Walmart

MAJOR PROJECTS 2022

LAKE CITY, FL
STORE NO.: 0767-247

REMODELED SQ FT: 10,000
EXISTING SQFT: 201,789
PROTO CYCLE: 09/24/21
DATE: 11/22/21
PROTO: 188 PROTO SC

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BUILDING CODE SUMMARY

	NAME OF PROJECT	LAKE CITY, FL
WT	STREET ADDRESS	2767 W US HIGHWAY 90
	STORE MANAGER	MATTHEW STANLEY
	PROPOSED USE	MERCANTILE
CODES	BUILDING CODE	2020 FLORIDA BUILDING CODE - BUILDING, 7TH EDITION
	EXISTING BUILDING CODE	2020 FLORIDA BUILDING CODE - EXISTING BUILDING, 7TH EDITION
	ELECTRICAL CODE	2017 NATIONAL ELECTRICAL CODE
	PLUMBING CODE	2020 FLORIDA BUILDING CODE - PLUMBING, 7TH EDITION
	MECHANICAL CODE	2020 FLORIDA BUILDING CODE - MECHANICAL, 7TH EDITION
	FIRE CODE	2020 FIRE PREVENTION CODE - 7TH EDITION
	ACCESSIBILITY CODE	2020 FLORIDA BUILDING CODE - ACCESSIBILTY, 7TH EDITION
	LIFE SAFETY	2020 FLORIDA FIRE PREVENTION CODE, 7TH EDITION (NFPA 1 & 101)
OCCUPANCY	M - MERCANTILE; WHOLESALE OR RETAIL STORE (MAIN USE)	- SECT 309.1
	S1 - STORAGE AREA; MOTOR VEHICLE STATION AND RECEIVING AND STOCKROOMS (MIXED USE)	- SECT 311.2
	A2 - ASSEMBLY USE; BREAKROOM AND FOOD TENANT (ACCESSORY TO MAIN USE)	- SECT 303.1
	B - BUSINESS; NON FOOD TENANT (ACCESSORY TO MAIN USE)	- SECT 304.1
TYPE OF CONSTRUCTION	II-B UNPROTECTED (SPRINKLERED)	PER SECT 602.2 AND TABLES 601 AND 602
ALLOWABLE AREA	UNLIMITED	SECTION 507.2 SECTION 507.3
FIRE PROTECTION	BUILDING IS EQUIPPED THROUGHOUT WITH AN AUTOMATIC SPRINKLER SYSTEM AND IS SURROUNDED ON ALL SIDES BY 60 FEET MINIMUM OF PERMANENT OPEN SPACE. UNLIMITED AREA CRITERIA IS APPLICABLE.	
CLASSIFCATION OF WORK - (EXISTING BUILDING CODE)	LEVEL 2 - ALTERATIONS INCLUDE THE RECONFIGURATION OF SPACE, THE ADDITION OR ELIMINATION OF ANY DOOR OR WINDOW, THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM, OR THE INSTALLATION OF ANY ADDITIONAL EQUIPMENT.	
EGRESS	NO CHANGES PROPOSED TO THE EIXSTING BUILDING AREA, OCCUPANCY OR EGRESS. ALL EXISTING EXITS TO REMAIN.	

NOTE: EXISTING SQUARE FOOTAGE, EXISTING PATHS AND EGRESS WIDTH WILL NOT BEW IMPACTED BY THE REMODEL SCOPE OF WORK

NOTE: EXISTING BUILDING ALTERATION IS LEVEL 2

NOTE: BUILDING WILL BE OCCUPIDE DURING CONSTRUCTION, AREAS WILL BE SECTIONED OFF WITH DUST PARTITIONS OR SECURITY FENCING AS NEEDED.

INTERIOR WALL AND CEILING FINISH REQUIREMENTS BY OCCUPANCY TABLE 803.11

GROUP	INTERIOR EXIT STAIRWAY AND RAMPSOAND EXIT PASSEGEWAY	CORRIDORS AND ENCLOSURE FOR EXIT ACCESS STAIRWAYS AND RAMPS	ROOMS AND ENCLOSED SPACES
A1 & A2	B	B	C
B,E,M,R-1	B	C	C
S	B	C	C
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			

VICINITY MAP

GENERAL SCOPE OF WORK

- EXTERIOR SURFACES: CLEAN, PREP AND PAINT
- INTERIOR WALLS: CLEAN, PREP AND PAINT
- PHARMACY: PAINT, FIX AND CLEAN AS NOTED
- PHOTO LAB: RELOCATE
- GARDEN CENTER: REFURBISH AS NOTED/CLEAN AND PAINT
- CUSTOMER SERVICE: REMODEL AS NOTED.
- FLOOR TILE: REPAIR/REPLACE AS NOTED
- GROCERY: REMODEL, REPAIR/REPLACE EQUIPMENT AS NOTED
- ENTRY VESTIBULE: CLEAN AND PAINT
- SIGNAGE: INSTALL/REPLACE EXTERIOR SIGNS AS NOTED
- AUTO CENTER: REFURBISH
- VISION CENTER: PAINT, FIX AND CLEAN AS NOTED
- MONEYCENTER: CLEAN AND PAINT AS NOTED, AND REMODEL EXISTING MONEY CENTER

GENERAL NOTES

1. BUILDING WILL BE FULLY SPRINKLERED AS REQUIRED BY CONTRACT DOCUMENTS. SUBMIT FIRE SPRINKLER SYSTEM DRAWINGS AND CALCULATIONS TO AUTHORITIES HAVING JURISDICTION (FIRE DEPARTMENT, FIRE MARSHAL, ETC). OBTAIN ALL APPROVALS PRIOR TO FABRICATION OR INSTALLATION.
2. OWNER WILL PROVIDE, OR HAS ALREADY PROVIDED, FIRE EXTINGUISHERS IN ACCORDANCE WITH NFPA 10. AUTHORITY HAVING JURISDICTION WILL APPROVE FINAL FIRE EXTINGUISHER LOCATIONS.
3. WAL-MART'S ALARM CENTRALS ENGINEERING TEAM HAS CONTACTED THE AUTHORITY HAVING JURISDICTION FOR PRE-PLAN DATA ABOUT STATE AND LOCAL REQUIREMENTS THAT DIFFER FROM THE NATIONALLY PUBLISHED CODES AND STANDARDS. A COMPLETE SITE SPECIFIC SUBMITTAL IS BEING MADE DIRECTLY TO THE AUTHORITY HAVING JURISDICTION. QUESTIONS SHOULD BE DIRECTED TO 1-800-530-9924, OPTION 3.
4. THE MAXIMUM STORAGE HEIGHT IS TWELVE FEET EXCEPT IN THE GENERAL MERCHANDISE RECEIVING AREA IMMEDIATELY ADJACENT TO THE DOCK DOORS. THE STOCKROOM WILL HAVE A STACKING HEIGHT OF 15 FEET OF CLASS I-IV COMMODITIES IN FIXED, SINGLE AND DOUBLE ROW RACKS. THE STACKING HEIGHT OF THE ROLLING RACK AREA WILL NOT EXCEED 12 FEET.
5. REFER TO SPECIFICATION SECTIONS 01600 - PRODUCT REQUIREMENTS AND APPENDIX A - PRODUCTS AND WORK BY OWNER OR SEPARATE CONTRACTOR. THESE SECTIONS INCLUDE SPECIFIC INFORMATION REGARDING ITEMS AND SERVICES TO BE FURNISHED AND INSTALLED BY INDIVIDUALS OTHER THAN THE GENERAL CONTRACTOR.
6. REINSTALL ALL FIRE EXTINGUISHERS IMMEDIATELY FOLLOWING COMPLETION OF FINAL FINISH TO MOUNTING SURFACE.
7. REFER TO GENERAL CONTRACTOR PERMIT, REGISTRATION, NOTIFICATION INSPECTION & INSTALLER CERTIFICATION(GCPRN) REPORT LOCATED IN GC PERMIT INFORMATION FOLDER ON OWNER'S DOCUMENT DELIVERY WEBSITE.

ARCHITECTURAL	STRUCTURAL	MECHANICAL/PLUMBING	REFRIGERATION	ELECTRICAL	RACKING	CIVIL	BUILDING OFFICIAL
CUHACI & PETERSON LLC ANTHONY D MURPHY 2600 MAITLAND CENTER PRWY. STE. #200 ORLANDO, FLORIDA 32751 407-661-9100	JOHNSTON BURKHOLDER ASSOCIATES BART J. HALVERSON 930 CENTRAL STREET KANSAS CITY, MO 64105 816-421-4200	CUHACI & PETERSON LLC JOSE J. DIAZ 2600 MAITLAND CENTER PRWY. STE. #200 ORLANDO, FLORIDA 32751 407-661-9100	HENDERSON ENGINEERS TREVOR G. JONES 8345 LENEXA DRIVE, SUITE 300 LENEXA, KANSAS 66214 913-742-5001	CUHACI & PETERSON JAISON P. MORAS 1925 PROSPECT AVENUE ORLANDO, FL 32814 407-661-9100	JOHNSTON BURKHOLDER ASSOCIATES BART J. HALVERSON 930 CENTRAL STREET KANSAS CITY, MO 64105 816-421-4200	CPH HOWARD L. RAY 500 WEST FULTON STREET SANFORD, FLORIDA 32771 407-322-6841	CITY OF LAKE CITY DAVE YOUNG 205 N. MARION AVE. LAKE CITY, FL 32055 386-719-5752

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STATE OF FLORIDA
ANTHONY D MURPHY
REGISTERED ARCHITECT
AR100424
12/20/21

COVER SHEET

SHEET: C1

12/20/2021 4:47:19 PM
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RESPONSIBILITY MATRIX

THE PURPOSE OF THIS DOCUMENT IS TO PROVIDE EASY ACCESS TO SOME OF THE IMPORTANT INFORMATION NEEDED FOR THIS PROJECT. THIS MATRIX IS NOT AN INCLUSIVE SCOPE OF WORK AND DOES NOT REPLACE THE REQUIREMENTS IDENTIFIED IN THE REST OF THE CONTRACT DOCUMENTS.

ITEM DESCRIPTION	FURNISHED BY	INSTALLED BY	COORDINATION TASK	CONTACT	PHONE & EMAIL	LOCATION IN DOCUMENTS
RESTROOM PARTITION FIELD VERIFICATION TEMPLATE - SUBMISSION TO THE PRE-SELECTED SUPPLIER	GC	GC	GC - COMPLETE THE TEMPLATE AND RETURN EARLY TO ENSURE ON-TIME DELIVERIES OF PARTITIONS.	HJC	800-459-7099 WWW.HJCINC.COM/TPDEMS.PDF	SPECIFICATION 10160
OWNER'S INDEPENDENT EXTERIOR COATINGS INSPECTION	OWNER	OWNER	GC TO NOTIFY OWNER'S 3RD PARTY INSPECTOR OF EXPECTED DATE OF EXTERIOR PAINT COMPLETION	FLAGSIN GROUP	(770) 515-9143; KELLY@FLAGSINGROUP.COM KELLY COLLINS	N/A
MONITOR SUPPORT KIT AND WALL MOUNTED MONITOR BRACKET FOR ALL MONITORS EXCLUDING THE PICK-UP ORDER READY BOARD (ORB) AND OVERSIZED ITEMS MONITOR (OIM)	OWNER	GC	GC PROVIDES POWER DROP; DATA CONTRACTOR TO PROVIDE DATA DROP; GC INSTALL SUPPORT TO JOIST/BLOCKING AT WALL, POLE BRACKET & MOUNT; OWNER'S INSTALLER PROVIDES & INSTALLS TV AND DRIVER	WREN SOLUTIONS	(573) 893-2249 ORDERS@WRENSOLUTIONS.COM	A5, 7/A9, GA1, AC1, MC1, PHM1 & PH1 APPENDIX A : OWNER...
MONITOR SUPPORT KIT AND WALL MOUNTED MONITOR BRACKET USED FOR THE PICK-UP ORDER READY BOARD (ORB) AND OVERSIZED ITEMS MONITOR (OIM)	GC	GC	GC PROVIDES POWER DROP; DATA CONTRACTOR TO PROVIDE DATA DROP; GC INSTALL SUPPORT TO JOIST/BLOCKING AT WALL, POLE BRACKET & MOUNT; OWNER'S INSTALLER PROVIDES & INSTALLS TV AND DRIVER	WREN SOLUTIONS	(573) 893-2249 ORDERS@WRENSOLUTIONS.COM	A5, GA1, BR1 & AC1
SCENT SYSTEM	OWNER	OWNER (THIRD PARTY VENDOR)	COORDINATE INSTALL WITH OWNER SUPPLIED VENDOR AFTER RESTROOM ELECTRICAL WORK IS COMPLETE PER SPEC	PROLITEC, INC	MELISSA MAKER CUSTOMER CARE-DISPATCHER, PROLITEC, INC. 414.615.4602	SPECIFICATIONS APPENDIX A
NEW AUTO SLIDING DOOR PACKAGES, INCLUDING NEW PICKUP OR EXPANSION DOORS.	OWNER	OWNER	GC TO CONFIRM DOOR MANUFACTURER'S ROUGH OPENING AND DRAWINGS DIMENSIONS BEFORE DOORS CAN BE BUILT AND SHIPPED. DOOR PRODUCTION DOES NOT BEGIN UNTIL ROUGH OPENINGS ARE CONFIRMED.	STANLEY ACCESS TECHNOLOGIES RECORD-USA	STANLEY ACCESS TECHNOLOGIES, FARMINGTON, CT CONTACT: CARLA MESSINA, NATIONAL ACCOUNTS PROJECT MANAGER, (860) 801-0267 RECORD-USA MONROE, NC CONTACT: DAVID PICKERS, VP OF DIRECT SALES, (704) 315-7392	REF SPECIFICATION 01600 FOR LONG LEAD TIMES
REPLACEMENT OF EXISTING AUTO SLIDING DOOR INCLUDING PICK-UP & OTHER LOCATIONS	OWNER	OWNER	STANLEY DISPATCHES TECHNICIAN TO CONFIRM EXISTING CONDITIONS AND ROUGH OPENINGS	STANLEY ACCESS TECHNOLOGIES RECORD-USA	STANLEY ACCESS TECHNOLOGIES, FARMINGTON, CT CONTACT: CARLA MESSINA, NATIONAL ACCOUNTS PROJECT MANAGER, (860) 801-0267 RECORD-USA MONROE, NC CONTACT: DAVID PICKERS, VP OF DIRECT SALES, (704) 315-7392	
AP GATE CALIBRATION - REPLACE CHECKLIST W/ SIMPLFIED START/COMPLETION DATES IN SPOCK		OWNER	GC ADDS DATES TO SPOCK FOR: 1. COMPLETION 2. READY FOR CALIBRATION TECHNIBUILT (WANZL) COORDINATES CALIBRATION OF EQUIPMENT	TECHNIBUILT (WANZL)	FRANCIS PYLE FRANCIS.PYLE@WANZL.COM DEAN KEATON DEAN.KEATON@WANZL.COM	N/A
SALVAGE PICKUP REFRIGERATION EQUIPMENT	N/A	N/A	PROPAK: 1. GC TO REMOVE REFRIGERATED EQUIPMENT. PROPAK TO DECOMMISSION EQUIPMENT AND REMOVE REFRIGERANT. 2. GC TO PALLETIZE EQUIPMENT AND CONTACT PROPAK FOR REMOVAL. HUSSMANN: 1. HUSSMANN TO DECOMMISSION AND SALVAGE REFRIGERATED CASES TO BE RE-USED FOR NEW OGP ACTIVATIONS. 2. GC RESPONSIBLE FOR ALL OTHER SCOPE DUE TO OGP CASE REMOVAL, INCLUDING REMOVAL OF DOOR FRAMES AS NEEDED.	PROPAK HUSSMANN	PROPAK CONTACT: DONALD PARTAIN - walmart@propak.com HUSSMANN CONTACT: RANDY BADSKY - Randy.Badsky@Hussmann.com	SPEC SECT 02023
DIRECTION FOR EXTERIOR VERTICAL WALL JOINT MATERIAL REPLACEMENT DURING REPAINTS.	OWNER	GC	AOR - ADD NOTE TO REPLACE THE VERTICAL WALL JOINTS IF STORE'S LAST RE-PAINT WAS 5 YEARS OR MORE &/OR 3RD PARTY INSPECTION INDICATES JOINT REPLACEMENT.	WM FIELD MAINTENANCE	MARTI.JOHNSON@WALMART.COM	07900 SEALANT
POWER FOR FUTURE SELF SERVICE PROPANE EXCHANGE	GC	GC	IF EXISTING 110V POWER IS NOT AVAILABLE ADD POWER AT EXISTING PROPANE STORAGE UNITS.	BLUE RHINO AMERIGAS	BLUE RHINO: DANNY THURMOND, (336) 608-1585, DTHURMOND@BLUERHINO.COM AMERIGAS: SAMANTHA BURCKHARD, (510) 589-4575, SAMANTHA.BURCKHARD@AMERIGAS.COM.	E2
COORDINATION OF ACC TIRE EQUIPMENT (TIRE CHANGER & BALANCER ONLY)	OWNER	OWNER	GC TO CONTACT VENDORS WHEN STORE IS READY FOR INSTALLATION	HUNTER (AR & MO ONLY), HENNESEY	HUNTER (AR & MO ONLY): SHARON NORTHCUTT, (314) 716-0365 SNORTHCUTT@HUNTER.COM HENNESEY: DON BAXTER (800) 688-6359 X 7857	N/A
CLARIFY CURRENT METHODS FOR PROVIDING A TEMPORARY RESTROOM TRAILER FOR STORES WITH SINGLE RESTROOM PAIR	GC	GC	GC COORDINATES LOCATION OF TEMPORARY RR TRAILER WITH OWNER'S CONSTRUCTION MGR. REVIEW UPDATED SPECIFICATION FOR LIST OF VENDORS, UTILITY CONNECTIONS, IF ADA ACCOMODATION IS REQUIRED, ETC.	LOCAL OR NATIONWIDE TRAILER LEASING COMPANY. SEE...	SEE SPECIFICATION	SPECIFICATION SECTION 01500
CHANGE THE REMOVAL AND INSTALLATION OF THE REFRIGERATED CASE KICK PLATE FROM REFRIGERATION CONTRACTOR RESPONSIBILTY TO GC RESPONSIBILITY	OWNER	GC	GC COORDINATES REMOVAL AND REINSTALLATION TIMES WITH PFC	N/A	N/A	A1.1 FLOOR FINISH RESPONSIBILITY MATRIX
REPLACE SCREW ANCHORED 4" X 32" SS BOLLARDS AT ENTRY SLIDING DOORS BEING UPDATED WITH NEW RUBBER FLOOR AND AT EAS PEDESTALS BEING REPLACED AT EOL.	OWNER	GC	BOLLARDS INDICATED ON THE DRAWINGS WILL BE SHIPPED TO THE STORE FOR GC INSTALL.	MCCUE CORPORATION	MCCUE CORPORATION: KAITLYN THIBAULT, (800) 800-8503, KTHIBAULT@MCCUE.COM	A1, A5, GC1, AC1
RESTROOM - TILE, GROUT & SETTING MATERIALS & LAV DECK SYSTEM NEED A MINIMUM 2-3 WEEKS FROM TIME OF ORDER TO DELIVERY	GC	GC	FACTORS THAT AFFECT THE MINIMUM ORDER TIME FRAME: P.O. PROCESSING TIME - VARIES WITH EACH CONTRAVTOR (1-3 D) NUMBER OF PROJECTS IN PIPELINE OF THE GC'S THAT GOT IN LINE 1ST (VARIES) TRUCKLOAD - TRUCK LINE-UP SCHEDULE VARIES (7-10 D NOTICE MIN.)* *ALT DELIVERY (ADDS COST) LTL LOADS REQUIRE 4-5 D NOTICE (IF AVAILABLE) NORMAL TRANSIT (1-4D)	HJC	800-459-7099 WWW.HJCINC.COM/TPDEMS.PDF	
RUBBER FLOOR	PFC	PFC	RUBBER FLOORING PURCHASED THROUGH HJC AND INSTALLED BY PREFERRED FLOORING CONTRACTOR. GENERAL CONTRACTOR RECEIVES AND STORES RUBBER FLOORING ON SITE.	N/A	N/A	A5
SPILL STATION ATTACHMENTS	GC	GC	GC TO COORDINATE WITH IN-STORE AP MANAGER ON LOCATION OF WHERE TO ATTACH CLEAN/SPILL STATIONS WITHIN THE STORE	N/A	N/A	SA1 BID ALLOWANCE SCHEDULE
PLUMBING LINE JETTING AND CAMERA SCOPING FOR RESTROOM REFRESH PROJECTS	GC	GC	GC TO JET PLUMBING LINES AND CAMERA SCOPE PLUMBING LINES AFTER WORK IN RESTROOM AREA IS COMPLETE. THE PRIMARY PURPOSE OF SCOPING IS TO ENSURE PLUMBING LINES ARE FREE OF CONSTRUCTION RELATED DEBRIS AND OBSTRUCTIONS. ANY STRUCTURAL ISSUES IDENTIFIED DURING SCOPING TO BE ADDRESSED WITH WM CONSTRUCTION MANAGER.	N/A	N/A	P1.1
ACUITY BLT LIGHT FIXTURES	GC	GC	GC TO VERIFY TOTAL NUMBER OF 2X4 LIGHT FIXTURES TO BE REPLACED WITH NEW 2X2 ACUITY FIXTURES AND ORDER THROUGH SUPPLIER LOEB	LOEB ELECTRIC	LOEB ELECTRIC: ANDREW KELLERMAN 614-421-3383 andrew.kellerman@loebelectric.com	E1

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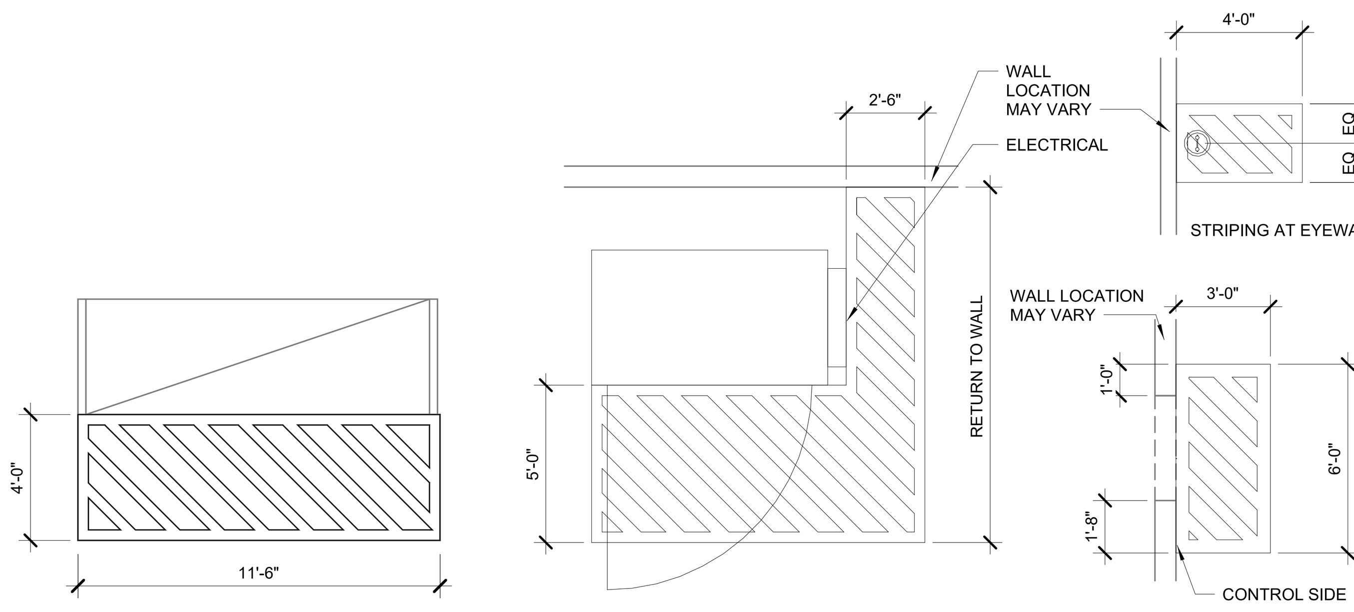
STATE OF FLORIDA
ANTHONY D MURPHY
REGISTERED ARCHITECT
AR100424
12/20/21

RESPONIBILITY MATRIX

SHEET: C2

12/20/2021 4:12:03 PM
C:\Users\yerlin.bejarano\Documents\WORK_Lake City, FL_Val_L_ARCH_VB_yerlin.bejarano.rvt

STRIPING CONDITIONS



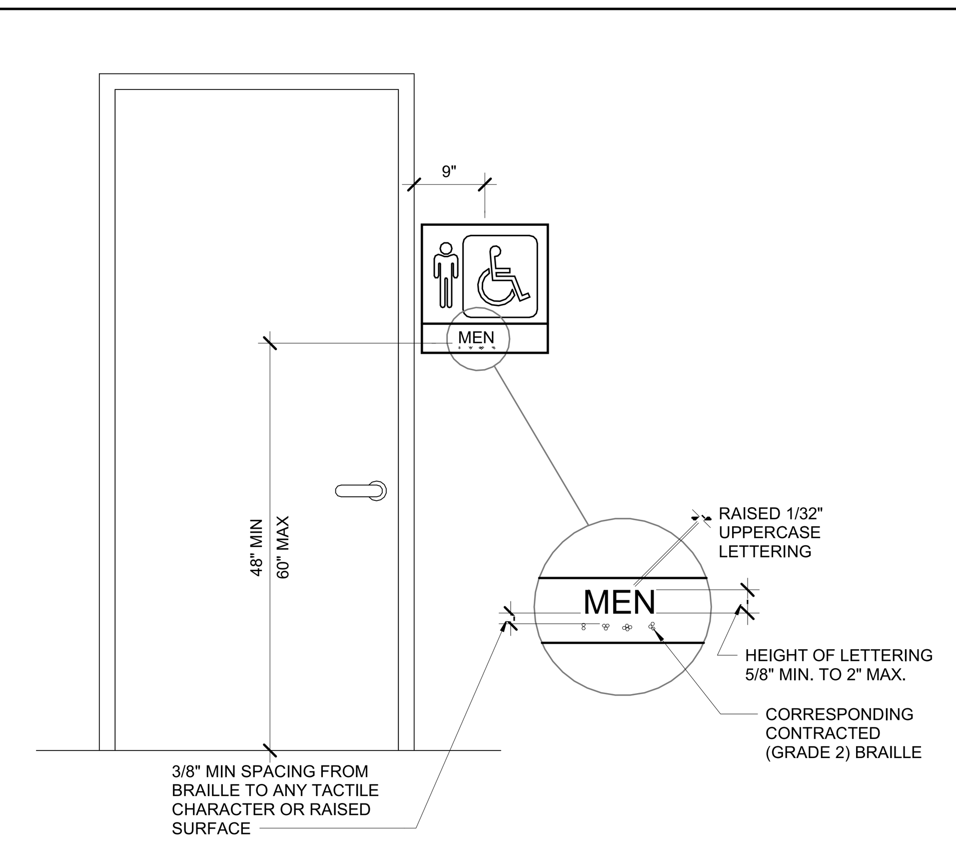
STRIPING AT HAZMAT

STRIPING AT BALER

STRIPING AT COMPACTOR

STRIPING REQUIREMENTS
1. 5" WIDE PAINTED STRIPES (P5) @ 12" ON CENTER, @ 45 DEGREE ANGLE TO 5" WIDE EXTERIOR BOUNDARY LINES
2. IF EXISTING HALLWAY, BALER, COMPACTOR, OR EYEWASH WARNING AREAS ARE PAINTED SOLID OR HAVE INCORRECT PATTERN, REMOVE EXISTING PAINT AND PAINT PER THE STRIPING CONDITIONS SHOWN HERE.

RESTROOM DOOR SYMBOLS



SIGNS & IDENTIFICATION

1. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL BE THE STANDARD USED TO IDENTIFY FACILITIES THAT ARE ACCESSIBLE TO AND USABLE BY PHYSICALLY DISABLED PERSONS AS SET FORTH IN TITLE III AND AS SPECIFICALLY REQUIRED IN THIS SECTION.
2. THE INTERNATIONAL SYMBOL OF ACCESSIBILITY SHALL CONSIST OF A WHITE FIGURE ON A BLUE BACKGROUND. THE BLUE SHALL BE EQUAL TO COLOR NO. 15090 IN FEDERAL STANDARD 595C.
3. FOR CHARACTER PROPORTION, THE UPPERCASE LETTER "O" SHALL BE USED TO DETERMINE THE ALLOWABLE WIDTH OF ALL CHARACTERS OF A FONT. THE WIDTH OF THE UPPERCASE LETTER "O" OF THE FONT SHALL BE 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE LETTER "I".
4. MINIMUM CHARACTER HEIGHT SHALL COMPLY WITH 2010 ADA TABLE 703.5.5. VIEWING DISTANCE SHALL BE MEASURED AS THE HORIZONTAL DISTANCE BETWEEN THE CHARACTER AND AN OBSTRUCTION PREVENTING FURTHER APPROACH TOWARDS THE SIGN. CHARACTER HEIGHT SHALL BE BASED ON THE UPPERCASE LETTER "I". CHARACTER HEIGHT MEASURED FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" (16 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM.
5. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.
6. WHEN RAISED CHARACTERS OR SYMBOLS ARE USED, THEY SHALL CONFORM TO THE FOLLOWING:
   A. CHARACTERS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS. RAISED LETTERS SHALL BE DUPLICATED IN BRAILLE.
   B. RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" HIGH AND 2" MAXIMUM BASED ON THE HEIGHT OF THE LETTER "I".
   C. PICTORIAL SYMBOL SIGNS (PICTOGRAMS) SHALL HAVE TEXT DESCRIPTORS LOCATED DIRECTLY BELOW THE PICTOGRAM FIELD. PICTOGRAMS SHALL HAVE A FIELD HEIGHT OF 6" MINIMUM. PICTOGRAMS AND THEIR FIELDS SHALL HAVE A NON-GLARE FINISH. PICTOGRAMS SHALL CONTRAST THEIR FIELDS, WITH EITHER A LIGHT PICTOGRAM ON A DARK FIELD OR A DARK PICTOGRAM ON A LIGHT FIELD.
7. CONTRACTED (GRADE 2) BRAILLE SHALL BE USED WHEREVER BRAILLE IS REQUIRED. DOTS SHALL BE 0.090" (2.3 MM) TO 0.100" (2.5 MM) ON CENTER IN EACH CELL WITH 0.241" (6.1 MM) TO 0.300" (7.6 MM) SPACE BETWEEN CORRESPONDING DOTS IN ADJACENT CELLS. DOTS SHALL BE RAISED A MINIMUM OF 0.025" (0.6 MM) TO 0.037" (0.9 MM) ABOVE THE BACKGROUND.
8. WHEN PERMANENT IDENTIFICATION IS PROVIDED FOR ROOMS AND SPACES, RAISED LETTERS SHALL BE ACCOMPANIED BY BRAILLE. TACTILE CHARACTERS ON SIGNS SHALL BE LOCATED 48 INCHES (1220 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES (1525 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (455 MM) MINIMUM BY 18 INCHES (455 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. EXCEPTION: SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.
9. SIGNS TO BE PROVIDED AT ALL PUBLIC MEN, WOMEN, FAMILY AND UNISEX RESTROOMS. ROOM NAME SHALL BE "RESTROOM" AT UNISEX TOILETS.

SYMBOLS LEGEND

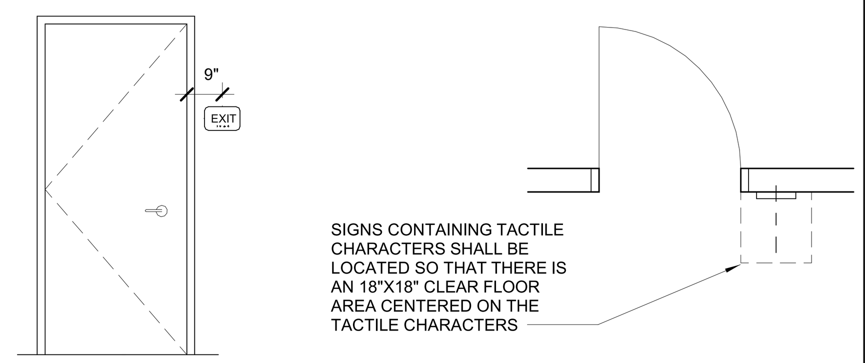
Symbol	Description
X-XX	REFERENCE AT KEYNOTE INDICATOR
10.1	KEYNOTE INDICATOR
X.XX / X.XX / X.XX	A KEYNOTE OR BLOCK OF KEYNOTES WITH A LEADER ATTACHED APPLY SPECIFICALLY TO THE ITEM, AREA, OR SURFACE TO WHICH THE LEADER IS POINTING
SALES 100 X.XX X.XX	IN ADDITION TO THE ROOM FINISH SCHEDULE, A KEYNOTE OR BLOCK OF KEYNOTES ATTACHED TO THE ROOM NAME TAG APPLY TO THE ENTIRE ROOM
P3	COLOR INDICATOR
2-A2	FULL AND PARTIAL SECTION INDICATOR
2-A2	EXTERIOR AND INTERIOR ELEVATION INDICATOR
SALES 100	ROOM NAME AND NUMBER
A6	PARTITION TYPE INDICATOR
101 A	DOOR INDICATOR
M	WINDOW INDICATOR
	TV MONITOR
A	COLUMN LINE INDICATOR
100'-0" FF EL	HEIGHT ELEVATION INDICATOR
100'-0"	PLAN ELEVATION INDICATOR
5 A2	ENLARGED DETAIL INDICATOR
5 A2	DETAIL INDICATOR

TACTILE EXIT SIGN

TACTILE SIGN REQUIREMENTS

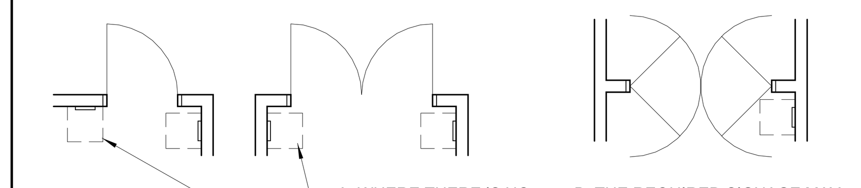
1. A TACTILE SIGN STATING "EXIT" AND COMPLYING WITH ANSI A117.1 SHALL BE PROVIDED ADJACENT TO EACH DOOR TO AN EXIT PASSAGEWAY AND THE EXIT DISCHARGE. REF FLOOR PLANS FOR LOCATIONS.
2. FOR CHARACTER WIDTH, THE UPPERCASE LETTER "O" SHALL BE USED TO DETERMINE THE ALLOWABLE WIDTH OF ALL CHARACTERS OF A FONT. THE WIDTH OF THE UPPERCASE LETTER "O" OF THE FONT SHALL BE 55 PERCENT MINIMUM AND 110 PERCENT MAXIMUM OF THE HEIGHT OF THE UPPERCASE "I" OF THE FONT. (ANSI A117.1-2009: 703.3.6) CHARACTER HEIGHT MEASURED FROM THE BASELINE OF THE CHARACTER SHALL BE 5/8" (16 MM) MINIMUM AND 2 INCHES (51 MM) MAXIMUM BASED ON THE HEIGHT OF THE UPPERCASE LETTER "I".
3. CHARACTERS AND SYMBOLS SHALL CONTRAST WITH THEIR BACKGROUND.
4. CHARACTERS SHALL CONFORM TO THE FOLLOWING:
   4.a. LETTERS AND NUMBERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS-SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE 2 BRAILLE.
   4.b. RAISED CHARACTERS OR SYMBOLS SHALL BE A MINIMUM OF 5/8" HIGH AND A MAXIMUM OF 2".
5. CONTRACTED GRADE 2 BRAILLE SHALL BE USED. DOTS SHALL BE 0.090" (2.3 MM) TO 0.100" (2.5 MM) ON CENTER IN EACH CELL WITH 0.241" (6.1 MM) TO 0.300" (7.6 MM) SPACE BETWEEN CELLS. DOTS SHALL BE RAISED A MINIMUM OF 0.025" (0.6 MM) TO 0.037" (0.9 MM) ABOVE THE BACKGROUND.
6. CHARACTERS SHALL BE 48" MINIMUM ABOVE FINISH FLOOR MEASURED FROM THE BASE OF THE LOWEST TACTILE CHARACTER AND 60" MAXIMUM ABOVE FINISH FLOOR MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER.
7. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE ALONGSIDE THE DOOR AT THE LATCH SIDE. AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. AT DOUBLE DOORS WITH TWO ACTIVE LEAVES, THE SIGN SHALL BE TO THE RIGHT OF THE RIGHT-HAND DOOR. TACTILE SIGNS ARE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES. SEE ALTERNATE SOLUTIONS FOR OTHER SCENARIOS.

PREFERRED SOLUTION



SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT THERE IS AN 18"X18" CLEAR FLOOR AREA CENTERED ON THE TACTILE CHARACTERS

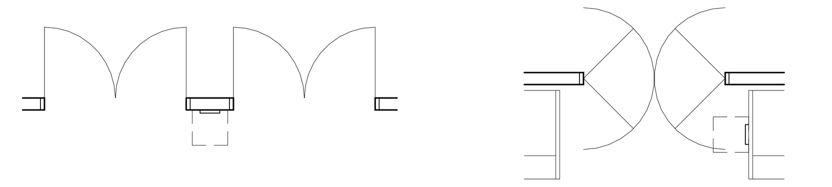
ALTERNATE SOLUTIONS



ALTERNATE LOCATION (NEAREST ADJACENT WALL, RIGHT HAND SIDE OF OPENING PREFERRED)

A. WHERE THERE IS NO WALL SPACE ON THE LATCH SIDE OF A SINGLE DOOR, OR TO THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE ON THE NEAREST ADJACENT WALL.

B. THE REQUIRED SIGNAGE MAY BE INSTALLED SO THAT THE CLEAR FLOOR AREA IS BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION.

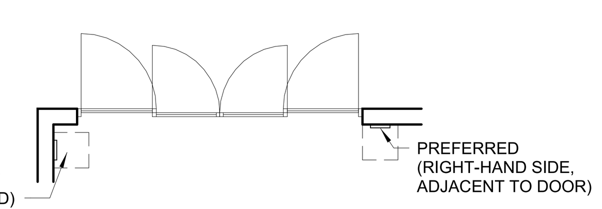


C. WHEN SIGN IS REQUIRED AT A BANK OF DOORS, PLACE (1) SIGN BETWEEN JAMBS. IF JAMB IS NOT WIDE ENOUGH FOR SIGNAGE, PLACE (1) SIGN AT RIGHT SIDE OF BANK OF DOORS.

D. WHERE REFRIGERATED CASES OR FIXTURES IMPEDE THE REQUIRED CLEAN FLOOR AREA, MOUNT SIGNAGE TO THE END PANEL OF CASE OR OWNER PROVIDED END PANEL FOR HALF GONDOLAS AND WALL STANDARD FIXTURES.

E. WHERE WALL STANDARDS IMPEDE THE REQUIRED CLEAR FLOOR AREA, MOUNT SIGN DIRECTLY TO DOOR. ENSURE DOOR HAS AUTOMATIC CLOSER AND DOES NOT HAVE A HOLD-OPEN DEVICE.

F. AT EGRESS DOORS IN THE GARDEN CENTER WHERE THERE IS NOT AMPLE WALL SPACE FOR SIGNAGE, MOUNT SIGN DIRECTLY TO DOOR. ENSURE DOOR HAS AUTOMATIC CLOSER AND DOES NOT HAVE A HOLD-OPEN DEVICE.

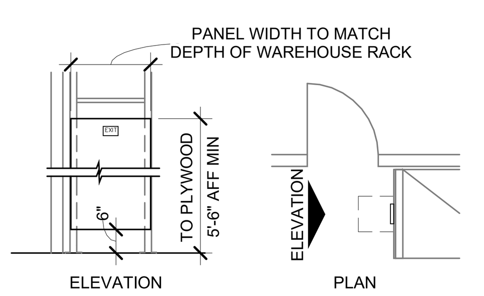


ALTERNATE LOCATION (NEAREST ADJACENT WALL, RIGHT-HAND SIDE OF OPENING PREFERRED)

PREFERRED (RIGHT-HAND SIDE, ADJACENT TO DOOR)

G. AUTOMATIC SLIDING DOOR LOCATIONS

TACTILE SIGNAGE CANNOT BE LOCATED ON AUTOMATIC SLIDING DOOR PANELS.



ELEVATION

PLAN

H. WHERE WAREHOUSE RACKS IMPEDE THE REQUIRED CLEAR FLOOR AREA ADJACENT TO THE DOOR, PROVIDE 3/8" A-B PLYWOOD PANEL WITH EASED EDGES AND ATTACH TO THE END OF THE WAREHOUSE RACK USING (4) GALVANIZED CARRIAGE BOLTS, WASHERS AND LOCKNUTS. CARRIAGE BOLTS ARE TO BE SIZED PROPERLY TO ENSURE THE BOLT END DOES NOT PROTRUDE BEYOND THE TOP OF LOCKNUT AND PANEL IS SECURE. IN GROCERY SERVICE AND PREPARATION AREAS, PAINT PLYWOOD P33 UNO.

INSECT CONTROL UNIT LEGEND

FINAL NUMBER OF UNITS RECEIVED IS DETERMINED BY THE WALMART FOOD SAFETY & HEALTH PEST MANAGEMENT AND PEST ELIMINATION SERVICES PROVIDER

TYPE	TOTAL	
D	2	D

NOTES:
1. ALL UNITS TO BE INSTALLED BY THE PEST ELIMINATION SERVICES PROVIDER
2. UNITS ARE NOT TO BE INSTALLED ABOVE ANY FOOD SERVICE/PREP EQUIPMENT
3. UNITS ARE TO BE INSTALLED (INDICATED WITH BROWN RECEPTACLES AND COVERS) AS INSTRUCTED WITHIN THE CONSTRUCTION DOCUMENTS. REFERENCE ARCHITECTURAL AND ELECTRICAL DRAWINGS FOR PROPER LOCATION

SITE VERIFICATION REQUIREMENTS:

1. THE ARCHITECT HAS MADE A SCOPE VISIT WITH MEASUREMENTS AND PHOTOGRAPHS OF EXISTING CONDITIONS AND THE ARCHITECTURAL DRAWINGS INDICATE EXISTING CONDITIONS VERIFIED IN THE FIELD. IT REMAINS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL EXISTING CONDITIONS PRIOR TO THE SUBMISSION OF A BID AND TO THE COMMENCEMENT OF ANY WORK. NO ADDITIONAL COMPENSATION WILL BE PAID DUE TO THE CONTRACTOR'S FAILURE TO VERIFY EXISTING SITE CONDITIONS WHICH INCLUDE, BUT ARE NOT LIMITED TO, GRADES, EXTENT OF PAVING, OR UTILITIES.
2. ANY DISCREPANCY WITH THE EXISTING SITE CONDITIONS AND/OR THE DRAWINGS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT FOR CLARIFICATION AND INSTRUCTION. THESE CONSTRUCTION DOCUMENTS HAVE BEEN DESIGNED AND DRAWN ASSUMING EXISTING BUILDING CONDITIONS MATCH THE ORIGINAL DRAWINGS. THE GENERAL CONTRACTOR, IMMEDIATELY UPON ARRIVAL AT THE SITE, SHALL VERIFY ALL EXISTING STRUCTURAL COLUMN DIMENSIONS, STRUCTURAL BEARING HEIGHTS, EXISTING DIMENSIONS, TOP OF MASONRY ELEVATIONS, ROOFING CONDITIONS (INCLUDING PARAPETS, SCUPPERS AND ROOF DRAINS), AND JOIST BEARING ELEVATIONS PRIOR TO THE FABRICATION OF ANY STRUCTURAL ITEMS. IF DISCREPANCIES ARE FOUND BETWEEN WHAT IS SHOWN ON THE DRAWINGS AND EXISTING FIELD CONDITIONS, CONTACT THE WALMART CONSTRUCTION MANAGER AND THE ARCHITECT IMMEDIATELY TO DETERMINE WHAT ACTION SHOULD BE TAKEN TO MATCH EXISTING CONDITIONS. THE BEGINNING OF STRUCTURAL STEEL FABRICATION BY THE GENERAL CONTRACTOR, STEEL FABRICATOR, OR JOIST MANUFACTURER MEANS ACCEPTANCE OF THE EXISTING CONDITIONS.
3. ALL UTILITY LOCATIONS SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL FIELD VERIFY THE EXACT LOCATION OF ALL EXISTING UTILITIES (WHETHER SHOWN OR NOT) PRIOR TO THE SUBMISSION OF A BID OR THE COMMENCEMENT OF CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE WALMART CONSTRUCTION MANAGER OF THE DISCOVERY OF EXISTING UTILITIES NOT SHOWN OR NOTED ON DRAWINGS.
4. THE CONTRACTOR SHALL VERIFY AND MAINTAIN (REPAIR IF DAMAGED) EXISTING IRRIGATION SYSTEMS AFFECTED BY THE CONSTRUCTION OF THIS PROJECT.
5. THE CONTRACTOR SHALL FIELD LOCATE AND VERIFY ALL PROPERTY LINES, EASEMENTS, SETBACKS AND RESTRICTIONS. A REGISTERED SURVEYOR SHALL ESTABLISH ALL PROPERTY LINES AND SETBACKS PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND CLEARLY FLAG PROPERTY LINES AND SETBACKS. IT REMAINS THE RESPONSIBILITY OF THE GENERAL CONTRACTOR TO DETERMINE EXACT LOCATION OF ALL SAID BOUNDARIES.
6. THE CONTRACTOR SHALL VERIFY EXACT LOCATIONS AND DEPTHS OF UNDERGROUND UTILITY SERVICES PRIOR TO ANY EXCAVATION.
7. THE CONTRACTOR SHALL VERIFY ALL GRADES AND PROPOSED FINAL GRADES. IF RAMPS, STOOPS, STAIRS, SIDEWALKS, FLATWORK OR PAVING ARE INSTALLED, VERIFY FINAL GRADES SURROUNDING THE NEW CONSTRUCTION AND ADJUST STAIR RISERS, RAMP LENGTHS, LIMITS OF PAVING, ETC., TO ACCOMMODATE THE REQUIRED RAMP SLOPE, RISER HEIGHTS OR PAVING AREAS. ALL RAMPS AND STAIRS SHALL MEET ADA-ADAAGS (OR ADOPTED HANDICAP ACCESSIBILITY REQUIREMENTS). IF THERE IS A CONFLICT IN FIELD CONDITIONS, NOTIFY WALMART CONSTRUCTION MANAGER AND THE ARCHITECT PRIOR TO THE CONSTRUCTION OR ORDERING OF MATERIALS.
8. THE CONTRACTOR SHALL VERIFY THE EXISTING FINISH FLOOR ELEVATION AT ALL NEW OPENINGS OF THE EXISTING BUILDING PRIOR TO ESTABLISHING THE FINISH FLOOR ELEVATION. TO VERIFY FLOOR ELEVATION, THE CONTRACTOR SHALL REMOVE A SMALL PORTION OF THE BLOCK WALL AT THE PROPOSED OPENING BETWEEN THE EXISTING STORE AND THE ADDITION.
9. THE CONTRACTOR SHALL VERIFY EXISTING FOOTING DEPTHS AND MATCH AT NEW ADDITION TO INSURE PROPER BLOCK COURSING. ANY DISCREPANCY SHALL BE REPORTED TO THE WALMART CONSTRUCTION MANAGER PRIOR TO CONSTRUCTION.
10. THE CONTRACTOR SHALL CORE THE ROOF INSULATION TO DETERMINE ITS THICKNESS AFTER CONTRACT AWARD. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MATCH EXISTING ROOF INSULATION THICKNESS ON THE ADDITION UNLESS DIRECTED OTHERWISE TO INSTALL 3-INCH INSULATION IN SEPARATED AND ISOLATED ROOF CONDITIONS. REFER TO ROOFING SPECIFICATION SECTION.
11. REPORT ANY DISCREPANCIES FOUND IN THE FIELD IMMEDIATELY TO WALMART AND THE ARCHITECT PRIOR TO MAKING ANY STRUCTURAL MODIFICATIONS OR ORDERING OF ANY MATERIALS.

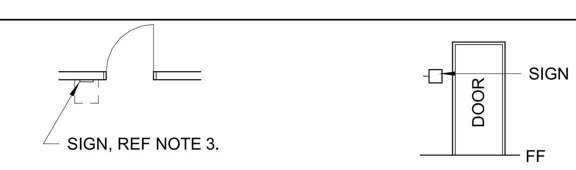
GENERAL CONSTRUCTION REQUIREMENTS:

1. ALL WORK SHALL BE DONE IN A SAFE AND WORKMANLIKE MANNER AND IN STRICT ACCORDANCE WITH THE LOCAL AND/OR STATE (IF APPLICABLE) BUILDING CODES, NATIONAL ELECTRIC CODE, ADA-ADAAG AND OTHER ADOPTED ACCESSIBILITY STANDARDS, OSHA, AND ALL APPLICABLE CODES, REGULATIONS, ORDINANCES AND AUTHORITIES HAVING JURISDICTION (AHJ).
2. PROVISIONS REGARDING THE USE OF GAS AND DIESEL EQUIPMENT WITHIN AN ENCLOSED BUILDING, FORMERLY INCLUDED IN THIS PARAGRAPH, ARE NOW INCLUDED IN SECTION 01351 - REGULATORY COMPLIANCE
3. PROVISIONS REGARDING CORDS FOR ELECTRICAL EQUIPMENT AND ROUTING OF EQUIPMENT CORDS AND HOSES, FORMERLY INCLUDED IN THIS PARAGRAPH, ARE NOW INCLUDED IN SECTION 01351 - REGULATORY COMPLIANCE
4. EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO REVIEW THESE DOCUMENTS DOES NOT RELIEVE THE SUBCONTRACTOR OF ANY RESPONSIBILITY FOR PERFORMING WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.
5. THE EXISTING BUILDING SHALL BE PROTECTED FROM MOISTURE, DUST AND DEBRIS. INSTALL DUST PARTITIONS OR DRAPES AS REQUIRED AND/OR AS DIRECTED BY WALMART CONSTRUCTION MANAGER TO KEEP DUST AND MOISTURE FROM THE OPERATING AREAS OF THE STORE.
6. ANY DAMAGE TO WALMART'S PROPERTY, WHICH OCCURS DURING THE PROCESS OF CONSTRUCTION SHALL BE REPAIRED/REPLACED AT NO ADDITIONAL COST TO WALMART; THIS INCLUDES ALL MERCHANDISE. CONTRACTOR SHALL PAY THE COST FOR ALL DAMAGED MERCHANDISE.
7. THE CONTRACTOR SHALL MAINTAIN THE INTEGRITY OF THE EXISTING BUILDING SECURITY AT ALL TIMES. THIS INCLUDES KEEPING THE BUILDING SECURE FROM PERSONS, ENVIRONMENTAL ELEMENTS OR HAZARDS. THE CONTRACTOR SHALL BE RESPONSIBLE TO MAINTAIN THE INTEGRITY OF ALL EXISTING SECURITY SYSTEMS. THE CONTRACTOR SHALL OBTAIN PERMISSION FROM THE STORE MANAGER PRIOR TO THE MODIFICATION OF ANY EXISTING SECURITY SYSTEM FOR THE OPENING (DEMOLITION) OF ANY EXTERIOR WALL.
8. THE CONTRACTOR SHALL KEEP THE WORK AREA CLEAN AND FREE OF DEBRIS AND REMOVE ALL TRASH AND DEBRIS FROM THE CONSTRUCTION AREA DAILY. NO FLAMMABLE MATERIALS OR LIQUIDS MAY BE STORED IN THE EXISTING BUILDING OR IN ANY NEW ADDITION.
9. REMOVE ANY EXISTING EQUIPMENT, FIXTURES, FURNISHINGS, ACCESSORIES, SERVICES, SIGNAGE, FINISHES OR SURFACES AS REQUIRED SHOWN OR NOT SHOWN, FOR THE INSTALLATION OF NEW CONSTRUCTION. PROVIDE FURRING FOR CONDUITS AND PIPING, SHOWN OR NOT, AND FINISH OUT FURRING TO MATCH ADJACENT EXISTING FINISHES.
10. REPAIR, RE-ROUTE, AND EXTEND ALL SERVICES, PIPING, CONDUIT OF EXISTING ITEMS AND EQUIPMENT AS REQUIRED DURING THE CONSTRUCTION PROCESS TO MAINTAIN NORMAL STORE OPERATIONS AND AS REQUIRED FOR THE INSTALLATION OF NEW CONSTRUCTION. THIS INCLUDES ALL ITEMS SHOWN OR NOT SHOWN ON THE DRAWINGS. RESET EXISTING EQUIPMENT, FIXTURES, FURNISHINGS, ACCESSORIES OR RELATED ITEMS, INCLUDING SIGNAGE, AS REQUIRED FOR PROPER OPERATION.
11. WHEN EQUIPMENT, FIXTURES, FURNISHINGS, ACCESSORIES, SERVICES, FINISHES OR SURFACES ARE TEMPORARILY REMOVED OR RELOCATED IN ORDER TO PERFORM WORK, THE CONTRACTOR IS RESPONSIBLE FOR RETURNING THEM TO THEIR ORIGINAL POSITION, RECONNECTION OF SERVICES AND APPROPRIATE MEANS OF ATTACHMENT UNLESS SPECIFICALLY DIRECTED TO DO OTHERWISE.
12. WHERE EXISTING FINISHES ARE TO REMAIN, CLEAN, REPAIR, PATCH AND REPAINT AS NECESSARY TO BLEND IN WITH ADJACENT WORK. COORDINATE WITH WALMART CONSTRUCTION MANAGER
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE TIMELY ORDERING OF MATERIALS TO PROHIBIT DELAYS OF THE CONSTRUCTION SCHEDULE OF THIS PROJECT. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE DELIVERY OF MATERIALS IN A TIMELY MANNER.
14. IT IS IMPERATIVE THAT THE ROOF FRAMING, DECKING AND ROOFING SYSTEM BE COMPLETED IMMEDIATELY UPON THE DEMOLITION OF THE EXTERIOR WALL TO ELIMINATE POTENTIAL WATER DAMAGE OR MOISTURE INFILTRATION. THE CONTRACTOR SHALL KEEP THE BUILDING WATERTIGHT AT ALL TIMES.
15. THE GENERAL CONTRACTOR SHALL RESPOND TO ALL REQUIREMENTS OF THE STRUCTURAL ENGINEER/ARCHITECT FOR VERIFICATIONS, RESPONSES, AND SUBMISSIONS.
16. IF MODIFICATION TO SPRINKLER SYSTEM IS REQUIRED THE GENERAL CONTRACTOR SHALL HIRE A LICENSED SPRINKLER CONTRACTOR. CONTRACTOR TO SUBMIT SIGNED AND SEALED SPRINKLER DRAWINGS FOR APPROVAL PRIOR TO ANY ALTERATION OF THE AUTOMATIC SPRINKLER SYSTEM. WORK TO BE DONE UNDER SEPARATE PERMIT.
17. ALL ADJACENT BUILDINGS (IF APPLICABLE) SHALL REMAIN IN SERVICE DURING DEMOLITION/CONSTRUCTION.
18. MUD AND DEBRIS TRACKED ONTO OWNER PAVING OR CITY STREETS TO BE CLEANED IMMEDIATELY.
19. BUILDING COMPONENTS AFFECTED BY THE SCOPE OF WORK AND ALLOWED TO REMAIN SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.

DEMOLITION REQUIREMENTS:

1. ALL DEMOLITION SHALL BE CARRIED OUT IN A SAFE MANNER AND IN STRICT ACCORDANCE WITH OSHA REGULATIONS.
2. THE CONTRACTOR SHALL FIELD VERIFY THE EXTENT OF DEMOLITION. THE WORK INCLUDES, BUT IS NOT LIMITED TO, THE DEMOLITION AND REMOVAL OF WALLS, DOORS, FIXTURES, PLUMBING, PAVING, MECHANICAL AND ELECTRICAL ITEMS INCLUDING CONDUITS AND DUCTWORK AS SHOWN ON DRAWING OR AS REQUIRED FOR THE INSTALLATION OF THE NEW WORK FOR A COMPLETE JOB.
3. WHEN UTILITIES ARE REMOVED, CAP AND SEAL A MINIMUM OF 8" BELOW FINISH FLOOR OR A MINIMUM OF 6" ABOVE FINISH CEILING.
4. WHEN REMOVING EXISTING STRUCTURAL ITEMS, IT IS THE CONTRACTOR'S RESPONSIBILITY TO PROVIDE ADEQUATE SHORING, BRACING AND SUPPORT SYSTEMS TO KEEP THE EXISTING STRUCTURE INTACT AND IN A SAFE CONDITION. REFER TO SECTIONS 02023 AND 02251.
5. THE CONTRACTOR MAY NOT REMOVE THE BLOCK WALL IN A PROPOSED OPENING PRIOR TO THE ROOFING SYSTEM OVER THE NEW ADDITION BEING MADE WATERTIGHT. COORDINATE WITH THE WALMART CONSTRUCTION MANAGER AND THE STORE MANAGER TO SCHEDULE FOR DEMOLITION FOR NEW OPENINGS.
6. THE CONTRACTOR SHALL REMOVE ANY BUILDING SIGNAGE THAT INTERFERES WITH THE BUILDING ADDITION. WALMART WILL REINSTALL SIGNAGE OR ADD NEW SIGNAGE AT COMPLETION OF ADDITION.
7. NOTES INDICATING DEMOLITION WORK ARE NOT CONFINED SOLELY TO THE DEMOLITION PLANS. THE GENERAL CONTRACTOR SHALL REVIEW ALL CONSTRUCTION DOCUMENTS, INCLUSIVE OF SCHEDULES AND SPECIFICATIONS, TO DETERMINE FULL EXTENT OF DEMOLITION WORK.

SIGNAGE LEGEND



1. REQUIRED ACCESSIBLE ELEMENTS SHALL BE IDENTIFIED BY THE INTERNATIONAL SYMBOL OF ACCESSIBILITY AT THE FOLLOWING LOCATIONS:
   A. ACCESSIBLE ENTRANCES WHERE NOT ALL ENTRANCES ARE ACCESSIBLE
   B. ACCESSIBLE ROOMS WHERE MULTIPLE SINGLE-USER TOILETS ARE CLUSTERED AT A SINGLE LOCATION
   C. ACCESSIBLE CHECK-OUT AISLES WHERE NOT ALL AISLES ARE ACCESSIBLE. THE SIGN, WHERE PROVIDED, SHALL BE ABOVE THE CHECK-OUT AISLE IN THE SAME LOCATION AS THE CHECK-OUT AISLE NUMBER OR TYPE OF CHECK-OUT IDENTIFICATION
   D. UNISEX TOILET AND BATHING ROOMS
   E. ACCESSIBLE DRESSING, FITTING AND LOCKER ROOMS WHERE NOT ALL SUCH ROOMS ARE ACCESSIBLE
2. DIRECTIONAL SIGNAGE INDICATING THE ROUTE TO THE NEAREST LIKE ACCESSIBLE ELEMENT SHALL BE PROVIDED AT THE FOLLOWING LOCATIONS. THESE DIRECTIONAL SIGNS SHALL INCLUDE THE INTERNATIONAL SYMBOL OF ACCESSIBILITY:
   A. AT EACH SEPARATE-SEX TOILET INDICATING THE LOCATION OF THE NEAREST UNISEX TOILET
3. TACTILE SIGNAGE SHALL BE LOCATED 48 INCHES (1220 MM) MINIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASE OF THE LOWEST TACTILE CHARACTER AND 60 INCHES (1525 MM) MAXIMUM ABOVE THE FINISH FLOOR OR GROUND SURFACE, MEASURED FROM THE BASELINE OF THE HIGHEST TACTILE CHARACTER. WHERE A TACTILE SIGN IS PROVIDED AT A DOOR, THE SIGN SHALL BE LOCATED ALONGSIDE THE DOOR AT THE LATCH SIDE. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH ONE ACTIVE LEAF, THE SIGN SHALL BE LOCATED ON THE INACTIVE LEAF. WHERE A TACTILE SIGN IS PROVIDED AT DOUBLE DOORS WITH TWO ACTIVE LEAFS, THE SIGN SHALL BE LOCATED TO THE RIGHT OF THE RIGHT HAND DOOR. WHERE THERE IS NO WALL SPACE AT THE LATCH SIDE OF A SINGLE DOOR OR AT THE RIGHT SIDE OF DOUBLE DOORS, SIGNS SHALL BE LOCATED ON THE NEAREST ADJACENT WALL. SIGNS CONTAINING TACTILE CHARACTERS SHALL BE LOCATED SO THAT A CLEAR FLOOR SPACE OF 18 INCHES (455 MM) MINIMUM BY 18 INCHES (455 MM) MINIMUM, CENTERED ON THE TACTILE CHARACTERS, IS PROVIDED BEYOND THE ARC OF ANY DOOR SWING BETWEEN THE CLOSED POSITION AND 45 DEGREE OPEN POSITION. EXCEPTION: SIGNS WITH TACTILE CHARACTERS SHALL BE PERMITTED ON THE PUSH SIDE OF DOORS WITH CLOSERS AND WITHOUT HOLD-OPEN DEVICES.
4. CHARACTER AND SYMBOLS OF SIGNS SHALL BE IN CONTRAST WITH THEIR BACKGROUND AND SHALL BE EGGSHELL, MATTE, OR OTHER NON-GLARE MATERIALS OR FINISHES.
5. ACCESSIBLE SIGNAGE SHALL USE GRADE 2 BRAILLE AND MUST COMPLY WITH ICC A117.1 SECTION 703.4 OR ADA SECTION 703.3.

ABBREVIATION LEGEND

GENERAL ABBREVIATIONS

ABBR	DEFINITION
AB	ANCHOR BOLT
ACI	AMERICAN CONCRETE INSTITUTE
ACRYL	ACRYLIC
ADA	AMERICANS WITH DISABILITIES ACT
ADJ	ADJACENT
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AISC	AMERICAN INSTITUTE OF STEEL CONSTRUCTION
ARCH	ARCHITECTURAL
ASTM	AMERICAN SOCIETY OF TESTING AND MATERIALS
AWS	AMERICAN WELDING SOCIETY
BFF	BELOW FINISHED FLOOR
BL	BLOCK LINTEL
BO	BOTTOM OF
BOS	BOTTOM OF STEEL
BRG	BEARING
CJ	CONTROL JOINT
CL	CENTERLINE
CLR	CLEAR
CMU	CONCRETE MASONRY UNIT
COL	COLUMN
CONC	CONCRETE
CONST	CONSTRUCTION
CONT	CONTINUOUS
CU	CONDENSING UNIT
DIA	DIAMETER
DSD	DIRECTS SHIPPING DELIVERY
EAS	ELECTRONIC ARTICLE SURVEILLANCE
EDC	ELECTRICAL DISTRIBUTION CENTER
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EF	EXHAUST FAN
EJ	EXPANSION JOINT
EL	ELEVATION
ELEC	ELECTRICAL
EQ	EQUAL
ETR	EXISTING TO REMAIN
EW	EACH WAY
EWC	ELECTRIC WATER COOLER
FDN	FOUNDATION
FF	FINISHED FLOOR
FRP	FIBER REINFORCED PLASTIC
FS	FAR SIDE
FTG	FOOTING
FV	FIELD VERIFY
GA	GAUGE
GC	GENERAL CONTRACTOR
GM	GENERAL MERCHANDISE
GR	GROCERY
GYP BD	GYPSUM BOARD
HC	HANDICAP
HDTV	HIGH DEFINITION TELEVISION
HORIZ	HORIZONTAL
HSA	HEADED STUD ANCHOR
HSS	HOLLOW STRUCTURAL SECTION
HT	HEIGHT
INFO	INFORMATION
ISO	ISOLATION
JBE	JOIST BEARING ELEVATION
JST	JOIST
JT	JOINT
KSI	KIPS PER SQUARE INCH
L	LENGTH
LB	POUNDS
LLH	LONG LEG HORIZONTAL
LLV	LONG LEG VERTICAL
LONG	LONGITUDINAL
MAX	MAXIMUM
MAU	MECHANICAL AIR UNIT
ME	MASONRY ELEVATION
MECH	MECHANICAL
MEP	MECHANICAL ELECTRICAL PLUMBING
MFR	MANUFACTURER
MIN	MINIMUM
MISC	MISCELLANEOUS
MO	MASONRY OPENING
MTL	METAL
NIC	NOT IN CONTRACT
NO	NUMBER
NS	NEAR SIDE
NTS	NOT TO SCALE
OC	ON CENTER
OD	OUTSIDE DIAMETER
OH	OPPOSITE HAND
PAF	POWDER ACTUATED FASTENER
PCF	POUNDS PER CUBIC FOOT
PFC	PAINT, FIX, CLEAN
PL	PLATE
PLAM	PLASTIC LAMINATE
PLAST	PLASTIC
PLF	POUNDS PER LINEAR FOOT
PMEJ	PREMOLDED EXPANSION JOINT
PSF	POUNDS PER SQUARE FOOT
PSI	POUNDS PER SQUARE INCH
PVC	POLYVINYL CHLORIDE
QTY	QUANTITY
RC	REFRIGERATION CONTRACTOR
REF	REFER TO
REINF	REINFORCING
REQD	REQUIRED
REV	REVERSE
RO	ROUGH OPENING
RTU	ROOF TOP UNIT
RXPFC	PHARMACY PAINT FIX CLEAN
SCB	SANITARY COVE BASE
SCHED	SCHEDULE
SDI	STEEL DECK INSTITUTE
SIM	SIMILAR
SJI	STEEL JOIST INSTITUTE
SPECS	SPECIFICATIONS
SS	STAINLESS STEEL
STD	STANDARD
STRUC	STRUCTURAL
T&B	TOP AND BOTTOM
TEMP	TEMPERED
THK	THICKNESS
TO	TOP OF
TOC/TC	TOP OF CONCRETE
TOF	TOP OF FOOTING
TOGB	TOP OF GRADE BEAM
TOM	TOP OF MASONRY
TOP/TP	TOP OF PAVING
TOS	TOP OF STEEL
TRANS	TRANSVERSE
TYP	TYPICAL
UNO	UNLESS NOTED OTHERWISE
VCPFC	VISION CENTER PAINT FIX CLEAN
VERT	VERTICAL
W	WIDTH
WM	WALMART

DEFINITION LEGEND

FINAL MERCHANDISE PLAN - FINALIZED MERCHANDISE PRINT FROM WM ALSO REFERRED TO AS THE DEAL BOX COPY

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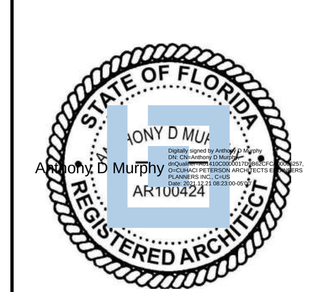

12/20/21

GENERAL INFORMATION

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BID ALLOWANCE SCHEDULE

THE QUANTITIES PROVIDED BELOW ARE FOR PRELIMINARY ESTIMATING/BIDDING PURPOSES ONLY.

ITEM DESCRIPTION	QTY	ADDITIONAL NOTES	SHEET REFERENCE
CART CORRALS	13 CORRALS		SP1
DUST WALL	20 LF	TENANT SPACE	D1
	180 LF	REFRIGERATED CASES	
GONDOLA SHELVES	40 SHELVES		A1
CASH WRAPS	14		A1
PIPE INSULATION	24 LF		A1
STRAPPED EQUIPMENT	54		A1 (SC)
CLEAN/SPILL STATION ATTACHMENTS	5(SC)	COLUMN ATTACHMENT - MOUNTING BRACKET W/ (2) STEEL SELF DRILLING #10 x 1" TEK SCREWS. DRYWALL ATTACHMENT - MOUNTING BRACKET W/ (2) #10 x 1" WOOD SCREWS. INSTALL 2x6 WOOD BLOCKING at 4' TO CENTER AFF	C2
WALL FINISH	100 SF (SC)	GYP - SALES FLOOR (CUSTOMER VISIBLE AREAS)	A1 (SC)
	100 SF (SC)	FRP - GROCERY SERVICE (CUSTOMER VISIBLE AREAS)	A1 (SC)
	100 SF (SC)	TILE - GROCERY SERVICE (CUSTOMER VISIBLE AREAS)	A1 (SC)
	25 LF (SC)	BASE - GROCERY SERVICE (CUSTOMER VISIBLE AREAS)	A1 (SC) A1.1 (WNM)
FLOOR FINISH	60 SF (SC)	TILE AND/OR EPOXY - GROCERY SERVICE (CUSTOMER VISIBLE AREAS)	A1 (SC) A1.1 (WNM)
BOLT HOLES/ SPALLS TO REPAIR	90		A1.1
JOINT REPLACEMENT	0	SALES FLOOR AND CUSTOMER AREAS	A1.1 (SC)
	122 LF	FRONT SIDEWALK AT ENTRANCES	A1.1 (SPRB
CEILING	---	REF SA1 CEILING SCHEDULE	

CEILING SCHEDULE SC

CEILING TILE BID ALLOWANCES		
NON SALES AREA (EDIT AS REQUIRED PER PROJECT)	OFFICES (CASH, COUNT, MANAGEMENT, TRAINING, MARKET MANAGER, AP OFFICE, UPC/INVOICING, CLAIMS, OFFICE AND ALCOVES.	26
	COURTESY DESK (CUSTOMER SERVICE) (INCLUDING RETURN STORAGE)	8
	VISION CENTER (SALES, WAITING AND OFFICES / EXAM ROOMS)	8
	ACC CUSTOMER SERVICE (AND WAITING AREA)	8
	SITE TO STORE / LAYAWAY / PICKUP	8
	BREAKROOM	24
	GROCERY (PROVIDE QUANTITY OF TILES TO BE REPLACED USING EXISTING REFLECTED CEILING PLANS AND OR LIGHTING PLANS)	14
	PHARMACY	FULL TILE REPLACEMENT
	ALL OTHER ROOMS	ETR (UNO)
CEILING CLEANING		
ALL CEILING TYPES	REFERENCE SPEC 01740	

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SCHEDULES AND ALLOWANCES

SHEET:
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TOTAL EGRESS FOR SALES FLOOR OCCUPANCY: 2,412

1. IF ONLY MEANS OF CUSTOMER ENTRANCE IS THROUGH ONE EXTERIOR WALL OF BUILDING, ONE-HALF OF REQUIRED EGRESS WIDTH FROM THE FLOOR SHALL BE LOCATED IN SUCH WALL (37.2.5.7)

1,206 OCC x .20 = 242 REQUIRED
2,990 OCC x .20 = 558 PROVIDED

2. NOT LESS THAN ONE-HALF OF REQUIRED EXITS SHALL BE LOCATED SO AS TO BE REACHED WITHOUT PASSING THROUGH CHECKOUT (37.2.5.8)

1,206 OCC x .20 = 242 REQUIRED
3,790 OCC x .20 = 791 PROVIDED

DISTANCE OF TRAVEL - 2020 FBC TABLE 1017.2 AND NFPA (EXISTING MERCANTILE) 37.2.6.1

FBC; SPRINKLERED	250'
NFPA; SPRINKLERED	250'

OCCUPANCY LOAD CALCULATIONS - 2020 FBC TABLE 1004.5 AND NFPA TABLE 7.3.1.2:

GROUND FLOOR RETAIL SALES	144682.88 SF	/ 60	=	2,412	OCCUPANTS
OUTDOOR FENCED	10649.70 SF	/ 60	=	178	OCCUPANTS
TRAINING	357.99 SF	/ 20	=	18	OCCUPANTS
BREAKROOM	1412.75 SF	/ 15	=	94	OCCUPANTS
FOOD TENANT	264.47 SF	/ 15	=	18	OCCUPANTS
KITCHEN	3871.25 SF	/ 200	=	19	OCCUPANTS
OFFICE	2092.58 SF	/ 150	=	15	OCCUPANTS
STOCKROOM	33739.10 SF	/ 300	=	113	OCCUPANTS
AUTO SERVICE CENTER	3507.31 SF	/ 50	=	71	OCCUPANTS
LIQUOR STORE: SALES	755.88 SF	/ 60	=	13	OCCUPANTS
TOTAL OCCUPANCY LOAD	201333.91 SF			2,951	

EGRESS WIDTH REQUIRED - 2020 FBCSECTION 1005.3.2 AND NFPA TABLE 7.3.3.1
EXIT ACCESS TRAVEL DISTANCE: TABLE 1017.2

FBC: EXIT ACCESS TRAVEL DISTANCE W/ SPRINKLER SYSTEM

OCCUPANCY: ASSEMBLY	250'	
MERCANTILE	250'	
BUSINESS	300'	
STORAGE	400'	
NFPA; SPRINKLERED	250'	
EGRESS INCHES REQUIRED	(FBC)	0.20 INCHES PER PERSON SERVED
EGRESS INCHES REQUIRED	(NFPA)	0.20 INCHES PER PERSON SERVED

MINIMUM CLEAR WIDTH=

33"	FOR 3'-0" DOOR OPENING
44"	FOR 4'-0" DOOR OPENING
90"	FOR 8'-0" DOOR OPENING
102"	FOR 9'-0" DOOR OPENING
136"	FOR 12'-0" DOOR OPENING
72"	FOR 14'-0" OPD DOOR OPENING

EGRESS WIDTH REQUIRED (INCHES) EQUALS:
(AREA OCCUPANT LOAD) x (EGRESS WIDTH PER PERSON SERVED)

SALES & FOOD TENANT:

2473	OCCUPANTS	x 0.2	= 495		INCHES REQUIRED
17	3'-0" DOORS	x 33	= 561		INCHES PROVIDED
4	12'-0" DOORS	x 136	= 544		INCHES PROVIDED
TOTAL INCHES PROVIDED			1105		

STOCKROOM/OFFICE/TRAINING/KITCHEN:

153	OCCUPANTS	x 0.2	= 31		INCHES REQUIRED
7	3'-0" DOORS	x 33	= 231		INCHES PROVIDED
TOTAL INCHES PROVIDED			231		

TOTAL:

2720	OCCUPANTS	x 0.2	= 544		INCHES REQUIRED
24	3'-0" DOORS	x 33	= 792		INCHES PROVIDED
6	12'-0" DOORS	x 136	= 816		INCHES PROVIDED
TOTAL INCHES PROVIDED			1608		

BREAKROOM EGRESS:

94	OCCUPANTS	x 0.2	= 19		INCHES REQUIRED
1	4'-0" DOORS	x 44	= 44		INCHES PROVIDED
TOTAL INCHES PROVIDED			44		

OUTDOOR SALES; FENCED AREA

115	OCCUPANTS	x 0.2	= 23		INCHES REQUIRED
1	3'-0" DOORS	x 33	= 33		INCHES PROVIDED
TOTAL INCHES PROVIDED			33		

AUTO SERVICE CENTER:

71	OCCUPANTS	x 0.2	= 15		INCHES REQUIRED
3	3'-0" DOORS	x 33	= 99		INCHES PROVIDED
TOTAL INCHES PROVIDED			99		

LIQUOR BOX:

13	OCCUPANTS	x 0.2	= 3		INCHES REQUIRED
1	11'-6" DOORS	x 130	= 130		INCHES PROVIDED
TOTAL INCHES PROVIDED			130		

SHEET NOTES

1. WHERE MERCHANDISE OR OTHER OBSTRUCTION OCCURS, NO LESS THAN ONE AISLE OF A 60" MINIMUM CLEAR WIDTH SHALL LEAD DIRECTLY TO AN EXIT FOR A CLASS A MERCANTILE OCCUPANCY (37.2.5.6).
2. ALL EXIT SIGNS AND EMERGENCY LIGHTS ARE EXISTING TO REMAIN AND WILL BE SUBJECT TO INSPECTION FROM THE FIRE MARSHAL HAVING AUTHORITY PRIOR TO FINAL APPROVALS.
3. 250' MAX. TRAVEL DISTANCE IS SHOWN AS A DASHED LINE.
4. MODIFICATION (43.2.2.1.3) THE RECONFIGURATION OF ANY SPACE; THE RECONFIGURATION OR EXTENSION OF ANY SYSTEM; OR INSTALATION OF ANY ADDITIONAL EQUIPMENT

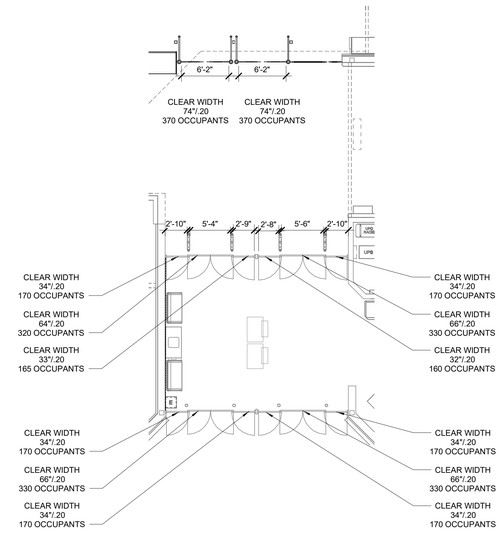
LEGEND

LINE REPRESENTS 250 FEET OR LESS OF TRAVEL DISTANCE TO EXIT DOORS WITH DIRECTION ARROW

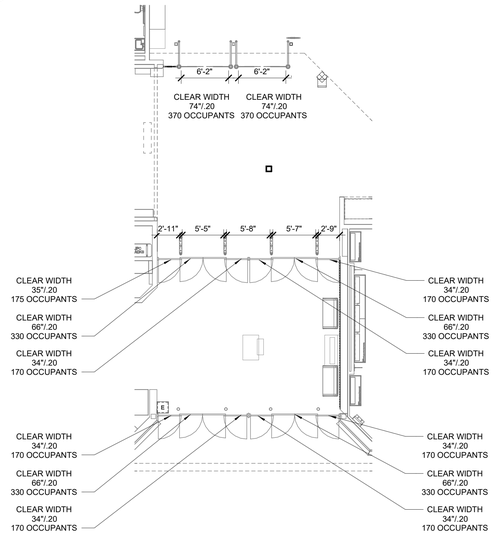
EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATION IN THEIR RELATED FIELD. THE FAILURE OF ACQUAINT THEMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR
DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

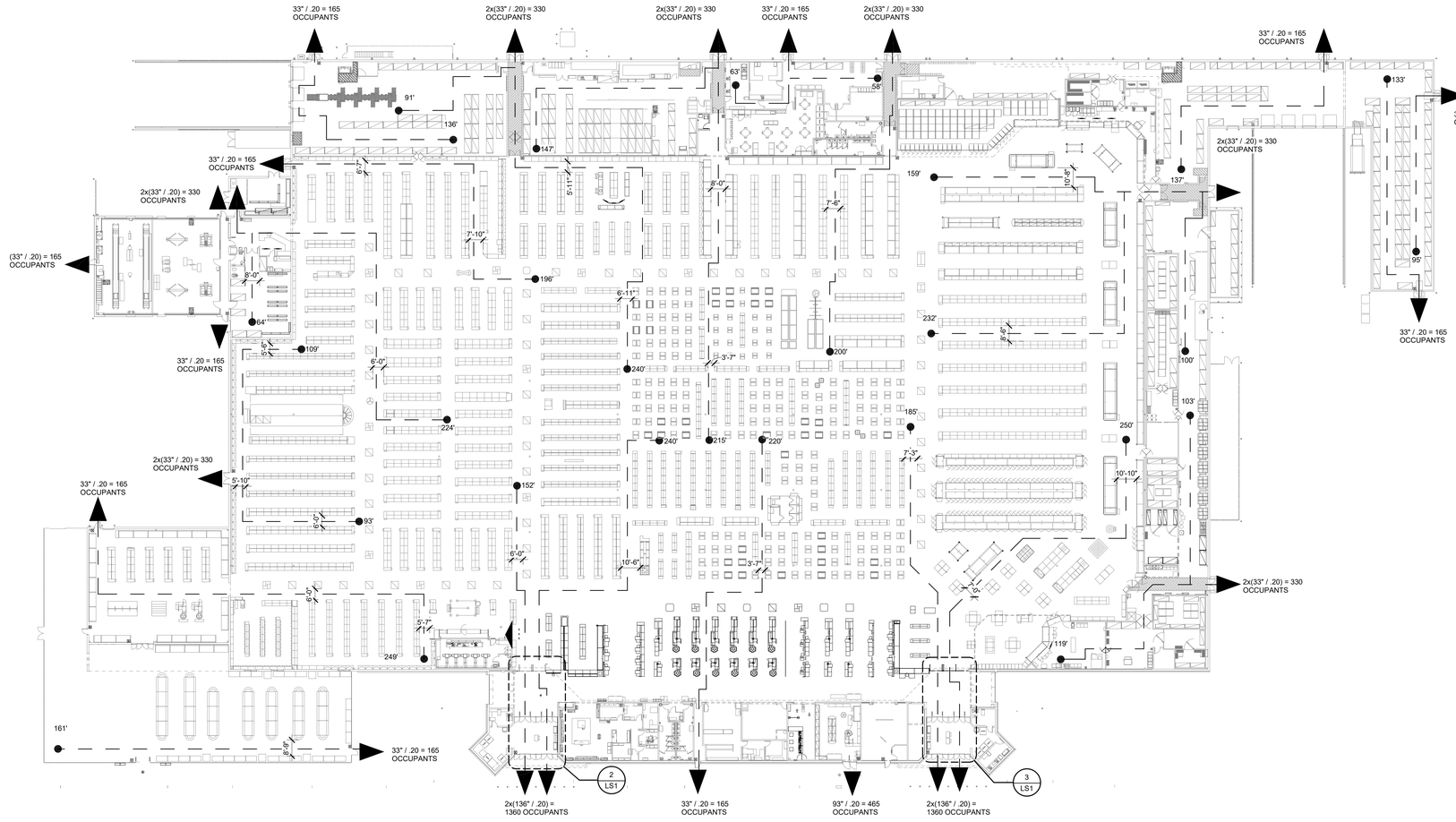
REFERENCE SHEET A1 FOR CODE REFERENCES AND GATE NOTES.



3 ENLARGED GR ENTRY PLAN
1/8" = 1'-0"



2 ENLARGED GM ENTRY PLAN
1/8" = 1'-0"



1 LIFE SAFETY PLAN
1" = 30'-0"

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LIFE SAFETY PLAN

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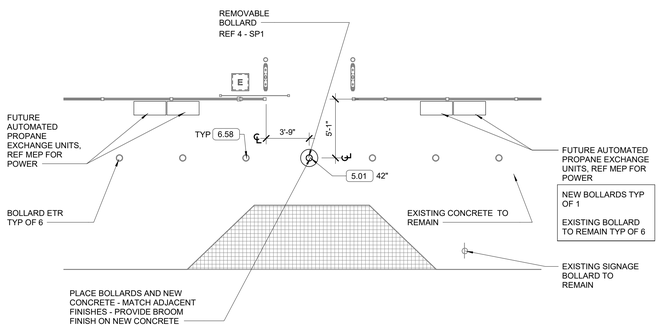
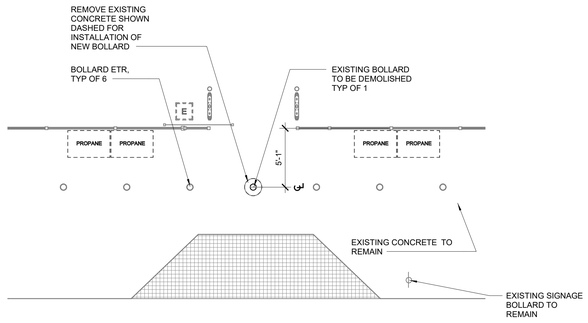
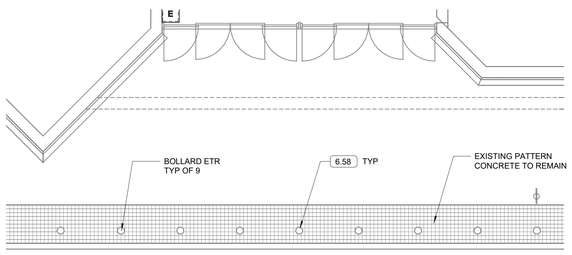


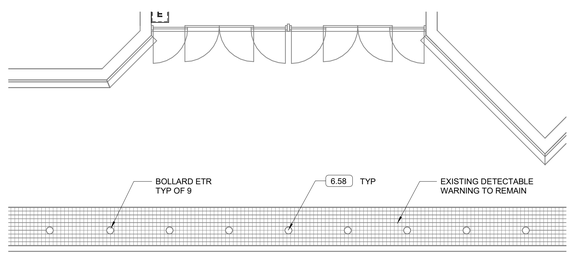
7 GC BOLLARD ENTRY PLAN
3/16" = 1'-0"



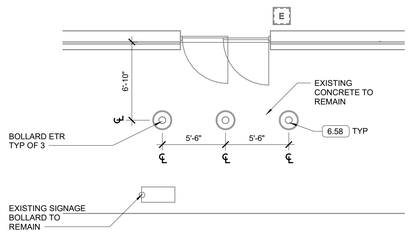
6 GC BOLLARD DEMO PLAN
3/16" = 1'-0"



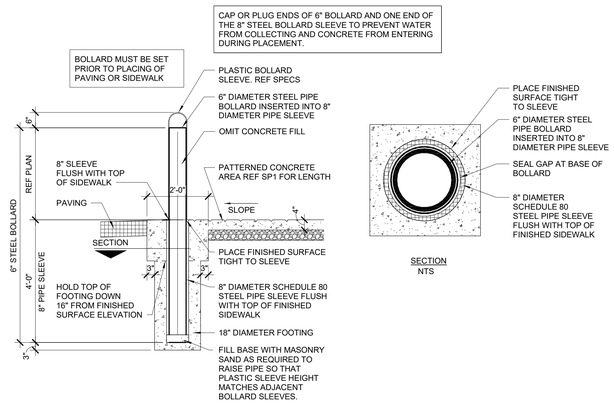
3 GM BOLLARD ENTRY PLAN
3/16" = 1'-0"



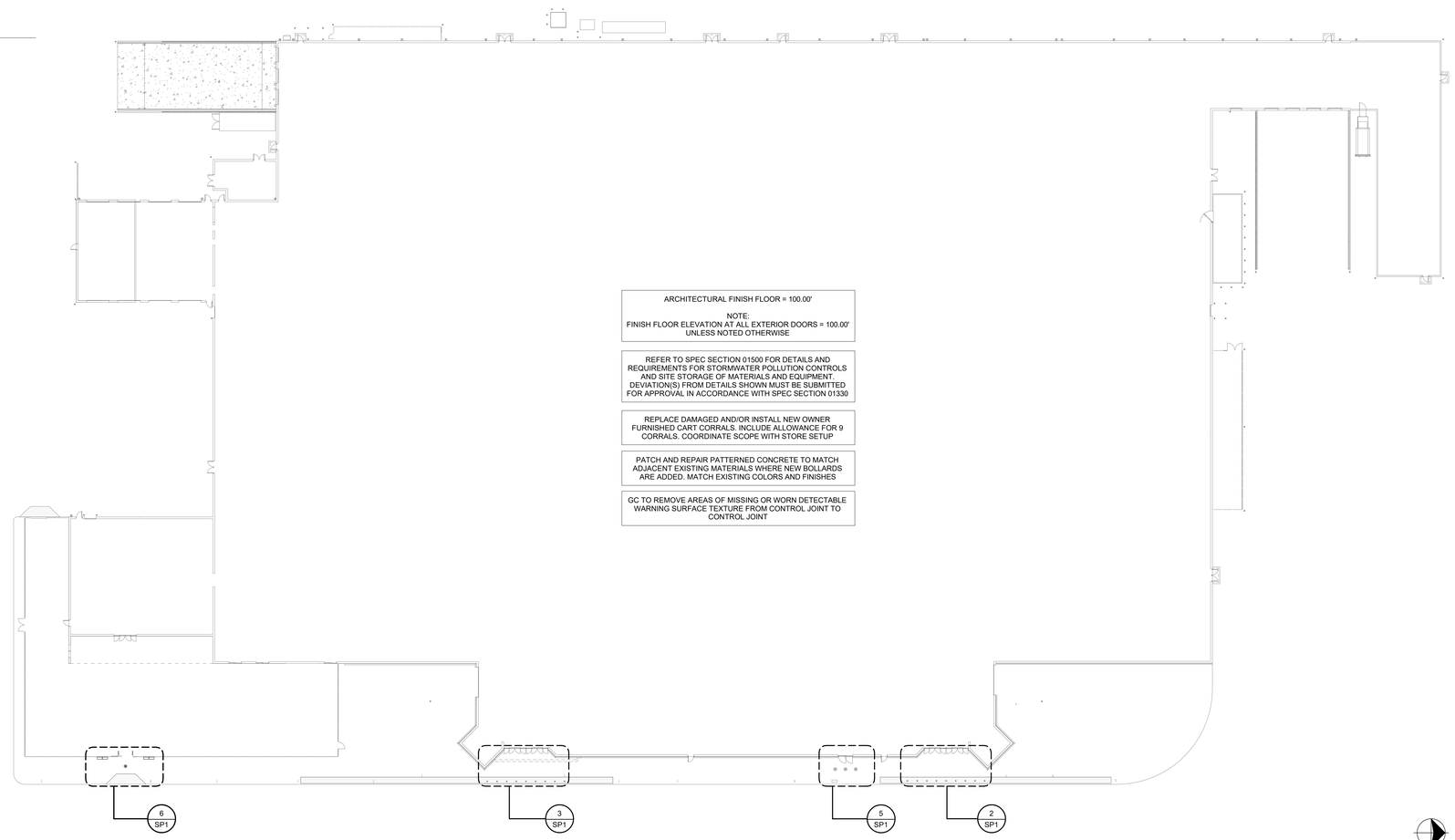
2 GR BOLLARD ENTRY PLAN
3/16" = 1'-0"



5 LIQUOR BOLLARD ENTRY PLAN
3/16" = 1'-0"



4 REMOVABLE BOLLARD
1/2" = 1'-0"



1 SITE PLAN
1" = 30'-0"

SITE SHEET NOTES

1. POWER WASH SIDEWALK AROUND THE ENTIRE PERIMETER OF BUILDING.
2. PROVIDE NEW SEALANT AT ALL JOINTS BETWEEN EXTERIOR BUILDING WALLS AND ADJACENT CONCRETE SIDEWALK/PAVING, REF SPEC 07900. IF PRESENT, REMOVE EXISTING SEALANT AND BACKER PRIOR TO RE-SEALING JOINTS
3. REPAINT PERIMETER SIDEWALK AND FIRE LANE CURB
4. RAISE ALL SITE SIGNS WITHIN CLOSE PROXIMITY TO STRUCTURE TO 7'-0" ABOVE GRADE.
5. REPLACE ALL DAMAGED, MISSING, OR FADED SITE SIGNS WITHIN CLOSE PROXIMITY TO STRUCTURE.
6. NOT USED.

KEYNOTES

5.01	6" PIPE BOLLARD WITH GRAY PLASTIC SLEEVE (HEIGHT OF SLEEVE NOTED ADJACENT TO KEYNOTE)
6.58	INSTALL GRAY BOLLARD COVERS AT ALL FRONT ENTRANCE BOLLARDS. ANCHOR COVERS TO BOLLARD. REF SPEC.

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SITE PLAN

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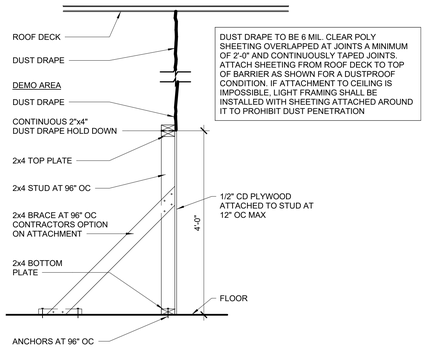
DEMOLITION LEGEND

- EXISTING TO REMAIN
- DEMOLISH/REMOVE/RELOCATE
- AREA TO BE DEMOLISHED

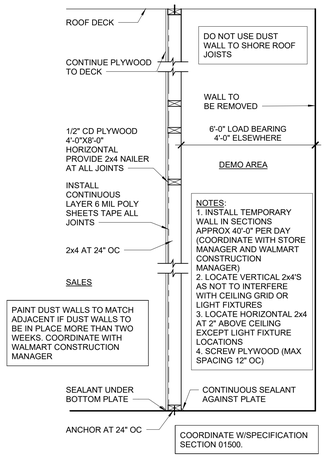
SHEET NOTES

1. DEMOLITION INCLUDES BUT IS NOT LIMITED TO ITEMS SHOWN DASHED. REF DEMOLITION REQUIREMENT NOTE ON N1 SHEET.
2. REMOVE ALL DOORS SHOWN DASHED. REFER TO ENLARGED PLANS AND DOOR SCHEDULE FOR DOOR AND FRAME REPLACEMENT.



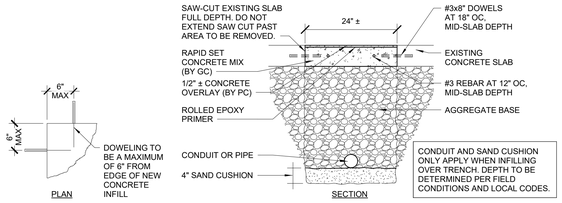
6 TEMPORARY BARRIER/DUST DRAPE

3/4" = 1'-0"



5 DUST WALL SECTION

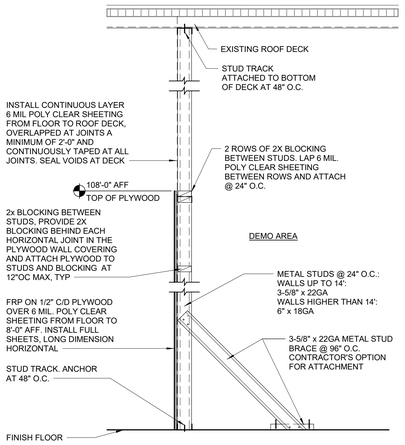
3/4" = 1'-0"



CONTRACTOR NOTES:
1. SAWCUT EDGES SHALL BE STRAIGHT AND EITHER PARALLEL EXISTING CONTROL/CONSTRUCTION JOINTS. SAWCUTS AT AN ANGLE TO THE EXISTING CONTROL JOINT PATTERN WILL NOT BE ALLOWED UNDER ANY CIRCUMSTANCES.
2. PRIOR TO CUTTING, INSTALL 36" WIDE ROSIN PAPER EACH SIDE OF PROPOSED EDGE CUTS IN ORDER TO REDUCE SCARRING OF SLAB THAT IS TO REMAIN.
3. NO OVERCUTTING SHALL BE ALLOWED AT EDGES OR CORNERS OF TRENCH AREA TO BE REMOVED. PORTIONS OF SLAB WHERE OVERCUTS OCCUR SHALL BE REMOVED AND REPLACED AT THE CONTRACTOR'S EXPENSE, WITH NO EXTENSION OF THE CONSTRUCTION SCHEDULE.
4. PERFORM CUTTING OF EXISTING CONCRETE SLABS IN ACCORDANCE WITH THE DETAILS AND SPECIFICATIONS USING SAWS AND/OR CORE DRILLS. ALL SLAB CUTTING SHALL BE PERFORMED AT NIGHT AFTER THE BUILDING HAS CLOSED FOR BUSINESS. JACK-HAMMERS OR EXPLOSIVES WILL NOT BE ALLOWED AT ANY TIME.
5. USE REMOVAL METHODS THAT WILL NOT CRACK, UNDERMINE, OR STRUCTURALLY DISTURB ADJACENT SLABS OR PARTITIONS.

4 SLAB TRENCHING DETAIL

3/4" = 1'-0"

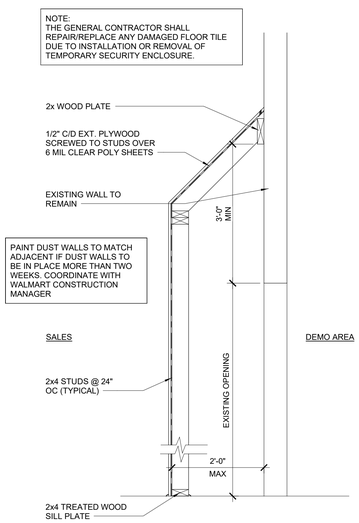


NOTE: TYPICAL WHERE UTILITY TRENCHES ARE CUT IN FLOORS OF FOOD AREAS WITHOUT CEILINGS / NOT ON AN EXTERIOR WALL

3 TEMPORARY FRP CLAD TRENCH BARRIER/DUST DRAPE

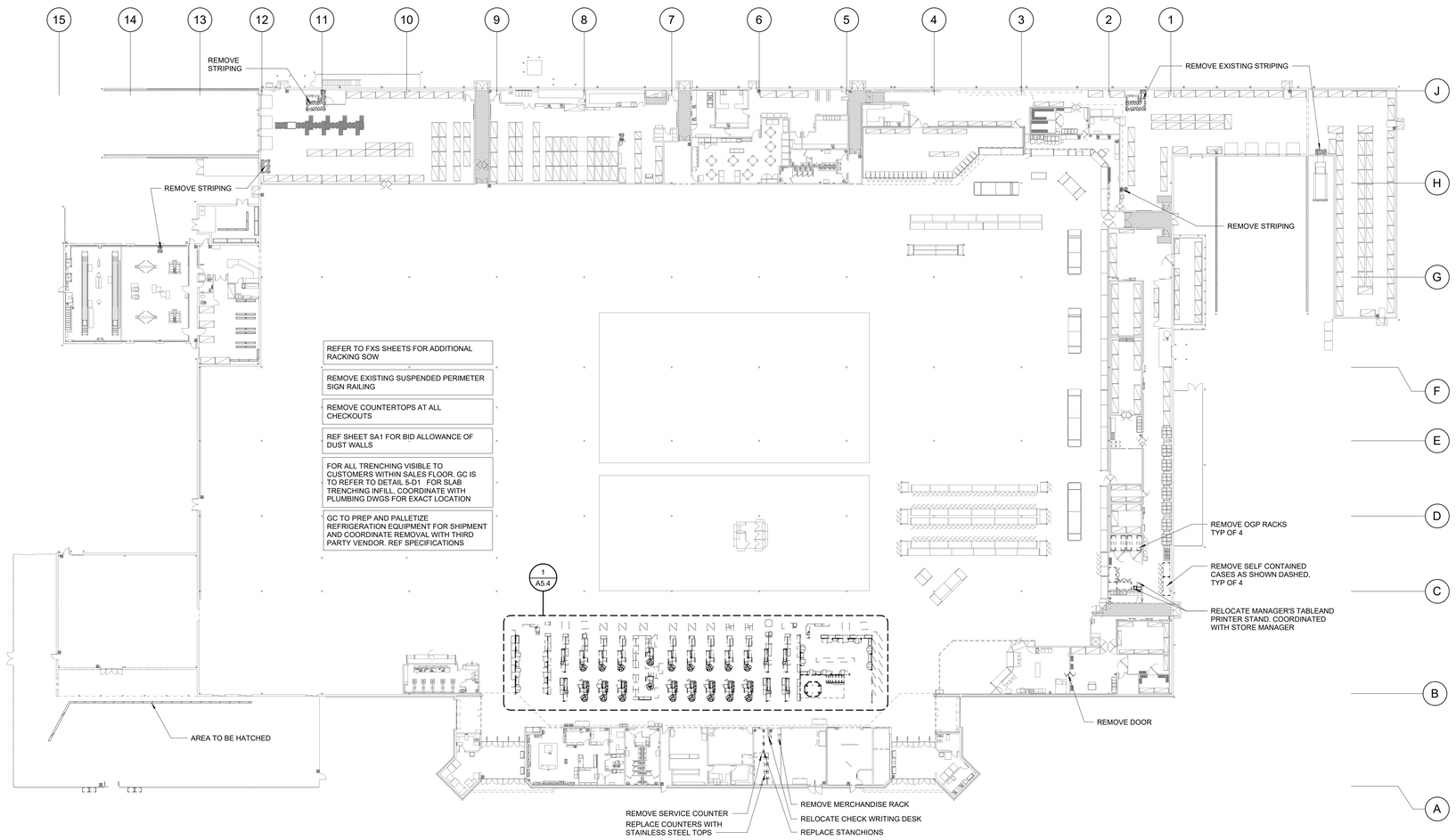
3/4" = 1'-0"

NOTE:
THE GENERAL CONTRACTOR SHALL REPAIR/REPLACE ANY DAMAGED FLOOR TILE DUE TO INSTALLATION OR REMOVAL OF TEMPORARY SECURITY ENCLOSURE.



2 SECURITY ENCLOSURE

3/4" = 1'-0"



1 DEMOLITION PLAN

1" = 30'-0"

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DEMOLITION PLAN

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178 GM RECEIVING

WALLS
- ETR.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

COMPACTOR
- ETR.

100 SALES, 900 GR SALES

WALLS
- GYP BD: REF A1 FOR PAINT. INSTALL PS7 WAINSCOT AND DB5 BASE UNO, EXTEND WAINSCOT AND BASE AT EXPOSED WALL TO NEAREST MERCHANDISE RACK. REF 3-A3.
- CMU: REF A1 FOR PAINT. WHERE BASE IS EXISTING, IT IS ETR.
- GR SALES: REF GA1 AND GA2 FOR PAINT FINISHES.

FLOOR
- REF FLOOR FINISH PLAN.

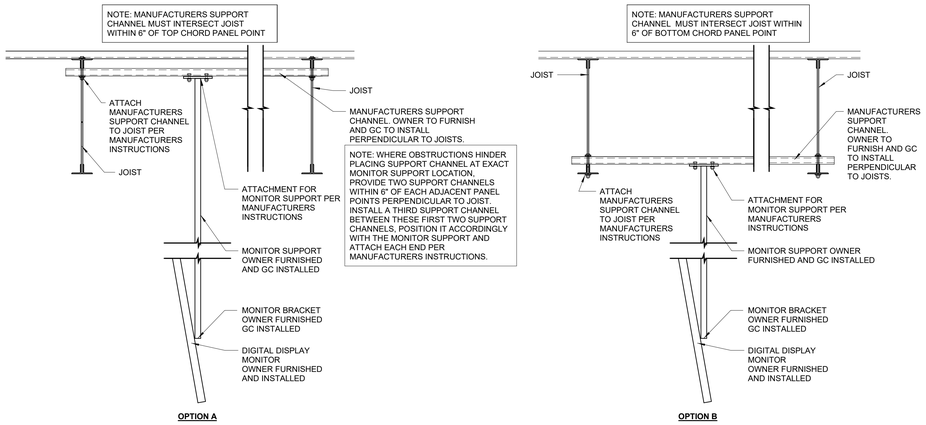
CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

SHEET NOTES

1. ENSURE ALL EXISTING WALL STANDARDS AND HALF GONDOLAS TO REMAIN ARE SECURE TO WALL.
2. RELOCATE AND/OR INSTALL PREFABRICATED CASH WRAP(S) FOR CHECKOUTS AND SERVICE COUNTERS. CAULK BASE TO FLOOR WHEN LOCATION IS FINALIZED.
3. RELOCATION AND SETUP OF GONDOLAS AND/OR RACKING AS INDICATED ON FXS SHEETS WILL BE PERFORMED BY OTHERS. ANCHORING OF UPRIGHTS TO BE PERFORMED BY GENERAL CONTRACTOR.

KEYNOTES

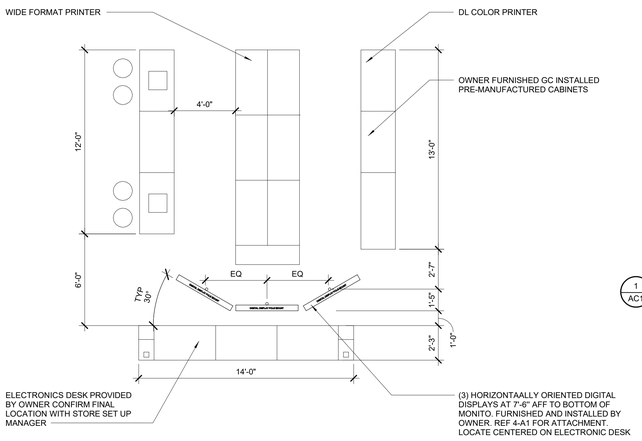
9.90	FLOOR STRIPES. REF N1 FOR STRIPING CONDITIONS.
10.44	PROVIDE TACTILE "EXIT" SIGN. REF N1.



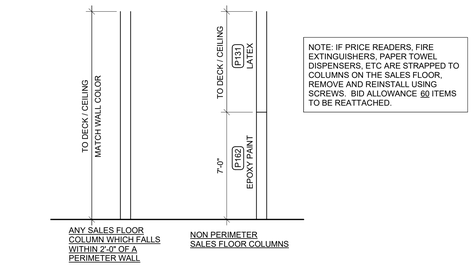
4 MONITOR SUPPORT BRACKET (OWNER FURNISHED)
3/4" = 1'-0"

PREMANUFACTURED WALL SCHEDULE

A 4'-0" LONG WALL PANEL ASSEMBLY
B 2'-0" LONG WALL PANEL ASSEMBLY
C CORNER GUARD
D 1'-0" LONG WALL PANEL ASSEMBLY

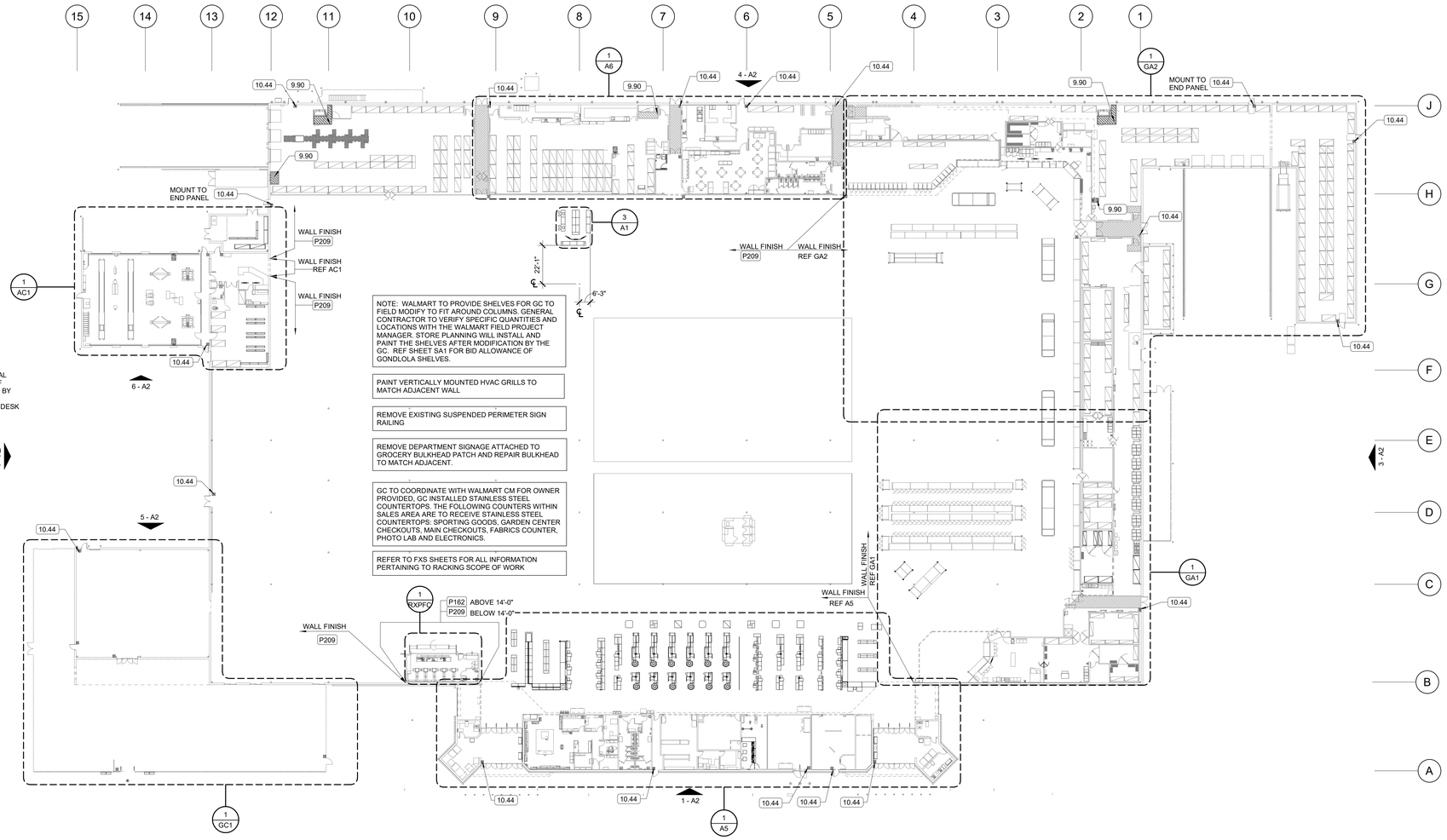


3 PHOTO LAB PLAN
1/4" = 1'-0"



NOTE: IF PRICE READERS, FIRE EXTINGUISHERS, PAPER TOWEL DISPENSERS, ETC ARE STRAPPED TO COLUMNS ON THE SALES FLOOR, REMOVE AND REINSTALL USING SCREWS. BID ALLOWANCE 60 ITEMS TO BE REATTACHED.

2 COLUMN COLORS
1/4" = 1'-0"



1 FLOOR PLAN
1" = 30'-0"

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FLOOR PLAN

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FLOOR FINISH RESPONSIBILITY MATRIX 7

ICC (POLISH) / PVC Conversion

REMODEL PROJECT: 0767 LAKE CITY, FL

PROJECT SCOPE: ICC (LIMITED POLISH TO FIXTURE MOVE AREAS)

PREFERRED FLOORING CONTRACTOR: (RMI)

SCOPE OF WORK REMOVAL OF EXISTING AND INSTALLATION OF NEW:	CONTRACTOR RESPONSIBLE FOR WORK LISTED			
	PREFERRED FLOORING CONTRACTOR	GENERAL CONTRACTOR	REFRIGERATION CONTRACTOR	FLOORING NOTES
TENANT SPACES	X			
VISION CENTER	X			
APPAREL PADS - REMOVAL	X			
APPAREL PADS - STAIN BAND	X			
VESTIBULE - PORCELAIN	X			
PORCELAIN AT ENTRY TILE	X			
PHARMACY CARPET TILE	X			
RECYCLING CENTER PORCELAIN TILE	X			
FLOOR FINISHES IN GROCERY PREP AREAS (NON PUBLIC)		X		
RESTROOMS - CONCRETE OVERLAY	X			
RESTROOMS - TILE		X		
VESTIBULE - RUBBER FLOOR	X			1
REMOVAL AND INSTALLATION OF REFRG. CASE KICK PLATE		X		
FLOOR JOINT REPAIR (CUSTOMER AREAS)	X			
SLAB SURFACE ENHANCEMENT	X			
SEASONAL	X			
REMOVAL AND REPLACEMENT OF REFRIGERATED CASE PROTECTION		X		
REMOVAL AND/OR REPLACEMENT OF THRESHOLDS AT AUTOMATIC SLIDING DOORS BY VENDOR. GC TO SCHEDULE.		X		

FLOORING NOTES

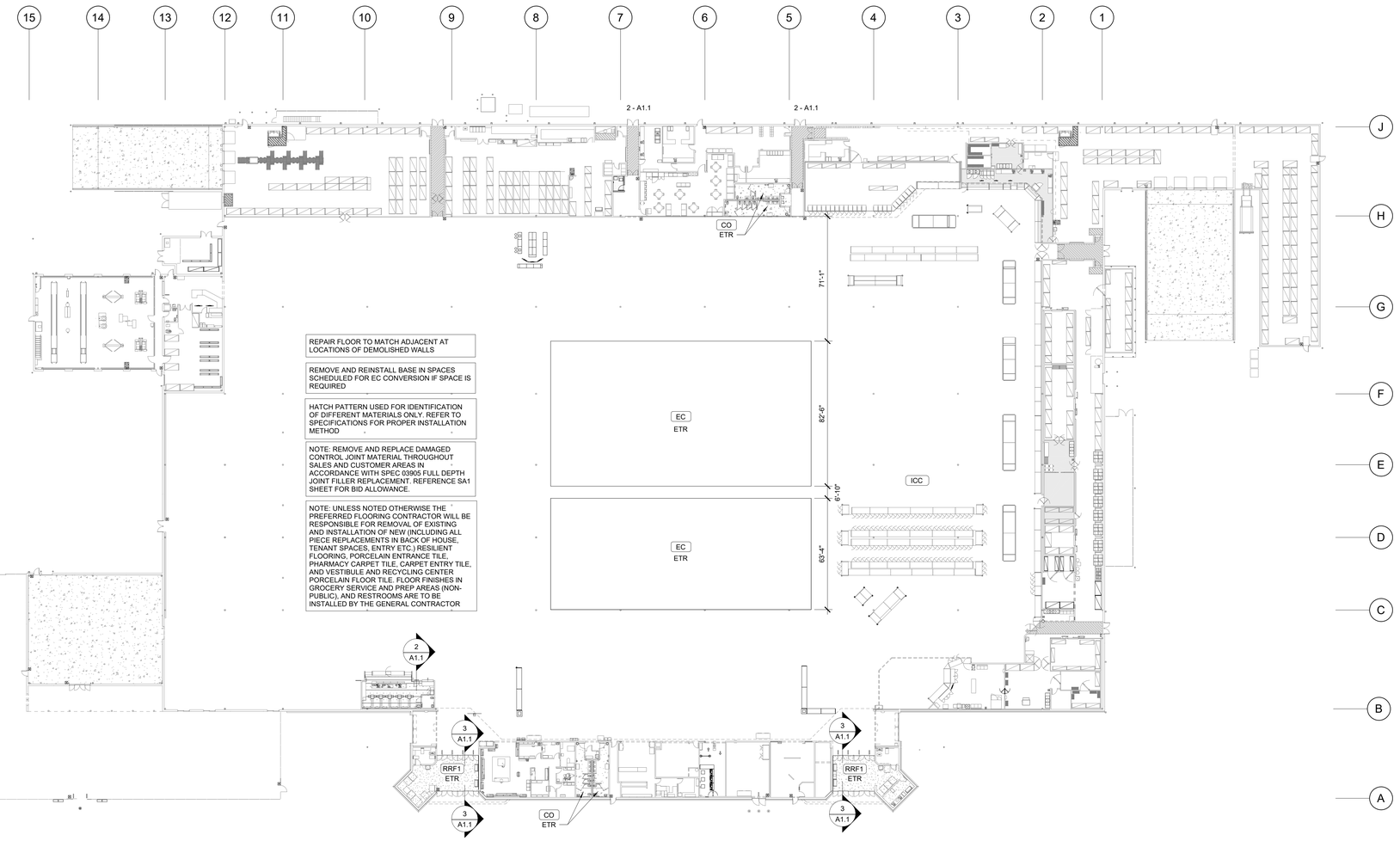
1. THRESHOLD AT AUTOMATIC ENTRANCE SLIDER DOOR TO BE REPLACED BY VENDOR.

SHEET NOTES

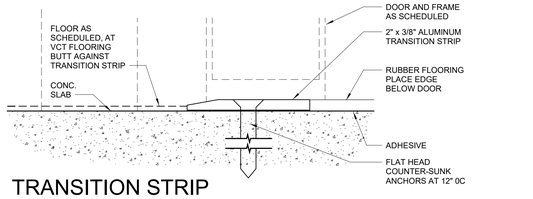
1. REF STRUCTURAL DRAWINGS FOR EXPOSED AND INTEGRALLY COLORED CONCRETE FLOORS
2. REPAIR BOLT HOLES AND SPALLS RESULTING FROM MERCHANDISE FIXTURE AND OR STORAGE RACK RELOCATION OR REMOVAL. FILL ALL BOLT HOLES AND SPALLS RESULTING FROM FIXTURE AND OR STORAGE RACK RELOCATION OR REMOVAL IN NON CUSTOMER ACCESSIBLE AREAS WITH NON SHRINK GROUT. REF SHEET SA1 FOR BID ALLOWANCE OF BOLT HOLES /SPALLS TO REPAIR.
3. REMOVE AND REPLACE DAMAGED TRANSITION STRIPS TO MATCH EXISTING.

LEGEND

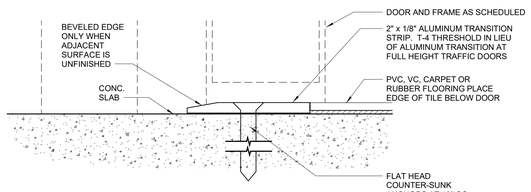
- RUBBER FLOORING
- CARPET
- CONCRETE OVERLAY
- VINYL TILE
- LVT
- ICC



1 FINISH FLOOR PLAN
1" = 30'-0"



3 TRANSITION STRIP AT RUBBER FLOORING
12" = 1'-0"



2 TRANSITION STRIP AT CARPET
12" = 1'-0"

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FLOOR FINISH PLAN

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SITE PLAN

SITE SIGNAGE: EXISTING

PYLON 1

AUTO CARE PYLON

DISCLOSURES

- SIGN ORDINANCE: LAKE CITY, FLORIDA - CODE OR ORDINANCES CHAPTER 78 - SIGNS AND ADVERSTISING
- MAXIMUM HEIGHT ALLOWED FOR PYLON AND MONUMENT SIGNS IS 18 FT.
- SIGN SHOULD BE INCLUDED IN CALCLUATION OF SIGN AREA (1.50 TIMES LINEAR LOT FRONTAGE) FOR MAXIMUM SQ FOOTAGE ALLOWED.
- NO ADDITIONAL PYLON/MONUMENT SIGN CAN BE ADDED. 1 PER PROPERTY.
- NO RESTRICTION TO HOW MANY BUILDING WALL SIGNS ARE ALLOWED.
- SIGNAGE CALCAULATED WITH BOX METHOD.
- MAXIMUM SQ FOOTAGE FOR BUILDING SIGNS ALLOWED IS INCLUDED IN THE CALCULATION OF SIGN AREA (1.50 TIMES LINEAR LOT FRONTAGE)
- NO COLOR RESTRICTIONS FOR SIGNS.
- RESTRICTIONS TO THE ADDITION OF ONE OR MORE SIGNS TOTALING APPROX. 100 SQ FT.
- RESTRICTIONS WITH MODIFYING WALMART SIGN TO INCLUDE A BUMP OUT ABOVE THE PARAPET NO GREATER THAN TWO FT.
- NO RESTRICTIONS WITH PROPOSED COLOR SCHEMES.

COLOR LEGEND

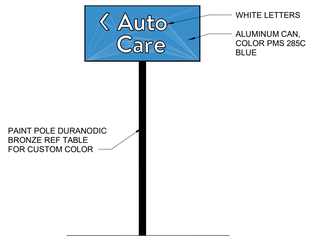
	P#	COLOR NAME
	P49E	DARK GRAY
	P76U	WALMART BLUE (URETHANE-LIKE)
	P134E	LIGHT GRAY
	P135E	MEDIUM GRAY
	P162E	BLACK GRAY
	P5E	SAFETY YELLOW
	P81E	BLACK

DEMOLITION NOTES

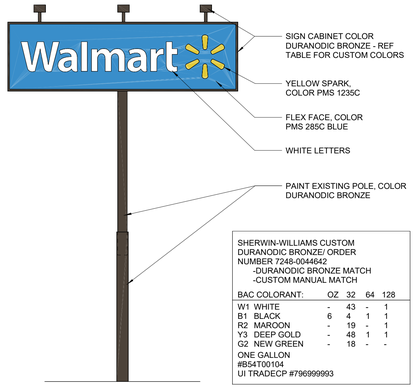
1. REMOVE EXTERIOR TENANT SIGNS. COORDINATE REMOVAL WITH WALMART CM AND TENANT PRIOR TO BEGINNING WORK. DELIVER REMOVED TENANT SIGNS TO TENANT.
2. REMOVAL OF BUILDING MOUNTED ITEMS, SHOWN OR NOTED TO BE DEMOLISHED OR AS REQUIRED BY SCOPE OF WORK, SHALL OCCUR PRIOR TO PAINTING BUILDING. COORDINATE DEMOLITION WORK SO EXTERIOR PAINTING WILL OCCUR TO INSTALLATION OF BUILDING MOUNTED ITEMS.

SHEET NOTES

1. PATCH AND REPAIR EXTERIOR WALL SURFACES, DAMAGED OR EXPOSED DUE TO REMOVAL OF BUILDING MOUNTED ITEMS, TO MATCH ADJACENT AS REQUIRED.
2. REFER TO DETAILS ON SHEET A2.1 FOR SUBSTRATE AND FINISH REQUIREMENTS AT LOCATIONS OF BUILDING MOUNTED SIGNS.
3. RESURFACE EXISTING EIFS WHERE SHOWN (HATCHED AREA).
4. NOT USED.
5. PRIOR TO PAINTING WALL AT LOCATION(S) OF LIT ID/LOGO SIGN(S), COORDINATE SCOPE OF WORK WITH WALMART CM.
6. IF PAINTING ADJACENT WALLS PAINT HOLLOW METAL STEEL DOORS, FRAMES, AND DOWNSPOUTS, EXPOSED METAL FLASHING, HANDRAILS, AND EXPOSED MISCELLANEOUS STEEL TO MATCH ADJACENT BUILDING COLOR UNO.
7. PAINT ANY NEW ROOFTOP GAS PIPING P5E WHERE EXTERIOR WALL IS BEING PAINTED, GAS PIPE ALONG SIDE WALL TO GRADE SHOULD MATCH ADJACENT BUILDING. DO NOT PAINT METER OR VALVES.
8. IF PAINTING ADJACENT WALLS PAINT CANOPY STRUCTURAL STEEL AND FLASHING TO MATCH ADJACENT WALL.
9. NOT USED.
10. PAINT ALL EXTERIOR ENTRY BOLLARDS TO MATCH EXISTING COLOR UNLESS NOTED TO RECEIVE PLASTIC BOLLARD SLEEVE.
11. NOT USED.
12. DO NOT PAINT LED WALL PACK HOUSINGS
13. PAINT GARDEN CENTER STEEL DOORS AND FRAMES P81E
14. NOT USED.
15. NOT USED.
16. NOT USED.



8 AUTO CARE PYLON
3/16" = 1'-0"

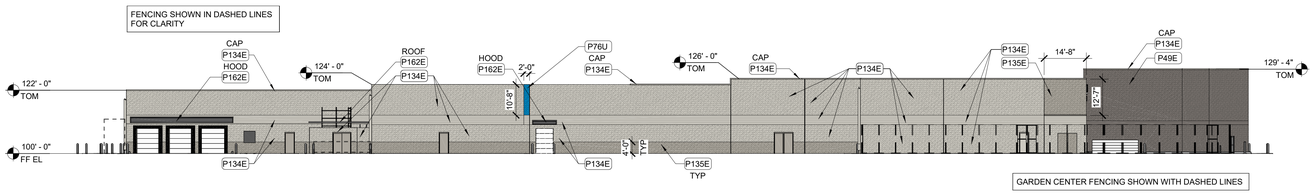


SHERWIN-WILLIAMS CUSTOM DURANODIC BRONZE/ ORDER NUMBER 7248-0044642
-DURANODIC BRONZE MATCH
-CUSTOM MANUAL MATCH

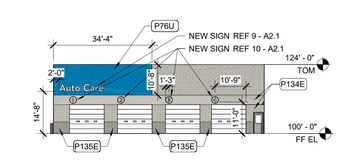
BAC COLORANT:	OZ	32	64	128
W1 WHITE	-	43	-	1
B1 BLACK	6	4	1	1
R2 MAROON	-	19	-	1
Y3 DEEP GOLD	-	48	1	1
G2 NEW GREEN	-	18	-	-

ONE GALLON
#B54T00104
UI TRADECP #796999993

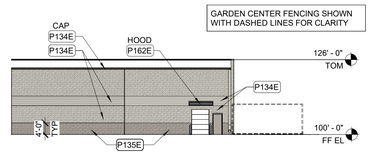
9 PYLON 1 SIGNAGE
3/16" = 1'-0"



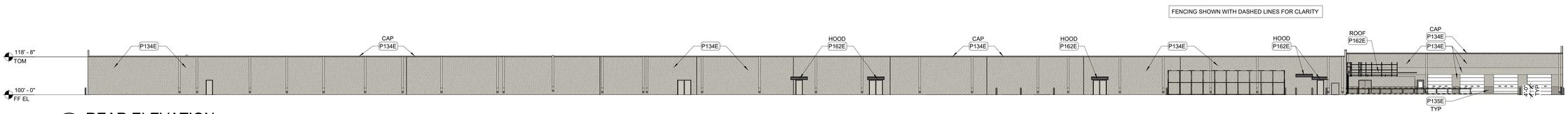
7 LEFT ELEVATION
3/64" = 1'-0"



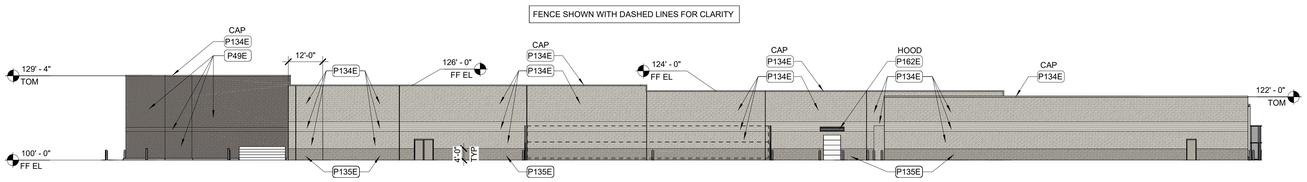
6 AUTO CARE FRONT ELEVATION
3/64" = 1'-0"



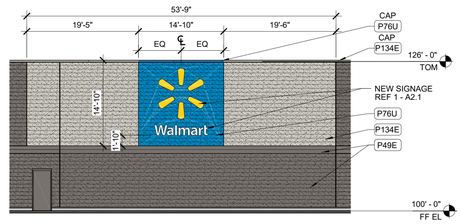
5 SEASONAL SHOP REAR ELEVATION
3/64" = 1'-0"



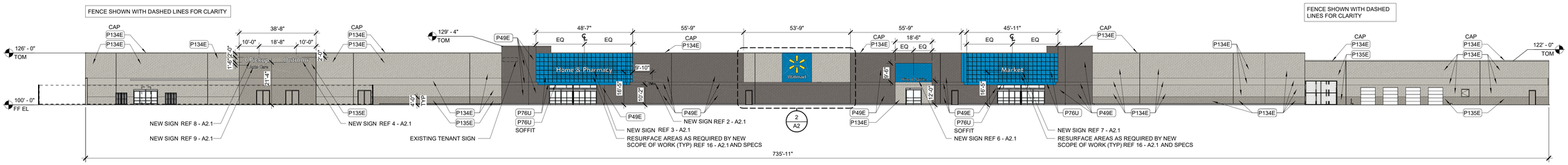
4 REAR ELEVATION
3/64" = 1'-0"



3 RIGHT ELEVATION
3/64" = 1'-0"



2 ENLARGED ELEVATION
3/32" = 1'-0"



1 FRONT ELEVATION
3/64" = 1'-0"

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EXTERIOR ELEVATIONS

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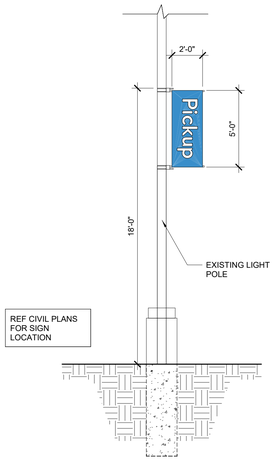
SIGNAGE WILL BE SUBMITTED UNDER SEPARATE PERMIT

EXISITNG SCHEDULE							
SIGN	QTY	TYPE	LIGHTED	COLOR	SIZE	INDIVIDUAL AREA	TOTAL AREA
FRONT ELEVATION							
WALMART *	1	EXISTING	LED	WHITE/YELLOW	5'-6"/8'-0"	299.04 SF	299.04 SF
HOME & PHARMACY	1	EXISTING	NO	WHITE	2'-6"	94.90 SF	94.90 SF
<AUTO CENTER	1	EXISTING	NO	WHITE	2'-0"	33.95 SF	33.95 SF
LAWN & GARDEN	1	EXISTING	NO	WHITE	2'-6"	58.35 SF	58.35 SF
SPARK BOTTLES	1	EXISTING	LED	YELLOW	3'-6"	19.67 SF	19.67 SF
SPIRITS	1	EXISTING	LED	WHITE	1'-6"	11.34 SF	11.34 SF
GROCERY	1	EXISTING	NO	WHITE	2'-6"	41.05 SF	41.05 SF
* PICKUP	1	EXISTING	LED	YELLOW/WHITE	2'-6"	66.68 SF	66.68 SF
FRONT ELEVATION	8						624.98 SF
AUTO CENTER							
AUTO CENTER	1	EXISTING	NO	WHITE	2'-0"	30.74 SF	30.74 SF
TIRE	2	EXISTING	NO	WHITE	1'-0"	2.58 SF	5.16 SF
LUBE	2	EXISTING	NO	WHITE	1'-0"	2.98 SF	5.96 SF
AUTO CENTER	5						41.86 SF
TOTAL BUILDING SIGNAGE	13						666.84 SF

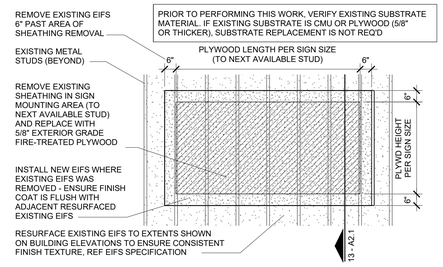
NEW SIGNAGE SCHEDULE							
SIGN	QTY	TYPE	LIGHTED	COLOR	SIZE	INDIVIDUAL AREA	TOTAL AREA
FRONT ELEVATION							
* WALMART	1	NEW	LED	YELLOW/WHITE	8'-10"/1'-9"	109.62 SF	109.62 SF
HOME & PHARMACY	1	NEW	NO	WHITE	2'-6"	94.90 SF	94.90 SF
VISION	1	NEW	NO	WHITE	1'-0"	3.63 SF	3.63 SF
OUTDOOR	1	NEW	NO	WHITE	2'-6"	31.88 SF	31.88 SF
< AUTO CARE	1	NEW	NO	WHITE	1'-6"	16.25 SF	16.25 SF
WINE & SPIRITS	1	NEW	NO	WHITE	1'-6"	25.77 SF	25.77 SF
MARKET	1	NEW	NO	WHITE	2'-6"	27.66 SF	27.66 SF
PICK UP >	1	NEW	LED	WHITE	2'-6"	40.88 SF	40.88 SF
FRONT ELEVATION	8						350.59 SF
AUTO CARE							
AUTO CARE	1	NEW	NO	WHITE	2'-6"	38.65 SF	38.65 SF
NUMERIALS 1, 2, 3, 4	4	NEW	NO	WHITE	2'-6"	4.12 SF	16.48 SF
AUTO CARE	5						55.13 SF
TOTAL BUILDING SIGNAGE	13						405.72 SF

SIGNAGE GENERAL NOTES

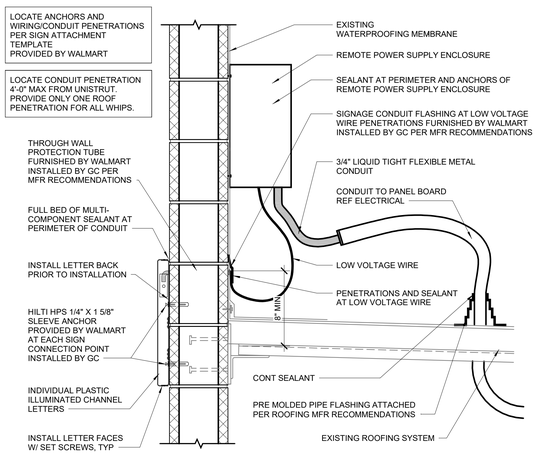
1. SIGNAGE FURNISHED BY WAL-MART AND INSTALLED BY OTHERS.
2. ALL EXISTING WALMART EXTERIOR SIGNAGE IS TO REMAIN IN PLACE ON THE BUILDING UNTIL THE EXTERIOR SIGN COMPANY IS ONSITE. THE EXTERIOR SIGN COMPANY WILL REMOVE EXISTING SIGNAGE AND INSTALL NEW SIGNAGE. ONCE NEW SIGNAGE IS INSTALLED, GENERAL CONTRACTOR WILL PERFORM PATCH, REPAIR, AND PAINTING WORK NOTED IN PLANS AFTER NEW SIGNAGE IS INSTALLED
   A. FOR STORES THAT REQUIRE STRUCTURAL MODIFICATIONS OR REPAIRS FOR INSTALLATION OF NEW EXTERIOR SIGNAGE, A TEMPORARY BANNER WILL BE INSTALLED BY THE EXTERIOR SIGN COMPANY PRIOR TO REMOVAL OF EXISTING EXTERIOR SIGNAGE. BANNER WILL REMAIN IN PLACE UNTIL ALL MODIFICATIONS AND/OR REPAIRS HAVE BEEN COMPLETED AND NEW SIGNAGE IS INSTALLED. GC SHALL PRIORITIZE MODIFICATIONS/REPAIRS REQUIRED FOR INSTALLATION OF NEW EXTERIOR SIGNS WHILE EXTERIOR SIGN COMPANY IS ON SITE
   B. TEMPORARY BANNER WILL BE APPROXIMATELY 125 SF (5'X25').
   C. EXTERIOR SIGN WORK NEEDS TO BE SCHEDULED, COORDINATED, AND COMPLETED DURING WEEK 6 OF THE CONSTRUCTION SCHEDULE.
3. GENERAL CONTRACTOR RESPONSIBILITIES
   A. REMOVE EXISTING EXTERIOR BUILDING SIGNAGE AS NOTED ON SHEET A2. (LIGHTED ID/LOGO SIGNS WILL BE REMOVED BY OTHERS.)
   B. BY END OF FIRST WEEK OF CONSTRUCTION, REVIEW EXISTING CONSTRUCTION WHERE SIGN(S) WILL BE INSTALLED. IF EXISTING CONDITIONS DO NOT MATCH SIGN ATTACHMENT DETAILS SHOWN, REQUEST APPROVAL FROM CONSTRUCTION MANAGER TO SUBMIT RFI IN ACCORDANCE WITH SECTION 01255. NOTE DIFFERENCES IN CONSTRUCTION, INCLUDING DIMENSIONS, AND INCLUDE PHOTOGRAPHS FOR CLARIFICATION.
   C. PROVIDE SUBSTRATE SUITABLE FOR INSTALLATION OF SIGNAGE. REFER TO DETAILS ON SHEET A2.1. FOR LIGHTED ID/LOGO SIGNS COORDINATE TIMING OF WORK WITH WALMART SIGN CONTRACTOR.
   D. PROVIDE JUNCTION BOXES AND CIRCUITRY TO NEW "Walmart" and "spark" SIGNAGE. EXISTING (6) BOXES FROM "WAL+MART" SIGNAGE MAY BE REUSED.
   E. PROVIDE JUNCTION BOXES AND CIRCUITRY TO TENANT SIGNAGE LOCATION SHOWN. REFER TO ELECTRICAL.
   F. INSTALL ACCESS DOORS AND FRAMES IN GYPSUM BOARD CEILINGS IF REQUIRED BY RELOCATION OF EXISTING TENANT SIGNAGE.
   G. VERIFY VOLTAGE AT CIRCUITS FEEDING LIGHTED SIGNAGE. REFER TO ELECTRICAL
   H. MAKE FINAL TERMINATIONS ON LIGHTED SIGNAGE
4. SIGNAGE CONTRACTOR RESPONSIBILITIES
   A. REMOVE ALL LIT SIGNS UNLESS NOTED OTHERWISE.
   B. FURNISH SPECIFIED CONDUIT FOR LIGHTED SIGNAGE.
   C. MAKE REQUIRED EXTERIOR WALL PENETRATIONS, INSTALL CONDUIT, AND SEAL PENETRATIONS PER SPECIFICATION SECTION 07900.
   D. INSTALL SIGNAGE PER DETAILS ON SHEET A2.1



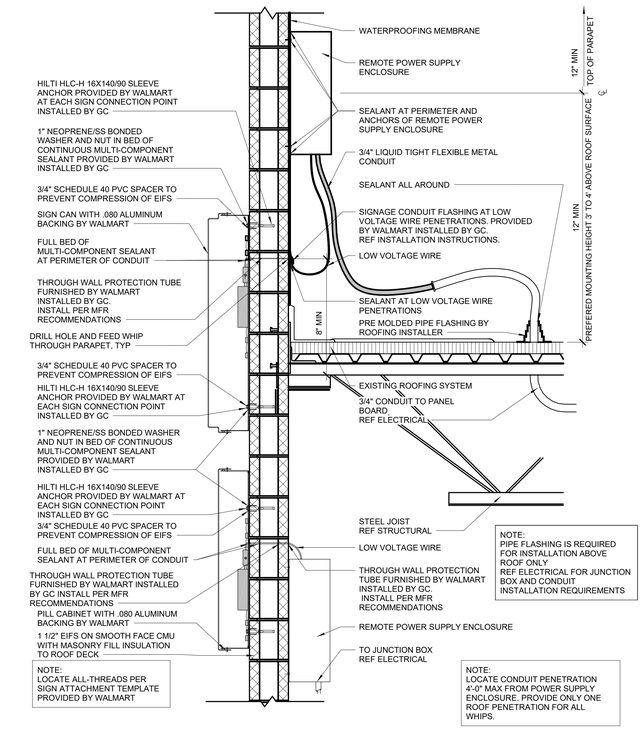
17 PICKUP BANNER AT EXISTING LIGHT POLE
1/4" = 1'-0"



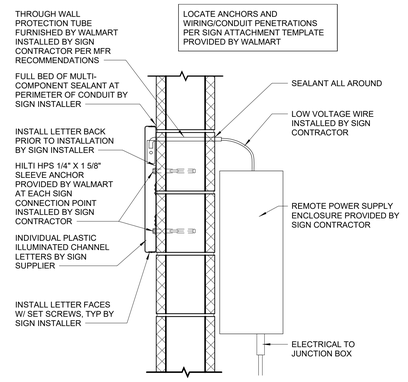
16 SUBSTRATE AT NEW SIGNAGE
3/8" = 1'-0"



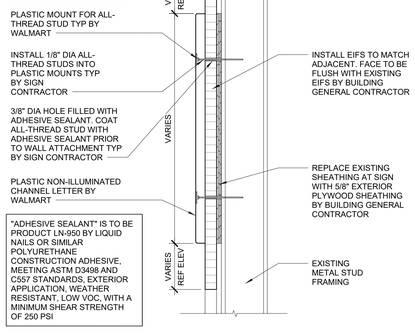
15 SIGNAGE ATTACHMENT ABOVE ROOF LINE
1 1/2" = 1'-0"



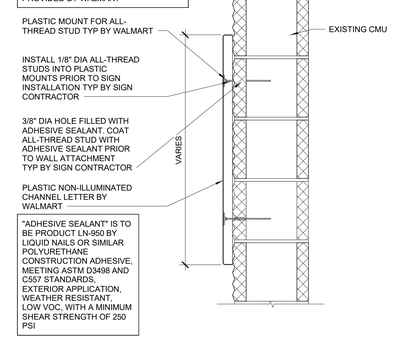
11 SIGN ATTACHMENT AT MAIN ID
1" = 1'-0"



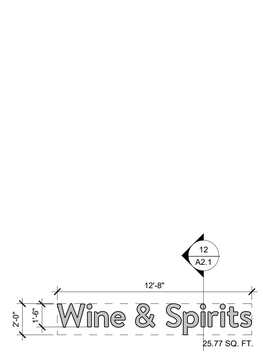
14 SIGN ATTACTHMENT BELOW ROOF LINE
1 1/2" = 1'-0"



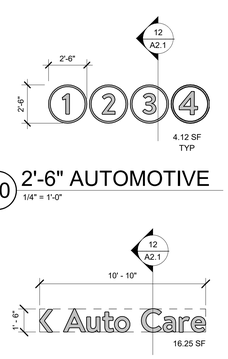
13 SIGN ATTACHMENT AT EIFS WALL
1 1/2" = 1'-0"



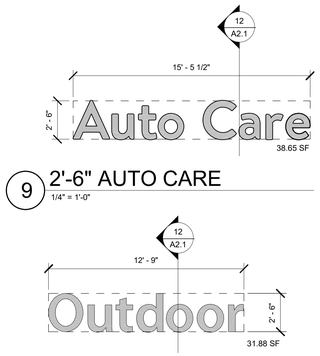
12 SIGN ATTACHMENT AT CMU WALL
1 1/2" = 1'-0"



6 1'- 6" WINE SPIRITS SIGNAGE
1/4" = 1'-0"



5 1'-6" AUTO CARE
1/4" = 1'-0"

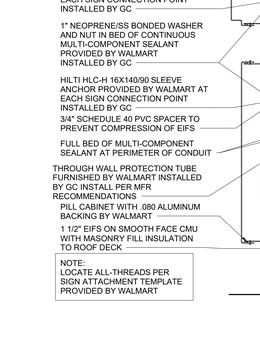


4 2'-6" OUTDOOR
1/4" = 1'-0"

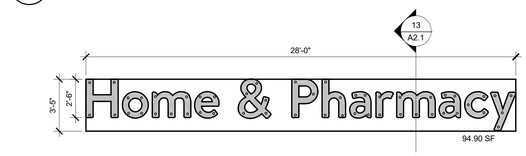
10 2'-6" AUTOMOTIVE
1/4" = 1'-0"

9 2'-6" AUTO CARE
1/4" = 1'-0"

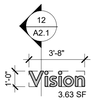
8 2'-6" PICKUP ARROW
1/4" = 1'-0"



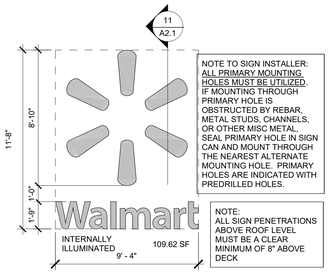
7 2'-6" MARKET
1/4" = 1'-0"



3 2'-6" HOME & PHARMACY
1/4" = 1'-0"



2 1'-0" VISION
1/4" = 1'-0"



1 8'-10" WALMART SIGN
1/4" = 1'-0"

2600 Maitland Center Parkway
Suite 250
Maitland, FL 32751
P (407) 645-1500
F (407) 645-1501
www.cpaarchitects.com
Cabaniss & Peterson
Architects Engineers Planners

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AR100424
REGISTERED ARCHITECT
12/20/21

EXTERIOR DETAILS AND SIGNAGE

SHEET: A2.1

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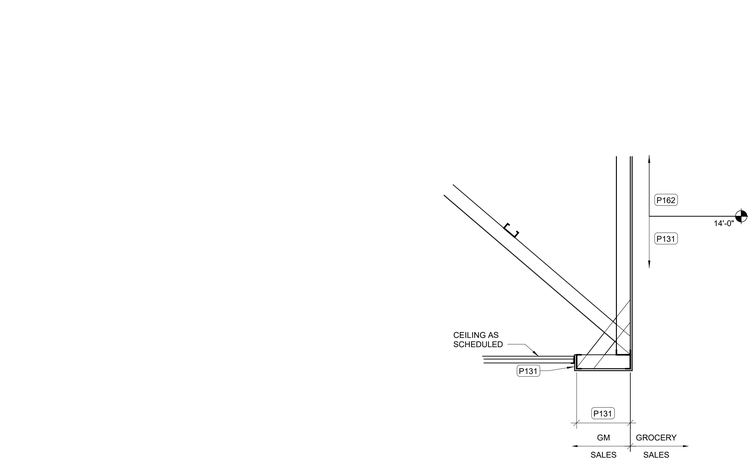
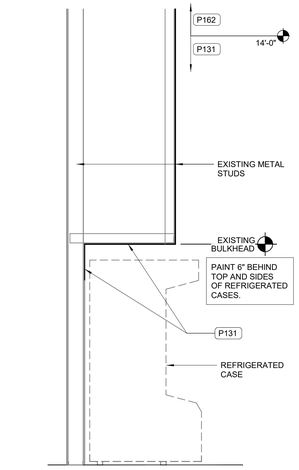
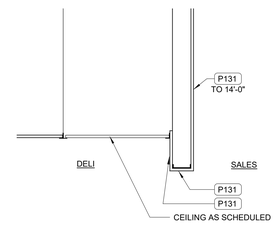


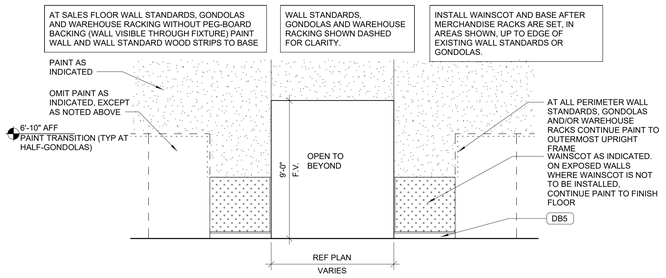
6 EXISTING BULKHEAD DETAIL
3/4" = 1'-0"



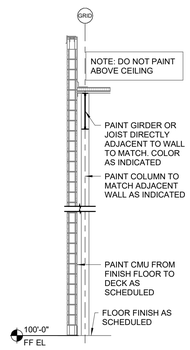
5 BULKHEAD AT CASE
1/2" = 1'-0"



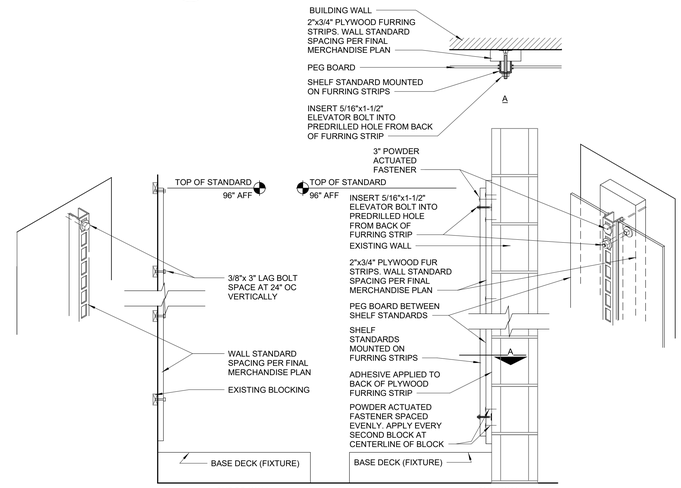
4 SECTION AT DELI BULKHEAD
1" = 1'-0"



3 SALES WALL FINISHES @ PERIMETER HALF-GONDOLAS
1/4" = 1'-0"



2 EXISTING EXT CMU WALL SECTION
1/4" = 1'-0"



1 WALL STANDARD MOUNTING
12" = 1'-0"

Cedarst & Peterson
Architects Engineers Planners
2600 Maitland Center Parkway
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Maitland, FL 32751
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www.cedarstpeterson.com

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SECTIONS AND DETAILS

SHEET: A3

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SHEET NOTES

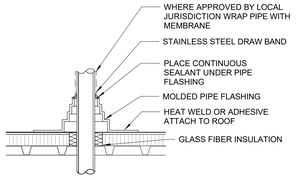
1. INSTALL MOLDED PIPE FLASHING AT ALL NEW PIPE OR CONDUIT PENETRATIONS THROUGH ROOF. REF. MECHANICAL FOR LOCATIONS. REF. 4-A4

ROOF LEGEND

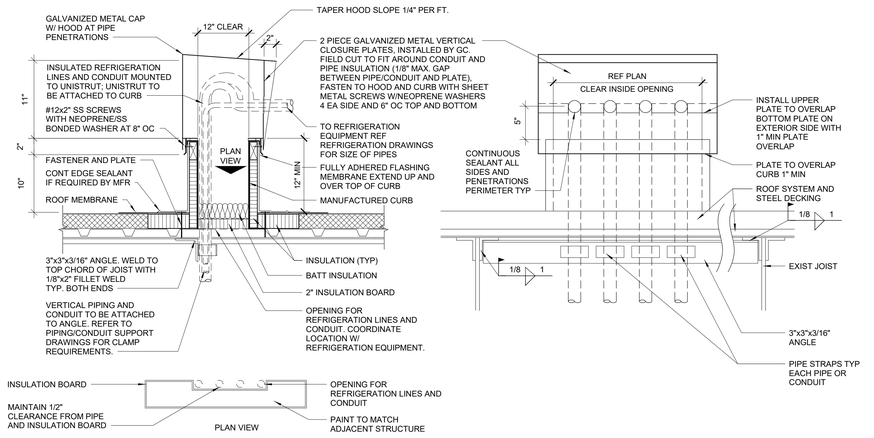
NEW RCU

NEW ROOF PENETRATION

INSTALLATION NOTES:
1. THE ROOF PENETRATION CURB, HOOD AND CLOSURE PLATES ARE FURNISHED BY OWNER AND INSTALLED BY GENERAL CONTRACTOR
2. ALL HOOD PENETRATIONS SHALL BE THROUGH THE VERTICAL CLOSURE PLATES ONLY. PIPING AND CONDUIT SHALL BE INSTALLED BY THE TRADE CONTRACTORS WITH THE PIPE AND CONDUIT CENTERLINES 5" ABOVE THE TOP OF THE ROOF CURB WITH A MINIMUM OF 1" BETWEEN THE PIPE AND CONDUIT EXTERNAL SURFACE
3. THE GENERAL CONTRACTOR SHALL CUT AND INSTALL THE VERTICAL CLOSURE PLATES AFTER ALL PIPING AND CONDUITS ARE INSTALLED AND SEAL ALL PENETRATIONS AS NOTED IN THE DETAIL AND PROVIDE CONTINUOUS SEALANT AT THE PERIMETER JOINT BETWEEN THE CLOSURE PLATES AND HOOD AND CURB AND WHERE THE CLOSURE PLATES OVERLAP. REF SEALANT SPECIFICATION. EXPANDING FOAM SEALANT SHALL NOT BE USED WHERE SEALANT IS EXPOSED TO THE EXTERIOR.
4. EXTEND EXTERIOR REFRIGERANT AND WATER LINE EXTERNAL PVC INSULATION JACKET 1" INSIDE HOOD METAL CLOSURE PLATES.



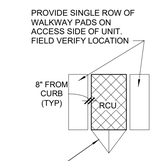
4 ROOF PENETRATION
1" = 1'-0"



5 REFRIGERATION LINE ROOF PENETRATION
NTS

NOTE: FOR ROOF PENETRATIONS LOCATED WHERE WALKWAY PADS ARE INSTALLED, TRIM WALKWAY PADS 4" FROM EDGE OF ROOF PENETRATION FLASHING BEFORE PAD INSTALLATION.

NOTE: DO NOT INSTALL WALK WAY PADS UNTIL ROOF PENETRATION FLASHINGS ARE COMPLETE.

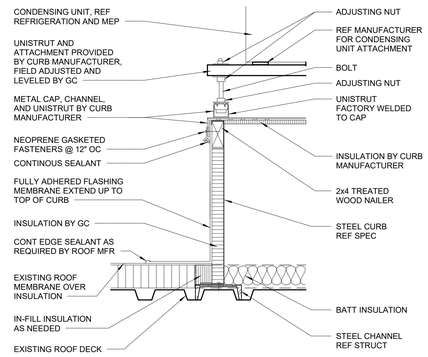


RCU

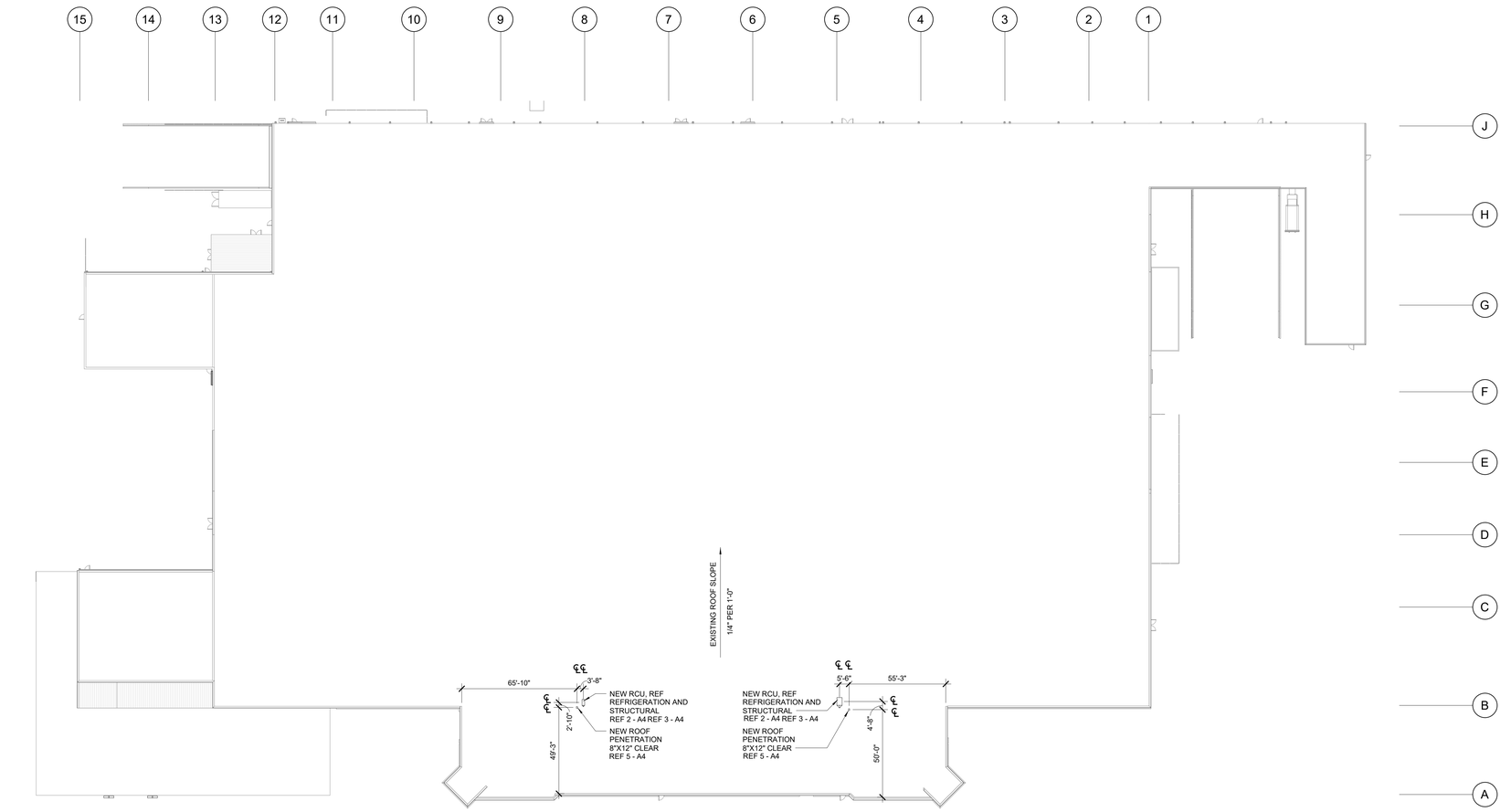
PROVIDE CRICKET AT ALL MECHANICAL EQUIPMENT, SKYLIGHTS, RTU'S, ETC. INSTALL ROOFING INSULATION WITH 1/2" PER FOOT SLOPE TO PROVIDE POSITIVE DRAINAGE AROUND UNITS.

3 PAD LAYOUT (TYP ALL UNITS)
12" = 1'-0"

NOTE TO GC:
PROVIDED CURB IS NOT SLOPED. UNISTRUT ASSEMBLY MUST BE LEVELED IN DIRECTION OF ROOF SLOPE PRIOR TO INSTALLATION OF CONDENSING UNIT.



2 CONDENSER UNIT CURB
1 1/2" = 1'-0"



1 ROOF PLAN
1/32" = 1'-0"

3600 Maitland Center Parkway
Suite 420
Maitland, FL 32751
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AR100424
REGISTERED ARCHITECT
12/20/21

ROOF PLAN AND DETAILS

SHEET: A4

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950 LIQUOR SALES

WALLS
- REF 2-A5

FLOOR
- REF FLOOR FINISH PLAN

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

121 AP RETENTION

WALLS
- ETR.

FLOOR
- REF FLOOR FINISH PLAN.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

402 AUNTIE ANNE, 810 SMART STYLE, 802 REGAL NAILS

WALLS
- ETR.

FLOOR
- REF FLOOR FINISH PLAN

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

105 CUSTOMER SERVICE, 106 RETURNS STORAGE

WALLS
- REF 4-A5 FOR FINISH DETAILS.

FLOOR
- REF FLOOR FINISH PLAN.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

MILLWORK
- EXISTING LAMINATE COUNTERTOP (FRONT AND BACK COUNTER); REPLACE COUNTERTOP WITH NEW SS COUNTERTOP.

110 CORRIDOR-
WALLS
- ETR.

FLOOR
- ETR.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

107 CASH, 108 COUNTING

WALLS
- ETR.

FLOOR
- ETR.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

101 GM VESTIBULE, 103 GM OTHER INCOME, 104 GM CART STORAGE, 115 GR VESTIBULE, 117 GR OTHER INCOME, 118 GR CART STORAGE

WALLS
- GYP BD: PAINT P131 TO 10'-0" AFF AND P209 FROM 10'-0" AFF TO CEILING OR EXPOSED STRUCTURE UNO. INSTALL PS7 WAINSCOT AND DB5 BASE UNO.
- CMU: PAINT P209 WAINSCOT TO 4'-0", P131 FROM 4'-0" TO 10'-0" AFF, AND P209 FROM 10'-0" AFF TO CEILING OR EXPOSED STRUCTURE UNO.
- PAINT COLUMNS TO MATCH ADJACENT WALLS.
- CLEAN TRANSLUCENT PANELS
- CART STORAGE ONLY: ADD 3/4" PLYWOOD TO 4'-0" AFF WITH TOP EDGE EASED TO ALL GYP BD WALLS.
- CART STORAGE WALLS: P209 WAINSCOT TO 4'-0" AFF AND P131 ABOVE.

FLOOR
- REF FLOOR FINISH PLAN

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

REMOVE INTERIOR TENANT SIGNAGE AS INDICATED BELOW:

ALL TENANT SPACES (EXCLUDING FULL SERVICE FOOD TENANTS)
- TENANT SIGNS TO REMAIN ETR GC TO PAINT AROUND EXISTING TENANT SIGNS UNO.
- REMOVE ALL WALLPAPER AND/OR ORNAMENTS ON THE BULKHEAD AND WALL BELOW UNO.
- PATCH, REPAIR AND PAINT BULKHEAD WALL AT REMOVED WALLPAPER AND/OR ORNAMENTATION TO MATCH ADJACENT CONSTRUCTION AND FINISHES.

ALL FOOD SERVICE TENANTS-
- EXISTING LIT SIGNS ON LOWER BULKHEADS AND AWNINGS TO REMAIN, DO NOT REMOVE, PAINT AROUND THE SIGN. TREAT TENANTS(I.E. PRETZEL COMPANIES) THAT ARE OCCUPYING FULL SERVICE FOOD TENANT SPACES MAY CONTINUE TO USE LIT SIGNAGE.

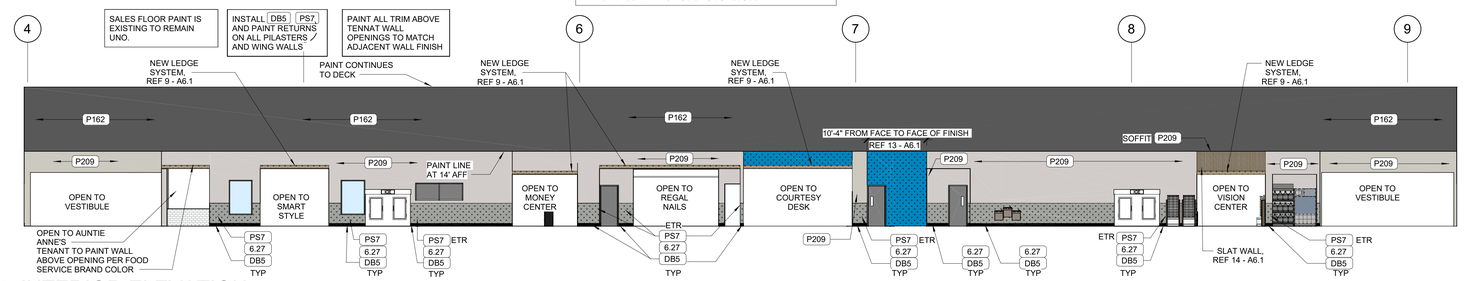
THIRD-PARTY TENANT SIGNS AND ORNAMENTS ARE TO BE RETURNED TO THE TENANT IF A THIRD-PARTY TENANT REQUESTS THEIR SIGN, WALLPAPER OR ORNAMENTATION NOT BE REMOVED, CONTACT THE WALMART CONSTRUCTION MANAGER

SHEET NOTES

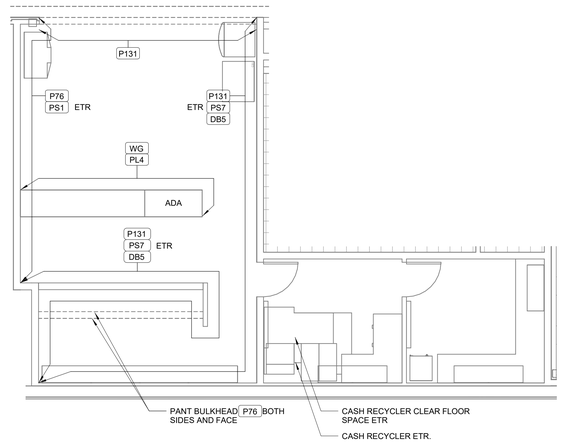
1. REF A8 FOR SCHEDULE FINISH KEY AND GENERAL FINISH NOTES.
2. PAINT STRUCTURE AS INDICATED ON 4-A1 AND PAINT GYP BOARD WALLS TO 6" BEHIND TOP AND SIDES OF REFRIGERATED CASES.
3. NOT USED.

KEYNOTES

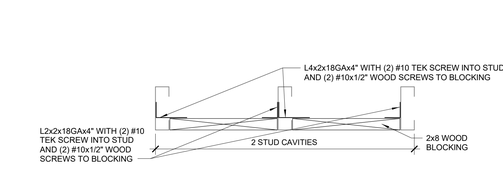
6.27	48" HIGH WAINSCOT WITH OUTSIDE CORNER TRIM



8 INTERIOR ELEVATION
3/32" = 1'-0"



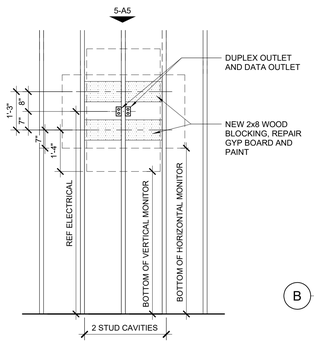
4 COURTESY DESK FLOOR PLAN
3/16" = 1'-0"



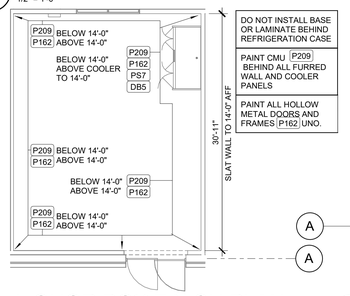
5 TV BRACKET BLOCKING PLAN
1 1/2" = 1'-0"

6 FOOD SERVICE TENANT ELEVATION
3/32" = 1'-0"

7 MONEY CENTER ELEVATION
3/8" = 1'-0"



3 TV BRACKET BLOCKING
1/2" = 1'-0"



2 LIQUOR BOX FINISH PLAN
1/8" = 1'-0"

1 FRONT TENANT WALL FLOOR PLAN
1" = 10'-0"

3600 Maitland Center Parkway
Suite 420
Maitland, FL 32751
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FAX (407) 645-4084
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STATE OF FLORIDA
TONY D MUR
ANTONY D MURPHY
AR100824
REGISTERED ARCHITECT
12/20/21

ENLARGED PLANS, ELEVATIONS, AND DETAILS

SHEET: A5

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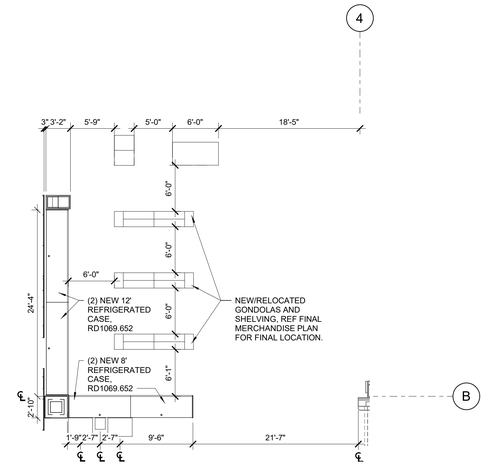
GRID WALL LEGEND						
FIXTURE #:	BLOCK:	BLOCK NAME:	1ST SAP ARTICLE #:	SAP ARTICLE DESCRIPTION:	2ND SAP ARTICLE #:	SAP ARTICLE DESCRIPTION:
1-L	1-L	SCO_1BAG_GRIDSHELF_L_RSR	100625318	D82 SCOWIRE MERCH SGL BAG		
2-L	2-L	SCO_1BAG_GRIDSHELF_L_2LEG_RSR	100625318	D82 SCOWIRE MERCH SGL BAG	100627736	LEG KIT
1-R	1-R	SCO_1BAG_GRIDSHELF_R_RSR	100625318	D82 SCOWIRE MERCH SGL BAG		
2-R	2-R	SCO_1BAG_GRIDSHELF_R_2LEG_RSR	100625318	D82 SCOWIRE MERCH SGL BAG	100627736	LEG KIT
3-L	3-L	SCO_2BAG_GRIDSHELF_L_RSR	100625360	D82 SCOWIRE MERCH DBL BAG		
4-L	4-L	SCO_2BAG_GRIDSHELF_L_2LEG_RSR	100625360	D82 SCOWIRE MERCH DBL BAG	100627736	LEG KIT
3-R	3-R	SCO_2BAG_GRIDSHELF_R_RSR	100625360	D82 SCOWIRE MERCH DBL BAG		
4-R	4-R	SCO_2BAG_GRIDSHELF_R_2LEG_RSR	100625360	D82 SCOWIRE MERCH DBL BAG	100627736	LEG KIT
5	5	SCO_GRID_30	100627735	30IN SPACER		
5-L	5-L	SCO_GRID_30L_LEG	100627735		100627736	LEG KIT
5-R	5-R	SCO_GRID_30R_LEG	100627735		100627736	LEG KIT
6	6	SCO_GRID_51	100631063	51IN SPACER		
6-L	6-L	SCO_GRID_51L_LEG	100631063		100627736	LEG KIT
6-R	6-R	SCO_GRID_51R_LEG	100631063		100627736	LEG KIT
7-L	7-L	SCO_GRIDSHELF_30L_RSR	100627783	30IN BRIDGE SHELF KIT		
7-R	7-R	SCO_GRIDSHELF_30R_RSR	100627783	30IN BRIDGE SHELF KIT		
8	8	SCO_GRIDSHELF_30_2_LEG_RSR				

GRID WALL LEGEND						
FIXTURE #:	BLOCK:	BLOCK NAME:	1ST SAP ARTICLE #:	SAP ARTICLE DESCRIPTION:	2ND SAP ARTICLE #:	SAP ARTICLE DESCRIPTION:
8-L	8-L	SCO_GRIDSHELF_30L_LEG_RSR	100627715	30IN ANCHORED SHELF KIT		
8-R	8-R	SCO_GRIDSHELF_30R_LEG_RSR	100627715	30IN ANCHORED SHELF KIT		
9-L	9-L	SCO_GRIDSHELF_48L_RSR	100627639	48IN SHELF BRIDGE KIT		
10-L	10-L	SCO_GRIDSHELF_48L_LEG_RSR	100627782	48IN ANCHORED SHELF KIT		
9-R	9-R	SCO_GRIDSHELF_48R_RSR	100627639	48IN SHELF BRIDGE KIT		
10-R	10-R	SCO_GRIDSHELF_48R_LEG_RSR	100627782	48IN ANCHORED SHELF KIT		
11	11	SCO_GRID_36	100634549	36IN SPACER		
12-L	12-L	SCO_GRIDSHELF_51L_30x8_RSR	100647056			
12-R	12-R	SCO_GRIDSHELF_51R_30x8_RSR	100647056			
13-L	13-L	SCO_GRIDSHELF_51L_LEG_30x8_RSR	100647056			
13-R	13-R	SCO_GRIDSHELF_51R_LEG_30x8_RSR	100647056			
15-L	15-L	SCO_GRIDSHELF_30L_20x10_RSR	100647055			
15-R	15-R	SCO_GRIDSHELF_30R_20x10_RSR	100647055			
16-L	16-L	SCO_GRIDSHELF_30L_LEG_20x10_RSR	100647055			
16-R	16-R	SCO_GRIDSHELF_30R_LEG_20x10_RSR	100647055			
Corner Kit (Angle Iron for Bullpen Corners)			100627800	Corner Kit		



5 ENLARGED REFRIGERATION PLAN
1/8" = 1'-0"

SHEET NOTES

1. ALL ELECTRICAL WORK INCLUDING DATA AND POWER DISCONNECTION BY GC.
2. REMOVAL AND REINSTALLATION OF POWER POLES BY GC. INSTALLATION OF NEW POWER POLES BY GC.
3. ALL REGISTERS TO BE REMOVED AND REINSTALLED OR INSTALLED NEW BY WALMART.
4. GENERAL CONTRACTOR RESPONSIBLE FOR ALL ELECTRICAL WORK.
5. GENERAL CONTRACTOR RESPONSIBLE FOR ANCHORS AND ALL GONDOLA ANCHORAGE.
6. GENERAL CONTRACTOR TO REPAIR FLOOR AS REQUIRED AT LOCATIONS OF REMOVED REGISTERS AND FIXTURES.
7. GENERAL CONTRACTOR TO REFER TO FIXTURE ANCHORAGE PLAN FOR ANCHORAGE REQUIREMENTS.
8. GENERAL CONTRACTOR TO ACCESS GENERAL CONTRACTOR PERMIT INFORMATION FOLDER ON WORKSPACE FOR GRID WALL INSTALLATION INSTRUCTIONS.
9. GENERAL CONTRACTOR TO INSTALL RAILING PER MANUFACTURERS RECOMMENDATIONS AND INSTRUCTIONS FOR INSTALLATION AND ANCHORING

KEYNOTES

6.27 48" HIGH WAINSCOT WITH OUTSIDE CORNER TRIM

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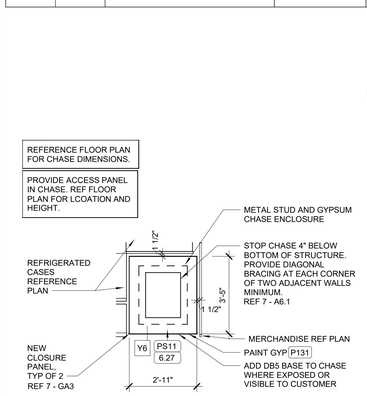
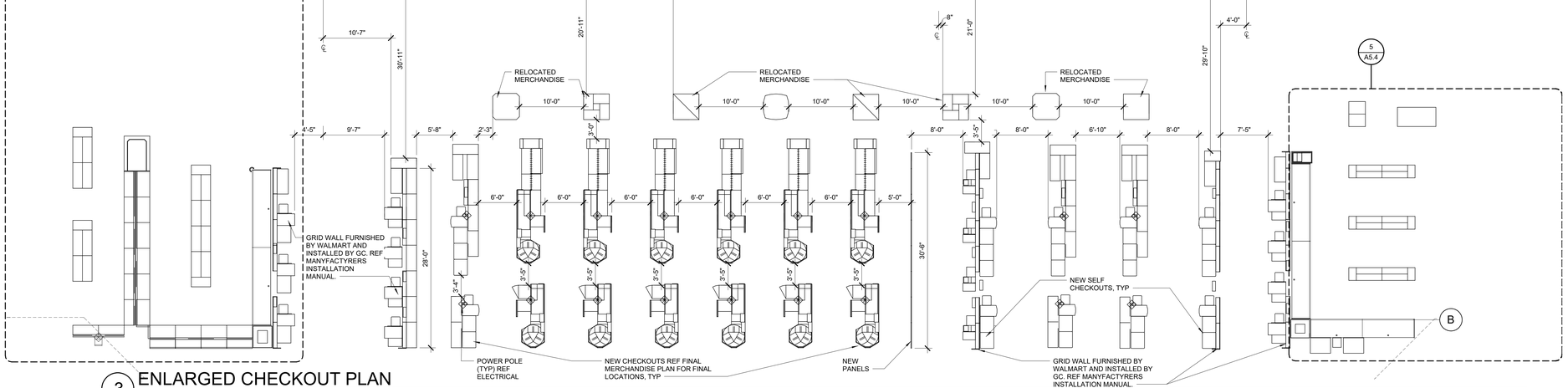
TONY D MUI
REGISTERED ARCHITECT
AR100424
12/20/21

ENLARGED PLANS AND DETAILS

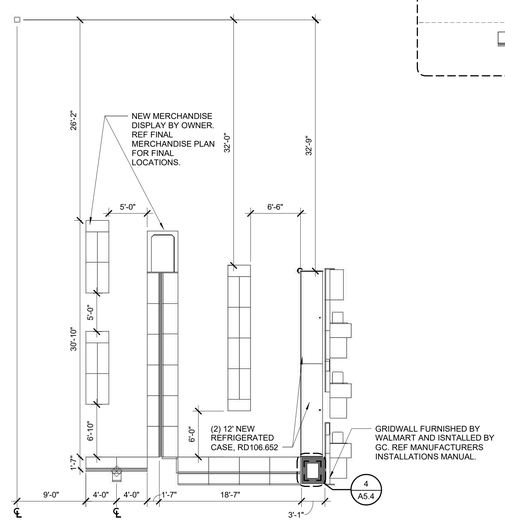
SHEET:
A5.4



4 REFRIGERATION CHASE
3/8" = 1'-0"



3 ENLARGED CHECKOUT PLAN
1/8" = 1'-0"



2 ENLARGED REFRIGERATION PLAN - GM SIDE
1/8" = 1'-0"

1 ENLARGED CHECKOUT DEMO PLAN
1/8" = 1'-0"

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184 MOTHER'S ROOM

WALLS
- PAINT ALL WALLS P204 WITH PS7 WAINSCOT AND DB5 BASE UNO.

FLOOR
- EXISTING EXPOSED CONCRETE FLOOR TO REMAIN.

CEILING
- NEW 5/8" GYP BOARD AT 9'-0" AFF P131. REF 8-A6.1

151 BREAKROOM

WALLS
- REF FINISH PLAN FOR FINISH INFORMATION. REF 7-A6.

FLOOR
- REF FLOOR FINISH PLAN. REF 1-A1.1

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

160 CLAIMS, 171 INVOICING, 174 CBL, 177 MARKET MANAGER'S OFFICE.

WALLS
- ETR.

FLOOR
- ETR.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

150, 157, 162, 176 CORRIDORS AND HALLWAY

WALLS
- ETR UNO.

FLOOR
- ETR

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

SHEET NOTES

1. REFERENCE FINISH LEGEND AND SPECIFICATIONS FOR PAINT AND PROTECTIVE SURFACING.

KEYNOTES

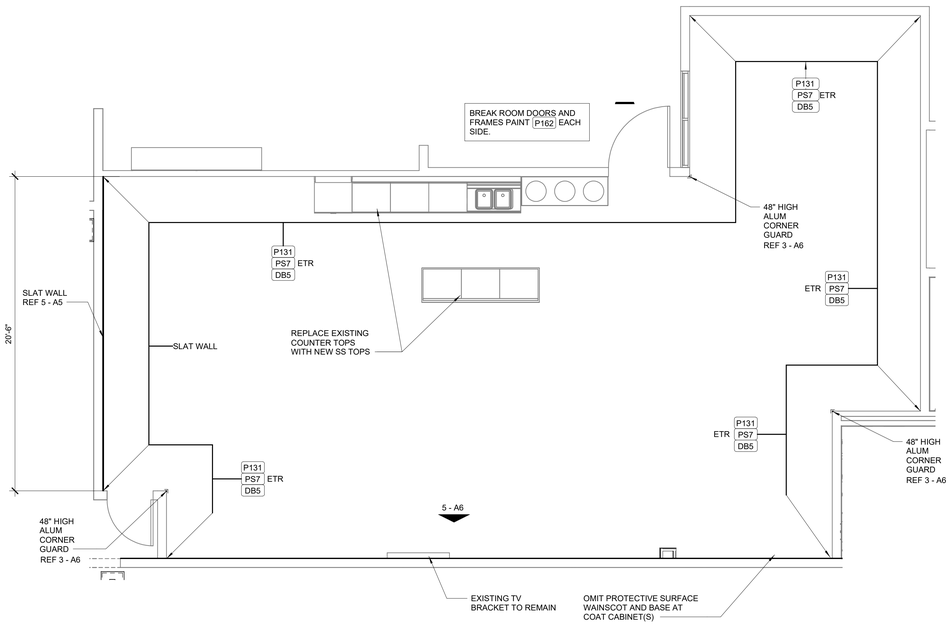
9.90	FLOOR STRIPES. REF N1 FOR STRIPING CONDITIONS.
10.11	MIRROR
10.26	COAT HOOK (INSTALL PLYWOOD BACKING)
10.44	PROVIDE TACTILE "EXIT" SIGN. REF N1.

163 ALCOVE, 128 ALCOVE, 129 ALCOVE

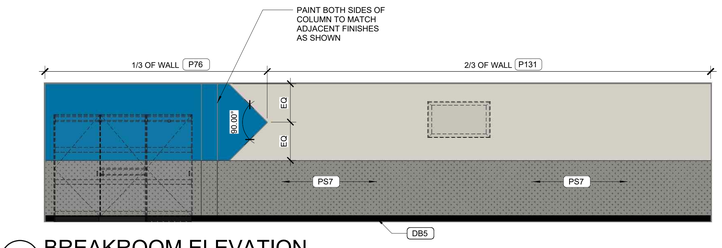
WALLS
- PAINT ALL WALLS P209 WITH PS7 WAINSCOT AND DB5 BASE UNO.
- DEMISING WALL ON SALES FLOOR: PAINT P209 WITH PS7 WAINSCOT AND DB5 BASE. REF 3-A3.

FLOOR
- REF FLOOR FINISH PLAN.

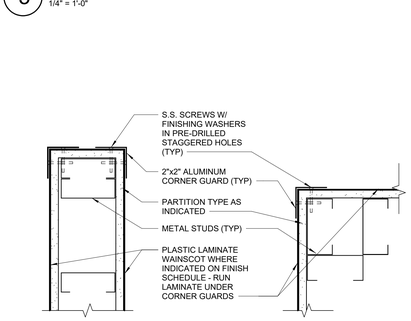
CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.



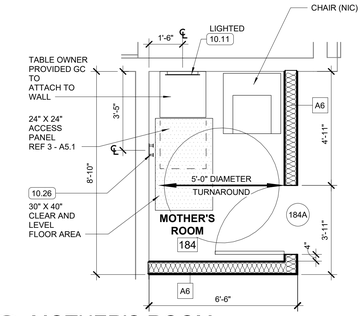
4 BREAKROOM FINISH PLAN
1/4" = 1'-0"



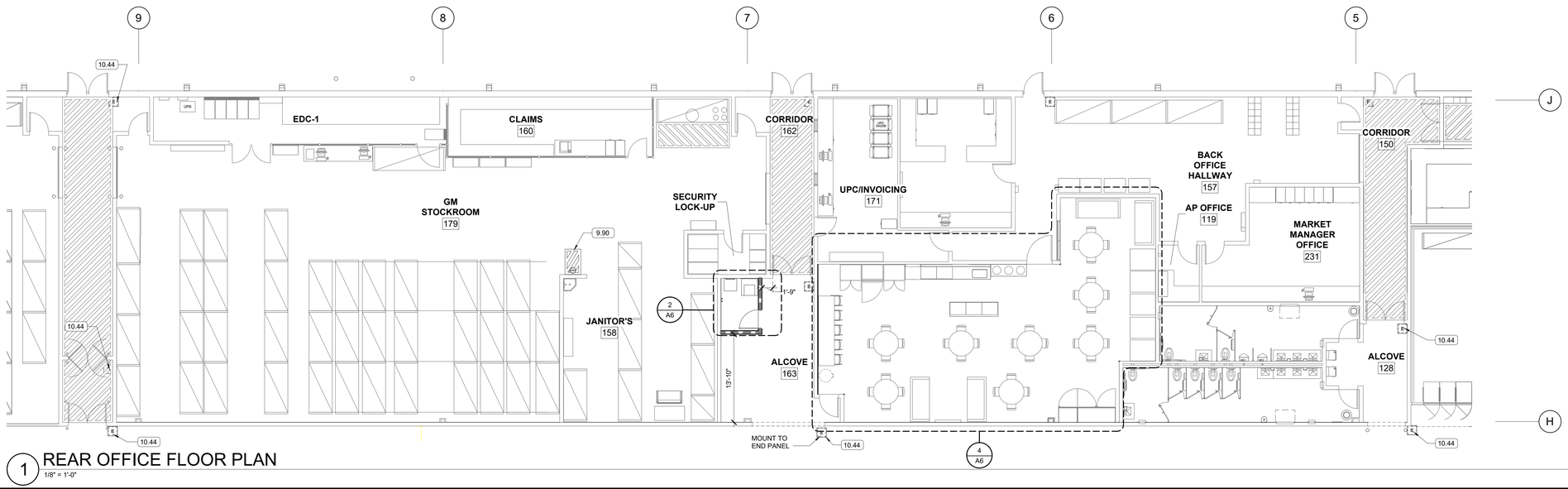
5 BREAKROOM ELEVATION
1/4" = 1'-0"



3 CORNER GUARD
3" = 1'-0"



2 MOTHER'S ROOM
3/8" = 1'-0"



1 REAR OFFICE FLOOR PLAN
1/8" = 1'-0"

3600 Maitland Center Parkway
Suite 420
Maitland, FL 32751
P (407) 645-5500
F (407) 645-8791
AA#26001284
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REAR OFFICE PLAN

SHEET: A6

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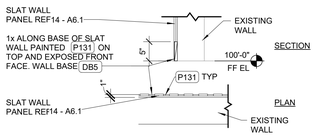
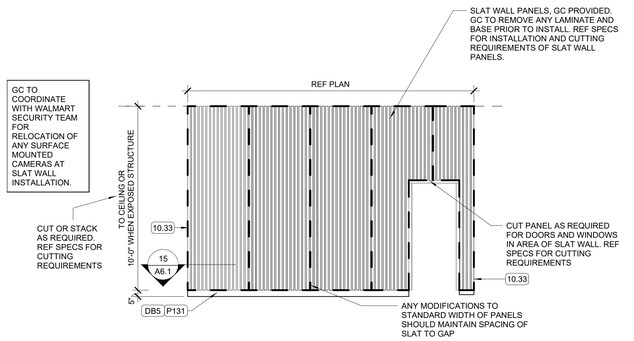
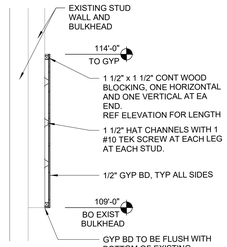


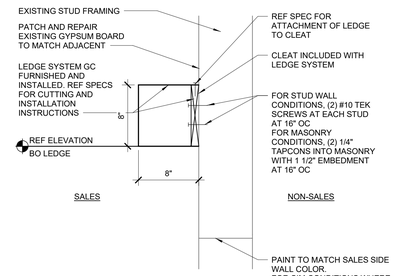
15 SLAT WALL DETAIL
3/4" = 1'-0"



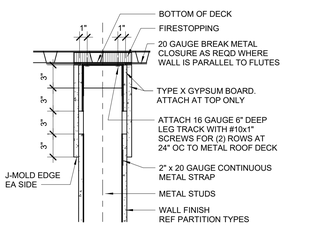
14 SLAT WALL ELEVATION
1/4" = 1'-0"



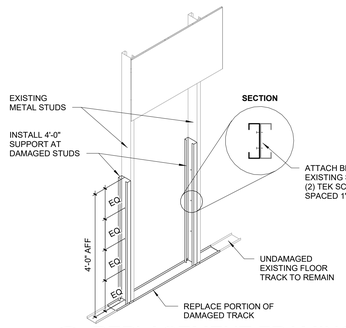
13 SECTION AT FURRING
1/2" = 1'-0"



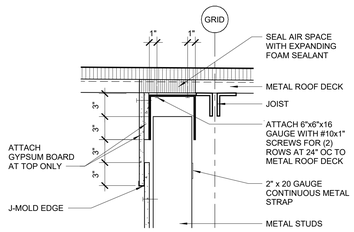
9 LEDGE DETAIL
1 1/2" = 1'-0"



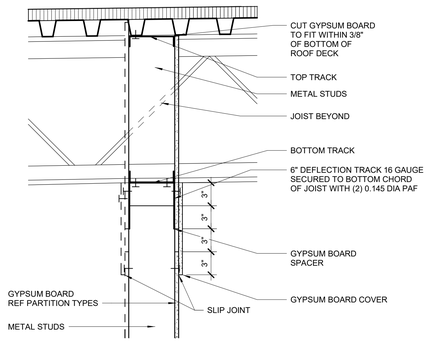
FIRE RATED CAPTURE TRACK
1 1/2" = 1'-0"



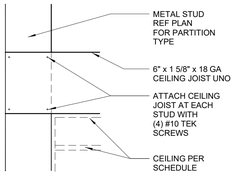
11 REPLACEMENT FRAMING DETAIL
1/2" = 1'-0"



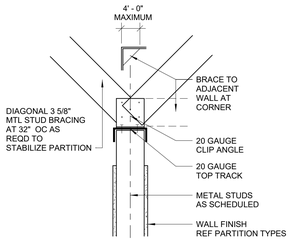
CAPTURE TRACK AT DEMISING WALL
1 1/2" = 1'-0"



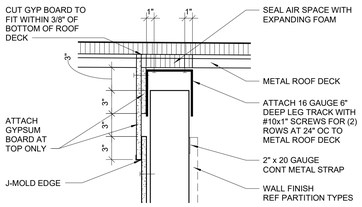
PARTITION ATTACHMENT AT PERPENDICULAR JOIST
1 1/2" = 1'-0" RM SC: A6 RM WMN: ---



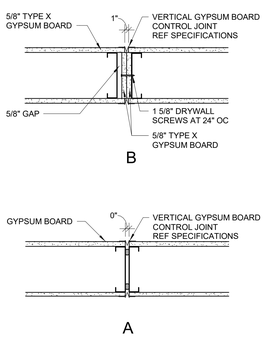
8 CEILING JOIST ATTACHMENT
1 1/2" = 1'-0" RM SC: A6 RM WMN: ---



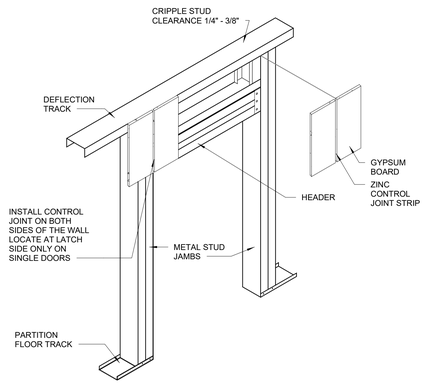
7 PARTITION BRACING
1 1/2" = 1'-0" RM SC: A6 RM WMN: A5.2



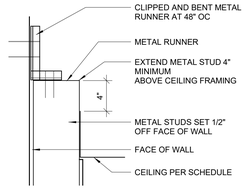
6 NON-RATED CAPTURE TRACK
1 1/2" = 1'-0" RM SC: A6 RM WMN: ---



4 GYPSUM BOARD CONTROL JOINT
1 1/2" = 1'-0" RM SC: A6 RM WMN: ---



3 CONTROL JOINT AT DOOR JAMB
12" = 1'-0" RM SC: A6 RM WMN: ---

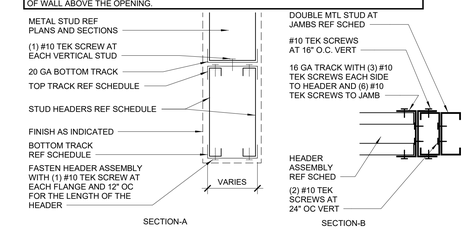


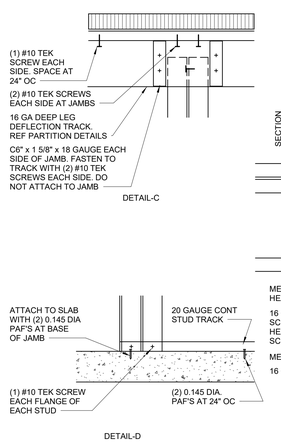
2 FURRING ATTACHMENT TO WALL
1 1/2" = 1'-0" RM SC: A6 RM WMN: A5.2

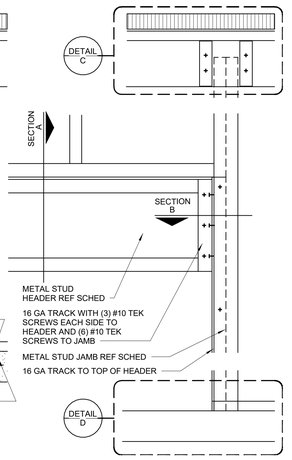
INTERIOR NON-LOAD BEARING PARTITION HEADER SCHEDULE

HEADER LENGTH	HEADER MEMBERS	HEADER TRACKS	JAMB STUDS
UP TO 4'-0"	(2) C3 5/8x1 1/4"x20 GA	(2) C3 5/8x20 GA	(2) C3 5/8x1 1/4"x20 GA
UP TO 10'-0"	(2) C6x1 5/8"x18 GA	(2) C6x18 GA	(2) C6x1 5/8"x18 GA
OVER 10'-0" & UP TO 14'-0"	(2) C8x1 5/8"x18 GA	(2) C6x18 GA	(2) C6x1 5/8"x18 GA
OVER 14'-0" & UP TO 18'-0"	(2) C8x1 5/8"x16 GA	(2) C6x16 GA	(2) C6x1 5/8"x16 GA
OVER 18'-0" & UP TO 20'-0"	(2) C10x1 5/8"x16 GA	(2) C6x16 GA	(2) C6x1 5/8"x16 GA
OVER 20'-0" & UP TO 24'-0"	(2) C12x1 5/8"x16 GA	(2) C6x16 GA	(2) C6x1 5/8"x16 GA

NOTES:
1. MAX WALL HEIGHT ABOVE HEADER ASSEMBLY IS 14'-0".
2. SPLICING OF HEADER AND JAMB MEMBERS IS NOT PERMITTED.
3. MAX SPAN FOR OPENINGS TO RECEIVE INFILL BELOW THE HEADER IS 19'-0".
4. JAMBS NOT TO DECK ARE TO BE BRACED IN ACCORDANCE WITH THE PARTITION BRACING DETAILS. 3 5/8" JAMBS BEYOND 13'-4" ARE TO BE BRACED ABOVE THE OPENING AND SUCH THAT THE MAXIMUM UNBRACED LENGTH IS NOT EXCEEDED.
5. FRAMING MEMBERS ARE NOT SIZED FOR VERTICAL LOAD OTHER THAN THAT OF THE PORTION OF WALL ABOVE THE OPENING.

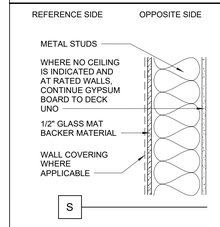






1 HEADER CONNECTION DETAIL
1 1/2" = 1'-0" RM SC: A6 RM WMN: A5.2

PARTITION TYPES



PARTITION NOTES

1. STUDS CONTINUE TO DECK UNO. REF CAPTURE TRACK DETAILS.
2. USE 1/2" GYPSUM BOARD ON NON-RATED PARTITIONS UNO.
3. USE 5/8" TYPE X GYPSUM BOARD ON FIRE RATED PARTITIONS.
4. CONTINUE FINISH MATERIAL TO A MINIMUM OF 4" ABOVE SUSPENDED CEILING SYSTEMS UNO.
5. WHERE NO CEILING IS INDICATED CONTINUE FINISH TO DECK UNO. MAINTAIN CLEARANCE BELOW STRUCTURE PER CAPTURE TRACK DETAILS
6. STUD PARTITIONS REQUIRING A FIRE RATING OF ONE HOUR SHALL COMPLY WITH UL#U419, UL#U465 OR UL#U442. MASONRY PARTITIONS REQUIRING ONE HOUR FIRE RATING SHALL COMPLY WITH UL#U905.
7. MAXIMUM HEIGHT OF NON LOAD BEARING WALL ABOVE HEADER TO BE 14'-9"
8. REF SPECIFICATIONS FOR LATERAL BRACING OF STUD PARTITIONS.
9. PROVIDE ALTERNATING DIAGONAL METAL STUD BRACING ABOVE THE CEILING FOR INTERIOR WALL STUDS THAT DO NOT GO TO DECK. REF 7 - A6.1
10. USE GYPSUM BOARD BEHIND ALL FRP BOARD UNO.
11. WHERE NO CEILING IS SCHEDULED, STOP 1/2" PLYWOOD SUBSTRATE AT 10'-0" AFF.
12. PROVIDE FIRE BLOCKING AT FLOOR AND ROOF LEVELS, CONCEALED SPACES BETWEEN STAIRWAY STRINGERS, PENETRATIONS IN FLOOR/CEILING ASSEMBLIES AND OTHER LOCATIONS AS REQUIRED BY CODE.
13. ROOMS THAT HAVE 5/8" IMPACT RESISTANT GYP BD TO 48" AFF NEED 5/8" GYP BD ABOVE 48" AFF. REF A7 FOR LOCATIONS.
14. ON RESTROOMS WALLS RECEIVING PORCELAIN TILE, UPPER (PAINTED) PORTION IS TO BE WATER RESISTANT GYPSUM BOARD IN LIEU OF GLASS-MAT BACKER MATERIAL.
15. WHEN MODIFYING OR BUILDING ANY NEW FIRE RATED PARTITIONS, ENSURE ALL PENETRATIONS AND JOINTS ARE SEALED IN ACCORDANCE WITH THE SPECIFICATIONS.
16. PROPERLY SEAL ALL EXISTING PENETRATIONS IN EXISTING FIREWALLS TO ACHIEVE X HOUR RATING.
17. WALLS WITH AN UNSUPPORTED LENGTH GREATER THAN THE LIMITS LISTED IN THE SPECIFICATIONS ARE TO BE BRACED ABOVE THE CEILING AND AT NO GREATER THAN THE MAXIMUM UNSUPPORTED LENGTH
18. FOR PARTION WALL FRAMING DAMAGE REFERENCE 11 - A6.1

PARTITION LEGEND

DETAIL: X-XX

PLAN: LETTER INDICATES PARTITION TYPE REF PLANS AND SHEET A6 — 12 / A3 — NUMBER INDICATES STUD HEIGHT; NO NUMBER INDICATES STUD HEIGHT TO BOTTOM OF ROOF DECK TYP

REFERENCE SIDE / OPPOSITE SIDE — NUMBER INDICATES STUD SIZE AS FOLLOWS:

1 - 1 5/8" METAL	6 - 6" METAL
2 - 2 1/2" METAL	8 - 8" CMU
3 - 3 5/8" METAL	12 - 12" CMU

*REF SPECS FOR STUD GAUGE AND SPACING

- 1 HOUR RATED GYPSUM BOARD (NEW) UL#U419, UL#U442, OR UL#U465; 1 HOUR RATED CMU (NEW) UL#U905
- NON-RATED GYPSUM BOARD WALL (NEW)
- ACOUSTICAL INSULATION FULL WALL THICKNESS (NEW)
- CHAIN LINK FENCE (NEW)
- COOLER/FREEZER WALL (NEW)
- (NEW) 48" HIGH PLASTIC LAMINATE OR PROTECTIVE SURFACE WAINSCOT UNO
- EXISTING 1 HOUR RATED GYPSUM BOARD TO REMAIN
- EXISTING PARTITION OR WALL TO REMAIN
- CMU WALL (NEW)
- EXISTING WALL TO BE DEMOLISHED
- EXISTING CHAIN LINK FENCE
- EXISTING 48" HIGH PLYWOOD WAINSCOT WITH 2x8 WOOD BASE
- CHAIR RAIL FURNISHED BY WALMART, INSTALLED BY G.C.
- NON-RATED GYPSUM BOARD WALL (NEW) (GROCERY PREP AREAS) WITH SILL SEALER

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12/20/21

PARTITION TYPES AND WALL DETAILS

SHEET: A6.1

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NEW DOOR AND FRAME SCHEDULE

DETAIL REFERENCES ARE TO SHEET A8 UNO

		DOOR							FRAME			DETAIL					
						NOMINAL SIZE											
MARK	ROOM NAME	NEW/ ETR	TYPE	MATERIAL	QTY	WIDTH	HEIGHT	GLASS	NEW/ ETR	TYPE	MATERIAL	HEAD	JAMB	THRESHOLD	FIRE RATING (MIN)	NOTES	MARK
184A	MOTHER'S ROOM	NEW	F	HM-STL	1	3' - 0"	7' - 0"	---	NEW	1	HM-STL	[4]	[3]	[---]	---	[---]	184A
800A	MONEY CENTER	NEW	Y	PLASTIC	1	3' - 0"	3' - 2"	---	---	---	---	[---]	[---]	[---]	---	[---]	800A
906A	BAKERY UTILITY	NEW	E	PLASTIC	1	3' - 0"	7' - 0"	ACRYLIC	ETR	---	STL-BP	[21]	[20]	[---]	---	[---]	906A

MATERIAL KEY

MARK	DESCRIPTION
A	CONCRETE
B	GLASS AND ALUMINUM FRAME
C	SMOOTH FACE CMU
D	SPLIT FACE CMU
E	CHAIN LINK
ETR	EXISTING TO REMAIN
F	EXPOSED STRUCTURE
G	GYPSUM BOARD
H	METAL SOFFIT
J	SHADE CLOTH
L	PLYWOOD
M	ORNAMENTAL FENCE
N	COOLER/FREEZER PANEL
P	TRANSLUCENT WALL PANEL
Q	FIBERGLASS ROOF PANELS

MATERIAL KEY

MARK	DESCRIPTION
ACRYL	ACRYLIC
AL	ALUMINUM LINK
ALUM	ALUMINUM
CL	CHAIN LINK
HM-STL	HOLLOW METAL-STEEL
OM	ORNAMENTAL METAL
PLAST	PLASTIC
STL	STEEL
STL-P	STEEL PIPE
STL-BP	STEEL BENT PLATE
TEMP	TEMPERED

DOOR SCHEDULE NOTES

1. BUTTS OR HINGES. REF SPEC.
2. ALARM OR EXIT DEVICE. REF SPEC.
3. LATCH OR LOCK SET. REF SPEC.
4. PUSH AND/OR PULL. REF SPEC.
5. INSTALL AUTOMATIC CLOSER. REF SPEC.
6. REMOVE DOOR CLOSER. PATCH AS NEEDED.
7. ARMOR PLATE AND/OR KICKPLATE.
8. STOP, HOLDER, OR ELECTROMAGNETIC DOOR HOLDER. REF SPEC.
9. THRESHOLD. REF SPEC.
10. INSTALL CONTINUOUS GEARED HINGE. REF SPEC.
11. DOOR COORDINATOR. REF SPEC
12. ELECTROMAGNETIC LOCK. REF SPEC.
13. LOCK GUARD. REF SPEC.
14. ONE-WAY VIEWER. REF SPEC.
15. INSTALL 5"X20" WINDOW IN DOOR.
16. INSTALL FLEXIBLE STRIP CURTAIN
17. INSTALL SECTIONAL DOOR TRACK RETURN AT MAXIMUM HEIGHT AND AS CLOSE TO ROOF STRUCTURE AS ALLOWABLE BY MANUFACTURER.
18. FULLY GASKETED FOR NEUTRALIZATION.
19. PROVIDE 1" CLEARANCE BETWEEN EDGE OF STRIKE SIDE OF DOOR AND ADJACENT CASEWORK.
20. COORDINATE INSTALLATION OF SIGNAGE WITH DOOR MANUFACTURER. 1" HIGH LETTERS IN CONTRASTING COLORS TO BACKGROUND. TEXT TO READ "THIS DOOR TO REMAIN UNLOCKED WHEN BUILDING IS OCCUPIED"
21. REMOVE EXISTING DOOR AND HARDWARE. EXISTING FRAME TO REMAIN. INSTALL HINGE FILLER PLATE AND STRIKE FILLER PLATE IN HOLLOW METAL FRAME.
22. FLEXIBLE TRAFFIC DOOR COLOR TO BE BLACK. PAINT DOOR FRAME P36. DO NOT PAINT STAINLESS STEEL FRAMES.
23. INSTALL HINGE FILLER PLATE PRIOR TO INSTALLATION OF CONTINUOUS HINGE.
24. PROVIDE VENDOR WITH FIELD VERIFIED DIMENSION OF CLEAR WIDTH AFTER REFRIGERATED CASES HAVE BEEN INSTALLED. DOOR COLOR TO BE BLACK.
25. SHELF ON DOOR TO BE STRIPPED, CLEANED, AND REFINISHED.
26. SIGNAGE: PROVIDE 1" HIGH LETTERS IN CONTRASTING COLORS TO BACKGROUND, TEXT TO READ "IN EMERGENCY PUSH TO OPEN"
27. NOT USED
28. NOT USED
29. NOT USED
30. NOT USED
31. NOT USED
32. NOT USED
33. NOT USED
34. CONTAINER AND DOOR MANUFACTURERS TO COORDINATE INSTALLATION OF DOORS.
35. DOOR TO BE FACTORY FINISHED BLACK COLOR - DO NOT PAINT
36. 32" MIN. CLEAR WORTH OF PASSAGEWAY AFTER INSTALLATION.
37. METAL DOOR FRAMES VISIBLE TO CUSTOMER NOT IN EXTERIOR WALLS TO RECEIVE EPOXY PAINT.
38. PREFINISHED DOOR AND HARDWARE FURNISHED AND INSTALLED BY VENDOR.
39. DOOR AND HARDWARE FURNISHED, INSTALLED, AND PAINTED BY G.C.
40. AUTOMATIC OPENER INSTALLED BY VENDOR, REF SPEC.
41. CARDREADER AND STAND ALONE ALARM INSTALLED BY VENDOR, REF SPEC. (1)
42. INSTALL STOREROOM LOCK, REF SPEC.
43. DOOR BY IPB MANUFACTURER.
44. IPB AND DOOR MANUFACTURERS TO COORDINATE INSTALLATION OF DOORS.
45. NOMINAL SIZE FOR HEIGHTS AND WIDTHS ARE DETERMINED BY THE PACKAGE HEIGHT AND WIDTH FROM DOOR VENDOR.

GENERAL DOOR NOTES

1. ALL DOORS SCHEDULED AS NEW ARE TO RECEIVE COMPLETE NEW HARDWARE SETS AS LISTED IN SPECIFICATIONS.
2. REFERENCE ELEVATIONS ON A2 FOR EXTERIOR DOOR COLORS
3. SCHEDULED WIDTH AND HEIGHT INDICATE FINISHED OPENING SIZE AT ALL OVERHEAD AND COILING DOOR LOCATIONS
4. SCHEDULED WIDTH AND HEIGHT INDICATE ROUGH OPENING SIZE AT ALL AUTOMATIC SLIDING DOOR LOCATIONS.
5. INSTALL DRIP CAP AT ALL NEW EXTERIOR DOORS.

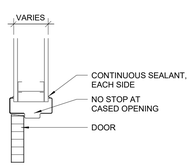
FINISH KEY

REF SPECIFICATIONS FOR EXACT COLORS REQUIRED

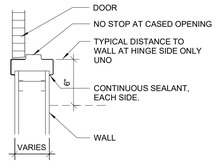
MARK	FINISH	COLOR	DESC.
ACT1	ACOUSTICAL CEILING TILE	WHITE	24"x48"
ACT2	ACOUSTICAL CEILING TILE	WHITE	24"x48" VINYL FACED NON-PERFORATED
ACT3	ACOUSTICAL CEILING TILE	WHITE	24"x48"
ACT4	ACOUSTICAL CEILING TILE	WHITE	24"x48"
ACTG	ACOUSTICAL CEILING GRID	WHITE	
B6	PLASTIC BASE	BLACK	6"x1/4"
B9	PLASTIC BASE	BLACK	4"x1/4"
B10	PLASTIC BASE OUTSIDE CORNER	BLACK	
C1	CUSHION BACK TILE CARPET		
C3	CUSHION BACK TILE CARPET	WALNUT	
CC	CONCRETE CURB		
CT2	ENTRY TILE	RED	12" x 24" x 3/8"
CT43	PORCELAIN WALL TILE	BEIGE	12" x 12" x 3/8"
CT44	PORCELAIN FLOOR TILE	GRAY	12" x 12" x 3/8"
CT45	WALL TILE	WHITE	4" x 8" x 3/8"
CT47	WALL TILE	BLUE	4" x 8" x 3/8"
CT48	FLOOR TILE	TAUPE GRADIENT	12" x 24" x 3/8"
CT48A	COVE BASE	TAUPE GRADIENT	6" x 12" x 3/8"
DB5	DURA-TUFF BASE	BLACK	5"
DB10	DURA-TUFF BASE	BLACK	10"
ETR	EXISTING TO REMAIN		
FRP1	FIBERGLASS REINFORCED PLASTIC	WHITE	FRP WALL PANEL
FRP2	FIBERGLASS REINFORCED PLASTIC	BEIGE	FRP WALL PANEL
FRP5	FIBERGLASS REINFORCED PLASTIC	ALMOND	FRP WALL PANEL
FT1	FAUX SUBWAY TILE	WHITE	
G1	GROUT	DARK GRAY	
G2	GROUT	DARK GRAY	
G3	GROUT	LIGHT TAN	
G4	GROUT	GRAY	
G7	GROUT	BROWN	
G15	GROUT	BLACK	
G16	GROUT	GRAY	
HRC1	HEAT RESISTANT COATING	TO MATCH COPPER BROWN BY BERRIDGE	
HRC4	HEAT RESISTANT COATING	MATCH DARK GRAY	
ICC	INTEGRAL COLORED CONCRETE	BROWN	
P3	PAINT	"LOYAL BLUE" #6510	
P5	PAINT	"SAFETY YELLOW" OSHA STANDARD	
P5E	PAINT	SAFETY YELLOW	
P8	PAINT	"PURE WHITE" # 7005	
P14	PAINT	"GOLDENROD" # 6677	
P16	PAINT	"SOFTWARE" #7074	
P21E	PAINT	SAFETY RED	
P33E	PAINT	CREAM	
P36	PAINT	"DOMINO" #6989	
P36E	PAINT	BLACK	
P40	PAINT	"GARDENIA" #6665	
P49E	PAINT	DARK GRAY	
P76	PAINT	"WALMART BLUE" #076	
P76U	PAINT	WALMART BLUE (URETHANE-LIKE)	
P81E	PAINT	BLACK	
P93	PAINT	"TAMARIND" #7538	
P100	PAINT	"NOTABLE HUE" #6521	
P102	PAINT	"BEACH HOUSE" #7518	
P107	PAINT	"STRAW HARVEST" #7698	
P112	PAINT	"BUTTERFIELD" #6676	
P126	PAINT	"KNOCKOUT ORANGE" #6885	
P126U	PAINT	PICKUP ORANGE (URETHANE-LIKE)	
P131	PAINT	"WHITE FLOUR" #7102	
P134E	PAINT	LIGHT GRAY	
P135E	PAINT	MEDIUM GRAY	
P140E	PAINT	WHITE	
P159	PAINT	"CASA BLANCA" #7571	
P162	PAINT	"PEPPERCORN" #7674	
P162E	PAINT	BLACK GRAY	
P163	PAINT	"TURQUISH" #6939	
P164	PAINT	"ESSENTIAL GRAY" #6002	
P204	PAINT	"FESTOON AQUA" #0019	
P205	PAINT	"DARK BLUE"	
P206	PAINT	"IBIS WHITE" #7000	
P207	PAINT	"CONTEMPORARY GRAY" #1465	
P208	PAINT	"CANDID BLUE" SW #6953	
P209	PAINT	"PASSIVE GRAY" #7064	
PF4	LEAD-COTE	METALLIC	
PL3	PLASTIC LAMINATE	"ORGANIC COTTON" WILSONART 4945-38	
PL4	PLASTIC LAMINATE	MAPLE	
PL6	PLASTIC LAMINATE	LIGHT TAN	
PL11	PLASTIC LAMINATE	NORTH SEA GRAY	
PL15	PLASTIC LAMINATE	BROWN	
PL20	PLASTIC LAMINATE	TAN	
PL28	PLASTIC LAMINATE	ALOE	
PL30	PLASTIC LAMINATE	"STEEL MESH" WILSONART 4879	
PL31	PLASTIC LAMINATE	"GREY" WILSONART 1500-60	
PS1	PROTECTIVE SURFACE	WALMART MED BLUE IMPACT SPECIALTIES	
PS4	PROTECTIVE SURFACE	"GLOWING EMBER" IMPACT SPECIALTIES	
PS5	PROTECTIVE SURFACE	"FRESH LINEN" IMPACT SPEICALTIES	
PS6	PROTECTIVE SURFACE	YELLOW	
PS7	PROTECTIVE SURFACE	"GRAY PATTERN"	
PS8	PROTECTIVE SURFACE	"MAPLE"	
PS9	PROTECTIVE SURFACE	"WHITE GLOSS"	
PS10	PROTECTIVE SURFACE	"BLACK"	
PS11	PROTECTIVE SURFACE	"MATTE LUXE CHARCOAL"	
PVC1	PVC PLANK FLOORING	WOODGRAIN	
QT3	QUARRY TILE	GRAY	6"x6" ABRASIVE
QT31	QUARRY TILE	RED	6"x6" ABRASIVE
RRF3	RECYCLED RUBBER FLOORING	BLACK/BLUE	
SCB1	SANITARY COVE BASE	RED	8" H ANTIMICROBIAL PLASTIC FOR QT
SCB2	SANITARY COVE BASE	GRAY	8" H ANTIMICROBIAL PLASTIC FOR QT
SCB4	SANITARY COVE BASE	RED	8" H ANTIMICROBIAL PLASTIC
SCB5	SANITARY COVE BASE	GRAY	8" H ANTIMICROBIAL PLASTIC
SS	STAINLESS STEEL		
SST1	SOLID SURFACE		
TC	TEXTURED CONCRETE		
VCT9	VINYL COMPOSITION TILE	WHITE	12"x12"x1/8"
VCT11	VINYL COMPOSITION TILE	BEIGHE	12"x12"x1/8"
VCT12	VINYL COMPOSITION TILE	TAN	12"x12"x1/8"
WB	2x8 WOOD BASE		
WB10	2x10 WOOD BASE		
WG	PLASTIC WALL GUARD	BLACK OR GRAY	

GENERAL FINISH NOTES

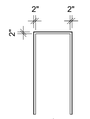
1. PAINT ALL METAL DOOR FRAMES VISIBLE TO CUSTOMER (EXCEPT DOORS IN CMU WALLS) WITH EPOXY PAINT. PREP SURFACE TO BE PAINTED PER SPECIFICATIONS
2. PAINT ALL HM DOORS AND FRAMES LOCATED IN NEWLY PAINTED WALLS AS INDICATED:
   - DOORS AND FRAMES SHALL BE PAINTED P162 UNO
   - PAINT NEW DOORS P162 IF ADJACENT WALLS ARE UNFINISHED UNO
3. AT ROOMS SCHEDULED TO RECEIVE NEW PAINT: OMIT PAINT AT WALLS CONCEALED BY HALF-GONDOLAS, WALL STANDARDS OR WAREHOUSE RACKING WITH PEG-BOARD BACKING. AT WALL STANDARDS, GONDOLAS AND WAREHOUSE RACKING WITHOUT PEG-BOARD BACKING, PAINT WALL TO BASE.
4. AT EXPOSED PAINTED STRUCTURE OR DECK, PAINT NEW CONDUIT, DUCTWORK AND FIRE SPRINKLER PIPING (FIRE SPRINKLER HEADS TO REMAIN UNPAINTED) TO MATCH ADJACENT STRUCTURE OR DECK.
5. FOR PROTECTIVE WALL SURFACING WAINSCOT, INSTALL OUTSIDE CORNER TRIM, REFERENCE SPECIFICATIONS.
6. WHERE NEW PROTECTIVE SURFACING WAINSCOT IS TO BE INSTALLED, REMOVE EXISTING LAMINATE AND/OR FINISHES TO BASE SUBSTRATE PRIOR TO INSTALLATION OF NEW. INSTALLATION OF NEW PROTECTIVE SURFACING OVER EXISTING IS NOT ACCEPTABLE. NO EXCEPTIONS.



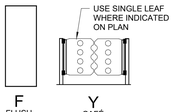
4 HEAD
1 1/2" = 1'-0"



3 JAMB
1 1/2" = 1'-0"



2 FRAME TYPES
3/16" = 1'-0"



1 DOOR TYPES
3/16" = 1'-0"

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1	PR#1	TBD

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STATE OF FLORIDA
ANTHONY D MURPHY
LICENSE NUMBER AR100824
REGISTERED ARCHITECT
12/20/21

DOOR AND ROOM FINISH SCHEDULE

SHEET: A8

12/20/2021 4:14:32 PM
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604 CUSTOMER SERVICE, 606 WAITING AREA

WALLS
- GYP BD: PAINT WALLS P209 TO CEILING . USE PS7 WAINSCOT AND DB5 BASE.
- CMU: PAINT P209 TO CEILING.
- PAINT ALL HOLLOW METAL DOORS AND FRAMES P162.

FLOOR
- ETR

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

MILLWORK
- EXISTING SOLID SURFACE COUNTERTOP: REPLACE COUNTERTOP WITH NEW SS COUNTERTOP.

607 OFFICE

WALLS
- ETR.

FLOOR
- ETR.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

MILLWORK
- ETR.

600 LUBE & TIRE MOUNTING AREA

WALLS
- PAINT LUBE AND TIRE MOUNTING AREA P16 TO 8'-0" AFF, PAINT P8 FROM 8'-0" AFF TO DECK. PAINT BOTH SIDES AND TOP HALF-HEIGHT WALL P16.
- PAINT HOLLOW METAL DOORS AND FRAMES P162.
- CLEAN AND PAINT RAILINGS FOR STAIRS AND PIT OPENINGS P5.

FLOOR
- ETR.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

601 TOILET

WALLS
- GYP BD: PAINT P131.
- PAINT HOLLOW METAL DOORS AND FRAMES P162.

FLOOR
- ICC: ETR, CLEAN FLOORING.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

602 MECHANICAL, 603 SECURITY, 605 STORAGE, 608 SUPPLY, 615 TIRE STORAGE

WALLS
- IF EXISTING WALLS ARE PAINTED, REPAINT WALLS P8.
- PAINT HOLLOW METAL DOORS AND FRAMES P162.

FLOOR
- ETR.

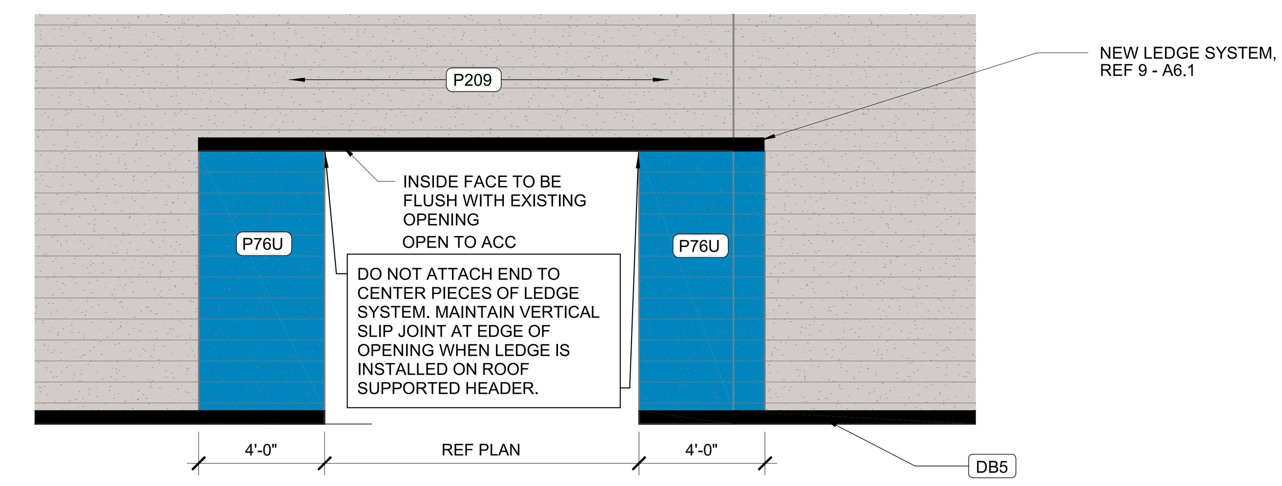
609 LUBE PIT

WALLS
- ETR.

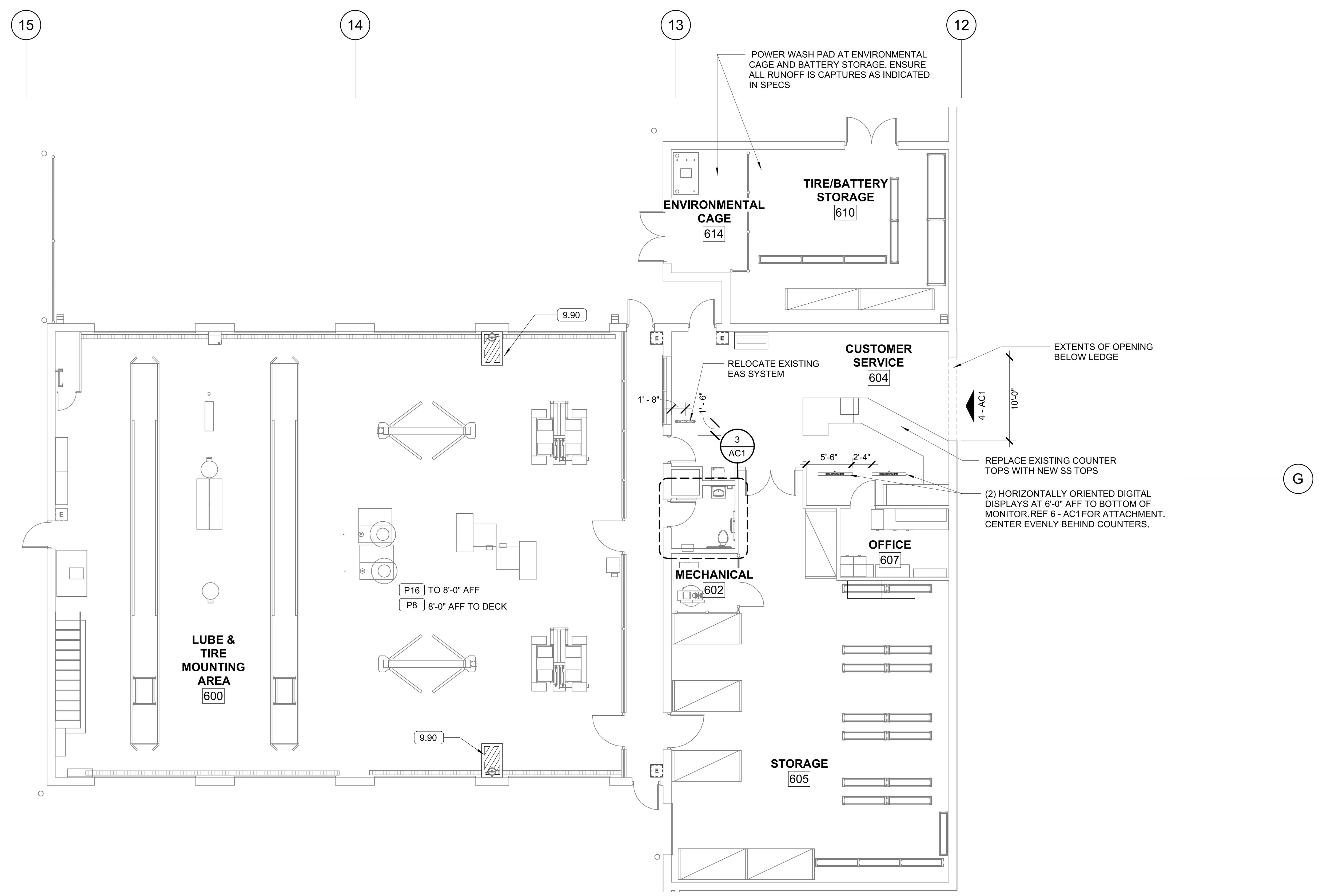
FLOOR
- ETR.

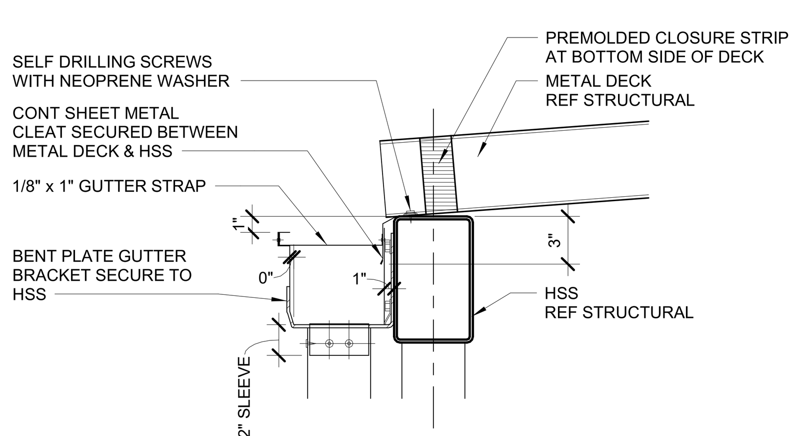
KEYNOTES

9.90	FLOOR STRIPES. REF N1 FOR STRIPING CONDITIONS.

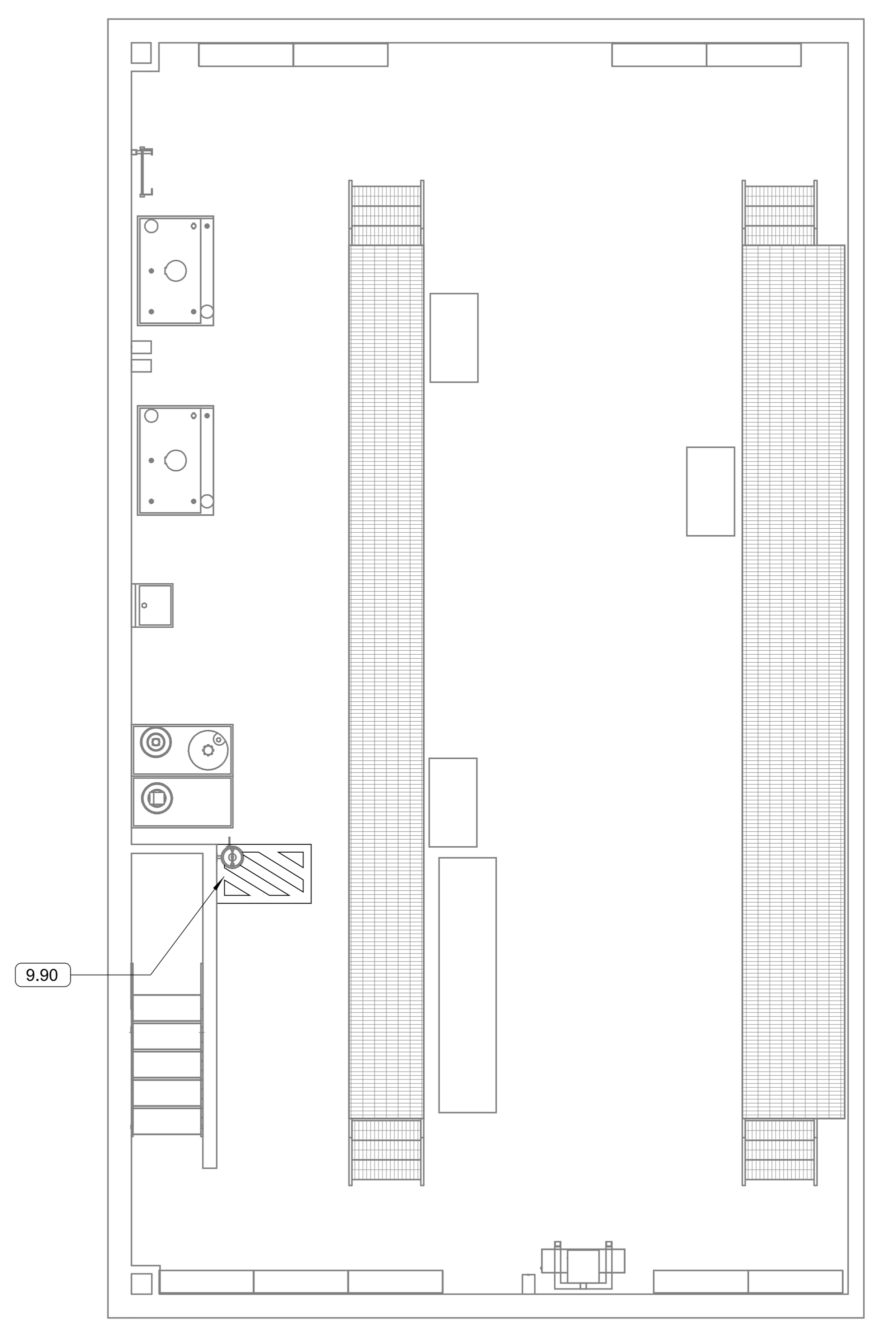


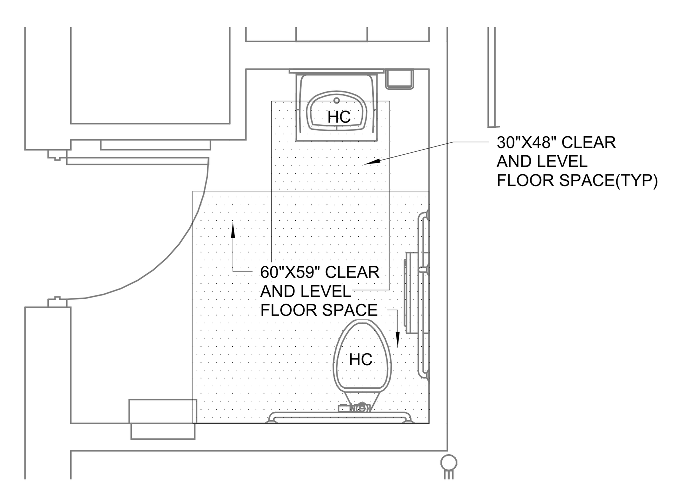
4 AUTO CENTER ENTRY ELEVATION
1/4" = 1'-0"





6 GUTTER AND BRACKET
1 1/2" = 1'-0"





3 ACC TOILET
3/8" = 1'-0"

5 LUBE PIT PLAN
3/16" = 1'-0"

1 ENLARGED AUTO CENTER PLAN
1/8" = 1'-0"

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ANTHONY D MURPHY
AR100424
REGISTERED ARCHITECT
Anthony D Murphy
12/20/21

AUTOCENTER PLAN AND DETAILS

SHEET: AC1

126 SEASONAL SHOP

WALLS
- CMU: PAINT P131 TO CEILING IF EXISTING OR FULL HEIGHT WHERE OPEN TO STRUCTURE.

FLOOR
- EC: ETR

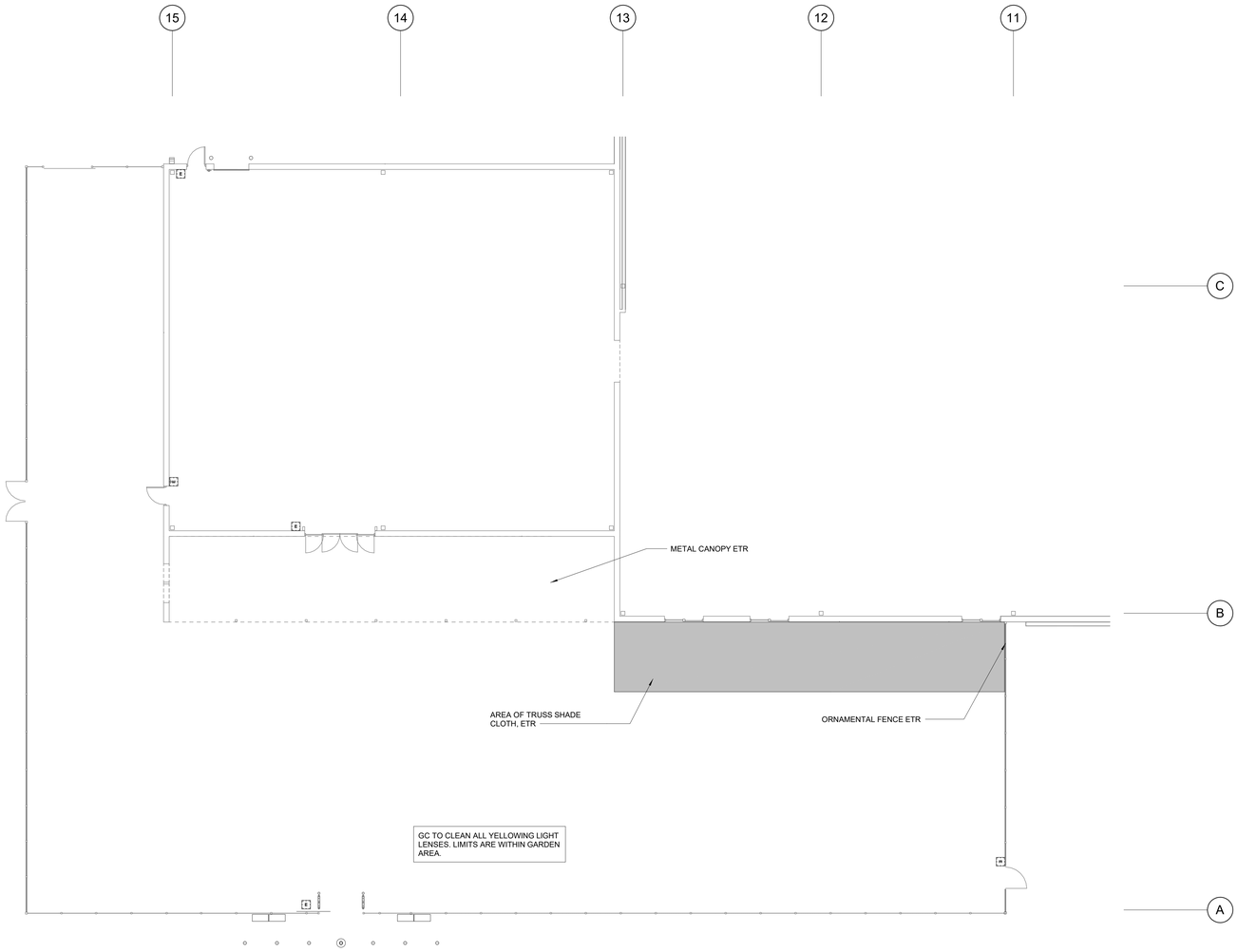
CEILING
- OPEN TO STRUCTURE: CLEAN AND PAINT EXPOSED HVAC DUCT WORK AND PLENUMS TO MATCH PAINTED STRUCTURE UNLESS GALVANIZED OR UNPAINTED. CLEAN JOISTS, JOIST GIRDERS, DECKING, CONDUIT, SPRINKLER PIPES, AIR GRILLES/DIFFUSERS AND SECURITY GLOBES.

500 GARDEN CENTER

FENCING
- PAINT EXISTING ORNAMENTAL FENCING AND GATES P81E.
- REPLACE ALL WINDSCREENS REF SPECS.

FLOOR/SLAB
- EXISTING FLOORS TO REMAIN. REPAIR DAMAGED SLAB AS REQUIRED.
- GC TO PROVIDE NON-SHRINK GROUT IN ALL RECESSED COLUMN SUPPORT.

CEILING
- METAL CANOPY: POWERWASH. REPLACE ALL DAMAGED OR MISSING PRE-MOLDED CLOSURE STRIPS AROUND LIGHT FIXTURES.



1 GAREN CENTER PLAN
1" = 10'-0"

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GARDEN CENTER PLAN AND DETAILS

SHEET: GC1

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800 MONEY CENTER

WALLS
- REFER TO 2, 3, 4 AND 5-MC1 FOR FINISH DETAILS.
- GC TO REPLACE ALL PAINTED WAINSCOT.
- PATCH / REPAIR DAMAGED WALLS.

FLOOR
- REF FLOOR FINISH PLAN.

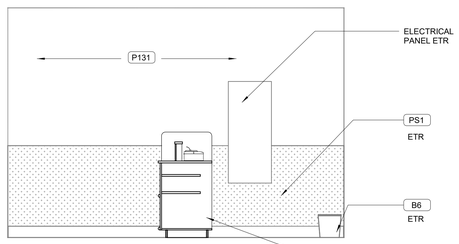
CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

SHEET NOTES

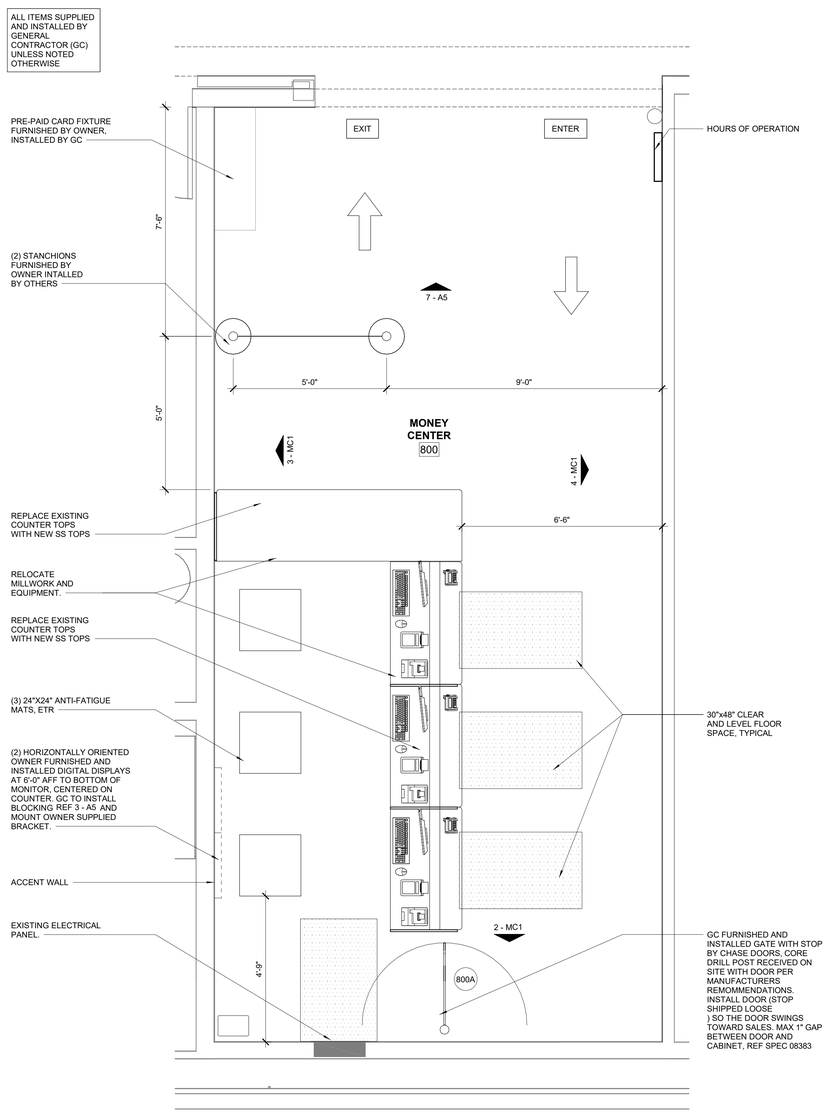
1. ALL SIGNAGE DISPLAYS AND BROCHURE HOLDERS BY OTHERS. INTALLED BY THRID PARTY.
2. CONTRACTOR TO COORDINATE ANY DISRUPTION TO STORE WITH WALMART STORE MANAGER
3. CASHWRAP MILLWORK IS EQUIPPED WITH HANDICAP ACCESSIBLE WRITING SURFACE AT 34" AFF
4. NOT USED
5. COORDINATE FINAL LAYOUT WITH STORE SETUP MANAGER
6. ALL ITEMS SUPPLIED AND INSTALLED BY GENERAL CONTRACTOR (GC) UNLESS NOTED OTHERWISE

4 MONEY CENTER ELEVATION
3/8" = 1'-0"

3 MONEY CENTER ELEVATION
3/8" = 1'-0"



2 MONEY CENTER ELEVATION
3/8" = 1'-0"



1 MONEY CENTER PLAN
1/2" = 1'-0"

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TONY D MUI
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12/20/21

MONEY CENTER FLOOR PLAN, DETAILS AND SCHEDULES

SHEET
MC1

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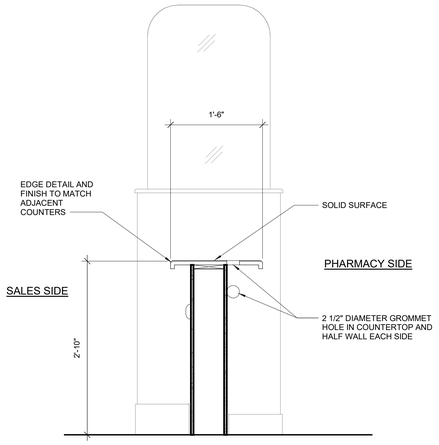
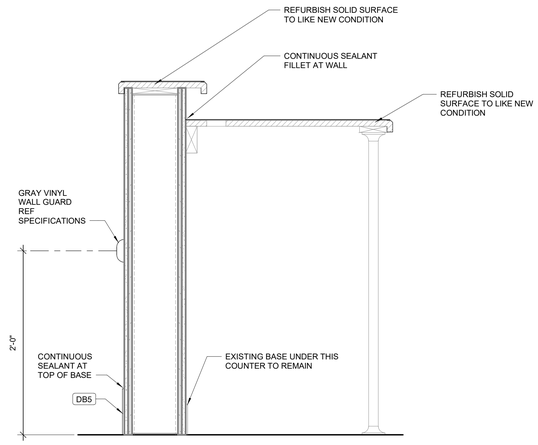
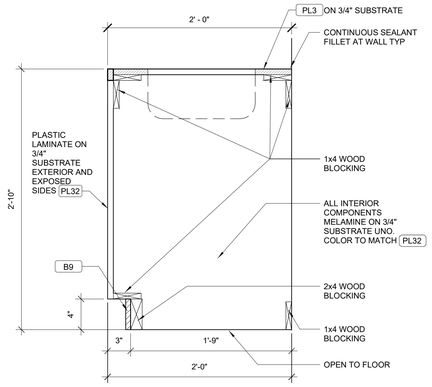


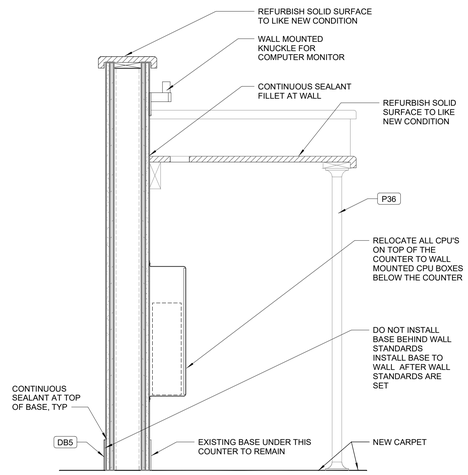
8 SECTION
1" = 1'-0"



7 COUNTER SECTION
1 1/2" = 1'-0"



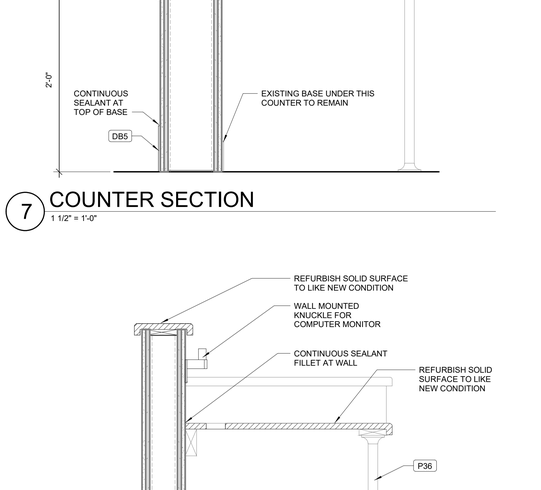
6 SINK CABINET SECTION
1 1/2" = 1'-0"



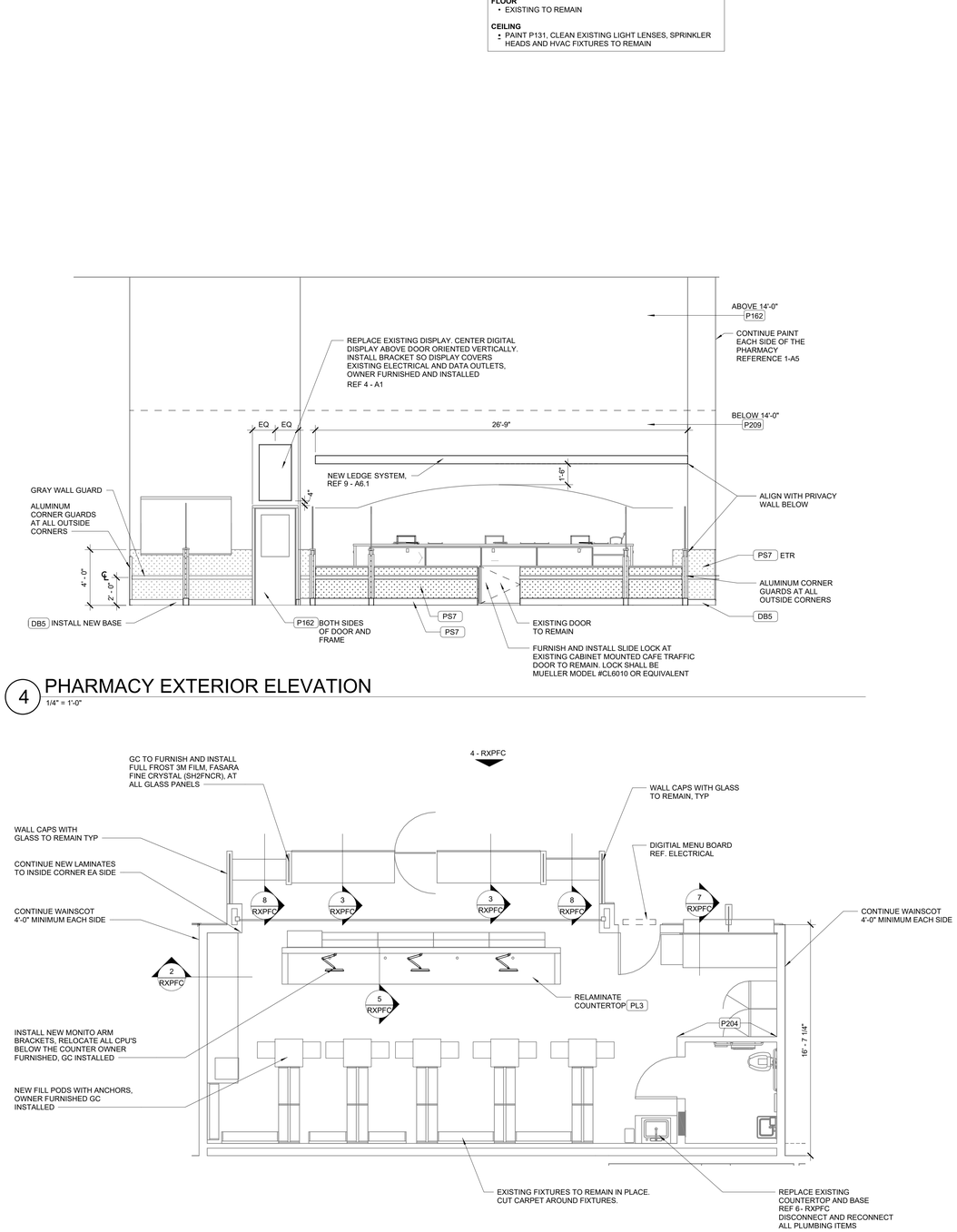
5 COUNTER SECTION
1 1/2" = 1'-0"

4 PHARMACY EXTERIOR ELEVATION
1/4" = 1'-0"

3 COUNTER SECTION
1 1/2" = 1'-0"



2 COUNTER SECTION
1 1/2" = 1'-0"



1 PHARMACY PLAN
1/4" = 1'-0"

300 PHARMACY

WALLS
- PAINT ALL WALLS P131 SEMIGLOSS
- INSTALL NEW PLASTIC BASE B6 ON ALL WALLS EXCEPT BEHIND PHARMACY RACKS.
- REPAIR DAMAGED WALLS BOTH INTERIOR AND EXTERIOR TYP.
- PAINT EXTERIOR WALLS AT PHARMACY P209 BELOW 14'-0" AND P162 ABOVE 14'-0"
- LAMINATE PS7 TO REMAIN
- INSTALL BASE DB5 ON THE CUSTOMER SIDE
- INSTALL NEW LEDGE, LAMINATED PS8 ON ALL SIDES

FLOOR
- REPLACE CUSHION BACK TILE CARPET C1 AND TRANSITION STRIP. REFERENCE FLOOR FINISH RESPONSIBILITY MATRIX

CEILING
- REPLACE ALL CEILING TILE, CLEAN CEILING GRID TO REMAIN
- CLEAN EXISTING LIGHT LENSES, SECURITY GLOBES, SPRINKLER HEAD AND HVAC FIXTURES TO REMAIN.

CASEWORK
- REFURBISH ALL COUNTERTOPS TO LIKE NEW CONDITIONS, REF 1-RXPFC FOR LOCATIONS

301 PHARMACY TOILET

WALLS
- EXISTING TO REMAIN

FLOOR
- EXISTING TO REMAIN

CEILING
- PAINT P131, CLEAN EXISTING LIGHT LENSES, SPRINKLER HEADS AND HVAC FIXTURES TO REMAIN

PFC NOTES

1. WORK SHALL BE ACCOMPLISHED IN A MANNER THAT WILL NOT AFFECT CURRENT PHARMACY OPERATIONS.
2. ALL NECESSARY PRECAUTIONS SHALL BE TAKEN TO PROTECT PHARMACY EQUIPMENT DURING REPAIR WORK.
3. GENERAL CONTRACTORS SHALL LEAVE PHARMACY IN A CLEAN AND OPERATIONAL MANNER AT THE END OF EACH WORK SESSION
4. CUT CARPET AROUND FIXTURES AND SAFE.
5. REPLACE ALL GROMMET HOLES TO MATCH EXISTING LOCATIONS AND SIZES IN COUNTERS TO RECEIVE NEW WORK.
6. NEW PAINT COLOR AND NEW LAMINATE TRANSITIONS ARE TO REMAIN WHERE EXISTING TRANSITIONS OCCUR.
7. PAINT ALL EXISTING COUNTERTOP POST P36.
8. PAINT BOTH SIDES OF EXISTING DOORS AND FRAMES P162, TYP. ALL DOORS.

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AR100424
12/20/21

PAINT, FIX, CLEAN (PFC) PLAN AND DETAILS

SHEET:
RXPFC

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REFRIGERATED CASE LEGEND

WDS NUMBER	QTY.	CASE LENGTH/ DOOR NO.	DESCRIPTION	MFR OR SUPPLIER	MODEL NO.	NOTES
RD1069.652	2	8FT	UNITIZED SELF-SERVICE ISLAND CENTER	HILL PHOENIX INC	QC-R-35-IC	5
RD1069.652	4	12FT	UNITIZED SELF-SERVICE ISLAND CENTER	HILL PHOENIX INC	QC-R-35-IC	5

ALL WEDGES TO BE GC. PROVIDED AND INSTALLED

GENERAL WEDGE NOTES:
A. GC FURNISHED AND INSTALLED..
B. SIDE SCRIBE PIECES PROVIDED WITH WEDGE. FIELD CUT TO FIT.
C. WEDGE TOP PIECE PROVIDED WITH WEDGE. FIELD CUT TO FIT.

GROCERY DRY WEDGE KIT CONTACT:
QUALSERV
(479) 646-8386 x-310 ATTN: DION CHAMBERS

EQUIPMENT NOTES

1. REFERENCE SHEET A1 FOR EQUIPMENT LOCATION
5. FINISHES FOR OWNER SUPPLIED EQUIPMENT ARE SPECIFIED PER BID ALIGNMENT BETWEEN OWNER AND OEM
10. EQUIPMENT INSTALLED BY EQUIPMENT SUPPLIER
11. RETROFIT DOORS/LIDS PROVIDED BY OWNER AND INSTALLED BY EQUIPMENT SUPPLIER

GENERAL EQUIPMENT NOTES

A. ALL EQUIPMENT IS SUPPLIED BY OWNER, INSTALLED BY THE GENERAL CONTRACTOR. GENERAL CONTRACTOR TO MAKE FINAL UTILITY CONNECTIONS, UNLESS OTHERWISE NOTED
B. REFERENCE SPECIFICATIONS FOR REFRIGERATED AND HOT DISPLAY CASES FOR SUPPLIED BY, INSTALLED BY, AND FINAL CONNECT BY
C. REFERENCE SPEC APPENDIX A FOR MANUFACTURER AND MODEL NUMBERS NOT LISTED IN EQUIPMENT LEGENDS
D. OWNER TO SUPPLY SS FIXTURES BY WIN-HOLT

KEYNOTES

1.52	REFRIGERATED CASE CORNER PROTECTION

900 GR SALES

WALLS
- GYP BD: REF 1-GA1 FOR PAINT. INSTALL PS7 WAINSCOT AND DB5 BASWE UNO. EXTEND WAINSCOT AND BASE AT EXPOSED WALL TO NEAREST MERCHANDISE RACK.
- CMU: REF 1-GA1 FOR PAINT. WHERE BASE IS EXISTING, IT IS ETR

FLOOR
- EC: ETR SPOT REPLACE DAMAGED FLOORING. REF SHEET SA1 FOR BID ALLOWANCE

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

912 MEAT PREP, 905 BAKERY UTILITY, 908 MEAT HOLDING

WALLS
- ETR

FLOOR
- ETR

FLOOR
- REF SHEET SA1 FOR CEILING SCHEDULE

902 DELI PREP, 909 PRODUCE PREP, 910 DRY PRODUCE PREP

WALLS
- ETR

FLOOR
- EC,ETR.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

906 BAKERY

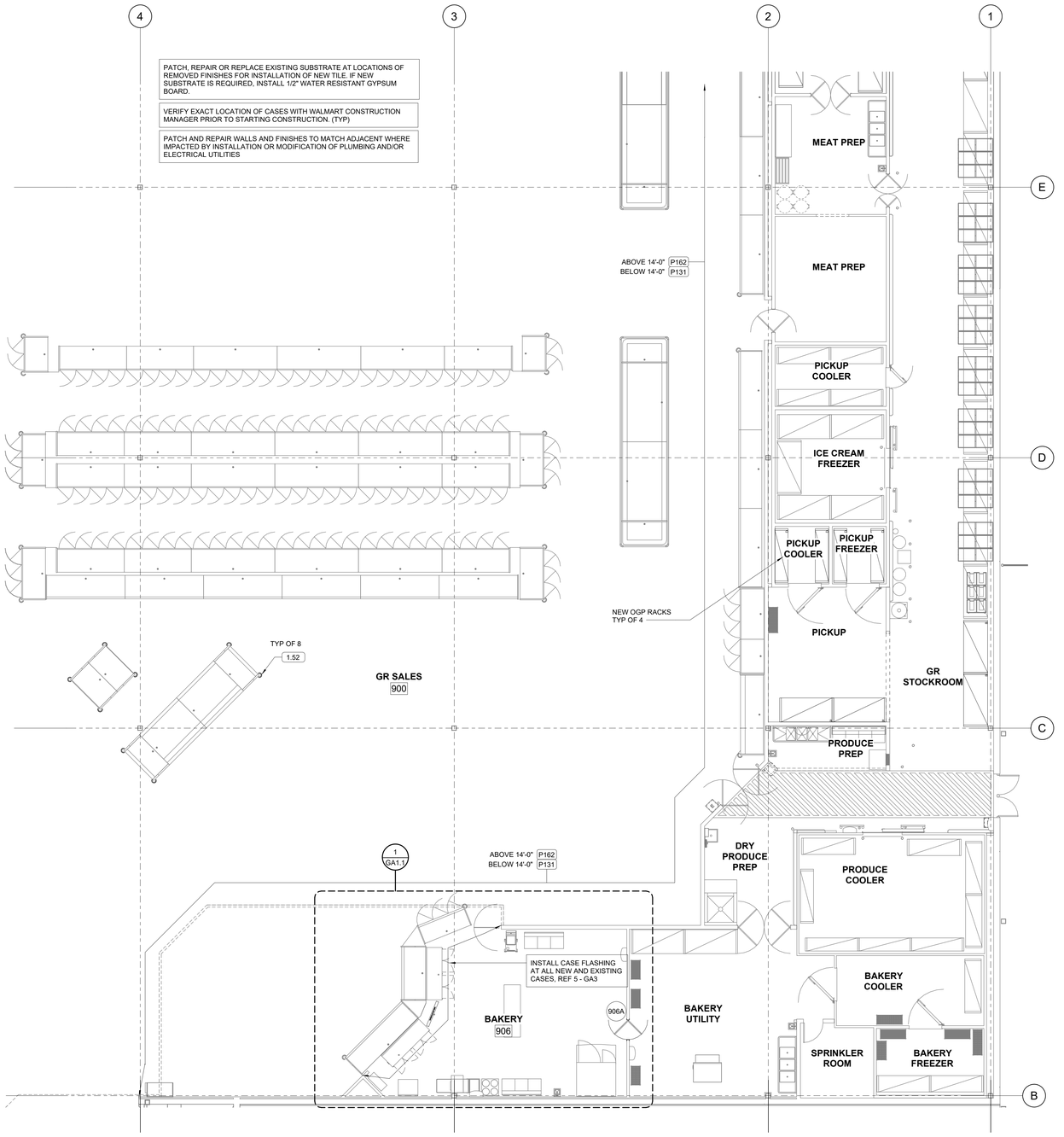
WALLS
- INSTALL FAUX TILE PANELS, REF FINISH FLOOR PLAN FOR EXTENTS.
- FRP & TILE. SPOT REPLACE DAMAGED WALL FINISHES.
- REF SHEET SA1 FOR BID ALLOWANCE
- BASE:ETR. SPOT REPLACE DAMAGED WALL BASE. REF SHEET SA1 FOR BID ALLOWANCE.

FLOOR
- ETR

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

SHEET NOTES

1. STUD WALL DIMENSIONS ARE TO THE FACE OF THE STUDS.
2. ROUTE ALL UTILITY SERVICE LINES (PIPES AND CONDUIT) WITHIN STUD WALLS WHEREVER POSSIBLE. ON COOLER/FREEZER PANELS IN FOOD PREP AREAS WHERE UTILITIES MUST BE EXPOSED, CONTRACTOR TO HAVE THE OPTION OF THE FOLLOWING:
   a. SURFACE MOUNT UTILITIES WITH NON-CORROSIVE ANCHORS; SEAL BOTH SIDES OF PIPE/CONDUIT TO PANEL CONTINUOUSLY WITH SEALANT.
   b. INSTALL UTILITIES 1/2" OFF FACE OF PANEL TO ALLOW FOR CLEANING; USE ONLY NON-CORROSIVE MATERIALS FOR SPACERS AND ANCHORS.
   c. COVER UTILITIES WITH 20 GAUGE STAINLESS STEEL BENT PLATES MOUNTED TO WALL WITH NON-CORROSIVE ANCHORS; APPLY CONTINUOUS SEALANT ALONG EDGES AND JOINTS.
3. PROVIDE CONT USDA APPROVED SEALANT AT ALL JOINTS BETWEEN MATERIALS ON WALLS AND FLOORS IN FOOD PREPARATION COOLER AND FREEZER AREAS.
4. WALLS AND INFILL OF EXISTING OPENINGS ARE TO MATCH THE CONSTRUCTION AND FINISHES OF ADJACENT EXISTING WALLS.
5. PROPER INSTALLATION OF JOINT SEALANTS IS CRITICAL TO MEETING WALMART QUALITY ASSURANCE STANDARDS. PROVIDE SEALANTS IN ACCORDANCE WITH DRAWINGS AND SPECIFICATIONS. REFERENCE SECTION 07900 FOR SEALANT SCHEDULE
6. ALL JOINTS BETWEEN DISSIMILAR MATERIALS SHALL BE SEALED AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION, REGARDLESS OF WHETHER SHOWN ON THE DRAWINGS OR INDICATED IN THE SPECIFICATIONS. SUCH JOINTS NOT SHOWN OR SCHEDULED SHALL BE SEALED WITH SEALANTS AS RECOMMENDED BY THE MANUFACTURER FOR THE SPECIFIC APPLICATION.
7. INTERIOR SEALANTS USED IN FOOD PREPARATION AREAS SHALL MEET THE REQUIREMENTS FOR USE IN USDA REGULATED FACILITIES
8. PROVIDE STEEL CLOSURE PANELS AT ALL VERTICAL GAPS AND HORIZONTAL GAPS 52" OR LOWER BETWEEN REFRIGERATED CASES, WALLS AND/OR EQUIPMENT. REF 7 - GA3
9. COORDINATE REMOVAL AND DISPOSAL OF EXISTING REFRIGERATED CASES AND FIXTURES WITH MECHANICAL SERVICES CONSTRUCTION MANAGER. COORDINATE REMOVAL AND DISPOSAL OF EXISTING REFRIGERATED CASES AND FIXTURES WITH INSTALLATION OF NEW REFRIGERATED CASES AND FIXTURES EXISTING REACH-IN FROZEN CASES TO BE RELOCATED OR REMOVED SHALL BE USED ON A TEMPORARY BASIS DURING CONSTRUCTION OF NON-SERVICE SEAFOOD AREA. TEMPORARY CASES SHALL BE REMOVED ONCE THE NEW CASES ARE DELIVERED AND OPERATIONAL.
10. DIMENSIONS OF REFRIGERATED CASES ARE TO THE OUTERMOST POINTS OF THE CASES; ENDCAPS AND BUMPERS ARE CONSIDERED PART OF THE CASE, WHERE THEY OCCUR. DIMENSIONS ON THE FIXTURE PLANS ARE FOR LAYOUT AND OWNER-FURNISHED ITEMS ONLY AND ARE NOT TO BE USED FOR LOCATION OF WALLS AND OTHER CONTRACTOR-BUILT ITEMS
11. ALL FIXED (NON-MOVEABLE) EQUIPMENT INCLUDING SINKS, OVENS, AND REFRIGERATED EQUIPMENT SHALL BE SEALED TO THE WALLS. BASE OR LEGS SHALL BE SET IN A BED OF SEALANT WITH EXCESS REMOVED. MOVEABLE EQUIPMENT SHALL NOT BE SEALED.
12. NOT USED.
13. COOLER PANEL MANUFACTURERS TO FURNISH AND INSTALL LINERS, DOORS, PANELS, DOOR HARDWARE, STRIP CURTAINS, BATTEN STRIPS, MATERIALS, ETC. (WHERE INDICATED ON DRAWINGS)
14. RE-SKINNING OF EXISTING CASES TO REMAIN UNDER SEPARATE CONTRACT
15. REFER TO SHEET GA3 FOR SANITARY COVE BASE DETAILS
16. REPLACE SOAP DISPENSERS AND PAPER TOWEL DISPENSERS IN ALL GROCERY SERVICE AND PREP AREAS. REF .5 - GA3 , REF SPEC.
17. VERIFY EXACT LOCATION OF CASES WITH WALMART AND CM PRIOR TO STARTING CONSTRUCTION.



1 FRONT GROCERY PLAN
1/8" = 1'-0"

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FRONT GROCERY PLAN

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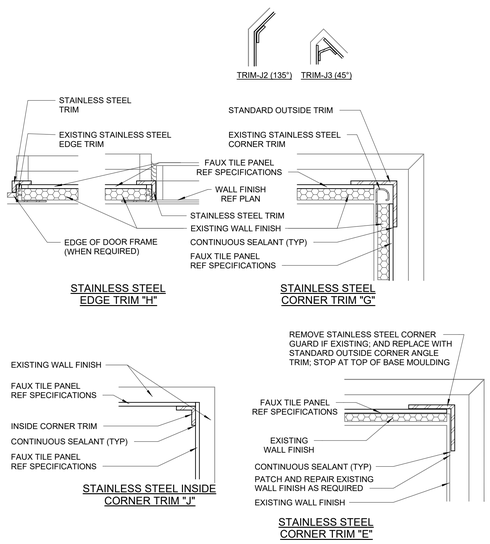
LEGEND

- (E) STAINLESS STEEL CORNER TRIM FULL HEIGHT UNLESS NOTED OTHERWISE
- (G) STAINLESS STEEL CORNER TRIM FULL HEIGHT UNLESS NOTED OTHERWISE
- (H) STAINLESS STEEL EDGE TRIM FULL HEIGHT UNLESS NOTED OTHERWISE
- (J) STAINLESS STEEL INSIDE CORNER TRIM FULL HEIGHT UNLESS NOTED OTHERWISE

NOTES:

1. REF 6 - GA1.1 FOR CORNER GUARD AND TRIM DETAILS
2. INSTALL FAUX TILE PANELS (FT1) AT EXTENTS OF EXISTING TILE/FRP/NRP IN CUSTOMER VISIBLE ARES.



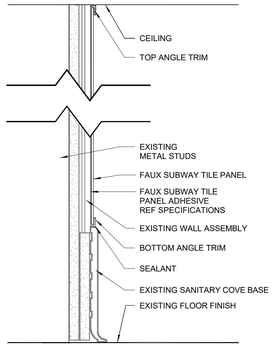
STAINLESS STEEL EDGE TRIM "H"

STAINLESS STEEL CORNER TRIM "G"

STAINLESS STEEL INSIDE CORNER TRIM "J"

STAINLESS STEEL CORNER TRIM "E"

6 CORNER GUARD AND TRIM
6" = 1'-0"



5 FAUX TILE ENLARGED SECTION
3" = 1'-0"

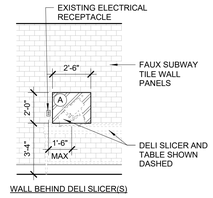
STAINLESS STEEL BACKSPLASH SIZE		
PANEL	WIDTH	HEIGHT
A	2'-6"	2'-0"

NOTE:
1. FIELD MODIFY BACKSPLASH TRIM.

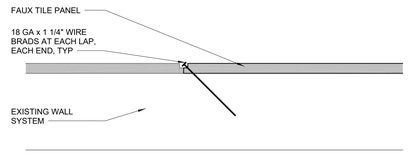
2. INSTALL SS PANEL(S) OVER TOP OF FAUX SUBWAY TILE WALL PANELS USING CONSTRUCTION ADHESIVE. REF SPECS.

2. VERIFY LOCATION OF EXISTING OUTLETS AND ENSURE SS PANELS ARE PLACED ADJACENT TO OUTLETS TO AVOID CUTTING SS PANELS IN THE FIELD

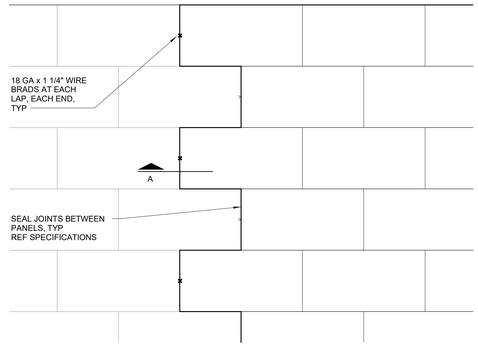
3. PROVIDE CONTINUOUS SEALANT AT ALL JOINTS AND PERIMETER OF SS PANELS.



4 BACKSPLASH AT DELI SLICER(S)
1/4" = 1'-0"

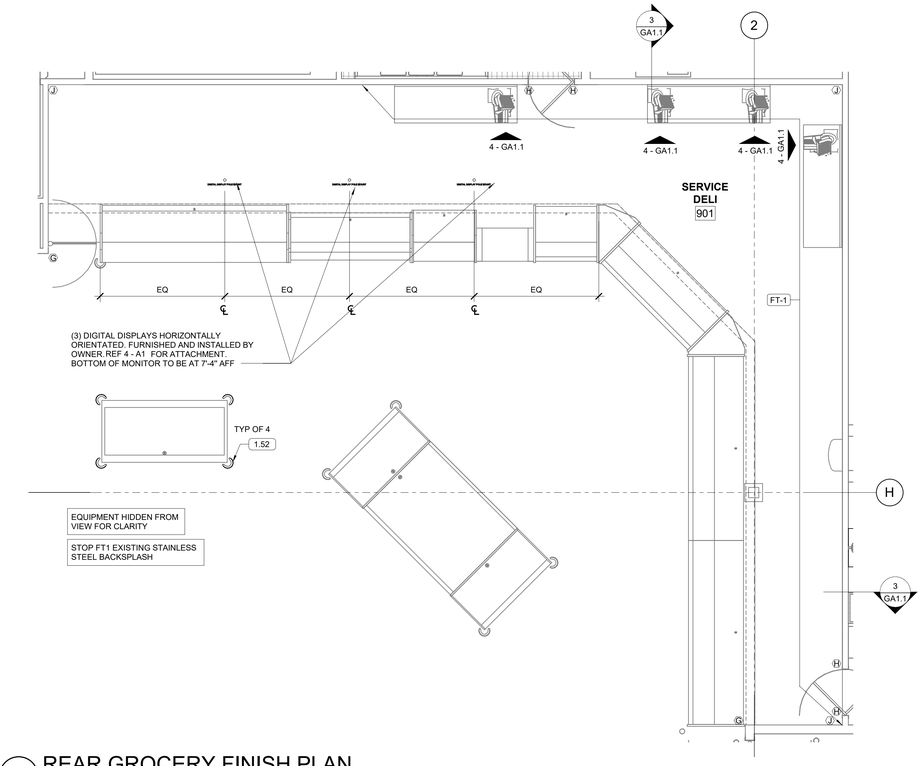


ENLARGED PLAN VIEW A

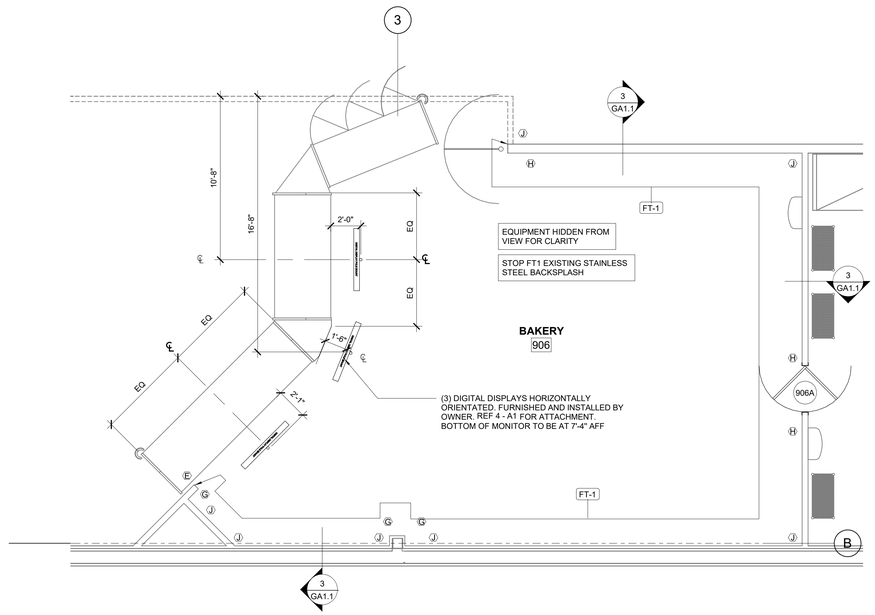


ELEVATION

3 ENLARGED FAUX TILE PANEL INSTALLATION DETAIL
3" = 1'-0"



2 REAR GROCERY FINISH PLAN
1/4" = 1'-0"



1 FRONT GROCERY FINISH PLAN
1/4" = 1'-0"

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FRONT GROCERY FINISH PLAN

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918 CORRIDOR

WALLS
- ETR, UNO

FLOOR
- REF FLOOR FINISH PLAN

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

919 ALCOVE

WALLS
- ETR

FLOOR
- EC; ETR

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

920 GR RECEIVING, 923 STOCKROOM

WALLS
- ETR

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE.

COMPACTOR
- ETR

901 SERVICE DELI

WALLS
- INSTALL FAUX TILE PANELS, REF FINISH FLOOR PLAN FOR EXTENTS.
- FRP & TILE: SPOT REPLACE DAMAGED WALL FINISHES.
- REF SHEET SA1 FOR BID ALLOWANCE
- BASE:ETR. SPOT REPLACE DAMAGED WALL BASE. REF SHEET SA1 FOR BID ALLOWANCE.

FLOOR
- ETR. SPOT REPLACE DAMAGED FLOORING. REF SHEET SA1 FOR BID ALLOWANCE.

CEILING
- REF SHEET SA1 FOR CEILING SCHEDULE

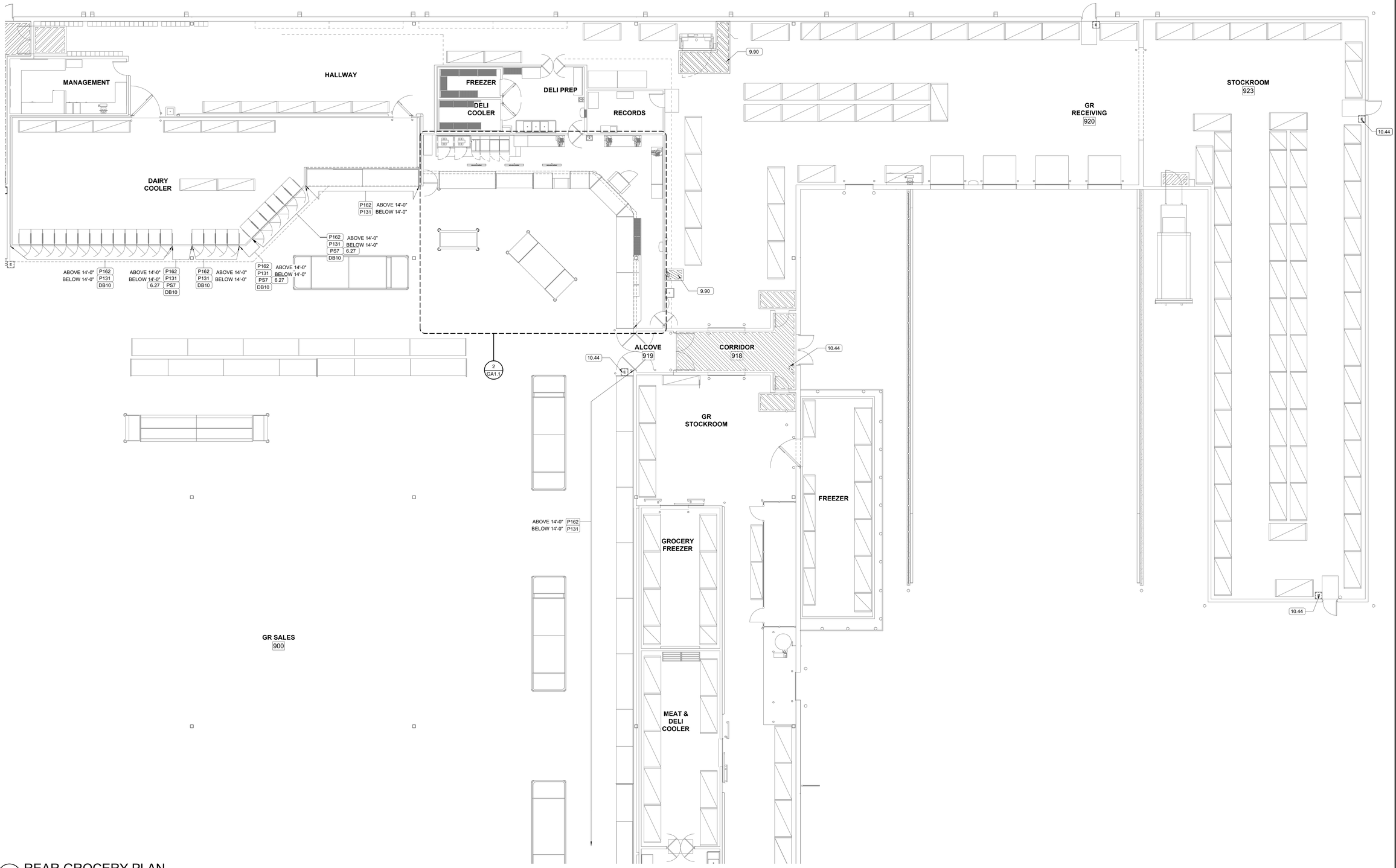
SHEET NOTES

1. REFER TO SHEET GA1 FOR GROCERY NOTES PERTAINING TO THIS SHEET.

KEYNOTES

6.27	48" HIGH WAINSCOT WITH OUTSIDE CORNER TRIM
9.90	FLOOR STRIPES. REF N1 FOR STRIPING CONDITIONS.
10.44	PROVIDE TACTILE "EXIT" SIGN. REF N1.

REFER SHEET GA1 FOR REFRIGERATED CASE SCHEDULE



1 REAR GROCERY PLAN
1/8" = 1'-0"

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REAR GROCERY PLAN

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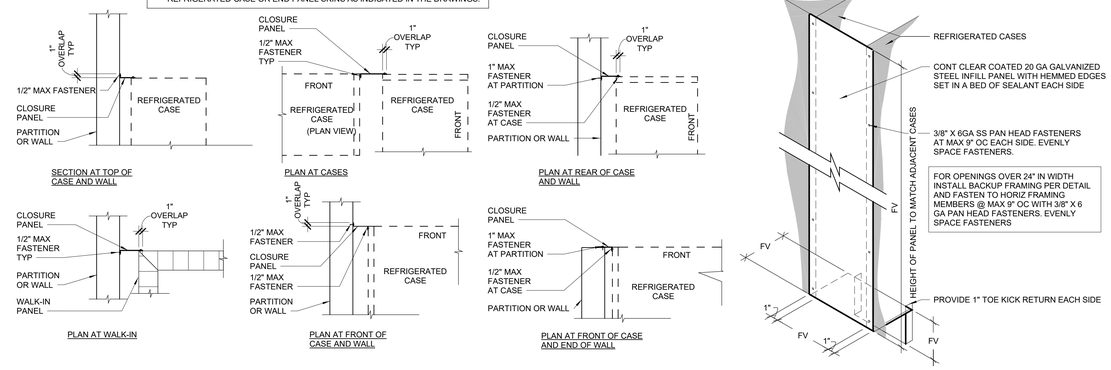
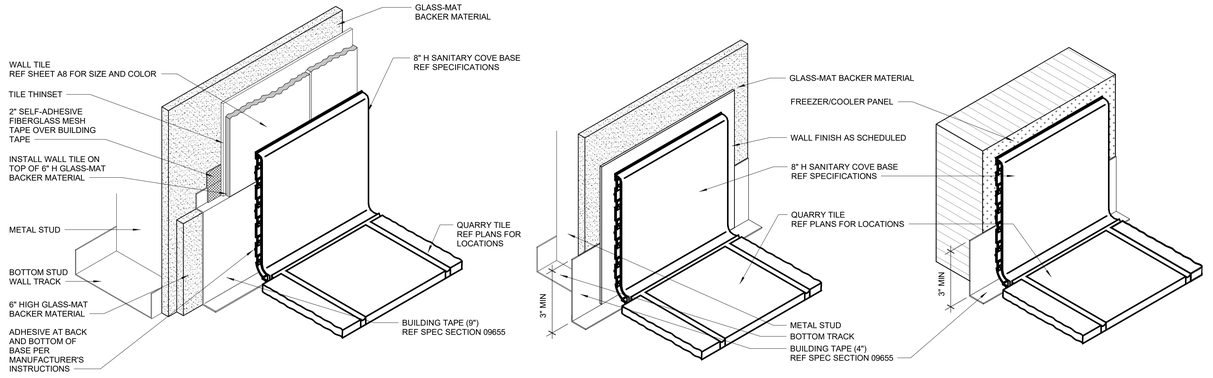
SANITARY COVE BASE SURFACE PREPARATION REQUIREMENTS

1. REMOVE EXISTING WALL BASE. AT EXISTING WALL CONDITIONS, REMOVE ALL GYPSUM BOARD BELOW 12" AFF AND REPLACE WITH GLASS-MAT BACKER OF SAME THICKNESS. IF FRP IS IN GOOD CONDITION REPLACE DAMAGED BASE WITH NEW BASE.
2. REMOVE AND REPLACE WALL FINISH TO NEAREST JOINT AS REQUIRED TO PERFORM GLASS-MAT BACKER INSTALLATION.
3. CUT BACK EXISTING QUARRY TILE FLOORING AS REQUIRED TO PROVIDE 1" CLEAR FROM FINISHED SURFACE TO EDGE OF TILE.
4. REMOVE ALL DEBRIS AND ANY REMAINING GROUT, CLEAN SURFACES AS REQUIRED FOR PROPER INSTALLATION OF CONSTRUCTION MATERIAL AND FINISHES.
5. INSTALL BUILDING TAPE AND FIBERGLASS MESH TAPE AS INDICATED.

NOTES:
1. REFRIGERATION CONTRACTOR TO PROVIDE GALVANIZED CLOSURE PANELS AT ALL VERTICAL GAPS AND AT ALL HORIZONTAL GAPS 52" OR LOWER AFF BETWEEN REFRIGERATED CASE, WALLS, AND/OR EQUIPMENT.
2. PROVIDE STAINLESS STEEL CLOSURE PANELS LOCATED IN PREP AREAS.
3. REF FLOOR PLANS FOR ALL PARTITION TYPES AND LOCATIONS.
4. EASE EXPOSED EDGES TO SMALL UNIFORM RADIUS.
5. SET CLOSURE PANEL IN A BED OF SEALANT EACH SIDE.
6. FASTEN CLOSURE PANELS WITH #6 PAN HEAD SCREWS AT 9" OC.
7. CLOSURE PANELS TO BE FASTENED ONLY TO THE BACK OF THE REFRIGERATED CASE OR END PANEL SKINS AS INDICATED IN THE DRAWINGS.

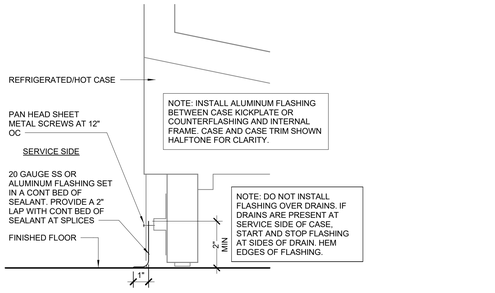


7 CLOSURE PANEL DETAIL
3/4" = 1'-0"

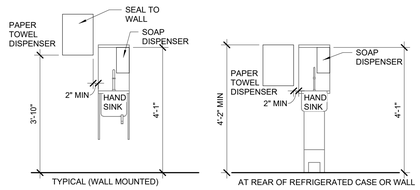


NOTES:
1. CONDITIONS SHOWN ARE FOR NEW CONSTRUCTION. PARTITION AND SUBSTRATE ABOVE 12" AFF MAY VARY AT EXISTING PARTITIONS
2. TRIM EXCESS BUILDING TAPE FROM PROJECTING HORIZONTAL FLAP PRIOR TO INSTALLATION OF BASE
3. REF FOR ADDITIONAL INFORMATION AT INSIDE AND OUTSIDE CORNERS
4. GC TO PROVIDE MECHANICAL FASTENERS PER MANUFACTURERS WRITTEN INSTRUCTIONS
5. USE ACCESSORIES PROVIDED AND INSTALL SANITARY COVE BASE PER MANUFACTURERS INSTRUCTIONS

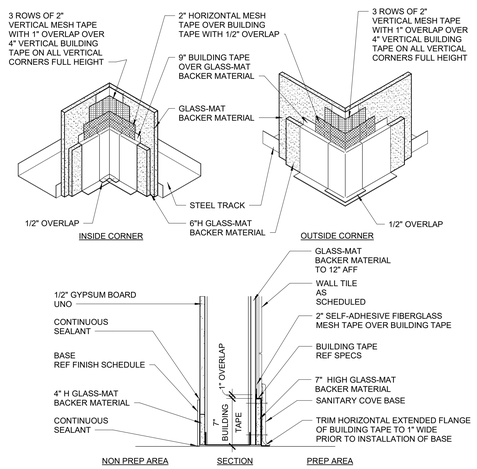
4 SANITARY COVE BASE DETAILS (QT)
3" = 1'-0"



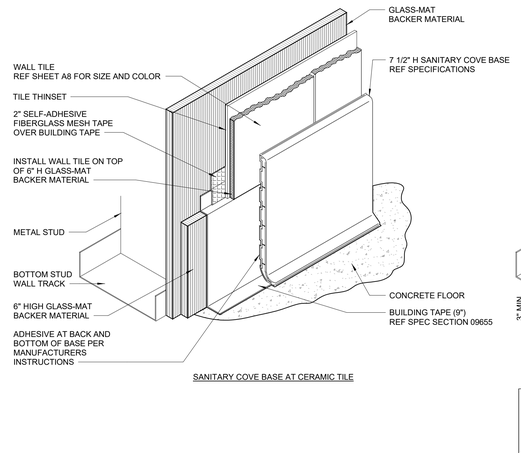
6 CASE TRIM DETAIL AT SERVICE CASE
3" = 1'-0"



5 HAND SINK ELEVATION
1/2" = 1'-0"

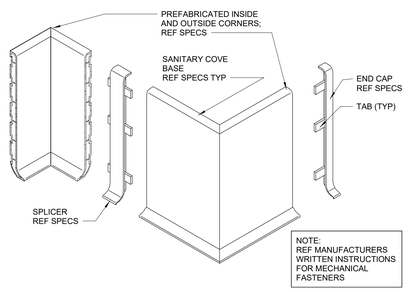


3 WALL DETAIL
1 1/2" = 1'-0"



NOTES:
1. CONDITIONS SHOWN ARE FOR NEW CONSTRUCTION. PARTITION AND SUBSTRATE ABOVE 12" AFF MAY VARY AT EXISTING PARTITIONS
2. TRIM EXCESS BUILDING TAPE FROM PROJECTING HORIZONTAL FLAP PRIOR TO INSTALLATION OF BASE
3. REF FOR ADDITIONAL INFORMATION AT INSIDE AND OUTSIDE CORNERS
4. GC TO PROVIDE MECHANICAL FASTENERS PER MANUFACTURERS WRITTEN INSTRUCTIONS
5. USE ACCESSORIES PROVIDED AND INSTALL SANITARY COVE BASE PER MANUFACTURERS INSTRUCTIONS

2 SANITARY COVE BASE DETAILS (CONCRETE)
3" = 1'-0"



1 SANITARY COVE BASE ACCESSORY DETAILS
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CASE INSTALLATION

*****NOTE*****
THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALTY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

#	SCOPE OF WORK	RESPONSIBLE PARTY			
		REPLACEMENTS		NEW EQUIPMENT	
		REMODEL	CAPEX	REMODEL	CAPEX
1	FURNISH THE NEW / REPLACEMENT CASES.	OEM/WMT	OEM/WMT	OEM/WMT	OEM/WMT
2	FURNISH AND INSTALL ALL (REFRIGERANT AND DRAIN) PIPING, AND ALL FIELD INSTALLED REFRIGERATION VALVES NECESSARY TO COMPLETE THE WORK.	RC	RC	RC	RC
3	FURNISH ALL CONTROLS CABLING AS NECESSARY TO COMPLETE THE WORK. (24 VOLTS OR LESS)	EMS	EMS	EMS	EMS
4	PROVIDE TYPEWRITTEN SCHEDULES FOR ALL AFFECTED ELECTRICAL PANELBOARDS.	GC	RC	GC	RC
5	INSTALL AND TERMINATE FURNISHED CONTROLS WIRING (24 VOLTS OR LESS) AS DETAILED ON THE PRINTS.	RC	RC	RC	RC
6	PROVIDE ELECTRICAL POWER CABLING FROM POWER SOURCE TO THE FIRST CASE IN THE CIRCUIT.	GC	RC	GC	RC
7	PROVIDE ALL "SLAVE" WIRING FROM FIRST CASE TO REMAINING CASES ON THE CIRCUIT.	RC	RC	RC	RC
8	PREFABRICATE AS MUCH OF THE NEW PIPE WORK AND ELECTRICAL CONDUIT AS POSSIBLE AND MOUNT ANY NEW DEVICES IN ORDER TO REDUCE THE AMOUNT OF "DOWN TIME...	RC	RC	RC	RC
9	COORDINATE THE INSTALLATION TIME WITH STORE...	GC	RC	GC	RC
10	OBTAIN HOT WORK PERMITS AS REQUIRED.	GC	RC	GC	RC
11	NOTIFY THE EMS VENDOR 24 HRS. IN ADVANCE OF THE WORK - TELL THEM WHAT CASES ARE BEING INSTALLED AND WHAT SYSTEMS WILL BE IMPACTED.	RC	RC	RC	RC
12	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEMS AND WHICH CASES WILL BE IMPACTED BY THE WORK.	RC	RC	N/A	N/A
13	REMOVE ALL OF REFRIGERATED PRODUCTS FROM THE CASES THAT ARE BEING REPLACED.	WMT	WMT	N/A	N/A
14	REMOVE ALL OF THE ASSET PROTECTION (BUMP GUARDS) FROM AROUND THE CASES.	GC	RC	N/A	N/A
15	DECOMMISSION AND REMOVE THE OLD CASES. IN TEXAS, ALL DECOMMISSIONED CASES WILL BE REMOVED FROM THE STORE BY QUICK REFRIGERATION. COORDINATE REMOVAL AND DISPOSAL WITH WMT CONSTRUCTION MANGER. WHEN REPLACING PRODUCE CASES, REMOVE WATER SUPPLY FROM MISTING SYSTEM. WHEN REPLACING DELI SERVE OVER CASES, COORDINATE THE REMOVAL OF THE DATA CABLING FOR THE DELI SCALES.	RC	RC	N/A	N/A
16	CLEAN THE FLOOR UNDER THE CASES AND JET THE DRAINS.	RC	RC	N/A	N/A
17	WHEN REPLACING MULTI-DECK AND / OR GLASS DOOR CASES, AND REUSING EXISTING PIPEWORK, RE-INSULATE THE REFRIGERATION PIPING BEHIND THE CASES. THIS APPLIES TO ALL PIPING THAT IS ACCESSIBLE WITHOUT DISTURBING EXISTING CASES, INSIDE PITS / TUNNELS OR IN A CHASE THAT IS NOT BEING OTHERWISE DISTURBED.	RC	RC	N/A	N/A
18	SET THE NEW CASES IN THE POSITION DICTATED BY THE CONSTRUCTION PRINTS. ENSURE CASES ARE STRAIGHT AND LEVEL, AND SHIMMED PER THE MANUFACTURER'S GUIDANCE. SEAL ALL CASES WITH BUTYL SEALANT. ALIGN GLASS DOORS PLUMB AND LEVEL TO PREVENT "SAW-TOOTHING" OF THE DOORS.	RC	RC	RC	RC
19	CONNECT THE NEW CASES (MECHANICAL, ELECTRICAL, PLUMBING AND CONTROLS) AS DETAILED ON THE PRINTS.	RC	RC	RC	RC
20	EVACUATE AND PRESSURE TEST THE NEW CASES AND ANY PIPING MODIFIED OR DISTURBED DURING THE WORK.	RC	RC	RC	RC
21	SWITCH ON AND COMMISSION THE NEW CASES, VALVES AND CONTROLS AS REQUIRED. CHECK AND ADJUST MECHANICAL TXV SUPERHEATS TO OEM RECOMMENDATIONS AND EPR...	RC	RC	RC	RC
22	INSTALL FURNISHED LIDS TO REFRIGERATED BUNKERS.	RC	RC	RC	RC
23	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	OEM	OEM	OEM	OEM
24	WHEN REPLACING PRODUCE CASES, INSTALL NEW MISTING SYSTEM TO CASES AND CONNECT TO DEDICATED WATER SUPPLY.	RC	RC	RC	RC
25	WHEN REPLACING DELI SERVE OVER CASES, COORDINATE THE INSTALLATION OF THE DATA CABLING FOR THE DELI SCALES.	WMT	RC/WMT	WMT	RC/WMT
26	NOTIFY WMT BUILDING CONTROLS THAT THE NEW CASES ARE RUNNING AND ONLINE.	RC	RC	RC	RC
27	CARRY OUT A THOROUGH LEAK TEST ON ALL WELDED AND MECHANICAL JOINTS INSTALLED OR DISTURBED DURING THE PROJECT.	RC	RC	RC	RC
28	HANDOVER THE NEW CASES TO THE STORE. (CASES MUST BE CLEAN, AT OPERATIONAL TEMPERATURE AND FULLY FUNCTIONAL WITH ALL PANS AND SHELVING IN PLACE.)	RC	RC	RC	RC
29	FILL THE NEW CASE WITH PRODUCT.	WMT	WMT	WMT	WMT
30	REPLACE MISSING OR DAMAGED FLOOR TILES OR REPAIR VISIBLE, DAMAGED CONCRETE FLOOR AROUND THE NEW CASES. (AS NEEDED)	GC (OR WMT PREFERRED FLOORNG INSTALLER)	RC	N/A	N/A
31	INSTALL NEW CIRCUIT LABELS TO THE NEW CASES AS...	RC	RC	RC	RC
32	REPLACE THE SHOP FLOOR DRAWINGS AND INSTALL REPLACEMENT LEGENDS.	RC	RC	RC	RC
33	REINSTALL ANY PREVIOUSLY REMOVED (UNDAMAGED) ASSET PROTECTION (BUMP GUARDS). INSTALL NEW OWNER FURNISHED PROTECTION EQUIPMENT AS NEEDED.	RC	RC	RC	RC
34	AFTER ALL CHANGES HAVE BEEN MADE TO A RACK, REMOVE ANY COMPRESSOR SUCTION FILTERS / SOCKS AND REPLACE THE RACK LIQUID LINE FILTERS. LEAVE THE OLD FILTERS /...	RC	RC	RC	RC
35	SUBMIT REQUIRED VERISAE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERISAE FORMS ARE TO BE EMAILED TO MCEQUIP@WAL-MART.COM.	RC	RC	RC	RC
36	REMOVE ALL OF THE OLD CASES AND CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND TRASH.	GC	RC	GC	RC

CONDENSER REPLACEMENT

*****NOTE*****
THIS DOCUMENT IS INTENDED TO DESCRIBE IMPORTANT ELEMENTS OF THIS PROJECT AND TO DEFINE THE RESPONSIBLE PARTIES FOR THIS WORK STREAM. IT IS NOT MEANT TO BE AN EXHAUSTIVE SOURCE OF INFORMATION OR A COMPLETE SCOPE OF WORK. IT SHOULD BE READ AND USED IN CONJUNCTION WITH ADDITIONAL, DETAILED INFORMATION IN THE WALMART REALTY ONE BEST WAY STANDARDS LIBRARY, AND IN PUBLICATIONS AVAILABLE FROM THE MANUFACTURER.

#	SCOPE OF WORK	RESPONSIBLE PARTY	
		REMODEL	CAPEX
1	FURNISH THE NEW REPLACEMENT CONDENSERS / VFD'S.	OEM/WMT	OEM/WMT
2	INSTALL ANY ADDITIONAL SUPPORT OR SCREENING STRUCTURES AS REQUIRED TO SUPPORT THE NEW CONDENSERS.	GC	RC
3	FURNISH AND INSTALL ALL (REFRIGERANT AND DRAIN) PIPING, AND ALL FIELD INSTALLED REFRIGERATION VALVES NECESSARY TO COMPLETE THE WORK.	RC	RC
4	FURNISH ALL CONTROLS CABLING AS NECESSARY TO COMPLETE THE WORK. (24 VOLTS OR LESS)	EMS	EMS
5	INSTALL AND TERMINATE CONTROLS WIRING (24 VOLTS OR LESS) AS DETAILED ON THE PRINTS.	RC	RC
6	TERMINATE ALL POWER CABLES.	RC	RC
7	PREFABRICATE AS MUCH OF THE NEW PIPE WORK AND ELECTRICAL CONDUIT AS POSSIBLE AND MOUNT ANY NEW DEVICES IN ORDER TO REDUCE THE AMOUNT OF "DOWN TIME" NEEDED TO COMPLETE THE INSTALLATION.	RC	RC
8	COORDINATE THE INSTALLATION TIME WITH STORE MANAGEMENT.	RC	RC
9	OBTAIN HOT WORK PERMITS AS REQUIRED.	GC	RC
10	NOTIFY THE EMS VENDOR 24 HRS. IN ADVANCE OF THE WORK - TELL THEM WHAT CONDENSERS ARE BEING INSTALLED AND WHAT SYSTEMS WILL BE IMPACTED.	RC	RC
11	NOTIFY THE WMT BUILDING CONTROLS TEAM AND ADVISE THEM WHICH SYSTEMS AND WHICH CASES WILL BE IMPACTED BY THE WORK.	RC	RC
12	TAKE WHATEVER STEPS ARE NECESSARY TO PROTECT THE PRODUCT THAT MAY BE AFFECTED BY THE WORK.	WMT	WMT
13	RECLAIM REFRIGERANT AS REQUIRED.	RC	RC
14	DECOMMISSION AND REMOVE THE OLD CONDENSERS / VFD'S.	RC	RC
15	INSTALL THE NEW FURNISHED CONDENSERS, VALVES, VFD'S ETC. AS DETAILED IN THE CONSTRUCTION PRINTS. (MECHANICAL, ELECTRICAL AND CONTROLS)	RC	RC
16	EVACUATE AND PRESSURE TEST THE NEW CONDENSERS AND ANY PIPING MODIFIED OR DISTURBED DURING THE WORK.	RC	RC
17	SWITCH ON AND COMMISSION THE NEW CONDENSERS / VFD'S AND ALL OTHER CONTROL VALVES AS REQUIRED. CHECK AND ADJUST ALL CONTROL VALVE SETTINGS PER THE LEGEND.	RC	RC
18	REPLACE THE REFRIGERANT THAT WAS RECLAIMED DURING THE SHUTDOWN / DECOMMISSIONING PROCESS.	RC	RC
19	COMMISSION THE CONDENSERS AND VFD'S, USING THE OEM'S SEQUENCE OF OPERATION AND THE EOR'S CONTROL SETTINGS.	RC	RC
20	CARRY OUT ANY CONTROLS PARAMETER CHANGES.	EMS	EMS
21	PERFORM REMOTE CHECKOUT.	RC	RC
22	FURNISH CONTROLS SUPPORT TO THE INSTALLING CONTRACTOR.	EMS	EMS
23	NOTIFY WMT BUILDING CONTROLS THAT THE NEW CONDENSERS ARE RUNNING AND ONLINE.	RC	RC
24	CARRY OUT A THOROUGH LEAK TEST ON ALL WELDED AND MECHANICAL JOINTS INSTALLED OR DISTURBED DURING THE PROJECT.	RC	RC
25	CONFIRM WITH STORE MANAGEMENT THAT THE NEW CONDENSERS ARE FULLY OPERATIONAL AND ALL CASES ARE AT THE CORRECT TEMPERATURE.	RC	RC
26	COORDINATE THE SALVAGE OF THE OLD CONDENSERS WITH AES. ***NOTE - IN TEXAS, WALMART'S PREFERRED SALVAGE PARTNER FOR REFRIGERATION EQUIPMENT IS QUICK REFRIGERATION.	RC	RC
27	REMOVE THE OLD LEGENDS AND INSTALL REPLACEMENT LEGENDS AS SUPPLIED BY THE EOR / OEM.	RC	RC
28	AFTER ALL CHANGES HAVE BEEN MADE TO A RACK, REMOVE ANY COMPRESSOR SUCTION FILTERS / SOCKS AND REPLACE THE RACK LIQUID LINE FILTERS. LEAVE THE OLD FILTERS / DRIERS IN THE RACK HOUSE TO BE INSPECTED BY THE MCM.	RC	RC
29	CARRY OUT ANY STRUCTURAL WORK REQUIRED AND AS INCLUDED ON THE STRUCTURAL ENGINEERING DRAWINGS. OBTAIN HOT WORK PERMITS AS REQUIRED.	GC	RC
30	PROVIDE CTL INSPECTION OF STRUCTURAL WORK	WMT	WMT
31	SUBMIT REQUIRED VERISAE AND OTHER REGULATORY FORMS AS REQUIRED BY THE END OF COMMISSIONING WEEK. COMPLETED VERISAE FORMS ARE TO BE EMAILED TO MCEQUIP@WAL-MART.COM.	RC	RC
32	CLEAR SITE OF ALL TOOLS, UNUSED INSTALLATION MATERIALS AND...	GC	RC

ABBREVIATION LEGEND

ABBREVIATION	DESCRIPTION
RC	REFRIGERATION CONTRACTOR AND SUB-CONTRACTORS
GC	GENERAL CONTRACTOR AND SUB-CONTRACTORS
EMS	EMS VENDOR
OEM	ORIGINAL RACK EQUIPMENT MANUFACTURER, ORIGINAL CASE EQUIPMENT MANUFACTURER, AHU MANUFACTURER, RTU MANUFACTURER
PS	WALK-IN BOX PANEL SUPPLIER
WMT	WALMART
AES	SUPPLIER OF AHU ADAPTER CURBS, RTU ADAPTER CURBS AND WALMART'S EQUIPMENT SALVAGE PARTNER
WTC	WATER TREATMENT CONTRACTOR
MC	MECHANICAL CONTRACTOR AND SUB-CONTRACTORS

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PROTO CYCLE:	09/24/21
DOCUMENT DATE:	11/22/21

STATE OF FLORIDA
ANTHONY D MURPHY
AR100424
REGISTERED ARCHITECT
Anthony D Murphy
12/20/21

RESPONSIBILITY SCHEDULES

SHEET:
GA5

12/20/2021 4:16:09 PM
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THE QUANTITIES (COUNT) OF ITEMS LISTED IN THIS SCHEDULE MAY NOT ACCURATELY REPRESENT THE ACTUAL QUANTITY REQUIRED TO COMPLETE THE SCOPE OF WORK INCLUDED IN THE CONTRACT DOCUMENTS. ACTUAL QUANTITY (COUNT) OF OWNER SUPPLIED ITEMS SHALL BE DETERMINED THROUGH A THOROUGH REVIEW AND ACCOUNTING OF THE CONTRACT DRAWINGS.

OWNER SUPPLIED ITEMS

WDS #	VENDOR SAP #	Family	TYPE	MODEL
[AMERIGAS], [BLUE RHINO]				
N/A	N/A	PUBLIC - Self Serve Propane Exchange Unit	PUBLIC - Self Serve Propane Exchange Unit	UNKNOWN
[LOZIER STORE FIXTURES INC][MADIX]				
PH7008	[1000118939][1000084552]	PHARMACY - Fill Pod V2	24"x24"	24"X24"
[QUALSERV SOLUTIONS LLC][IDX CORPORATION]				
VC2067	[1000041874][1000347050]	VISION CENTER 2.0 - Vertical Slat Wall	VISION CENTER 2.0 - Vertical Slat Wall	SLAT WALL
ACUITY BRANDS LIGHTING INC				
EL0016	1000041247	26_Lighting_Exit_Wall_Acuity_LQM	Type16	RED: LQM S W 1 R 120/277 EL N SD90 M6 GREEN: LQM S W 1 G 120/277 EL N SD90 M6
EL068R	1000142734	26_Lighting_Recessed_Downlight_Acuity_LBR6	Type68R	LBR6 07LM 40K AR LSS MWD MVOLT UGZ
EMERSON CLIMATE TECHNOLOGIES RETAIL				
RB0006	1000214394	23_Refrigeration_BAS_Horn_Strobe_Emerson	Horn Strobe	868STR
RB0009	1000214394	23_Refrigeration_BAS_Leak_Detection_Panel_Emerson	LDP	
RB0013	1000214394	23_Refrigeration_BAS_Leak_Detection_Sensor_Emerson	MRLDS	MRLDS
RB0016	1000214394	23_Refrigeration_BAS_Leak_Detection_Zone_Alarm_Emerson	Zone Alarm	
HAINES JONES & CADBURY LLC HJC				
PH6123	UNKNOWN	PHARMACY - Wall Guard	Wall Guard	UNKNOWN
PH0036	1000121534	PHARMACY - Wall Mounted Equipment Arm	EQUIPMENT ARM	UNKNOWN
HAINES, JONES & CADBURY				
FS0005	1000121534	21_Fire_Suppression_Sprinkler_Upright_Opflex_0-75_155_K 11-2	3/4" BRASS UPRIGHT 155	TY5131
HEATCRAFT REFRIGERATION PRODUCTS LL				
RC0044	1000108507	23_Refrigeration_Condensing_Unit_Kysor_Warren	Condensing Unit	
HONEYWELL INTERNATIONAL INC				
	1000211094	23_Refrigeration_BAS_Evap_Controller_Enclosure_KE2	KE2 Evap 40A (20178/20844)	20178/20844
	1000211094	23_Refrigeration_BAS_Evap_Controller_Enclosure_KE2	KE2 Evap 80A (20178/20844/20219)	20178/20844/20219
RB0031	1000211094	23_Refrigeration_BAS_XIO_Enclosure_Novar	1 XIO Enclosure	
KYSOR/WARREN				
RE0568	1000108507	23_Refrigeration_Evaporator_Coil_Bohn_BEL_Kysor_Warren	BEL-0275	BEL-0275
RE0601	1000108507	23_Refrigeration_Evaporator_Coil_Bohn_BEV_Kysor_Warren	BEV-0290	BEV-0290
LOEB ELECTRIC CO				
EL0009	1000133741	26_Lighting_Volumetric_Troffer_Loeb_BLT	Type9	2BLT2 40L ADSM GZ1 LP840
MCCUE CORPORATION				
FR1001	1000103826	PROTECT - Floor Mounted Corner Guard	Refrigerated Case Corner Protection	UNKNOWN
REXEL INC				
	1000046047	26_Electrical_Outlet_WMRECDU_FET	WMRECDU-FET-END	WMRECDU-FET-END
EL0019	1000046047	26_Lighting_Emergency_Rexel_EVHC	Type 18 - Wall	EVHC6IDP-WM
EL0048	1000046047	26_Lighting_Pendant_Rexel_MLCP	Type48	MLCP-DVD-208340CD-NN-M5L1-BK

SHEET NOTES

1. THE QUANTITIES (COUNT) OF ITEMS PURCHASED BY REALTY EXECUTION SERVICES AS SCHEDULED ON THIS "OWNER SUPPLIED ITEMS" SHEET MAY NOT ACCURATELY REPRESENT THE ACTUAL QUANTITY REQUIRED TO COMPLETE THE SCOPE OF WORK INCLUDED IN THE CONTRACT DOCUMENTS. ACTUAL QUANTITY (COUNT) OF OWNER SUPPLIED ITEMS SHALL BE DETERMINED THROUGH A THOROUGH REVIEW AND ACCOUNTING OF THE CONTRACT DRAWINGS.

2. REFERENCE APPENDIX A IN THE SPECIFICATIONS TO DETERMINE WHO IS RESPONSIBLE FOR THE INSTALLATION OF OWNER FURNISHED PRODUCTS.

MATERIAL VENDOR LIST	
VENDOR	VENDOR #
HARNIX CORP	
THE MATWORKS COMPANY LLC	
VERIFY WITH SPECS (VULCRAFT, NEW MILLENIUM, CONSOLIDATED SYSTEMS INC)	

EQUIPMENT VENDOR LIST	
VENDOR	VENDOR SAP #
[AMERIGAS], [BLUE RHINO]	N/A
[LOZIER STORE FIXTURES INC][MADIX]	[1000118939] [1000084552]
[QUALSERV SOLUTIONS LLC][IDX CORPORATION]	[1000041874] [1000347050]
ACUITY BRANDS LIGHTING INC	
EMERSON CLIMATE TECHNOLOGIES RETAIL	1000214394
HAINES JONES & CADBURY LLC HJC	
HAINES, JONES & CADBURY	1000121534
HEATCRAFT REFRIGERATION PRODUCTS LL	1000108507
HONEYWELL INTERNATIONAL INC	1000211094
KYSOR/WARREN	1000108507
LOEB ELECTRIC CO	1000133741
MCCUE CORPORATION	1000103826
REXEL INC	1000046047

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PROTO CYCLE: 09/24/21
DOCUMENT DATE: 11/22/21

STATE OF FLORIDA
ANTHONY D MURPHY
AR100424
REGISTERED ARCHITECT
12/15/21

OWNER SUPPLIED ITEMS

SHEET:
OS1

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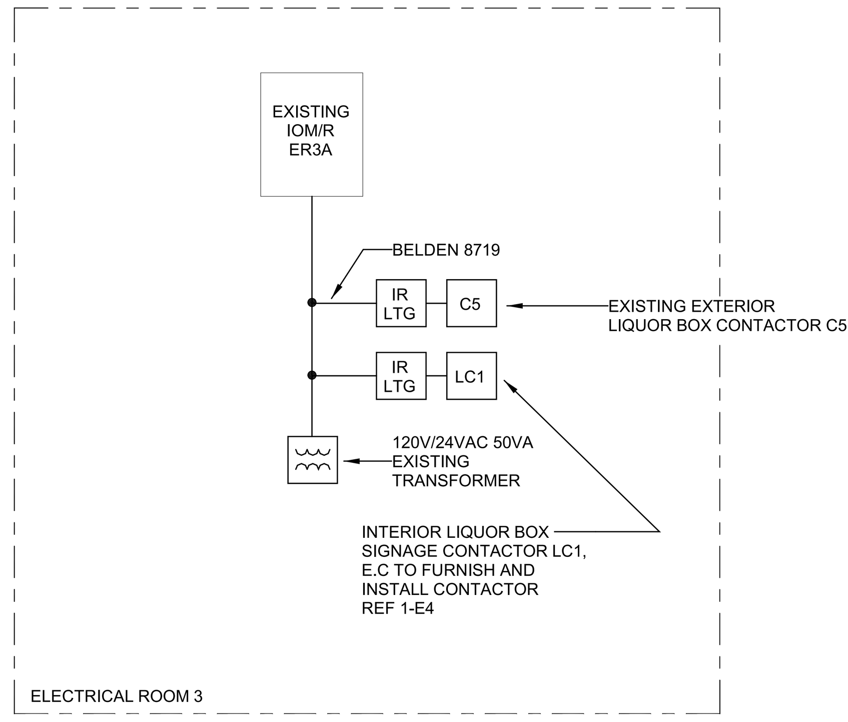
CONTROL INFORMATION

NO.	DESCRIPTION	TYPE	PANEL/CCT	BREAKER POLES	BREAKER TYPE	ON/OFF OUTPUT	ON/OFF PROGRAMMING	ROP INPUT/ PROGRAMMING
C5	EXTERIOR LIQUOR BOX SIGNAGE	CONTACTOR	LTS1 - 9	1	EXISTING	IOM/R-ER3A-4	COORDINATE WITH STORE MANAGER	N/A
LC1	INTERIOR LIQUOR BOX SIGNAGE	CONTACTOR	LTS1 - 11 LTS1 - 14 LTS1 - 13 LTS1 - 16	1	NEW		COORDINATE WITH STORE MANAGER	N/A

NOTE: E.C. TO FURNISH AND INSTALL CONTACTORS. REFER TO BAS SHEETS FOR CONTROL INFORMATION.

PROVIDE CONDUIT, FITTINGS, WIRE-TIES, CONNECTORS, LABELS, AND ANY OTHER MISC. PARTS NEEDED TO INSTALL AND START THE SYSTEM.

OWNER WILL FURNISH ALL MAJOR E.M.S. DEVICES (INCLUDING 24 VOLT TRANSFORMERS AND RELAYS).

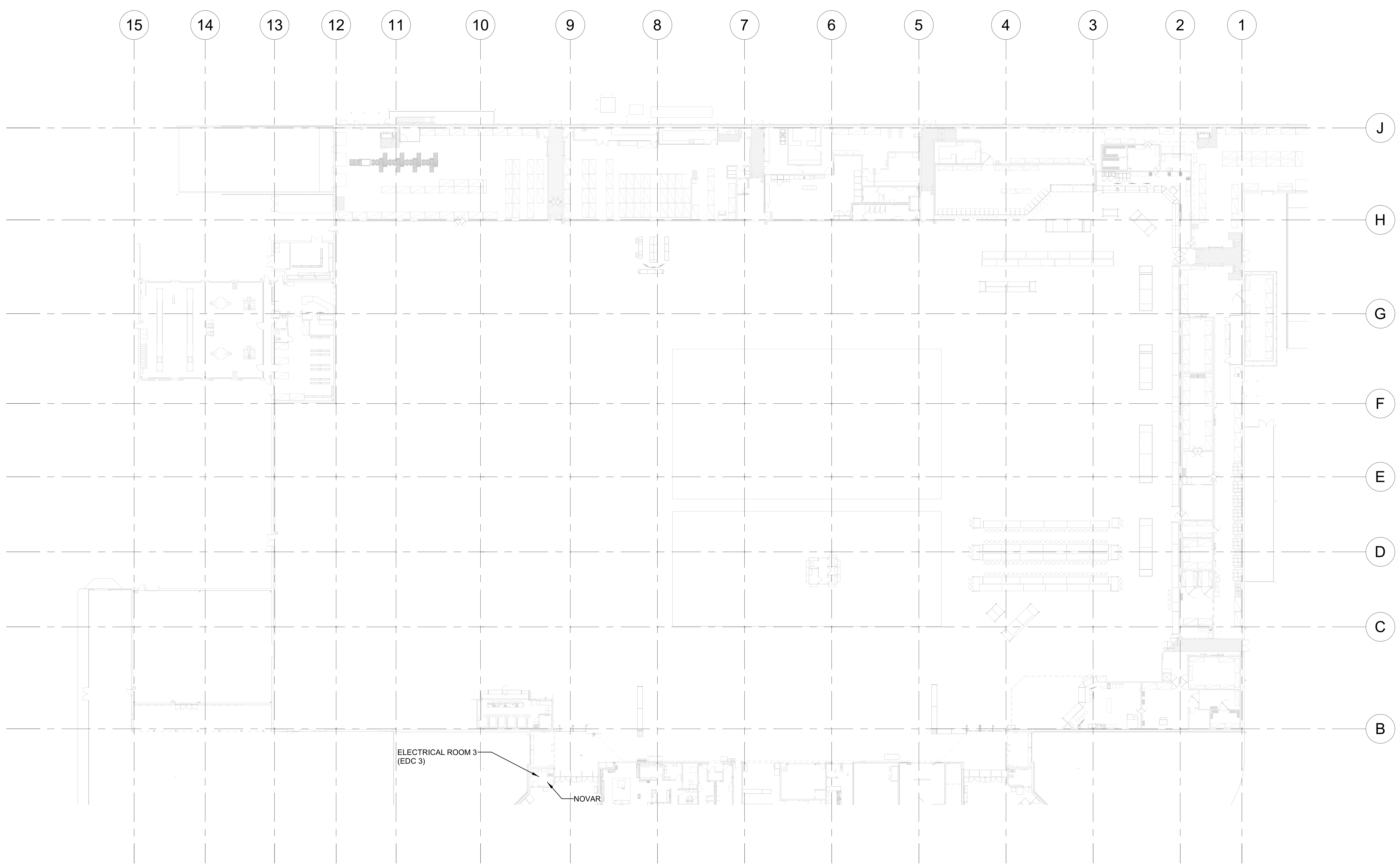


2 PARTIAL BAS ONE-LINE
NTS

WIRE LEGEND

WIR-1010 (TAN CABLE 18-2, 20-2 TWISTED PAIR)
WIR-2020 (BLUE CABLE 22-2 TWISTED PAIR)
BELDEN 8719 (16-2 TWISTED PAIR)
BELDEN 8761 (22-2 TWISTED PAIR)
BELDEN 8771 (22-3 TWISTED PAIR)
BELDEN 9418 (18-4 W/DRAIN GROUND)
BELDEN 1120A (18-3 TWISTED PAIR)

NOTES:
1. ALL CABLE WIR-2020 UNLESS NOTED OTHERWISE.
2. ALL CABLE FURNISHED AND INSTALLED BY BAS CONTRACTOR.



1 BUILDING AUTOMATION PLAN
1/32" = 1'-0"

NOTE: ALL WORK ON THIS SHEET IS TO BE COMPLETED BY A WALMART APPROVED CONTRACTOR

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

BAS EQUIPMENT SALVAGE REQUIREMENTS

ALL DEMOLISHED BAS EQUIPMENT, WITH THE EXCEPTION OF ROOFTOP EQUIPMENT BEING SALVAGED BY AES, SHALL BE RETURNED TO WALMART MECHANICAL SERVICES CONSTRUCTION MANAGER. EQUIPMENT TO BE RETURNED INCLUDES: EXECUTIVE CONTROLLER(S), IOM(S), CIM(S), CCM(S), ETC. PROVIDE DOCUMENTATION FOR ALL EQUIPMENT REMOVED IN ACCORDANCE WITH SPECIFICATIONS AND REQUIRED CLOSE-OUT DOCUMENTS.

GENERAL BAS NOTES

1. TEMPERATURE AND CO2 SENSOR MOUNTING: PROVIDE 1/2" CONDUIT AND INSTALL BAS CABLE FROM SENSOR TO CONTROL MODULE. MOUNT SENSOR ON BOX. ALL SENSORS TO BE MOUNTED AT +84" UNLESS NOTED OTHERWISE. SENSORS ON SALES FLOOR SHALL BE INSTALLED ON THE BACK SIDE OF COLUMN. DO NOT INSTALL SENSORS IN HVAC SUPPLY AIR PATH OR IN DIRECT SUNLIGHT. REF MECHANICAL DRAWINGS FOR EXACT LOCATIONS.
   A. GYPSUM BOARD WALLS: PROVIDE A 4" SQUARE RECESSED BOX WITH A SINGLE GANG PLASTER RING FLUSH MOUNTED VERTICALLY.
   B. BLOCK WALLS AND COLUMNS: PROVIDE A 2"X4" BOX SURFACE MOUNTED VERTICALLY.
   C. INSULATE BEHIND SENSORS MOUNTED ON EXTERIOR WALLS WITH 1/2" POLYSTYRENE SPACER.
   D. MOUNT CO2 SENSORS 6" ABOVE TEMPERATURE SENSORS.
2. TERMINATIONS SHALL BE MADE IN ACCORDANCE WITH BAS SUPPLIER INSTALLATION INSTRUCTIONS. NO FOIL OR UNUSED WIRE(S) SHALL BE EXPOSED AFTER APPLICATION OF HEAT SHRINK.
3. CABLE: PROVIDE CABLE ACCORDING TO DRAWINGS. NO DEVIATION FROM DRAWINGS WILL BE ACCEPTED. CABLES SHALL HAVE EACH END LABELED INDICATING WHERE THE OPPOSITE END TERMINATES. CABLE SHALL BE INSTALLED IN CONDUIT OR CABLE TRAY IN FINISHED AREAS OF BUILDING. EXCEPT HVAC CABLE IN SALES FLOOR AREA AT BAR JOISTS.
4. MINOR CHANGES IN MATERIALS OR TERMINATION POINTS SHALL NOT INCREASE CONTRACT COST.
5. ROUTE BAS CONDUITS IN CONCEALED LOCATIONS (IN WALLS, PIPE RACKS AND/OR CHASES). PROVIDE A TRANSITION FROM THE PVC UNDERSLAB BAS CONDUIT TO EMT OR FLEX. BAS CABLES SHALL BE RUN IN CONDUIT FULL LENGTH, BENEATH REFRIGERATED CASES. BAS CABLES AT BAR JOIST LEVEL IN OPEN SALES AREA AND THE STOCKROOM CAN BE EXPOSED.
6. DEMOLITION: COORDINATE WITH ARCHITECTURAL DEMOLITION PLANS THE EXTENT OF BAS DEMOLITION. REMOVE CONDUIT AND WIRES ALL THE WAY BACK TO ORIGINATING JUNCTION BOXES OR DEVICES. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS.
7. BAS CONTRACTOR SHALL PROVIDE ASSISTANCE TO THE BAS SUPPLIER ON PERFORMING EQUIPMENT TESTS ON POWER SWITCHING PANELS AS NECESSARY.
8. DIMMING CONTROL WIRING MUST TERMINATE IN HOME RUN FIXTURES ONLY, AS SHOWN ON EMS PLANS, PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS. DO NOT MODIFY THE LISTED FIXTURE'S WIRING HARNESS OR TERMINATE CONTROL WIRING IN THE ADJACENT FIXTURES.
9. DO NOT INSTALL EQUIPMENT OR CONDUITS DIRECTLY UNDER SKYLIGHT WELLS UNLESS INDICATED OTHERWISE ON PLANS.
10. WHERE GROUPED CONDUITS ARE INSTALLED WITHIN THE JOIST SPACE, COORDINATE WITH SPRINKLER CONTRACTOR PRIOR TO INSTALLATION IN ORDER TO MAINTAIN REQUIRED CLEARANCES FROM SPRINKLERS.
11. 24 HOURS PRIOR TO SHUTTING DOWN HVAC SYSTEMS OR ENERGY MANAGEMENT CONTROLS SYSTEMS, SEND EMAIL TO NSRM@WALMART.COM. THE E-MAIL SHALL STATE WHAT, WHY, AND WHEN IT IS BEING SHUT DOWN AND HOW LONG IT IS ANTICIPATED TO BE SHUT DOWN. THEN SEND A FOLLOW UP EMAIL TO NSRM@WALMART.COM AFTER THE WORK IS COMPLETE AND THE SYSTEM IS BACK UP AND RUNNING.

BAS SYMBOLS

AHUC	AHU CONTROLLER
AHUS#	AHU TEM/RH SENSOR
ALS	ANALOG LIGHT SENSOR
ETM	ELECTRONIC THERMOSTAT MODULE
IDS	INDOOR DEWPOINT SENSOR
IHS	INDOOR HUMIDITY SENSOR
ITS	INDOOR TEMPERATURE SENSOR
ODS	OUTDOOR DEWPOINT SENSOR
OTS	OUTDOOR TEMPERATURE SENSOR
OS-X	OVERRIDE TEMPERATURE SENSOR
S-X	WALL TEMPERATURE SENSOR
_S#	UNIT HEATER TEMPERATURE SENSOR
HS-X	WALL HUMIDITY SENSOR
RTUC	ROOFTOP UNIT CONTROLLER
EICB	EQUIPMENT INTERFACE COMM BOARD
BAP	BUILDING ALARM PANEL
CO2	CARBON DIOXIDE SENSOR
FDI	FLUORESCENT DIMMER INTERFACE
HIR	HUMIDITY INTERFACE RELAY
IAO	INTERFACE ANALOG OUTPUT
IFP	INTERFACE PANEL
IOM	INPUT/OUTPUT MODULE
IR	INTERFACE RELAY
C#	CONTACTOR
MINio	AHU INTERFACE AND/OR I/O MODULE
PLM	PHASE LOSS MONITOR
PSOP	POWER SWITCHING OVERRIDE PANEL
PSP	POWER SWITCHING PANEL
ROP	REMOTE OVERRIDE PANEL
ELDP	ECLIPSE LIGHT DIMMING PANEL
UCM	UNITARY CONTROL MODULE
ES1	BAS CONTROLLER
LINGO EP/2	BAS CONTROLLER
LINGO XE	BAS CONTROLLER
LCD	NOVAR LCD DISPLAY
(S)	MOMENTARY PUSH BUTTON SWITCH
———	NEW EQUIPMENT
———	EXISTING EQUIPMENT
— — —	FACTORY INSTALLED EQUIPMENT
- - - -	EQUIPMENT TO BE DEMOLISHED

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No 76917
STATE OF FLORIDA
PROFESSIONAL ENGINEER
11/22/21

BUILDING AUTOMATION SYSTEM

novar.

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OCCUPANCY SENSOR NOTES

01.31.20

1. OCCUPANCY SENSORS IN RESTROOMS SHALL BE PROGRAMMED FOR AUTOMATIC ON AND MAXIMUM AVAILABLE TIME DELAY SETTINGS.
2. OCCUPANCY SENSORS IN DELI, PRODUCE, AND BAKERY PREP AREAS SHALL BE PROGRAMMED WITH MAXIMUM AVAILABLE TIME DELAY SETTINGS.
3. OCCUPANCY SENSORS IN WALK-IN COOLERS/FREEZERS SHALL BE LOW TEMPERATURE RATED, WALL MOUNTED 6" ABOVE DOOR, ADJUST AIMING FOR MAXIMUM COVERAGE, 10 MINUTE TIME DELAY.
4. ALL OTHER OCCUPANCY SENSORS SHALL BE PROGRAMMED WITH THE MINIMUM AVAILABLE TIME DELAY SETTING UNLESS NOTED OTHERWISE.
5. ALL SINGLE-POLE OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR MANUAL ON LIGHTING CONTROL UNLESS NOTED OTHERWISE.
6. ALL BI-LEVEL OCCUPANCY SENSORS SHALL BE PROGRAMMED FOR AUTOMATIC ON LIGHTING CONTROL FOR 50% OF FIXTURES AND WITH MANUAL ON MODE FOR REMAINING FIXTURES.
7. WHERE TWO OCCUPANCY SENSORS ARE SHOWN IN THE SAME LOCATION WIRE FOR PARALLEL OPERATION.

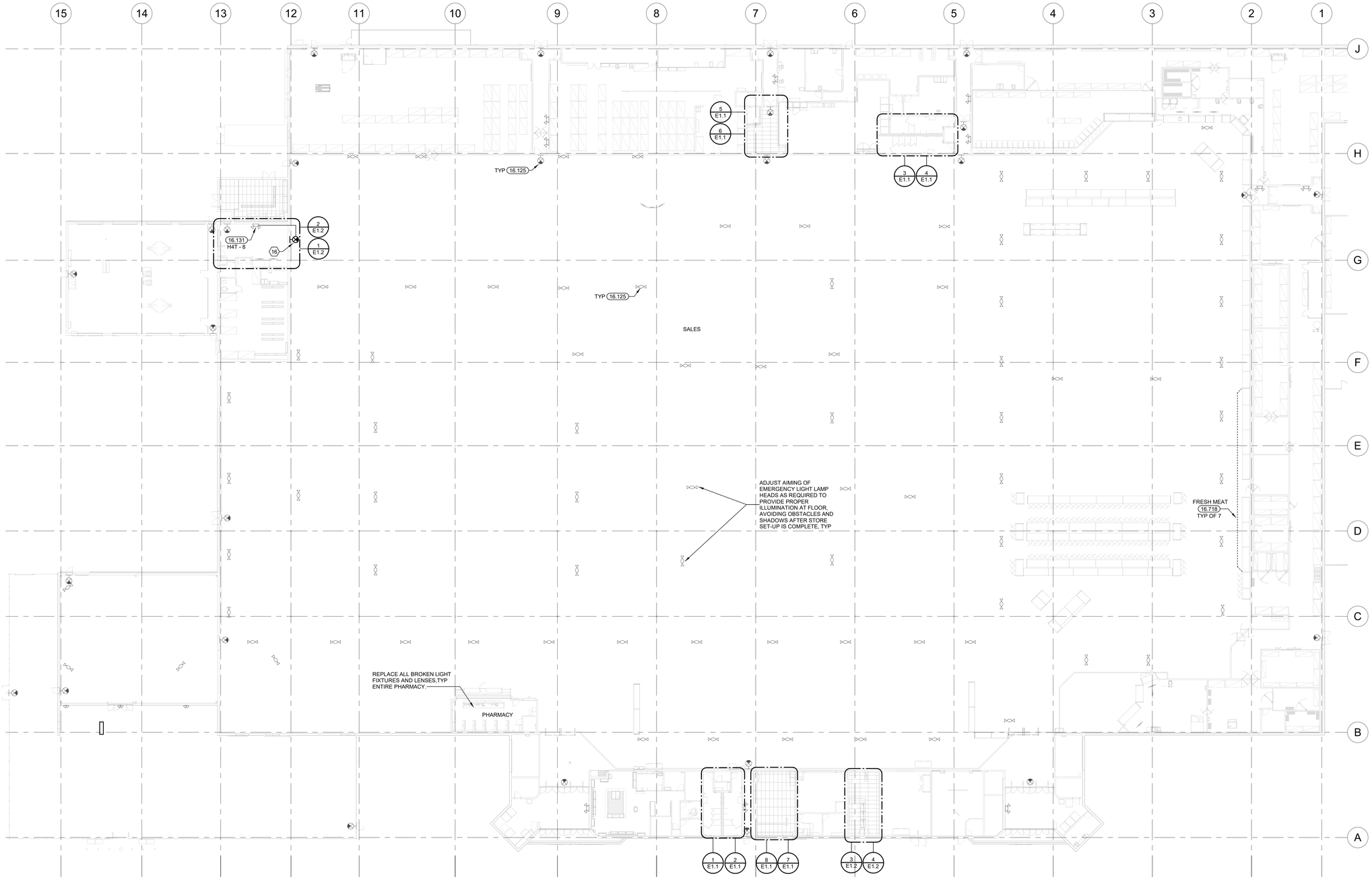
GENERAL LIGHTING NOTES

01.31.20

1. EXIT SIGN MOUNTING
   A. WALL FIXTURE: CENTER 12" ABOVE DOOR OPENING.
   B. CEILING FIXTURE: ON CEILING OR AT HEIGHT SPECIFIED ON DRAWINGS.
   C. PENDANT FIXTURE: MATCH HEIGHT OF EXISTING PENDANT MOUNTED EXIT SIGNS. IF STORE DOES NOT HAVE PENDANT MOUNTED EXIT SIGNS, THEN PENDANT MOUNT SIGN 24" BELOW BOTTOM OF BAR JOIST.
   D. VERIFY MOUNTING HEIGHT WITH AHJ.
   E. COORDINATE LOCATIONS OF EXIT SIGNS TO ENSURE STORE SIGNAGE DOES NOT OBSTRUCT THEIR VIEW.
   F. THE USE OF TRITIUM BASED RADIOACTIVE EXIT SIGNAGE IS PROHIBITED.
2. EMERGENCY LIGHT FIXTURE INSTALLATION
   A. WALL FIXTURE: 12" BELOW FINISHED CEILING OR +10'-0" IN AREAS OF EXPOSED STRUCTURE, UNLESS NOTED OTHERWISE.
   B. PENDANT FIXTURE: BOTTOM CHORD OF BAR JOIST OR AT HEIGHT SPECIFIED ON DRAWINGS.
   C. REMOTE HEAD FIXTURE: HEADS CENTERED ABOVE DOOR OPENING +9'-0", UNLESS NOTED OTHERWISE AND BATTERY PACK MOUNTED ON INTERIOR SIDE OF WALL 12" BELOW FINISHED CEILING OR AT BAR JOIST IN AREAS OF EXPOSED STRUCTURE.
   D. REFER TO MANUFACTURER'S WRITTEN INSTRUCTIONS. ALLOW BATTERY TO CHARGE CONTINUOUSLY FOR A MINIMUM OF 24 HOURS BEFORE INITIAL TESTING.
   E. AFTER EMERGENCY LIGHT HAS BEEN POWERED DO NOT TURN OFF FOR EXTENDED PERIODS OF TIME.
3. EXIT SIGNS, EMERGENCY LIGHTS AND NIGHT LIGHTS SHALL NOT BE SWITCHED.
4. IN AREAS OF OPEN STRUCTURE, MOUNT STRIP FIXTURE TO BOTTOM CHORD OF BAR JOIST, UNLESS NOTED OTHERWISE.
5. PROVIDE SEPARATE BOXES FOR GANGED SWITCHES ON SEPARATE BRANCH CIRCUITS.
6. FIXTURES DENOTED WITH "ABJ" ARE TO BE FASTENED ON UNISTRUT CHANNELS MOUNTED TO THE BOTTOM SIDE OF THE TOP CHORD OF BAR JOISTS. LOCATE THE FIXTURES RUNNING PERPENDICULAR TO BAR JOISTS WITHIN BAR JOISTS WEBBING SPACES. DO NOT FASTEN FIXTURE OR UNISTRUT CHANNELS TO ROOF DECK.

KEYNOTES

16.125	EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.
16.131	CONNECT TO EXISTING CIRCUIT.
16.718	REMOVE EXISTING FLUORESCENT LAMPS, CONNECTORS AND BALLASTS FROM REFRIGERATED CASE AND SHELVES AND REPLACE WITH OWNER FURNISHED LED LIGHTING RETROFIT KIT. INSTALL LED POWER SUPPLY AND LIGHT BARS PER MANUFACTURER'S INSTRUCTIONS.



1 LIGHTING PLAN
1" = 20'-0"

EXISTING LIGHTING FIXTURES NOT SHOWN ARE EXISTING TO REMAIN AND ARE NOT AFFECTED BY THE SCOPE OF WORK ON THIS PROJECT. THIS INCLUDES ALL GENERAL LIGHTING, EGRESS LIGHTING AND EXIT LIGHTING.

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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LIGHTING PLAN

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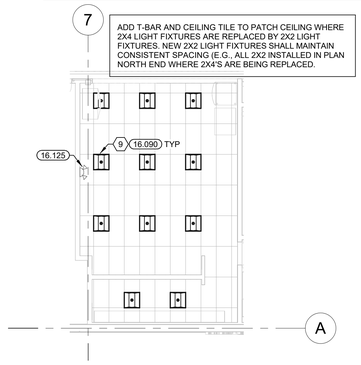
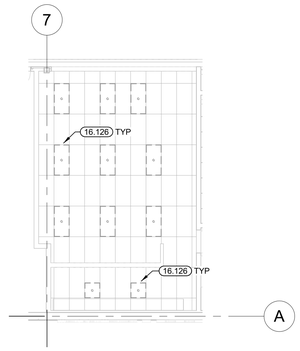
KEYNOTES

16.090	REPLACE EXISTING LIGHT FIXTURES IN THIS AREA WITH TYPE AND QUANTITY INDICATED. INSTALL NEW LIGHT FIXTURE IN SAME LOCATION AS EXISTING LIGHT FIXTURE BEING REPLACED. RECONNECT TO EXISTING CIRCUITRY AND CONTROLS. COORDINATE EXACT LIGHT FIXTURES TO BE REPLACED WITH WALMART CONSTRUCTION MANAGER PRIOR TO PERFORMING WORK.
16.125	EXISTING LIGHT FIXTURES TO REMAIN UNLESS NOTED OTHERWISE.
16.126	EXISTING LIGHT FIXTURE TO BE DEMOLISHED.
16.129	CONNECT TO EXISTING CIRCUIT PREVIOUSLY SERVING AREA LIGHTING THAT WAS REMOVED. MAINTAIN EXISTING CIRCUIT CONTROL UNLESS NOTED OTHERWISE. PROVIDE CONSTANT HOT FOR EMERGENCY EXIT AND LOCALLY CONTROLLED LIGHT FIXTURES.
16.131	CONNECT TO EXISTING CIRCUIT.
16.147	BACKLIT MIRROR 120V/12V LED DRIVER AND RELAY (RIB2402D 277V COIL) INSTALLED ABOVE CEILING. LED DRIVER FURNISHED BY OTHERS, INSTALLED BY EC. RELAY, WIRING AND ALL FINAL CONNECTIONS FURNISHED AND INSTALLED BY EC. ROUTE 120V LED DRIVER CIRCUIT THROUGH RELAY. RELAY COIL SHALL BE CONTROLLED BY EXISTING 277V LIGHTING CONTROL. COORDINATE EXACT LOCATION OF CEILING ACCESS PANEL WITH GC AS REQUIRED.

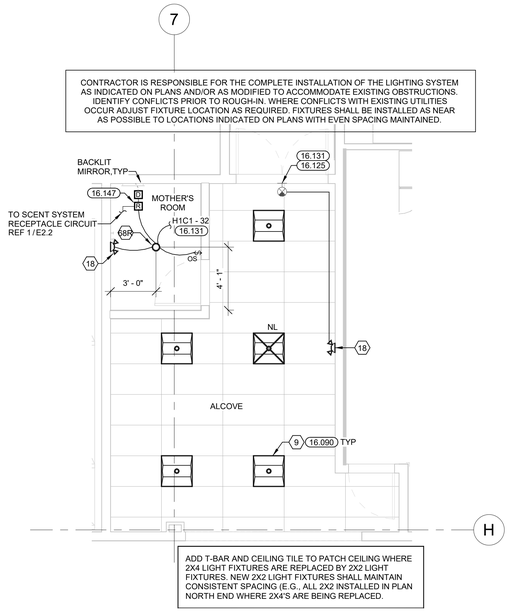
CONTRACTOR IS RESPONSIBLE FOR THE COMPLETE INSTALLATION OF THE LIGHTING SYSTEM AS INDICATED ON PLANS AND/OR AS MODIFIED TO ACCOMMODATE EXISTING OBSTRUCTIONS. IDENTIFY CONFLICTS PRIOR TO ROUGH-IN. WHERE CONFLICTS OCCUR ADJUST FIXTURE LOCATION AS REQUIRED. FIXTURES SHALL BE INSTALLED AS NEAR AS POSSIBLE TO LOCATIONS INDICATED ON PLANS WITH EVEN SPACING MAINTAINED.



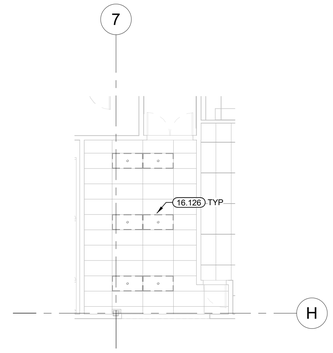
8 CUSTOMER SERVICE LIGHTING PLAN
1/8" = 1'-0"



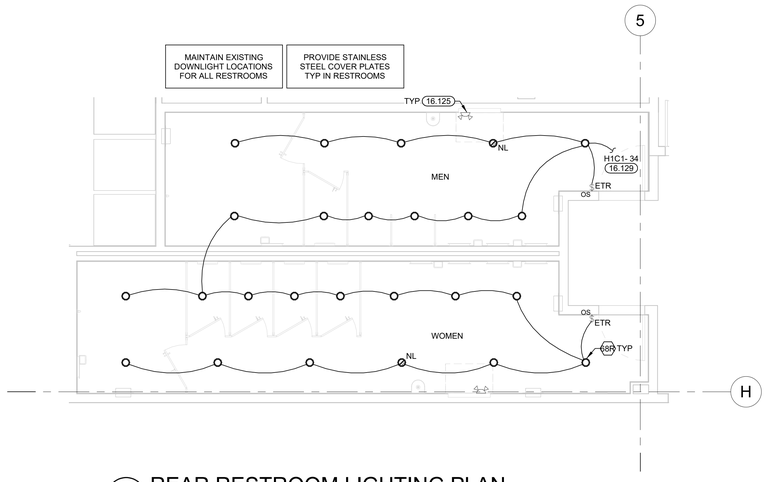
7 CUSTOMER SERVICE LIGHTING DEMO PLAN
1/8" = 1'-0"



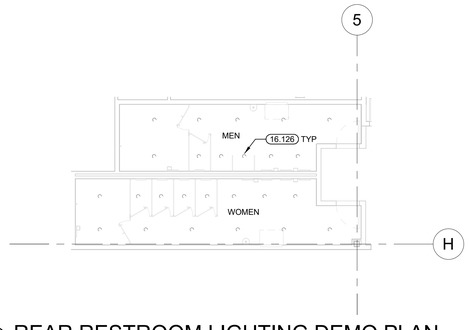
6 MOTHER'S ROOM LIGHTING PLAN
1/4" = 1'-0"



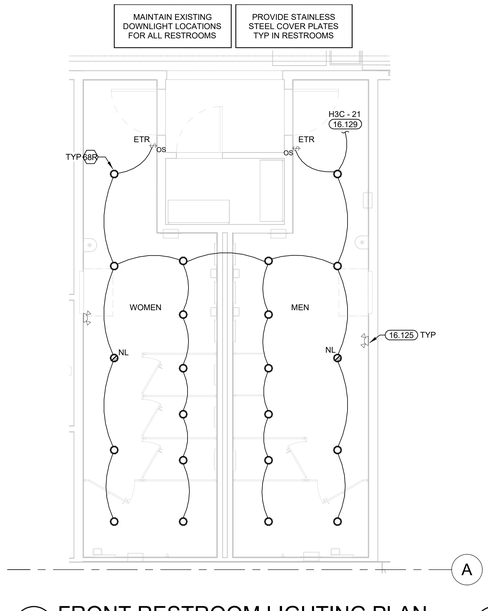
5 MOTHER'S ROOM LIGHTING DEMO PLAN
1/8" = 1'-0"



4 REAR RESTROOM LIGHTING PLAN
1/4" = 1'-0"



3 REAR RESTROOM LIGHTING DEMO PLAN
1/8" = 1'-0"



2 FRONT RESTROOM LIGHTING PLAN
1/4" = 1'-0"

1 FRONT RESTROOM LIGHTING DEMO PLAN
1/8" = 1'-0"

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Architect
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ENLARGED LIGHTING PLANS

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KEYNOTES

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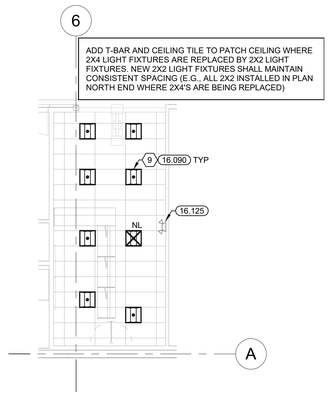
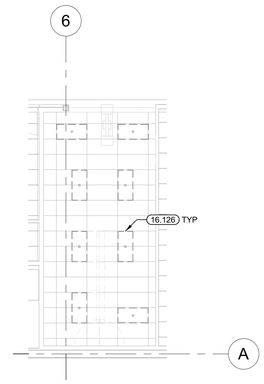
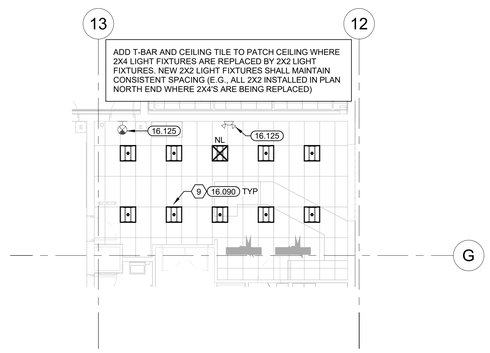


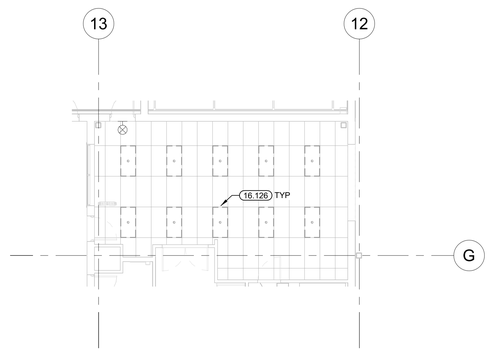
4 MONEY CENTER LIGHTING PLAN
1/8" = 1'-0"



3 MONEY CENTER LIGHTING DEMO PLAN
1/8" = 1'-0"



2 AUTOCARE CENTER CUSTOMER VIEWABLE LIGHTING PLAN
1/8" = 1'-0"



1 AUTOCARE CENTER LIGHTING DEMO PLAN
1/8" = 1'-0"

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ENLARGED LIGHTING PLANS

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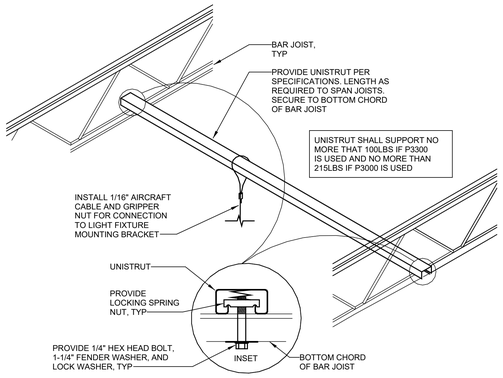
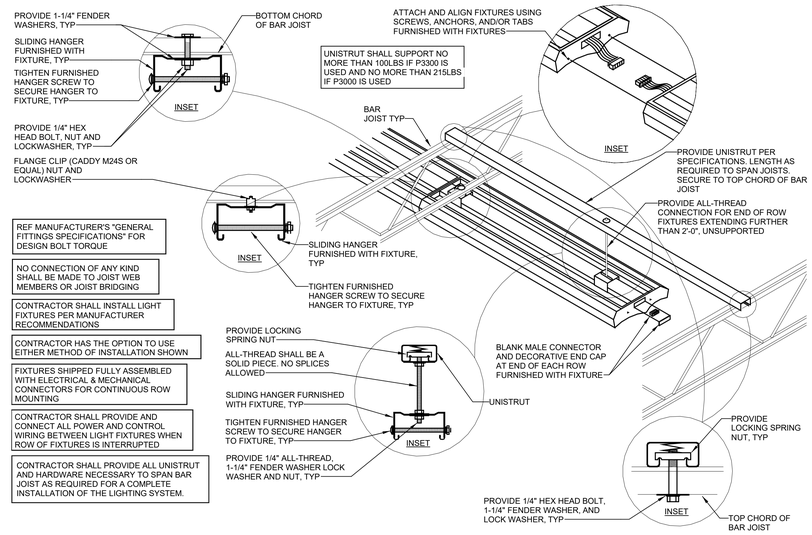
LIGHT FIXTURE SCHEDULE

"OW" FIXTURES AND LAMPS ARE FURNISHED BY THE OWNER FOR INSTALLATION BY THE CONTRACTOR. "GC" FIXTURES AND LAMPS ARE FURNISHED AND INSTALLED BY THE CONTRACTOR.

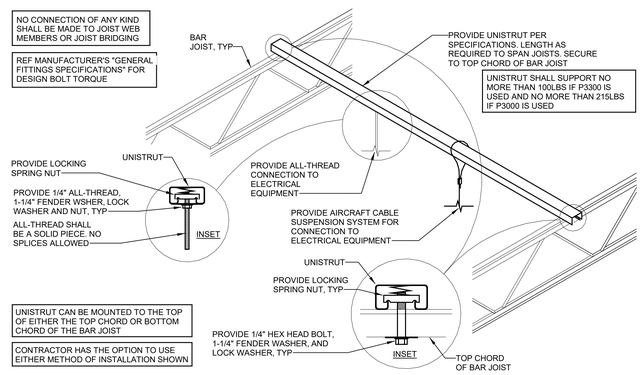
TYPE	SUPPLIED BY	DESCRIPTION	VENDOR/MFR	MODEL	VOLTAGE	INPUT VA	COLOR TEMP	LIGHT SOURCE	LAMP QTY	MOUNTING	COUNT
9	OW	2' x 2' VOLUMETRIC TROFFER	LOEB ELECTRIC CO	2BLT2 40L ADSM GZ1 LP840	120/277	32 VA	4000K	INTEGRAL LED	-	RECESSED	34
16	OW	EXIT SIGN (SINGLE FACE)	ACUITY BRANDS LIGHTING INC	RED: LQM S W 1 R 120/277 EL N SD90 M6 GREEN: LQM S W 1 G 120/277 EL N SD90 M6	120/277	4 VA	-	INTEGRAL LED	-	WALL	1
18	OW	EMERGENCY LIGHT	REXEL INC	EVHC6IDP-WM	120/277	3 VA	-	INTEGRAL LED	-	WALL / CEILING	2
48	OW	PENDANT	REXEL INC	MLCP-DVD-206340CD-NN-M5L1-BK	120/277	48 VA	4000K	INTEGRAL LED	-	PENDANT	2
68R	OW	CIRCULAR RECESSED DOWNLIGHT	ACUITY BRANDS LIGHTING INC	LBR6 07LM 40K AR LSS MWD MVOLT UGZ	120/277	8 VA	4000K	INTEGRAL LED	-	RECESSED	48



3 SUSPENDED LIGHTING CONNECTIONS TO STRUCTURE
NTS 09/27/19



2 SALES FLOOR LIGHTING
NTS 07/27/18



1 GENERAL ELECTRICAL CONNECTIONS TO STRUCTURE
NTS 07/27/18

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LIGHTING DETAILS AND SCHEDULES

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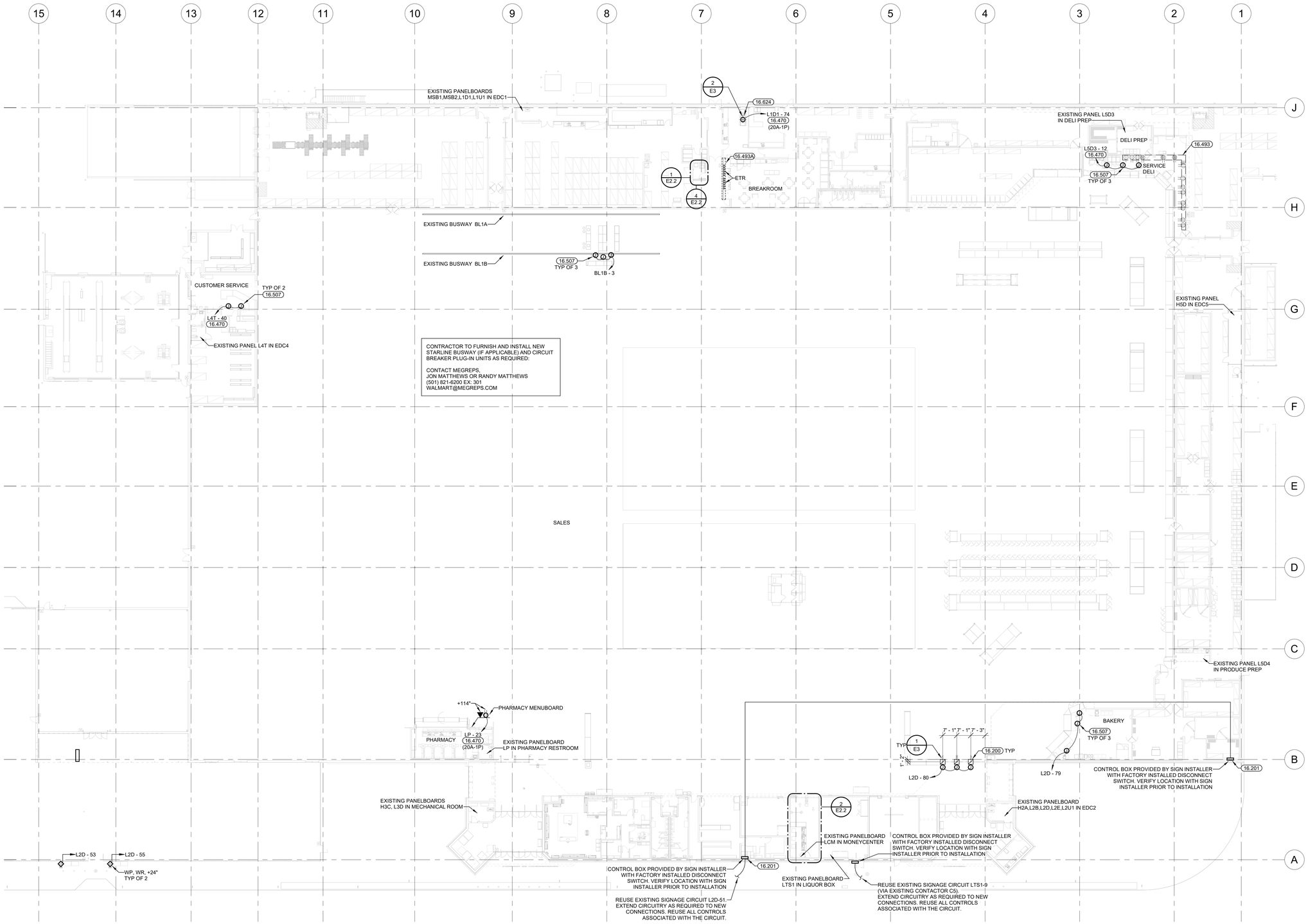

1 POWER PLAN
1" = 20'-0"

GENERAL POWER NOTES

07.26.19

1. TELEPOWER POLE(S); MOUNT JUNCTION BOX(ES) TO TOP SIDE OF BOTTOM CHORD OF BAR JOIST. INSTALL FURNISHED POWER POLE AND TERMINATE WIRING TO JUNCTION BOX. PROVIDE UNISTRUT SUPPORTS AND HARDWARE TO SECURE TELEPOWER POLE PLUMB TO BUILDING STRUCTURE. REF POWER POLE CONNECTION DETAIL.
2. PROVIDE LIQUID-TIGHT FLEXIBLE METAL CONDUIT AND WIRING FROM DISCONNECT SWITCH OR JUNCTION BOX TO EQUIPMENT KNOCKOUT OR ELECTRICAL CONNECTION POINT.
3. WHERE EQUIPMENT NAMEPLATE PROTECTIVE DEVICE RATING DIFFERS FROM SIZE PROVIDED, NOTIFY WALMART CONSTRUCTION MANAGER IMMEDIATELY TO COORDINATE RESOLUTION.
4. ELECTRONIC FIRE PROTECTION/SECURITY ALARM BOXES AND CONDUITS SHOWN ON POWER PLANS SHALL BE PROVIDED UNDER THIS CONTRACT. IN ADDITION, UNLESS NOTED OTHERWISE, THE FOLLOWING GENERAL NOTES APPLY:
   A. ALL ALARM JUNCTION BOXES SHALL BE 4"X4"X2-1/8" MINIMUM.
   B. ALARM RACEWAYS SHALL BE 3/4" MINIMUM WITH PULL WIRE AND INSULATING BUSHINGS AT END OF VERTICAL RACEWAY RUN.
   C. VERTICAL RACEWAYS FROM ALARM BOXES SHALL BE EITHER CONCEALED INSIDE WALL OR SURFACE MOUNTED (TO MATCH JUNCTION BOX MOUNTING). ALL VERTICAL RUNS SHALL BE TURNED 90-DEGREES AT TOP SIDE OF BOTTOM CHORD OF BAR JOIST AND EXTENDED HORIZONTALLY TO A LOCATION ACCESSIBLE BY VERTICAL FLOOR TYPE LIFT.
5. UPON COMPLETION OF ELECTRICAL INSTALLATION AND PRIOR TO ENERGIZING CIRCUIT:
   A. INSPECT WIRE AND CABLE FOR PHYSICAL DAMAGE.
   B. PERFORM CONTINUITY TEST.
   C. VERIFY PROPER PHASING CONNECTION TO ALL THREE PHASE MOTOR LOADS.

KEYNOTES

16.200 INSTALL OWNER FURNISHED BLANK POWER POLE ON SALES FLOOR SIDE OF GATE SUCH THAT GATE OPERATION IS NOT OBSTRUCTED. ORIENT POLE SUCH THAT MOUSE HOLE IS FACING GATE POST. ROUTE FLEXIBLE METALLIC CONDUIT THROUGH POWER POLE AND PROVIDE DIRECT CONNECTION TO GATE POST(S). DO NOT ROUTE METALLIC CONDUIT ON FLOOR. INSTALL FURNISHED 2 PIN AND 6 PIN CROSSLINK CABLES FOR EACH GATE PAIR TO ENSURE SIMULTANEOUS OPERATION. UTILIZE CABLE DUCT AND POWER POLES TO ROUTE CROSSLINK CABLES.

16.201 EXTERIOR SIGN POWER: WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR BELOW ROOF LINE, ROUTE POWER TO WALL AT SIGN CONTROL BOX(ES). WHERE ELECTRICAL CONNECTIONS FOR SIGNAGE OCCUR ABOVE ROOF LINE, PROVIDE UNISTRUT TO MOUNT CONTROL BOX(ES) TO BACK SIDE OF PARAPET. LOW VOLTAGE WIRING FROM CONTROL BOX(ES) TO SIGN PROVIDED AND INSTALLED BY OTHERS. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT SIGN LOCATION(S) PRIOR TO INSTALLATION. PROVIDE ONLY ONE PENETRATION THROUGH THE ROOF. REF ARCHITECTURAL EXTERIOR WALL SECTIONS AND SIGN ATTACHMENT FOR ROOF AND PARAPET PENETRATION REQUIREMENTS.

16.470 FURNISH AND INSTALL NEW 20 AMP, 120 VOLT CIRCUIT(S). FEED FROM PANELBOARD AS INDICATED. PROVIDE 20A-1P CIRCUIT BREAKER IF NEEDED. E.C. SHALL MATCH MANUFACTURER, TYPE AND AIC RATINGS OF EXISTING CIRCUIT BREAKERS.

16.493 WALL FINISH TO BE REPLACED. REMOVE AND REINSTALL ELECTRICAL DEVICES AND VOICE/DATA OUTLETS AS REQUIRED FOR INSTALLATION OF NEW WALL FINISH. UTILIZE UL LISTED BOX EXTENDERS AS REQUIRED TO ENSURE COMPLIANT INSTALLATION. RECEPTACLES SHALL BE REPLACED WITH NEW GRAY GFCI DEVICES. PROVIDE NEW STAINLESS STEEL COVERPLATES FOR ELECTRICAL AND VOICE/DATA DEVICES. IF SURFACE MOUNTED CONDUIT/DEVICES ARE ENCOUNTERED REPLACE WITH CONCEALED CONDUIT AND RECESSED DEVICES.

16.493A WALL FINISH TO BE REPLACED. REMOVE AND REINSTALL ELECTRICAL DEVICES AND VOICE/DATA OUTLETS AS REQUIRED FOR INSTALLATION OF NEW WALL FINISH. UTILIZE UL LISTED BOX EXTENDERS AS REQUIRED TO ENSURE COMPLIANT INSTALLATION. RECEPTACLES SHALL BE REPLACED WITH NEW WHITE DEVICES. PROVIDE NEW WHITE COVERPLATES FOR ELECTRICAL AND VOICE/DATA DEVICES. IF SURFACE MOUNTED CONDUIT/DEVICES ARE ENCOUNTERED REPLACE WITH CONCEALED CONDUIT AND FLUSH MOUNTED DEVICES TO SLAT WALL BACKING BOARD.

16.507 DIGITAL DISPLAYS: MOUNT JUNCTION BOX AT STRUCTURE. AFTER INSTALLATION OF DROP POLE AND DISPLAY MOUNTING BRACKET, EXTEND CONDUCTORS IN ½" FLEXIBLE METAL CONDUIT, ROUTED INSIDE DROP POLE, TO DISPLAY MOUNTING BRACKET. PROVIDE 120V, 20A DUPLEX RECEPTACLE ON REAR OF DISPLAY MOUNTING BRACKET AND MAKE FINAL TERMINATIONS. COORDINATE DISPLAY LOCATIONS WITH STORE SETUP SUPERVISOR.

16.624 FURNISH AND INSTALL RACK MOUNTED PDU TRIPP LITE MODEL# PDU1220T OR EQUAL. COORDINATE CEILING RECEPTACLE AND PDU LOCATION WITH WALMART SECURITY MANAGER DURING PRE-CONSTRUCTION. ALL WORK SHALL BE COMPLETED AND AVAILABLE FOR SOUND SYSTEM INSTALLATION NO LATER THAN 21 DAYS FROM CONSTRUCTION START DATE. SOUND SYSTEM EQUIPMENT BY OTHERS.

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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POWER PLAN

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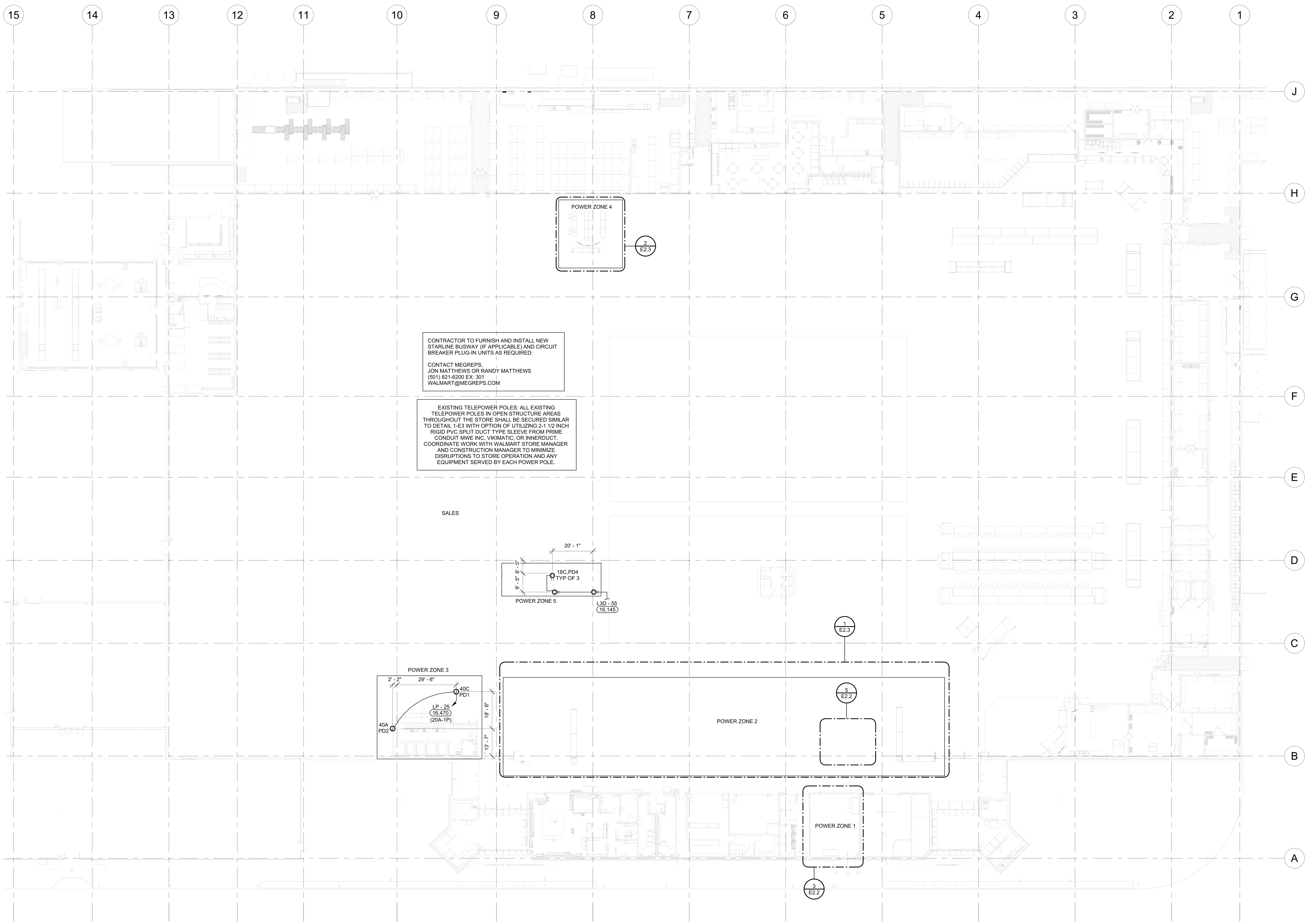

CONTRACTOR TO FURNISH AND INSTALL NEW STARLINE BUSWAY (IF APPLICABLE) AND CIRCUIT BREAKER PLUG-IN UNITS AS REQUIRED:

CONTACT MEGREPS,
JON MATTHEWS OR RANDY MATTHEWS
(501) 821-6200 EX: 301
WALMART@MEGREPS.COM

EXISTING TELEPOWER POLES: ALL EXISTING TELEPOWER POLES IN OPEN STRUCTURE AREAS THROUGHOUT THE STORE SHALL BE SECURED SIMILAR TO DETAIL 1-E3 WITH OPTION OF UTILIZING 2-1 1/2 INCH RIGID PVC SPLIT DUCT TYPE SLEEVE FROM PRIME CONDUIT MWE INC, VIKIMATIC, OR INNERDUCT. COORDINATE WORK WITH WALMART STORE MANAGER AND CONSTRUCTION MANAGER TO MINIMIZE DISRUPTIONS TO STORE OPERATION AND ANY EQUIPMENT SERVED BY EACH POWER POLE.

1 POWER DROP PLAN
1" = 20'-0"

POWER DROP SCHEDULE

07.28.17

NO.	DESCRIPTION
PD1	MOUNT RECEPTACLE(S) ON TOP OF DISPLAY UNIT(S)
PD2	MOUNT RECEPTACLE(S) 6" ABOVE BASE OF DISPLAY ON UNIT(S) SO THAT RECEPTACLE(S) AND CONDUIT DO NOT INTERFERE WITH SHELF HEIGHT ADJUSTMENTS
PD3	PROVIDE DIRECT CONNECTION TO EQUIPMENT
PD4	OPEN STRUCTURE: MOUNT RECEPTACLE AT BAR JOIST AND INSTALL FURNISHED CORD REEL. LAY-IN CEILING: PROVIDE RECESSED CEILING RECEPTACLE AND INSTALL FURNISHED CORD REEL BELOW CEILING. CORD REEL SHALL BE MOUNTED TO CEILING FAN RATED JUNCTION BOX SECURED TO LAY-IN CEILING WITH T-BAR BOX HANGER. PROVIDE 1/2" THREADED STEEL ROD FROM JUNCTION BOX TO BOTTOM OF STRUCTURAL JOIST OR CHANNEL STRUT BRIDGING ABOVE FOR SUPPORT.

POWER DROP NOTES

09.25.20

1. POWER DROPS WILL BE IDENTIFIED BY AN IPTV TAG OR POWER TAG, I.E. 44A, 46E, ETC. ALL CHECKOUT POWER SHALL BE CONSIDERED POWER DROPS.
2. A REVISION OF THIS PLAN BASED ON THE FINAL MERCHANDISE LAYOUT MAY BE ISSUED TO SHOW FINAL LOCATIONS FOR THE POWER DROPS. IF THE MERCHANDISE PLAN DOES NOT CHANGE, THIS PLAN WILL NOT BE REISSUED. PROVIDE CIRCUITRY TO DISPLAY RACKS AS THE RACKS ARE SET. IN ADDITION, THE FOLLOWING POWER DROP NOTES APPLY:
   A. THERE WILL BE NO ADDITIONAL CHARGE FOR DROP RELOCATION WITHIN POWER DROP ZONES DEFINED ON DRAWING.
   B. AT CLOSE OF PROJECT THE GENERAL CONTRACTOR AND CONSTRUCTION MANAGER SHALL REVIEW ADDITIONAL OR DELETED POWER DROPS WITHIN EACH ZONE TO VERIFY ANY ADDITIONAL CHARGES OR CREDITS THAT APPLY DUE TO CHANGES.
   C. ADDING OR SUBTRACTING A POWER DROP TO ANY ZONE WILL RESULT IN A CHARGE OR CREDIT ACCORDING TO SPECIAL CONDITIONS.
3. PROVIDE JUNCTION BOX AND CIRCUITRY TO NEAREST JOIST ABOVE LOCATION SHOWN ON DRAWING. EXTEND CONDUIT AND CIRCUITRY FROM JUNCTION BOX TO ENDCAP OF DISPLAY RACK.
4. WHEN EXPOSED VERTICAL CONDUIT FROM STRUCTURAL CONNECTION TO GONDOLA/EQUIPMENT EXCEEDS 10 FEET, INTERMEDIATE METALLIC CONDUIT (IMC) SHALL BE USED IN LIEU OF ELECTRICAL METALLIC CONDUIT (EMT). THE IMC CONDUIT AND COUPLINGS SHALL BE THREADED AND BE SECURELY FASTENED AT THE GONDOLA/EQUIPMENT AND AT STRUCTURE.
5. PROVIDE CONDUIT, RECEPTACLE(S) AND FINAL CONNECTIONS AT DISPLAY RACK SHELVING PER POWER DROP SCHEDULE UNLESS NOTED OTHERWISE ON DRAWING. VERIFY EXACT HEIGHT AND LOCATION OF RECEPTACLE(S) WITH STORE PLANNING SET-UP SUPERVISOR PRIOR TO INSTALLATION.
6. POWER DROPS FED FROM TRACK BUSWAY: INSTALL PLUG-IN UNIT AT A POINT ON TRACK BUSWAY NEAREST POWER DROP(S).

KEYNOTES

16.145	CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE, RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE, AND ALL U.L. RATINGS AND REPLACE AS REQUIRED.
16.470	FURNISH AND INSTALL NEW 20 AMP, 120 VOLT CIRCUIT(S). FEED FROM PANELBOARD AS INDICATED. PROVIDE 20A-1P CIRCUIT BREAKER IF NEEDED. E.C. SHALL MATCH MANUFACTURER, TYPE AND AIC RATINGS OF EXISTING CIRCUIT BREAKERS.

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STATE OF FLORIDA
PROFESSIONAL ENGINEER
11/22/21

POWER DROP PLAN

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E2.1

11/19/2021 11:30:34 AM
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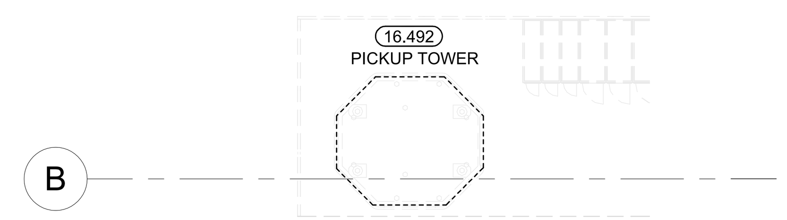
KEYNOTES

16.131 CONNECT TO EXISTING CIRCUIT.

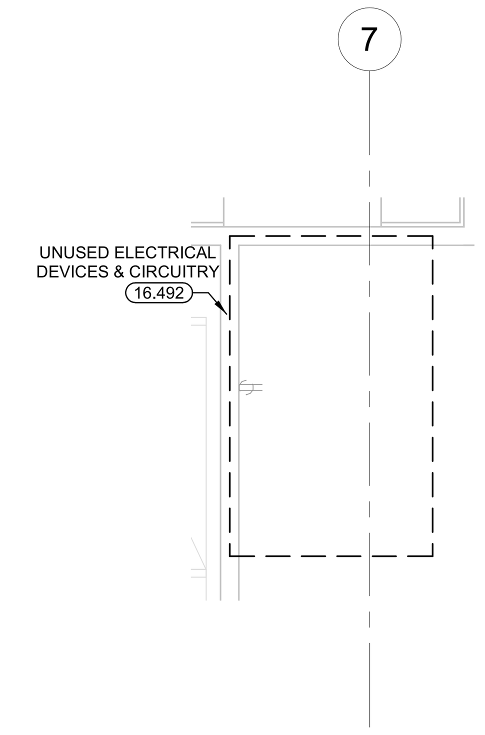
16.145 CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE, RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE, AND ALL U.L. RATINGS AND REPLACE AS REQUIRED.

16.492 E.C. SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL DEMOLITION PLANS THE EXTENT OF ELECTRICAL DEMOLITION. REMOVE UNUSED DEVICES, BOXES, CONDUITS, AND WIRING BACK TO ORIGINATING JUNCTION BOXES OR PANELBOARDS. REFERENCE POWER PLANS FOR CIRCUITRY TO BE REUSED. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. IF CIRCUIT IS DEMOLISHED ALL THE WAY TO PANELBOARD, REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. UPDATE TYPEWRITTEN CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE". COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS PRIOR TO BID.

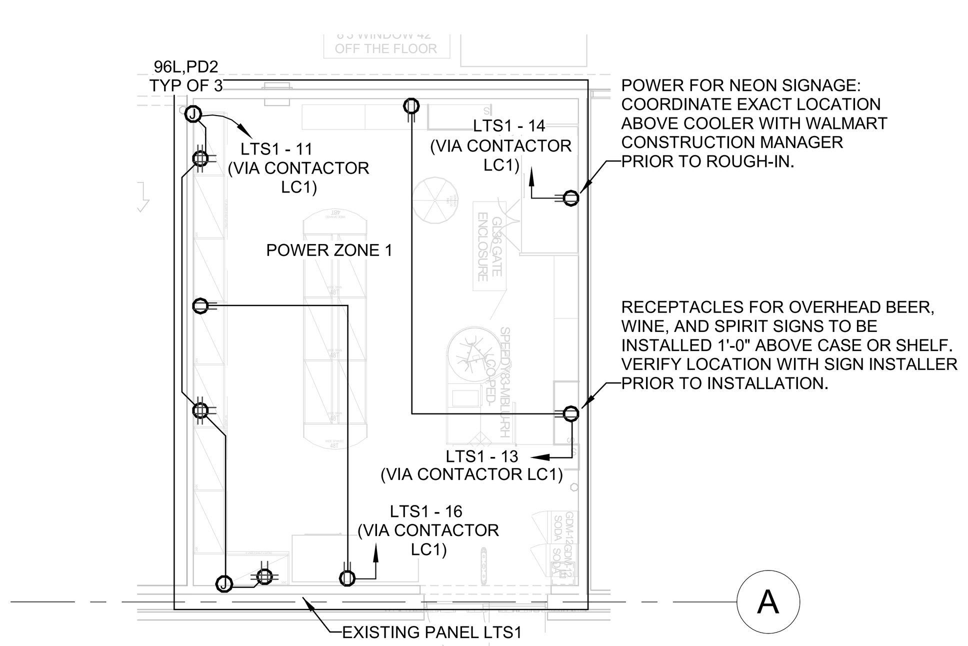
16.619 PROVIDE RECESSED ALARM JUNCTION BOX IN CEILING WITH 4"x4"x1-1/2" EXTENSION RING WITH RACEWAY ROUTED TO NEAREST ACCESSIBLE CEILING SPACE.



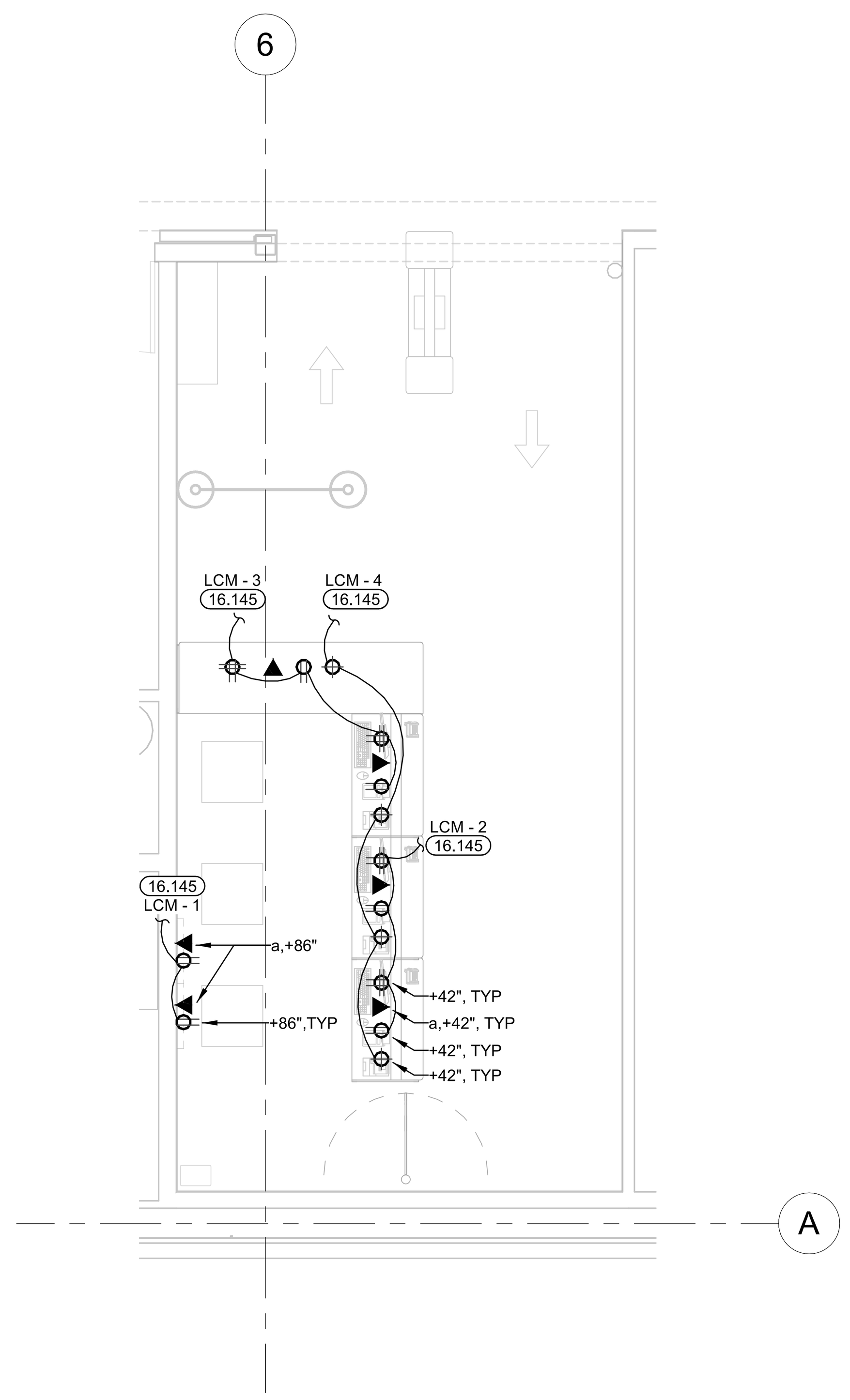
5 PICKUP TOWER DEMO PLAN
1/8" = 1'-0"



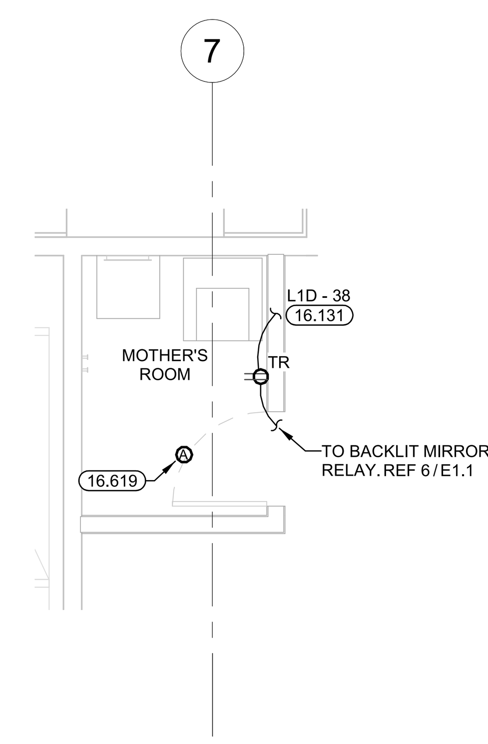
4 MOTHER'S ROOM POWER DEMO PLAN
1/4" = 1'-0"



3 LIQUOR BOX POWER PLAN
1/8" = 1'-0"



2 MONEYCENTER POWER PLAN
1/4" = 1'-0"



1 MOTHER'S ROOM POWER PLAN
1/4" = 1'-0"

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ENLARGED POWER PLANS

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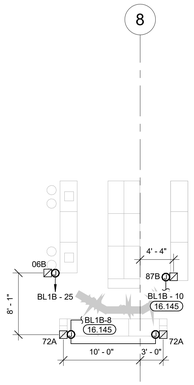
KEYNOTES

16.032 CONNECT TO POWER POLE ORANGE TWIST-LOCK.

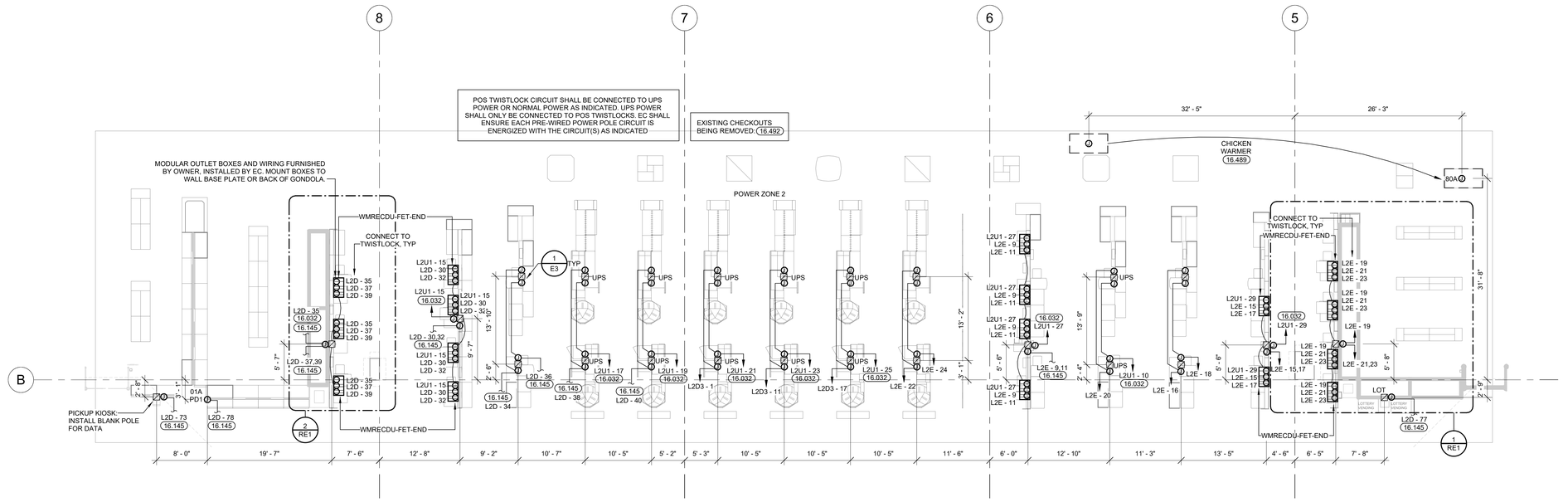
16.145 CONNECT CIRCUIT(S) TO EXISTING BRANCH CIRCUITRY. MINIMUM WIRE SIZE AND PANELBOARD CIRCUIT ARE NOTED. VERIFY SIZE, RATING AND CONDITION OF EXISTING BRANCH CIRCUIT CONDUIT AND WIRE PRIOR TO USE TO ENSURE THAT THEY MEET REQUIRED SIZE, AND ALL U.L. RATINGS AND REPLACE AS REQUIRED.

16.489 RELOCATE, EXTEND, AND RECONNECT CIRCUITRY AND ELECTRICAL DEVICES FOR RELOCATED AND/OR NEW EQUIPMENT. VERIFY CONDITION OF BRANCH CIRCUITRY, CONDUIT AND WIRE TO ENSURE THEY MEET ALL U.L. RATINGS AND REPLACE AS REQUIRED. VERIFY FINAL LOCATION OF RELOCATED/NEW EQUIPMENT WITH WALMART CONSTRUCTION MANAGER PRIOR TO ROUGH-IN.

16.492 E.C. SHALL COORDINATE WITH GENERAL CONTRACTOR AND ARCHITECTURAL DEMOLITION PLANS THE EXTENT OF ELECTRICAL DEMOLITION. REMOVE UNUSED DEVICES, BOXES, CONDUITS, AND WIRING BACK TO ORIGINATING JUNCTION BOXES OR PANELBOARDS. REFERENCE POWER PLANS FOR CIRCUITRY TO BE REUSED. DEMOLITION SHALL NOT AFFECT ACTIVE CIRCUITS. IF CIRCUIT IS DEMOLISHED ALL THE WAY TO PANELBOARD, REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. UPDATE TYPEWRITTEN CIRCUIT DIRECTORY IDENTIFYING CIRCUIT AS "SPACE". COORDINATE EXACT REQUIREMENTS WITH EXISTING CONDITIONS PRIOR TO BID.



2 ELECTRONICS POWER PLAN
1/8" = 1'-0"



1 FRONT CHECKOUT POWER PLAN
1/8" = 1'-0"

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JAISON PRADEEP MORAS LICENSE No 76917 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/22/21

ENLARGED POWER PLANS

SHEET: E2.3

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ELECTRICAL SYMBOLS LEGEND

04.24.20

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

SYMBOL	DESCRIPTION
	LIGHT FIXTURE (WALL MOUNTED/CEILING MOUNTED)
	LIGHT FIXTURE
	LIGHT FIXTURE, NIGHT LIGHT
	VOLUMETRIC LIGHT FIXTURE
	TRACK LIGHTING
	EXIT FIXTURE (WALL MOUNTED/CEILING MOUNTED)
	EMERGENCY LIGHT (WALL MOUNTED/CEILING MOUNTED)
	EMERGENCY LIGHT REMOTE HEADS (WALL MOUNTED/CEILING MOUNTED)
$	SINGLE POLE SWITCH
$3	3-WAY SWITCH
$4	4-WAY SWITCH
$K	KEYED SWITCH
$D	DIMMER SWITCH
$VS	VARIABLE SPEED SWITCH
$M	MANUAL MOTOR SWITCH
$OS	SINGLE POLE OCCUPANCY SENSOR SWITCH
$OS2	DOUBLE POLE OCCUPANCY SENSOR SWITCH
OS	CEILING MOUNTED OCCUPANCY SENSOR SWITCH, FOUR-DIRECTION SENSING
OS	WALL MOUNTED OCCUPANCY SENSOR SWITCH, ONE-DIRECTION SENSING
	RECEPTACLE, DUPLEX
	RECEPTACLE, DUPLEX, MOUNTED HORIZONTALLY
	RECEPTACLE, GFI
	RECEPTACLE, DUPLEX FLUSH FLOOR
	RECEPTACLE, DUPLEX ISOLATED GROUND FLUSH FLOOR
	RECEPTACLE, DOUBLE DUPLEX
	RECEPTACLE, DUPLEX ISOLATED GROUND
	RECEPTACLE, DOUBLE DUPLEX, ISOLATED GROUND
	RECEPTACLE, SIMPLEX TWIST LOCK, L5-15R, UNO
	RECEPTACLE, SIMPLEX TWIST LOCK, ISOLATED GROUND, L5-15R, UNO
	RECEPTACLE, DUPLEX TWIST LOCK, L5-15R, UNO
	RECEPTACLE, DUPLEX TWIST LOCK, ISOLATED GROUND, L5-15R, UNO
	RECEPTACLE, SPECIAL
	RECEPTACLE, SIMPLEX
	RECEPTACLE, PLUG-MOLD
J	JUNCTION BOX (WALL MOUNTED/CEILING MOUNTED)
T	THERMOSTAT (WALL MOUNTED/CEILING MOUNTED)
A	ALARM JUNCTION BOX, (WALL MOUNTED/CEILING MOUNTED)
R	ALARM JUNCTION BOX, FOR REMOTE TEST/RESET (WALL MOUNTED/CEILING MOUNTED)
S	SMOKE DETECTOR
	NON-FUSED DISCONNECT
	FUSED DISCONNECT
	EQUIPMENT CONNECTION POINT (PROVIDED WITH EQUIPMENT)
	CIRCUIT, CONCEALED IN WALLS OR CEILING, E INDICATES EXISTING WIRING
	CIRCUIT, CONCEALED IN SLAB FLOOR, E INDICATES EXISTING WIRING
	CIRCUIT, EXPOSED, E INDICATES EXISTING WIRING
	LOW VOLTAGE WIRING
	CONDUIT SLEEVE
	FLUSH MOUNTED PANELBOARD
	SURFACE MOUNTED PANELBOARD
	TELEPHONE / DATA BOX FOR ISD
	LOW VOLTAGE CABLE BOX FOR OTHER
	TELEPHONE, FLUSH FLOOR
	MOTOR
	TELEPOWER POLE
	PUSH BUTTON
B	BUZZER
SS	SAIL SWITCH JUNCTION BOX
	HORN / STROBE
DH	DOOR HOLD OPEN
TC	TIME CLOCK

ABBREVIATIONS

a, b, c	LOWER CASE LETTERS INDICATE SWITCHING CONFIGURATION
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
C	CONDUIT
CCT	CIRCUIT
CF	CEILING FAN
CW	CASH WRAP
EC	ELECTRICAL CONTRACTOR
EF	EXHAUST FAN
ETR	EXISTING TO REMAIN
EWC	ELECTRIC WATER COOLER
G	GROUND
GC	GENERAL CONTRACTOR
GFEP	GROUND FAULT EQUIPMENT PROTECTION
GFI	GROUND FAULT CIRCUIT INTERRUPTER
HD	HAND DRYER
IG	ISOLATED GROUND
LCU	LIGHTING CONTROL UNIT
NL	NIGHT LIGHT
NTS	NOT TO SCALE
REC	REFRIGERATION ELECTRICAL CONTRACTOR
RC	REFRIGERATION CONTRACTOR
RH	RADIANT HEATER
SC	SECURITY CAMERA
TR	TAMPER RESISTANT
TYP	TYPICAL
UH	UNIT HEATER
UNO	UNLESS NOTED OTHERWISE
WH	WATER HEATER
WP	WEATHER PROOF
WR	WEATHER RESISTANT

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VOICE/DATA ROUGH-IN SCHEDULE

09.27.19

DROP	ROUGH-IN NOTES:
▼a	FLUSH MOUNT JUNCTION BOX AT +20" (UNO) WITH (1) 3/4" CONDUIT STUBBED 12" ABOVE LAY-IN CEILING.
▼b	FLUSH MOUNT JUNCTION BOX AT +20" (UNO) WITH (1) 3/4" CONDUIT ROUTED TO NEAREST ACCESSIBLE CEILING SPACE.
▼c	SURFACE MOUNT JUNCTION BOX AT +66" (UNO) WITH (1) 3/4" CONDUIT STUBBED TO ACCESSIBLE CEILING SPACE.

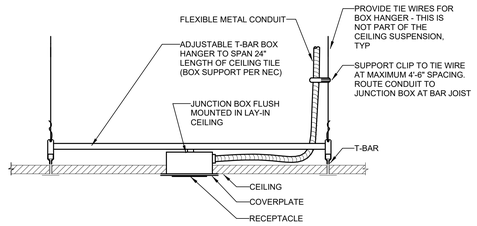
SCHEDULE GENERAL NOTES:

1. ALL JUNCTION BOXES SHALL BE DOUBLE GANG WITH SINGLE GANG PLASTER RING UNLESS NOTED OTHERWISE ON SCHEDULE.
2. ALL JUNCTION BOXES TO BE ROUGHED IN AT SCHEDULED HEIGHT UNLESS NOTED OTHERWISE ON DRAWINGS.
3. ALL CONDUITS SHALL BE TERMINATED WITH BUSHINGS.
4. PROVIDE PULL WIRE WITH EACH EMPTY RACEWAY (JUNCTION BOX/CONDUIT) INSTALLED.
5. CONDUIT RUNS SHALL HAVE NO MORE THAN 90 DEGREES OF TRANSITION BETWEEN PULL BOXES.
6. WHERE CONDUIT(S) TRAVERSE AREAS WITH CEILINGS OPEN TO STRUCTURE, CONDUIT(S) SHALL BE CONCEALED AS WELL AS POSSIBLE FROM VIEW FROM CUSTOMER AREA.
7. FOR CONDUIT RUNS SCHEDULED WITH 1-1/2" OR LARGER CONDUIT UTILIZE LARGE RADIUS SWEEPS AT POINTS OF TRANSITION.
8. ACCESSIBLE CEILING SPACE SHALL BE CONSIDERED 12 INCHES ABOVE A LAY-IN CEILING OR ABOVE BAR JOIST ACCESSIBLE BY A SCISSOR LIFT FOR AREAS OPEN TO STRUCTURE.

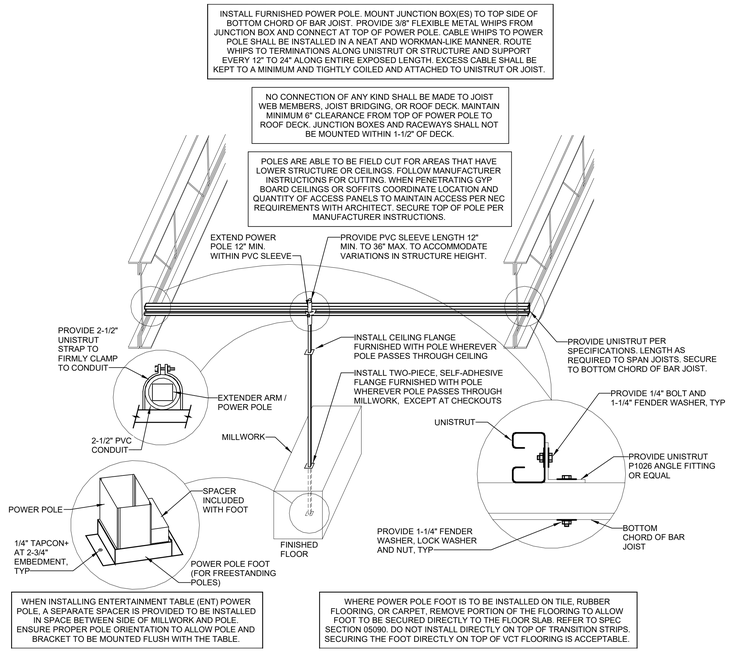
GENERAL NOTES

08.28.20

1. FURNISH AND INSTALL ALL MATERIALS, EQUIPMENT, AND LABOR, FOR A COMPLETE INSTALLATION IN ALL RESPECTS, READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH NEC, NESC, STATE, AND LOCAL CODES, AND MANUFACTURER'S RECOMMENDATIONS. PAY ALL NECESSARY FEES AND PERMITS.
   A. NO CIRCUITRY SHALL BE ALLOWED TO BE ROUTED ACROSS THE ROOF OR THE EXTERIOR SIDE OF THE EXTERIOR WALLS.
   B. ALL EQUIPMENT SHALL BE UL LISTED WHERE APPLICABLE.
   C. ARRANGE ALL WORK TO MINIMIZE DISRUPTIONS TO STORE OPERATIONS. COORDINATE ALL DISRUPTIONS WITH WALMART CONSTRUCTION MANAGER AND STORE MANAGER.
   D. CONTRACTOR SHALL VERIFY ALL WALL FINISH THICKNESS BEFORE INSTALLING BOXES. FURNISH AND INSTALL EXTENDED BOXES OR BOX EXTENDERS WHERE REQUIRED.
   E. CONTRACTOR SHALL VERIFY THAT ALL AFFECTED PANELBOARDS HAVE CIRCUIT BREAKER KNOCKOUTS PROPERLY COVERED ANDTHAT ALL TRIM IS IN GOOD CONDITION, ALLOWING NO ACCESS TO LIVE PARTS.
2. PROVIDE SEALS AT RACEWAY PENETRATIONS AS FOLLOWS:
   A. FIRE RATED WALLS: SEAL PER SPECIFICATIONS FOR FIRE STOPPING.
   B. NEUTRALIZATION AREA: SEAL PER MECHANICAL DETAIL.
   C. FREEZER/COOLER BOXES: SEAL WITH EXPANDING FOAM SEALANT.
   D. EXTERIOR: REFER TO ARCHITECTURAL DOCUMENTS FOR SEALING REQUIREMENTS AT ALL EXTERIOR MOUNTED DEVICES, FIXTURES, ENCLOSURES, AND RACEWAY PENETRATIONS.
3. PROVIDE A SEPARATE EQUIPMENT GROUNDING CONDUCTOR (SIZE PER NEC) IN PVC TYPE CONDUIT, POWER AND LIGHTING CIRCUITS, ISOLATED GROUND CIRCUITS, OR AS SHOWN ON PLANS. CONDUIT SHALL BE SIZED PER NEC BASED ON THWN 600 VOLT COPPER SINGLE CONDUCTORS, PLUS THE EQUIPMENT GROUNDING CONDUCTOR.
4. WIRING DEVICES: DEVICE MOUNTING HEIGHTS ARE FROM FINISHED FLOOR TO CENTER OF OUTLET BOX UNLESS NOTED OTHERWISE ON PLANS. COORDINATE THE STANDARD MOUNTING HEIGHTS WITH MASONRY:
   A. SWITCHES +44"
   B. RECEPTACLES +20"
   C. VOICE/DATA +20"
5. WIRING SHALL INCLUDE FINAL CONNECTION TO ALL EQUIPMENT IN CONFORMANCE WITH EQUIPMENT SUPPLIER WIRING DIAGRAMS.
6. CONTRACTOR IS RESPONSIBLE FOR PROVIDING AN UPDATED AND COMPLETE TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE FOR EVERY PANELBOARD AFFECTED BY THIS PROJECT.
7. NEW OVERCURRENT PROTECTIVE DEVICES INSTALLED IN EXISTING PANELBOARDS OR DISTRIBUTION BOARDS SHALL MATCH THE TYPE AND AIC RATING OF EXISTING OVERCURRENT PROTECTIVE DEVICES.
8. BRANCH CIRCUIT CONDUCTORS SHALL BE MINIMUM #12 AWG UNLESS NOTED OTHERWISE IN SCHEDULES. WHERE 20A BRANCH CIRCUITS HAVE #8 AND LARGER WIRE SPECIFIED, #10 AWG WIRE SHALL BE USED FOR THE FINAL CONNECTION (15-FT MAXIMUM).
9. WHERE BRANCH CIRCUITS ARE GROUPED, SIZE CONDUIT AND DERATE CURRENT CARRYING CONDUCTORS PER NEC.
10. PROVIDE UL LISTED HANDLE TIES ON ALL MULTIWIRE BRANCH CIRCUITS PER NEC REQUIREMENTS.
11. SUPPORTS FROM STRUCTURE: NO ATTACHMENT OF ANY TYPE SHALL BE MADE TO BRIDGING OR JOIST WEB MEMBERS. UTILIZE ONLY THE TOP AND BOTTOM CHORDS FOR SUPPORTING THE ELECTRICAL SYSTEM INSTALLATIONS.
12. DEVICES SHOWN ON COOLER/FREEZER PANELS SHALL BE SURFACE MOUNTED UNLESS NOTED OTHERWISE. SEAL DEVICES TO COOLER/FREEZER PANELS WITH SILICONE SEALANT.
13. SURFACE MOUNTED CONDUIT ON COOLER/FREEZER PANELS OR IN FOOD PREP AREAS SHALL BE INSTALLED WITH GALVANIZED 1/2" STANDOFF CONDUIT HANGERS TO ALLOW FOR CLEANING.
14. ONLY FEEDER CIRCUITS NOTED ON THE ONE LINE DIAGRAM AND BRANCH CIRCUITS NOTED BY LEGEND SHALL BE INSTALLED UNDER SLAB. PROVIDE EXTERIOR COATED GRC BENDS ON ALL CONDUIT RUNS THAT HAVE 45 DEGREE BENDS OR GREATER. REFER TO SPECIFICATION SECTION 16.100 FOR UNDER SLAB.
15. SEISMIC ZONE REQUIREMENTS: PROVIDE EXPANSION COUPLINGS AND BRACING FOR ELECTRICAL EQUIPMENT AS REQUIRED BY LOCAL CODES.
16. EXISTING ELECTRICAL AND ALARM:
   A. WHERE DEMOLITION OR NEW CONSTRUCTION INTERRUPTS EXISTING ELECTRICAL CIRCUITS FEEDING EXISTING EQUIPMENT, DEVICES, OR LIGHTING TO REMAIN, BUT NOT SHOWN ON DRAWINGS, PROVIDE LABOR AND MATERIALS TO REWORK CIRCUITRY, AS REQUIRED, TO MAINTAIN EXISTING OPERATION.
   B. IF DEMOLITION OR NEW CONSTRUCTION WILL DISRUPT EXISTING UNDERGROUND SERVICES (ELECTRICAL, TELEPHONE, PARKING LOTLIGHTING CIRCUITRY, ETC.) PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO REROUTE, SLEEVE, OR OTHERWISE REWORK THESE SERVICES TO MAINTAIN THEIR EXISTING OPERATION.
   C. EXERCISE CAUTION AROUND ALARM AND SECURITY CABLES DURING DEMOLITION AND CONSTRUCTION. PROTECT ALARM AND SECURITY CABLES FROM ACCIDENTAL DAMAGE SO THAT SYSTEMS REMAIN OPERATIONAL AT ALL TIMES.
   D. DISPOSE OF ALL REMOVED MATERIALS, UNLESS OTHERWISE NOTED.
17. EXISTING ELECTRICAL DEMOLITION:
   A. GENERAL: REMOVE OR RELOCATE EXISTING ELECTRICAL EQUIPMENT, CONDUIT AND CONDUCTORS AS INDICATED ON THE DRAWINGS, OR ONLY AS REQUIRED BY DEMOLITION. REMOVE ALL PANELBOARDS, DISCONNECT SWITCHES, BOXES, RELAYS, TIME SWITCHES, LIGHTS, DEVICES, ETC., WHICH WILL NOT BE REUSED.
   B. SALES FLOOR: REMOVE UNUSED POWER DROP CONDUIT, CONDUCTORS AND RELATED DEVICES SERVING SALES AREA GONDOLAS BEING RELOCATED OR REMOVED. EXISTING CONDUIT AND CONDUCTORS MAY BE REUSED FOR NEW POWER DROPS WHERE SIZE, RATING, AND CONDITION MEET REQUIREMENTS INDICATED ON PLANS AND ALL U.L. RATINGS. REMOVE ALL UNUSED CONDUIT AND CONDUCTORS BACK TO POINT OF ORIGIN WHENEVER FEASIBLE. IF CIRCUIT IS NOT REUSED, REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. EXCEPTION: DISTRIBUTION AND POWER SWITCH BREAKERS SHALL BE ETR AS "SPARE". PROVIDE HANDLE LOCK OFF DEVICE TO LOCK "SPARE" CIRCUIT BREAKER IN THE "OFF" POSITION. UPDATE TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE AS "SPACE" OR "SPARE"
   C. CONDUIT AND WIRING TO BE ABANDONED IN CEILING SPACES AND OTHER NON-PUBLIC AREAS (I.E., THROUGH STOCKROOM AREA): CUT WIRING LOOSE AND REMOVE FROM RACEWAY(S), LEAVING RACEWAY(S) IN PLACE. CONDUIT TO BE ABANDONED IN WALLS OR FLOORS SHALL BE REMOVED BACK TO FINISHED SURFACE AND CAPPED INSIDE. REPAIR SURFACE(S) TO MATCH ADJACENT.
   D. ALL CIRCUIT BREAKERS SERVING BRANCH CIRCUITS TO BE REMOVED SHALL ALSO BE REMOVED. REMOVE CIRCUIT BREAKER AND REPLACE WITH FILLER PLATE. EXCEPTION: DISTRIBUTION AND POWER SWITCH BREAKERS SHALL BE ETR AS "SPARE". PROVIDE HANDLE LOCK OFF DEVICE TO LOCK "SPARE" CIRCUIT BREAKER IN THE "OFF" POSITION. UPDATE TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE AS "SPACE " OR "SPARE".
   E. DEMOLISHED FLUORESCENT LIGHT FIXTURES: REFER TO SELECTIVE SITE DEMOLITION SPECIFICATION FOR DISPOSAL OF LIGHT FIXTURE.
   F. BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
18. DATA AND PHONE CONDUIT INSTALLATION MILESTONE DATE: ALL RACEWAY AND CONDUIT SLEEVES FOR DATA AND PHONE CABLING TO BE INSTALLED 3 WEEKS PRIOR TO CONTRACT SUBSTANTIAL COMPLETION DATE.
19. ETHERNET CABLE:
   A. FURNISH AND INSTALL JUNCTION BOXES AS SHOWN ON PLANS. PROVIDE CONDUIT AS REQUIRED BY LOCAL CODES AND/OR ORDINANCES.
   B. ETHERNET CABLE IS FURNISHED BY OTHERS.
   C. ELECTRICAL CONTRACTOR SHALL INSTALL CABLE IN POWER POLES.
   D. ELECTRICAL CONTRACTOR SHALL INSTALL OTHER CABLE AS DIRECTED BY WALMART CONSTRUCTION MANAGER.



2 CEILING MOUNTED RECEPTACLE
NTS 07/27/18



1 POWER POLE CONNECTION
NTS 07/26/19

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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JAISON P. MORAS LICENSE No 76917 STATE OF FLORIDA PROFESSIONAL ENGINEER
11/22/21

ELECTRICAL DETAILS

SHEET: E3

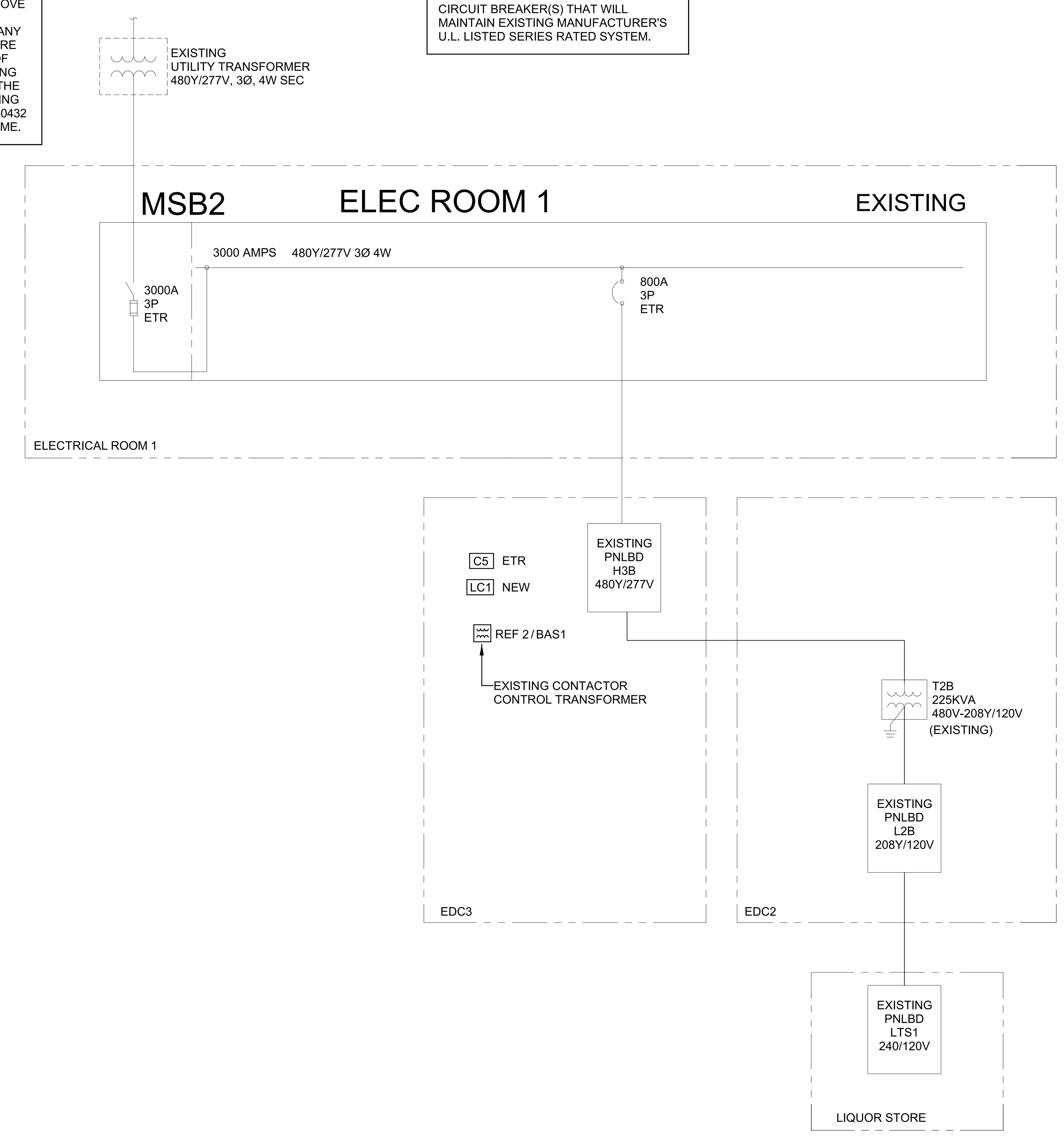
CONTACTOR SCHEDULE

LABEL AS SHOWN: NO.	LOAD SERVED	ENCLOSURE	COIL VOLTS	CONTACTS	NOTES
C5	LIQUOR BOX EXTERIOR SIGNAGE	NEMA-1	120V	600V, 20A-4P	ELECTRICALLY HELD
LC1	LIQUOR BOX INTERIOR SIGNAGE	NEMA-1	120V	600V, 20A-8P	ELECTRICALLY HELD

NOTE: E.C. TO FURNISH AND INSTALL CONTACTORS. REFER TO SHEET BAS1 FOR BAS CONTROL INFORMATION.

EXISTING SUBMETERING: IF IT IS NECESSARY TO REMOVE A METER, RTU SERVER, CT OR DISRUPT THE COMMUNICATION OF THE SUBMETERING SYSTEM IN ANY WAY, THE CONTRACTOR IS RESPONSIBLE TO RESTORE THE SUBMETERING SYSTEM TO THE SAME LEVEL OF OPERATION THAT EXISTED PRIOR TO THE WORK BEING INITIATED. THE EXISTENCE AND FUNCTIONALITY OF THE SUBMETERING SYSTEM SHALL BE VERIFIED BY CALLING WALMART BUILDING PERFORMANCE TEAM AT 479-204-0432 BETWEEN THE HOURS OF 7 AM AND 5 PM CENTRAL TIME.

EXISTING DISTRIBUTION SYSTEM IS SERIES RATED. E.C. SHALL PROVIDE CIRCUIT BREAKER(S) THAT WILL MAINTAIN EXISTING MANUFACTURER'S U.L. LISTED SERIES RATED SYSTEM.



1 PARTIAL ONE-LINE DIAGRAM
NTS

ONE-LINE DIAGRAM LEGEND

11.19.10

- NEW EQUIPMENT
- EXISTING EQUIPMENT
- EQUIPMENT TO BE DEMOLISHED

NOTE:
ALL OF THE ELECTRICAL DEVICES SHOWN ON THE RISER DIAGRAM ARE EXISTING AND ARE BASED UPON AS-BUILT DRAWINGS. E.C. SHALL VERIFY THE EXACT EXISTING CONDITIONS, SIZES AND LOCATIONS OF EQUIPMENT PRIOR TO ROUGH-IN. THIS RISER IS SHOWN FOR INFORMATIONAL PURPOSES ONLY AND ANY NEW DEVICES ARE SHOWN IN BOLD AND ARE NOTED. DURING CONSTRUCTION, THE STORE SHALL STAY OPEN FOR BUSINESS. ANY NECESSARY POWER DOWNTIME SHALL BE SCHEDULED AND APPROVED BY WALMART CONSTRUCTION MANAGER.

PANELBOARD NOTES ()

08.28.20

1. TERMINATE GROUND ON ISOLATED GROUND BUS.
2. INSTALL LOCKING DEVICE (LOCK-OFF FOR MAINTENANCE). LOCKING DEVICE SHALL BE UL LISTED. MANUFACTURER SHALL MATCH EXISTING PANELBOARD MANUFACTURER.
3. INSTALL LOCKING DEVICE (LOCK-ON FOR CRITICAL LOAD).
4. GFI BREAKER FOR PERSONNEL PROTECTION (5MA).
5. GFI BREAKER FOR EQUIPMENT PROTECTION (30MA).
6. CONDUCTOR SIZE HAS BEEN INCREASED FOR VOLTAGE DROP. SIZE EQUIPMENT GROUNDING CONDUCTOR PROPORTIONATELY PER NEC.
7. REFER TO ONE-LINE DIAGRAM FOR AVAILABLE FAULT CURRENT FOR INTERRUPT RATINGS.
8. REFER TO ONE-LINE DIAGRAMS FOR WIRE SIZES.
9. FACTORY WIRED TO LOAD.
10. BREAKER SHALL BE HIGH MAGNETIC TYPE.
11. BREAKER REMOVAL - FIELD VERIFY CIRCUIT BREAKER IS NOT SERVING AN EXISTING LOAD. IF NO EXISTING LOAD, REMOVE CIRCUIT BREAKER AND PROVIDE FILLER PLATE. IF BREAKER IS SERVING A LOAD, IDENTIFY LOAD SERVED. UPDATE CIRCUIT IDENTIFICATION SCHEDULE AS "SPACE" OR INDICATE LOAD SERVED.
12. DUAL TAP SOLENOID OPERATED BREAKER. CONNECT EMERGENCY/NIGHT LIGHTING TO UNSWITCHED TERMINATION.
13. EXISTING CIRCUIT AND/OR CIRCUIT BREAKER.
14. ROUTE CIRCUIT THROUGH CONTACTOR.
15. PROVIDE INTERLOCK WIRING WITH EXHAUST HOOD ANSUL SYSTEM.
16. RELOCATED CIRCUIT FROM EXISTING PANELBOARD.
17. PROVIDE BLANK CIRCUIT BREAKER FILLER PLATE FOR EXPOSED SPACE IN PANELBOARD.
18. PROVIDE U.L. LISTED OVERCURRENT DEVICE TO COORDINATE AND MAINTAIN MANUFACTURER'S SERIES RATED SYSTEM.
19. EXISTING CIRCUIT BREAKER TO REMAIN. VERIFY CONDITION OF CIRCUIT BREAKER TO ENSURE THAT IT IS OPERATIONAL AND MEETS ALL U.L. RATINGS.
20. ROUTE CIRCUIT THROUGH EXISTING LCU CABINET UTILIZING EXISTING RELAY AND CONTROLS. UPDATE LCU IDENTIFICATION SCHEDULE WITH LOAD IDENTIFICATION.
21. SOLENOID OPERATED CIRCUIT BREAKER. REFER TO ENERGY MANAGEMENT PLANS FOR CIRCUIT BREAKER CONTROL.
22. EXISTING LOAD - TRACE EXISTING CIRCUIT, IDENTIFY LOAD AND UPDATE CIRCUIT IDENTIFICATION SCHEDULE FOR LOAD SERVED. IF CIRCUIT IS NOT IN USE, REFER TO PANELBOARD NOTE (11).
23. ROUTE CIRCUIT THROUGH ENCLOSED GFI BREAKER FOR PERSONNEL PROTECTION (5MA).
24. SPARE - FIELD VERIFY CIRCUIT BREAKER IS NOT SERVING AN EXISTING LOAD. IF NO EXISTING LOAD, PROVIDE LOCK OFF DEVICE TO LOCK SPARE BREAKER IN THE OFF POSITION. IF BREAKER IS SERVING A LOAD, IDENTIFY LOAD SERVED. UPDATE CIRCUIT IDENTIFICATION SCHEDULE AS "SPARE" OR INDICATE LOAD SERVED.
25. EXISTING LOAD - TRACE EXISTING CIRCUIT, IDENTIFY LOAD AND UPDATE CIRCUIT IDENTIFICATION SCHEDULE FOR LOAD SERVED. IF CIRCUIT IS NOT IN USE, REFER TO PANELBOARD NOTE (24).

GENERAL NOTES:
1. NEW OVERCURRENT PROTECTIVE DEVICES PLACE IN EXISTING PANELBOARDS OR DISTRIBUTION BOARDS SHALL MATCH THE TYPE AND AIC RATING OF EXISTING OVERCURRENT PROTECTION DEVICES IN SAID BOARD.
2. E.C. SHALL TRACE ALL ELECTRICAL CIRCUITS FOR EVERY EXISTING PANELBOARD AFFECTED BY THIS PROJECT. IDENTIFY LOADS ON EACH CIRCUIT. PROVIDE A COMPLETE TYPEWRITTEN CIRCUIT IDENTIFICATION SCHEDULE FOR EVERY AFFECTED PANELBOARD. PROVIDE THE DATE THAT THE SCHEDULE IS CREATED.
3. ALL OVERCURRENT DEVICES ARE NEW UNLESS NOTED OTHERWISE.

ARC FLASH

ARC FLASH HAZARD WARNING LABELING REQUIREMENTS PER NEC ARE PROVIDED BY OWNER UNDER SEPARATE CONTRACT.

POWER INTERRUPTION NOTE

11.30.18

COORDINATE ALL WORK THAT REQUIRES POWER INTERRUPTIONS TO THE STORE WITH THE STORE MANAGER AND THE WALMART CONSTRUCTION MANAGER A MINIMUM OF 48 HOURS IN ADVANCE OF ALL STORE POWER INTERRUPTIONS. IN ADDITION, IF THE MAIN ELECTRICAL SWITCHGEAR REQUIRES WORK AND DOES NOT HAVE A MAIN SERVICE DISCONNECTING MEANS, COORDINATE WITH THE UTILITY COMPANY A MINIMUM OF TWO WEEKS IN ADVANCE OF THE STORE POWER INTERRUPTION. IF STORE IS NOT OPEN 24 HOURS PER DAY, ALL STORE POWER INTERRUPTIONS ARE TO BE ACCOMPLISHED AFTER NORMAL STORE BUSINESS HOURS. PROVIDE TEMPORARY POWER AS REQUIRED PER SPECIFICATIONS. INSTALLATION OF NEW EQUIPMENT SHALL BE COMPLETED AND THE POWER SYSTEM TESTED AND RE-ENERGIZED PRIOR TO THE TIME ESTABLISHED BY THE STORE MANAGER AND THE WALMART CONSTRUCTION MANAGER.

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

EACH SUBCONTRACTOR IS RESPONSIBLE FOR HAVING A THOROUGH KNOWLEDGE OF ALL DRAWINGS AND SPECIFICATIONS IN THEIR RELATED FIELD. THE FAILURE TO ACQUAINT THEMSELF WITH THIS KNOWLEDGE DOES NOT RELIEVE THE RESPONSIBILITY OF PERFORMING THE WORK PROPERLY. NO ADDITIONAL COMPENSATION SHALL BE ALLOWED BECAUSE OF CONDITIONS THAT OCCUR DUE TO FAILURE TO FAMILIARIZE WORKERS WITH THIS KNOWLEDGE.

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LAKE CITY, FL
2767 W US HIGHWAY 90
STORE NO: 0767-247

JOB NUMBER: 2210335 PROTO: 188 PROTO SC

ISSUE BLOCK

CHECKED BY:	CM	
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PROTO CYCLE:	08/27/21	
DOCUMENT DATE:	11/22/21	

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Date: 2021.12.03 09:26:21-05'00'

JAISON PRADEEP MORAS
LICENSE
No 76917
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
11/22/21

ELECTRICAL ONE-LINE DETAILS AND SCHEDULES

SHEET: E4

11/19/2021 11:30:49 AM
C:\Users\mohammed.khan\Documents\00767_LakeCity_FL_188_L_MEP_V20_mkhanVUDFE.rvt

BUSWAY: BL1B (EXISTING)

BUS AMPS: 100A — CASE GROUND
MAINS SIZE/ TYPE: MLO — AIC RATING: 10,000A
VOLTS/PHASE: 208Y/120 V 3PH, 4W — SERVES: ELECTRONICS
SECTION: 1 — MOUNTING: CEILING
LOCATION: ELECTRONICS

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		C		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1	MOV GONDOLA (13)	--	20 A	1	1300 VA	1080 VA					1	20 A	--	ENT GONDOLA (13)	2
3	PHOTOLAB MENUBOARDS (19)		20 A	1			390 VA	1080 VA			1	20 A	--	ENT GONDOLA (13)	4
5	ENG GONDOLA (13)	--	20 A	1					1800 VA	1080 VA	1	20 A	--	ENT GONDOLA (13)	6
7	ENG GONDOLA (13)	--	20 A	1	1800 VA	1080 VA					1	20 A		72A ELECTRONICS C/W (19)	8
9	ENG GONDOLA (13)	--	20 A	1			1800 VA	600 VA			1	20 A		87B CONNECTION CENTER (19)	10
11	ENG GONDOLA (13)	--	20 A	1					1800 VA	720 VA	1	20 A	--	WIRELESS KIOSK (13)	12
13	ENG GONDOLA (13)	--	20 A	1	1080 VA	360 VA					1	20 A	--	PHOTOLAB KIOSK RCPTS (13)	14
15	ENG GONDOLA (13)	--	20 A	1			1440 VA	360 VA			1	20 A	--	PHOTOLAB KIOSK RCPTS (13)	16
17	ENG GONDOLA (13)	--	20 A	1					1800 VA	1800 VA	1	20 A	--	ENG GONDOLA (13)	18
19	PHASER & SP UNIT (13)	--	20 A	1	790 VA	540 VA					1	20 A	--	PHOTOLAB RCPTS (13)	20
21	DL PRINTER (13)	--	20 A	1			840 VA	180 VA			1	20 A	--	05H MEDIA AND GAMING (13)	22
23	WIDE FORMAT PRINTER (13)	--	20 A	1					900 VA	1800 VA	1	20 A	--	ENG GONDOLA (13)	24
25	06B DIGITAL PICTURE CENTER		20 A	1	840 VA	0 VA					--	--	--	SPACE	26
			Total Load:		8870 VA		6690 VA		11700 VA						
			Total Amps:		77 A		56 A		100 A						

TOTAL DEMAND	
Total Conn. Load:	27260 VA
Total Est. Demand:	27260 VA
Total Conn.:	76 A
Total Est. Demand:	76 A

PANELBOARD NOTES:

FED VIA 100A-3P CIRCUIT BREAKER FROM L1D3 IN EDC1.

PANELBOARD: L2D (EXISTING)

BUS AMPS: 225A — EQUIPMENT GROUND BUS
MAINS SIZE/ TYPE: MLO — AIC RATING: 10,000A
VOLTS/PHASE: 208Y/120 V 3PH, 4W — SERVES: GENERAL POWER
SECTION: 2 — MOUNTING: SURFACE
LOCATION: EDC2

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		C		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1	COLUMN RECEPTS (13)	--	20 A	1	1080 VA	240 VA					1	20 A	--	CART CHARGER (13)	2
3	COLUMN RECEPTS/LBX (13)	--	20 A	1			900 VA	240 VA			1	20 A	--	CART CHARGER (13)	4
5	COLUMN RECEPTS/LBX (13)	--	20 A	1					540 VA	1440 VA	1	20 A	--	SERVICE KIOSK (13)	6
7	VENDING MACHINE (13)	--	20 A	1	1400 VA	1000 VA					1	20 A	--	SPARE	8
9	VENDING MACHINE (13)	--	20 A	1			1400 VA	540 VA			1	20 A	--	AP RETENTION RECEPTACLES (13)	10
11	VENDING MACHINE (13)	--	20 A	1					1400 VA	600 VA	1	20 A	--	DOOR OPERATOR (13)	12
13	DOOR OPERATOR (13)	--	20 A	1	600 VA	600 VA					1	20 A	--	DOOR OPERATOR (13)	14
15	DOOR OPERATOR (13)	--	20 A	1			600 VA	600 VA			1	20 A	--	DOOR OPERATOR (13)	16
17	DOOR OPERATOR (13)	--	20 A	1					600 VA	240 VA	1	20 A	--	CART CHANGER (13)	18
19	SUPPLY FAN (13)	--	20 A	1	1180 VA	240 VA					1	20 A	--	CART CHANGER (13)	20
21	SUPPLY FAN (13)	--	20 A	1			1180 VA	240 VA			1	20 A	--	CART CHANGER (13)	22
23	SUPPLY FAN (13)	--	20 A	1					1180 VA	180 VA	1	20 A	--	EXISTING LOAD (22)	24
25	O/S DRINK MACHINE (13)	--	20 A	1	1000 VA	180 VA					1	20 A	--	ELEC RM RCPT (13)	26
27	VENDING MACHINE (13)	--	20 A	1			1400 VA	540 VA			1	20 A	--	SC RECEPTS (13)	28
29	ICE BAGGER (13)	--	20 A	1					240 VA	600 VA	1	20 A	10	FRONT CHECKOUT / COOLER (6,19)	30
31	CAR REC/SENSORMATIC (13)	--	20 A	1	1770 VA	768 VA					1	20 A	8	FRONT CHECKOUT (19,6)	32
33	FLY VECTOR (13)	--	20 A	1			180 VA	792 VA			1	20 A	8	FRONT CHECKOUT / COOLER (19,6)	34
35	FRONT CHECKOUT IG (19)		20 A	1					396 VA	264 VA	1	20 A		FRONT CHECKOUT IG (19)	36
37	FRONT CHECKOUT / COOLER (6,19)	10	20 A	1	600 VA	1452 VA					1	20 A	6	FRONT CHECKOUT / COOLER (19,6)	38
39	FRONT CHECKOUT (19,6)	10	20 A	1			576 VA	1452 VA			1	20 A	6	FRONT CHECKOUT (19,6)	40
41	ICE MERCHANDISER (13)	--	20 A	1					1550 VA	520 VA	1	20 A	--	EXHAUST FAN (13)	42
43	ICE MAKER (13)	--	20 A	1	1870 VA	2000 VA									44
45	SIGN (13)	--	20 A	3			1000 VA	2000 VA			2	30 A	--	WATER HEATER (13)	46
47									1000 VA	1240 VA	1	20 A	--	HAND DRYER (13)	48
49					1000 VA	1240 VA					1	20 A	-	HAND DRYER (13)	50
51	WALMART SIGNAGE(6)	10	20 A	1			662 VA	300 VA			1	20 A	--	UTILITY RM/SCENT RCPTS (13)	52
53	PROPANE TANK(6)	6	20 A	1					720 VA	720 VA	1	20 A	--	EWCS (13)	54
55	PROPANE TANK(6)	6	20 A	1	720 VA	540 VA					1	20 A	--	SC RECEPTS (13)	56
57	SPACE (11)	--	20 A	1			0 VA	900 VA			1	20 A	--	SERVICE DESK RCPTS (13)	58
59	CHICKEN WARMER (13)		20 A	2					2236 VA	540 VA	1	20 A	--	RE MACHINE (13)	60
61					2236 VA	1080 VA					1	20 A	--	COPIER (13)	62
63	WAL GREET/INSECT CONTROL (13)	--	20 A	2			540 VA	900 VA			1	20 A	--	CASH/COUNT RCPTS (13)	64
65									540 VA	1080 VA					66
67	RECEPTS ON ROOF (13)	--	20 A	1	360 VA	1080 VA					3	20 A	--	CASH/COUNT RCPTS (13)	68
69	SUPPLY FAN (13)	--	20 A	1			1180 VA	1080 VA							70
71	SUPPLY FAN (13)	--	20 A	1					1180 VA	600 VA	1	20 A	--	SQUARE D CONTROLLER (13)	72
73	PU TABLET (19)		20 A	1	180 VA	1080 VA					1	20 A	--	COLUMN RCPTS (13)	74
75	ATM (13)	--	20 A	1			840 VA	900 VA			1	20 A	--	FITTING ROOM/MGH (19)	76
77	LOTTERY VENDING MACHINE (19)		20 A	1					300 VA	200 VA	1	20 A			78
79	BAKERY MENUBOARDS		20 A	1	390 VA	240 VA					1	20 A		AP GATES	80
81	EXISTING LOAD (22)	--	20 A	1			500 VA	1240 VA			1	20 A	--	HAND DRYER (13)	82
83	GR TE CABINET (13)	--	20 A	1					1560 VA	1240 VA	1	20 A	--	HAND DRYER (13)	84
			Total Load:		26126 VA		22682 VA		22906 VA						
			Total Amps:		218 A		189 A		191 A						

TOTAL DEMAND	
Total Conn. Load:	71714 VA
Total Est. Demand:	71714 VA
Total Conn.:	199 A
Total Est. Demand:	199 A

PANELBOARD NOTES:

FED VIA 225A-3P CIRCUIT BREAKER FROM L2B IN EDC2.

PANELBOARD: L2E (EXISTING)

BUS AMPS: 100A — EQUIPMENT GROUND BUS
MAINS SIZE/ TYPE: 60A MCB — AIC RATING: 10,000A — ISOLATED GROUND BUS
VOLTS/PHASE: 208Y/120 V 3PH, 4W — SERVES: GENERAL IG POWER
SECTION: 1 — MOUNTING: SURFACE
LOCATION: EDC2

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		C		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1	16A GARDEN CENTER C/W (13)	--	20 A	1	320 VA	160 VA					1	20 A	--	32G JEWELERY IG RECEPTS (13)	2
3	EXISTING LOAD (22)	--	20 A	1			180 VA	644 VA			1	20 A	--	32A JEWELERY C/W (13)	4
5	EXISTING LOAD (22)	--	20 A	1					180 VA	1920 VA	1	20 A	--	ATM RECEPTS (13)	6
7	CASHROOM IG RECEPT (13)	--	20 A	1	360 VA	3870 VA					2	50 A	--	PANEL L2U1 (13)	8
9	FRONT CHECKOUT (19)		20 A	1			600 VA	4084 VA							10
11	FRONT CHECKOUT (6,19)	10	20 A	1					768 VA	160 VA	1	20 A	--	46F CASHWRAP (13)	12
13	EWCS (13)	--	20 A	1	1656 VA	0 VA					--	--	--	SPACE	14
15	FRONT CHECKOUT / COOLER		20 A	1			600 VA	792 VA			1	20 A		FRONT CHECKOUT / COOLER	16
17	FRONT CHECKOUT		20 A	1					384 VA	264 VA	1	20 A		FRONT CHECKOUT (IG)	18
19	FRONT CHECKOUT (IG)		20 A	1	528 VA	792 VA					1	20 A		FRONT CHECKOUT / COOLER	20
21	FRONT CHECKOUT / COOLER		20 A	1			759 VA	1452 VA			1	20 A	8	FRONT CHECKOUT / COOLER (6)	22
23	FRONT CHECKOUT		20 A	1					768 VA	264 VA	1	20 A		FRONT CHECKOUT	24
			Total Load:		7686 VA		9111 VA		4708 VA						
			Total Amps:		68 A		80 A		39 A						

TOTAL DEMAND	
Total Conn. Load:	21505 VA
Total Est. Demand:	21505 VA
Total Conn.:	60 A
Total Est. Demand:	60 A

PANELBOARD NOTES:

PANELBOARD: L2D4 (EXISTING)

BUS AMPS: 225A — EQUIPMENT GROUND BUS
MAINS SIZE/ TYPE: MLO — AIC RATING: 10,000A
VOLTS/PHASE: 208Y/120 V 3PH, 4W — SERVES: BAKERY EQUIPMENT
SECTION: 1 — MOUNTING: SURFACE
LOCATION: EDC2

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		C		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1					3559 VA	200 VA					2	20 A	--	SPARE(25)	2
3	B2 PROOF BOX(13)	--	40 A	3			3559 VA	200 VA							4
5									3559 VA	500 VA	1	20 A	--	RECEPTACLE(13)	6
7					1513 VA	500 VA					1	20 A	--	RECEPTACLE(13)	8
9	B4 140 QUART MIXER(13)	--	35 A	3			1513 VA	1000 VA			1	20 A	--	WATER HEATER(13)	10
11									1513 VA	1000 VA	1	20 A	--	WATER HEATER(13)	12
13					692 VA	1000 VA					1	20 A	--	CAKE DECOR TABLE(13)	14
15	B44 DOUGH DIVIDER (13)	--	20 A	3			692 VA	200 VA			1	20 A	--	EXISTING LOAD(22)	16
17									692 VA	0 VA	--	--	--	SPACE	18
19					1513 VA	500 VA					1	20 A	--	CART(13)	20
21	B84 80 QT MIXER (13)	--	35 A	3			1513 VA	500 VA			1	20 A	--	CART(13)	22
23									1513 VA	500 VA	1	20 A	--	CART(13)	24
25	SPARE(25)	--	20 A	2	200 VA	0 VA					2	20 A	--	SPARE(24)	26
27							200 VA	0 VA							28
29	EXISTING LOAD(22)	--	20 A	1					200 VA	500 VA	1	20 A	--	CART RECEPTACLE(13)	30
31					616 VA	500 VA					1	20 A	--	CART RECEPTACLE(13)	32
33	B3 RACK OVEN (13)	--	20 A	3			616 VA	180 VA			1	20 A		ROOF GFI RECEPT	34
35									616 VA	180 VA	1	20 A		ROOF GFI RECEPT	36
37					616 VA	672 VA					1	20 A	10	RCU1 FAN AND LTS(6)	38
39	B3 RACK OVEN (13)	--	20 A	3			616 VA	1176 VA			1	20 A	10	RCU2 FAN AND LTS(6)	40
41									616 VA	0 VA	--	--	--	SPACE	42
			Total Load:		12081 VA		11965 VA		11389 VA						
			Total Amps:		101 A		100 A		95 A						

TOTAL DEMAND	
Total Conn. Load:	35435 VA
Total Est. Demand:	35435 VA
Total Conn.:	98 A
Total Est. Demand:	98 A

PANELBOARD NOTES:

FED VIA 3P-150A CIRCUIT BREAKER FROM L2B IN EDC2

PANELBOARD: L2U1 (EXISTING)

BUS AMPS: 100A — EQUIPMENT GROUND BUS
MAINS SIZE/ TYPE: MLO — AIC RATING: 10,000A — ISOLATED GROUND BUS
VOLTS/PHASE: 120/240 V 1PH, 3W — SERVES: CRITICAL IG EQUIPMENT
SECTION: 1 — MOUNTING: SURFACE
LOCATION: EDC2

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1	REG 1,3,5,7,9 (13)	--	20 A	1	500 VA	500 VA			1	20 A	--	EXISTING LOAD (22)	2
3	REG 11,13,15 (13)	--	20 A	1			500 VA	500 VA	1	20 A	--	REG 2 (13)	4
5	REG 3,17,19,21,23 (13)	--	20 A	1	500 VA	500 VA			1	20 A	--	CUSTOMER SERVICE (13)	6
7	REG 4,6,8,10, PAYSTATION (13)	--	20 A	1			500 VA	500 VA	1	20 A	--	GRC SWITCHES (13)	8
9	REG 12,14 (13)	--	20 A	1	500 VA	264 VA			1	20 A		FRONT CHECKOUT IG	10
11	REG 16,18,20,22 (13)	--	20 A	1			500 VA	0 VA	--	--	--	SPACE	12
13	6M SWITCHES (13)	--	20 A	1	50 VA	0 VA			--	--	--	SPACE	14
15	FRONT CHECKOUT IG	10	20 A	1			528 VA	0 VA	--	--	--	SPACE	16
17	FRONT CHECKOUT IG		20 A	1	264 VA	0 VA			--	--	--	SPACE	18
19	FRONT CHECKOUT IG		20 A	1			264 VA	0 VA	--	--	--	SPACE	20
21	FRONT CHECKOUT IG		20 A	1	264 VA	0 VA			--	--	--	SPACE	22
23	FRONT CHECKOUT IG		20 A	1			264 VA	0 VA	--	--	--	SPACE	24
25	FRONT CHECKOUT IG		20 A	1	264 VA	0 VA			--	--	--	SPACE	26
27	FRONT CHECKOUT IG		20 A	1			528 VA	0 VA	--	--	--	SPACE	28
29	FRONT CHECKOUT IG		20 A	1	264 VA	0 VA			--	--	--	SPACE	30
			Total Load:		3870 VA		4084 VA						
			Total Amps:		32 A		34 A						

TOTAL DEMAND	
Total Conn. Load:	7954 VA
Total Est. Demand:	7954 VA
Total Conn.:	33 A
Total Est. Demand:	33 A

PANELBOARD NOTES:

FED VIA 50A-2P CIRCUIT BREAKER FROM L2E IN EDC2 VIA UPS.

PANELBOARD: LCM (EXISTING)

BUS AMPS: 100A — EQUIPMENT GROUND BUS
MAINS SIZE/ TYPE: MLO — AIC RATING: 10,000A
VOLTS/PHASE: 208Y/120 V 3PH, 4W — SERVES: MONEYCENTER
SECTION: 1 — MOUNTING: FLUSH
LOCATION: MONEYCENTER

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		C		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1	MONEYCENTER RECEPTS (19)		20 A	1	360 VA	1080 VA					1	20 A		MONEYCENTER RECEPTS (19)	2
3	MONEYCENTER RECEPTS (19)		20 A	1			1080 VA	720 VA			1	20 A		MONEYCENTER RECEPTS (19)	4
5	EXISTING LOAD (22)	--	20 A	1					500 VA	500 VA	1	20 A	--	EXISTING LOAD (22)	6
7	EXISTING LOAD (22)	--	20 A	1	500 VA	500 VA					1	20 A	--	EXISTING LOAD (22)	8
9	EXISTING LOAD (22)	--	20 A	1			500 VA	500 VA			1	20 A	--	EXISTING LOAD (22)	10
11	EXISTING LOAD (22)	--	20 A	1					500 VA	500 VA	1	20 A	--	EXISTING LOAD (22)	12
13	SPACE	--	--	--	0 VA	0 VA					--	--	--	SPACE	14
15	EXISTING LOAD (22)	--	20 A	1			500 VA	0 VA			--	--	--	SPACE	16
17	SPACE	--	--	--					0 VA	0 VA	--	--	--	SPACE	18
19	SPACE	--	--	--	0 VA	0 VA					--	--	--	SPACE	20
21	SPACE	--	--	--			0 VA	0 VA			--	--	--	SPACE	22
23	SPACE	--	--	--					0 VA	0 VA	--	--	--	SPACE	24
			Total Load:		2440 VA		3300 VA		2000 VA						
			Total Amps:		21 A		28 A		17 A						

TOTAL DEMAND	
Total Conn. Load:	7740 VA
Total Est. Demand:	7740 VA
Total Conn.:	22 A
Total Est. Demand:	22 A

PANELBOARD NOTES:

FED VIA 100A-3P CIRCUIT BREAKER FROM L2B IN EDC2.

PANELBOARD: LTS1 (EXISTING)

BUS AMPS: 100A — EQUIPMENT GROUND BUS
MAINS SIZE/ TYPE: MLO — AIC RATING: 10,000A
VOLTS/PHASE: 120/240 V 1PH, 3W — SERVES: LIQUOR BOX
SECTION: 1 — MOUNTING: FLUSH
LOCATION: LIQUOR BOX

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1	RECEPTACLES (13)	--	20 A	1	540 VA	540 VA			1	20 A	--	RECEPTACLES (13)	2
3	RECEPTACLES (13)	--	20 A	1			540 VA	500 VA	1	20 A	--	RECEPTACLES (13)	4
5	RECEPTACLES (13)	--	20 A	1	540 VA	540 VA			1	20 A	--	RECEPTACLES (13)	6
7	POS (13)	--	20 A	1			540 VA	540 VA	1	20 A	--	AUTO DOOR (13)	8
9	SIGNAGE (13)	--	20 A	1	540 VA	500 VA							10
11	96L SHELF LIGHTING (14)		20 A	1			200 VA	500 VA	2	20 A	--	EXISTING LOAD (24)	12
13	NEON SIGNAGE (14)		20 A	1	360 VA	25 VA			1	20 A		OVERHEAD BEER SIGN (14)	14
15	SPACE	--	--	--			0 VA	360 VA	1	20 A		OVERHEAD BEER SIGN (14)	16
17	SPACE	--	--	--	0 VA	0 VA			--	--	--	SPACE	18
			Total Load:		3585 VA		3180 VA						
			Total Amps:		30 A		27 A						

TOTAL DEMAND	
Total Conn. Load:	6765 VA
Total Est. Demand:	6765 VA
Total Conn.:	28 A
Total Est. Demand:	28 A

PANELBOARD NOTES:

FED VIA 100A-2P CIRCUIT BREAKER FROM L2B IN EDC2.

PANELBOARD: L2B (EXISTING)

BUS AMPS: 800A — EQUIPMENT GROUND BUS
MAINS SIZE/ TYPE: 800A MCB — AIC RATING: 10,000A
VOLTS/PHASE: 208Y/120 V 3PH, 4W — SERVES: 208V DISTRIBUTION
SECTION: 1 — MOUNTING: SURFACE
LOCATION: EDC2

CKT NO.	DESCRIPTION	WIRE	BKR AMP	P	A		B		C		P	BKR AMP	WIRE	DESCRIPTION	CKT NO.
1					1940 VA	3260 VA									2
3	PANELBOARD SP (13)	--	100 A	3			1940 VA	2300 VA			3	100 A	--	PANELBOARD LP (13)	4
5									1940 VA	2340 VA					6
7					1340 VA	2360 VA									8
9	PANELBOARD LVC (13)	--	100 A	3			1394 VA	2580 VA			3	100 A	--	PANELBOARD L1BT (13)	10
11									1379 VA	1940 VA					12
13					8510 VA	6760 VA									14
15	PANELBOARD LCM (13)	--	100 A	3			8510 VA	6900 VA			3	100 A	--	PANELBOARD LCC (13)	16
17									8510 VA	6070 VA					18
19					1940 VA	10470 VA									20
21	PANELBOARD L2D4 (13)	--	150 A	3			2120 VA	10660 VA			3	150 A	--	PANELBOARD L2D3 (13)	22
23									2220 VA	10240 VA					24
25					26126 VA	3603 VA									26
27	PANELBOARD L2D (13)		225 A	3			22682 VA	3603 VA			3	40 A	4	RCU-1(6)	28
29									22906 VA	3603 VA					30
31					2000 VA	4071 VA									32
33	PANEL LTS1 (13)	--	100 A	3			2000 VA	4071 VA			3	50 A	6	RCU-2(6)	34
35									2000 VA	4071 VA					36
37					0 VA	0 VA					--	--	--	SPACE	38
39	SPACE	--	20 A	3			0 VA	0 VA			--	--	--	SPACE	40
41									0 VA	0 VA	--	--	--	SPACE	42
			Total Load:		72380 VA		68760 VA		67219 VA						
			Total Amps:		605 A		575 A		560 A						

TOTAL DEMAND	
Total Conn. Load:	208358 VA
Total Est. Demand:	208358 VA
Total Conn.:	579 A
Total Est. Demand:	579 A

PANELBOARD NOTES:

REFER TO SHEET E4 FOR PANELBOARD NOTES

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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Suite 200
Maitland, FL 32751
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F (407) 645-8999
www.cedarpeterson.com
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11/22/21

PANELBOARD SCHEDULES

SHEET: E4.1

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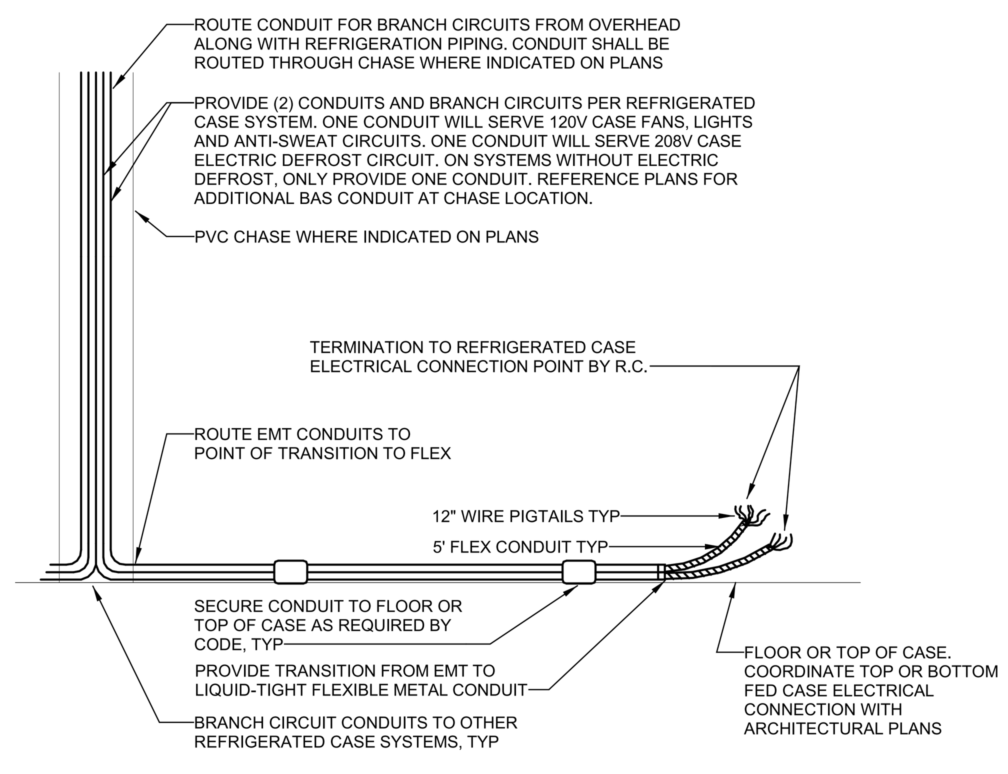
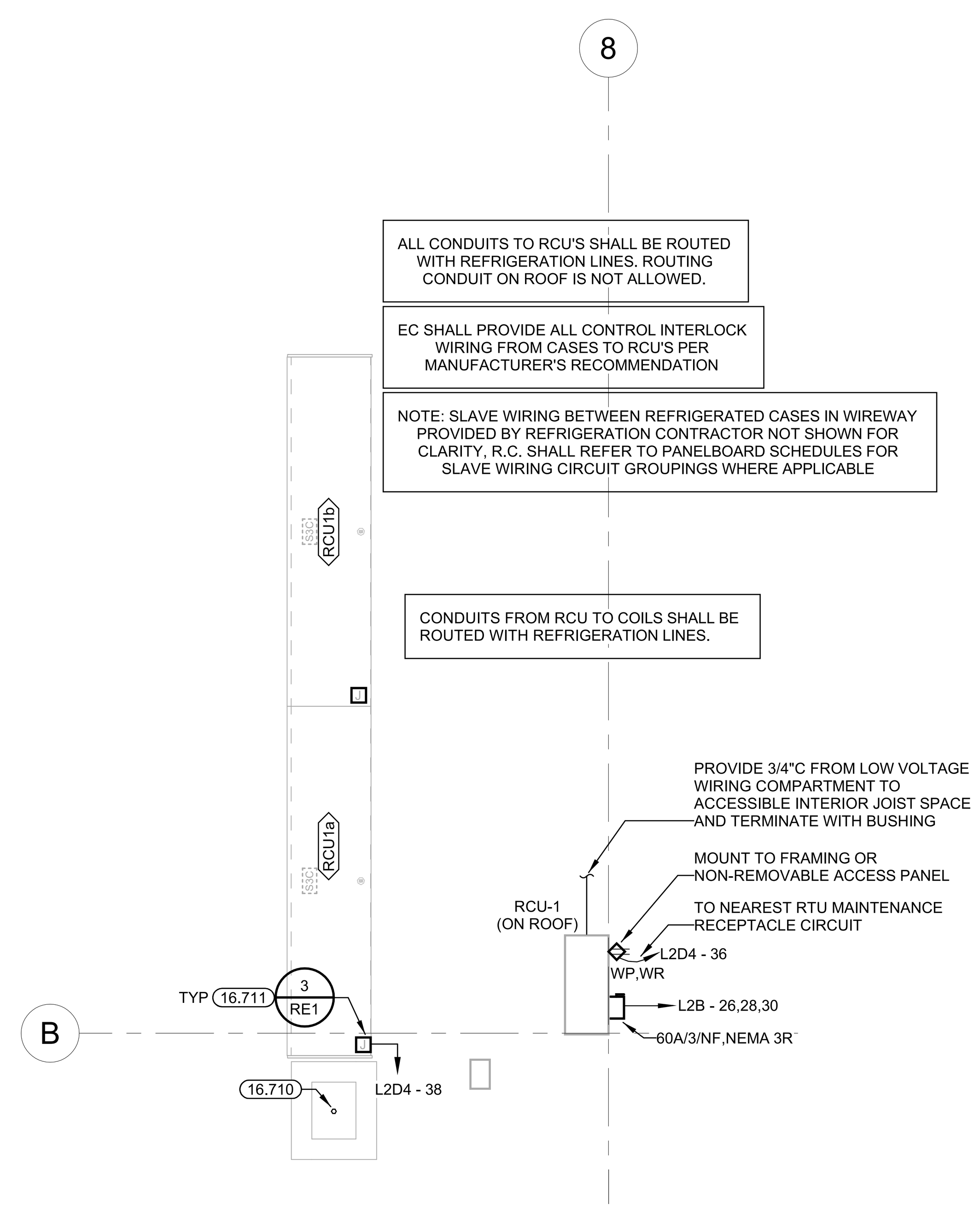
FEEDER SCHEDULE

ALL CONDUIT AND CONDUCTOR SIZES ARE BASED ON EMT WITH 40% FILL, 75ºC RATED TERMINATIONS AND TYPE THHN/THWN-2 INSULATION. FOR NON-EMT CONDUIT OR TERMINATIONS OR INSULATION TYPES RATED LESS THAN 75ºC, MODIFY SIZES ACCORDING TO NEC.

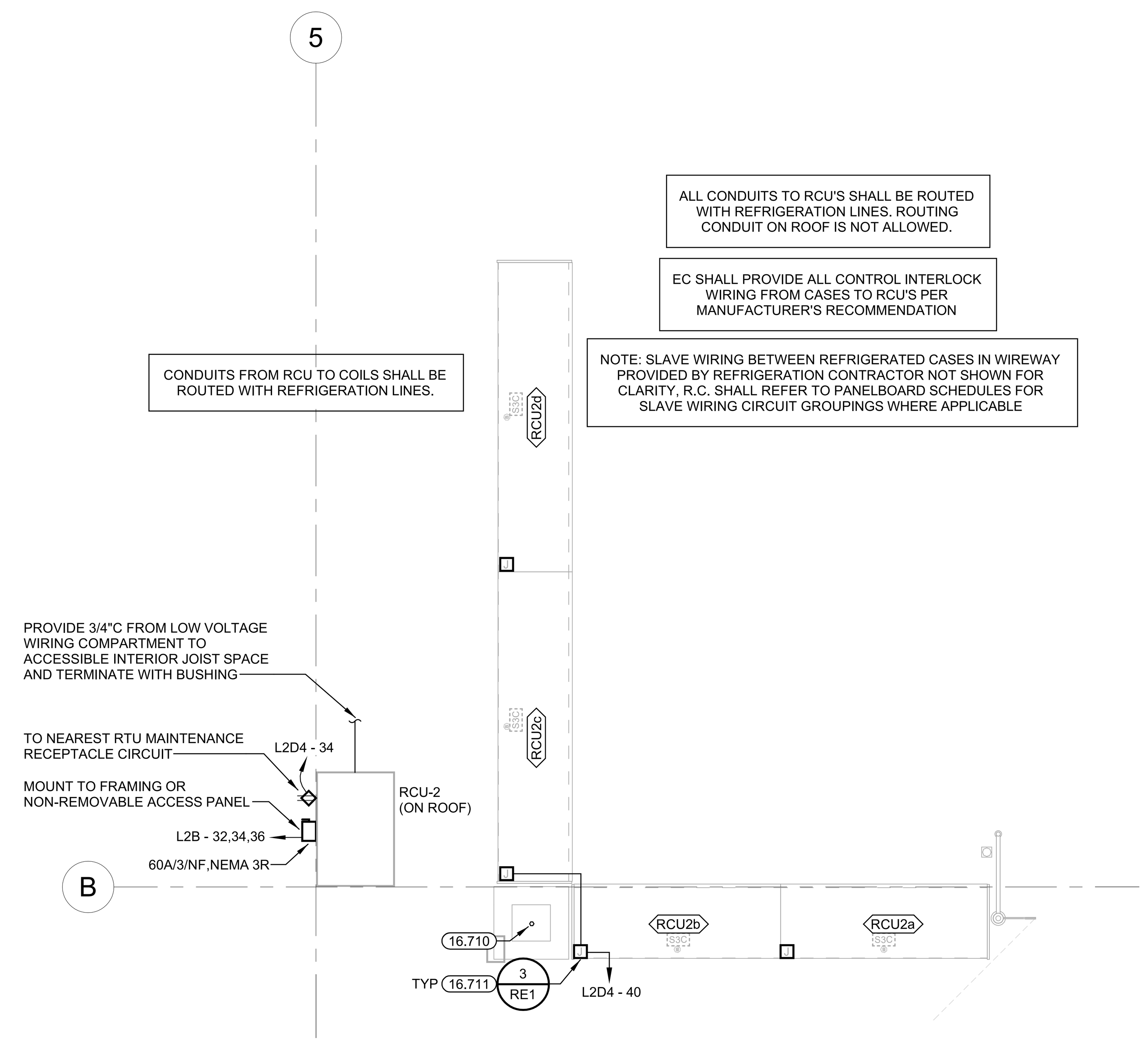
XXX	**FEEDER OR GROUND SIZE**



3 OVERHEAD CASE CONNECTION WIRING
NTS



2 GM CHECKOUT REFRIGERATION ELECTRICAL PLAN
1/4" = 1'-0"



1 GR CHECKOUT REFRIGERATION ELECTRICAL PLAN
1/4" = 1'-0"

GENERAL REFRIGERATION ELECTRICAL NOTES

08.28.20

1. COORDINATE ALL WORK WITH REFRIGERATION CONTRACTOR (R.C.) PRIOR TO INSTALLATION.
2. REFRIGERATED CASES: E.C. SHALL PROVIDE CONDUIT AND WIRE FOR REFRIGERATED CASE FANS, LIGHTS AND ANTI-SWEAT HEATERS, AND (IF APPLICABLE) ELECTRICAL DEFROST. PROVIDE ADEQUATE CONDUCTOR LENGTH TO ALLOW TERMINATION. NEATLY BUNDLE CIRCUITS AND CLEARLY TAG AND LABEL EACH CIRCUIT WITH BRANCH CIRCUIT DESIGNATION AND REFRIGERATION SYSTEM NUMBER FOR FINAL TERMINATION AT CASE BY R.C. REF CASE CONNECTION WIRING DETAIL.
3. IF NEW CASES ARE PROVIDED WITH A FACTORY INSTALLED TERMINAL STRIP AND JUMPERS FOR CONNECTION TO A SINGLE CIRCUIT FOR 120V CASE LOADS, RC SHALL REMOVE FACTORY INSTALLED JUMPERS AS REQUIRED TO UTILIZE EXISTING SEPARATE 120V FAN/LIGHT/ANTI-SWEAT CIRCUITS AS INDICATED ON PLANS AND/OR PANELBOARD SCHEDULES. ANY EXISTING ANTI-SWEAT CONTROL (SWEATMISER) SHALL BE BY-PASSED. CASES UTILIZING ELECTRICAL DEFROST WILL BE PROVIDED WITH SEPARATE 208V TERMINATIONS AT THE TERMINAL STRIP FOR CONNECTION TO THE 208V ELECTRIC DEFROST CIRCUIT. RC SHALL MAKE FINAL TERMINATIONS OF 120V AND 208V POWER CIRCUIT(S) AT CASE TERMINAL STRIP. REFER TO CASE CONNECTION SCHEMATIC ON REFRIGERATION SHEETS.
4. WALK-IN UNITS: PROVIDE CONDUIT AND WIRE FOR EVAPORATOR COIL FANS (CF) AND (IF APPLICABLE) ELECTRIC DEFROST (ED). PROVIDE ADEQUATE CONDUCTOR LENGTH TO ALLOW TERMINATION. NEATLY BUNDLE CIRCUITS AND CLEARLY TAG AND LABEL EACH CIRCUIT WITH BRANCH CIRCUIT DESIGNATION AND REFRIGERATION SYSTEM NUMBER FOR FINAL TERMINATION AT COIL BY R.C. REF EVAPORATOR COIL WIRING DETAIL.
5. ROUTE REFRIGERATED CASE AND WALK-IN UNIT COIL FAN, LIGHTS, ANTI-SWEAT AND DEFROST BRANCH CIRCUITS TO WIREWAYS PROVIDED AT REFRIGERATION EQUIPMENT AND/OR PANELBOARDS AS REQUIRED.
6. REFRIGERATED CASE WIRING COMPARTMENT REPRESENTED ON DRAWING BY JUNCTION BOX.
7. KEEP PENETRATIONS THROUGH WALK-IN UNITS TO A MINIMUM. ROUTE ALL CONDUITS SERVING FREEZERS AND COOLERS ON INSIDE OF BOX.
8. ALL CONDUITS INSTALLED ON TOP OF WALK-IN UNITS SHALL BE A MINIMUM OF 6" FROM ANY EDGE TO ALLOW SPACE FOR EDGE PROTECTION NETTING. DO NOT ROUTE CONDUITS ABOVE THE CEILING GRID ACCESS UNLESS CONDUITS ARE INSTALLED IN JOIST SPACE, REF ARCH.
9. UNDERSLAB CIRCUITS SHALL NOT BE ROUTED UNDER WALK-IN FREEZERS AND SHALL BE ROUTED ABOVE REFRIGERANT LINES WHERE THEY CROSS.
10. CIRCUITS FOR REFRIGERATED CASES SERVED BY UNDERSLAB REFRIGERATION PIPING ARE TO BE ROUTED UNDERSLAB AND EXTENDED TO THE FIRST CASE IN EACH SYSTEM. WIRING AND CONDUIT FOR SLAVE WIRING BETWEEN CASES SHALL BE PROVIDED BY R.C. REFER TO UNDERSLAB CASE CONNECTION WIRING DETAIL.
11. ALL UNDERSLAB CONDUITS SHALL BE 3/4" MIN.
12. CIRCUITS FOR REFRIGERATED CASES SERVED BY OVERHEAD REFRIGERATION PIPING ARE TO BE ROUTED DOWN FROM STRUCTURE AT THE SAME LOCATION AS THE REFRIGERATION PIPING AND EXTENDED TO THE FIRST CASE IN EACH SYSTEM. WIRE AND CONDUIT FOR SLAVE WIRING BETWEEN CASES SHALL BE PROVIDED BY THE R.C. REFER TO OVERHEAD CASE CONNECTION WIRING DETAIL.
13. ON GROUPS OF THREE OR MORE REFRIGERATED CASES WITH ELECTRIC DEFROST, R.C. SHALL CONNECT CASES TO CREATE A THREE-PHASE HEATER CIRCUIT. HEATER LOADS SHALL BE BALANCED BETWEEN PHASES AS EVENLY AS POSSIBLE. REF CASE DEFROST WIRING DETAIL.
14. PROVIDE A SEPARATE NEUTRAL FOR EACH NEW BRANCH CIRCUIT SERVING REFRIGERATED CASES OR WALK-IN UNITS.
15. PROVIDE CIRCUIT BREAKER LOCKING DEVICE (LOCK-OFF FOR MAINTENANCE) ON NEW AND/OR EXISTING CIRCUIT BREAKERS SERVING REFRIGERATED CASES.
16. REFERENCE ARCHITECTURAL DEMOLITION PLANS FOR FULL EXTENT OF DEMOLITION WORK REQUIRED.

KEYNOTES

16.710 BUILDING AUTOMATION CONDUITS: PROVIDE 1" (UNLESS NOTED OTHERWISE) CONDUIT (WITH PULL WIRE) ROUTED FROM 6" ABOVE BOTTOM OF BAR JOIST IN SALES FLOOR ACCESSIBLE CEILING SPACE THROUGH PVC CHASE.

16.711 POINT OF TRANSITION FROM EMT TO FLEX. PROVIDE CONDUIT AND BRANCH CIRCUITS FOR REFRIGERATED CASE FANS, LIGHTS, ANTI-SWEAT HEATERS, AND ELECTRICAL DEFROST (IF REQUIRED). TERMINATION TO REFRIGERATED CASE ELECTRICAL CONNECTION POINT BY R.C. REFER TO CASE CONNECTION WIRING DETAIL.

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REFRIGERATION ELECTRICAL PLAN

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RE1

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DATA SCHEDULE

CABLE	LOCATION - DESCRIPTION	TYPE	PH
D-BKTV-1	BAKERY		2
D-BKTV-2	BAKERY		2
D-BKTV-3	BAKERY		2
D-REG01	CHECKOUT	REG	2
D-REG02	CHECKOUT	REG	2
D-REG03	CHECKOUT	REG	2
D-REG04	CHECKOUT	REG	2
D-REG05	CHECKOUT	REG	2
D-REG06	CHECKOUT	REG	2
D-REG07	CHECKOUT	REG	2
D-REG08	CHECKOUT	REG	2
D-REG09	CHECKOUT	REG	2
D-REG10	CHECKOUT	REG	2
D-REG11	CHECKOUT/SCO	REG	2
D-REG12	CHECKOUT/SCO	REG	2
D-REG13	CHECKOUT/SCO	REG	2
D-REG14	CHECKOUT/SCO	REG	2
D-REG15	CHECKOUT/SCO	REG	2
D-REG16	CHECKOUT/SCO	REG	2
D-REG17	CHECKOUT/SCO	REG	2
D-REG18	CHECKOUT/SCO	REG	2
D-REG19	CHECKOUT/SCO	REG	2
D-REG20	CHECKOUT/SCO	REG	2
D-REG21	CHECKOUT/SCO	REG	2
D-REG22	CHECKOUT/SCO	REG	2
D-REG23	CHECKOUT/SCO	REG	2
D-REG24	CHECKOUT/SCO	REG	2
D-REG25	CHECKOUT/SCO	REG	2
D-REG26	CHECKOUT/SCO	REG	2
D-REG27	CHECKOUT/SCO	REG	2
D-REG28	CHECKOUT/SCO	REG	2
D-REG29	CHECKOUT/SCO	REG	2
D-REG30	CHECKOUT/SCO	REG	2
D-REG31	CHECKOUT/SCO	REG	2
D-REG32	CHECKOUT/SCO	REG	2
D-REG33	CHECKOUT/SCO	REG	2
D-REG34	CHECKOUT/SCO	REG	2
D-REG35	CHECKOUT/SCO	REG	2
D-REG36	CHECKOUT/SCO	REG	2
D-REG37	CHECKOUT/SCO	REG	2
D-CSDPRT	COURTESY DESK	PRT	1
D-REG91	COURTESY DESK	REG	1

DATA SCHEDULE

CABLE	LOCATION - DESCRIPTION	TYPE	PH
D-REG92	COURTESY DESK	REG	1
D-REG94	COURTESY DESK	REG	1
D-REG96	COURTESY DESK	REG	1
D-DW01	COURTESY DESK-DELTA WORKS		1
D-CSD01	COURTESY DESK-WARRANTY PC	TERM	1
D-DLTV-1	DELI		2
D-DLTV-2	DELI		2
D-DLTV-3	DELI		2
D-ELTV-1	ELECTRONICS		2
D-ELTV-2	ELECTRONICS		2
D-ELTV-3	ELECTRONICS		2
D-REG66	ELECTRONICS	REG	2
D-DT3-01	MONEY CENTER		2
D-DT3-02	MONEY CENTER		2
D-DT3-03	MONEY CENTER		2
D-MCTV-1	MONEY CENTER		2
D-MCTV-2	MONEY CENTER		2
D-PBC-01	MONEY CENTER		2
D-PBC-02	MONEY CENTER		2
D-PBC-03	MONEY CENTER		2
D-PBC-04	MONEY CENTER		2
D-RXTV01	PHARMACY	TV	1
D-REG67	SALES-ELECTRONICS	REG	2
D-REG59	SALES-JEWELRY	REG	2
D-ACTV-1	TLE		2
D-ACTV-2	TLE		2

VOICE SCHEDULE

CABLE	LOCATION - DESCRIPTION	TYPE	PH	PHONE MODEL	RESTRICT Y/N/TOLL	CLOSET
V-105	SALES-ELECTRONICS	DESK	2	7960	T	
V-150	COURTESY DESK	DESK	1	7960	N	
V-151	COURTESY DESK	DESK	1	7960	N	
V-359	MONEY CENTER		2			
V-984	MONEY CENTER		2			

GENERAL TELECOM NOTES

08.02.19

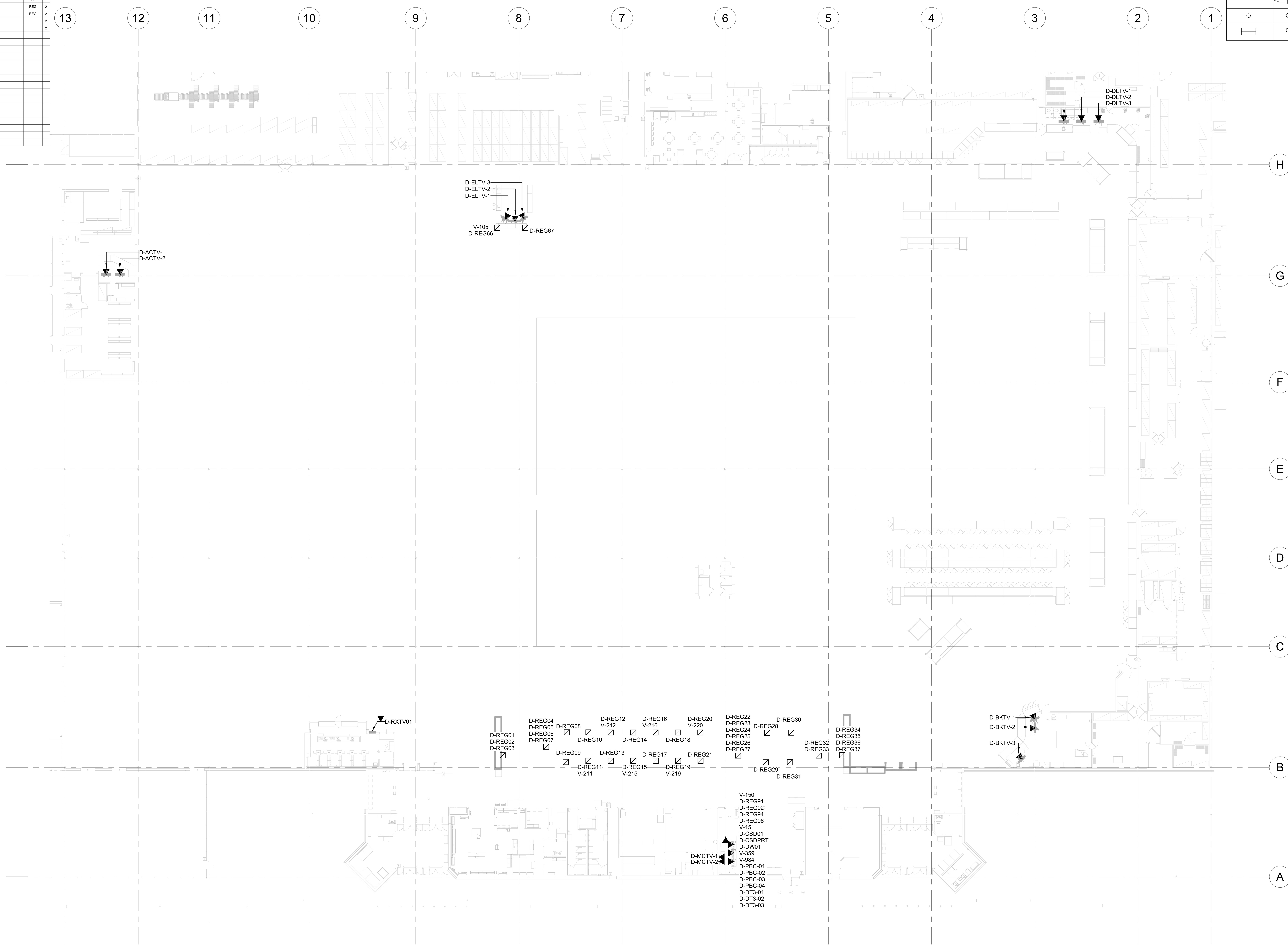
1. VOICE/DATA OUTLET BOXES AND CONDUITS PROVIDED BY ELECTRICAL CONTRACTOR

TELECOM SYMBOLS LEGEND

08.02.19

(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)

SYMBOLS	DESCRIPTION
▼	VOICE/DATA BOX (BOX AND CONDUIT BY OTHERS)
▽	VOICE/DATA BOX
⧄	TELEPOWER POLE
V-951	CABLE IDENTIFICATION NUMBER; TYPE (VOICE/DATA)
○	CONDUIT DROP
├─┤	CONDUIT SLEEVE



1 TELECOM PLAN

1" = 20'-0"

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TELECOM PLAN

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AIR DEVICE SCHEDULE

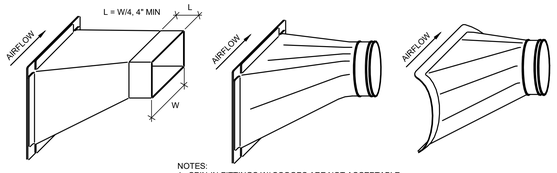
MARK	SERVICE	MANUFACTURER	MODEL	STYLE	FRAME TYPE	FACE SIZE	NOTES
CD1	SUPPLY AIR	TUTTLE & BAILEY E.H.PRICE CARNES	M SMD SKFA	ROUND NECK CEILING DIFFUSER	SURFACE MOUNT	REFER TO DRAWINGS	B, E, I, L, M, N
TG	TRANSFER AIR	TUTTLE & BAILEY E.H.PRICE CARNES	CRE500 80F RAPAF	1/2"x1/2"x1/2" EGGCRATE CEILING GRILLE	LAY-IN	REFER TO DRAWINGS	C, D, E, M
TG1	TRANSFER AIR	TUTTLE & BAILEY E.H.PRICE CARNES	CRE500 80F RAPAF	1/2"x1/2"x1/2" EGGCRATE CEILING GRILLE	SURFACE MOUNT	REFER TO DRAWINGS	C, E

VOLUME / BALANCE DAMPER SCHEDULE

TYPE	MANUFACTURER / MODEL
ROUND	AES / WMVCD RUSKIN / WMRS25
RECTANGULAR	AES / AMD4 RUSKIN / WMD25

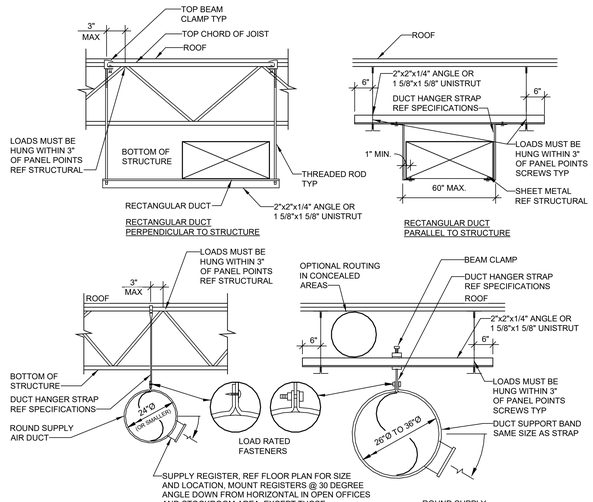
GENERAL INFORMATION (ALL DEVICES):
1. INSTALL BOTTOM OF WALL MOUNTED AIR DEVICES AT ELEVATION INDICATED ON DRAWINGS UNLESS NOTED OTHERWISE.
2. BALANCE DAMPER CONTACTS:
   AES - (800) 798-0402
   RUSKIN - (816) 761-7476

NOTES:
A. 6-WAY (DB1-DB3) OR 4-WAY (DB4-DB8) THROW UNLESS SHOWN OTHERWISE WITH FLOW ARROWS ON PLAN.
B. ALL STEEL CONSTRUCTION.
C. ALL ALUMINUM CONSTRUCTION.
D. BRANCH DUCT SIZE SHALL BE SAME AS NOTED DIFFUSER NECK SIZE UNLESS NOTED OTHERWISE.
E. STANDARD WHITE FINISH.
F. PROVIDE NECK FOR DUCT CONNECTION.
G. DROP BOX DIFFUSERS FURNISHED BY OWNER INSTALLED BY CONTRACTOR. REFERENCE SPECIFICATIONS.
H. PROVIDE INTEGRAL OPPOSED BLADE DAMPERS ON ALL DRUM LOUVERS ON DROP BOXES WITH BRANCH DUCTWORK ATTACHED TO THE SUPPLY PLENUM.
I. PROVIDE MANUFACTURER'S OPPOSED BLADE DAMPER ACCESSIBLE THROUGH FACE UNLESS NOTED OTHERWISE.
J. PROVIDE WITH FASTENERS FOR COMPLETE (NON-HINGED) REMOVABILITY OF GRILLE. DO NOT PROVIDE FILTER UNLESS NOTED OTHERWISE.
K. TWO 2" SLOTS WITH MANUFACTURER'S INSULATED PLENUM (TUTTLE & BAILEY LP, PRICE JSPI, CARNES CXPC.)
L. REFER TO PLANS FOR DIRECTIONAL ARROWS INDICATING CFM THROWS FOR PROPER GRILLE SELECTION. NO DIRECTIONAL ARROWS INDICATES 4-WAY THROW.
M. PROVIDE ROUND NECK ADAPTER
N. PROVIDE CEILING TRANSITION REGISTER BOX WITH 16" OR 24" PLATE FOR ROUGH-IN.

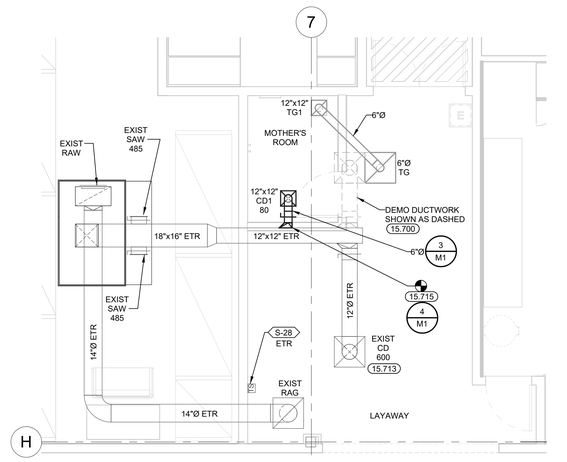


NOTES:
1. SPIN-IN FITTINGS W/ SCOOPS ARE NOT ACCEPTABLE
2. REF PLANS FOR RUNOUT SIZES
3. 45° LEAD IN

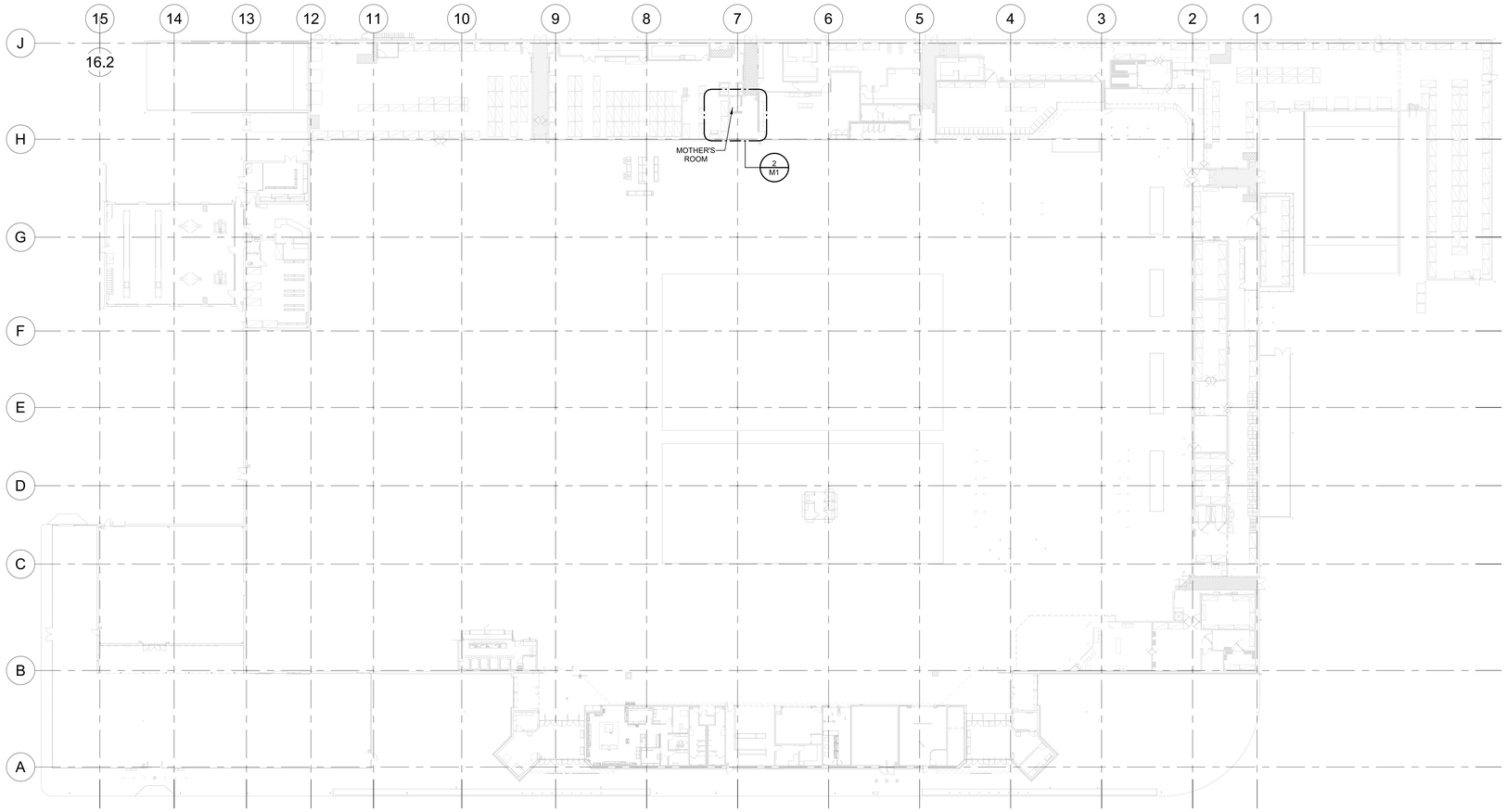
4 HIGH EFFICIENCY BRANCH DUCT FITTING
NTS



3 DUCT SUPPORT AND GRILLE
NTS



2 MOTHER'S ROOM MECHANICAL PLAN
1/4" = 1'-0"



1 OVERALL MECHANICAL PLAN
1" = 30'-0"

KEYNOTES

15.700	REMOVE AIR DEVICES AND DUCTWORK SHOWN DASHED UNLESS OTHERWISE NOTED AND CAP OFF DUCTWORK TO REMAIN. PATCH AND REPAIR DUCTWORK AS NEEDED INCLUDING SEALING DUCTWORK TO REMAIN PER SPECIFICATIONS.
15.713	REBALANCE AIR DEVICE TO CFM SHOWN. REDISTRIBUTE AIR FROM EXISTING DUCTWORK TO MATCH NEW CFM REQUIREMENTS. FIELD VERIFY LOCATION OF EXISTING DUCTWORK.
15.715	CONNECT NEW DUCTWORK TO EXISTING SUPPLY DUCTWORK. REDISTRIBUTE AIR FROM EXISTING DUCTWORK TO MATCH NEW CFM REQUIREMENTS. FIELD VERIFY LOCATION OF EXISTING DUCTWORK.

GENERAL NOTES

1. GENERAL NOTES ARE APPLICABLE TO ALL MECHANICAL DRAWINGS.
2. PROVIDE ALL MATERIALS FOR A COMPLETE INSTALLATION IN ALL RESPECTS AND READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES AND MANUFACTURERS RECOMMENDATIONS.
3. STORE MUST BE KEPT IN OPERATION,ARRANGE ALL WORK TO KEEP DISRUPTIONS TO STORE OPERATIONS TO A MINIMUM. COORDINATE WITH EXISTING AND NEW CONSTRUCTION. PAY ALL NECESSARY FEES AND PERMITS.
4. IF NEW CONSTRUCTION DISRUPTS EXISTING UNDERGROUND SERVICES (GAS, SEWER, DOMESTIC WATER, FIRE SPRINKLER, ETC.), PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO MAINTAIN THEIR PROPER OPERATION.
5. CONTRACTOR IS RESPONSIBLE FOR UTILIZING OWNER APPROVED ROOFING CONTRACTORS FOR CUTTING AND PATCHING ROOF.
6. CONTRACTOR SHALL FURNISH AND INSTALL EXHAUST FANS AND EXHAUST FAN CURBS. CONTRACTOR SHALL INSTALL ALL STRUCTURAL SUPPORTS FOR FANS. REFERENCE ARCHITECTURAL/STRUCTURAL SHEETS FOR DETAILS.
7. CONTRACTOR SHALL INSTALL OWNER FURNISHED RTU CURB AND TEMPORARY COVER CURB PER ARCH DETAIL (IF USED). RTU'S SHALL BE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. CURB ADAPTOR (IF USED) SHALL BE FURNISHED BY OWNER AND INSTALLED BY CONTRACTOR. RTU SHALL BE SET ON ROOF CURB. DO NOT SET RTU DIRECTLY ON ROOF. COORDINATE RTU INSTALLATION WITH WALMART CONSTRUCTION MANAGER AND AES AS REQUIRED FOR RTU/AHU CURB ADAPTERS.
8. REPLACE FILTERS ON NEW RTU NO MORE THAN ONE DAY PRIOR TO STARTING TEST & BALANCE PROCEDURES. FILTERS SHALL BE 2" THICK EQUAL TO FARR 30/30.
9. LABEL RTU WITH 6" BLACK PERMANENT PAINT STENCIL AND LABEL SENSOR WITH 2" HIGH BLACK PERMANENT PAINT STENCIL. NUMBER THE SENSOR TO CORRESPOND WITH RTU IT CONTROLS. LOCATE LABEL FOR UNIT NEAR ITS DISCONNECT SO IT IS READABLE FROM ROOF HATCH.
10. IF RTUS ARE INSTALLED BEFORE ROOFING IS COMPLETED, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DAMAGE WHICH OCCURS DURING THE ROOFING PROCESS, INCLUDING TAR ON COILS.
11. ROOFTOP UNIT CONDENSATE SHALL BE ROUTED TO DRAIN WITH THE SLOPE OF THE ROOF.
12. MECHANICAL FAILURE OF NEW ROOFTOP UNITS PRIOR TO ACCEPTANCE BY OWNER, SHALL BE REPAIRED OR REPLACED BY CONTRACTOR THROUGH WARRANTY AGREEMENT WITH MANUFACTURER.
13. IF APPLICABLE, COORDINATE ALL NEW GAS PIPING AND ROOF EQUIPMENT WITH EXISTING GAS PIPING, SKYLIGHTS, AND ROOF EQUIPMENT. FIELD VERIFY EXISTING CONDITIONS.
14. ROOFTOP UNITS BEING ADDED TO EXISTING ROOF STRUCTURE SHALL BE INSTALLED WHEN THE UNITS ARRIVE AT THE JOB SITE. REFERENCE ARCHITECTURAL/STRUCTURAL SHEETS FOR DETAILS.
15. INSTALL VTR'S A MINIMUM OF 24" AND FLUES A MINIMUM OF 36" FROM ROOF EDGE AND/OR PARAPET WALLS. INSTALL VTR'S, FLUES AND EXHAUST FANS A MINIMUM OF 10 FT FROM OUTSIDE AIR INTAKE OF ROOF TOP UNITS. INSTALL EXHAUST FANS AND ROOF TOP UNITS A MINIMUM OF 10 FT FROM ROOF EDGE OR A MINIMUM OF 60" FROM PARAPET WALLS THAT ARE AT LEAST 42" HIGH.
16. COORDINATE LOCATION OF DUCTWORK AND DIFFUSERS WITH LIGHT FIXTURES TO PREVENT EXCESSIVE SHADOWING OF THE SALES OR STOCK FLOORS. LIGHT FIXTURE LOCATIONS TAKE PRECEDENCE. FIELD VERIFY STRUCTURAL CONDITIONS BEFORE FABRICATION OF DUCTWORK.
17. FLEXIBLE DUCT CONNECTIONS TO NEW OR RELOCATED DIFFUSERS AND GRILLES ARE PROHIBITED. INSPECT CONDITION OF EXISTING DUCT AND REPLACE DAMAGED DUCT WITH EQUIVALENT TYPE OF DUCT AS REQUIRED.
18. DUCT SIZES SHOWN ON DRAWINGS ARE NET FREE AREA. CONTRACTOR'S OPTION, ROUND DUCTWORK OF EQUIVALENT FREE AREA MAY BE USED IN LIEU OF RECTANGULAR. INCREASE RECTANGULAR SHEET METAL SIZE AS REQUIRED FOR LINER. REFER TO SPECIFICATIONS FOR THE INSULATION THICKNESS.
19. DUCT SUPPORT AND GRILLE DETAIL IS APPLICABLE THROUGHOUT THE STORE. DO NOT USE FASTENERS THAT PENETRATE ROOF DECK.
20. TYPICAL BRANCH DUCT FITTING DETAIL IS APPLICABLE THROUGHOUT THE STORE.
21. PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC ZONE REQUIREMENTS PER SMACNA PUBLISHED SEISMIC DETAILS, LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR PERMITTING.
22. BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
23. INSTALL ASSET TAGS ON ALL NEW RTU'S AND AHU'S AND COMPLETE THE DATA COLLECTION INFORMATION. DELETE DEMOED ASSETS FROM ASSET TAGGING APPLICATION. REFER TO SPECIFICATIONS.

REFER TO MANUFACTURER'S INSTALLATION INSTRUCTION FOR RTU AND AHU RIGGING SPECIFICATIONS AND DETAILS.

24 HOURS PRIOR TO SHUTTING DOWN ANY REFRIGERATION SYSTEMS, HVAC SYSTEMS, OR ENERGY MANAGEMENT CONTROLS SYSTEMS, SEND E-MAIL TO NSRM@WALMART.COM. THE E-MAIL SHALL STATE WHAT, WHY, AND WHEN IT IS BEING SHUT DOWN AND HOW LONG IT IS ANTICIPATED TO BE DOWN. THEN SEND A FOLLOW UP E-MAIL TO NSRM@WALMART.COM AFTER THE WORK IS COMPLETE AND THE SYSTEM IS BACK UP AND RUNNING.

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OVERALL & ENLARGED MECHANICAL PLANS, DETAILS & SCHEDULES

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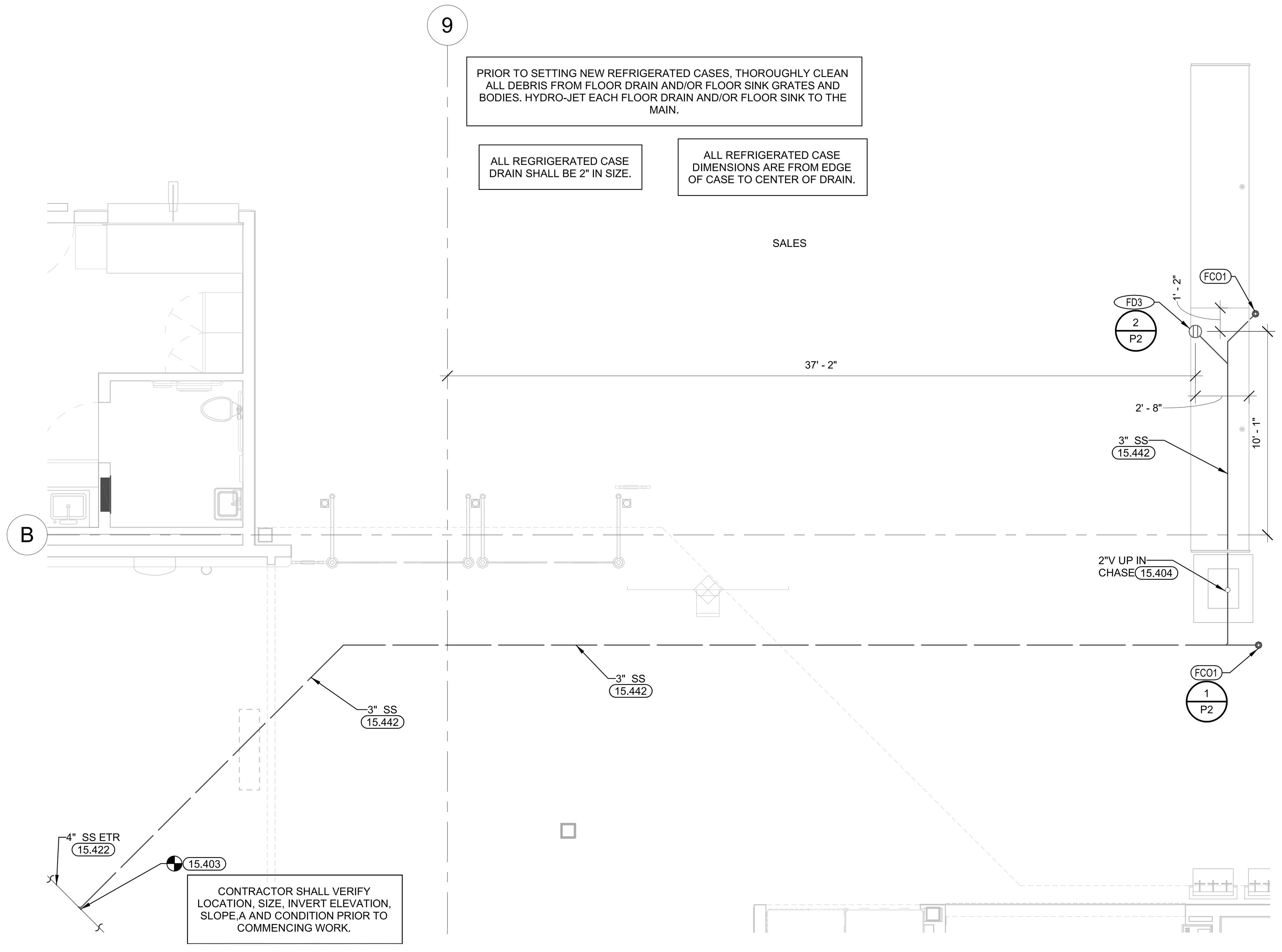
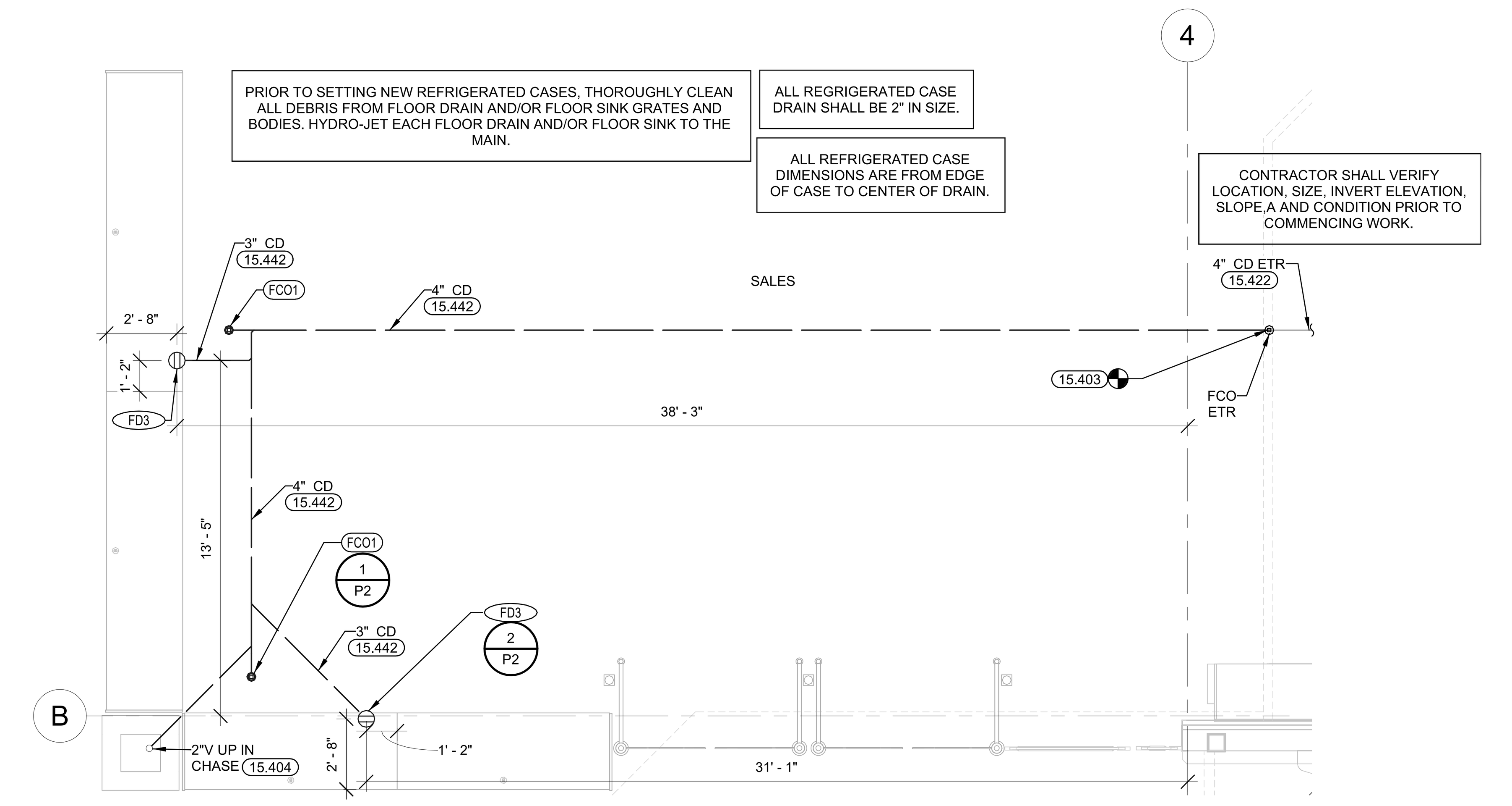
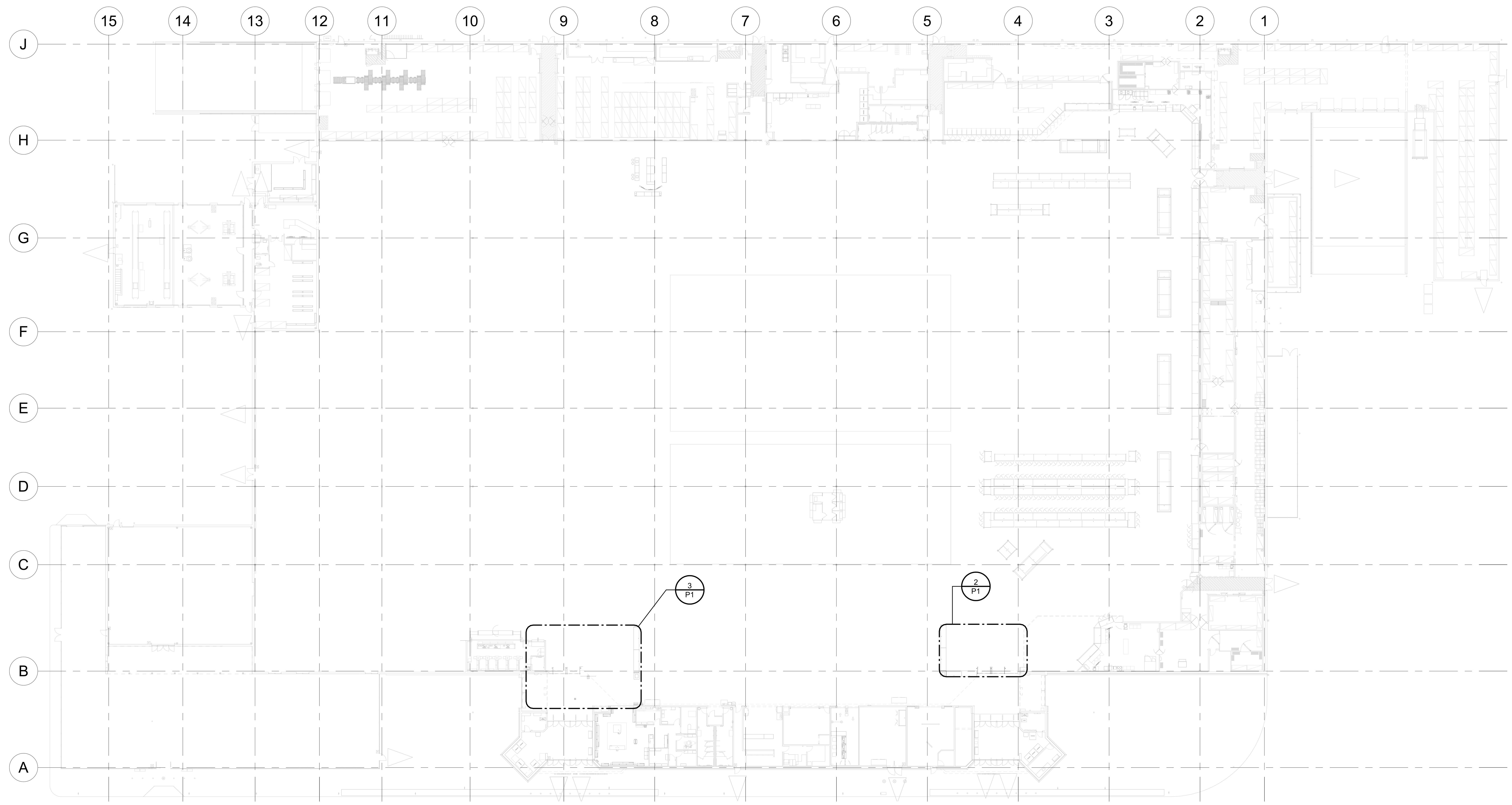


3 GR CHECKOUT PLUMBING PLAN
1/4" = 1'-0"



2 GM CHECKOUT PLUMBING PLAN
1/4" = 1'-0"



1 OVERALL PLUMBING PLAN
1" = 30'-0"

KEYNOTES

15.403	CONNECT TO EXISTING SANITARY PIPE OF EQUAL OR LARGER SIZE. VERIFY SIZE, LOCATION, ELEVATION, AND FLOW DIRECTION AT SITE.
15.404	CONNECT TO EXISTING VENT PIPE OF EQUAL OR LARGER SIZE. VERIFY SIZE AND LOCATION AT SITE.
15.422	EXISTING PIPING TO REMAIN (VERIFY LOCATION IN FIELD).
15.442	TRENCHING AND BACKFILL BY GC, REF ARCH PLANS. COORDINATE WITH GC FOR INSTALLATION SCHEDULE.

GENERAL NOTES

12.20.13

1. GENERAL NOTES ARE APPLICABLE TO ALL PLUMBING DRAWINGS.
2. PROVIDE ALL MATERIALS FOR A COMPLETE INSTALLATION IN ALL RESPECTS AND READY FOR INTENDED USE AND IN STRICT ACCORDANCE WITH STATE AND LOCAL CODES AND MANUFACTURERS RECOMMENDATIONS.
3. STORE MUST BE KEPT IN OPERATION. ARRANGE ALL WORK TO KEEP DISRUPTIONS TO STORE OPERATIONS TO A MINIMUM. COORDINATE WITH EXISTING AND NEW CONSTRUCTION. PAY ALL NECESSARY FEES AND PERMITS.
4. IF NEW CONSTRUCTION DISRUPTS EXISTING UNDERGROUND SERVICES (GAS, SEWER, DOMESTIC WATER, FIRE SPRINKLER, ETC.), PROVIDE ALL MATERIALS AND LABOR AS REQUIRED TO MAINTAIN THEIR PROPER OPERATION.
5. CONTRACTOR IS RESPONSIBLE FOR UTILIZING OWNER APPROVED ROOFING CONTRACTORS FOR CUTTING AND PATCHING ROOF.
6. EXISTING PIPE SIZES AND LOCATIONS HAVE NOT BEEN FIELD VERIFIED. CONTRACTOR IS RESPONSIBLE TO FIELD VERIFY LOCATION AND SIZES OF ALL EXISTING PIPING THAT IS BEING CONNECTED TO OR MODIFIED, AND TO VERIFY THAT PROPER SLOPES AND ELEVATIONS ARE AVAILABLE. MAINTAIN MINIMUM SLOPE OF 1/8" PER FOOT FOR SAN SEWER PIPING 3" OR LARGER. MAINTAIN MINIMUM SLOPE OF 1/4" PER FOOT FOR SAN SEWER PIPING SMALLER THAN 3". REF ARCH. FOR TRENCHING REQUIREMENTS.
7. PLUMBING CONTRACTOR SHALL VERIFY EXISTING SEWER AND VENT PIPE SIZE AND ELEVATION AND SHALL VERIFY THAT PROPER SLOPES ARE AVAILABLE BEFORE CUTTING FLOOR SLAB FOR NEW SEWER PIPING.
8. PROVIDE ACCESS DOORS TO NEW WATER VALVES AND CLEANOUTS AS NECESSARY WHEN INSTALLED IN INACCESSIBLE AREAS.
9. PLUMBING CONTRACTOR SHALL PROVIDE ONE YEAR WARRANTY FOR PROPER SEWER SYSTEM OPERATION.
10. SANITARY DRAINAGE LINES AND FITTINGS (DRAIN, WASTE AND VENT) SHALL BE CAST IRON, COATED INSIDE AND OUTSIDE. WHERE PERMITTED BY LOCAL CODES, PVC-DWV PLASTIC SCHEDULE 40 MAY BE USED IN LIEU OF CAST IRON. ALL PHOTOLAB PLUMBING SHALL BE PVC.
11. WATER PIPING ABOVE GRADE SHALL BE TYPE "L" HARD DRAWN COPPER JOINED WITH WROUGHT COPPER FITTINGS. MAKE JOINTS USING LEAD-FREE SOLDER AND A NON-CORROSIVE, PASTE-TYPE FLUX. MAKE PIPING CONNECTIONS TO A FIXTURE WITH CHROME-PLATED SEAMLESS BRASS TUBE. INSULATE HOT & COLD WATER PIPING WITH RIGID GLASS FIBER A MINIMUM OF 1/2" THICK WITH WHITE ALL-SERVICE JACKET (VAPOR RETARDER).
12. PROVIDE AUTOMATIC TRAP PRIMERS ON FLOOR DRAINS IF REQUIRED BY LOCAL PLUMBING CODES.
13. ALL FLOOR CLEANOUTS SHALL BE INSTALLED FLUSH WITH FLOOR FINISH MATERIAL OR FLUSH WITH CONCRETE SLAB IF NO FLOOR FINISH MATERIAL IS CALLED OUT FOR ON ARCHITECTURAL DRAWINGS.
14. LOCATE ALL FLOOR CLEAN-OUTS OUT OF TRAFFIC WAYS, WHILE MAINTAINING ACCESSIBILITY. LOCATE PER DIMENSIONS IF SHOWN ON PLANS.
15. FLOOR CUTS SHALL BE STRAIGHT AND CLEAN, REPLACE REMOVED SLAB WITH CONCRETE FLUSH AND SMOOTH WITH ADJACENT FLOOR SLAB. REFERENCE ARCHITECTURAL SHEETS. COORDINATE WITH GENERAL CONTRACTOR.
16. CAP ALL PIPING OPENINGS DURING CONSTRUCTION UNTIL FINAL CONNECTIONS TO EQUIPMENT AND ACCESSORIES ARE MADE.
17. CUT AND PATCH EXISTING CONCRETE FLOOR SLAB FOR INSTALLATION OF NEW UNDERGROUND PLUMBING PIPE. MATCH EXISTING CONSTRUCTION.
18. DO NOT INSTALL PIPING WITHIN COOLER PANELS. INSTALL EXPOSED PIPING IN PREP AREAS A MINIMUM OF 1" FROM PANEL WALL AND 6" ABOVE FINISHED FLOOR TO ALLOW FOR CLEANING. USE ONLY NON-CORROSIVE MATERIALS FOR SPACERS AND ANCHORS.
19. PROVIDE ESCUTCHEON PLATES FOR PLUMBING PENETRATIONS THROUGH GROCERY CEILINGS AND WALLS.
20. PROVIDE AIR TIGHT SEAL AROUND PIPING PENETRATIONS THROUGH COOLER/FREEZER WALLS AND CEILINGS. FINISH WITH ESCUTCHEON PLATE.
21. PROVIDE HEAT TAPE AND INSULATION ON ALL WATER AND DRAIN PIPING EXPOSED TO FREEZING.
22. INSTALL CONTINUOUS SEALANT JOINT AT ALL EXTERIOR WALL PENETRATIONS.
23. AT CONTRACTOR'S OPTION (U.N.O), IN LIEU OF COPPER WATER PIPING, PEX OR AQUATHERM PIPING MAY BE USED. REFER TO EQUIVALENT NOMINAL PIPE SIZES SCHEDULE AND SPECIFICATIONS.
24. PROVIDE SEISMIC BRACING BASED ON APPROPRIATE SEISMIC ZONE REQUIREMENTS PER SMACNA PUBLISHED SEISMIC DETAILS, LOCAL AND NATIONAL CODES. CONTRACTOR'S RESPONSIBILITY INCLUDES STRUCTURAL ENGINEER'S CERTIFICATION ON DETAILS SUBMITTED FOR PERMITTING.
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11/22/21

OVERALL & ENLARGED PLUMBING PLANS

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FLOOR DRAIN SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION
FD3	SIOUX CHIEF JOSAM	860 FD-370	LIGHT DUTY PVC WITH 9" DIAMETER LOOSE SET PVC HALF GRATE

CLEANOUT SCHEDULE

MARK	MANUFACTURER	MODEL	DESCRIPTION
FCO1	ZURN SIOUX CHIEF MIFAB JAY R. SMITH JOSAM WATTS OATEY	Z1400 852 C1100 4231 55000 CO-200-RX-4 74000	CAST IRON OR PVC BODY, ROUND EXTRA HEAVY-DUTY CAST OR DUCTILE IRON TOP, POLYPROPYLENE OR ABS PLUG, ADJUSTABLE TO FINISH SURFACE.

GENERAL INFORMATION (AS APPLICABLE):
1. REFER TO PLANS FOR DRAIN OUTLET SIZE.
2. LOAD CLASSIFICATIONS: LIGHT DUTY <2000 LBS, MEDIUM DUTY 2000 TO 4999 LBS, HEAVY DUTY 5000 TO 7499 LBS, EXTRA HEAVY DUTY 7500 TO 9999 LBS.

SPECIALTY PLUMBING FIXTURE SCHEDULE

MARK	FIXTURE	MANUFACTURER	MODEL	FIXTURE DESCRIPTION
WPG	WATER PRESSURE GAUGE	AMETEK TRERICE WEISS INSTRUMENTS	656 D83LFSS LF252	2.5 INCH STAINLESS STEEL CASE, ALL WETTED PARTS STAINLESS STEEL, LIQUID FILLED, 1/4 INCH NPT CONNECTOR, 1.6% ACCURACY, 30" HG VAC TO 100 PSI RANGE.
WHA	WATER HAMMER ARRESTOR	JOSAM PRECISION PLUMBING PRODUCTS WATTS WILKINS JAY R. SMITH SIOUX CHIEF MIFAB	SERIES 75000 STAINLESS STEEL #316 SERIES SS SERIES MODEL 1250XL SERIES HYDROTROLS HYDRA-RESTER MWH	LEAD FREE CONFORM TO PDI WH-201, ANSI A112.26.1M, ASSE 1010.
FCV30	FLOW CONTROL VALVE	BELL & GOSSETT FLOW DESIGN	# CB LF "CIRCUIT SETTER PLUS" ICSS050	LEAD FREE NAMEPLATE AND 1/2" VALVE BODY SIZE UNLESS SHOWN OTHERWISE ON PLANS. SET AND BALANCE TO 0.25 GPM OR PROVIDE 0.25 GPM CARTRIDGE UNLESS SHOWN OTHERWISE ON PLANS AND PER MANUFACTURER'S INSTALLATION INSTRUCTIONS.
DCV	DOUBLE-CHECK VALVE BACKFLOW PREVENTER (STAINLESS STEEL)	WATTS	SS007QT-S	ASSE 1015, 316 STAINLESS STEEL BODY, QUARTER TURN TEST COCKS, QUARTER TURN, FULL PORT BALL VALVES AND STAINLESS STEEL STRAINER.
---	CHECK VALVES	RED-WHITE APOLLO CRANE WATTS NIBCO	232 SERIES 61-100 119J 9 T-413	BRASS JACKET WITH PLASTIC VALVE ASSEMBLY
---	DOUBLE-CHECK VALVE BACKFLOW PREVENTER	WATTS BEECO FEBCO WILKINS	LF007QT OR LF709 FDC-LF LF850 350XL OR 950XLT2	LEAD FREE, INCLUDE TWO INDEPENDENT-ACTING CHECK VALVES, TWO SHUT-OFF VAVLES AND REQUIRED MEANS FOR TESTING FOR EACH ASSEMBLY. MINIMUM 175 PSI WORKING PRESSURE.
---	LOCKABLE SHUT OFF VALVES	RED-WHITE APOLLO CRANE WATTS	5042 SERIES 70LF-100 LF-T-255 LFB-6000 OR LFB-6001	BRASS BALL VALVES WITH PLASTIC JACKETED LEVER TYPE HANDLE.
---	REDUCED PRESSURE BACKFLOW PREVENTER	WATTS BEECO FEBCO WILKINS	LF009QT OR LF909 FRP-LF LF860 375XL OR 975XL	LEAD FREE, PROVIDE STRAINER, SHUT-OFF VALVES AND TEST COCKS: INSTALL DRAIN LINE WITH AIR GAP ASSEMBLY TO RECEPTOR APPROVED BY AUTHORITY HAVING JURISDICTION. MINIMUM 175 PSI WORKING PRESSURE.
---	REDUCED PRESSURE BACKFLOW PREVENTER (STAINLESS STEEL)	WATTS	SS009M3QT-S	LEAD FREE, STAINLESS STEEL REDUCED PRESSURE ZONE ASSEMBLY. FURNISHED WITH STAINLESS STEEL STRAINER, VANDAL RESISTANT TEST COCKS, AND FULL PORT QUARTER TURN BALL VALVE SHUTOFFS. INSTALL DRAIN LINE WITH AIR GAP ASSEMBLY TO RECEPTOR APPROVED BY AUTHORITY HAVING JURISDICTION. MINIMUM 175 PSI WORKING PRESSURE.
---	STRAINER	WATTS APOLLO	LF777SI 59-004-06	CAST BRONZE Y-STRAINER WITH BALL VALVE
---	TRAP PRIMER (MULTIPLE TRAPS)	PRECISION PLUMBING PRODUCTS MIFAB JOSAM SIOUX CHIEF	PRIME RITE OR OREGON #1 M-500-NPB 88300 SERIES 695	LEAD FREE, PROVIDE ALL BRONZE PRIMER VALVE WTIH REMOVABLE OPERATING PARTS, INTEGRAL VACUUM BREAKER, GASKETED ACCESS COVER, AND MULTIPLE TRAP CAPABILITY
---	TRAP PRIMER (SINGLE TRAP)	PRECISION PLUMBING PRODUCTS SIOUX CHIEF	PRIME-RITE OR OREGON #1 695	LEAD FREE, PROVIDE ALL BRONZE PRIMER VALVE WITH REMOVABLE OPERATING PARTS, INTEGRAL VACUUM BREAKER, AND GASKETED ACCESS COVER.
---	VACUUM RELIEF VALVE	WATTS	LFN36-M1	LEAD FREE BRASS BODY. CSA/ANSI Z21.22
---	VALVES	RED-WHITE APOLLO CRANE WATTS NIBCO	5044AB OR 5049AB SERIES 70 LF LF9210 SERIES LFFBV-3C OR LFFBVS-3C FP-600-A-LF	LEAD FREE FULL PORT BRASS BALL VALVE WITH PLASTIC JACKETED LEVER TYPE HANDLE.

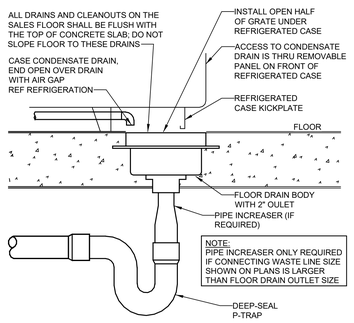
GENERAL INFORMATION:
1. THIS SCHEDULE IS COMPREHENSIVE. ALL MARKS MAY OR MAY NOT BE USED.

PLUMBING SYMBOLS

SS	SANITARY SEWER
GW	GREASE WASTE
OW	OIL WASTE
ST	STORM SEWER
RD	ROOF DRAIN LINE
ORD	OVERFLOW ROOF DRAIN LINE
–	DOMESTIC COLD WATER
– – –	DOMESTIC HOT WATER
– – – –	DOMESTIC HOT WATER RETURN
IW	IRRIGATION WATER
T	TEPID OR TEMPERED WATER
F	FILTERED WATER
G	NATURAL GAS
A	COMPRESSED AIR
CD	CONDENSATE DRAIN
RO	REVERSE OSMOSIS WATER
V	PLUMBING VENT
VAC	PLUMBING VACUUM
	UNION
	GAS PRESSURE REGULATOR
	GAS COCK
	ELBOW - TURNED DOWN
	ELBOW - TURNED UP
	TEE - TURNED DOWN
	TEE - TURNED UP
	BALL VALVE
	FLOW CONTROL VALVE
	PLUG VALVE
	CHECK VALVE
	SHUT-OFF VALVE IN VERTICAL LINE
	BACKFLOW PREVENTER
M	WATER METER
WHA	WATER HAMMER ARRESTOR
	THERMOMETER
	T & P RELIEF VALVE
TMV	THERMOSTATIC MIXING VALVE
FD	FLOOR DRAIN
RD	ROOF DRAIN/OVERFLOW ROOF DRAIN
FS	FLOOR SINK
FCO	FLOOR CLEANOUT
YCO	YARD CLEANOUT
FPWH	FREEZE PROOF WALL HYDRANT
HB	HOSE BIBB
WCO	WALL CLEANOUT
	CONNECT TO EXISTING
ETR	EXISTING TO REMAIN
	DEMO PIPE
	AREA OF SLAB CUT
VBF	VENT BELOW FLOOR

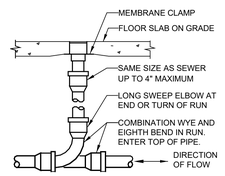
EQUIVALENT NOMINAL PIPE SIZES			
PLAN SIZE (COPPER)	POLYPROPYLENE HOT WATER	POLYPROPYLENE COLD WATER	PEX
1/2"	1/2"	1/2"	1/2"
3/4"	3/4"	3/4"	1"
1"	1"	1"	1 1/4"
1 1/4"	1 1/2"	1 1/4"	1 1/2"
1 1/2"	2"	1 1/2"	2"
2"	2 1/2"	2"	N/A
2 1/2"	3"	2 1/2"	N/A
3"	3 1/2"	3"	N/A
4"	6"	4"	N/A

NOTE: REFER TO SPECIFICATIONS FOR APPROVED MANUFACTURERS.



LOCATE FLOOR DRAIN WHERE SHOWN ON DIMENSIONED PLUMBING FLOOR PLAN

2 REFRIGERATED CASE DRAIN
NTS



1 FLOOR CLEANOUT
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JOSE J DIAZ-VELAZQUEZ LICENSE No. 78474 STATE OF FLORIDA PROFESSIONAL ENGINEER

11/22/21

PLUMBING DETAILS AND SCHEDULES

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GENERAL NOTES

1.0 GENERAL
- 1.1 JOHNSTON BURKHOLDER ASSOCIATES HAS DESIGNED THE BASE ANCHORAGE FOR THE FIXTURES SHOWN ON THIS INSTALLATION DRAWING TO RESIST WIND/SEISMIC LATERAL FORCES. INSTALLATION OF THE FIXTURES SHALL MEET THE LAYOUT SHOWN ON THE FIXTURE LAYOUT PLAN, PROVIDED BY OWNER.

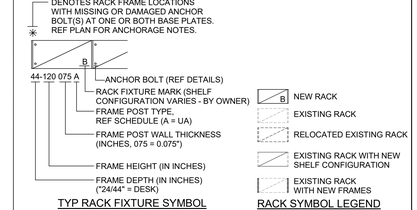
2.0 SLAB AND FOUNDATION
- 2.1 SLAB ON GRADE IS ASSUMED TO HAVE A MINIMUM OF 3,500 PSI COMPRESSIVE STRENGTH.
- 2.2 THE SLAB ON GRADE IS ASSUMED TO BE A MINIMUM OF 4 INCHES THICK, UNREINFORCED AND PLACED OVER A MINIMUM OF 4 INCHES OF DRAINAGE FILL.
- 2.3 THE SLAB ON GRADE IS DESIGNED TO BEAR ON A NET SOIL BEARING CAPACITY OF 1500 PSF MINIMUM.

3.0 MATERIAL FOR RACKS AND ANCHORAGE
- 3.1 ALL ANCHORS TO THE SLAB SHALL BE AS NOTED ON THESE PLANS.
- 3.2 OWNER IS TO PROVIDE MAINTAINENCE PER RMI/ANSI MH16.1 SECTION 1.4.1.
- 3.3 FIXTURE INSTALLER SHALL OBTAIN OUT-OF-PLUMB INSTALLATION TOLERANCE FROM FIXTURE SUPPLIER PRIOR TO INSTALLATION PER RMI/ANSI MH16.1 SECTION 1.4.11.1.
- 3.4 NO FIELD WELDING IS PERMITTED. ALL WELDING SHALL BE PERFORMED BY CERTIFIED WELDERS, IN AN APPROVED SHOP. USE E70xx WELD RODS OR EQUAL TO TENSILE STRENGTH OF BASE METAL OF WELDMENTS. PER AWS D1.1 OR D1.3.
- 3.5 PROVIDE 6" AT 120" TALL RACKS AND 4 1/2" AT RACKS LESS THAN 120" (OR EQUAL TO 5% OF THE UPRIGHT FRAME HEIGHT) MINIMUM CLEARANCE BETWEEN OTHER RACK FIXTURES OR ADJACENT BUILDING ELEMENTS PER ASCE 7-16, SECTION 15.5.3.3.4.

4.0 ROLES AND RESPONSIBILITIES FOR DEMOLITION AND INSTALLATION OF SHELVING AND RACKING FIXTURES
- 4.1 RELOCATION AND SETUP OF GONDOLAS AND/OR RACKING AS INDICATED ON FXS SHEETS WILL BE PERFORMED BY OTHERS. ANCHORING OF UPRIGHTS TO BE PERFORMED BY GENERAL CONTRACTOR.
- 4.2 GENERAL CONTRACTOR TO ANCHOR ALL SHELVING AND RACKING FIXTURES ACCORDING TO THE REQUIREMENTS NOTED ON THE FXS SHEETS.
- 4.3 FIXTURE ANCHORING SHALL BE ACCOMPLISHED SIMULTANEOUSLY WITH FIXTURE INSTALLATION.
- 4.4 ENSURE ALL EXISTING WALL STANDARDS AND HALF GONDOLAS TO REMAIN ARE SECURE TO WALL.
- 4.5 GENERAL CONTRACTOR SHALL ENSURE THAT PROPER PROCEDURES AND WORK SEGREGATION ARE IN PLACE DURING ALL FIXTURE ANCHORING PROCEDURES.
- 4.6 GENERAL CONTRACTOR TO CLEAN ALL RESIDUE FROM SURROUNDING FIXTURES AND AREA AS ANCHORING IS COMPLETED (CLEAN AS YOU GO).
- 4.7 GENERAL CONTRACTOR IS TO PERFORM ALL REMOVAL AND INSTALLATION OF ANCHOR STRAPS AND/OR BOLTS AT FIXTURES REQUIRING PERMANENT OR TEMPORARY RELOCATION.

RACK FIXTURE SCHEDULE

FIXTURE MARK	FIXTURE DESCRIPTION	TOP SHELF HEIGHT	FRAME MARK	MAX SHELF LOAD (LBS)
B	STORAGE RACK	120"	FRAME : 44-120 12SS	5000
X	SALES FLOOR RACK	75"	FRAME : 24-102 OGP	250



TYP RACK FIXTURE SYMBOL

RACK SYMBOL LEGEND

RACK FRAME & ANCHORAGE SCHEDULE

FRAME MARK	ANCHOR DETAIL	FRAME COUNT
24-102 OGP	2-FXS2 & 5B-FXS2	10
44-120 12SS	2-FXS2 & 5A-FXS2	6

ANCHORAGE BILL OF MATERIALS

USAGE	MATERIAL TYPE	COUNT
ANCHOR	DEWALT SCREW BOLT+ - 1/2" DIAMETER x 3" (#PFM1411380)	12
ANCHOR	DEWALT SCREW BOLT+ - 3/8" DIAMETER x 2 1/2" (#PFM1411220)	146
STRAP	ANCHOR STRAPS (GONDOLA)	122

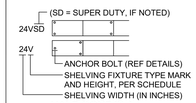
NOTES:
1. ANCHOR BOLTS AND STRAPS AS NOTED ARE FURNISHED BY AND INSTALLED BY THE GENERAL CONTRACTOR (GC).
2. ANCHOR STRAP SUPPLIER CONTACT INFORMATION:
   LOZIER: JOSH GOEDKEN, joshua.goedken@lozier.biz, (402) 457-8379
   MADIX: CHERI BAGLEY, cbagley@madixinc.com, (256) 839-6354

TEMPORARY ANCHORAGE BILL OF MATERIALS

USAGE	MATERIAL TYPE	COUNT
TEMP ANCHOR	DEWALT SCREW BOLT+ - 3/8" DIAMETER x 2 1/2" (#PFM1411220)	122
TEMP STRAP	ANCHOR STRAPS (GONDOLA)	122

SHELVING FIXTURE & ANCHORAGE SCHEDULE

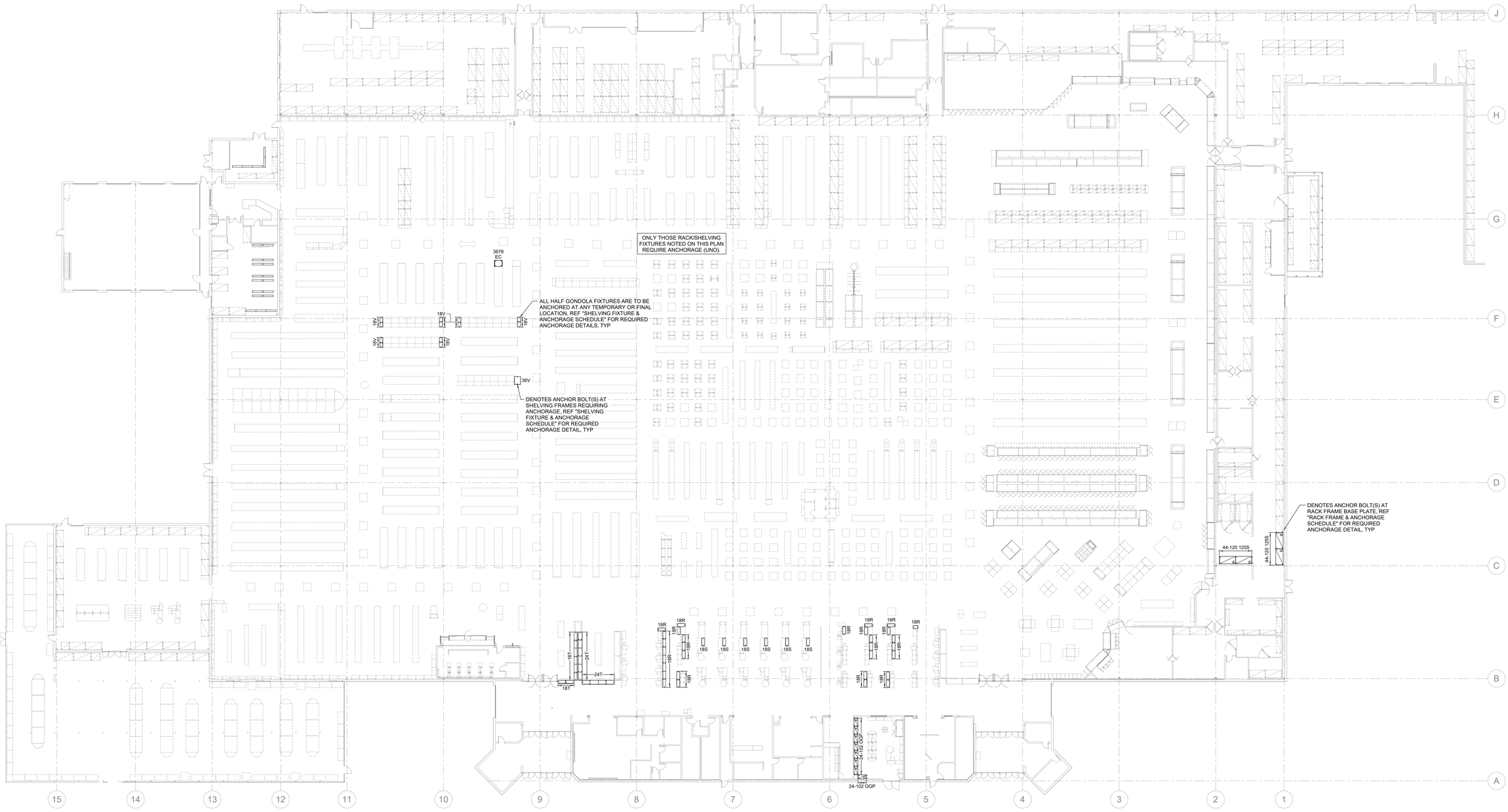
FIXTURE MARK	FIXTURE DESCRIPTION	FIXTURE HEIGHT	ANCHORAGE DETAIL
18R	HALF GONDOLA	48"	1A-FXS2
18S	HALF GONDOLA	54"	1A-FXS2
18T	HALF GONDOLA	60"	1A-FXS2
18V	HALF GONDOLA	78"	1A-FXS2
24T	HALF GONDOLA	60"	1A-FXS2
36V	HALF GONDOLA	78"	1A-FXS2
3678 EC	END CAP	78"	1B-FXS2



HALF GONDOLA FIXTURE SYMBOL

END CAP FIXTURE SYMBOL

NOTE: ANCHORS SHOWN ABOVE ARE FOR EXAMPLE ONLY, REFER TO PLAN AND DETAILS FOR ACTUAL ANCHOR CONFIGURATION.



1 RACK AND SHELVING FIXTURE ANCHOR PLAN
1" = 20'-0"

2900 Midland Center Parkway
Suite 200
Midland, FL 32751
P (407) 645-9500
F (407) 645-9501
www.cpepa.com
Certificate of Authorization #00004892

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FIXTURE ANCHORAGE PLAN AND NOTES

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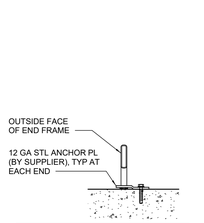
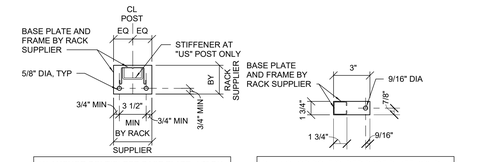


(1) ANCHOR BOLT(S) PER PLATE: 3/8" DIA
DEWALT SCREW BOLT+, REF 3-FXS2.
hnom = 2", ho = 2 1/2", (UNO).

ANCHOR AT END CAP FRAMES

6 1 1/2" = 1'-0"



(1) ANCHOR BOLT(S) PER BASE PLATE: 1/2" DIA
DEWALT SCREW BOLT+, REF 3-FXS2.
hnom = 2 1/2", ho = 2 7/8", ("US" POST).

5A - BASE PLATE "US" POST

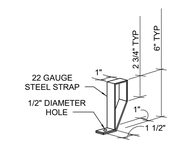
(1) ANCHOR BOLT(S) PER BASE PLATE: 3/8" DIA
DEWALT SCREW BOLT+, REF 3-FXS2.
hnom = 2", ho = 2 1/2", ("OGP" POST).

5B - BASE PLATE "OGP" POST

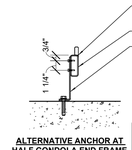
NOTES:
1. PROVIDE SIZE AND QUANTITY OF ANCHORS AS NOTED ABOVE AT EACH UPRIGHT FRAME POST.
2. WHEN BASE PLATE CONTAINS GREATER NUMBER OF BOLT HOLES THAN ANCHORS SPECIFIED. ADDITIONAL HOLES IN BASE PLATE NEED NOT BE FILLED WITH ANCHOR BOLTS.
3. PROVIDE WASHERS AS REQUIRED TO ESTABLISH REQUIRED EMBEDMENT DEPTH "hnom".

TYPICAL ANCHOR AT RACK FRAMES

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



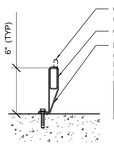
4A - TYPICAL SINGLE ANCHOR STRAP



ALTERNATIVE ANCHOR AT HALF GONDOLA END FRAME

CLOSURE TUBE - NO SLOTTED
OPENING AT MID SPAN OF FRAME
OUTSIDE FACE OF END FRAME
ANCHOR STRAP (1" WIDE x 22GA THICK)
FIELD CUT STRAP AS SHOWN AND ATTACH
TO INSIDE FACE OF FRAME WITH (2)
#12-14x3/4" TEK SCREWS AT SPACING
SHOWN. REF 1-FXS2 FOR PLACEMENT OF
STRAP AND ANCHOR TO SLAB WITH SAME
BOLT NOTED FOR TYPICAL ANCHOR
CONDITION AT THE END FRAME.

ALTERNATIVE ANCHOR STRAP/BOLT CONNECTION AT END FRAMES - ONLY ALLOWED FOR USE WHEN CLOSURE TUBES DO NOT HAVE A SLOTTED OPENING



CLOSURE TUBE
(TYP AT HALF GONDOLA END FRAME)
OUTSIDE FACE AT END FRAME
LIGHT GAUGE STEEL STRAP
(GALVANIZED) 1" WIDE x 22 GA
MIN THICKNESS REF 1-FXS2
FOR PLACEMENT OF STRAPS

(1) ANCHOR BOLT(S) PER STRAP: 3/8" DIA
DEWALT SCREW BOLT+, REF 3-FXS2.
hnom = 2", ho = 2 1/2", (UNO)*.

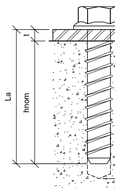
AT GONDOLA INTERIOR & END FRAMES

4A

* ALL TEMPORARY ANCHORS SHALL BE 3/8" DIA
DEWALT SCREW BOLT +. hnom = 2", ho =2 1/2" (UNO)

TYPICAL ANCHOR AT GONDOLA FRAMES

4 1 1/2" = 1'-0"



TIGHTENING REQUIREMENTS:
"SNUG TIGHT" - NO GAP BETWEEN
HEAD OF ANCHOR BOLT AND BASE
PLATE OR ANCHOR STRAP.

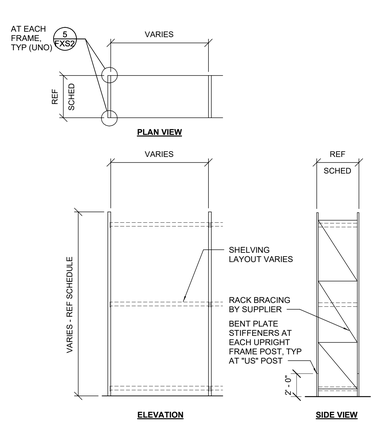
t - PLATE/STRAP THICKNESS
hnom - EMBEDMENT DEPTH
ho - MIN HOLE DEPTH
La - LENGTH OF ANCHOR

NOTE:
ALL ANCHOR BOLTS SHALL BE DEWALT SCREW BOLT+
THE ANCHORS MUST BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S PUBLISHED INSTALLATION INSTRUCTIONS AND PER ICC ESR-3889 REPORT. (IN CASE OF CONFLICT, THE ICC ESR-3889 GOVERNS). REF ANCHOR DETAILS FOR DIAMETER AND EMBEDMENT.

NOTE:
IF CENTERLINE OF ANCHOR BOLTS FALLS WITHIN 1 3/4" OF CONTROL JOINT, SHIFT FIXTURE 2" (MAX) PERPENDICULAR TO THE JOINT, OTHERWISE SUBMIT RFI TO THE ARCHITECT FOR ALTERNATE INSTALLATION BEFORE INSTALLING BOLTS.

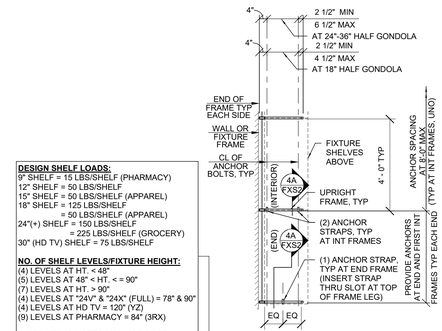
ANCHOR BOLT DETAIL

3 NTS



SALES FLOOR RACK ELEVATIONS

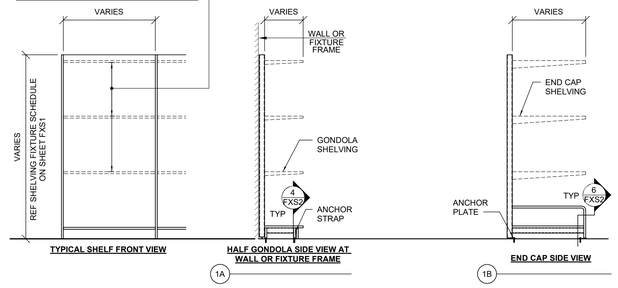
2 3/16" = 1'-0"



DESIGN SHELF LOADS:
9" SHELF = 15 LBS/SHELF (PHARMACY)
12" SHELF = 50 LBS/SHELF
15" SHELF = 50 LBS/SHELF (APPAREL)
18" SHELF = 125 LBS/SHELF
= 50 LBS/SHELF (APPAREL)
24"(+) SHELF = 150 LBS/SHELF
= 225 LBS/SHELF (GROCERY)
30" (HD TV) SHELF = 75 LBS/SHELF

NO. OF SHELF LEVELS/FIXTURE HEIGHT:
(4) LEVELS AT HT. < 48"
(5) LEVELS AT 48" < HT. < = 90"
(7) LEVELS AT HT. > 90"
(4) LEVELS AT "24V" & "24X" (FULL) = 78" & 90"
(4) LEVELS AT HD TV = 120" (YZ)
(9) LEVELS AT PHARMACY = 84" (3RX)

(NOTE: ITEMS LISTED MAY NOT EXIST IN PROJECT)



TYPICAL GONDOLA AND END CAP SHELVING ELEVATIONS

1 3/8" = 1'-0"

2900 Maitland Center Parkway
Suite 210
Maitland, FL 32751
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F (407) 645-5931
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FIXTURE ANCHORAGE DETAILS

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SYSTEM RCU1 DISCHARGE AIR TEMPERATURE AND DEFROST PARAMETERS

Updated: 11/12/2021

					DISCHARGE AIR TEMP SETTING FOR CASES/ RETURN AIR TEMP SETTING FOR WALK-IN BOXES				DEFROST						DEFROST SCHEDULE					
CIRCUIT #	APPLICATION	MODEL NUMBER	MFR	EQUIP. NUMBER	MANUFACTURER'S TARGET (°F)	OWNER'S OPERATING SETPOINT (°F)	DUAL TEMP TARGET (°F)	STARTING SUPERHEAT SETPOINT (°F)	DEFROST TYPE	FREQUENCY PER DAY	PUMP OUT TIME (MIN)	MAX DURATION (MIN)	TERMINATION TEMP (°F)	DRIP TIME (MIN)	Defrost 1	Defrost 2	Defrost 3	Defrost 4	Defrost 5	Defrost 6
RCU1	Grab-N-Go	QC-R-35-IC	HILL PHOENIX INC	RD1069.652 - 6/21/2019	32	32	--	6 – 8	OT	4	0	30	42	0	0:00	6:00	12:00	18:00		
							--													

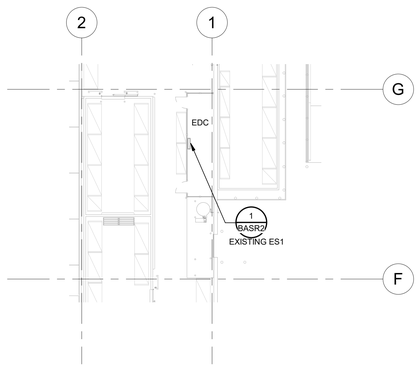
1.) Controlled by S3C.
2.) Temperature control via pressure controller inside the remote condensing unit.
3.) Starting superheat setpoint values are per manufacturer's published case data. Field adjustment may be required.
4.) Parameters above are to be used in programming new/replaced cases/coils only.

SYSTEM RCU2 DISCHARGE AIR TEMPERATURE AND DEFROST PARAMETERS

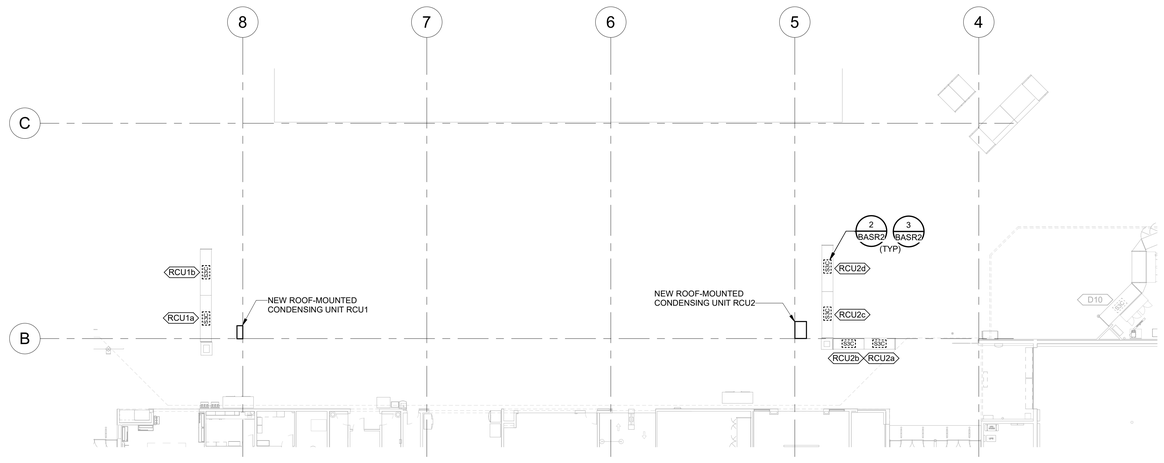
Updated: 11/12/2021

					DISCHARGE AIR TEMP SETTING FOR CASES/ RETURN AIR TEMP SETTING FOR WALK-IN BOXES				DEFROST						DEFROST SCHEDULE					
CIRCUIT #	APPLICATION	MODEL NUMBER	MFR	EQUIP. NUMBER	MANUFACTURER'S TARGET (°F)	OWNER'S OPERATING SETPOINT (°F)	DUAL TEMP TARGET (°F)	STARTING SUPERHEAT SETPOINT (°F)	DEFROST TYPE	FREQUENCY PER DAY	PUMP OUT TIME (MIN)	MAX DURATION (MIN)	TERMINATION TEMP (°F)	DRIP TIME (MIN)	Defrost 1	Defrost 2	Defrost 3	Defrost 4	Defrost 5	Defrost 6
RCU2	GRAB-N-GO	QC-R-35-IC	HILL PHOENIX INC	RD1069.652 - 6/21/2019	32	32	--	6 – 8	OT	4	0	30	42	0	0:00	6:00	12:00	18:00		
							--													

1.) Controlled by S3C.
2.) Temperature control via pressure controller inside the remote condensing unit.
3.) Starting superheat setpoint values are per manufacturer's published case data. Field adjustment may be required.
4.) Parameters above are to be used in programming new/replaced cases/coils only.



2 REFRIGERATION EDC BUILDING AUTOMATION SYSTEM PLAN
1/16" = 1'-0"



1 NEW REFRIGERATION BUILDING AUTOMATION SYSTEM PLAN
1/16" = 1'-0"

BAS EQUIPMENT SALVAGE REQUIREMENTS

RM-04.22.20

ALL DEMOLISHED NOVAR BAS EQUIPMENT SHALL BE RETURNED TO OWNER'S MECHANICAL SERVICES CONSTRUCTION MANAGER. EQUIPMENT TO BE RETURNED INCLUDES: EXECUTIVE CONTROLLER(S), IOM(S), CIM(S), CCM(S), ETC. PROVIDE DOCUMENTATION FOR ALL EQUIPMENT REMOVED IN ACCORDANCE WITH SPECIFICATIONS AND REQUIRED CLOSE-OUT DOCUMENTS.

GENERAL REFRIGERATION BAS NOTES

RM-W-04.22.20

1. BAS CONTRACTOR SHALL CONTACT THE BAS SUPPLIER(S) TO OBTAIN A CURRENT MODULE CONFIGURATION PRINTOUT BEFORE TERMINATING SENSOR LEADS AT INPUT MODULES. THE REQUEST FOR THE CONFIGURATION PRINTOUT SHALL BE MADE PRIOR TO THE INSTALLATION OF BAS CABLES. WIRING TERMINATIONS SHALL BE LANDED ACCORDING TO THE BAS SUPPLIER CONFIGURATION SHEETS.
2. BAS CONTRACTOR SHALL PROVIDE COMPLETED REFRIGERATION SENSOR INPUT VERIFICATION FORMS TO THE BAS SUPPLIER AT THE BEGINNING OF THE REFRIGERATION EQUIPMENT STARTUP. BAS INSTALLER SHALL PROVIDE ASSISTANCE TO THE BAS SUPPLIER FOR SPOT CHECKING OF SENSORS FOR ACCURACY.
3. ALL BAS CABLE ON THE SALES FLOOR SHALL BE ROUTED IN CONDUIT AND CONCEALED FROM VIEW AND ROUTED ALONGSIDE OTHER PIPING OR CONDUIT AS MUCH AS POSSIBLE.
4. BAS CONTRACTOR SHALL BE PRESENT AND AVAILABLE TO RESOLVE ISSUES AND PROVIDE REFRIGERATION STARTUP ASSISTANCE UNTIL RELEASED BY THE BAS SUPPLIER AND OWNER'S REFRIGERATION CONSTRUCTION COORDINATOR.
5. DURING THE REFRIGERATION STARTUP, BAS CONTRACTOR SHALL COMPLETE ALL UNRESOLVED REFRIGERATION WORK PRIOR TO WORKING ON OTHER BAS INSTALLATION ITEMS.
6. WHEN THE BAS SUPPLIER IS NOT SCHEDULED TO PERFORM THE ON SITE REFRIGERATION STARTUP, THE CONTRACTOR IS RESPONSIBLE FOR PERFORMING ALL CHECKS AND TEST TO ENSURE A FULLY FUNCTIONAL REFRIGERATION CONTROL SYSTEM. CONTACT THE BAS SUPPLIER FOR THE BLANK TEST VERIFICATION FORMS AND INSTRUCTIONS FOR COMPLETING. ALL COMPLETED TEST VERIFICATION FORMS SHALL BE RETURNED TO THE OWNER'S MECHANICAL SERVICES CONSTRUCTION MANAGER.
7. REFER TO ARCHITECTURAL DRAWINGS FOR PIPING INSTALLATION AND SEALING REQUIREMENTS FOR DEVICES SHOWN ON COOLER/FREEZER PANELS. DO NOT INSTALL PIPING WITHIN COOLER/FREEZER PANELS.
8. ROUTE ALL UTILITY SERVICE LINES (PIPES AND CONDUIT) WITHIN STUD WALLS WHEREVER POSSIBLE. ON COOLER/FREEZER PANELS IN FOOD PREP AREAS WHERE UTILITIES MUST BE EXPOSED, CONTRACTOR TO HAVE THE OPTION OF THE FOLLOWING:
   A. SURFACE MOUNT UTILITIES WITH NON-CORROSIVE ANCHORS; SEAL BOTH SIDES OF PIPE/CONDUIT TO PANEL CONTINUOUSLY WITH SEALANT.
   B. INSTALL UTILITIES 1/2" OFF FACE OF PANEL TO ALLOW FOR CLEANING; USE ONLY NON-CORROSIVE MATERIALS FOR SPACERS AND ANCHORS.
   C. COVER UTILITIES WITH 20 GAUGE STAINLESS STEEL BENT PLATES MOUNTED TO WALL WITH NON-CORROSIVE ANCHORS; APPLY CONTINUOUS SEALANT ALONG EDGES AND JOINTS.
9. REFERENCE ARCHITECTURAL DEMOLITION PLANS FOR FULL EXTENT OF DEMOLITION WORK REQUIRED.
10. 24 HOURS PRIOR TO SHUTTING DOWN ANY REFRIGERATION SYSTEMS, HVAC SYSTEMS OR BUILDING AUTOMATION CONTROL SYSTEMS, SEND EMAIL TO NSRM@WALMART.COM. THE E-MAIL SHALL STATE WHAT, WHY, AND WHEN IT IS BEING SHUT DOWN AND HOW LONG IT IS ANTICIPATED TO BE SHUT DOWN. THEN SEND A FOLLOW UP EMAIL TO NSRM@WALMART.COM AFTER THE WORK IS COMPLETE AND THE SYSTEM IS BACK UP AND RUNNING.
11. ALL WORK ON THIS SHEET IS TO BE COMPLETED BY AN OWNER'S APPROVED CONTRACTOR.

BAS SYMBOLS

RM-04.22.20

ES1	NOVAR EDGE SERVER GATEWAY
E2E	EMERSON RX300 GATEWAY
RC2-XE	NOVAR SPECTRUM RACK CONTROLLER
XCM.20R	NOVAR OPUS RACK CONTROLLER
BAS	BUILDING AUTOMATION SYSTEM
TEMP	TEMPERATURE
VFD	VARIABLE FREQUENCY DRIVE
XFMR	TRANSFORMER
COMM	COMMUNICATION PORT/MODULE
CIM	CASE INPUT MODULE
LTA-X	REFRIGERATION CIRCUIT
S	REMOTE TEMPERATURE SENSOR
D	DEFROST TERMINATION SENSOR
DTS	DUAL TEMP SWITCH
RIB	RELAY IN BOX
RCC	NOVAR CIRCUIT CONTROLLER
CMS	CASE MANAGEMENT SYSTEM MODULE
AOM	ANALOG OUTPUT MODULE
8IM	UNIVERSAL INPUT MODULE
RIM	RACK INPUT MODULE
S3C	SPORLAN WALK-IN CONTROLLER
S3C	SPORLAN CASE CONTROLLER
SGR	SPORLAN GATEWAY ROUTER
SNS	SPORLAN NETWORK SWITCH
	BAS BACKBOARD
SALS	SWING ARM LIMIT SWITCH
XIO	BACNET INPUT/OUTPUT MODULE
	NEW FIELD INSTALLED EQUIPMENT
	EXISTING EQUIPMENT
	NEW FACTORY INSTALLED EQUIPMENT
	EQUIPMENT TO BE DEMOLISHED

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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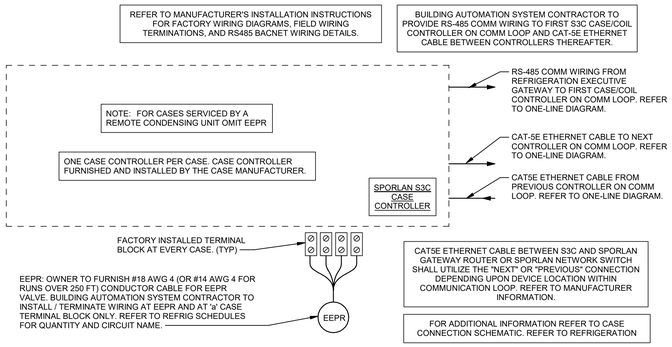
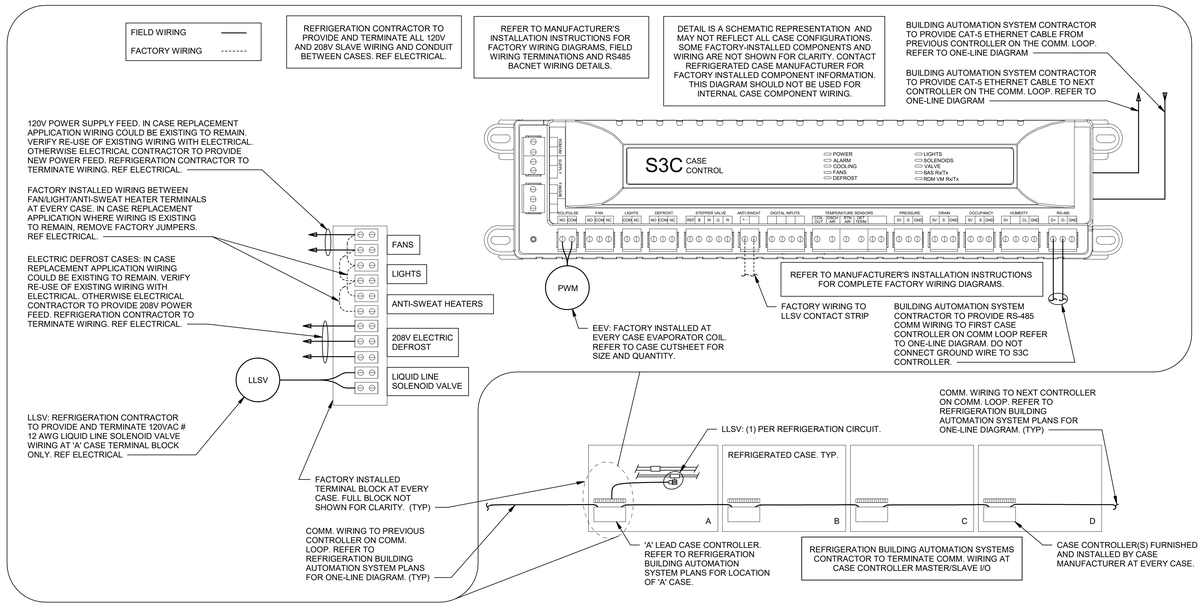
12/07/2021

REFRIGERATION BUILDING AUTOMATION SYSTEM PLAN

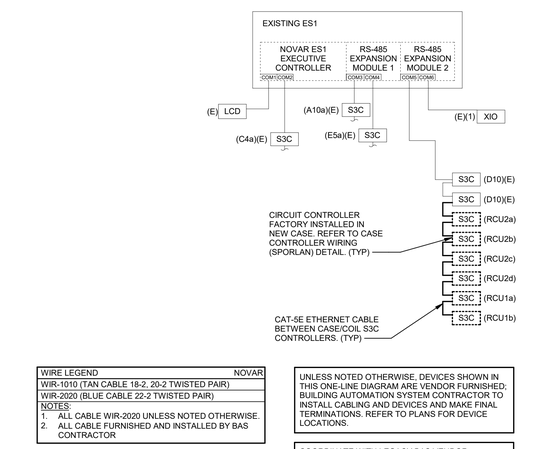
SHEET:
BASR1



3 CASE CONTROLLER WIRING (SPORLAN)
NTS



2 CASE CONNECTION SCHEMATIC (SPORLAN)
NTS



WIRE LEGEND	NOVAR
WIR-1010 (TAN CABLE 18-2, 20-2 TWISTED PAIR)	
WIR-2020 (BLUE CABLE 22-2 TWISTED PAIR)	

NOTES:
1. ALL CABLE WIR-2020 UNLESS NOTED OTHERWISE.
2. ALL CABLE FURNISHED AND INSTALLED BY BAS CONTRACTOR

UNLESS NOTED OTHERWISE, DEVICES SHOWN IN THIS ONE-LINE DIAGRAM ARE VENDOR FURNISHED; BUILDING AUTOMATION SYSTEM CONTRACTOR TO INSTALL CABLING AND DEVICES AND MAKE FINAL TERMINATIONS. REFER TO PLANS FOR DEVICE LOCATIONS.

COORDINATE WITH LEGACY BAS VENDOR (NOVAR) FOR THE REPROGRAMMING OF THEIR RACK CONTROLLER WITH THE REMOVAL OF REFRIGERATION CIRCUITS FROM THEIR CONTROL. VERIFY DEFROST SCHEDULES ARE COORDINATED BETWEEN THE EXISTING RACK CONTROLLER AND THE NEW CASE AND WALK-IN CONTROLS.

BAS ONE-LINE AND SCHEDULE NOTES		
E	——	EXISTING BAS DEVICE, SENSOR, OR WIRE FOR REUSE.
RL		EXISTING BAS DEVICE OR SENSOR TO RELOCATE AND RECONNECT. INSTALL NEW CABLE FOR RELOCATED DEVICE OR SENSOR AS NECESSARY.
RD		REDESIGNATED BAS DEVICE OR SENSOR.
RP		REPLACED BAS DEVICE OR SENSOR.
N		NEW BAS DEVICE OR SENSOR.
FI	——	NEW FIELD INSTALLED BAS DEVICE, SENSOR, OR WIRE.
FA	- - - -	NEW FACTORY INSTALLED BAS DEVICE, SENSOR, OR WIRE.
M		BAS DEVICE OR SENSOR USED FOR MONITORING ONLY.
DI		DIGITAL INPUT.
DO		DIGITAL OUTPUT.
AI		ANALOG INPUT.

ES-1	
	COMMUNICATION PORT
COM1	LCD (IF APPLICABLE) / BACNET LOOP
COM2	SPECTRUM (NOVARnet) / BACNET LOOP

COM MODULE 1	
	COMMUNICATION PORT
COM3	SPECTRUM (NOVARnet) / BACNET LOOP
COM4	SPECTRUM (NOVARnet) / BACNET LOOP

COM MODULE 2	
	COMMUNICATION PORT
COM5	SPECTRUM (NOVARnet) / BACNET LOOP
COM6	SPECTRUM (NOVARnet) / BACNET LOOP

IF WIRING LENGTH BETWEEN DEVICES EXCEEDS 328' A SPORLAN APPROVED NETWORK SWITCH WILL BE REQUIRED TO INCREASE MAXIMUM WIRING LENGTH TO 650'. INSTALL ONE ADDITIONAL SWITCH FOR EACH SUBSEQUENT INCREMENT OF 328' OF RUN BETWEEN DEVICES.

1 REFRIGERATION BAS ONE-LINE DIAGRAM
NTS

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12/07/2021

REFRIGERATION BUILDING AUTOMATION SYSTEM DETAILS

SHEET: BASR2

PIPING SCHEDULE SYSTEM RCU1

PIPE DESIGNATION	HORIZONTAL SUCTION	VERTICAL SUCTION RISER AS REQUIRED	LIQUID	ESTIMATED TOTAL LENGTH^^
RCU1	1 3/8	7/8	1/2	60

* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.

^^ESTIMATED TOTAL LENGTH INCLUDES HORIZONTAL AND VERTICAL PIPE SECTIONS. THIS IS ONLY AN ESTIMATE AND ACTUAL LENGTH WILL VARY.

Updated: 11/12/2021

NOTE: CONTENTS OF SCHEDULE CONTAINS INFORMATION DERIVED FROM OWNER'S RECORD SCHEDULES, MANUFACTURER SUBMITTALS, CUTSHEETS, AND OWNER'S DESIGN PARAMETERS AT THE TIME THE SCHEDULE WAS PREPARED. FIELD VERIFY AS IT MAY NOT REFLECT EXISTING CONDITIONS.

PIPING SCHEDULE SYSTEM RCU2

PIPE DESIGNATION	HORIZONTAL SUCTION	VERTICAL SUCTION RISER AS REQUIRED	LIQUID	ESTIMATED TOTAL LENGTH^^
RCU2	1 5/8	1 1/8	5/8	65

* RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.

^^ESTIMATED TOTAL LENGTH INCLUDES HORIZONTAL AND VERTICAL PIPE SECTIONS. THIS IS ONLY AN ESTIMATE AND ACTUAL LENGTH WILL VARY.

Updated: 11/12/2021

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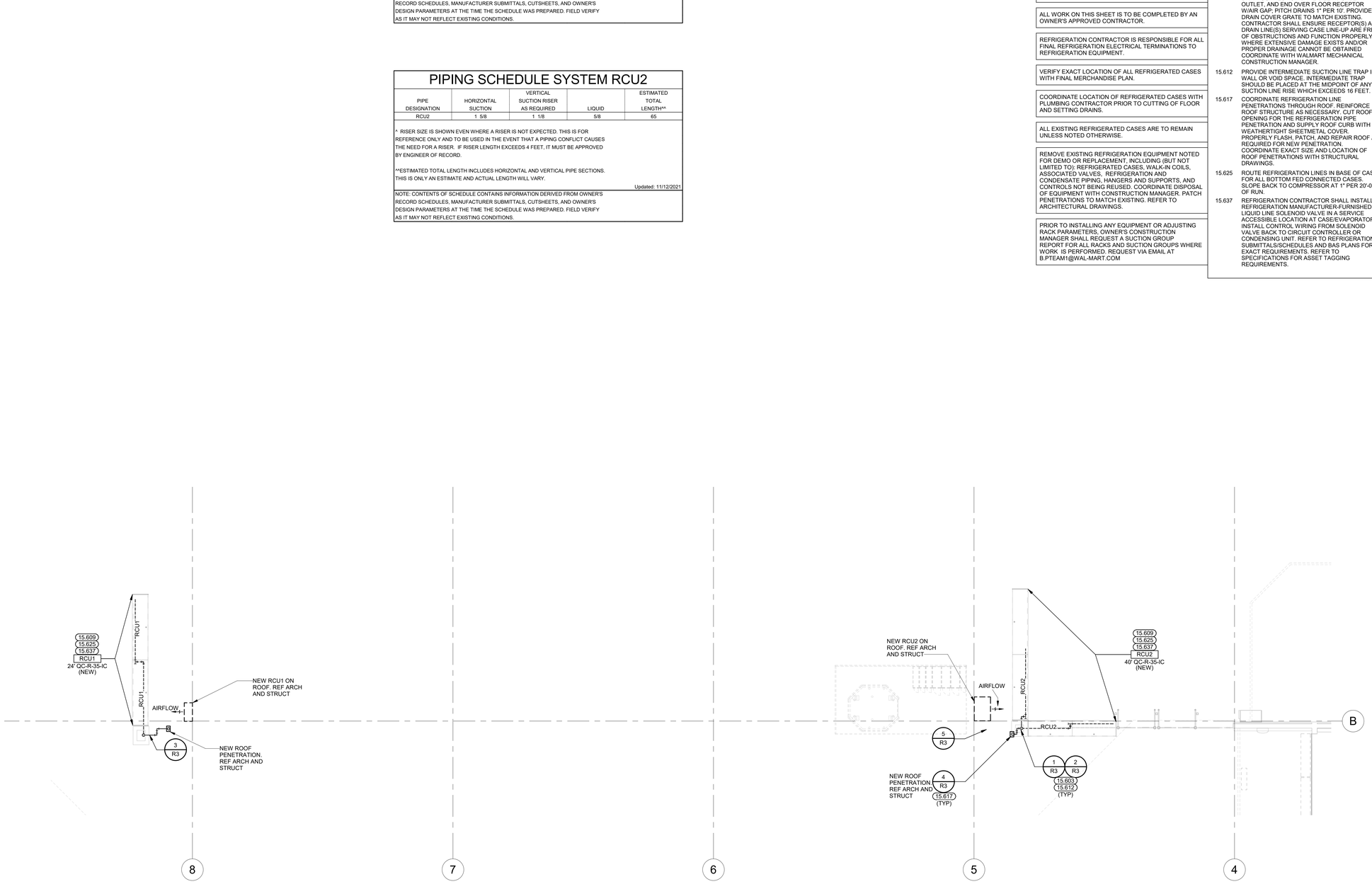

1 REFRIGERATION PLAN
1/8" = 1'-0"

CONDENSING UNIT GENERAL NOTES

RM-10.11.20

1. INSTALL CONDENSING UNIT IN ACCORDANCE WITH MANUFACTURER'S INSTALLATION INSTRUCTIONS. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR INSTALLATION REQUIREMENTS AND ADDITIONAL INFORMATION.
2. CONTRACTOR SHALL INSTALL CONDENSING UNIT MANUFACTURER FURNISHED LIQUID LINE SOLENOID VALVE CONTROLLED VIA FACTORY INSTALLED CASE CONTROLLER (LOCATED AT CASE).

EPA CLEAN AIR ACT

RM-11.02.15

COMPLY WITH EPA CLEAN AIR ACT, TITLE VI, SECTION 608 AND CODE OF FEDERAL REGULATION TITLE 40, PART 82 WHEN ADDING OR REMOVING REFRIGERATED EQUIPMENT. RECORD ALL EQUIPMENT IDENTIFICATION NUMBERS, MODEL AND SERIAL NUMBERS, THE AMOUNT OF REFRIGERANT RECOVERED FROM EACH UNIT, THE DATE OF DECOMMISSIONING, COMPANY NAME AND SIGNATURE OF ON-SITE SUPERVISOR.

24 HOURS PRIOR TO SHUTTING DOWN ANY REFRIGERATION SYSTEMS, HVAC SYSTEMS, OR BUILDING AUTOMATION CONTROL SYSTEMS, SEND E-MAIL TO NSRM@WALMART.COM. THE E-MAIL SHALL STATE WHAT, WHY, AND WHEN IT IS BEING SHUT DOWN AND HOW LONG IT IS ANTICIPATED TO BE DOWN. THEN SEND A FOLLOW UP E-MAIL TO NSRM@WALMART.COM AFTER THE WORK IS COMPLETE AND THE SYSTEM IS BACK UP AND RUNNING.

REFERENCE ARCHITECTURAL DRAWINGS FOR ALL NEW CASES BEING INSTALLED FOR CONNECTION LOCATION OF UTILITIES. (TOP FED VS. BOTTOM FED)

SEPARATE CONTRACTOR IS RESPONSIBLE FOR RE-SKIN OF EXISTING REFRIGERATED CASES TO REMAIN.

ALL WORK ON THIS SHEET IS TO BE COMPLETED BY AN OWNER'S APPROVED CONTRACTOR.

REFRIGERATION CONTRACTOR IS RESPONSIBLE FOR ALL FINAL REFRIGERATION ELECTRICAL TERMINATIONS TO REFRIGERATION EQUIPMENT.

VERIFY EXACT LOCATION OF ALL REFRIGERATED CASES WITH FINAL MERCHANDISE PLAN.

COORDINATE LOCATION OF REFRIGERATED CASES WITH PLUMBING CONTRACTOR PRIOR TO CUTTING OF FLOOR AND SETTING DRAINS.

ALL EXISTING REFRIGERATED CASES ARE TO REMAIN UNLESS NOTED OTHERWISE.

REMOVE EXISTING REFRIGERATION EQUIPMENT NOTED FOR DEMO OR REPLACEMENT, INCLUDING (BUT NOT LIMITED TO): REFRIGERATED CASES, WALK-IN COILS, ASSOCIATED VALVES, REFRIGERATION AND CONDENSATE PIPING, HANGERS AND SUPPORTS, AND CONTROLS NOT BEING REUSED. COORDINATE DISPOSAL OF EQUIPMENT WITH CONSTRUCTION MANAGER. PATCH PENETRATIONS TO MATCH EXISTING. REFER TO ARCHITECTURAL DRAWINGS.

PRIOR TO INSTALLING ANY EQUIPMENT OR ADJUSTING RACK PARAMETERS, OWNER'S CONSTRUCTION MANAGER SHALL REQUEST A SUCTION GROUP REPORT FOR ALL RACKS AND SUCTION GROUPS WHERE WORK IS PERFORMED. REQUEST VIA EMAIL AT B.PTEAM1@WAL-MART.COM

PIPING AND REFRIGERATION SCHEDULE SYMBOLS

RM-10.06.20

*	MODIFY CIRCUIT OR PIPE LENGTH
**	NEW CASE, COIL, CIRCUIT OR VALVE
****	CHANGE EXISTING PIPE SIZE AS INDICATED OR NEW PIPE
^	RISER SIZE IS SHOWN EVEN WHERE A RISER IS NOT EXPECTED. THIS IS FOR REFERENCE ONLY AND IS TO BE USED IN THE EVENT THAT A PIPING CONFLICT CAUSES THE NEED FOR A RISER. IF THE RISER LENGTH EXCEEDS 4 FEET, IT MUST BE APPROVED BY ENGINEER OF RECORD.
#	CONTRACTOR TO FIELD VERIFY EXISTING RISER SIZE. IF EXISTING PIPE SIZE DOES NOT MATCH SCHEDULE, REPLACE EXISTING RISER WITH NEW SIZE AS SHOWN.

KEYNOTES

15.603	AT ALL POINTS WHERE SUCTION LINES RISE, PROVIDE A SUCTION LINE TRAP AT THE BASE OF THE RISER.
15.609	PROVIDE PVC DRAIN LINE FROM EACH CASE DRAIN CONNECTION SAME SIZE AS CASE OUTLET, AND END OVER FLOOR RECEPTOR W/AIR GAP; PITCH DRAINS 1" PER 10'. PROVIDE DRAIN COVER GRATE TO MATCH EXISTING. CONTRACTOR SHALL ENSURE RECEPTOR(S) AND DRAIN LINE(S) SERVING CASE LINE-UP ARE FREE OF OBSTRUCTIONS AND FUNCTION PROPERLY. WHERE EXTENSIVE DAMAGE EXISTS AND/OR PROPER DRAINAGE CANNOT BE OBTAINED COORDINATE WITH WALMART MECHANICAL CONSTRUCTION MANAGER.
15.612	PROVIDE INTERMEDIATE SUCTION LINE TRAP IN WALL OR VOID SPACE. INTERMEDIATE TRAP SHOULD BE PLACED AT THE MIDPOINT OF ANY SUCTION LINE RISE WHICH EXCEEDS 16 FEET.
15.617	COORDINATE REFRIGERATION LINE PENETRATIONS THROUGH ROOF. REINFORCE ROOF STRUCTURE AS NECESSARY. CUT ROOF OPENING FOR THE REFRIGERATION PIPE PENETRATION AND SUPPLY ROOF CURB WITH WEATHERTIGHT SHEETMETAL COVER. PROPERLY FLASH, PATCH, AND REPAIR ROOF AS REQUIRED FOR NEW PENETRATION. COORDINATE EXACT SIZE AND LOCATION OF ROOF PENETRATIONS WITH STRUCTURAL DRAWINGS.
15.625	ROUTE REFRIGERATION LINES IN BASE OF CASE FOR ALL BOTTOM FED CONNECTED CASES. SLOPE BACK TO COMPRESSOR AT 1" PER 20'-0" OF RUN.
15.637	REFRIGERATION CONTRACTOR SHALL INSTALL REFRIGERATION MANUFACTURER-FURNISHED LIQUID LINE SOLENOID VALVE IN A SERVICE ACCESSIBLE LOCATION AT CASE/EVAPORATOR. INSTALL CONTROL WIRING FROM SOLENOID VALVE BACK TO CIRCUIT CONTROLLER OR CONDENSING UNIT. REFER TO REFRIGERATION SUBMITTALS/SCHEDULES AND BAS PLANS FOR EXACT REQUIREMENTS. REFER TO SPECIFICATIONS FOR ASSET TAGGING REQUIREMENTS.

REFRIGERATION SYMBOLS

RM-09.25.18

XXX / XXX	CIRCUIT NUMBER / MODEL NUMBER (CIRCUIT INFO)
CO	CLEANOUT (CO)
	CONDENSATE DRAIN LINE (CD)
	CONNECT TO EXISTING
	CONTINUATION
X / XX	DETAIL NUMBER / SHEET NUMBER (DETAIL REFERENCE)
	EVAPORATOR COIL
	ISOLATION VALVE
	ELBOW - TURNED DOWN
	ELBOW - TURNED UP
XX.XXX	REFRIGERATION KEYNOTE REFERENCE
	REFRIGERATION PIPING (ABOVE)
	REFRIGERATION PIPING (BELOW)
	REFRIG PIPING CASE CONNECTION
ETR	EXISTING TO REMAIN
(TYP)	TYPICAL

GENERAL NOTES

RM-W-09.28.20

1. PLAN INDICATES GENERAL ROUTING OF REFRIGERANT LINES, WITH A SINGLE LINE SHOWN INDICATING BOTH SUCTION AND LIQUID LINE ROUTING FOR EACH SYSTEM.
2. REFRIGERATION SYSTEM INSTALLATION SHALL BE IN COMPLETE CONFORMANCE WITH SPECIFICATIONS, AND WITH ALL REQUIREMENTS OF REFRIGERATION EQUIPMENT MANUFACTURER.
3. REFRIGERATION DRAWINGS ARE PROVIDED AS AN AID TO BIDDERS AND TO INDICATE DESIRED ROUTING OF REFRIGERATION LINES; CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR CORRECT INSTALLATION OF PIPING AND ACCESSORIES TO PROVIDE A COMPLETE AND FULLY OPERATING SYSTEM.
4. REFER TO SPECIFICATION 15600 FOR INSULATION THICKNESS. INSIDE DIAMETER OF INSULATION SHALL MATCH PIPE DIAMETER TO MINIMIZE AIR GAPS BETWEEN PIPING AND INSULATION. PROVIDE FACTORY PRE-MANUFACTURED FITTINGS AT ALL TRAPS AND ELBOWS. WHERE PRE-MANUFACTURED FITTINGS ARE UNAVAILABLE MITER CUT ALL FITTINGS TO ENSURE PROPER SEAL BETWEEN INSULATION SEGMENTS.
5. PIPE INSULATION SHALL BE BLACK REGARDLESS OF EXISTING INSULATION COLOR.
6. COORDINATE REFRIGERATION DEMOLITION ISSUES WITH THE ARCHITECTURAL DRAWINGS. REFER TO ARCHITECTURAL PLANS FOR REFRIGERATION EQUIPMENT DEMOLITION AND COOLER REPAIR AND REMODELING.
7. REFRIGERATION SYSTEM SHALL REMAIN OPERATIONAL DURING REMODELING. DURING THE PHASING OF OLD TO NEW SYSTEMS, BOTH NEW AND OLD REFRIGERATION SYSTEMS MAY BE REQUIRED TO OPERATE AT THE SAME TIME FOR A SHORT PERIOD.
8. WHERE NEW REFRIGERATED EQUIPMENT IS INDICATED ON THE DRAWINGS, PROVIDE DEMOLITION, REMOVAL, AND TEMPORARY STORAGE OF OLD EQUIPMENT PER OWNER'S MECHANICAL SERVICES CONSTRUCTION MANAGER'S INSTRUCTIONS, AND REFRIGERATION DEMO NOTES.
9. COORDINATE REMOVAL AND DISPOSAL OF EXISTING EVAPORATORS, REFRIGERATED CASES, AND CONDENSING UNITS, WITH OWNER'S MECHANICAL SERVICES CONSTRUCTION MANAGER.
10. REMOVE COPPER LINES, EVAPORATORS, AND CONDENSATE LINES FROM COOLERS/ FREEZERS BEING REMOVED FROM SITE. COORDINATE WITH WALK-IN PANEL VENDOR FOR TIME LINE OF REPLACEMENT. REFERENCE SPECIFICATION FOR CONTACT INFORMATION.
11. WALK-IN PANEL VENDOR SHALL PROPERLY PREPARE ALL COOLER/FREEZER PANELS, GLASS DOORS, SLIDER OR SWING DOORS, PALLETIZE, AND PREPARE THE EQUIPMENT TO SHIP OFF SITE.
12. COORDINATE WITH FIRE PROTECTION CONTRACTOR FOR THE REMOVAL OF SPRINKLERS FOR ALL REMOVED COOLER/FREEZER BOXES.
13. COORDINATE WITH ELECTRICAL CONTRACTOR FOR THE REMOVAL OF ALL REMOVED COOLER/FREEZER BOXES ELECTRICAL WIRING DEVICES.
14. COORDINATE WITH EMS CONTRACTOR FOR THE REMOVAL OF ALL REMOVED COOLER/FREEZER BOXES EMS WIRING AND DEVICES.
15. EXISTING REFRIGERATION PIPING MAY BE RE-USED UNLESS OTHERWISE NOTED ON PLANS. REFER TO SCHEDULES FOR PIPE SIZE REQUIREMENTS.
16. BUILDING COMPONENTS ABANDONED BY THE SCOPE OF WORK SHALL BE SECURED TO PREVENT FALLING, LOOSENING, OR CREATING DAMAGE OF ANY KIND IN THE FUTURE.
17. IF ANY RACK SYSTEMS WILL BE OPENED TO ADD OR REPLACE CASES, EVAPORATORS, ETC, THEN 24 TO 48 HOURS AFTER THE WORK IS COMPLETED AND ALL FINAL ADJUSTMENTS HAVE BEEN MADE, PROVIDE AND CHANGE LIQUID LINE FILTER CORES, OIL SYSTEM FILTER USING SPORLAN OF STYLE FILTER, AND REPLACE SUCTION FILTERS. FILTERS ARE TO BE RATED FOR WAX REMOVAL. CONTRACTOR TO PROPERLY DISPOSE OF OIL AND COMPONENTS REPLACED. REFER TO SPECIFICATION 15600.
18. REFER TO GROCERY ARCHITECTURAL DRAWINGS FOR ADDITIONAL WORK BY REFRIGERATION CONTRACTOR.
19. INSTALL ASSET TAGS ON ALL NEW REFRIGERATED CASES AND COMPLETE THE DATA COLLECTION INFORMATION. DELETE DEMOED ASSETS FROM ASSET TAGGING APPLICATION. REFER TO SPECIFICATIONS.
20. UPON START-UP OF ALL NEW REFRIGERATED EQUIPMENT, REFRIGERATION CONTRACTOR SHALL REQUEST THE BUILDING PERFORMANCE REPORT FOR ALL RACKS AND SUCTION GROUPS WHERE WORK IS PERFORMED. ANY DEVIATIONS NOTED ON THE REPORT MUST BE CORRECTED PRIOR TO PROJECT CLOSE OUT. REQUEST VIA EMAIL AT B.PTEAM1@WAL-MART.COM

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12/07/2021

REFRIGERATION PLANS

SHEET: R1

REFRIGERATION SCHEDULE SYSTEM RCU1

Format:	Supercenter	Store #:	767	System Type:	Remote Condensing Unit	Refrigerant:	R448A	Refrig. OEM:	Kysor//Warren	Condenser Type	Air	Heat Reclaim Media:	N/A	SG1 Refrig. Liquid Temp (°F):	113	SG2 Refrig. Liquid Temp (°F):	N/A
Proto Size:	--	City/State:	Lake City, FL	Consultant:	HEI	Estimated Refrigerant Charge (lbs):	N/A	Refrig. EMS:	NOVAR	Sat. Cond. Temp (°F):	121	Heat Reclaim Use:	N/A	SG1 Comp RGT (°F):	50	SG2 Comp RGT (°F):	N/A
Proto Cycle Date:	9/24/2021	Elevation (ft):	123	Prepared By:	Fiona Fei	Rack & Cond. Charge (lbs):	-	System Elec:	208/220V 3ph 60Hz	Cond. Design TD (°F):	15	Heat Reclaim Water (GPM):	--				
Date Prepared:	1/23/2022	Design DB (°F) / WB (°F):	106°F / 81°F	Interior Design DB (°F) / RH%:	75°F / 55%	Fixture and Field Piping (lbs):	N/A	Defrost Elec:	Off Time			Est. Summer THR (MBH):	N/A	Evap. Superheat (°F):	10		
								Sys. Pilot Elec:	120V 1Ph	Cond. Elec	208/220V 3 Ph 60Hz	Est. Winter THR Avail (MBH):	N/A				

SG3 Refrig. Liquid Temp (°F):	N/A	EXTERIOR DRY BULB (DB) (°F):	105.7																								
SG3 Comp RGT (°F):	N/A	50 yr. Extreme DB from ASHRAE Pub.	2017																								
		EXTERIOR WET BULB (WB) (°F):	80.7																								
		0.4% Monthly Max WB from ASHRAE Pub.	2017																								
		ASHRAE Design Conditions Weather Station:	Gainesville Regional, FL																								

CIRCUIT INFORMATION																		FIXTURE ELECTRICAL INFORMATION									
	Case Fixture Length / Quantity					Walk-In Box Size						LSHX Y or N? & Model # WI Evaps	Evaporator Coil TXV / Distributor Nozzle	Sub-Circuit Load (MBH)	Circuit Load (MBH)	Evap SST	Case/ Walk-In Air Temp	Circuit Control Valves		Defrost Type	Defrost Heaters		Fans		Lights Amps (120v)	Anti-Sweat Amps (120v)	Comments	Equip Number	CKT #
CKT #	FT /# of Doors	2 Dr/4'	3 Dr/6'	4 Dr/8'	5 Dr/12'	L	W	H	Case/Coil Model	Case/Coil Manuf.	Application							EPR	LLSV		Amps	Voltage	Amps	Voltage				
RCU1	24 FT				2				QC-R-35-IC	HILL PHOENIX INC	Grab-N-Go			--	27.1	24	32		E6	OT	--	--	3.0	120/1	2.6	--	TOTAL LIGHTS INCLUDES FOUR ROWS OF SHELF LIGHTS	RD1069.652 - 6/21/2019	RCU1
												SUCTION GROUP #1 REQUIRED CAPACITY (MBH):			27.1	22	(°F) Suction Temperature										

General Notes:

1.) Owner's designated refrigeration equipment manufacturer: Kysor//Warren.
2.) Remote Condensing Unit(s) shall be equipped with oversized receiver, if applicable.
3.) OEM to ensure adequate size of compressors and condenser to meet 105% NRE at the scheduled ambient temperature conditions above.
4.) Cases are controlled by S3C.

Updated: 11/12/2021

REFRIGERATION SCHEDULE SYSTEM RCU2

Format:	Supercenter	Store #:	767	System Type:	Remote Condensing Unit	Refrigerant:	R448A	Refrig. OEM:	Kysor//Warren	Condenser Type	Air	Heat Reclaim Media:	N/A	SG1 Refrig. Liquid Temp (°F):	113	SG2 Refrig. Liquid Temp (°F):	N/A
Proto Size:	--	City/State:	Lake City, FL	Consultant:	HEI	Estimated Refrigerant Charge (lbs):	N/A	System Elec:	208/220V 3ph 60Hz	Cond. Design TD (°F):	15	Heat Reclaim Use:	N/A	SG1 Comp RGT (°F):	50	SG2 Comp RGT (°F):	N/A
Proto Cycle Date:	9/24/2021	Elevation (ft):	123	Prepared By:	Fiona Fei	Rack & Cond. Charge (lbs):	-	Defrost Elec:	Off Time			Heat Reclaim Water (GPM):	--				
Date Prepared:	1/23/2022	Design DB (°F) / WB (°F):	106°F / 81°F	Interior Design DB (°F) / RH%:	75°F / 55%	Fixture and Field Piping (lbs):	N/A	Sys. Pilot Elec:	120V 1Ph	Cond. Elec	208/220V 3 Ph 60Hz	Est. Summer THR (MBH):	N/A	Evap. Superheat (°F):	10		
												Est. Winter THR Avail (MBH):	N/A				

SG3 Refrig. Liquid Temp (°F):	N/A	EXTERIOR DRY BULB (DB) (°F):	105.7																								
SG3 Comp RGT (°F):	N/A	50 yr. Extreme DB from ASHRAE Pub.	2017																								
		EXTERIOR WET BULB (WB) (°F):	80.7																								
		0.4% Monthly Max WB from ASHRAE Pub.	2017																								
		ASHRAE Design Conditions Weather Station:	Gainesville Regional, FL																								

CIRCUIT INFORMATION																		FIXTURE ELECTRICAL INFORMATION									
	Case Fixture Length / Quantity					Walk-In Box Size						LSHX Y or N? & Model # WI Evaps	Evaporator Coil TXV / Distributor Nozzle	Sub-Circuit Load (MBH)	Circuit Load (MBH)	Evap SST	Case/ Walk-In Air Temp	Circuit Control Valves		Defrost Type	Defrost Heaters		Fans		Lights Amps (120v)	Anti-Sweat Amps (120v)	Comments	Equip Number	CKT #
CKT #	FT /# of Doors	2 Dr/4'	3 Dr/6'	4 Dr/8'	5 Dr/12'	L	W	H	Case/Coil Model	Case/Coil Manuf.	Application							EPR	LLSV		Amps	Voltage	Amps	Voltage				
RCU2	40 FT			2	2				QC-R-35-IC	HILL PHOENIX INC	GRAB-N-GO			--	45.2	24	32		E9	OT	--	--	5.4	120/1	4.4	--	TOTAL LIGHTS INCLUDES FOUR ROWS OF SHELF LIGHTS	RD1069.652 - 6/21/2019	RCU2
												SUCTION GROUP #1 REQUIRED CAPACITY (MBH):			45.2	22	(°F) Suction Temperature										

General Notes:

1.) Owner's designated refrigeration equipment manufacturer: Kysor//Warren.
2.) Remote Condensing Unit(s) shall be equipped with oversized receiver, if applicable.
3.) OEM to ensure adequate size of compressors and condenser to meet 105% NRE at the scheduled ambient temperature conditions above.
4.) Cases are controlled by S3C.

Updated: 11/12/2021

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12/07/2021

REFRIGERATION SCHEDULES

SHEET: R2

EXISTING CONDITIONS WERE TAKEN FROM ORIGINAL DRAWINGS AND MAY NOT REFLECT EXACT "AS-BUILT" CONDITIONS. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO SUBMITTING FINAL BIDS. CONTRACTOR SHALL CAREFULLY COORDINATE NEW WORK AND DEMOLITION WITH ALL OTHER DISCIPLINES AND EXISTING CONDITIONS.

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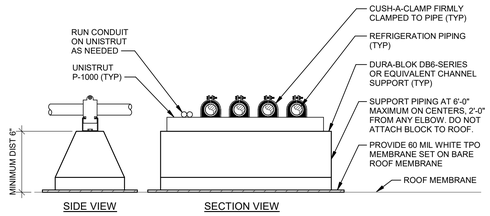
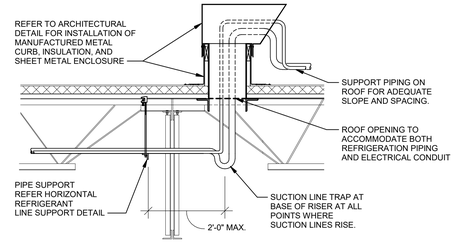


5 REFRIGERATION PIPING SUPPORT (ON ROOF)

NTS



4 ROOF PENETRATION

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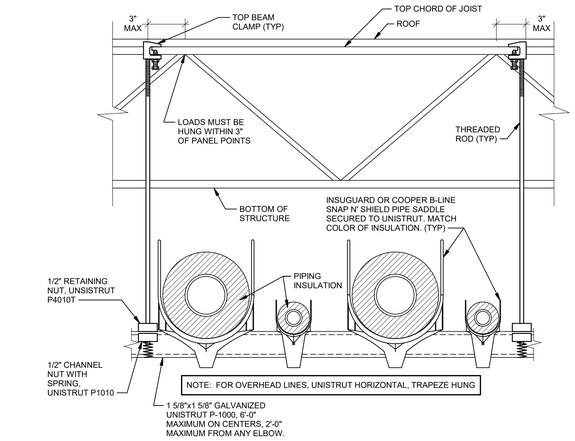
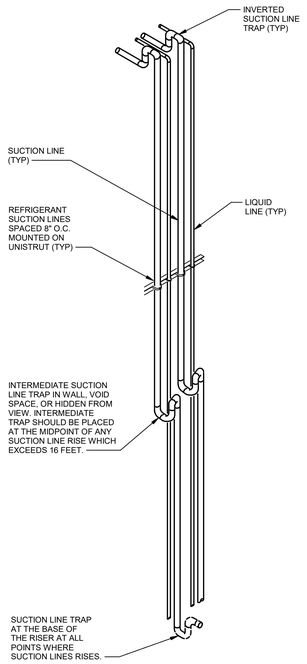


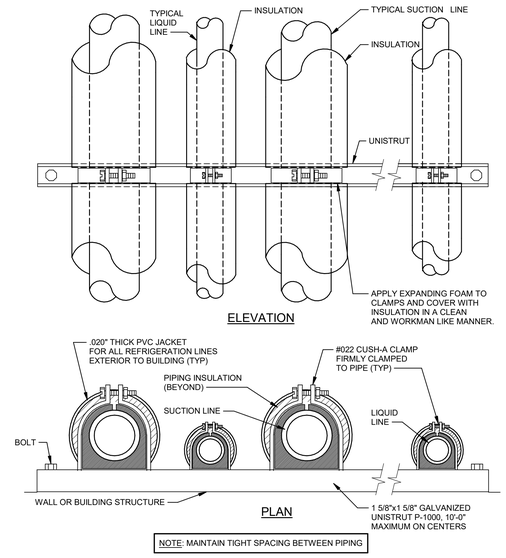
3 HORIZONTAL REFRIGERANT LINE SUPPORT

NTS



INTERMEDIATE SUCTION LINE TRAP

NTS



NOTE: MAINTAIN TIGHT SPACING BETWEEN PIPING

1 VERTICAL REFRIGERANT LINE SUPPORT

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REFRIGERATION DETAILS

SHEET: R3