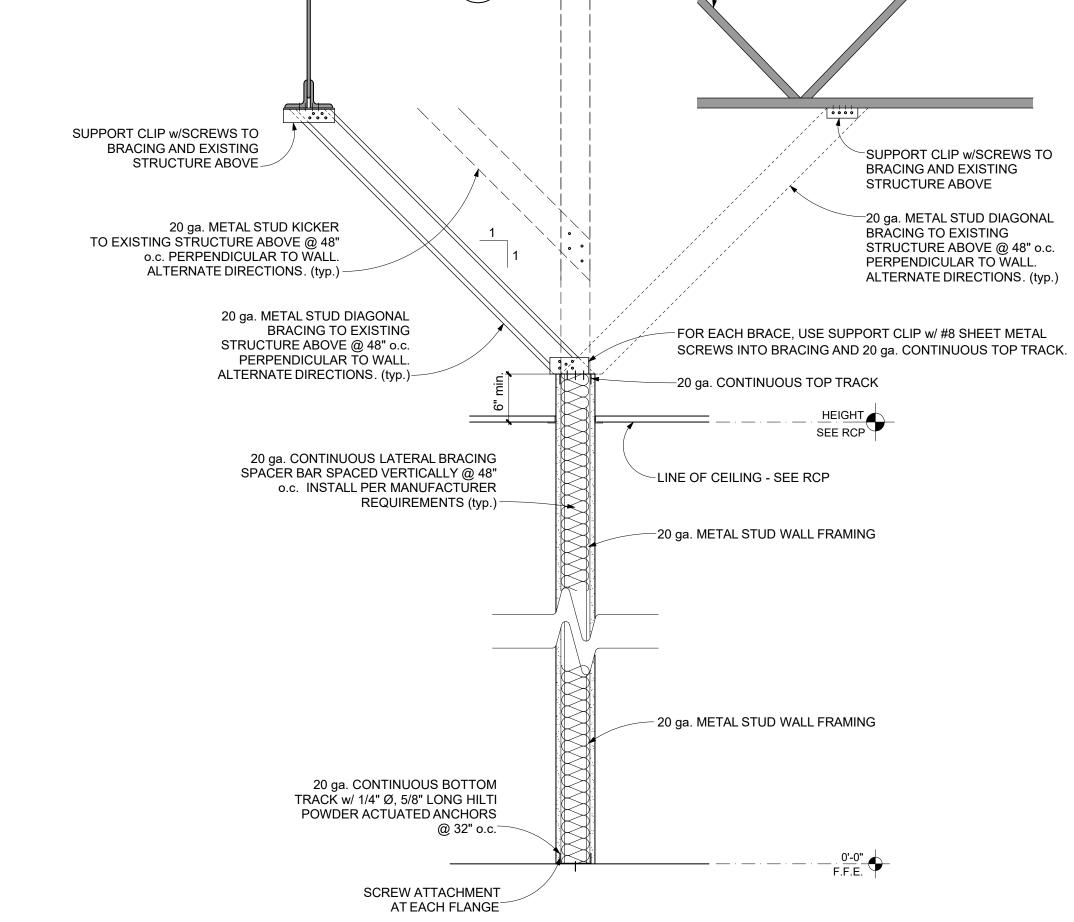
MANUFACTURERS

RECOMMENDATION









9 TYPICAL PARTITION CONNECTIONS
SCALE: 1" = 1'-0"

STAMP

EXISTING STRUCTURE (typ.)

CLIENT/OWNER

Verizon

James Baxter

Alpharetta, Georgia 30004
PROJECT NAME

One Verizon Place

2B1-FAC

# Verizon√

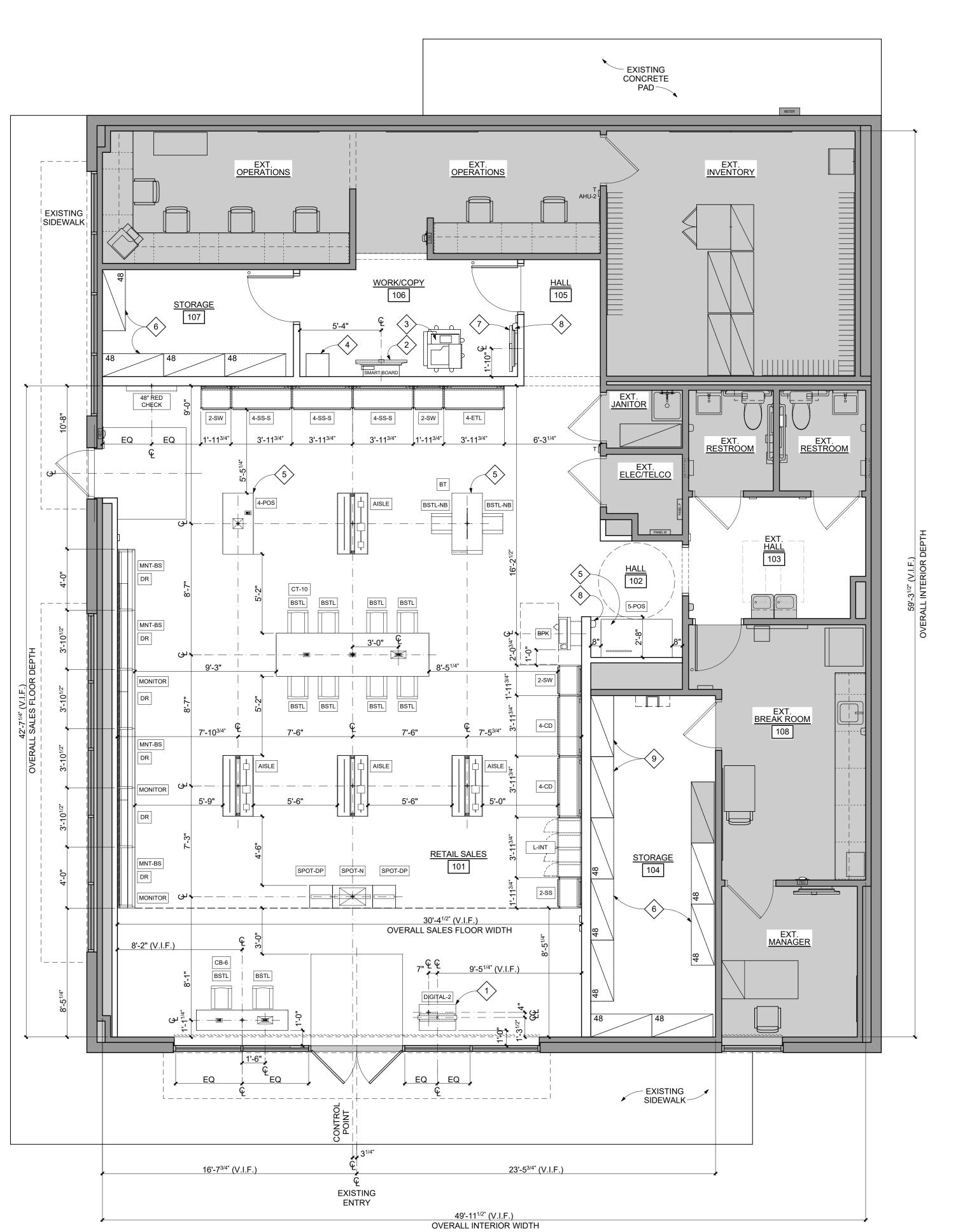
Lake City NextGen Refresh 2750 W US Hwy. 90

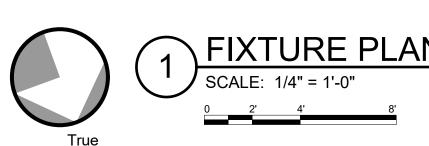
PROJECT NU	JMBER	17
DRAWN BY		
ISSUED DAT	E	12
		+
		+
NO.	REVISION	

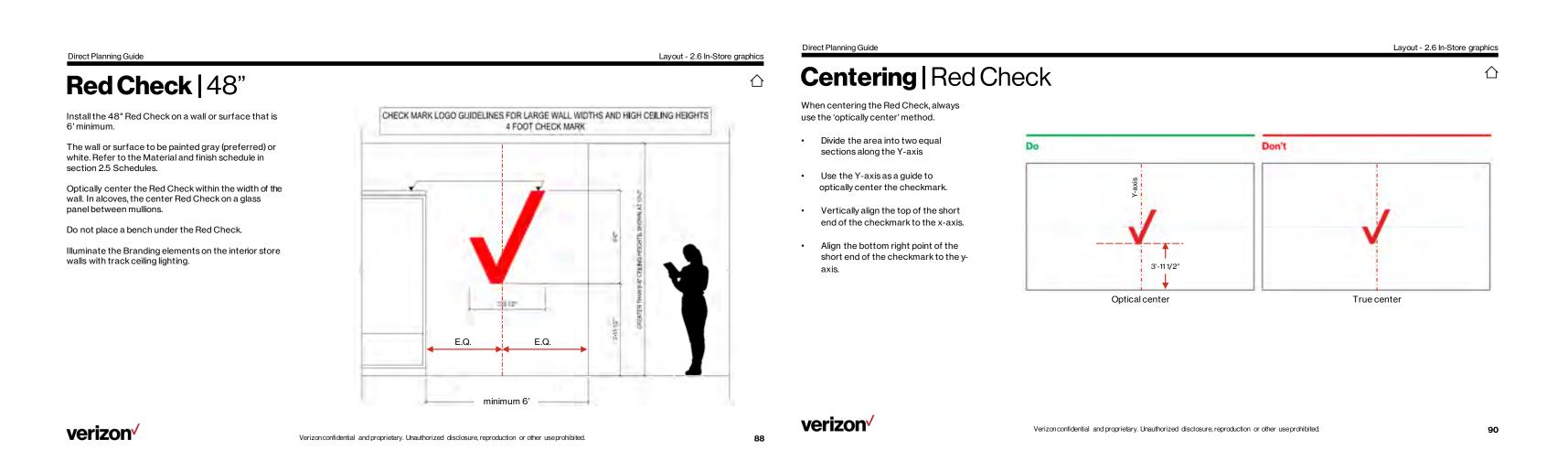
Fixture Sections, Casework & Details

SHEET NUMBER

36.01







#### VERIZON STANDARD FURNITURE AND EQUIPMENT SCHEDULE

NAME Drawing Location # PHOTO QTY SOURCE / MFR. TITEM No. / MODEL PROVIDED BY BY Overzon GC Verizon GC

NAME	Drawing Location #	РНОТО	QTY	SOURCE / MFR.	ITEM No. / MODEL	PROVIDED BY Verizon	PROVIDED BY GC	INSTALLED BY Verizon	INSTALLED BY GC	DETAIL
COPIER - Floor	B02	-	1	RICOH	MPc3004 - 26.3"Wx29.1"Dx47.5"H	х		х		VERIZON EUS TEAM PROVIDES AND INSTALLS THIS ITEM
COPIER - Desktop	B03	**	1	RICOH	Ricoh IM C300	х		×		VERIZON EUS TEAM PROVIDES AND INSTALLS THIS ITEM 19.6" x 22.1"
			·							(WxHxD), ALLOW 25" W x 25" H x 28" D FOR PROPER CLEARANCE FOR NEW STORES, VERIZON EUS PROVIDES, CONSTRUCTION GC TO
BILL PAYMENT KIOSK	ВРК		VERIFYQTY	EUS/IT		х		x		UNIT(S) TO FLOOR. FOR STORE RENOVATIONS, EUS TO RELOCATE TO LOCATION SHOV RDC APPROVED FLOOR PLAN.
RECORD DRAWING TUBE	D TUBE		1	Varies			х		x	2'-3" LONG x 4" DIA. RECORD DRAWING TUBE. LOCATED IN TELCO RC MOUNTED HORIZONTALLY ON WALL, LEVEL/PLUMB, VERIFY PLACEM WITH VERIZON CPM.
LOCKERS - Employee (1x6)	EQ011		VERIFY W/ VERIZON CPM	GRAINGER	Item No.1RZW3 Mfr. Model # BK5-121512		х		х	BOX LOCKER, ASSEMBLED (3) PERSON - COLOR: GRAY - 12"X15"X66 OVERALL DIMENSIONS, 9.625W"x10.625"Hx12.875D" OPENING DIMENS
										(1) PER EMPLOYEE WHEN POSSIBLE; GC TO SECURE TO WALL.  QUARTET 4'X3' PRESTIGE EMBOSSED FOAM BULLETIN BOARD - MAN
BULLETIN BOARD - SMALL	EQ020	2	1	GRAINGER	Item No. 1YXH3		х		×	OFFICE - BLACK WITH GRAY TRIM FRAME
BULLETIN BOARD - LARGE	EQ021	E	2	GRAINGER	Item No. 1YXH2		х		x	QUARTET 6'X4' PRESTIGE EMBOSSED FOAM BULLETIN BOARD - BLAI WITH GRAY TRIM FRAME
		100								
BULLETIN BOARD -Small store option	EQ022		1	GRAINGER	Grainger will source as needed there is no Grainger number now.					
BULLETIN BOARD - Locking	EQ030		1	GRAINGER	Item No. 6LUV0		х		х	ENCLOSED BULLETIN BOARD, CORK, 24"x18", PAINT CORK TO MATCI IF LOCAL CODES REQUIRE THAT THIS BE LOCATED ON THE SALES F
										ACCUFORM CLEAR PLASTIC DOCUMENT HOLDER - INCLUDE (1) PKG
SIGN HOLDER	EQ040	1	3	GRAINGER	Item No. 5YGE8		х		×	"3M" DOUBLE-SIDED PICTURE HANGING STRIPS (Item No. 5MVL7) FOR SIGN HOLDER - include for recycling cabinets only
RECYCLING BIN - BLUE	EQ050		VERIFY# W/ VERIZON CPM	GRAINGER	Item No. 2FTG5		х		x	SLIM JIM' - BLUE 22"L x 11"W x 30"H - 23 GALLON - FOR MIXED RECYCLING
RECYCLING LID	EQ050a	0	MATCH BIN # EQ050	GRAINGER	Item No. 6TUA3 (Blue)		х		х	RECYCLING LID - include in recycle bin description on drawings
	EQ051		VERIFY# W/	00444050			x		×	SLIM JIM' - GREEN 22"L x 11"W x 30"H - 23 GALLON - FOR CARDBOAR
RECYCLING BIN - GREEN	EQUST	·	VERIZON CPM	GRAINGER	Item No. 2FTG6		^		^	RECYCLING
RECYCLING LID	EQ051a	a	MATCH BIN EQ051	GRAINGER	Item No. 6TUA4 (Green)		х		х	RECYCLING LID - include in recycle bin description on drawings
REFUSE BIN - GRAY	EQ052	W	(1) PER TOILET IF SPACE ALLOWS	GRAINGER	Item No. 2FTG3		x		x	SLIM JIM' - GRAY 22"L x 11"W x 30"H - 23 GALLON - FOR TRASH IN TO ROOMS, USE EQ054 IF NEEDED.
REFUSE BIN - LID	EQ052a		MATCH BIN #	GRAINGER	Item No. 4PGU1		х		×	RECYCLING LID - include in refuse bin description on drawings
REFUSE BIN - LID	EQUUZA		EQ052	GRAINGER	Rem No. 4FGU1		^		^	RECTCLING LID - Include in Teluse bin description on drawings
SMALL BIN	EQ054		VERIFY# W/ VERIZON CPM	GRAINGER	Item No. 4PGU6		х		x	TOUGH GUY' - GRAY 20"L x 11"W x 24 7/8"H 15 7/8" GALLON {(1) IN EACH TOILET} - FOR SMALLER TOILET ROOMS
WASTE BASKET	EQ055		VERIFY# W/ VERIZON CPM	GRAINGER	Item No. 5W001		х		×	7 GAL. RECTANGULAR WASTE BASKET, 15" H.
SALT EQUIPMENT	EQ060	Of Con	1	GRAINGER	Item No. 2ERY4 / 2RVX5 / 4W973					Structural Web Bulk Storage Bin, White, 50 pound capacity, exclude this ite
										Florida locations.
SNOW SHOVEL	EQ061	, min	1	GRAINGER	Item No. 4W604					Snow shovel, steel blade material, 18" blade width, 14 1/2" blade height.
FLOOR SCRUBBER	EQ062		1		TTB516	х		x		ORDERED BY VERIZON FACILITIES IN SELECT MARKETS, VERIFY W/VERIZON CPM.
SMOKER'S URN/CIGARETTE RECPT	EQ063		1	GRAINGER	Item No. 3VPX2, Mfr. Model # FGSO8SU20PLBK		х		x	9 GAL. HALF-ROUND ASH TOP/FRONT OPENING DECORATIVE ASH/TI CAN CAN, 32"H, BLACK.
		[4]		LARSEN'S	MTF. Model # FGSO8SU2UPLBK					CAMEO SERIES MODEL, CLEAR BUBBLE IN BLACK LETTERS; S.S. SAT
FIRE EXTINGUISHER CABINET	EQ070	36	3	MANUFACT URING CO.	C2409-R		Х		×	FINISH; MOUNT 48" AFF TO CENTER OF CABINET OPERATING HANDL TO VERIFY FINAL LOCATIONS AND QUANTITIES W/LOCAL FIRE MARS
FIRE EXTINGUISHER CABINET	EQ071		3	LARSEN'S MANUFACT URING CO.	MP-10		х		x	MULTI-PURPOSE DRY CHEMICAL EXTINGUISHER, "These units contain specially fluidized and siliconized mono ammonium phosphate powder which smothers and breaks the chain reaction on Class B fires, tuses and insulate A fires, and, as a non-conductor of electricity, is effective on Class C fires."
DESK TASK LAMP	EQ080		Verify#	GRAINGER	Item: 33HP81 Mfr. Model # 33HP81		x		x	A fires, and, as a non-conductor or electricity, is effective on Class C fires.*  Gooseneck Task Light, LED, 23" arm length, 530 lm Lumens, Lamp included
KEABOY55			VERIFY W/	CD***	Item No. 22W780					
KEYBOARD PLATFORM	EQ081		VERIFY W/ VERIZON CPM	GRAINGER	Item No. 22W780 Mfr. Model # 8017901		х		х	Fellowes Keyboard Tray, 1/2" x 11 1/2" x 21"; COLOR - BLACK.
SHREDDING BIN	EQ120	1	1	IRON MOUNTAIN	JUNIOR - 20"W x 19.5"D x 26"H	x		х		VERIZON FACILITIES TEAM PROVIDES AND INSTALLS THIS ITEM
REFRIGERATOR	EQ210		1	Varies	Models Vary Color = Black Size to fit space = 17 - 22 cu ft		х		x	APPROVED ALTERNATES ACCEPTED, MUST MEET THE FOLLOWING REQUIREMENTS: SOURCED LOCALLY, A CAPACITY OF AT LEAST 21 FEET, BLACK, TOP FREEZER, ICE MAKER COMPATIBLE, REVERSABLE HINGES, ENERGY STAR CERTIFIED. ADA COMPLIANT. OPTION FOR L
MICROWAVE	EQ220			GRANIO-	Item No. 40GR47		x			HINGES, ENERGY STAR CERTIFIED, ADA COMPLIANT. OPTION FOR L  APPROVED ALTERNATES ACCEPTED, MUST MEET THE FOLLOWING REQUIREMENTS: BLACK, CAPACITY OF AT LEAST 0.90 CU. FT. OPTIC
MICROWAVE	EQ/220		1	GRAINGER	UNSPSC # 52141502		*		x	REQUIREMENTS: BLACK, CAPACITY OF AT LEAST 0.90 CU. FT. OPTIC LARGER STORES.
COFFEE MAKER	EQ230	0000	1	Keurig Commercial	Keurig K-1500 w/ 4-Sleeve K-Cup Pod Storage Rack & 4 Boxes K- Cup Starter Bundle		х		x	Keurig K-1500 Commercial Coffee Maker with 4 Boxes K-Cup Pods Starter https://commercial.keurig.com/b/Keurig-K-1500-Commercial-Coffee-Maker-4 starter-bundle
PAPER TOWEL DISPENSER	EQ240	By	1	GRAINGER	Item No. 12V373 Mfg. Model # 52720		х		х	GEORGIA-PACIFIC, CHROME, PERFORATED ROLL TOWEL DISPENSE! MOUNT UNDER UPPER MILLWORK
		sector comp			-					BUDDY PRODUCTS 6 HOOK WALL COAT RACK, 36" W x 7 5/8" T, ONE
COAT RACK	EQ241		2	GRAINGER	Item No. 45NG76		Х		x	A.F.F AND ONE AT +48" A.F.F.
FIRST AID CABINET - Full	EQ242		1	GRAINGER	Item No. 58MN91 VERIZON CUSTOM KIT		х		×	MEDIQUE, METAL, WHITE FIRST AID CABINET. MOUNT LATCH OF CAI AT +48" A.F.F. Grainger to ship with supplies on 1st order
WATER FILTRATION - Quench	EQ250		1	QUENCH	Q5CT (COUNTER) or Q5FS (FLOOR)	х		х		VERIZON FACILITIES PROVIDES, QUENCH SENDS UNIT OUT W/ INSTA (QSCT = 17.9"H x 11.6"W x 17.5"D)
		a.	COVER ALL	KC-						(QSFS = 49.8" H x 11.6"w X 16.5" D)  VERIFY ORDERING AND INSTALLING PREFRENCE WITH CPM, PROCE
INVENTORY SLATWALL	EQ311		INVENTORY WALLS UP TO 9'-0" A.F.F	STOREFIXT URES	01121 W/ 01403 ALUMINUM INSERTS	х	х	×	×	VARIES. 8W x 4H GRAY MELAMINE SLATWALL W/ ALUMINUM INSERTS. SLATW FROM FINISHED FLOOR TO 24" BELOW FINISHED CEILING. VERIFY CI
12" INVENTORY SLATWALL SHELF	EQ312		VERIFY7# W/ VERIZON OPS	KC- STOREFIXT URES	Item #62162	х			×	12" x 48" WHITE MELAMINE SHELF; VERIFY COUNT AND ARRANGEMENT WITH LOCAL VERIZON OPERATIONS TEAM.
14" INVENTORY SLATWALL SHELF	EQ313		VERIFY7# W/	KC- STOREFIXT	Item #62174	x			x	14" x 48" WHITE MELAMINE SHELF; VERIFY COUNT AND ARRANGEME WITH LOCAL VERIZON OPERATIONS TEAM.
		Will come	VERIZON OPS	URES KC-						WITH LOCAL VERIZON OPERATIONS TEAM.
SHELF BRACKET - 12" CHROME	EQ314		MATCH # OF SHELVES	STOREFIXT URES	Item #01703		х		х	
SHELF BRACKET - 14" CHROME	EQ315	0	MATCH # OF SHELVES	KC- STOREFIXT URES	Item #01704		х		x	
SLAT WALL S-HOOKS	EQ316		5 BOXES OF 100	KC- STOREFIXT	Item #01847		х		х	10" HEAVY DUTY CHROME HOOKS; VERY ARRANGEMENT WITH LOCA VERIZON OPERATIONS TEAM.
	EQ318	To the same of the		URES			x		×	TO BE INSTALLED IN INVENTORY ROOM FOR FULL SIZE STORES; CA
LOCKBOX - Keys	EUSIO		1	GRAINGER	Item No. 5KDJ7  Verify structure for weight load					LOCATED IN OTHER ROOMS IN SMALL STORES AS NEEDED.
Device Safe - INVENTORY RM ONLY	EQ320	***	1	ROLLAND	with Architect of Record Model = B180 Size = 72"H x 35"W x 26.75"D	x		x		ROLLAND B-180. Provided and Installed by Verizon. To order, Verizon rep t contact safeorders@rollandsolutions.com. If experiencing issues please cal 225-2984. Add duplex receptacle for power and add a data at +18" A.F.F.
					Weight = 825 lbs					Exterior: 30"H x 20"W x 20"D; Weight: 290 lbs. ONLY FOR USE IN SMALLER STORES WHEN THERE ISN'T ANY SPACE
SAFE - CASH (For stores with inventory rooms too small for primary option, use by permission from Verizon onlye)	EQ321		1	CENNOX (formerly FIRE KING)	MB3020-SR4MKSR4	х		×		THE LARGER, PREFERRED CASH SAFE. ORDERED BY VERIZON CPM. INSTILLED BY VERIZON CPM PREFERRED INSTALLER; INSTALL IN MANAGER'S OFFICE ONLY.
Tailon only o		-								KEY PAD MODEL UPDATED FROM LG6-LG6MK TO SR44 PER CORPOR SECURITY ADDENDUM #7 RELEASED ON 10/19/20. Exterior: 42"H x 25"W x 18"D; Weight: ### lbs.
SAFE - CASH (Preferred cash safe for Inventory)	EQ322		1	CENNOX (formerly FIRE KING)	B4225DMSR4SR4MK	x		x		ORDERED BY VERIZON CPM; INSTALLED BY VERIZON CPM PREFERSINSTALLER. TO BE INSTILLED IN INVENTORY ONLY. KEY PAD MODEL UPDATED FROM LGG-LGGMK TO SR44 PER CORPOI
PHONE CHARGING STATION	EQ331	200000	VERIFY QTY	CISCO	UNIFIED WIRELESS IP PHONE	x		×		SECURITY ADDENDUM #7 RELEASED ON 10/19/20.
THORE STRAIGHT GTATION		6			7925G MULTICHARGER					
TABLET CHARGING STATION	EQ355	£10	VERIFY QTY	EUS/IT	Provided by EUS / IT	х			x	VERIZON IT PROVIDES AND CONSTRUCTS; G.C. INSTALLS RACK
SHELF - JANITORIAL - 36" W	EQ410		VERIFY#	GRAINGER	Item No. 2HGD3 Mgr. Model # 2HGD3		х		x	WALL MOUNTED WIRE SHELVING, 250 LB CAPACITY, CHROME PLATE SHELVES - GC TO SECURE TO WALL18"D x 36"W x 14" H
SHELF - JANITORIAL - 48"W	EQ411	H	VERIFY#	GRAINGER	item No. 5GPK1 Mfg. Model #5GPK1		х		х	FREESTANDING STEEL WIRE SHELVING, 300 LB CAPACITY, CHROME PLATED, (5) SHELVES - GC TO SECURE TO WALL- 18"D x 48"W x 74" H
	EQ412		VERIFY#				×		×	IN LARGE STORES)  HEAVY DUTY STORAGE CABINET - 48" x 24" x 78", Unassembled, Gray, 1
SHELF - STORAGE - 48"W	EQ412		VERIFT#	Uline	Model #H-1871GR		^			door, adjustable shelves
LADDER HANGER	EQ420	LC	2	GRAINGER	Item No. 4ERW4 Mfg. Model # 4ERW4		х		х	HEAVY DUTY DOUBLE-ARM FOAM-PADDED STEEL HOOK - MTD. IN JANITOR'S CLOSET - bottom at @ 8'-6" AFF
LADDER - 8'	EQ421	A	1	GRAINGER	Item # - 6YG81 Mfg. Model # T6208		х		x	8 ft. FIBERGLASS LADDER W/ 300Ib. MAX LOAD CAPACITY; G.C. TO HA LADDER IN JANITOR'S CLOSET (LOCATE WHERE NEEDED IN SMALLE STORES)
LADDER - 6'	EQ422	A	1	GRAINGER	Item # - 6YG80		х		x	6 ft. FIBERGLASS LADDER W/ 300lb. MAX LOAD CAPACITY; G.C. TO HA
		- 64			Mfg. Model # T6206					LADDER IN JANITOR'S CLOSET (NOT REQUIRED IN SMALLER STORES 3 STEP FOLDING SAFETY STOOL W/ HANDRAIL, 44" TALL; 300 LB CAP
STEPLADDER	EQ423	A	1	GRAINGER	Mfg. Model # 11903		Х		×	LOCATED IN INVENTORY ROOM
MOP RACK	EQ430	10 10 10 10	1	GRAINGER	Item No. 22N326 Mfg. Model # 22N326		х		×	TOUGH GUY MOP & BROOM HOLDER - MOUNTED ABOVE MOP SINK AFF
MOP BASIN	EQ431	9	1	GRAINGER	Item No. 1RLN4		×		×	SERVICE BASIN - 24" x 24"; MOLDERD TYPE, MUSTEE
	EQ432	1	1	GRAINGER			×		*	SERVICE BASIN FAUCET - CHICAGO FAUCETS, VACUUM BREAKER. SE
MOP BASIN FAUCET	EQ432	TA.	'	GRAINGER	Item No. 2P954		-		*	PLUMBING DRAWINGS FOR MORE DETAILS.
SEMI-RECESSED HAND DRYER	EQ811		(1) PER TOILET	GRAINGER	Item No. 395P76		х		х	XLERATOR' HAND DRYER BRUSHED S.S. ( <u>TO BE INSTALLED W/ RECE</u> <u>KIT</u> ) - MTD. ON WALL W/ BOTTOM AT 44" AFF WITH NOISE REDUCTION NOZZLE AND HEPA FILTER.
GRAB BAR (36)	EQ820		(1) PER # OF WATER CLOSET	GRAINGER	Item No. 6RGG7		х		x	36" STRAIGHT GRAB BAR FOR BACK WALL - REFER TO TOILET ROOM ELEVATIONS FOR PLACEMENT
GRAB BAR (42)	EQ821		(1) PER # OF WATER	GRAINGER	Item No. 6RGG8		x		×	42" STRAIGHT GRAB BAR FOR SIDE - REFER TO TOILET ROOM ELEV/
			CLOSET (1) PER # OF							FOR PLACEMENT
GRAB BAR (18)	EQ822		WATER CLOSET	GRAINGER	Item No. 6RGG5		Х		×	18" STRAIGHT GRAB BAR FOR SIDE VERTICAL - REFER TO TOILET RO ELEVATIONS FOR PLACEMENT
HOOK-HANGER - DOOR	EQ823	16	(1) PER TOILET DOOR	GRAINGER	4WMK9		х		x	USE FOR STANDARD TOILET ROOM DOORS
HOOK-HANGER - DOOR	EQ824	10	(1) PER STALL DOOR	GRAINGER	2EHL1		х		х	USE FOR STALL DOORS
	F0000		(1) PER WATER							
TOILET PAPER DISPENSER	EQ830		CLOSET (1) PER	GRAINGER	Item No. 4YRE4		х		x	REFER TO TOILET ROOM ELEVATIONS FOR PLACEMENT
SANITARY NAPKIN RECEPTACLE	EQ833	-	WOMEN'S WATER CLOSET.	GRAINGER	Item No. 1ECK9		х		x	WALL MOUNTED WASTE RECEPTACLE - REFER TO TOILET ROOM ELEVATIONS FOR PLACEMENT
MIRROR	EQ840		(1) PER TOILET	GRAINGER	Item No. 14C575		х		x	KETCHAM 24" x 36" MIRROR W/ STAINLESS STEEL FRAME; CENTER / LAVATORY.
TOILET SEAT COVERS	EQ841		(1) PER TOILET	GRAINGER	Item No. 1ECK2		x		x	TOUGH GUY TOILET SEAT COVER DISPENSER
TOILET SEAT COVERS	Luovi	(C)	(I) FER TOLET	GIOWIGEN	Rem No. 1ECK2					GOJO FMX-20, 1200 mL - DOVE GRAY - 5206-06. Order via Grainger.cc
HAND SOAP DISPENSER	EQ850		(1) PER TOILET	GRAINGER	item No. 15E821 Mfg. Model # 1919-04		х		×	CONTACT GLEN CRONKRITE (979-224-4056), glendon.cronkrite@VZW.c
HAND SOAP	EQ851		(1) PER SOAP DISPENSER	GRAINGER	Item No. 15E819 Mfr. Model # 1911-02		х		×	GoJo Hand Soap; 1,200 mL size, Moisturizing, Unscented, 2 PK
HAND SANITIZER	EQ852		VERIFY # W/ VERIZON CPM	Verizon	Model No. TZ-HSD-WMBKDTNPC	x			×	KGP COMPANY HAND SANITIZER DISPENSSER
	50004	56			Meets Local and State Codes					
RESTROOM SIGNAGE - UNISEX	EQ881c	TI BE	(1) PER TOILET	GRAINGER	Item No. #483U10 Mfg. Model No. #483U10		×		×	(PICTO WITH BRAILLE) 9"H x 6"W (FLAT) - COLOR: BLACKWHITE  SAFETY SIGN "MI IST BE KEPT CLEAR" 7" H x 5" W ISNTALL ON THE
ELECTRICAL PANEL CLEARANCE SIGN	EQ882		1	GRAINGER	Item: 35JW93		×		×	SAFETY SIGN, "MUST BE KEPT CLEAR", 7" H x 5" W. ISNTALL ON THE OUTSIDE FACE OF THE ELECTRICAL PANEL DOOR, CENTER LEFT TO RIGHT, TOP TO BOTTOM WITH PANEL DOOR.
MAILBOX	EQ883	P.	1	MAILBOXES. COM	SALSBURY MAIL CHEST SILVER Model # 4350SLV	х			x	SALSBURY 4300 SERIES MAIL CHEST, COLOR IS SILVER, FRONT AND ACCESS. ODERED BY VERIZON CPM AND INSTALLED BY GC. GC TO CONFIRM MAILBOX LOCATION W/ VERIZON CPM PRIOR TO INSTALLA'
Chair - Stackable armless	FN010	<b>A</b>	VERIFY QTY	Continental	Model # 4350SLV 90 SB-BK-CG	x		×		CONFIRM MAILBOX LOCATION W/ VERIZON CPM PRIOR TO INSTALLATION On Call, Side Chair, Armless. Color:Black
- aurabre driniess	. 14010	M-	VENIET QTY	_onurrental	JJ JB-DR-UG	^				On Call, Side Chair, Armless. Color :Black  Wit Task, Midback, Mesh Back.
Chair - Task Mesh Back	FN011	業	VERIFY QTY	Continental	2222.B1.T.A128	х		х		Wit Task, Midback, Mesh Back, Swivel Tilt, Height Adj Arms. Color: Black
Chair - Task Stool	FN012		VERIFY QTY	Continental	40B.A15S1	x	_	×		TR2, Stool, Basic Task Cntrl, A15 Adj Arm. Color: Black
2200			QIY	reft(8)						Color: Black
Chairs	FN013	*	VERIFY QTY	Staples	ltem #505486 HON ComforTask Task/Computer Chair	×		x		Fabric, Black, Seat: 20"W x 16 3/4"D, Back: 16 1/4"W x 18 1/2"- 21"H
Chairs - Sit/Stand	FN014	T	VERIFY QTY	Summit Ergo	Item #1-MVU-10	x		х		Muv-Man Sit to Stand Stool: Lift Range 19"-32", 21" Seat Cushion,
		1	AS SHOWN ON	Grainger /						Black Frame and Seat,300lb Weight Capacity
WORK TABLE - ADJUSTABLE	FN216	<b>*</b>	AS SHOWN ON FLOOR PLAN	Grainger / Continental	41419 See Continental Order From	х		x		GREY MATRIX TOP W/ SILVER BASE (2-4 WEEK LEAD TIME)
TABLE - BREAK ROOM (Round)	FN217	I	VERIFY QTY	Continental	for Model 36" / 42" / 48" table; Laminate:					
		l	1		Designer White; Edge: Designer White; Base:			I		1
1					Black See Continental Order From					
TABLE - BREAK ROOM (Rectangle)	FN218	7	VERIFY QTY	Continental	See Continental Order From for Model 36" / 42" table; Laminate:					
TABLE - BREAK ROOM (Rectangle)	FN218	7	VERIFY QTY	Continental	See Continental Order From for Model					
TABLE - BREAK ROOM (Rectangle)  TABLE - BREAK ROOM (Oblong)	FN218	7	VERIFY QTY	Continental	See Continental Order From for Model 36" / 42" table; Laminate: Designer White; Edge: Designer White; Base: Blank See Continental Order From for Model 24" x 36" / 24" x 60" Top,					
		7			See Continental Order From for Model 36" / 42" table; Laminate: Designer White; Edge: Designer White; Base: Blank See Continental Order From for Model					

Rectangular Desk Shell - 60W x 30D x 29-1/2H. Includes (2) Hanging Bo Pedestals. Laminate Finish: American Mahogany

1. STORE MATRIX IS PROVIDED FOR GENERAL INFORMATION ONLY. THIS CHART DOES NOT RELIEVE THE CONTRACTOR'S RESPONSIBILITIES LISTED IN THE FINAL TENANT/OWNER WORK LETTER.

2. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH VERIZON VENDORS FOR SECURITY SYSTEM, SECURITY GRILLES, DATAITELCO, SIGNS, MILLWORK AND MERCHANDISING.

#### **GENERAL NOTES** THIS SHEET ONLY

- 1. VERIZON MUST COMPLY WITH ALL FEDERAL, STATE AND LOCAL ACCESSIBILITY REQUIREMENTS FOR ALL EMPLOYEES AND THE PUBLIC WITH RESPECT TO ALL FURNITURE,
- 2. ALL ANGLED FIXTURES POSITIONED AT 45° ANGLE FROM ORTHOGONAL UNLESS NOTED OTHERWISE.
- 4. PROVIDE CONTINUOUS 3/4" x 20" FIRE RATED PLYWOOD MONITOR MOUNTED TO WALL - SEE TYPICAL WALL BLOCKING DETAILS ON SHEET 36.01 FOR ADDITIONAL

- FIXTURES, DISPLAYS AND SIGNAGE WHICH THEY PROVIDE.
- 3. ALL DIMENSIONS ARE FINISH DIMENSIONS UNLESS NOTED OTHERWISE.
- BLOCKING WITH BOTTOM AT 70" A.F.F. BEHIND SHELF AND INFORMATION.
- 5. PROVIDE BLOCKING FOR WALL CASE FIXTURES SEE DETAILS ON SHEET 36.01 FOR ADDITIONAL INFORMATION.

- RELOCATED DIGITAL DISPLAY 12" FROM STOREFRONT/SILL
  - DROP, IF THERE IS ANY. DIGITAL DISPLAY (DOUBLE MONITOR). ZONE "COMMERCIAL". DISPLAY SIDE WHICH FACES EXTERIOR SHALL BE "DIGITAL" DISPLAY. DISPLAY SIDE WHICH FACES INTERIOR SALES AREA SHALL BE "DIGITAL" DISPLAY. FIXTURE SHALL BE PROVIDED WITH FIXED TOP CAP.
  - 2 RELOCATED SMART BOARD DISPLAY LCD MONITOR AND MONITOR BRACKET - CENTER @ 64" A.F.F. - SEE SHEET 36.01 & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.
  - (3) RELOCATED FLOOR COPIER.

KEYNOTES
THIS SHEET ONLY

- 4 RELOCATED SHREDDING BIN.
- 5 FAC (FLORIDA ACCESSIBILITY CODE) COMPLIANT POS STATION. COUNTER HEIGHT @ 34" A.F.F. (max.).
- FREESTANDING STEEL WIRE SHELVING 18"D x 48"W x 74"H -SECURE TO WALL (typ.).
- 7 WALL MOUNTED SECURITY/EMPLOYEE SAFETY MONITOR-BOTTOM @ 84" A.F.F. SEE SHEET 36.01 & ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION. REFER TO VERIZON PROJECT MANAGER.
- WALL MOUNT DISPENSER WITH DRIP TRAY (EQ852) (BLACK; FOR HAND SANITIZER). SUPPLIED BY VERIZON AND INSTALLED BY GC.
- 9 RELOCATED FREESTANDING STEEL WIRE SHELVING SECURE TO WALL.

DESIGNATION	DESCRIPTION	SIZE (L x W x H)	QUAN
BPK	BILL PAYKIOSK		1 - RE
MNT	MONITOR		3
MNT-BS	MONITOR BLADE SHELF	TOTAL WIDTH OF DEVICE RACKS	4
DR	DEVICE RACK	46.5" L x 13.75" W x 60.25" H	6
BSTL	BAR STOOL	17.75" L x 16" W x 35.25" H	10
BSTL-NB	BAR STOOL - NO BACK	17" L x 16" W x 23" H	2
SPOT - N	NARROW SPOTLIGHT FIXTURE	67.50" L x 18" W x 46.87" H	1
AISLE 4-POS	4FT AISLE FIXTURE 4FT POS	48" L x 24" W x 52" H 48" L x 24" W x 34" H	1
5-POS	POS IN BOH	56" L x 30" W x 34" H	1
PB-6	PARENTS BENCH 6FT	72" L x 18" W x 18" H	0
PB-4	PARENTS BENCH 4FT	48" L x 18" W x 18" H	0
CT-10	COLLABORATION TABLE 10FT	120" L x 34" W x 39" H	1
CT-8	COLLABORATION TABLE 8FT	96" L x 34" W x 39" H	0
CB-8	COLLABORATION BAR 8FT	96" L x 16" W x 39" H	0
CB-6	COLLABORATION BAR 6FT	72" L x 16" W x 39" H	1
EXP-LG	LARGE EXPERIENCE TABLE	96" L x 30" W x 39" H	0
EXP-BAR	EXPERIENCE BAR	96" L x 14" W x 34" H	0
ВТ	BUSINESS TABLE (WITH TOPPER)	48" L x 24" W x 34" H (37-3/4"H WITH TOPPER)	1
2-SS	2FT SHELF SET	23.75" L x 18.78" W x 93.75 H	1
2-SS-FS	2FT SHELF SET - FREE STANDING	23.75" L x 18.78" W x 93.75 H	0
2-SW	2FT SLAT WALL	23.75" L x 18.78" W x 93.75 H	3
2-SW-FS	2FT SLAT WALL - FREE STANDING	23.75" L x 18.78" W x 93.75 H	0
4-CD	4FT CASE DISPLAY	47.75" L x 18.78" W x 93.75 H	2
4-CD-FS 4-SW	4FT CASE DISPLAY - FREE STANDING	47.75" L x 18.78" W x 93.75 H 47.75" L x 18.78" W x 93.75 H	0
4-SW-FS	4FT SLAT WALL  4FT SLAT WALL - FREE STANDING	47.75 L x 18.78 W x 93.75 H	0
4-SS	4FT SHELF SET	47.75" L x 18.78" W x 93.75 H	0
4-SS-FS	4FT SHELF SET - FREE STANDING	47.75" L x 18.78" W x 93.75 H	0
4-SS-S	4FT SHELF SET w/SLOT	47.75" L x 18.78" W x 93.75 H	3
4-SS-S-FS	4FT SHELF SET w/SLOT - FREE STANDING	47.75" L x 18.78" W x 93.75 H	0
L-INT	4FT INTERIOR PICK-UP LOCKER	47.75" L x 18.78" W x 93.75 H	1
L-INT-FS	4FT INTERIOR PICK-UP LOCKER - FREE STANDING	47.75" L x 18.78" W x 93.75 H	0
L-247	HYBRID EXTERIOR PICK-UP LOCKER	50.854" L x 20.435" W x 95.875" H	0
4-ETL (5G HUB)	4FT ENTERTAINMENT UNIT LARGE	47.75" L x 18.78" W x 93.75 H	1
4-ETL-FS	4FT ENTERTAINMENT UNIT LARGE -	47.75" L x 18.78" W x 93.75 H	0
(5G HUB)	FREE STANDING	28-7/8" L x 6" W x 156" MAX. H	0
DIGITAL-1 DIGITAL-2	DIGITAL DISPLAY - SINGLE MONITOR  DIGITAL DISPLAY - DOUBLE MONITOR	28-7/8" L x 6" W x 156" MAX. H	1 - RE
24" RED CHECK	CHECKMARK LOGO - 24"	19-3/4" W x 24" H x 2" D	0
		(B.O. CHECK: 3'-11 1/2" A.F.F.)	
33.5" RED CHECK	CHECKMARK LOGO - 33.5"	27-9/16" W x 33.5" H x 3" D (B.O. CHECK: 3'-11 1/2" A.F.F.)	0
48" RED CHECK	CHECKMARK LOGO - 48"	39-17/32" W x 48" H x 4" D	1
		(B.O. CHECK: 3'-11 1/2" A.F.F.)	
BWF	BRAND WALL FRAME - STARTER	VARIES	0
BW	BRAND WALL (ATTACHED TO STORE WALL)	LENGTH VARIES PER FLOOR PLAN x 2" W x 93" H	0
BW-FS	FREE STANDING BRAND WALL	LENGTH VARIES PER FLOOR PLAN	0
		x 2" W x 95.5" H CABINETS ARE IN 2ET OR 4ET WIDE	
		SECTIONS & THESE ARE MOUNTED	
2×3 D/V/D/V/	BHOTO WALL	TO BACK	0
2x3 BWPW w/PLAQUE	PHOTO WALL - (2) PHOTO WIDE x (3) PHOTO HIGH	4'-0" W x 5'-0" H (PHOTO WALL) (B.O. PHOTO WALL: 2'-7" A.F.F.)	
		1'-10" W x 3'-3" H (PLAQUE) (T.O. PLAQUE = T.O. PHOTO WALL)	
3x3 BWPW	PHOTO WALL -	6'-0" W x 5'-0" H (PHOTO WALL)	0
w/PLAQUE	(3) PHOTO WIDE x (3) PHOTO HIGH	(B.O. PHOTO WALL: 2'-7" A.F.F.)	
		1'-10" W x 3'-3" H (PLAQUE) (T.O. PLAQUE = T.O. PHOTO WALL)	
4x3 BWPW	PHOTO WALL -	,	0
w/PLAQUE	(4) PHOTO WIDE x (3) PHOTO HIGH	8'-0" W x 5'-0" H (PHOTO WALL) (B.O. PHOTO WALL: 2'-7" A.F.F.)	
		1'-10" W x 3'-3" H (PLAQUE) (T.O. PLAQUE = T.O. PHOTO WALL)	
4x4 BWPW	PHOTO WALL -	,	0
w/PLAQUE	(4) PHOTO WIDE x (4) PHOTO HIGH	8'-0" W x 6'-8" H (PHOTO WALL) (B.O. PHOTO WALL: 2'-7" A.F.F.)	
		1'-10" W x 3'-3" H (PLAQUE) (T.O. PLAQUE: 7'-6 3/8")	
		(	

#### VERIZON STANDARD RESPONSIBILITY MATRIX

NAME	Drawing Location #	РНОТО	QTY	SOURCE / MFR.	ITEM No. / MODEL	PROVIDE D BY Verizon	PROVIDE D BY GC	INSTALLED BY Verizon	INSTALLED BY GC	DETAIL
PANIC HARDWARE AT ENTRANCE / EXIT DOORS						SECURITY VENDOR		SECURITY VENDOR		
DOOR HANDLES, LOCKSETS, AND SECURITY HARDWARE						SECURITY VENDOR		SECURITY VENDOR		
DOORS AND DOOR HARDWARE NOT LISTED BY SECURITY VENDOR							Х		Х	
CONDUIT FOR SECURITY, DATA, PHONE, ELECTRIC							х		Х	
1. STORE MATRIX IS PROVIDED FOR	R GENERAL II	NFORMATION ONLY. 1	HIS CHART DO	ES NOT RELIEVE T	HE CONTRACTOR'S RESPONSIBI	LITIES LISTE	D IN THE FI	NAL TENANT/	OWNER WORK	LETTE

2. GENERAL CONTRACTOR IS RESPONSIBLE TO COORDINATE WITH VERIZON VENDORS FOR SECURITY SYSTEM, SECURITY GRILLES, DATA/TELCO, SIGNS, MILLWORK AND MERCHANDISING.

**Permit Documents** 

# CITY STUDIO

TO FRONT OF BASE PLATE OF FIXTURE. TO BE PLACED CENTERED WITHIN GLASS PANEL, IF CONDITIONS PERMIT IT. ENSURE PROPER CLEARANCE FOR SECURITY SHUTTER ARCHITECT MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

> MEP ENGINEER Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

**CLIENT/OWNER** Verizon James Baxter One Verizon Place 2B1-FAC

PROJECT NAME

Alpharetta, Georgia 30004

# **Verizon** Lake City

NextGen Refresh 2750 W US Hwy. 90

Lake City, FL 32055

PROJECT	17759x15	
DRAWN B	Y	SK
ISSUED D	ATE	12/20/202
NO.	REVISION	DATE
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SHEET TITLE

Furniture, Fixture & Equip. Plan & Schedules

SHEET NUMBER

#### ELECTRICAL SPECIFICATIONS:

#### BASIC ELECTRICAL REQUIREMENTS

#### GENERAL REQUIREMENTS:

I. 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

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:

I. 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

?. 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 WEATHER, MOISTURE, AND PHYSICAL DAMAGE. 3. FURNISH ONLY MATERIAL AND EQUIPMENT THAT ARE LISTED, LABELED

CERTIFIED, OR ALL THREE, BY A NATIONALLY RECOGNIZED TESTING LABORATORY (NRTL), WHÉNEVER 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 NECA I (LATEST EDITION), STANDARD PRACTICES FOR GOOD WORKMANSHIP IN ELECTRICAL CONSTRUCTION".

I. 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

#### EQUIPMENT IDENTIFICATION:

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

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 ) 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. **MARRANTIES:** 

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

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 ) THE ENTIRE ELECTRICAL SYSTEM IS FREE FROM ALL SHORT CIRCUITS

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

AND UNWANTED OPEN CIRCUITS AND GROUNDS.

I. 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

FIRE-STOPPING THROUGH PENETRATIONS:

I. 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. SEÁLANTS 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

2. ACCEPTABLE MANUFACTURERS: 3M CORP RECTORSEAL SPECIFY TECHNOLOGY INC.

ANSI C80.6, UL 1242.

#### BASIC ELECTRICAL MATERIALS AND METHODS

UNITED STATES GYPSUM COMPANY.

# METALLIC CONDUIT AND TUBING; RACEWAYS

I. ELECTRICAL METALLIC TUBING, COUPLINGS AND FITTINGS (EMT): ANSI C80. UL 797. ONLY STEEL PRODUCTS ALLOWED. REDUCED WALL EMT IS NOT ALLOWED. 2. FLEXIBLE METAL CONDUIT (FMC): ZINC-COATED STEEL ONLY. ALUMINUM, ULI OR REDUCED WALL FMC ARE NOT ALLOWED. 3. INTERMEDIATE METAL CONDUIT (IMC): HOT-DIP GALVANIZED RIGID STEEL CONDUIT:

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, UL6.

6. PLASTIC COATED IMC, RMC, AND FITTINGS: NEMA RN I UL LISTED. 7. IMC AND RMC FITTINGS: NEMA FB I; COMPATIBLE WITH CONDUIT TYPE AND MATERIAL, UL LISTED.

#### RACEWAYS: NON-METALLIC CONDUIT AND TUBING:

I. 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

RACEMAY INSTALLATION; ABOVE GROUND USE:

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. RACEMAY INSTALLATION; UNDERGROUND USE:

I. 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

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 30 DEGREES, INCLUDINĠ THE 90 DEGREE ELBÓWS BELOW GRADE AND THE ENTIRE VERTICAL RISERS FOR TRANSITIONS FROM BELOW TO ABOVE GRADE OR ABOVE SLAB.

RACEMAY INSTALLATION; EQUIPMENT CONNECTIONS:

I. 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:

I. 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 ROD 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 (IF EMBEDDED) 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. '. INSTALL ALL PULL WIRE IN EACH EMPTY RACEWAY THAT IS LEFT FOR INSTALLATION OF CONDUCTORS OR CABLES UNDER OTHER DIVISIONS OR CONTRACTS. USE POLYPROPYLENE OR MONOFILAMENT PLASTIC LINE WITH NOT ESS THAN 200-LB TENSILE STRENGTH. LEAVE AT LEAST 24 INCHES OF SLACK AT

<u>CONDUCTORS AND CABLES; CONDUCTOR MATERIAL:</u>

I. ANNEALED (SOFT) COPPER COMPLYING WITH ICEA S-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 THHN/THWN-2 OR XHHW-2 COMPLYING WITH ICEA S-95-658/NEMA WC70. 3. SIZES OF CONDUCTORS AND CABLES INDICATED OR SPECIFIED ARE IN AMERICAN WIRE GAGE (AMG - BROWN AND SHARPE). 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 AMG 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 (I.E. CONDUCTORS AND OCPD) IS INDICATED ON THE DRAWINGS FOR A BRANCH CIRCUIT, PROVIDE THREE (3) NO. 12 AMG CONDUCTORS, IN ¾-INCH RACEWAY, AND A 20A CIRCUIT BREAKER.

8. CONTROL WIRING: STRANDED COPPER CONDUCTORS, 600Y 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 IO. 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. II. TYPE MC CABLE: 600V, UNJACKETED; ANSI EII9 AND E814, UL STANDARDS 44 OR 83 (AS APPLICABLE), AND 1569, NFPA 70 ARTICLE 330: ALUMINUM OR GALVANIZED STEEL INTERLOCKED ARMOR, THHN- OR XHHM-INSULATED CONDUCTORS; COLOR CODE: ICEA METHOD I, WITH GREEN INSULATED GROUNDING CONDUCTOR.

INSTALLATION OF CONDUCTORS AND CABLES:

I. 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. SPLICE OR 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:

DESIGNED FOR, PROPERLY SIZED FOR, AND UL 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 "PIGTAIL" AT THE BOX, TAPE THE ENDS OF THE CONDÚCTORS,

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 (I.E. 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. ) FOR UP TO EIGHT CONDUCTORS IN A RACEWAY, MINIMUM RACEWAY SIZE: 3/4-INCH. ) FOR GREATER THAN EIGHT CONDUCTORS, MINIMUM RACEWAY I-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 AMG. F.) ONLY 15A AND 20A BRANCH CIRCUIT HOMERUNS MAY BE COMBINED INTO ONE RACEWAY.

GFCI CIRCUITS:

a.) DO NOT USE MULTI-CONDUCTOR CIRCUITS, WITH A SHARED NEUTRAL, FOR ANY GFCI CIRCUIT BREAKER OR RECEPTACLE CIRCUIT MERGENCY POWER CIRCUITS - INCLUDES ALL CIRCUITS COVERED NDER ARTICLES 700, 701, AND 702:

a.) MAXIMUM OF EIGHT CONDUCTORS IN A SINGLE RACEWAY.
MINIMUM RACEWAY SIZE: 3/4 - INCH. o.) DO NOT INSTALL ANY OTHER TYPE OF CIRCUIT IN THIS RACEWAY C.) ONLY 15A AND 20A BRANCH CIRCUIT HOMERUNS MAY BE COMBINED INTO ONE RACEWAY.

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

. PROPERLY IDENTIFY ALL THERMAL BLOCKS AND WIRE TERMINALS FOR CONTROL WIRING WITH VINYL STICK - ON MARKERS OR EQUIVALENT. PROVIDE ENGINEER 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		ISOLATED GROUND
120/208\	BLACK	RED	BLUE	MHITE		GREEN W/ YELLOW STRIPE
277/48 <i>0</i> V	BROWN	ORANGE	YELLOW	MHITE	GRAY	N/A

USE OF MC CABLE MAY ONLY BE USED

I. IN LIEU OF FLEXIBLE CONDUIT AND WIRING FROM LIGHT FIXTURES IN ACCESSIBLE CEILINGS TO JUNCTION BOXES (ATTACHED TO BUILDING STRUCTURE) ABOVE THE CEILING. PROVIDE CABLE WHIPS OF SUFFICIENT LENGTHS TO ALLOW FOR RELOCATING EACH LIGHT FIXTURE WITHIN A 5 FOOT RADIUS OF ITS INSTALLED LOCATIONS, 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 10.

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:

PROVIDE JUNCTION BOXES, PULL BOXES, CABINETS AND WIREWAYS WHEREVER NECESSARY FOR PROPER INSTALLATION OF VARIOUS ELECTRICAL YSTEMS ACCORDING TO NFPA 70 AND WHERE INDICATED ON THE DRAWINGS SIZE AS REQUIRED FOR THE SPECIFIC FUNCTION OR AS REQUIRED BY NFPA 10 WHICHEVER IS LARGER. CONSTRUCTION SHALL BE OF A NEMA DESIGN SUITABLE FOR THE ENVIRONMENT INSTALLED.

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

CASES), HANDY BOXES OR 4-INCH SQUARE WITH TOPS OF BOXES NOT MORE THAN 3 1/2 INCHES ABOVE THE FLOOR. SIZE JUNCTION BOXES TO ADEQUATELY CONTAIN ALL REQUIRED CONDUCTORS AND SPLICES.

3. HORIZONTALLY MOUNT JUNCTION BOXES UNDER CENTER FIXTURES (AND

OUTLETS: NATIONAL ELECTRICAL, APPLETÓN, 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 HUGS AND WEATHERPROOF COVERS, IN ALL AREAS SUBJECT TO DAMP, WET OR HARSH CONDITIONS.

I. ALL OUTLETS INCLUDING LIGHT FIXTURE, SWITCH, RECEPTACLE, AND SIMILAR

**OUTLET LOCATIONS** 

<u>MOUNTING HEIGHTS - RECEPTACLES:</u>

I. 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:

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

I. VERTICALLY ALIGNED WITH THE GROUND SLOT MOUNTED AT THE TOP: <u>18 INCHES</u> ABOVE FINISHED FLOOR. 2. HORIZONTALLY ALIGNED, WITH NEUTRAL SLOT MOUNTED AT THE TOP: 18 INCHES ABOVE FINISHED FLOOR.

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

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

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. GFC| 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:

I. GENERAL: <u>44 INCHES</u> ABOVE FINISHED FLOOR.

2. ABOVE COUNTERS: SAME AS FOR RECEPTACLES.

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

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

MOUNTING HEIGHTS - MULTI-OUTLET ASSEMBLIES:

I. 6 INCHES ABOVE COUNTER TOP.

MOUNTING HEIGHTS - TELEPHONE/DATA OUTLET BOXES

I. GENERAL: MATCH MOUNTING HEIGHT OF ADJACENT WIRING DEVICE LISTED

2. WALL-MOUNTED TELEPHONE: <u>52 INCHES</u> ABOVE FINISHED FLOOR.

THE CATALOG NUMBERS LISTED FOR WIRING DEVICES ARE GENERALLY FOR 20A RATED DEVICES. WHERE ISA 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.

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

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 A WIRING DEVICES OF THE SAME MANUFACTURER AND NOT MIXED ON THE PROJECT TO THE MAXIMUM EXTENT POSSIBLE. PROVIDE COLOR OF TOGGLES AND RECEPTACLES AS REQUESTED BY THE ENGINEER: REFER TO DETAIL SHOWING RECEPTACLES TABLE.

TYPE OF DEVICE	HUBBELL	PASS & SEYMOUR	LEVITON	COOPER WIRING DEVICES
SIMPLEX RECP	HBL 5361	5361	5891	5351
DUPLEX RECP	CR 5352	5352	5352	5352
RED DUPLEX RECP	5362-R	23642-RED	5352	5352
GFCI RECP	GF5352	2091	6898/6598	XGF20
SAFETY / RECP	HBL83005G	TR63	8300-SC	TR 8300
(20A / 125V)				
MR/GFCI RECP	GFR5362-TR	2095 TRWR	M7899-T	TMRYG 20
QUAD RECP	HBL 420	420	21254	N/A
SINGLE POLE SM.	CS 1221	PS 20 ACI	1221-2	2221
DOUBLE POLE SM.	CS 1222	PS 20 AC2	1222-2	2222
THREE-WAY SW.	CS 1223	PS 20 AC3	1223-2	2223
FOUR-WAY SM.	CS 12214	PS 20 AC4	1224-2	2224

SWITCH AND OUTLET COVER PLATES:

I. 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 SMITCHES UNDER ONE HANGED-PLATE, USUALLY HORIZONTALLY; OR, WHERE REQUIRED BY DETAILS, VERTICALLY. SET ALL COVER PLATES PLUMB, PARALLEL, AND FINISHED FLUSH WITH THE WALL

**MEATHERPROOF COVER PLATES:** 

I. PROVIDE GFCI 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 GFCI IS FUNCTIONING.. BACK BOX MUST BE SUITABLE FOR CONDUIT CONNECTING. COORDINATE BACK BOX WITH WALL DEPTH. INTERMATIC WPIOOORC/HRC 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.

4. COVER PLATES: BY THE SAME MANUFACTURER AS THE WIRING DEVICES: COMPLYING WITH NFPA 70 405.8 (A) OR (B) REQUIREMENTS FOR ATTENDED OR UNATTENDED USE AS APPLICABLE.

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Florida State Statute Requirement: This item has been electronically signed and sealed by Timothy J. Smidt 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.

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

PROJECT NAME

# NextGen Refresh

2750 W US Hwy. 90 Lake City, FL 32055

PROJECT NUMBER 22152E DRAWN BY **ISSUED DATE** 12/20/2022 REVISION DATE NO. © CONTENTS COPYRIGHT 2022 TELEGENT ENGINEERING, INC.

# **Specifications**

SHEET NUMBER

SHEET TITLE

#### ELECTRICAL SPECIFICATIONS (CONT'D)

#### ELECTRICAL POWER - SERVICE AND DISTRIBUTION

#### ELECTRICAL SERVICE:

I. 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:

I. 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 NYOLVED. 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 SERVICE(S).

#### GROUNDING:

I. 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

I. 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

I. DISCONNECT (SAFETY) SWITCHES: SQUARE D, SIEMENS, CUTLER HAMMER, OR GENERAL ELECTRIC FUSED OR NON-FUSED (AS INDICATED ON DRAWINGS OR REQUIRED) NEMA KSI, 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

#### **ELECTRICAL DISTRIBUTION - FUSES:**

I. PROVIDE EACH CIRCUIT AND SET OF FUSE CLIPS THROUGHOUT THE WORK WITH BUSSMANN, FERRAZ SHAWMUT, OR LITTLEFUSE FUSES, SIZES AND TYPES AS REQUIRED OR INDICATED. ALL FUSES LARGER THAN 600A: UL CLASS L, SIMILAR TO TYPE KRP-CLESSMANN LOW PEAK ON EQUAL. FUSES USED TO PROTECT MOTOR: UL CLASS RK5, BUSSMANN FUSETRON OR EQUAL. FUSES USED TO PROTECT ALL OTHER ELECTRICAL EQUIPMENT: UL CLASS RKI, DUAL ELEMENT, BUSSMANN LPS/LPN OR EQUAL. ALL FUSED DEVICES SHALL BE LABELED AS TO TYPE AND SIZE OF FUSE

#### 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.

#### <u>LIGHTING</u>

#### LIGHT FIXTURE LOCATIONS:

I. LIGHT FIXTURES SHOWN ON THE ELECTRICAL DRAWINGS REPRESENT GENERAL ARRANGEMENTS ONLY. REFER TO ARCHITECTURAL DRAWING 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:**

RELAY.

I. PROVIDE LIGHT FIXTURES AS SCHEDULED ON DRAWINGS, INCLUDING ALL LAMPS, ALL NECESSARY ACCESSORIES, MATERIAL AND LABOR TO SECURELY HANG, CLEAN, AND MAKE LIGHT FIXTURES COMPLETELY READY FOR USE. LIGHT FIXTURE MODEL NUMBERS SCHEDULED ON THE DRAWINGS SHOW 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 CONFORM TO SEISMIC REQUIREMENTS WHERE REQUIRED BY THE APPLICABLE BUILDING

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 I-I/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

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 LIGHTING UNITS AND EXIT SIGNS:

I. 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 87 1/2 PERCENT OF THE NOMINAL BATTERY VOLTAGE FOR THE TOTAL \_AMP LOAD ASSOCIATED WITH THE UNIT FOR A PERIOD OF AT LEAST I ½ 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

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

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.

TEST PUSH BUTTON: PUSH-TO-TEST TYPE, IN UNIT HOUSING, SIMULATES LOSS OF POWER. LED INDICATOR LIGHT: INDICATES NORMAL POWER ON. NORMAL GLOW INDICATES TRICKLE 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

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.

LOSS OF ITS NORMAL POWER SUPPLY, PROVIDING VISUAL CONFIRMATION OF EITHER

I. PROVIDE LAMPS AS INDICATED ON THE DRAWINGS FOR ALL LIGHT FIXTURES; OR, IF NOT INDICATED, AS RECOMMENDED BY THE LIGHT FIXTURE MANUFACTURER. IN ÂLL 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 LED'S 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

#### MIRING OF MECHANICAL EQUIPMENT:

I. PROVIDE ALL RACEWAYS AND POWER WIRING FOR ALL DIVISION I5 EQUIPMENT REQUIRING ELECTRICAL CONNECTIONS, INCLUDING, BUT NOT LIMITED TO, PUMPS, WATER HEATERS, AND HVAC 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 FURNISHED WITH EQUIPMENT, AND PROVIDE ALL DISCONNECT SWITCHES AS REQUIRED. AFTER INSTALLING 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) CONDUCTOR SIZING FOR MECHANICAL EQUIPMENT FROM THE EQUIPMENT NAMEPLATE. BASE ELECTRICAL INSTALLATIONS ON ACTUAL REQUIRED AMPERAGES, WHICH MAY VARY SOMEWHAT FORM THE CONDUCTOR AND EQUIPMENT SIZES SHOWN ON THE DRAWINGS; HOWEVER, 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 IS 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

#### <u>WIRING OF THERMOSTATS, TIME AND TEMPERATURE CONTROLS:</u>

. 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 DIAGRAMS. 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:

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

I. TIME SWITCHES: ELECTRONIC DIGITAL ASTRONOMICAL, TYPE AS INDICATED, WITH MANUAL BYPASS SWITCH, NEMA ENCLOSURE SUITABLE FOR THE ENVIRONMENT INSTALLED; NUMBER AND TYPÉS OF CONTACTS, SEQUENCE, AND VOLTAGE AS INDICATED ON THE DRAWINGS, OR AS REQUIRED, BASED ON THE TIME SWITCH FUNCTION AND THE NUMBER OF BRANCH CIRCUITS OR CONTACTORS CONTROLLED. PROVIDE WIRING TO PHOTOCELLS, CONTRACTORS, RELAYS OR OTHER CONTROL POINTS AS REQUIRED. MANUFACTURERS: INTERMATIC, PARAGON, OR TORK. <u>LIGHTING CONTACTORS:</u>

I. INDUSTRIAL DUTY TYPE; SILVER ALLOY, DOUBLE BREAK CONTACTS, CONVERTIBLE WITH NO AND NO 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 FSG PRIOR TO

- 2. SHORT CIRCUIT CURRENT RATING: 22,000 AT 240V AC
- 3. ENCLOSURES: NEMA I
- 4. COIL VOLTAGE: 120V AC

5. ELECTRICALLY-HELD TYPE, CONTROL INTERFACE SHALL BE 2-WIRE; SQUARE D CLASS 8903 L, OR EQUIVALENT OF GENERAL ELECTRIC, CUTLER HAMMER,

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

#### EXISTING FIRE ALARM SYSTEM MODIFICATIONS:

I. 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

a. ADDITIONAL INITIATING DEVICES, INDICATING APPLIANCES, AND INTERCONNECTING CIRCUITS b. ADDITIONAL ZONE MODULES REQUIRED BY NEW ZONING. . 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

2. INSTALL ALL WIRING IN RACEWAY.

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

REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT.

#### ELECTRICAL SYMBOLS LIST

NOTE: ALL MOUNTING HEIGHTS ARE TO CENTER LINE OF

THE O	UTLET BOX UNLESS OTHERWISE INDICATED.
<u>symbol</u>	DESCRIPTION
⊗ 🌣 🤡	EXIT LIGHT - CEILING, WALL, WITH LIGHTS
<b>₩</b> 23	EMERGENCY BATTERY LIGHT - INTERIOR, EXTERIOR
A 0 # 0	FIXTURE - 2'x4' LED TROFFER - CEILING "A" = FIXTURE TYPE, "a" = SWITCH, "#" = CIRCUIT
	FIXTURE - 2'x2' LED TROFFER - CEILING
	FIXTURE - 3" SQUARE RECESSED LED
NL	FIXTURE - 2'x4', 2'x2' - NIGHTLIGHT OPERATION
	FIXTURE - EMERGENCY LIGHT W/ 90 MIN BATTERY
$\bigcirc \bigcirc$	FIXTURE - 16" LED PENDANT/ 12" LED PENDANT
$ abla \qquad  abla \qquad  abla$	FIXTURE - TRACK WITH TRACK HEADS - MONOPOINT

\$ \$3 \$a\$P\$O\$V SWITCH-SINGLE POLE, THREE WAY, SUBSCRIPT DENOTES OUTLET

LIGHTING CONTACTOR - TIME CLOCK

M.H. 20" &OR OTHERWISE AS NOTED

M.H. 20" &OR OTHERWISE AS NOTED

RECESSED FLOOR BOX - DUPLEX RECEPTACLE

RECESSED FLOOR BOX - TELEPHONE/DATA OUTLET

PROVIDE I'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

ELECTRIC HEATING ELEMENT

SECURITY CAMERA - CEILING

DUCT DETECTOR

DRAWING NOTE

PLUGMOLD

SPEAKER - CEILING

DOOR BELL CHIME

SECURITY KEYPAD

JUNCTION BOX - WALL/FLOOR, CEILING

MOTOR - SINGLE PHASE, HORSEPOWER AS NOTED

MOTOR - THREE PHASE, HORSEPOWER AS NOTED

SMOKE DETECTOR/SMOKE DETECTOR TEST STATION

HOMERUN TO PANEL-LETTER AND NO. INDICATES

FIRE ALARM DEVICE - VISUAL/AUDIBLE - WALL, CEILING

OF CONDUCTORS WHEN MORE THAN 3.

FIRE ALARM DEVICE - AUDIBLE/HORN

FIRE ALARM DEVICE - VISUAL - WALL

FIRE ALARM DEVICE - PULLSTATION

CARD READER HD PROXPRO 5355

FIRE ALARM DEVICE - VISUAL - CEILING

FIRE ALARM DEVICE - VISUAL/PULLSTATION

CONDUIT - IN CEILING OR WALLS

CONDUIT - IN OR UNDER FLOOR

CIRCUIT NUMBER. NO. OF CROSSLINES INDICATES NO. \$\ 3#12 UNLESS

TELEVISION - COMBINATION RECEPTACLE / TV CABLE - WALL, CEILING

NOTED OTHERWISE

COMBINATION STARTER/DISCONNECT SWITCH

SMITCH - KEY

CONTROLLED, DIMMER, OCCUPANCY SENSOR, VACANCY - M.H. 44" AFF

RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX - M.H. +/- 44"

OCCUPANCY SENSOR - AS SPECIFIED - CEILING MOUNTED

RECEPTACLE - 20A - 125 VOLTS DUPLEX, DOUBLE DUPLEX -

RECEPTACLE - 20A - 125 VOLTS DUPLEX - FULLY CONTROLLED

RECEPTACLE - 20A - 125 VOLTS DUPLEX - CEILING MOUNTED

RECEPTACLE - SPECIAL - NEMA CONFIGURATION AS NOTED

COMMUNICATIONS OUTLET - COMBINATION TELEPHONE/DATA

PHOTOCELL (INTERIOR) FOR DAYLIGHT HARVESTING

FIXTURE - LED LINEAR

#### RECEPTACLE/SMITCH/COVERPLATE FINISH COLORS <u>WALL COLOR</u> FINISH COLOR SWITCH - GRAY GRAY COVERPLATE - GRAY SMITCH - WHITE MHITE COVERPLATE - WHITE MATCH SURROUNDING FINISH CEILING BLACK PLASTIC COVER PLATE NONMETALLIC FLOOR BOX

## LIGHTING NOTES (CONTROLS)

- I. ALL OCCUPANCY SENSORS SHALL TIMEOUT AFTER A IO (TEN) MINUTE TIME PERIOD.
- 2. OCCUPANCY SENSORS SHALL BE CAPABLE OF MANUAL 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. <u>LIGHTING OVERRIDE</u> (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. <u>SWITCHED RECEPTACLES (FURNITURE FIXTURES)</u>: SHALL BE CONTROLLED THROUGH TIMECLOCK FOR I (ONE) HOUR ON BEFORE STORE OPENING, AND OFF I ONE) HOUR AFTER STORE CLOSING. SWITCHED RECEPTACLES - DEFINED AS FURNITURE / CABINETS REQUIRING SWITCHED RECEPTACLE POWER FOR INTEGRAL UNIT LIGHTING (WALL CASES ETC.).
- 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
- 8. <u>DISPLAY / TRACK (SALES AREA)</u>: SHALL BE CONTROLLED TIMECLOCK, SWITCH FOR I (ONE) HOUR ON BEFORE STORE OPENING, AND OFF I (ONE) HOUR AFTER STORE CLOSING. DISPLAY / TRACK LIGHTING - DEFINED AS ADJUSTABLE

ACCENT AND SURFACE MOUNTED TRACK LIGHTING IN SALES AREA.

- I. <u>EXTERIOR SIGN LIGHTING</u>: 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 - DEFINÉD AS EXTERIOR SIGNS, EXTERIOR FACING LIGHT WINDOW BOXES.
- IO. <u>EXTERIOR SITE LIGHTING (PARKING LOT)</u>: 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.
- II. ANY AND ALL <u>BACK OF HOUSE LIGHTING</u> (BOH) FIXTURES SHALL BE CONTROLLED BY WALL OR CEILING MOUNTED OCCUPANCY SENSORS BACK OF HOUSE DEFINED AS OFFICES, BREAK AREA, INVENTORY, HALL, BATHROOMS, MORK AREA, ETC

#### ABBREVIATIONS

TESTING LABORATORY

GRD	- GROUND	DWG	- DRAWING
M.H.	- MOUNTING HEIGHT	C, CDT	- CONDUIT
AFF	- ABOVE FINISHED FLOOR	Т	- TRANSFORMER
GFI	- GROUND FAULT INTERRUPTER	NL	- NIGHT LIGHT
IG	- ISOLATED GROUND	LTS	- LIGHTS
TYP	- TYPICAL	RECP	- RECEPTACLE
5.0.W.	- SCOPE OF WORK	CLG	- CEILING
∨.I.F.	- VERIFY IN FIELD	N.I.C.	- NOT IN CONTRACT
MFR	- MANUFACTURER		
LHA	- AGENCY (AUTHORITY) HAVING JURISDICTION		
LCP	- LIGHTING CONTROL PANEL		
NRTL	- NATIONALLY RECOGNIZED		

signature must be verified on any electronic copies. CLIENT/OWNER Verizon

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PROJECT NAME

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# **Lake City** NextGen Refresh

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PROJECT NUMBER 22152E CBH DRAWN BY **ISSUED DATE** 12/20/2022

REVISION

DATE

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NO.

**Specifications & Electrical Symbols** List

SHEET NUMBER

90.02



8 (TYP)

DEMOLITION LIGHTING PLAN (N)

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



- I. 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 OF OFFSITE. ABANDONED ITEMS LEFT ABOVE CEILING/ONSITE SHALL NOT BE ACCEPTABLE.

#### DRAWING NOTES

- 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,
- (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.
- (O) EXISTING EXTERIOR LIGHT FIXTURE TO REMAIN.
- (II) EXISTING LIGHT SWITCH TO BE REMOVED AND RELOCATED IN NEW WORK PHASE. SEE SHEET 92.01 FOR ADDITIONAL INFORMATION.



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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 ISSUED DATE** 12/20/2022 REVISION © CONTENTS COPYRIGHT 2022 TELEGENT ENGINEERING, INC.

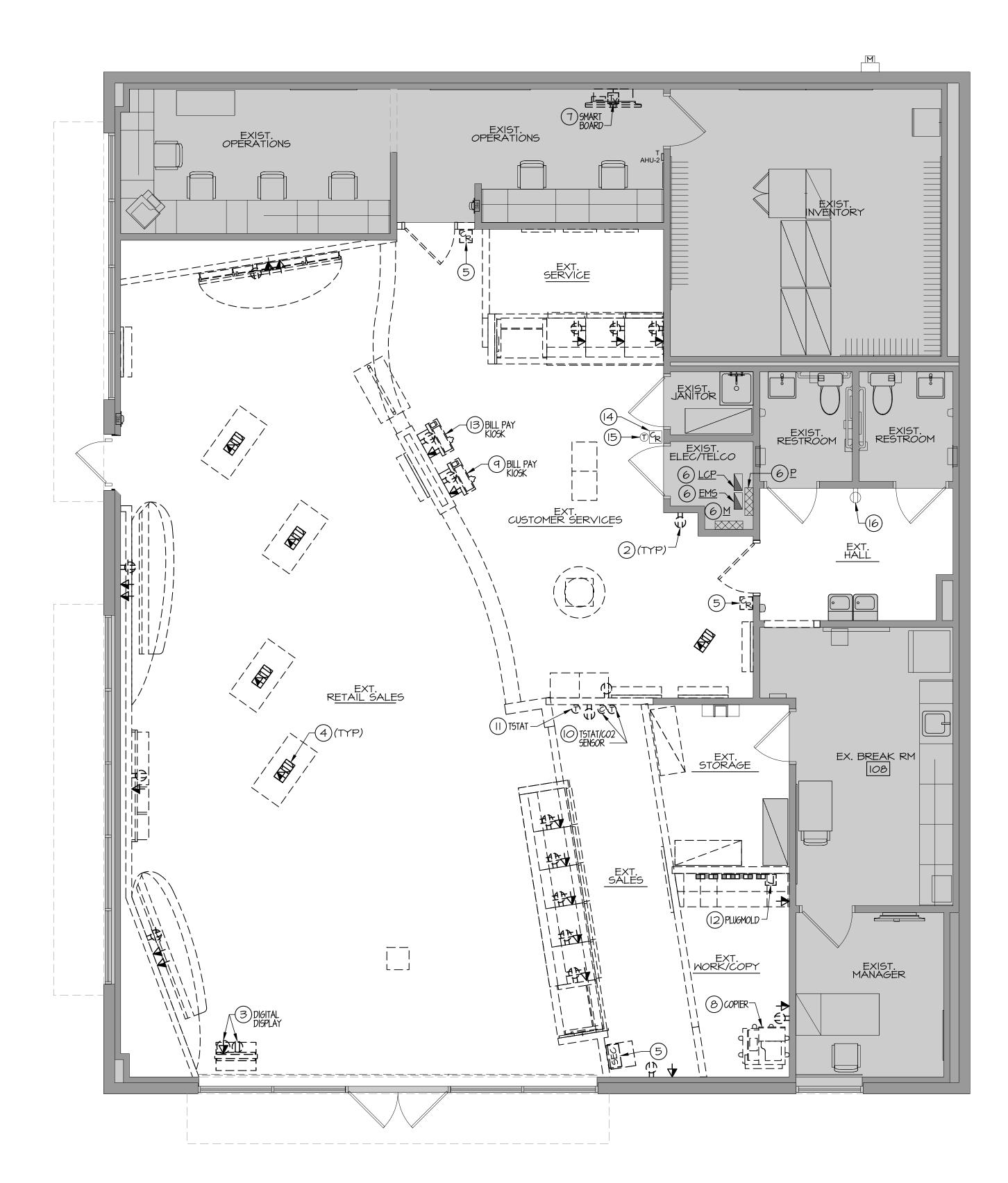
**Demolition Lighting Plan** 

SHEET NUMBER

SHEET TITLE

91.01

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



DEMOLITION POWER PLAN NO 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 OF OFFSITE. ABANDONED ITEMS LEFT ABOVE CEILING/ONSITE SHALL NOT BE ACCEPTABLE.

HEAVY, DASHED.

BOX/COMMUNICATIONS OUTLET DEVICE AND ASSOCIATED WIRING BACK TO SOURCE.

FREESTANDING DIGITAL DISPLAY. DISCONNECT BRANCH CIRCUIT WIRING AND PREPARE FOR RECONNECTION IN NEW WORK PHASE. SEE SHEET 92.02 FOR ADDITIONAL INFORMATION.

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

(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.

(O) 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.

(II) 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.

(4) EXISTING CARD READER TO REMAIN.

(6) EXISTING RECEPTACLE TO REMAIN.

# DRAWING NOTES

(I) ALL DEVICES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL DEVICES TO BE REMOVED ARE SHOWN

(2) REMOVE EXISTING RECEPTACLE/JUNCTION

(3) REMOVE EXISTING CEILING RECEPTACLE/DATA DEVICE FOR

(4) REMOVE EXISTING FLOOR BOX RECEPTACLE/DATA DEVICE

ADDITIONAL INFORMATION.

(5) EXISTING WALL MOUNTED THERMOSTAT TO REMAIN.

443-490-7201 **MEP ENGINEER** Telegent Engineering, Inc.

1414 Key Highway, Suite M301 Baltimore, Maryland 21230

ARCHITECT

CITY STUDIO

MRA Architectural Services, Inc.

2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

STAMP

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CLIENT/OWNER Verizon James Baxter One Verizon Place 2B1-FAC

PROJECT NAME

Alpharetta, Georgia 30004

## **Verizon** Lake City NextGen Refresh

2750 W US Hwy. 90 Lake City, FL 32055

22152	NUMBER	PROJECT NUMBER		
СВІ	<b>Y</b>	DRAWN B		
12/20/202	ATE	ISSUED DA		
DATE	REVISION	NO.		

**Demolition Power Plan** 

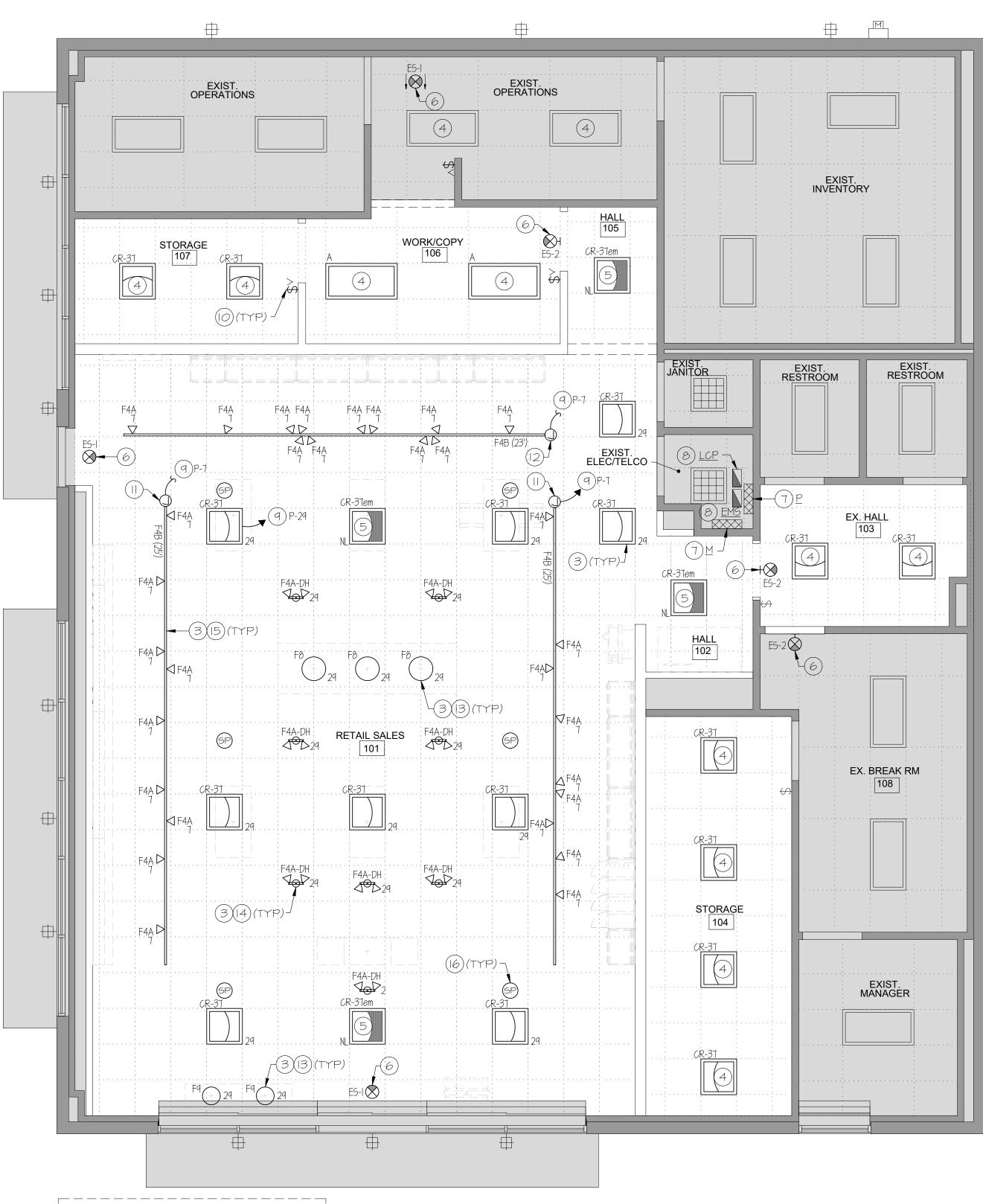
SHEET NUMBER

SHEET TITLE

91.02

**Permit Documents** 

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:

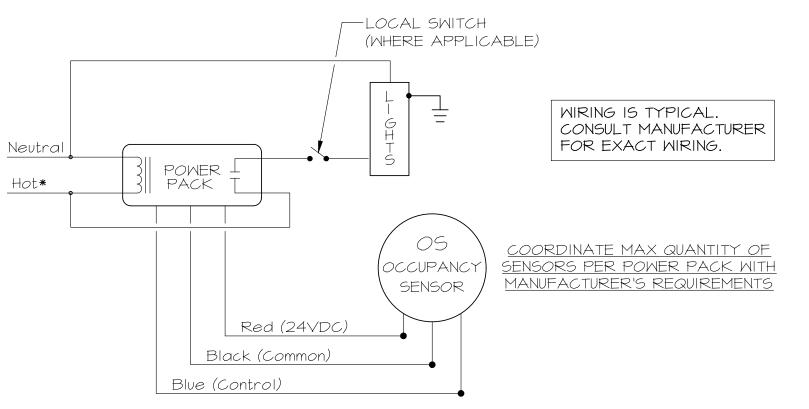
I. CONTRACTOR SHALL PROVIDE LOCKING TYPE BREAKERS ON ALL EMERGENCY BACK-UP/NIGHT LIGHT LIGHTING FIXTURES AND EXIT CIRCUITS. 2. CONNECT ALL EXIT LIGHTS AND NIGHT LIGHTS TO UNSWITCHED CIRCUIT INDICATED.

3. ALL EMERGENCY EGRESS LIGHTS (BATTERY PACKS) SHALL BE CONNECTED TO THE UNSWITCHED LIGHTING CIRCUIT SERVING AREA. EGRESS ILLUMINATION HALL BE NOT LESS THAN I FOOTCANDLE (II LUX) AT THE WALKING SURFACE. 4. REFER TO OCCUPANCY SENSOR WIRING DIAGRAM FOR SENSOR MODELS \$ MIRING 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.

### DRAMING NOTES

- LIGHT, SOLID. ALL NEW LIGHTING FIXTURES ARE SHOWN BOLD,
- (2) CONTRACTOR SHALL COORDINATE LOCATION OF LIGHTING
- (3) PROVIDE AND INSTALL NEW LIGHT FIXTURE. REFER TO LIGHT
- (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
- (5) EXTEND AND CONNECT 2#12+#12GRD-3/4" C TO UNSWITCHED AND OR EMERGENCY OPERATION (DESIGNATED BY "NL"). CONTRACTOR SHALL CONNECT TO EXISTING CIRCUIT SERVING
- (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 94.01 FOR
- (8) EXISTING ENERGY MANAGEMENT SYSTEM.
- (9) EXTEND LIGHT CIRCUITS INDICATED VIA EXISTING LIGHTING CONTROLS. REFER TO THE CONTACTOR SCHEDULE ON SHEET 94.01.
- (O) 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", ETC.). SWITCH MOUNTING HEIGHT SHALL COMPLY WITH ADA MOUNTING HEIGHT. COORDINATE FINAL LOCATION WITH ARCHITECT AND OWNER'S REPRESENTATIVE PRIOR TO ROUGH-IN.
- (I) 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
- (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
- (I3) 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 93.03 FOR ADDITIONAL INFORMATION.
- (15) BOTTOM OF TRACK LIGHTING CONNECTION AT 10'-11" A.F.F. (VERIFY IN FIELD). SEE LIGHTING DETAILS SHEET 93.03 FOR ADDITIONAL
- (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 MIRING DIAGRAM



- ALL LIGHTING FIXTURES THAT ARE EXISTING TO REMAIN ARE SHOWN
- FIXTURES WITH ALL OTHER TRADES (HVAC, PLUMBING, SPRINKLER,
- FIXTURE SCHEDULE, SHEET 94.01, FOR ADDITIONAL INFORMATION.
- REQUIRED, TO ACHIEVE NEW SWITCHING SCHEME AS INDICATED.
- PORTION OF LIGHTING CIRCUIT SERVING AREA FOR "NIGHT LIGHT" EMERGENCY FIXTURES.
- ADDITIONAL INFORMATION.

- INFORMATION. (16) PROPOSED FLUSH MOUNT SPEAKER FOR IN-STORE MUSIC

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

PROJECT NAME

STAMP

## Verizon<sup>/</sup> Lake City NextGen Refresh

2750 W US Hwy. 90 Lake City, FL 32055

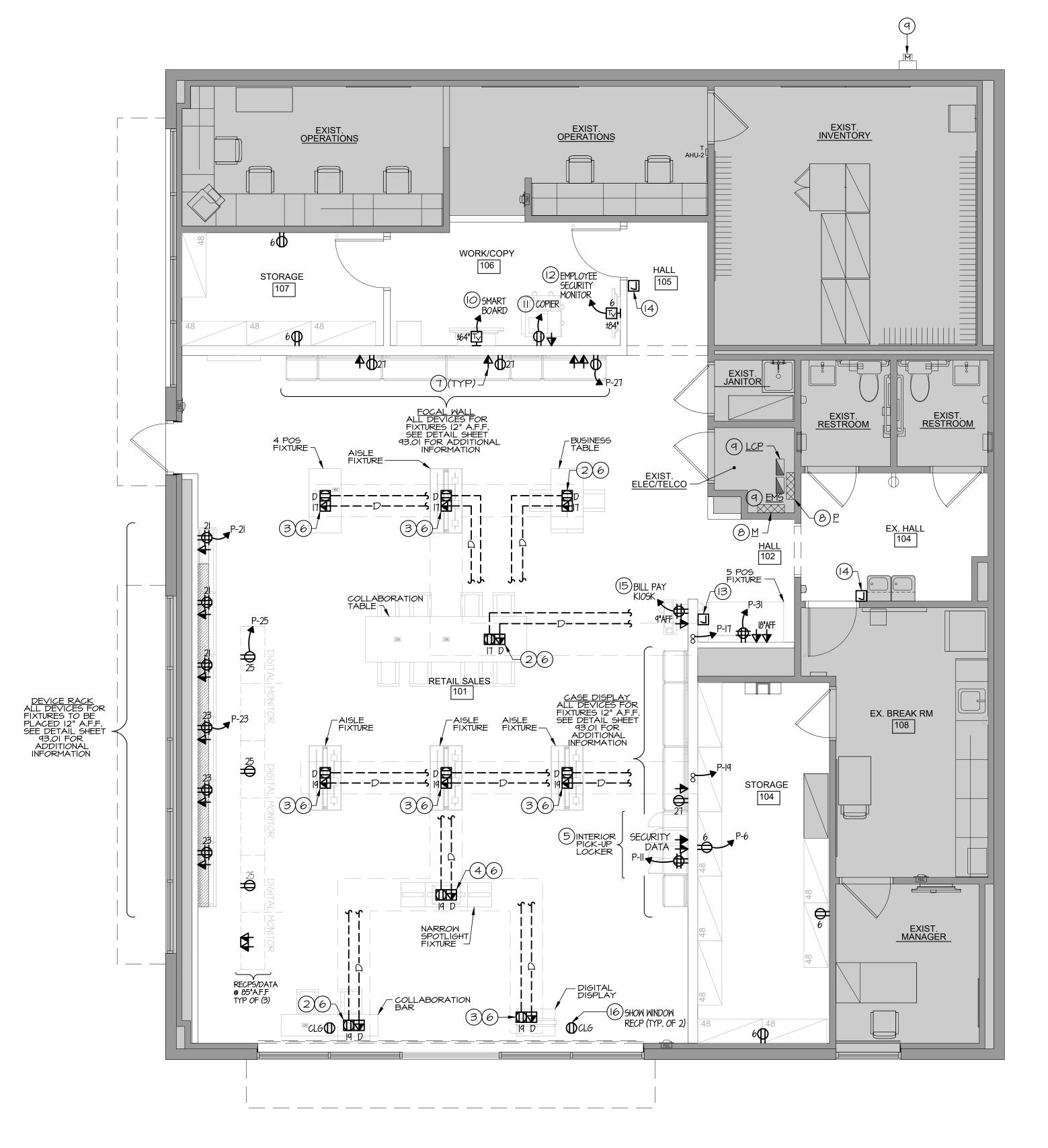
**PROJECT NUMBER** 22152E DRAWN BY **ISSUED DATE** 12/20/2022 © CONTENTS COPYRIGHT 2022 TELEGENT ENGINEERING, INC.

**Lighting Plan** 

SHEET NUMBER

SHEET TITLE

92.01



# POMER PLAN SCALE: 1/4" = 1'-0"

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

#### GENERAL NOTES:

I. ALL DEVICES THAT ARE EXISTING TO REMAIN ARE SHOWN LIGHT, SOLID. ALL NEW DEVICES ARE SHOWN BOLD, SOLID. SHADED AREA INDICATES EXISTING CONSTRUCTION TO REMAIN (NOT IN CONTRACT).

PROJECT MANAGER IN THE FIELD.

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 ARCHITECTS 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.

IO. ALL NOISY CONTACTORS ARE DEEMED DEFECTIVE AND SHALL BE REPLACED.

II. ALL OUTLETS AND DATA DEVICES SHALL BE INSTALLED CLOSE TOGETHER (PREFERABLY 8").

### DRAWING NOTES

- ONTRACTOR SHALL ROUTE FIXTURE POWER/DATA CONDUIT FEEDS IN FLOOR (SLAB CUT). PROVIDE (I)-I" CDT WITH CONDUCTORS FOR POWER AND (I)-I" CDT WITH PULLSTRING FOR DATA. TURN CONDUITS UP WITHIN FULL HEIGHT WALL. STUB DATA CDT 6" ABOVE CEILING FOR CABLING BY OTHERS.
- HUBBELL TWO-GANG NON-METALLIC FLOOR BOX. FOR (I)
  DUPLEX RECEPTACLE AND (I) COMPARTMENT FOR FUTURE
  DATA PULL. COLLABORATION TABLE, COLLABORATION BAR,
  BUSINESS TABLE FIXTURE AND EXPERIENCE TABLE
  FLOOR BOX= PFBRG2
  FLANGE SA3084W

COVER PLATE - SA2425
COVER PLATES SHALL BE BLACK PLASTIC AND FLUSH WITH FLOORING.
\*ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTACLES AND COVER PLATES.

HUBBELL TWO-GANG NON-METALLIC FLOOR BOX. FOR (I)
DUPLEX RECEPTACLE AND (I) COMPARTMENT FOR (2) DATA
FEEDS. ISPU, AISLE, GUV, 4 POS, DIGITAL DISPLAY FIXTURES
FLOOR BOX = PFBRG2

FLANGE - SA3084W

COVER PLATE - SA2425

COVER PLATES SHALL BE BLACK PLASTIC AND FLUSH WITH FLOORING.

RECEPTACLES AND COVER PLATES.
\*ISPU AND POS FIXTURES - DATA FEEDS WITH BISCUIT JACK

HUBBELL TWO-GANG NON-METALLIC FLOOR BOX. FOR (I)
DUPLEX RECEPTACLE AND (I) COMPARTMENT FOR (3) DATA
FEEDS. SPOTLIGHT FIXTURE
FLOOR BOX = PFBRG2

\*ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL

FLANGE - SA3084W
COVER PLATE - SA2425
COVER PLATES SHALL BE BLACK PLASTIC AND FLUSH WITH FLOORING.
\*ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL RECEPTACLES AND COVER PLATES.

EXTEND I" CONDUIT FOR POWER AND EXTEND 2#12+2#12 GRD FROM CONNECTOR FACEPLATE (3' WHIP) TO PRE-INSTALLED JUNCTION BOX IN LOCKER FIXTURE. EXTEND I" CONDUIT FOR DATA AND EXTEND 6" ABOVE CEILING TO PRE-INSTALLED DATA JUNCTION BOX FOR EXTENSION OF (5) CAT6 FEEDS. EXTEND I" CONDUIT FOR SECURITY FEEDS. SEE DETAILS, SHEET 92.04 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 I"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.

PROPOSED LOCATION OF RELOCATED SMART BOARD.
CONTRACTOR SHALL RECONNECT BRANCH CIRCUIT WIRING TO
EXISTING CIRCUIT PREVIOUSLY SERVING UNIT.

PROPOSED LOCATION OF RELOCATED COPIER. CONTRACTOR SHALL RECONNECT BRANCH CIRCUIT WIRING TO EXISTING CIRCUIT PREVIOUSLY SERVING UNIT.

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.

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.

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.

RELOCATED BILL PAY KIOSK FROM DEMOLITION PHASE.
CONTRACTOR SHALL RECONNECT BRANCH CIRCUIT WIRING TO
EXISTING CIRCUIT PREVIOUSLY SERVING UNIT OR AREA.

INSTALL EXISTING/NEW CEILING MOUNTED SHOW WINDOW RECEPTACLES. RECONNECT TO EXISTING CIRCUIT SERVING AREA. COORDINATE HEIGHT AND LOCATION WITH VERIZON PROJECT MANAGER IN THE FIELD.

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CLIENT/OWNER

Verizon

James Baxter

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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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**Power Plan** 

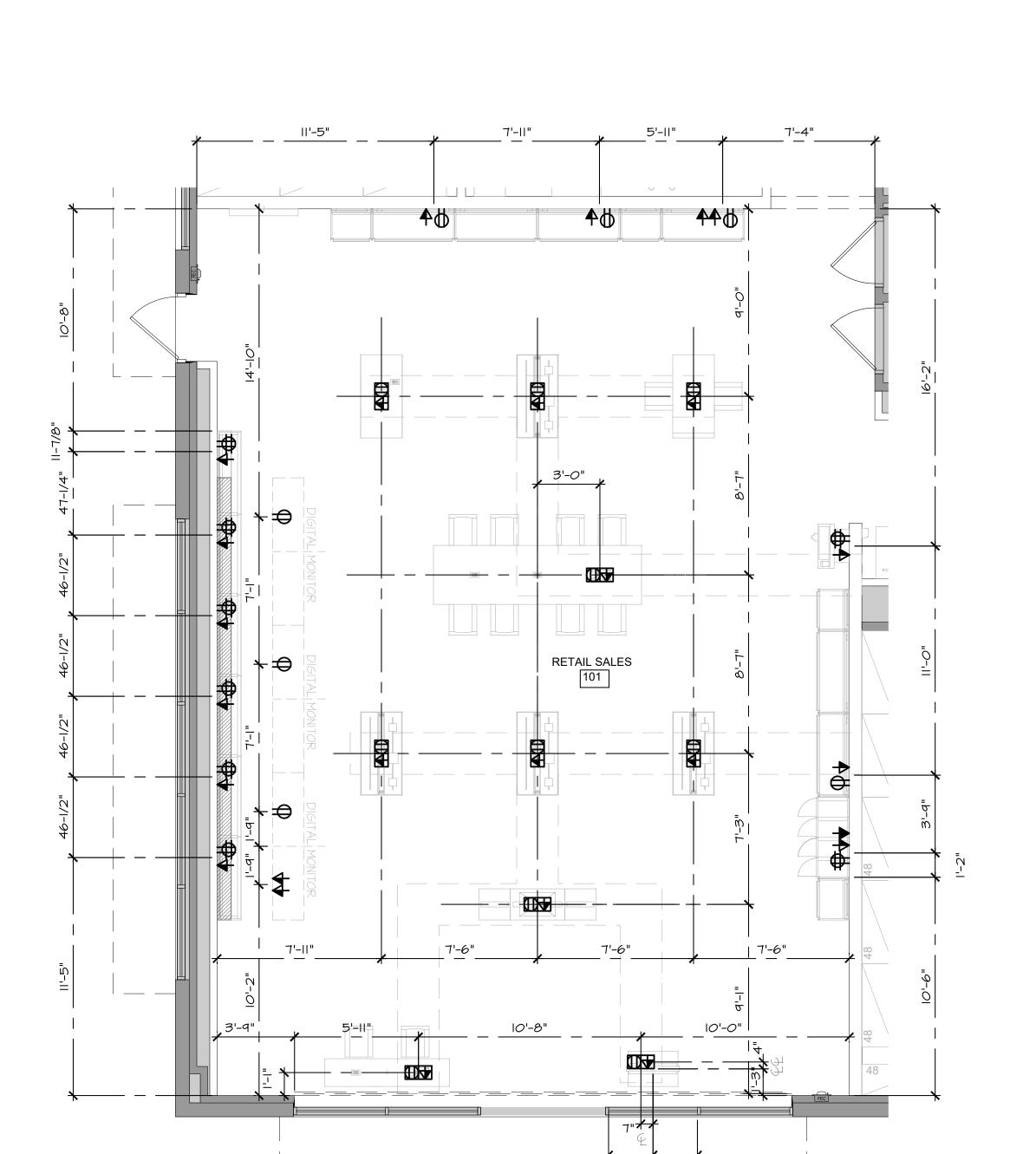
SHEET NUMBER

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

SHEET TITLE

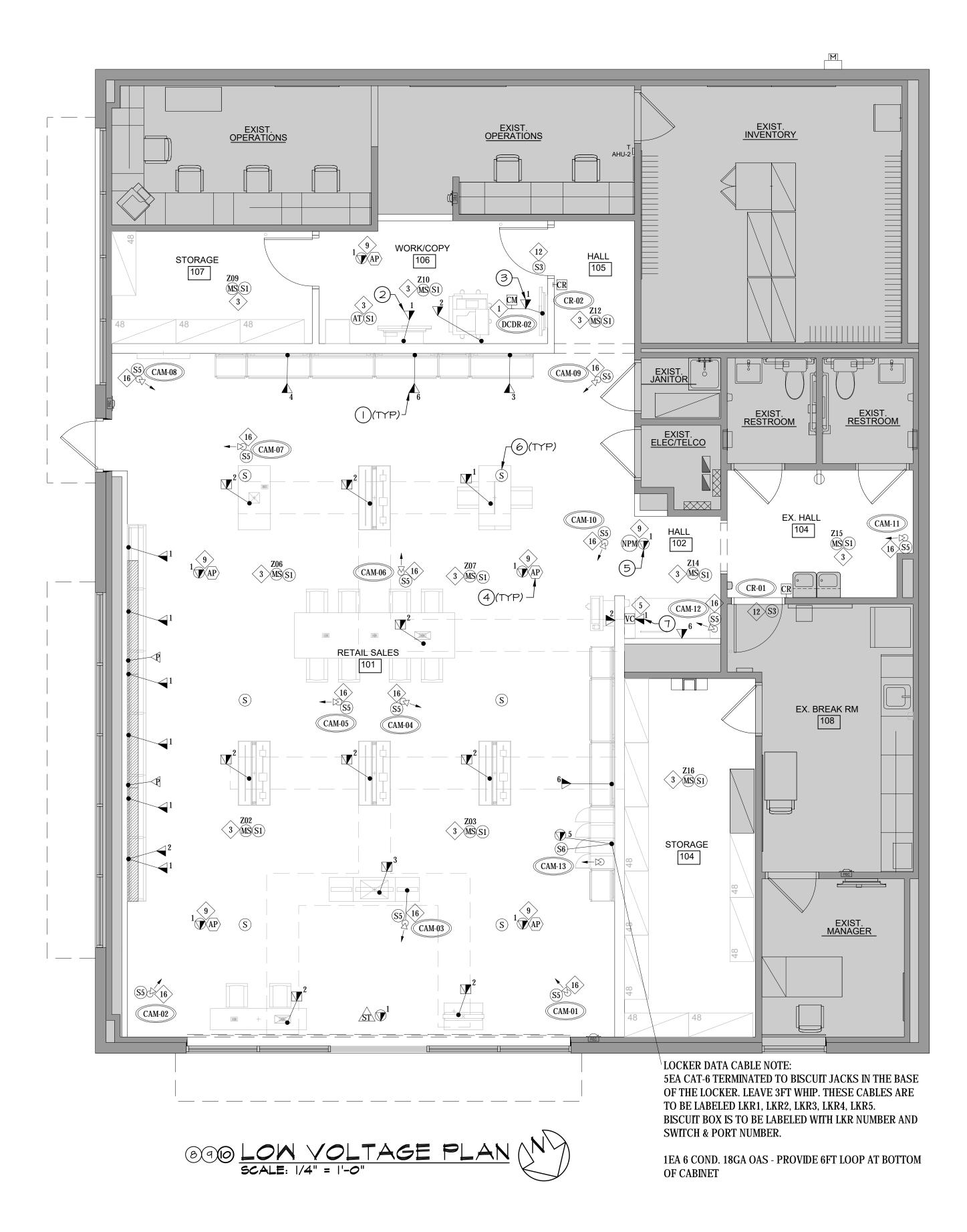
92.02

PHASE
Permit Documents



DIMENSIONS

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



#### GENERAL NOTES:

- I. ALL SECURITY DEVICE LOCATIONS ARE DIAGRAMMATICAL ONLY. REFER TO SECURITY CONSULTANT PLANS AND COORDINATE WITH SECURITY CONSULTANT FOR EXACT LOCATIONS AND CONDUIT ROUTING PRIOR TO ROUGH-IN.
- 2. PROVIDE BACK BOX SPECIFIC TO CAMERA MODEL AND 3/4" CONDUIT TO CAMERA ROUGH-IN LOCATIONS FROM TELCO ROOM. CAMERA HEIGHT TO MATCH TRACK LIGHTING.
- 3. VERIFY ALL ROUGH-IN LOCATIONS WITH IT/SECURITY CONSULTANT PRIOR TO INSTALLATION.
- 4. REFER TO SHEET 92.02 FOR CORRESPONDING POWER LOCATIONS.

#### DRAWING NOTES

- (I) PROVIDE RECESSED JUNCTION BOX FOR DATA COMMUNICATIONS (CABLING BY VENDOR). EXTEND I"C FROM BOX TO 6" ABOVE CEILING.
- (2) PROVIDE DATA @ 64" A.F.F. FOR SMART BOARD.
- (3) DATA FOR SECURITY MONITOR TO BE MOUNTED @ 84" A.F.F. COORDINATE LOCATION WITH SECURITY CONSULTANT.
- (4) PROPOSED LOCATION OF CEILING MOUNTED WIRELESS ACCESS POINT (ARUBA 310 SERIES), BY OTHERS. COORDINATE ALL REQUIREMENTS WITH VERIZON CPM.
- PROPOSED LOCATION OF CEILING MOUNTED NETWORK (5) PERFORMANCE MONITOR (NPOINT 3000 WIFI MONITOR), BY OTHERS. COORDINATE ALL REQUIREMENTS WITH VERIZON
- 6 PROPOSED LOCATION OF CEILING MOUNTED SPEAKER. COORDINATE ALL REQUIREMENTS WITH VERIZON CPM.
- (7) PROPOSED LOCATION OF VOLUME CONTROL FOR MUSIC SYSTEM. COORDINATE WITH VERIZON PROJECT MANAGER.
- (8) CONTRACTOR SHALL REFER TO SECURITY DETAILS SHEET 93.05, AND 93.06 FOR IN WALL AND ABOVE CEILING CONDUIT INSTALLATION WORK.
- (9) CONTRACTOR SHALL REFER TO OVERHEAD AUDIO, SHEET 93.07 FOR FLUSH MOUNT (CLOSED CEILING) AND PENDANT (OPEN CEILING) INSTALLATION WORK.
- NOTE: REFER TO ARCHITECTURAL DRAWINGS AND ELECTRICAL DETAIL SHEETS FOR MOUNTING LOCATIONS/DIMENSIONS OF FLOOR BOXES AND WALL MOUNTED DATA DEVICES.

#### SECURITY & DATA DEVICE NOTES

- . ALL CAMERAS ARE EXISTING AND TO BE RELOCATED. 2. CAMERA VIEWS WILL NEED TO BE VERIFIED WITH VERIZON SECURITY
- MONITORING LAB. ADDITIONAL CAMERA MAY BE REQUIRED. 3. ALL CAMERAS ARE TO BE TESTED. ANY CAMERA NOT WORKING WILL BE
- REPAIRED OR REPLACED FOR A FULL AND OPERATIONAL SYSTEM. 4. ALL MOTION DETECTORS ARE EXISTING AND TO BE RELOCATED. 5. ALL OTHER SECURITY DEVICES INCLUDING BUT NOT LIMITED TO PANIC BUTTONS, DOOR CONTACTS, AND MOTION DETECTORS ARE TO BE TESTED.
- AND OPERATIONAL SYSTEM. 6. ALL CARD READERS AND DOOR HARDWARE IS TO BE TESTED. ANY CARD READER OR DOOR HARDWARE DEVICE NOT WORKING WILL BE REPAIRED

ANY DEVICE NOT WORKING WILL BE REPAIRED OR REPLACED FOR A FULL

- OR REPLACED FOR A FULL OPERATIONAL SYSTEM. 7. ALL SPEAKERS ARE TO BE NEW.
- 8. SOUND SYSTEM IS TO BE TESTED AND ANY DEVICE NOT WORKING IS TO BE REPAIRED OR REPLACED.
- 9. ALL WIFI ACCESS POINTS ARE EXISTING AND TO BE RELOCATED.
- IO. ALL WIFI ACCESS POINTS ARE TO BE TESTED AND ANY ACCESS POINTS
- NOT WORKING WILL BE REPAIRED OR REPLACED. CUSTOMER TRACKER AT FRONT DOOR IS TO BE REMOVED AT TIME OF DEMO AND RE-INSTALLED WHEN REFRESH IS COMPLETE.
- 12. ALL 5G/EFEMTO QUESTIONS AND COORDINATION SHALL BE DIRECTED TO GRE/RDC PM AND OVER TO VERIZON OPERATIONS. OPERATIONS SHALL CONACT THE REGIONAL NETWORK ASURANCE TEAM WHO WILL BE RESPONSIBLE FOR 5G/EFEMTO SCOPE OF WORK.

## CABLE INSTALLATION & TERMINATION

#### RESPONSIBILITIES

CABLING INSTALLER

THROUGHT D96 (SECOND SWITCH)

- VERIFY LOCAL CODE FOR CABLE PLENUM OR NON PLENUM 2. WORK WITH MANUFACTURERS FOR PROPER INSTALLATION PRCEDURES
- 3. ADHERE TO IEEE CABLE INSTALLATION PRACTICES
- 4. PROVIDE WORKMANSHIP PICTURES TO VZ PM
- 5. ALL DROPS SHALL BE RUN WITH CAT-6 AND BE NEATLY DRESSED 5. TEST ALL CABLE FROM JACK TO PATCH PANEL USING HAND-HELD TESTER
- THAT MEETS OR EXCEEDS TIA 1152 LEVEL 111E STANDARD PROVIDE TEST RESULTS IN ELECTRONIC FORM TO VZ
- 8. LABEL PATCH PANEL PORTS AND JACKS WITH APPROPRIATE DESIGNATIONS, IN NUMERICAL ORDER, STARTING WITH DI FOR STANDARD
- DATA AND CI FOR CAMERAS 1. IF REQUIRED - LOW VOLTAGE PERMITS ARE THE RESPONSIBILITY OF THE
- IO. SUPPLY AND INSTALL RACK, PATCH PANELS AND CABLE MANAGEMENT AS PER SPECIFICATIONS
- TERMINATE ALL JACKS USING 5688 PIN OUT 12. DATA FACEPLATES SHALL MATCH PAINT AND/OR NEARBY ELECTRICAL
- FACEPLATES IN COLOR I3. ALL CABLE MUST BE TAGGED WITH CLEAN, EASY TO READ TAGS -SECURITY CABLE TAGS MUST MATCH SECURITY DEVICE NUMBERS LISTED ON SECURITY FLOOR PLAN - CAMERA CABLE TAG NUMBERS ARE CI THROUGH C48 - DATA TAG NUMBERS ARE DI THROUGH D48 (FIRST SWITCH) AND D49
- 14. ALL UNUSED/DEMOLISHED CABLE IS TO BE REMOVED. INCLUDING BUT NOT LIMITED TO CABLES IN THE IT RACK.

### NOTES

- NIC AREA(S) EXISTING SECURITY DEVICES AND CABLE TO REMAIN. . CONTRACTOR TO PROVIDE SEPARATE LINE ITEM FOR ANY NEW CABLE AND/OR DEVICE INCLUDING BUT NOT LIMITED TO BACK OF HOUSE LOW
- VOLTAGE SCOPE OF WORK 3. SEE ARCHITECTURAL DRAWINGS/REFLECTED CEILING PLAN FOR ITEMS LOCATED IN ACT CEILINGS
- 4. ALL FRONT OF HOUSE CEILING MOUNTED EQUIPMENT TO BE CENTERED IN THE
- 5. CONTRACTOR TO VERIFY CARD READER LOCATIONS. CONTRACTOR SHALL PROVIDE AND INSTALL LOW VOLTAGE CABLE FOR ALL NEW LOCATIONS AND VERIFY CONDITION OF CABLE FOR EXISTING.

NOTE: REFER TO SHEET 93.04 FOR SECURITY EQUIPMENT SCHEDULES AND RESPONSIBILITY MATRIX.

#### NOTE: REFER TO SHEETS 93.05, 93.06 AND 93.07 FOR SECURITY EQUIPMENT DETAILS AND

INSTALLATION. NOTE: SECURITY SYSTEM DRAWINGS ARE PROVIDED FOR REFERENCE ONLY. ELECTRICAL CONTRACTOR SHALL REVIEW DRAWINGS AND INSTALL ALL CONDUIT RACEWAYS, HANGERS, SUPPORTS, PULLSTRINGS, ETC. FOR INSTALLATION OF ALL SECURITY DEVICES AND

NOTE: MUSIC SYSTEM WILL BE INSTALLED BY LOW VOLTAGE CONTRACTOR. ELECTRICAL CONTRACTOR SHALL PROVIDE A CONDUIT AND JUNCTION BOX FOR THE VOLUME CONTROL

ASSOCIATED WIRING BY OTHERS.

ELECTRICAL OR LIFE SAFETY.

NOTE: SPEAKER WIRE SHOULD BE PULLED IN ITS OWN HARD-PIPE CONDUIT. SPEAKER WIRE SHOULD NOT BE PULLED INTO SAME HARD-PIPE CONDUIT AS DATA,

### SECURITY SYMBOLS LIST

- (WSP) WALL MOUNTED SPEAKER/MICROPHONE
- CEILING MOUNTED SPEAKER/MICROPHONE
- PAN-TILT-ZOOM CAMERA
- 360 DEGREE CAMERA
- 180 DEGREE CAMERA
- TIME DELAY SAFE ALARM TDS
- CARD READER WITH KEYPAD MOUNTED 44" A.F.F.
- CARD READER MOUNTED 44" A.F.F.
- ALARM KEYPAD MOUNTED 44" A.F.F.
- MS MOTION DETECTOR BOSCH CEILING MOUNTED
- HMS) MOTION DETECTOR BOSCH WALL MOUNTED
- MS DUO MOTION DETECTOR DUO 240 CEILING MOUNTED
- MS MOTION DETECTOR WALL MOUNT 90 DEGREE
- PANIC BUTTON MOUNTED 48" A.F.F.
- SIREN REQUEST TO EXIT
- WIRELESS TRANSMITTER
- SURFACE MOUNT DOOR CONTACT FLUSH MOUNT DOOR CONTACT
- WIRELESS DOOR CONTACT
- MONITOR MOUNTED 84" A.F.F. OR 64" A.F.F. | NVR |NVR
- SEISMIC SENSOR ACCESS CONTROL PANEL
- ALARM PANEL
- LOCAL ALARM DETEX
- PEEP HOLE ELECTRIC STRIKE
- GLASS BREAK MOUNTED II' A.F.F. (IN HEADER WALL)
- PUSHBUTTON LOCK WITH PRIVACY FUNCTION
- ELECTRIFIED CRASH BAR WITH REX FUNCTION CRASH BAR
- EEB EMERGENCY EXIT BUTTON
- PS PIEZO SOUNDER MULTIPOINT LOCK
- MALL MOUNT LOCKBOX
- DOORBELL BUTTON
- DOORBELL CHIME SPEAKER ELECTRICAL JUNCTION BOX BY EC
- ROLL DOWN SECURITY SHUTTERS BY QMI
- DATA LOCATION BY CABLING CONTRACTOR
- TYCO ONE BOX FOR SECURITY DEVICES
- HB HDMI BALUN

#### LY SYMBOLS LIST

- DATA WALL PLATE #: CABLE/PORT QUANTITY
- CEILING MOUNT BOX: # - CABLE QUANTITY
- WIRELESS ACCESS POINT DEVICE WITH BISCUIT BOX (IN J-BOX) CEILING MOUNT - MOUNTED II'-6" A.F.F.
- NETWORK PERFORMANCE MONITOR (IN J-BOX)
- CEILING MOUNT
- SUSPENDED PENDANT SPEAKER MOUNTED 13'-6" A.F.F. ADAPTER PLATE FOR FLOOR DEVICE
- #: CABLE/PORT QUANTITY
- PULL STRING ONLY IN FLOOR BOX
- PULL STRING ONLY WALL MOUNT
- SPEAKER VOLUME CONTROL
- SHOPPER TRACKER MOUNTED II'-6" 22G, 4 COND. OAS
- 18G, 2 COND.
- 226, 6 COND. OAS 22G, 2 COND. SOLID
- CAMERA ID TAG
- CR-XX CARD READER ID TAG
- (DSC-XX) BURGLAR ALARM ID TAG
- (STAR-XX) ACCESS CONTROL ID TAG
- NVR-XX NETWORK VIDEO RECORDER ID TAG
- MANAGER / EMPLOYEE MONITOR ID TAG
- NETWORK VIDEO RECORDER ID TAG (DCDR-XX) MANAGER / EMPLOYEE MONITOR ID TAG
- SPEAKER / STROBE ID TAG

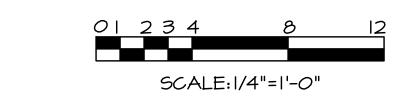
## LOW VOLTAGE CABLE SCOPE OF WORK

<u>SENERAL CONTRACTOR SCOPE OF WORK:</u>

GENERAL CONTRACTOR SHALL FURNISH AND INSTALL ALL LOW VOLTAGE CABLE INCLUDING BUT NOT LIMITED TO CAT-6 FOR DATA AND THE SPECIFIED CABLES FOR SECURITY DEVICES. ALL CABLES ARE TO BE SUPPORTED BY THEIR OWN HARDWARE. CABLE IS NOT TO BE STRAPPED TO ANY CONDUITS. GENERAL CONTRACTOR IS RESPONSIBLE TO FOLLOW ALL LOCAL CODES FOR LOW VOLTAGE CABLE AND PROVIDE CONDUIT WHERE NECESSARY. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR TERMINATION OF ALL DATA CABLES AT BOTH ENDS. ALL CABLES ARE TO BE TAGGED AT EACH END FOR EASY IDENTIFICATION. THESE TAGS SHALL BE TYPED OR NEATLY WRITTEN WITH SELF LAMINATING TAGS. SERVICE LOOP FOR ALL CABLE TERMINATING IN THE TELCO ROOM SHALL BE MINIMUM OF IOFT. SERVICE LOOPS AT END DEVICES MUST BE AT LEAST IFT AND PROTECTED FROM DAMAGE UNTIL THE FINAL DEVICES CAN BE TERMINATED AND INSTALLED. ALL CABLE SHALL BE INSTALLED MINIMUM 4 WEEKS BEFORE ESTIMATED DATE OF

SECURITY CONTRACTOR SCOPE OF WORK:

SECURITY CONTRACTOR SHALL REVIEW ALL INSTALLED CABLE MINIMUM 4 WEEKS BEFORE ESTIMATED DATE OF OPENING AND NOTIFY THE GENERAL CONTRACTOR OF ANY DISCREPANCIES. SECURITY CONTRACTOR SHALL FURNISH AND INSTALL ALL CUSTOM MOUNTING HARDWARE FOR SECURITY DEVICES INCLUDING BUT NOT LIMITED TO CAMERA MOUNTS. ANY CUSTOM MOUNTING HARDWARE NEEDED FOR ROUGH IN WILL BE PROVIDED TO THE GENERAL CONTRACTOR, SECURITY CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTIONS OF SECURITY DEVICES. SECURITY CONTRACTOR SHALL VERIFY ALL FINAL CAMERA VIEWS WITH VERIZON SECURITY COMMAND CENTER WHILE ON SITE.



Baltimore, Maryland 21230 443-490-7201 MEP ENGINEER Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

CITY STUDIO

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1414 Key Highway, Suite M301

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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 DRAWN BY ISSUED DATE** 12/20/2022 NO. REVISION

Low Voltage Plan

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SHEET NUMBER

SHEET TITLE

92.03

Branded environment design guide | Next Gen

# Locker power and data requirements

Corporate | Fixtures design

· General contractor to cut or trench slab as required for

Cables provided, pulled, and terminated on both ends by

the general contractor Wiring to be run through (3) 1" dia conduits from IT room

to floor location coordinated with the fixture vendor and · Due to the center structural bar at the bottom of the

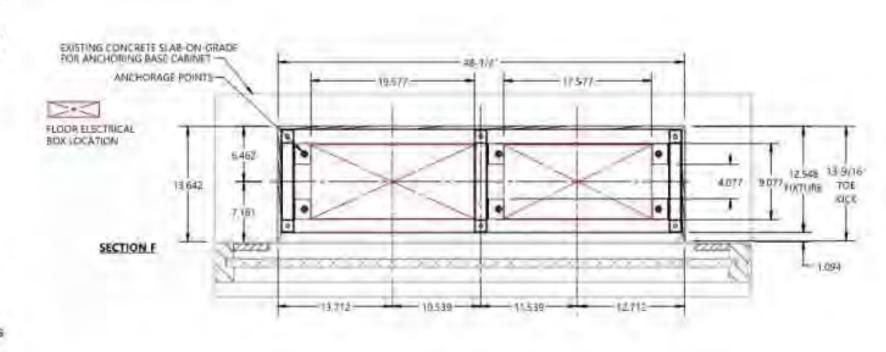
lockers, the power and data boxes should not be centered in the locker space.

 The general contractor will supply and install the following:

For IT, and cameras: (1) 1" dia conduit for (5) cat-6 cables. Terminated to surface mount type data lack within the base cabinet of the locker, and terminate in the telco room to patch panels and provide labels

For additional security requirements in the future: (1) 1" dia conduit for (1) 6-conductor 18 ga oas (tracker). Coll 6' of cable into bottom of lockers for future use. This cable is not to be terminated unless otherwise advised 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.

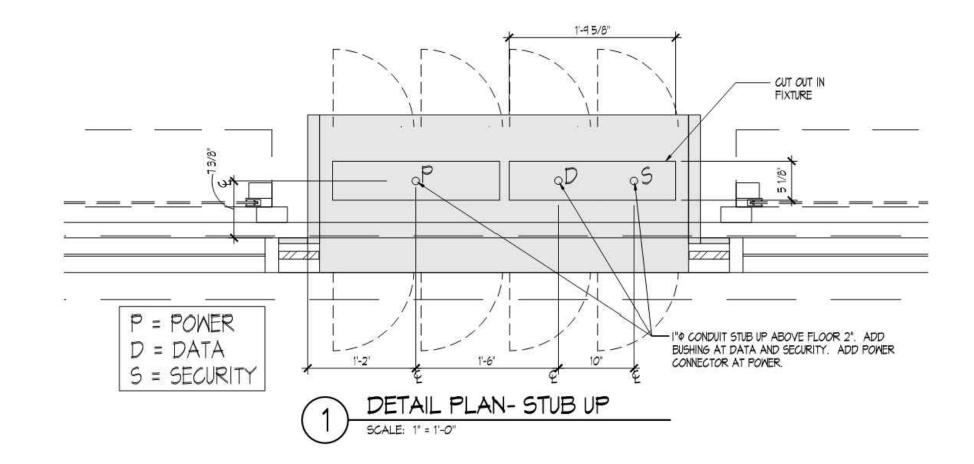


verizon

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213

#### L-INT - INTERIOR LOCKER - POWER/DATA/SECURTY REQUIREMENTS



#### L-247 STOREFRONT LOCKERS - POWER/DATA/SECURTY REQUIREMENTS

### For the locker projects- Electrical Revision

Option for stub-up feeds to lockers Follow drawings for locations and details.

For Data: Install 5- CAT6 wires.

LKR2 LKR3 LKR4

Add biscuit jack at the other end, under locker, and label it with the same label. For example: LKR1 in the patch panel is labeled LKR1 under the lockers.

Punch the ends down on the rack patch panel and label them as follows

Provide 3 foot loop under lockers with biscuits.

For security: Provide 6 conductor 18ga OAS wire. Provide 15 foot loop in telco room over the security panel and 6 foot loop under locker No termination is required.

For Power: Provide a 3 foot long wire whip to be hardwired to junction box in locker fixture. Above ceiling conduit to the Telco room is not required, the above ceiling can utilize free wire cable to the Telco room from the stub-ups, when permitted by code.

INTERIOR LOCKER - POWER/DATA/SECURTY REQUIREMENTS

# CITY STUDIO

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**MEP ENGINEER** 

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**CLIENT/OWNER** Verizon James Baxter One Verizon Place

Alpharetta, Georgia 30004 **PROJECT NAME** 

2B1-FAC

# **Verizon** Lake City NextGen Refresh

2750 W US Hwy. 90 Lake City, FL 32055

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

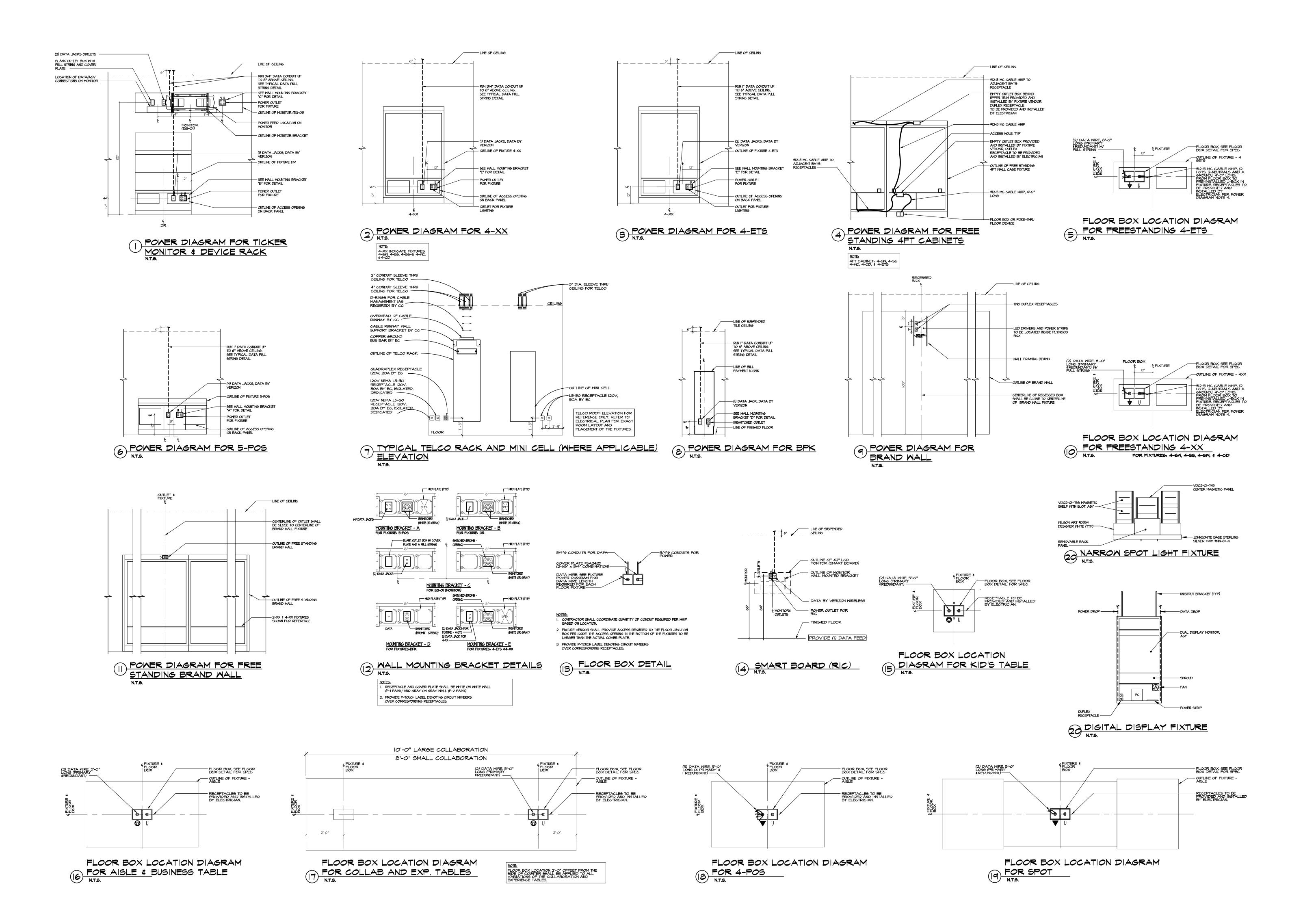
SHEET TITLE **Interior Locker** 

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SHEET NUMBER

**Details** 

92.04





ARCHITECT

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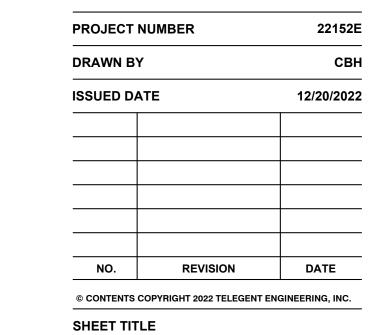
Alpharetta, Georgia 30004

**PROJECT NAME** 

# Verizon Lake City NextGen Refresh

2750 W US Hwy. 90

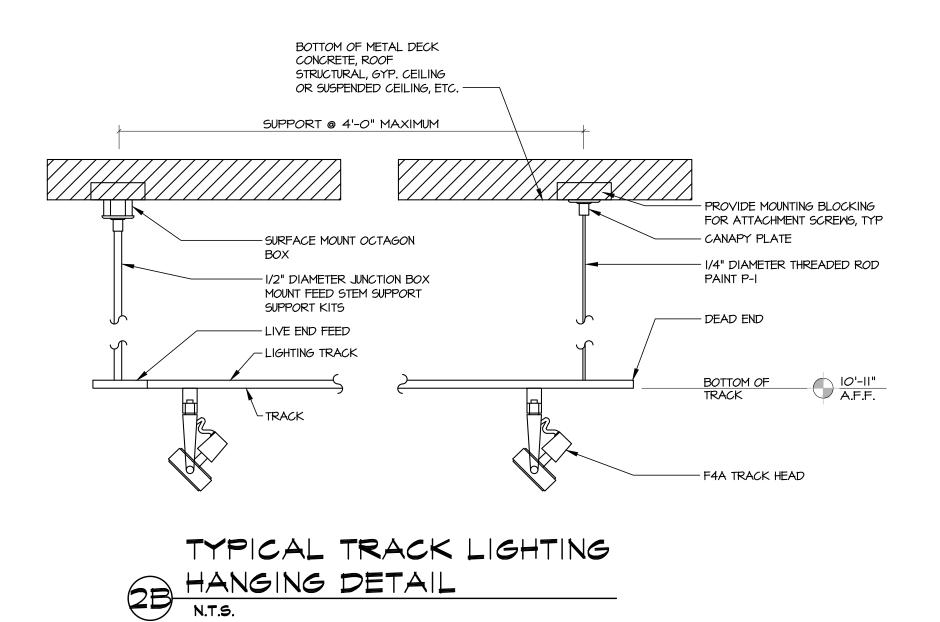
– Lake City, FL 32055

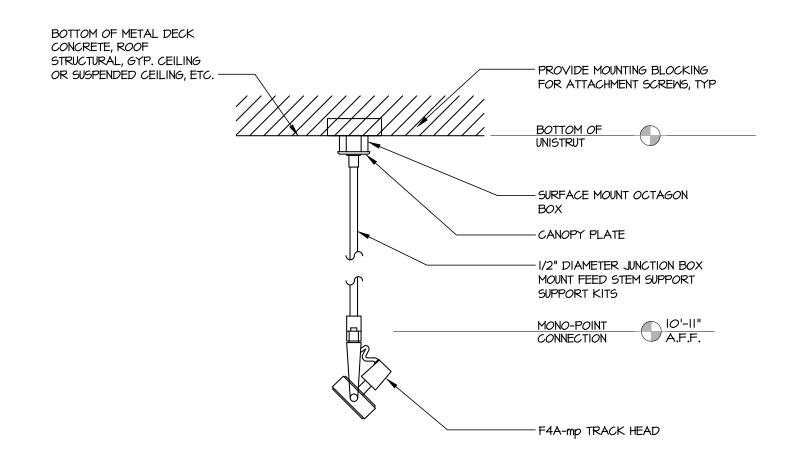


Electrical Details

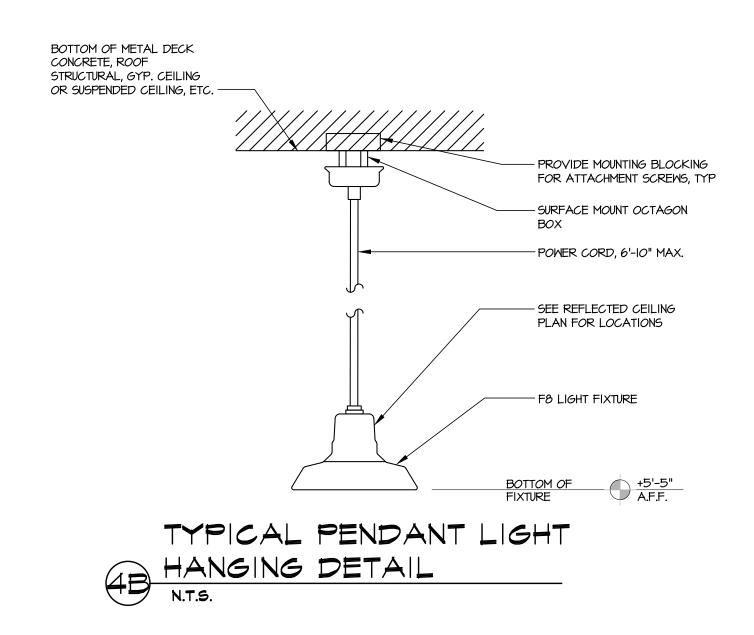
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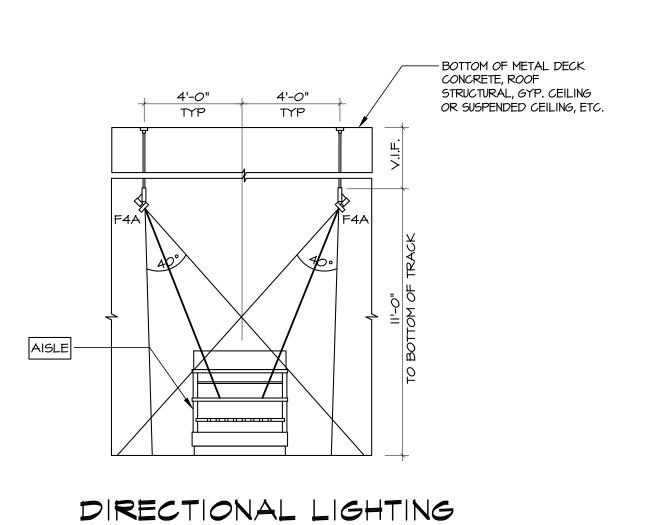
93.01

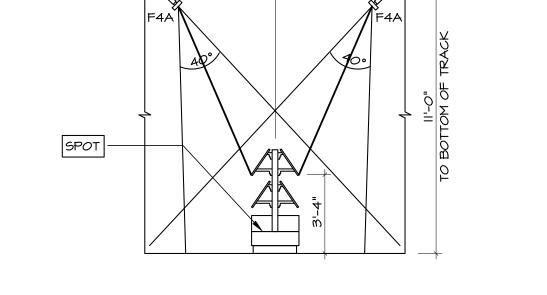












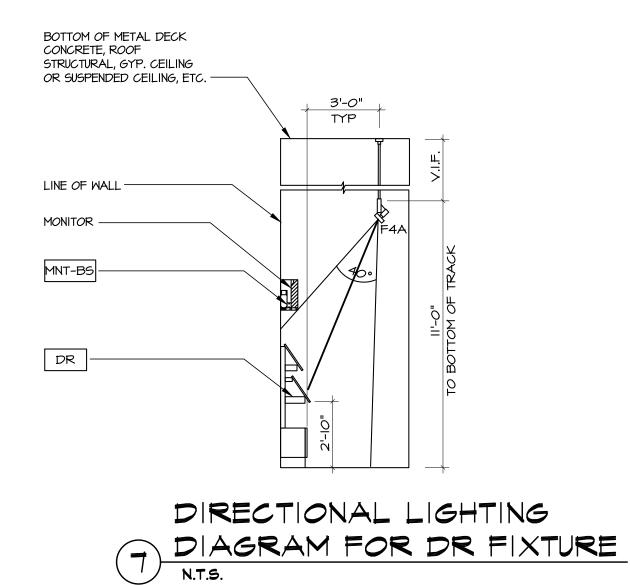
— BOTTOM OF METAL DECK CONCRETE, ROOF

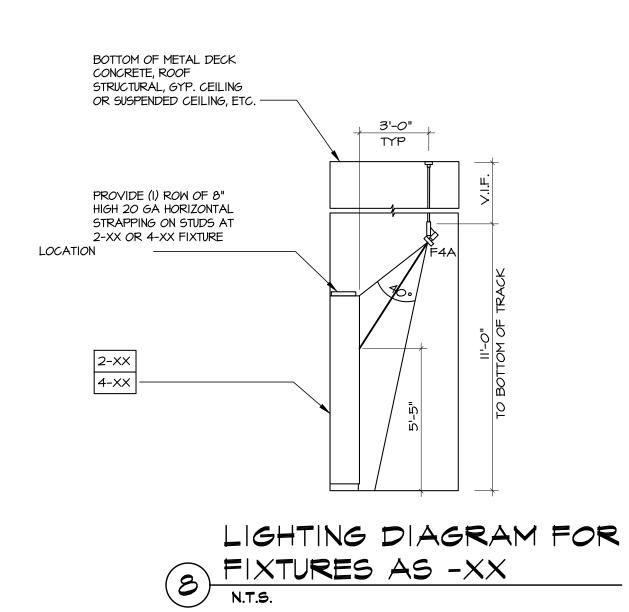
STRUCTURAL, GYP. CEILING OR SUSPENDED CEILING, ETC.

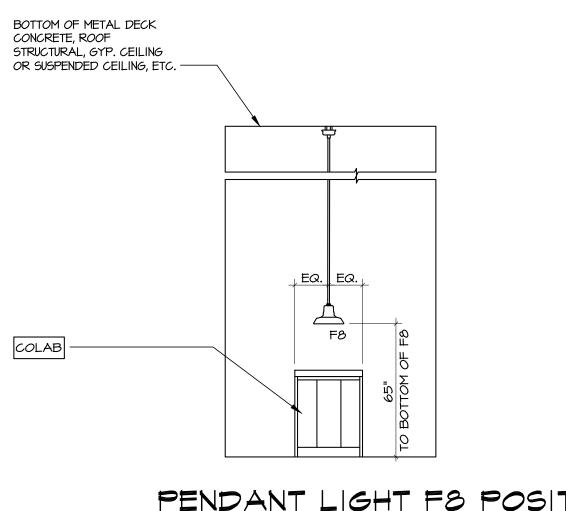
DIRECTIONAL LIGHTING

DIAGRAM FOR SPOT

N.T.S.







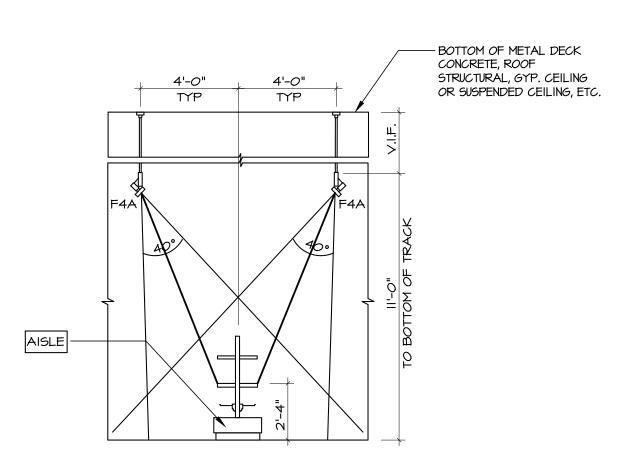
5 DIAGRAM FOR AISLE N.T.S.

PENDANT LIGHT F8 POSITION

PENDANT LIGHT F8 POSITION

PENDANT LIGHT F8 POSITION

NT.S.



DIRECTIONAL LIGHTING
DIAGRAM FOR AISLE
N.T.S.



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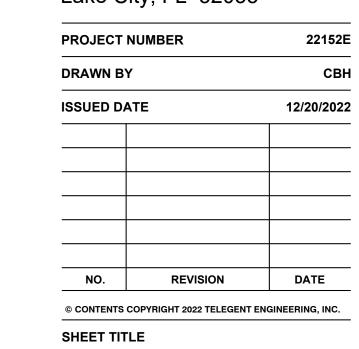
James Baxter
One Verizon Place
2B1-FAC
Alpharetta, Georgia 30004

PROJECT NAME

# Verizon Lake City NextGen Refresh

2750 W US Hwy. 90

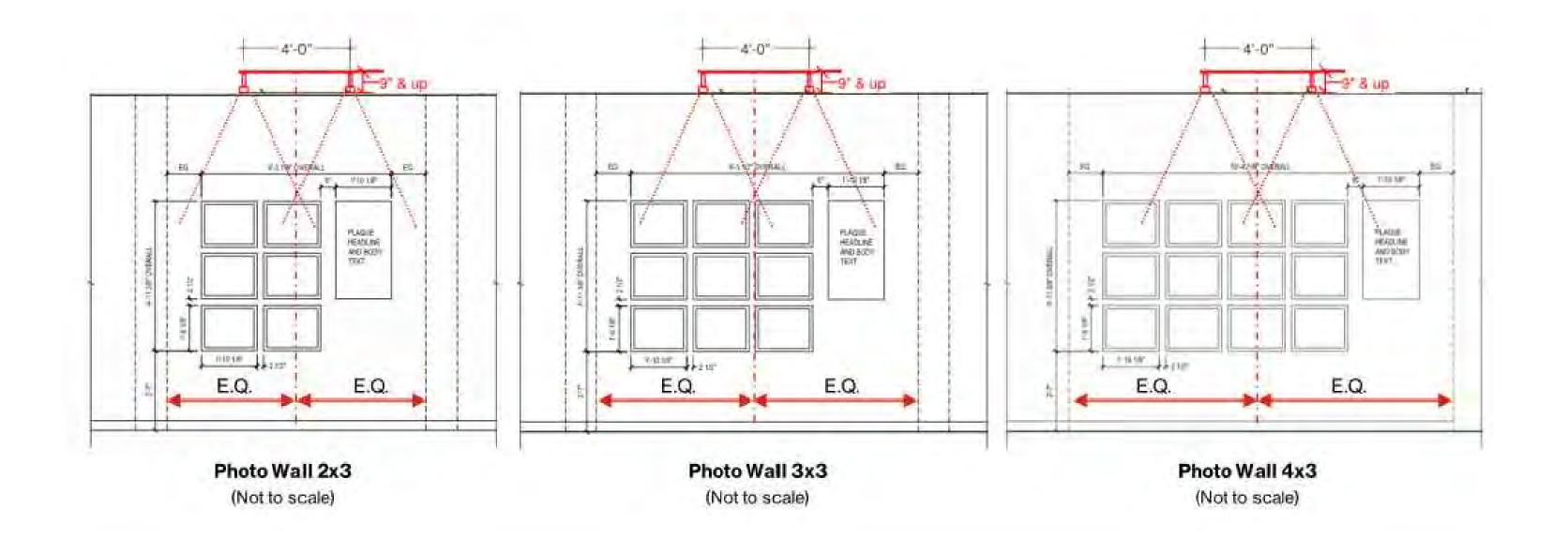
– Lake City, FL 32055



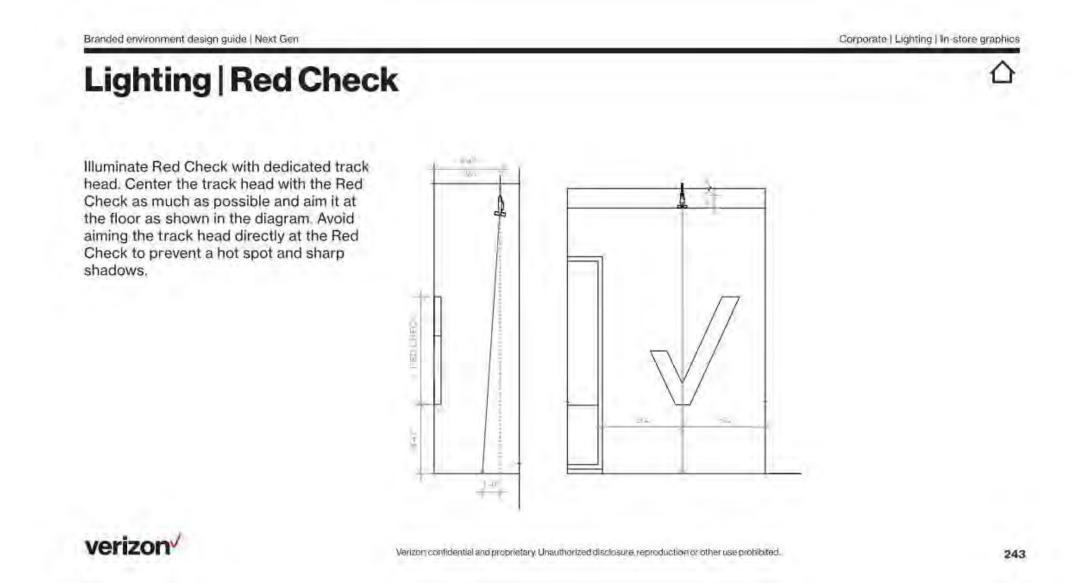
Lighting Details

SHEET NUMBER

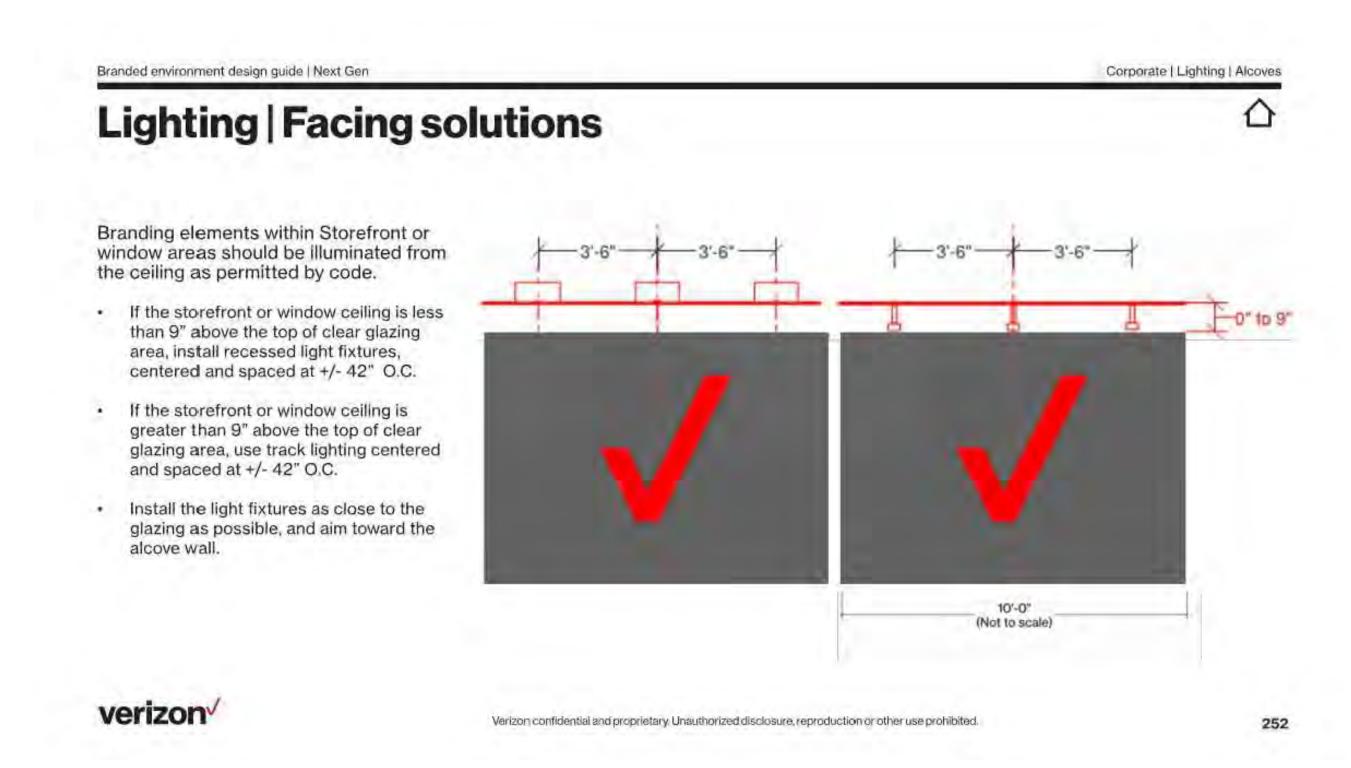
93.02



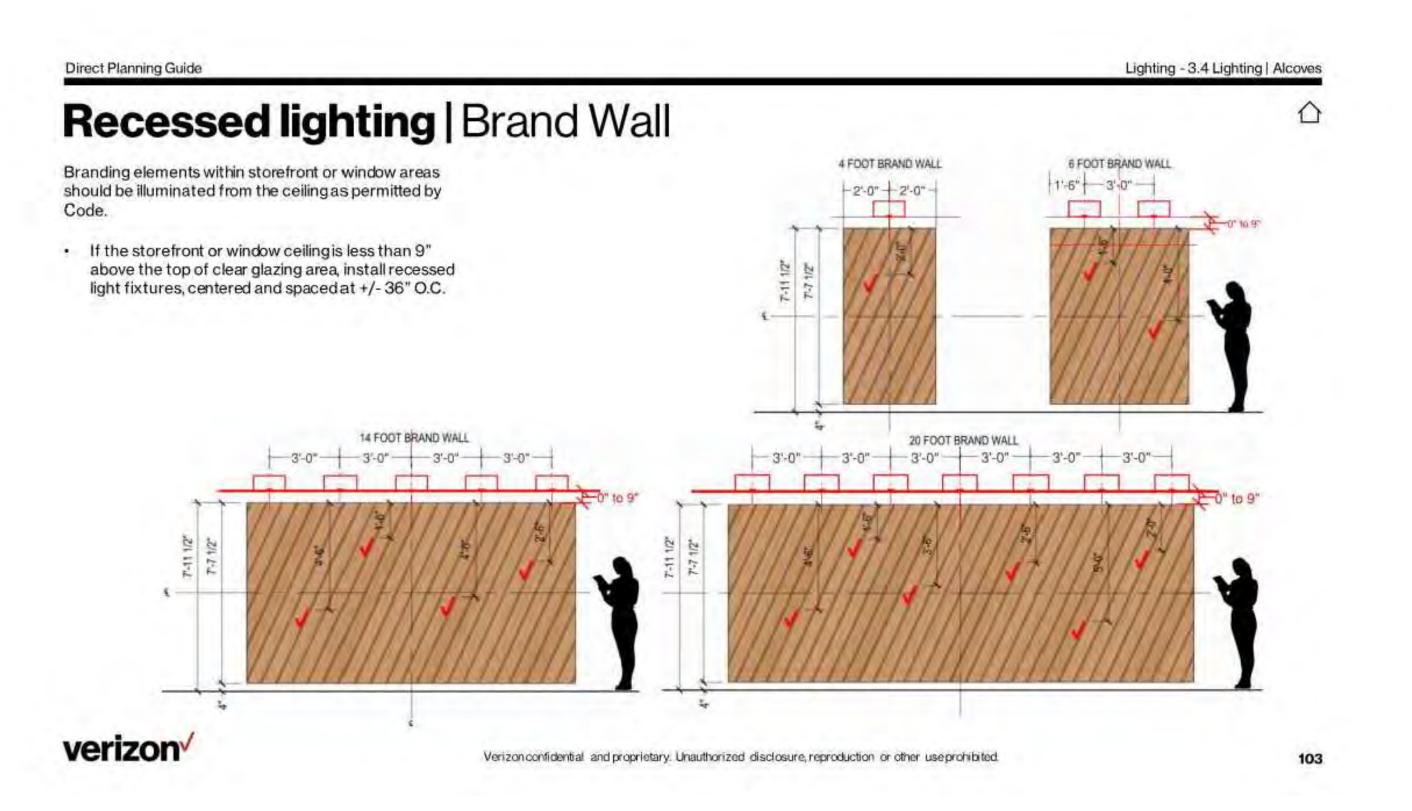
LIGHTING - PHOTO WALL

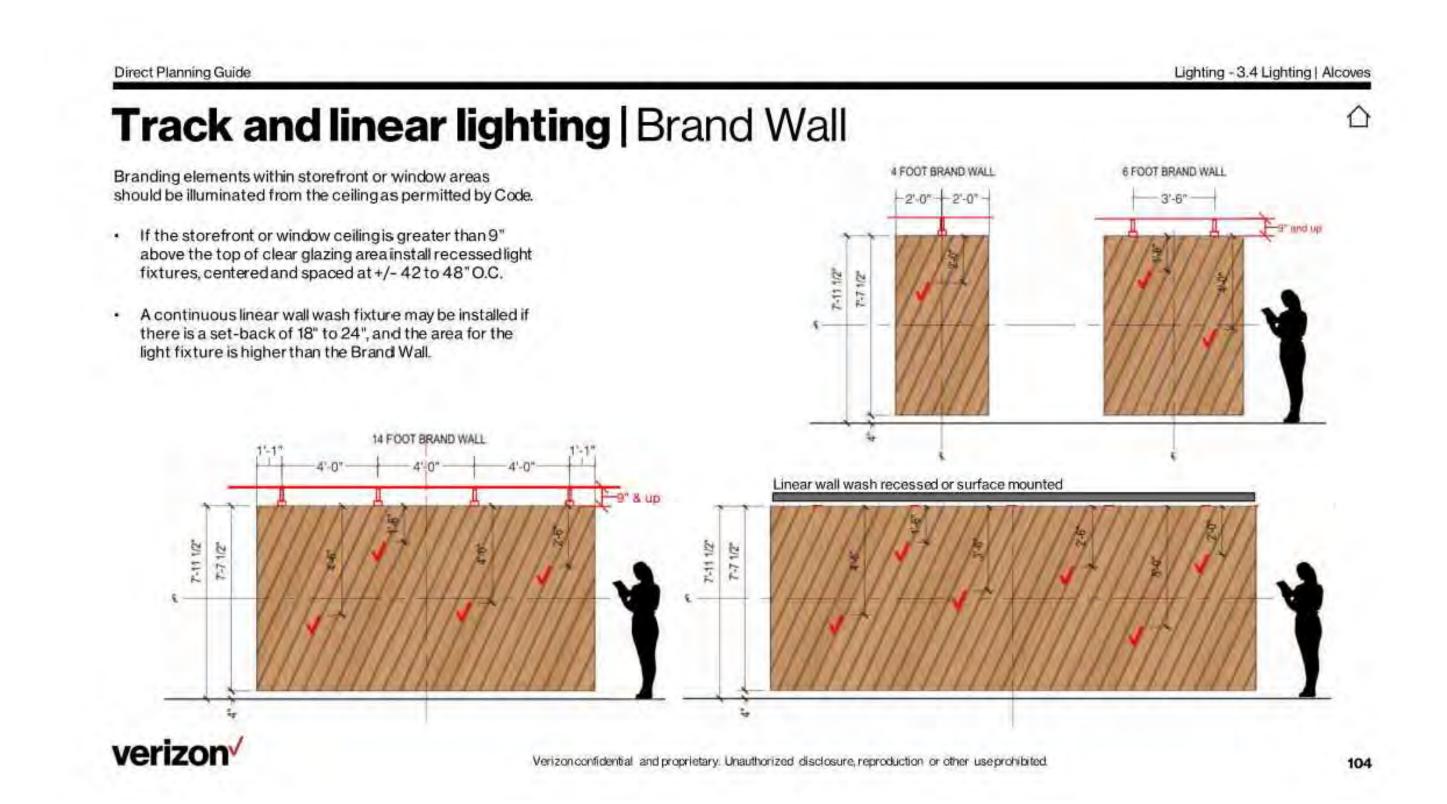


LIGHTING - INTERIOR RED CHECK



LIGHTING - INTERIOR RED CHECK - ALCOVES





RECESSED LIGHTING - BRAND WALL

TRACK & LINEAR LIGHTING - BRAND WALL



ARCHITECT

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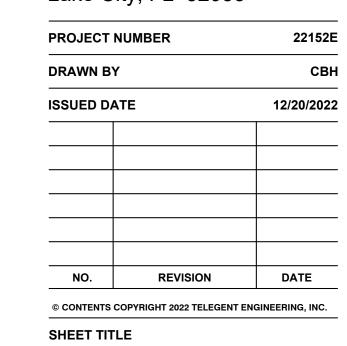
Alpharetta, Georgia 30004

PROJECT NAME

# Verizon Lake City NextGen Refresh

2750 W US Hwy. 90

– Lake City, FL 32055



Lighting Details

SHEET NUMBER

93.03

	CABLE SCHEDUL	<b>_</b>
SYMBOL	DEVICE	CABLE
(51)	@ \$P \$P \$P \$P \$P \$P \$P \$P \$P \$P\$	22G, 4 COND. OAS
62	LOW VOLTAGE POWER CABLE	18G, 2 COND.
63	(ONLY WHEN PS IS USED AT INTERIOR DOOR)	ACCESS CONTROL COMPOSITE CABLE
64	99	22G, 4 COND. SOLID
65	ANALOG CAMERAS	RG59 COAX & 18G, 2 COND.
66	KS LOCKERS	18G, 6 COND.
NPM	NETWORK PERFORMANCE MONITOR	CAT-6
	BISCUIT BOX DATA PORT	CAT-6
	PULL STRING ONLY IN FLOOR BOX	-
(5)	CEILING MOUNTED SPEAKER	18-2C-P-WHT-500
lacksquare	FLOOR BOX: X=NUMBER OF PORTS	CAT-6
(AP)	WIRELESS ACCESS POINT	CAT-6
$\Delta_{\times}$	DATA WALL PLATE: X=NUMBER OF PORTS	CAT-6
V	PULL STRING ONLY WALL MOUNT	_
Vđ	SPEAKER VOLUME CONTROL	CAT-6

DEVICE/FIXTURE	DATA JACK COUNT	NOTES
TRAFFIC/ORBIT	I PER ENTRANCE	DATA BOX (BISCUIT) ABOVE CEILING.
WAPS	I PER/QUANTITY 5	CEILING MOUNT ONLY. 2 FOR RGW, OPPOSITE CORNERS OF SALES FLOOR. 3 FOR VZ DEVICES, CENTERED ON CEILING (2 ON SALES FLOOR AND I IN THE BACK OFFICE).
DIGITAL - DIGITAL DISPLAY	2 PER FIXTURE	STANDARD TRENCHED/FLOOR. IF IN CEILING, PROVIDE IO' SERVICE LOOP  AND BISCUIT ABOVE CEILING.
SPOT - SPOTLIGHT	3 PER FIXTURE	
CT - COLLABORATION TABLE/BAR (ALL SIZES)	I PER FIXTURE	EXPRESS PICKUP (CT-3) INCLUDED
BT - BUSINESS TABLE	I PER FIXTURE	
EXP - EXPERIENCE TABLE (ALL SIZES)	I PER FIXTURE	
AISLE OR ISPU TABLE	2 PER FIXTURE	
NPM (NETWORK PERFORMANCE MONITOR)	I PER DEVICE	LOCATED AT OR NEAR POS AREA
TM - TICKER SHELF/MONITORS	2 NEAREST DOOR + 1 PS OTHERS	I DUPLEX NEAREST DOOR. PULL STRING ONLY FOR OTHER TM SPACES.
DR - DEVICE RACK	I PER FIXTURE	MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.
CD - CASE GALLERY	2 PER POWER	MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.
SS - WALL CASE (ALL SIZES)	2 PER POWER	2 PER 4' SECTION IF FREESTANDING AND/OR DAISY CHAIN (WHIP) POWER
SM - SLAT WALL	2 PER POWER	MAY REMOVE DATA-ONLY CONDUIT WHERE NO POWER CONDUIT IS PRESENT.
ETL - 5G HUB	3 PER FIXTURE	
DM- DEVICE WALL	2 PER POWER	ALSO CALLED LIVE TRY
AW - ACCESSORY WALL	2 PER POWER	ALSO CALLED ACCESSORY BAY
AM - ATTRACT MONITOR (EXPRESS)	2 PER POWER	ALSO CALLED VIDEO WALL
KT - KID TABLE	I PULL STRING ONLY	
LR - 5G LIVING ROOM	3 PER FIXTURE	FORMAL FIXTURE NAME TBD.
BPK	2 PER DEVICE	
4-POS (POS 4' FLOOR FIXTURE)	2 PER FIXTURE	
5 -POS (POS 5' MORKSTATION)	6 PER FIXTURE	
MGR/TRAINING STATIONS	2 PER CHAIR/SPACE	
MFD/COPIER/PRINTER	2 PER DEVICE	
INVENTORY MONITOR (EXPRESS)	I PER DEVICE	ALSO CALLED ORDER BOARD
SMART BOARD (SB/SM)	I PER DEVICE	
INV WORKSTATION	4 PER CHAIR/SPACE	
DEVICE SAFE	I PER DEVICE	
VOLUME CONTROL	I PER 5-POS	WALL MOUNT CAT-6 TO TELCO RACK - AMP SHELF
SPEAKERS	LV SPEAKER WIRE PER DEVICE	SOUND/SPEAKER CABLING (4 FOR EXPRESS, 6 FOR NEXTGEN? SPACED EVENLY ABOVE SALES FLOOR)
CM CAMERA MONITOR	I PER DEVICE	
LOCKERS	5 PER DEVICE	LABELED VLI, VL2, VL3, VL4, CI

	RECOMMENDED VENDORS
NFLEXON: TODD TASKERUD VERIZON@NFLEXON.COM 855-635-3966 T.TASKERUD@NFLEXON.COM 719-290-2222	RXL: ADI SANCHEZ ASANCHEZ@RXLUSA.COM 805-910-5948

CATEGORY & UTD CARLE PICER 10001 1997	NFLEXON	CBOBUPHORO	D				
CATEGORY 6 UTP CABLE, RISER, 1000', WHITE	NFLEXON	CB06UNWH0IK0	GC	GC	GC	-	GC
	RACK PAR	TG LIGT					
2U 48-PORT CAT-6 UTP ANGLED PATCH PANEL			GC		60	_	
19" TWO POST STANDARD 45U WELDED RACK - NO		PP06ANBK48P0		-	GC	<del>-</del>	_
EXEPTIONS	RXL	2021-BK-70-T	GC	-	GC	<u>-</u>	-
VERTICAL CABLE MANAGER	RXL	3353-BK70065	GC	-	GC	-	-
IU SINGLE SIDED UNIVERSAL HORIZONTAL CABLE MANAGER	RXL	3010-02-01	GC	-	GC	-	-
2U SINGLE SIDED UNIVERSAL HORIZONTAL CABLE	RXL	3010-02-02	GC	_	GC	_	_
MANAGER IU FILLER PANEL, BLACK	RXL	2030-02-01	GC	_	GC	_	_
2U FILLER PANEL, BLACK	RXL	2030-02-02	GC	_	60	-	_
SINGLE VENTED SHELF, I9" WIDE X II" DEEP, 2U BLACK	RXL	2053-02-02	GC	-	GC	-	-
IU POWER STRIP - IO OUTLETS	RXL	HBPU-IUI <i>OO</i>	GC	-	GC	-	_
BUS BAR KIT	RXL	9212-TGB	GC	-	GC	-	-
BUS BAR INSULATOR ASSEMBLIES  CONCRETE FLOOR INSTALLATION KIT	RXL RXL	9045-SBB 2038-CZ-01	6C 6C	_	6C 6C		-
VELOCITY CABLE SPOOL KIT, 4 SPOOLS, 2" DIAMETER X	RXL	8502-02-01	<i>G</i> C	_	60	_	_
6" LONG	100	0302 02 01					
	   FLOOR PAI	 RTS LIST					
CATEGORY 6 UTP KEYSTONE JACK, GRAY	NFLEXON	KJCT06GR0010	GC	_	GC	_	_
CATEGORY 6 UTP KEYSTONE JACK, WHITE	NFLEXON	KJT06WH0010	GC	_	GC	_	_
2 PORT FACEPLATE, PLASTIC, GRAY	NFLEXON	FPKYSJGRO2PO		_	GC	_	_
· · · · · · · · · · · · · · · · · · ·							
2 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJMH02P0		-	GC	-	-
4 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJMH04P0	GC	_	GC	-	_
6 PORT FACEPLATE, PLASTIC, WHITE	NFLEXON	FPKYSJWH06P0	GC	-	GC	-	-
MOUNTING BOX, SINGLE GANG, WHITE	NFLEXON	MBGANGWH0010	GC	_	GC	_	_
FACEPLATE BLANKS, PLASTIC, GRAY, BAG OF 20	NFLEXON	FPBLNKGR0500	GC	-	GC	-	-
FACEPLATE BLANKS, PLASTIC, WHITE, BAG OF 20	NFLEXON	FPBLNKWH0500	GC	-	GC	-	-
I PORT SURFACE MOUNT BOX, WHITE	NFLEXON	SMKYSJWHOIPO	GC	_	GC	-	_
2 PORT SURFACE MOUNT BOX, WHITE	NFLEXON	SMKYSJWH02P0	GC	_	GC	-	_
WIRELESS ACCESS POINTS	√Z	√Z	√Z	GC	GC	_	_
WAP BRACKETS	√Z	∨Z	VZ	-	GC	-	_
	AUDIO SYSTEM A	ND SPEAKERS					
DEVICE	VENDOR	PART NUMBER	FURNISH	CABLE	INSTALL	FINAL CONNECTIONS	TES1
ELICI MOINT OPENED (TAR CET BY INCTALLED OR CC)	ATI AG GOUND	EARASTC	√Z			-	sc
FLUSH MOUNT SPEAKER (TAP SET BY INSTALLER OR GC) PENDANT MOUNT SPEAKER TAP SET BY INSTALLER OR	ATLAS SOUND	FAP42TC		GC	GC	<del>-</del>	
6C)	JBL	65P/T-WH	VZ	GC	GC	-	50
SPEAKER WIRE 18GA-2COND. UNSHIELDED, PLENUM WHITE	LIBERTY SOLUTIONS	18-2C-P-WHT-50C	) VZ	GC	GC	-	GC
AUDIO AMPLIFIER	JBL	TBD	VZ	-	GC	-	VZ-G
WALL CONTROLLER WITH VOLUME CONTROL - WHITE	JBL	JBLCSRVWHTV	VZ	-	GC	50	SC-V
	I RADIO DESIGN	AV-HKI	∨Z	_	GC	SC	5C-V
HUM KILLER TRANSFORMER	RADIO DESIGN LABS						
HUM KILLER TRANSFORMER 6FT AUDIO CABLE RCA (M) TO RCA (M)	LABS C2G	13033	VZ	-	GC	SC	
HUM KILLER TRANSFORMER	LAB5 C2G C2G	13 <i>0</i> 33 29853	VZ VZ	-	6C 6C		
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK	LABS C2G C2G SECUR	13033 29853 RITY	VZ	-	60	SC SC	5C-V
HUM KILLER TRANSFORMER 6FT AUDIO CABLE RCA (M) TO RCA (M)	LAB5 C2G C2G	I3033 29853 RITY PART NUMBER				5C 5C	5C-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK	LABS C2G C2G SECUR	13033 29853 RITY	VZ	-	60	SC SC	SC-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE	LABS C2G C2G SECUR VENDOR	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT	VZ FURNISH	- CABLE	GC	SC SC FINAL CONNECTIONS	SC-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS	LABS C2G C2G SECUR VENDOR AXIS	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN	VZ FURNISH JCI-VZ	- CABLE GC	GC INSTALL SC	SC SC FINAL CONNECTIONS	5C-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR	LABS C2G C2G SECUR VENDOR AXIS	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT	VZ FURNISH  JCI-VZ  JCI-VZ	- CABLE GC	GC INSTALL SC GC	SC SC FINAL CONNECTIONS	5C-V TES1 5C-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER	LABS C2G C2G SECUR VENDOR AXIS AXIS - AD	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  GC  VZ	- CABLE GC - GC	GC INSTALL SC GC GC SC-VZ	SC SC FINAL CONNECTIONS SC - - SC-VZ	SC-V TES1 SC-V SC-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)	LABS C2G C2G SECUR VENDOR AXIS AXIS - AD WB	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT	FURNISH  JCI-VZ  JCI-VZ  GC  VZ  JCI-VZ	- CABLE GC - GC GC	GC INSTALL SC GC GC SC-VZ SC	SC SC FINAL CONNECTIONS SC -	5C-V TES1 5C-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT	LABS C2G C2G SECUR VENDOR AXIS AXIS - AD	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  GC  VZ  JCI-VZ  JCI-VZ	- CABLE GC - GC	GC INSTALL SC GC GC SC-VZ SC GC	SC SC FINAL CONNECTIONS SC - SC-VZ SC -	SC-V TES1 SC-V - SC-V SC
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR	LABS C2G C2G SECUR VENDOR AXIS AXIS - AD WB - SOFTWARE	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA  OE-32LEDMON -	FURNISH  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ	- CABLE  GC GC GC	GC INSTALL SC GC GC SC-VZ SC GC SC	SC SC FINAL CONNECTIONS SC - SC-VZ SC - SC	5C-V TEST 5C-V 5C-V 5C
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)	LABS C2G C2G SECUR VENDOR AXIS AXIS - AD WB	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA  OE-32LEDMON -	FURNISH  JCI-VZ  JCI-VZ  GC  VZ  JCI-VZ  JCI-VZ  JCI-VZ	- CABLE GC - GC GC -	GC INSTALL SC GC GC SC-VZ SC GC SC SC SC	SC SC FINAL CONNECTIONS SC - SC-VZ SC -	5C-V TEST 5C-V 5C-V 5C
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)	LABS C2G C2G SECUR VENDOR AXIS AXIS - AD WB - SOFTWARE	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA  OE-32LEDMON -	FURNISH  JCI-VZ  JCI-VZ  GC  VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ	- CABLE  GC GC GC	GC INSTALL SC GC GC SC-VZ SC GC SC SC GC	SC SC FINAL CONNECTIONS SC - SC-VZ SC - SC	5C-V TEST 5C-V 5C-V 5C
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR	LABS C2G SECUR VENDOR  AXIS AXIS AD WB - SOFTWARE HOUSE	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA  OE-32LEDMON -	FURNISH  JCI-VZ  JCI-VZ  GC  VZ  JCI-VZ  JCI-VZ  JCI-VZ	- CABLE GC GC GC - GC	GC INSTALL SC GC GC SC-VZ SC GC SC SC SC	SC SC FINAL CONNECTIONS SC - SC-VZ SC - SC	SC-V  TES1  SC-V  SC-V  SC - SC - SC
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)	LABS C2G C2G SECUR VENDOR  AXIS AXIS - AD WB SOFTWARE HOUSE -	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  GC  VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ	- CABLE GC GC - GC - GC GC	GC INSTALL SC GC GC SC-VZ SC GC SC SC GC	SC SC FINAL CONNECTIONS SC - SC-VZ SC - SC SC - SC	SC-V  SC-V  SC-V  SC-V  SC  SC-V  SC  SC-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)  PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)  ONE-BOX CONTROL PANEL (ISTAR+DSC+PS)  BATTERIES FOR ONE BOX AND ALARM PANEL	LABS C2G C2G SECUR VENDOR  AXIS AXIS AXIS AD WB SOFTWARE HOUSE SOFTWARE HOUSE SOFTWARE HOUSE SOFTWARE HOUSE	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ	- CABLE  GC GC - GC - GC - GC - GC GC GC GC	GC INSTALL SC GC GC SC-VZ SC GC SC SC SC SC SC	SC SC FINAL CONNECTIONS SC - SC-VZ SC - SC - SC SC - SC SC - SC SC SC SC	SC-V  SC-V  SC-V  SC-V  SC  SC  SC  SC  SC  SC  SC  SC  SC
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HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)  PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)  ONE-BOX CONTROL PANEL (ISTAR+DSC+PS)  BATTERIES FOR ONE BOX AND ALARM PANEL	LABS C2G C2G SECUR VENDOR  AXIS AXIS AXIS AD WB SOFTWARE HOUSE SOFTWARE HOUSE SOFTWARE HOUSE SOFTWARE HOUSE	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ	- CABLE  GC GC - GC - GC - GC - GC GC GC GC	GC INSTALL SC GC GC SC-VZ SC GC SC SC SC SC SC	SC SC FINAL CONNECTIONS SC - SC-VZ SC - SC - SC SC - SC SC - SC SC SC SC	SC-V  SC-V  SC-V  SC-V  SC  SC  SC  SC  SC  SC  SC  SC  SC
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HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)  PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)  ONE-BOX CONTROL PANEL (ISTAR+DSC+PS)  BATTERIES FOR ONE BOX AND ALARM PANEL  WIRELESS ALARM DEVICES  ALARM KEYPAD  ELECTRICAL BOX/CONDUIT FOR ALARM KEYPAD  ALARM MONITORING CENTRAL STATION (IF NOT REPORTING TO SOC, ELIZABETH NJ)	LABS C2G SECUR VENDOR  AXIS AXIS AXIS - AD WB - SOFTWARE HOUSE - SOFTWARE HOUSE - DSI DSI DSI	I3033 29853  RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  GC  GC  JCI-VZ  JCI-VZ  SGC  SC	- CABLE  GC	GC INSTALL SC GC GC SC-VZ SC GC SC	SC   SC	5C-V 5C-V 5C-V 5C-V 5C-V 5C-V 5C-V 5C-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)  PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)  ONE-BOX CONTROL PANEL (ISTAR+DSC+PS)  BATTERIES FOR ONE BOX AND ALARM PANEL  WIRELESS ALARM DEVICES  ALARM KEYPAD  ELECTRICAL BOX/CONDUIT FOR ALARM KEYPAD  ALARM MONITORING CENTRAL STATION (IF NOT REPORTING TO SOC, ELIZABETH NJ)  ELECTRIC CRASH BAR + POWER SUPPLY (EXISTING)	LABS C2G SECUR VENDOR  AXIS  AXIS  AXIS  - AD  WB  SOFTWARE HOUSE  - DSI DSI DSI	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  GC  GC  JCI-VZ  JCI-VZ  SCC  SC	- CABLE  GC	GC   INSTALL   SC   GC   SC   SC   SC   SC   SC   SC	SC   SC	SC-V  SC-V  SC-V  SC  SC  SC  SC  SC  SC  SC  SC  SC  S
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)  PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)  ONE-BOX CONTROL PANEL (ISTAR+DSC+PS)  BATTERIES FOR ONE BOX AND ALARM PANEL  WIRELESS ALARM DEVICES  ALARM KEYPAD  ELECTRICAL BOX/CONDUIT FOR ALARM KEYPAD  ALARM MONITORING CENTRAL STATION (IF NOT REPORTING TO SOC, ELIZABETH NJ)	LABS C2G SECUR VENDOR  AXIS  AXIS  AXIS  AD  WB  SOFTWARE HOUSE  - SOFTWARE HOUSE  - DSI DSI DSI	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  GC  GC  GC  JCI-VZ  JCI-VZ  JCI-VZ  GC  GC  GC  GC  GC  GC  GC  GC  GC  G	- CABLE  GC	GC   INSTALL   SC   GC   GC   SC   SC   SC   SC   SC	SC   SC	5C-V 5C-V 5C-V 5C-V 5C-V 5C-V 5C-V 5C-V
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)  PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)  ONE-BOX CONTROL PANEL (ISTAR+DSC+PS)  BATTERIES FOR ONE BOX AND ALARM PANEL  WIRELESS ALARM DEVICES  ALARM KEYPAD  ELECTRICAL BOX/CONDUIT FOR ALARM KEYPAD  ALARM MONITORING CENTRAL STATION (IF NOT REPORTING TO SOC, ELIZABETH NJ)  ELECTRIC CRASH BAR + POWER SUPPLY (NEW)  ELECTRIC CRASH BAR + POWER SUPPLY (NEW)  ELECTRIC LOCKSET + POWER TRANSFER HINGE/DOOR CORD	LABS C2G SECUR VENDOR  AXIS  AXIS  AXIS  AD  WB  SOFTWARE HOUSE  - DSI DSI DSI	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ	- CABLE  GC - GC	GC   INSTALL   SC   GC   GC   SC   SC   SC   SC   SC	SC   SC	5C-V 5C-V 5C-V 5C-V 5C 5C-V 5C 5C 5C 5C 5C 5C 5C 5C 5C
HUM KILLER TRANSFORMER  6FT AUDIO CABLE RCA (M) TO RCA (M)  CABLE WRAP 25FT - BLACK  DEVICE  CAMERAS  CAMERA BOX  CAMERA CONDUIT  NETWORK VIDEO RECORDER & POE SWITCH FOR CAMERAS ONLY  CAMERA MONITOR (PROGRAM CAMERA VIEWS PER MONITOR)  CAMERA MONITOR MOUNT  BALUN FOR CAMERA MONITOR  CARD READER + DOOR CONTACT + REX MOTION (PARTS)  PREPARE CARD ACCESS AT DOOR (CUT HOLES FOR DOOR CONTACT)  PREPARE CARD ACCESS AT DOOR (BOXES/CONDUIT)  ONE-BOX CONTROL PANEL (ISTAR+D5C+P5)  BATTERIES FOR ONE BOX AND ALARM PANEL  WIRELESS ALARM DEVICES  ALARM KEYPAD  ELECTRICAL BOX/CONDUIT FOR ALARM KEYPAD  ALARM MONITORING CENTRAL STATION (IF NOT REPORTING TO SOC, ELIZABETH NJ)  ELECTRIC CRASH BAR + POWER SUPPLY (NEW)  ELECTRIC CRASH BAR + POWER SUPPLY (NEW)  ELECTRIC LOCKSET + POWER TRANSFER HINGE/DOOR CORD  DOOR PREP (CORE FOR WIRE TO LOCKSET)	LABS C2G SECUR VENDOR  AXIS AXIS AXIS AD WB - SOFTWARE HOUSE - SOFTWARE HOUSE - DSI DSI	I3033 29853 RITY  PART NUMBER  SEE SECURITY PLAN  TO FIT CAMERA	FURNISH  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  JCI-VZ  GC  GC  GC  GC  GC  GC  GC  GC  GC  G	- CABLE  GC GC GC GC GC GC GC GC GC - GC	6C INSTALL SC GC GC SC-VZ SC GC SC SC SC GC SC GC GC SC	SC   SC	5C-V 5C-V 5C-V 5C-V 5C-V 5C-V 5C-V 5C-V
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RESPONSIBILITY MATRIX

CABLE

NFLEXON

GC - GENERAL CONTRAC TOR CC - COMMUNICATION CONTRACTOR

E+ - ENGINEERING PLUS (SECURITY CONSULTANT)

CBO6UPWHOIKO GC

VENDOR PART NUMBER FURNISH CABLE INSTALL PROGRAM TEST

ALL WORK IS BY THE GENERAL CONTRACTOR UNLESS NOTED, OTHERWISE AS FOLLOWS:

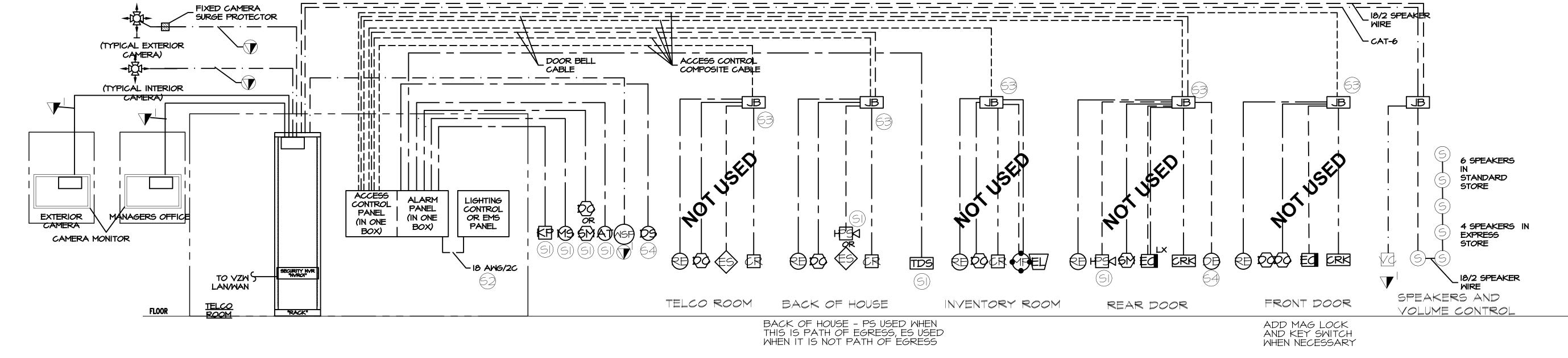
EC - ELECTRICAL CONTRACTOR

DEVICE

VZ - VERIZON CORPORATE SECURITY SC - SECURITY CONTRACTOR (VENDOR)

JCI - DIRECT EQUIPMENT PROVIDER FOR VERIZON

CATEGORY 6 UTP CALBLE, PLENUM, 1000', WHITE



TYPICAL SECURITY WIRING DIAGRAM
SCALE: NONE

**ARCHITECT** 

MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

MEP ENGINEER

Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

STAMP

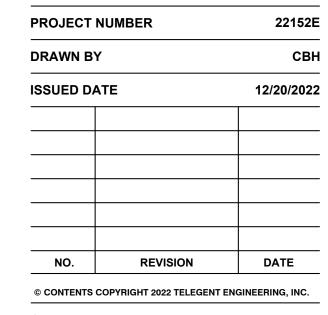
Florida State Statute Requirement: This item has been electronically signed and sealed by Timothy J. Smidt using a digital signature and date. Printed copies of this document are not considered signed and sealed and the signature must be verified on any electronic copies.

**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

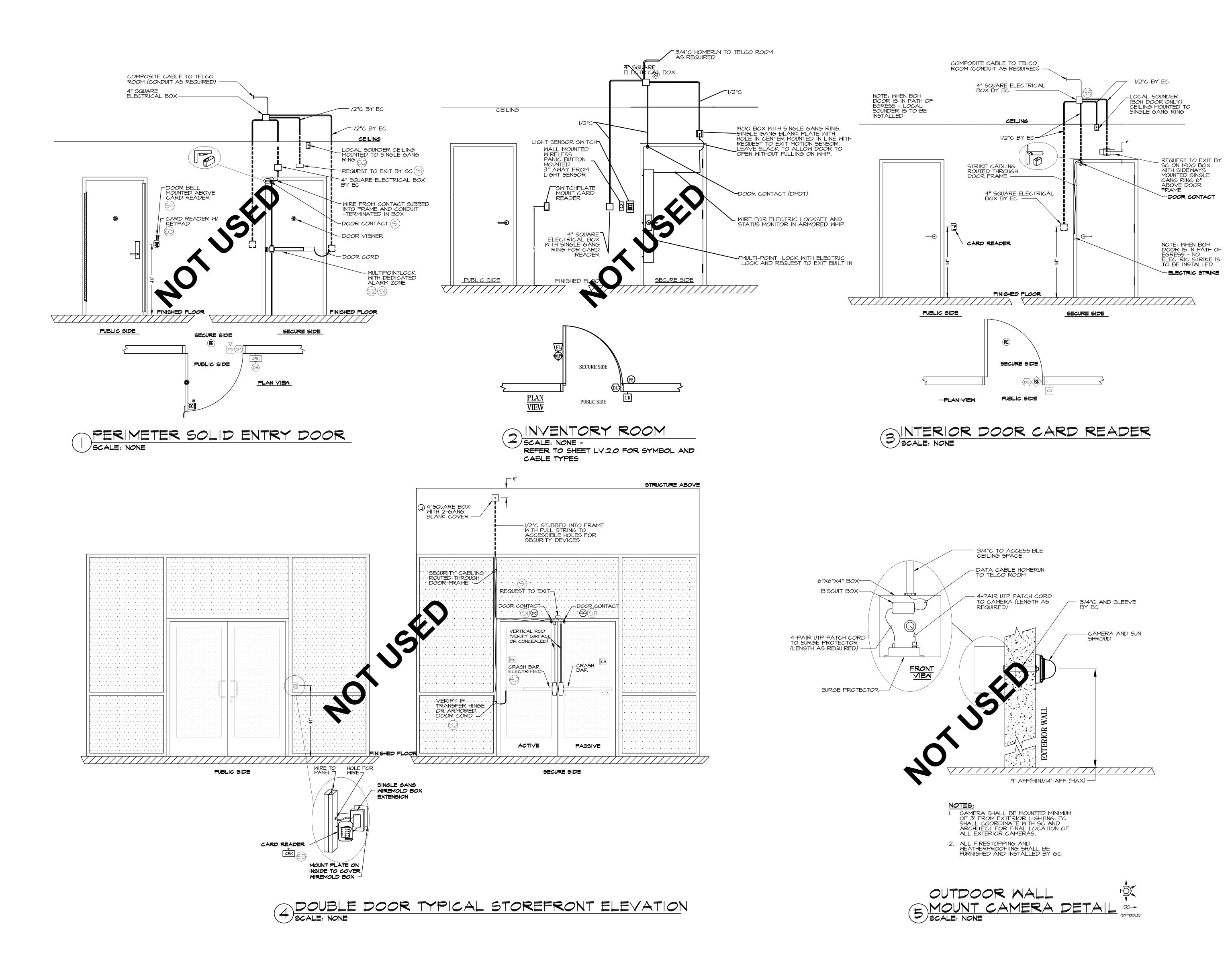


SHEET TITLE Low Voltage

Schedules & Riser

SHEET NUMBER

93.04





ARCHITECT

MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

**MEP ENGINEER** 

Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

STAMP

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CLIENT/OWNER Verizon James Baxter One Verizon Place 2B1-FAC

PROJECT NAME

Alpharetta, Georgia 30004

# **Verizon** Lake City NextGen Refresh

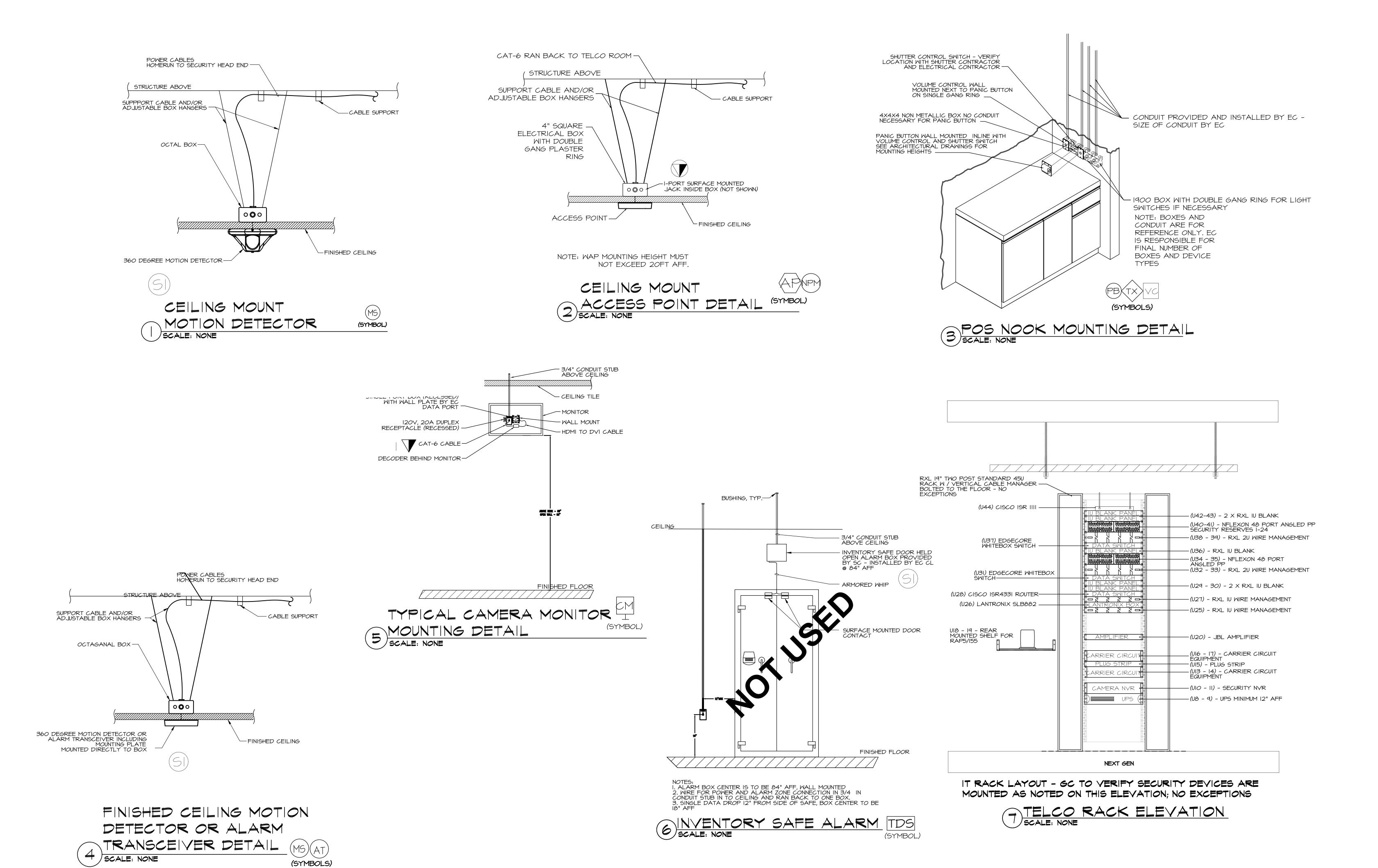
2750 W US Hwy. 90 Lake City, FL 32055

PROJECT	NUMBER	2
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ISSUED DA	ATE	12/2
NO.	REVISION	DA
© CONTENTS	COPYRIGHT 2022 TELEGENT	ENGINEERIN
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### **Security Details**

SHEET NUMBER

93.05





**ARCHITECT** 

MRA Architectural Services, Inc. 1414 Key Highway, Suite M301 Baltimore, Maryland 21230 443-490-7201

**MEP ENGINEER** 

Telegent Engineering, Inc. 2216 Commerce Road, Suite 1 Forest Hill, Maryland 21050 410-692-5816

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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 N	22152		
DRAWN BY	СВ		
ISSUED DAT	Έ	12/20/202	
NO.	REVISION	DATE	

Security **Details** 

SHEET TITLE

SHEET NUMBER

93.06

#### GENERAL NOTE:

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.

#### OVERHEAD AUDIO - PROJECT OUTLINE

#### SPEAKERS:

I. 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

#### AUDIO AMPLIFIER:

I. 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. 70.7V = POSITIVE (+) CONNECTED TO SPEAKER INPUT POSITIVE (+)
  6. POWER-RING ILLUMINATED BLUE MEANS THE AUDIO AMPLIFIER IS POWERED ON.
  GREEN IS POWER OFF.

#### WALL MOUNTED YOLUME CONTROL:

I. JBL CSR-V VOLUME CONTROL CONNECTS TO THE AMPLIFIER WITH A STANDARD CATS CABLE, TERMINATED TO RJ-45 ON BOTH ENDS. AUDIO SOURCE HEAD END DIAGRAM WIRE #2001

- 2. CABLE TYPE: CAT5 (CATEGORY 5)
- 3. STRAIGHT-THROUGH CABLE
- 4. T568B STANDARD
- 5. RJ-45 ON BOTH ENDS.

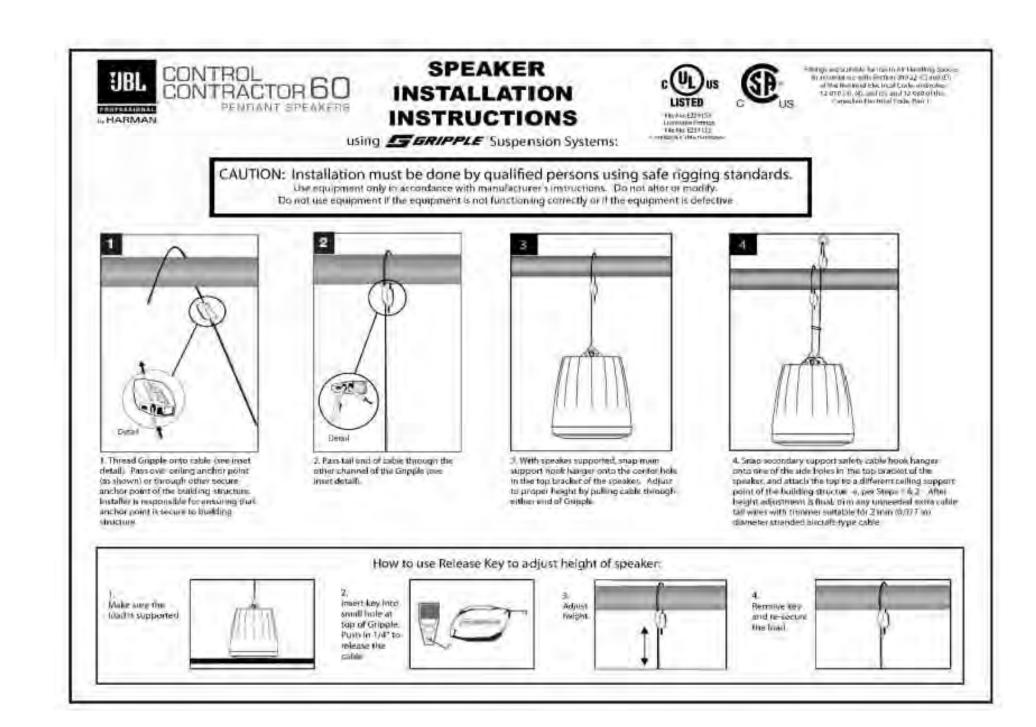
#### SOURCE AUDIO & RDL AV-HKI:

I. 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.

#### MIRE MANAGEMENT

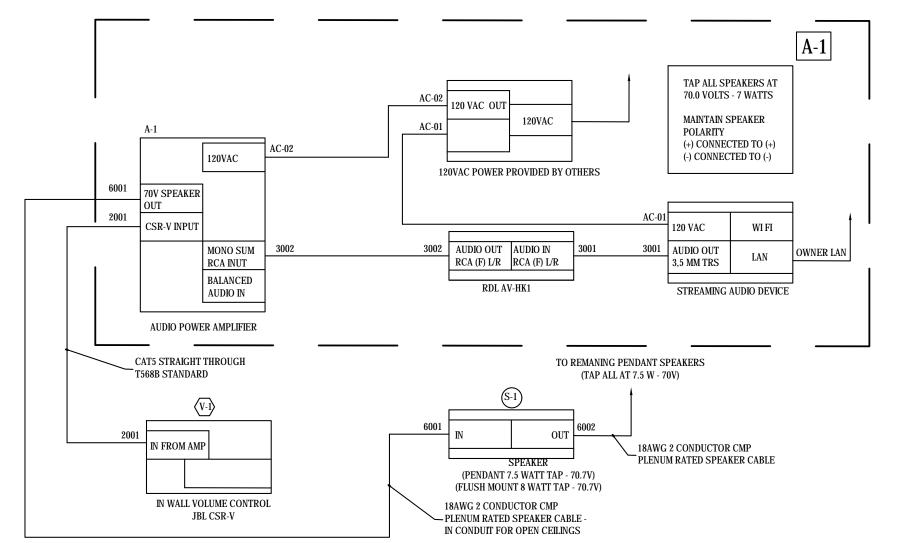
- I. LEGRAND 29853 CABLE WRAP IS A HOOK-AND-LOOP TYPE FASTENER. USE THIS FASTENER TO SECURE ALL SPEAKER WIRING, POWER CABLES, AUDIO CABLE AND LAN CABLES FOR WIRE MANAGEMENT. CUT TO REQUIRED LENGTH PER USAGE CASE
- 2. SECURE ALL CABLING ACCORDING TO AVIXA STANDARD F502.01:2018





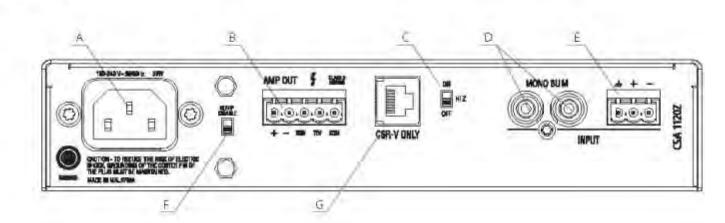


#### A-I AUDIO SOURCE HEADEND - RACK MOUNTED



<b> </b>	ARDWARE C	OMPONE	NTS
MODEL/ PART NUMBER	DESCRIPTION	MFR	QTY
C65P/T	JBL PROFESSIONAL - COMPACT FULL-RANGE PENDANT SPEAKER - 75 WATT - WHITE	JBL	VARIES BY STORE
FAP42TC	ATLAS 4" COAXIAL IN -CEILING SPEAKER SYSTEM WITH 70.7 / IOOV-I6W TRANSFORMER AND 8-OHMS BYPASS - SHALLOW MOUNTING DEPTH - WHITE	ATLA6	VARIES BY STORE
PROVIDED BY VZ	JBL PROFESSIONAL 120 WATTS COMMERCIAL SERIES AMPLIFIER	JBL	ı
JBLCSRVWHTV	JBL PROFESSIONAL - WALL CONTROLLER WITH VOLUME CONTROL - WHITE	JBL	I
18-2C-P-WHT-500	WHITE COMMERCIAL GRADE GENERAL PURPOSE 18 AWG 2 COND PLENUM CABLE REEL - 500'	LIBERTY AV SOLUTIONS	I
AV-HKI	RADIO DESIGN LABS - HUM KILLER TRANSFORMER	RADIO DESIGN LABS	I
13033	VELOCITY 6FT VELOCITY RCA STEREO AUDIO CABLE - AUDIO CABLE - RCA (M) TO RCA (M) - 6FT - STP-BLUE	C2G	I
29853	PREMISE PLUS - CABLE WRAP - 25FT - BLACK	C26	1

#### Appendix-B:



- 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

CITY STUDIO

ARCHITECT

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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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(EXISTING) (SURFACE)		*	PA	NE	LF	<b>&gt;</b> 🕠	KAI
120 / 240	√OLTS	1	Φ	3	MIRE	225	AMP MAIN L.O.
DESCRIPTION	KVA	CB	CKT	CKT	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	1.08	RECP - STORAGE
LTS - TRACK - RETAIL SALES	.72	20	7	ප	20	.50	LIGHTING - BACK AREA
CANOPY - LIGHTS	.50	20	9	10	20	.56	OPS WIREMOLD
INTERIOR LOCKER	.36	20	11	12	20	.56	OPS WIREMOLD
RECEPS	.36	20	13	14	20	.54	OPS / REPAIR WALL RECEPS
BILL PAY / MY ACCOUNT	.36	20	15	16	20	.36	RECEP - TECH ROOM
RECP - RETAIL FIXTURES	.72	20	17	18	20	.54	PLUGMOLD - TECH ROOM
RECP - RETAIL FIXTURES	1.08	20	19	20	20	.36	OPS WIREMOLD
RECP - DEVICE RACK	1.08	20	21	22	20	.36	RECEP - TOILETS, EMC
RECP - DEVICE RACK	1.08	20	23	24	20	-	SPARE
TICKER MONITOR	.54	20	25	26	20	.50	SCREEN / OPS PLUGMOLD
RECP - FOCAL WALL	.72	20	27	28	20	.72	MANAGER'S OFFICE
LTS - RETAIL SALES	.70	20	29	30	20	-	SPARE
RECP - 5 POS	.36	20	31	32	20		SPARE
FUTURE BILL PAY	.36	20	33	34	20	.50	COPY MACHINE
SPARE	-	20	35	36	20		SPARE
D.C. PAVER SUPPLY	.50	20	37	38	20	.50	MANAGER'S SECURITY MONITOR
PARKING LOT LIGHTS	3.00	30	39	40	30	3.00	MATER HEATER
RECP - EMC	.50	20	41	42	20	.20	TVO
EXISTING LOAD: LIGHTING LOAD: RECEPTACLE LOAD: MISC LOAD: MECHANICAL LOAD: WATER HEATER LOAD: ELECTRIC HEAT LOAD: ** TOTAL LOAD:						16.23 1.42 7.02	KVA x 125% 20.29 KV/ KVA x 125% 1.78 KV/ +(0.00 x 50%) 7.02 KV/ 0.00 KV/ 0.00 KV/ 0.00 KV/ 29.08 KVA = 121.18 A @
* PANELBOARD FEEDERS ARE							120/240√, 1Ф, 3

\*\* ALL LOADS ARE BASED UPON N.E.C. ARTICLE 220

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

VIA EXISTING LIGHTING CONTROLS. VERIFY CIRCUITS AND CONTACTORS IN THE FIELD.

(3) PROVIDE SWITCH RATED BREAKER AND MARK AS "SWD".

(EXISTING) (SURFACE)		*	PA	NE	L N	1 💠	KAK
120 / 240	VOLT5	1	Ф	3	MIRE	500	AMP MAIN CB
DESCRIPTION	KVA	СВ	СКТ	CKT	CB	KVA	DESCRIPTION
BUILDING SIGN	1.20	20	1	2	20	1.20	PARKING LOT SIGN
AC #1	5.00	40	3 5	4	40	5.00	AC #2
AC #3	5.00	40	7	ව 10	40	5.00	AC #4
AHU #1	7.00	60	11 13	12 14	60	7.00	AHU #2
S# UHA	7.00	60	15 17	16 18	60	7.00	AHU #4
QUE SCREENS	.20	20	19	20	20	.36	TELCO RACK
SPARE	-	20	21	22	20	.36	TELCO RACK
SPARE	-	20	23	24	20	.50	COFFEE MACHINE
SPARE	-	20	25	26	20	1.00	REFRIGERATOR
GFCI - BREAK AREA	.54	20	27	28	20	-	SPARE
RECEP - EWC / STORAGE	.72	20	29	30	20	.20	LIGHTING - FRONT AREA
PANEL P	29.08	200	31 33 35				
EXISTING LOAD: LIGHTING LOAD: RECEPTACLE LOAD: MISC LOAD: MECHANICAL LOAD: PANEL P LOAD: ** TOTAL LOAD:						54.28 0.00 0.00	

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

\*\* ALL LOADS ARE BASED UPON N.E.C. ARTICLE 220

# ELECTRIC SERVICE CALCULATION

PANEL "M" EXISTING SERVICE LOAD (PRIOR TO DEMOLITION): 108.36 KVA PANEL "M" NEW SERVICE LOAD (AFTER NEW WORK): TOTAL DECREASE IN KVA LOAD: 96.93 KVA 11.43 KVA = 47.6A @ 120/208V, 34, 4M

		CONTACTO	R SCH	EDULE	
CONTACTOR NO.	AMPS	PANELBOARD CIRCUIT NO.	CONTRO VOLTS	L CIRCUIT  OPERATION BY	LOAD NAME / ZONES
CI (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-29	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 CON	TROLS/CON	ITACTORS ARE EXISTING. CONTR	ACTOR SHAL	L RE-USE IN DE	SIGN

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

N STORE	EXTERIOR ——		
EXISTING TELECOM RM			
3 P 4 3 M LC LC 225A 5500A		EXISTING INCOMING ELECTRIC SERVICE (120/240V, 10, 3W)	EXISTING UTILITY POLE AND TRANSFORMER

# 12 POMER RISER DIAGRAM NO SCALE

# RISER DRAMING NOTES

- 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		CATALOG NO.
CR37	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 LTG 3622-DI-ST-L-C-44- S-7-D-E
CR37-em	LED 3000°	RECESSED (GRID)	SAME AS FIXTURE CR-37 WITH INTEGRAL BATTERY PACK. INSTALL WITH CURVED ACRYLIC PANEL ORIENTED FROM FRONT OF STORE TO REAR. INPUT: 30W	PHILIPS LEDALITE LTG 3622-DI-ST-L-C-44- S-N-D-E
CR-Ola	LED 2300 LUMEN 3000°	RECESSED (DRYWALL)	4.75" RECESSED LED DOWNLIGHT WITH SEMI-DIFFUSE REFLECTOR WITH MATTE WHITE TRIM (120V) INPUT: 42W	AMERLUX LTG E4.75R-G2-42-LED- E-I20 HSG E4.75RD-GC-MW-W- VWF
ES-I	LED	SURFACE (CEILING)	CEILING RECESSED MOUNTED EXIT SIGN. 120/277 SALES AREA	ENCORE LIGHTING UNO SERIES SUPER UNIVERSAL X/RC/I/C
E5-2	LED	SURFACE (WALL)	WALL RECESSED MOUNTED EXIT SIGN. 120/277 BACK OF HOUSE	ENCORE LIGHTING UNO SERIES SUPER UNIVERSAL X/RW/I/C
E5-3	LED	RECESSED (WALL)	WALL RECESSED MOUNTED EXIT SIGN. 120/277 *CONNECTICUT COMPLIANT HANDICAP ACCESSIBLE	ISOLITE LPX-CT SERIES
F4A	SOLAIS LTG (I) LAMP LR30-40- 30V-WHITE, 40° BEAM, I450 lumens	N/A	WHITE LED ADJUSTABLE TRACK HEAD WITH WIDE FLOOD DISTRIBUTION MOUNTED TO BASIC TRACK. I20V INPUT WATTS: I8W	JUNO LIGHTING T83IWH
F4B (X')	N/A	N/A	ONE-CIRCUIT TRACK. SEE PLAN FOR RUN LENGTH	JUNO LIGHTING T2WH, T4WH, T6WH, T8WH
F4A-DH	SOLAIS LTG (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: T40N-WH W/VIOLIGHT. PROVIDE WITH I5W MAX. RELAMP STICKERS INPUT WATTS: 36W	JUNO LIGHTING T832WH
F6-EM	LED	RECESSED (CEILING)	SAME AS F6, BUT INCLUDES EMERGENCY BACKUP.	MARK ARCHITECTURAL LTG WHISPER LED SERIES WHSPR 2X2 3300LM 30K 80CRI MINI ZT MVOLT SWC EIOWLCP
F8	LED 16W 2700° 1250 lumens	PENDANT	CUSTOM 16" GOODYEAR PENDANT. USE OVER COLLABORATION TABLES ONLY	BARN LIGHT ELECTRIC BLE-C-WHAI6-IO6- INSIDE-FLAT WHITE-CGB-20FT- I250-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-WHAI2-106- CSB20'-LEDI6-2700
F7-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 LMIGN-NC-EM-CU-MR
M-08	I-12.5M	SURFACE	PRO SERIES SOFT TASK LED UNDERCABINET LIGHT FIXTURE WITH POLY CARBONATE DIFFUSER AND WHITE EXTRUDED ALUMINUM HOUSING. (120V) INPUT: 12.5W	JUNO LTG UPS30-30K-90CRI- WH
A	LED 50W	RECESSED	2X4 LED ADJUSTABLE SWITCHABLE FLAT PANEL LIGHT FIXTURE. (120V/277) INPUT: 50W RENOVATED BOH AREAS TO REPLACE 2X4 FLUORESCENT LIGHT FIXTURES.	LITHONIA LTG CPX LED PANEL
Aem	LED 50W	RECESSED	SAME AS FIXTURE "A", BUT WITH INTEGRAL BATTERY PACK	LITHONIA LTG



**ARCHITECT** 

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PROJECT NAME

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# **Verizon** Lake City NextGen Refresh

2750 W US Hwy. 90 – Lake City, FL 32055

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ISSUED DA	TE	12/20/2022
NO.	REVISION	DATE

Schedules & **Power Riser** 

SHEET NUMBER

94.01