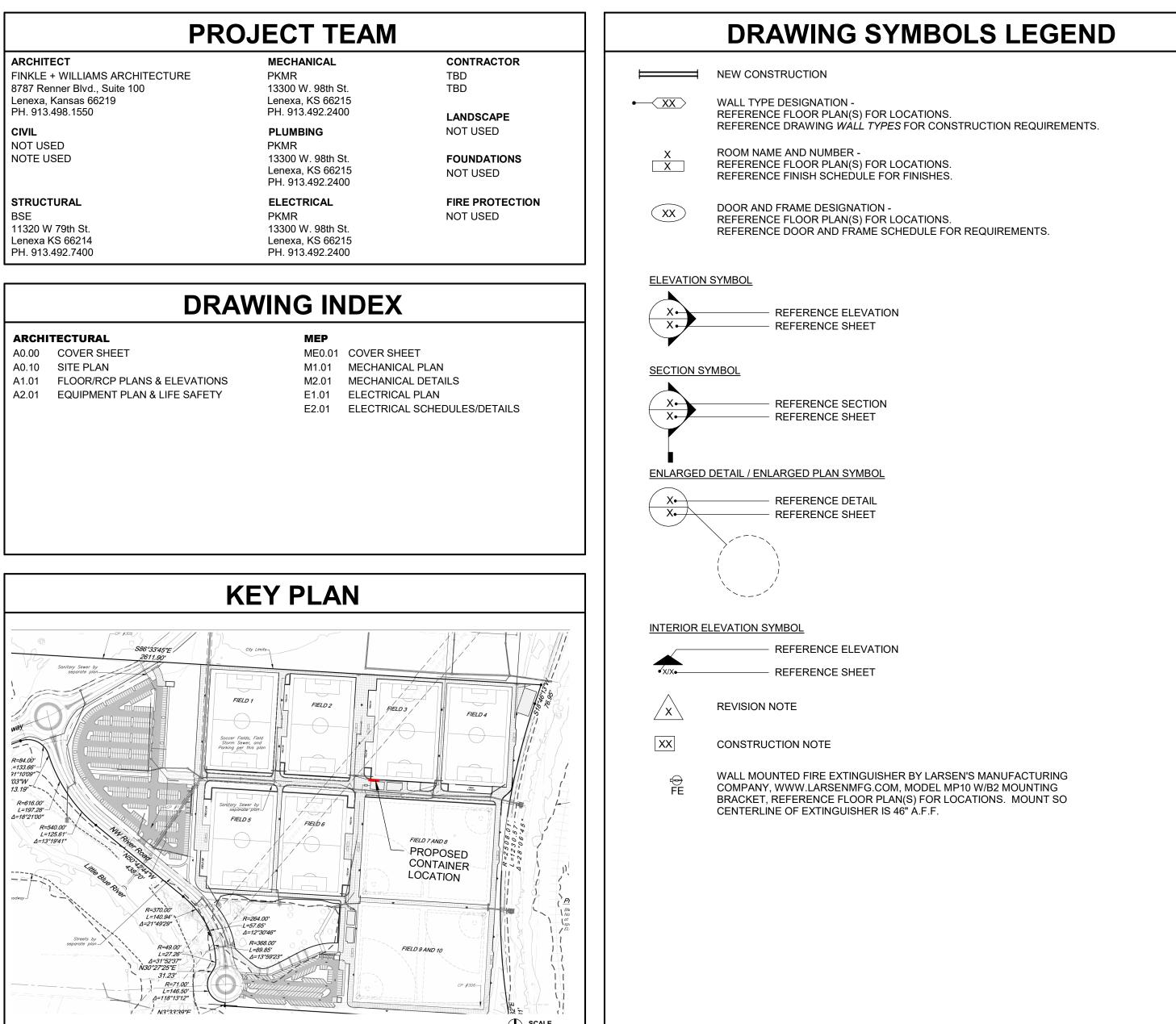
# **GENERAL NOTES**

- ALL CONSTRUCTION SHALL CONFORM TO THE MINIMUM STANDARDS OF THE APPLICABLE CODE INDICATED IN THE BUILDING SUMMARY COLUMN AND ALL LOCAL CODES PRESENTLY IN EFFECT UNLESS MORE STRINGENT REQUIREMENTS ARE INDICATED.
- ALL NEW CONSTRUCTION SHALL COMPLY W/THE AMERICANS WITH DISABILITIES ACT ACCESSIBILITY GUIDELINES (ADAAG) AND CHAPTER 11 OF THE INTERNATIONAL BUILDING CODE (INCLUDES ICC A117.1 PER IBC)
- THE GENERAL CONTRACTOR AND SUBCONTRACTORS SHALL OBTAIN AND PAY FOR ALL REQUIRED PERMITS, LICENSES, AND ALL UTILITY CHARGES, AND ARRANGE FOR ALL REQUIRED INSPECTIONS.
- THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING BUILDING & SITE UTILITIES BETWEEN CIVIL & MEP DRAWINGS. THE CONTRACTOR SHALL ALSO CONTACT ALL APPLICABLE UTILITY COMPANIES & PROVIDE CONDUIT & OTHER FACILITIES AS REQUIRED.
- THE GENERAL CONTRACTOR AND ALL SUBCONTRACTORS SHALL VERIFY ALL DIMENSIONS & CONDITIONS ON THE JOB SITE PRIOR TO THE BIDDING OF THE CONTRACT DOCUMENTS. THE CONTRACTOR SHALL NOTIFY THE ARCHITECT IMMEDIATELY OF ANY DISCREPANCIES.

IN CASES OF DISCREPANCY CONCERNING DIMENSIONS, QUANTITIES AND LOCATION, THE CONTRACTOR SHALL, IN WRITING, CALL TO THE ATTENTION OF THE ARCHITECT ANY DISCREPANCIES BETWEEN SPECIFICATIONS, PLANS, DETAILS OR SCHEDULES. THE ARCHITECT WILL THEN INFORM THE CONTRACTOR, IN WRITING, WHICH DOCUMENT TAKES PRECEDENCE. THERE SHALL BE NO ADJUSTMENT TO THE COST OR TIME OF THE WORK RESULTING FROM CLARIFICATION OF SUCH DISCREPANCIES.

- DIMENSIONS ON DRAWINGS ARE SHOWN TO FINISHED FACE OF WALLS AND PARTITIONS OF EXISTING OR NEW CONSTRUCTION UNLESS OTHERWISE NOTED. CEILING HEIGHT DIMENSIONS AND ALL OTHER VERTICAL DIMENSIONS ARE TO THE FINISHED FLOOR SURFACE UNLESS OTHERWISE NOTED.
- CONTRACTOR TO FOLLOW ALL PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS FOR ALL BUILDING PRODUCTS. IN THE EVENT OF A CONFLICT BETWEEN INFORMATION SHOWN ON THE CONTRACT DOCUMENTS AND PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS. PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS SHALL GOVERN. CONTRACTOR SHALL NOTIFY ARCHITECT OF ANY CONFLICTS BETWEEN PRODUCT MANUFACTURER INSTALLATION REQUIREMENTS AND THE CONTRACT DOCUMENTS PRIOR TO INSTALLATION.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR SUBMITTING SHOP DRAWINGS, PRODUCT DATA, OR SAMPLES FOR CASEWORK, FINISHES, DOORS, FRAMES, HARDWARE, MECHANICAL, ELECTRICAL, AND PLUMBING FIXTURES, AND OTHER ITEMS REQUIRING ARCHITECT'S REVIEW FOR CONFORMANCE WITH THE CONTRACT DOCUMENTS, AND FOR ALL ITEMS WHICH ALLOWED CONTRACTOR OPTIONS. PRIOR TO FORWARDING TO THE ARCHITECT FOR REVIEW. THESE SUBMITTALS MUST BE REVIEWED BY THE CONTRACTOR FOR CONFORMANCE WITH THE MEANS, METHODS, TECHNIQUES, SEQUENCES, AND OPERATIONS OF CONSTRUCTION AND SAFETY PRECAUTIONS AND PROGRAMS INCIDENTAL THERETO. ALL OF WHICH ARE THE SOLE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR SHALL AFFIX A STAMP TO SUBMITTAL INDICATING HIS REVIEW. SUBMITTALS FORWARDED WITHOUT A STAMP WILL BE RETURNED. ALL SUBMITTALS MUST BE REVIEWED BY THE ARCHITECT PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL GUARANTEE ALL WORK AGAINST FAULT OF ANY MATERIAL OR WORKMANSHIP FOR A PERIOD OF NOT LESS THAN ONE YEAR AFTER COMPLETION OR ACCEPTANCE. FAULTY WORK SHALL BE REPLACED OR REPAIRED AS REQUIRED AT NO COST TO THE OWNER.
- CONTRACTOR SHALL COORDINATE WITH OWNER ALL ITEMS TO BE SALVAGED PRIOR TO SUBMISSION OF BIDS AND START OF CONSTRUCTION. OWNER SHALL HAVE SALVAGE RIGHTS TO RETAIN ALL REMOVED ITEMS.
- ALL CHANGES PROPOSED DURING CONSTRUCTION WHICH RESULT IN A CHANGE TO THE CONTRACT TIME AND/OR SUM SHALL BE SUBMITTED TO THE ARCHITECT IN WRITING AND APPROVED BY THE ARCHITECT AND OWNER BEFORE SUCH WORK SHALL COMMENCE.
- 12. CONTRACTOR SHALL COORDINATE CLEAR OPENINGS FOR ALL APPLIANCES PRIOR TO CONSTRUCTION OF CASEWORK.
- CONTRACTOR SHALL FURNISH AND INSTALL CONCEALED FIRE-RETARDANT TREATED WOOD BLOCKING BEHIND ALL CABINETS, TOILET ACCESSORIES, PLUMBING FIXTURES, AND OTHER WALL MOUNTED ITEMS AS REQUIRED FOR ADEQUATE SUPPORT.
- CONTRACTOR SHALL COORDINATE ALL LOCK AND LATCH SETS AND FINAL KEYING WITH OWNER. DOUBLE KEYED LOCKS ARE NOT PERMITTED ON ANY REQUIRED OR MARKED EXIT. MATCH EXISTING KEYING SYSTEM IF ONE IS EXISTING.
- 15. ALL DOOR HARDWARE ON EXIT DOORS SHALL BE READILY OPERABLE FROM THE EGRESS SIDE WITHOUT THE USE OF A KEY, SPECIAL KNOWLEDGE, OR EFFORT.
- CONTRACTOR SHALL PREPARE ALL NEW AND EXISTING SURFACES SCHEDULED TO RECEIVE NEW FINISHES IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS FOR THE SUBSTRATE & FINISH BEING APPLIED.
- CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL EXISTING CONSTRUCTION INDICATED TO REMAIN AND SHALL REPAIR AND/OR REPLACE ALL AREAS AND/OR MATERIALS DAMAGED DURING CONSTRUCTION AT A MINIMUM TO THE CONDITION WHICH EXISTED PRIOR TO CONSTRUCTION.
- CONTRACTOR SHALL COORDINATE FINAL QUANTITY AND LOCATIONS OF FIRE EXTINGUISHERS WITH THE FIRE DEPARTMENT AND/OR BUILDING DEPARTMENT. SEE SYMBOLS LEGEND FOR TYPE OF EXTINGUISHER.
- 19. ALL CONSTRUCTION MATERIALS EXPOSED WITHIN PLENUMS SHALL BE NON-COMBUSTIBLE OR SHALL HAVE A MAXIMUM FLAME SPREAD RATING OF 25 AND MAXIMUM SMOKE DEVELOPED RATING OF 50.
- 20. ALL PIPING, LOW VOLTAGE WIRE AND CABLE, OPTICAL FIBER, PNEUMATIC TUBING, AND ALL DUCT AND DUCT COVERINGS, LININGS AND CONNECTORS INSTALLED WITHIN PLENUMS MUST BE RATED FOR PLENUM USE.
- IF THE CONTRACTOR FAILS TO SUBMIT A MATERIAL FOR APPROVAL, THE MATERIAL MAY BE REQUIRED TO BE REMOVED BY THE CONTRACTOR EITHER BY DIRECTION OF THE OWNER OR ARCHITECT.
- 22. THE CONTRACTOR IS TO PROVIDE AS BUILT DRAWINGS IN HARD COPY & AN ELECTRONIC AUTOCAD FILE TO THE OWNER AT THE CONCLUSION OF THE PROJECT.
- INSTALL ELASTOMERIC JOINT SEALER AROUND ALL PIPES, DUCTWORK, & STRUCTURE PASSING THRU INTERIOR NON-RATED CONCRETE AND MASONRY WALLS, GYPSUM BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS. FOR FIRE RATED INTERIOR CONCRETE AND MASONRY WALLS, GYPSUM BOARD PARTITIONS, AND CONCRETE FLOOR/ROOF SLABS SEAL ALL PIPES, DUCTWORK, AND STRUCTURE. INSTALL FIRESTOP MATERIALS IN ALL GAPS PRIOR TO SEALANT APPLICATION. INSTALL SEALER ACCORDING TO MANUFACTURER'S WRITTEN INSTRUCTIONS.

#### STRUCTURAL

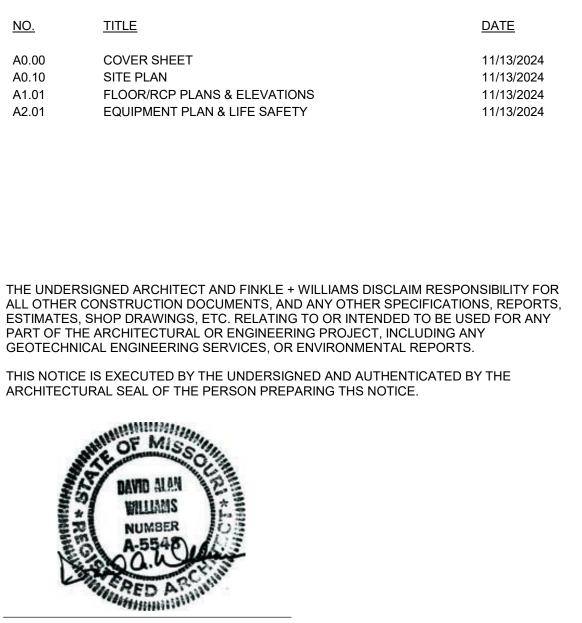


# PROFESSIONA

THIS DISCLAMER SERVES NO DISCLAIMER OF RESPONSIBILITY AS TO THE CONTRACT DOCUMENTS PREPARED FOR PROJECT NUMBER:

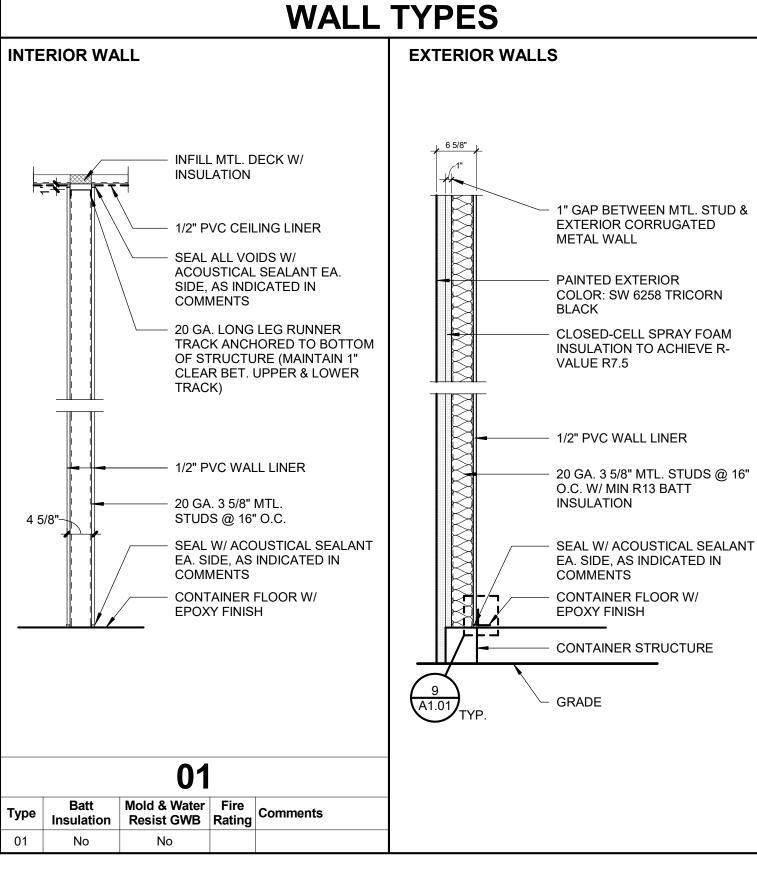
19050.09, PARAGON - CONTAINER BAR BY FINKLE + WILLIAMS, INC. THE UNDERSIGNED ARCHITECT, AND FINKLE + WILLIAMS, INC., ARE RESPONSIBLE FOR PREPARATION OF ONLY THE NOTED CONSTRUCTION DRAWINGS BELOW:

<u>NO.</u>	<u>TITLE</u>
A0.00 A0.10 A1.01 A2.01	COVER SHEET SITE PLAN FLOOR/RCP PLAN EQUIPMENT PLAN



ARCHITECT: DAVID A. WILLIAMS

$ \qquad $	
L SERVICES DISCLAIMER	
DTICE OF ACCEPTANCE OF RESPONSIBILITY AND	INTE



# **BUILDING SUMMARY**

#### GENERAL BUILDING INFORMATION

PROJECT NAME:	PARAGON - CONTAINER BAR	
ADDRESS:	1401 NW River Rd.	
	Lee's Summit, MO 64081	
PROPOSED USE:	BUSINESS (B) OCCUPANCY	

#### APPLICABLE CODES

INTERNATIONAL BUILDING CODE (IBC)	2018 EDITION
INTERNATIONAL MECHANICAL CODE (IMC)	2018 EDITION
INTERNATIONAL PLUMBING CODE (IPC)	2018 EDITION
NATIONAL ELECTRIC CODE (NEC)	2017 EDITION
INTERNATIONAL FIRE CODE (IFC)	2018 EDITION
INTERNATIONAL FUEL GAS CODE (IFGC	2018 EDITION
NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) LIFE SAFETY CODE 101	2018 EDITION
DEPT. OF JUSTICE ADA STANDARDS FOR ACCESSIBLE DESIGN	2010 EDITION

#### GENERAL BUILDING LIMITATIONS (CHAPTER 3, 5)

OCCUPANCY CLASSIFICATION: CONSTRUCTION TYPE: BASIC ALLOWABLE FLOOR AREA: PROPOSED FLOOR AREA:

<u>Group (B)</u> <u>TYPE V-B</u> 9,000 S.F. <u>320 S.F.</u> 2 STORIES, 40 FT

<u>9'-6"</u>

NON SPRINKLERED PER TABLE 506.2

OCCUPANT LOAD (1004):

BASIC ALLOWABLE HEIGHT:

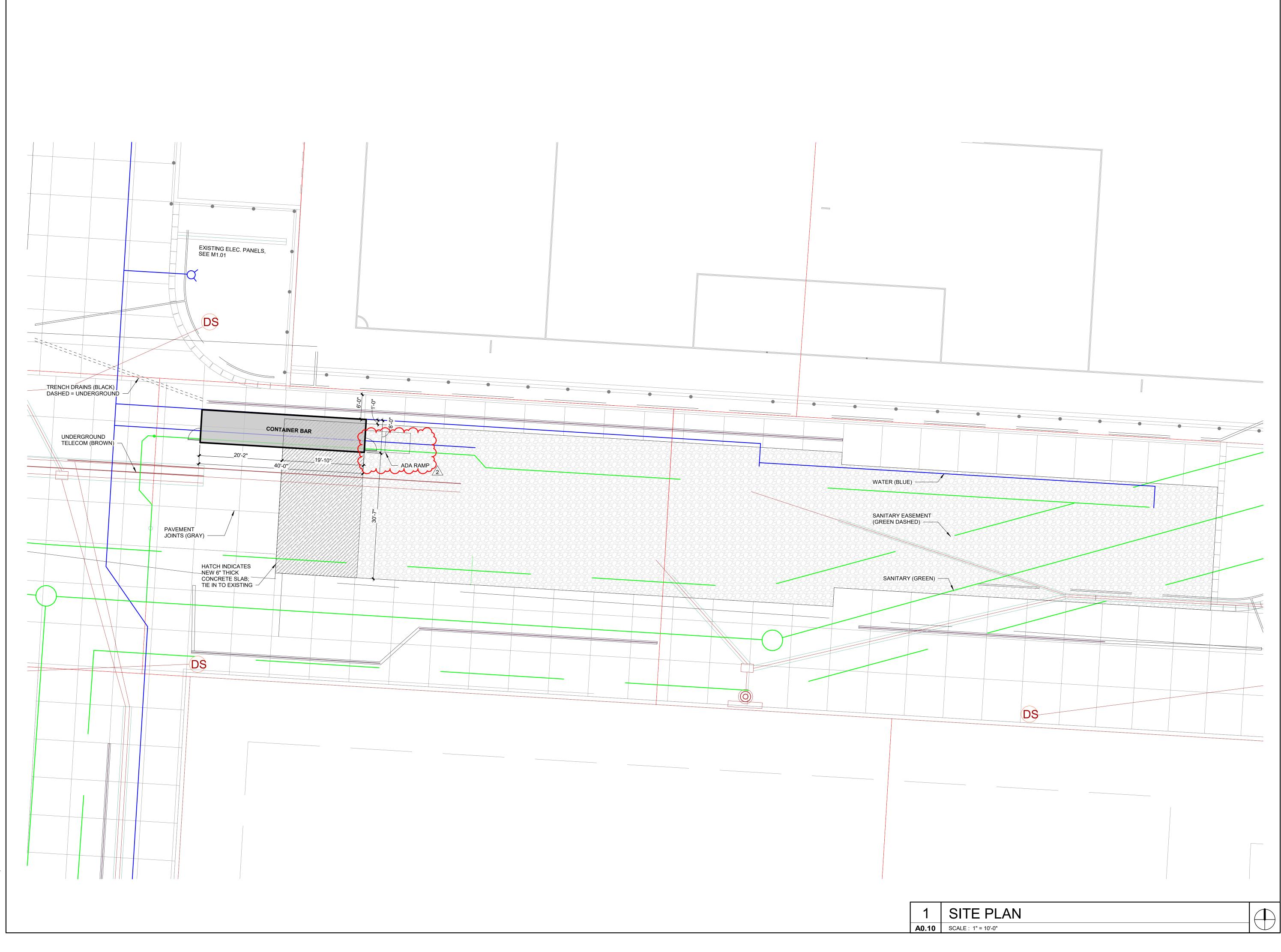
PROPOSED HEIGHT:

320 S.F. / 100 S.F. PER OCCUPANT = 4 OCCUPANTS BUSINESS:

TOTAL BUILDING OCCUPANCY: 4 OCCUPANTS

# $\mathbf{\Omega}$ $\mathbf{O}$ Т $\mathbf{C}$

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27/2024 12:22:44 PM PARAGON - CONTAINER BAF

# PARAGON -CONTAINER BAR

1401 NW River Rd. Lee's Summit, MO 64081

Project No.:		19050.09				
Date	):	11/13/2024				
Issue	ed For:	PERMIT				
		REVISIONS				
No.	Date	Description				
2	12/26/24	CITY COMMENTS				
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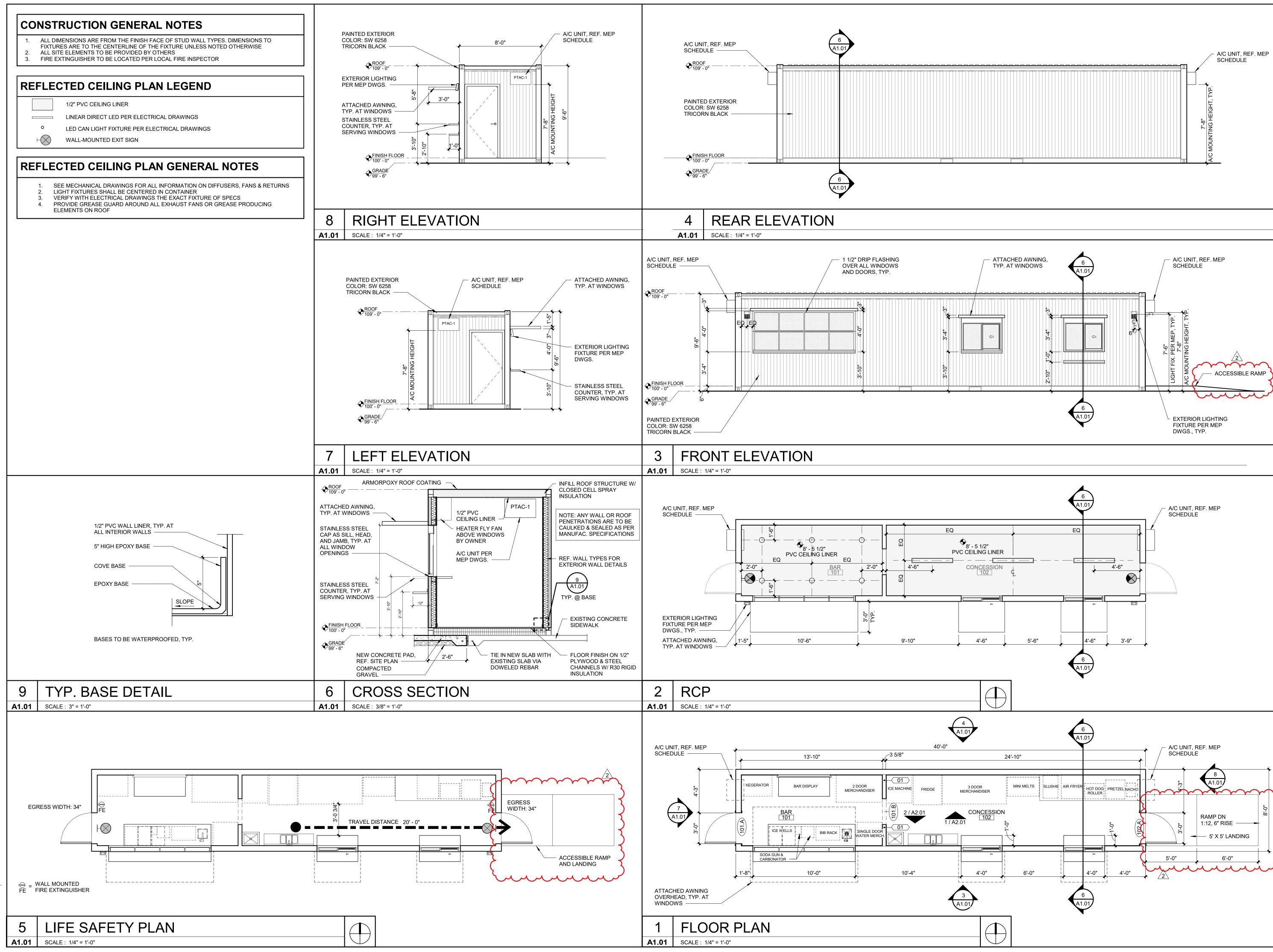
REGISTRATION



PROJE	CT TEAM
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	N/A
FOUNDATIONS	N/A
STRUCTURAL	N/A
PLUMBING	PKMR
MECHANICAL	PKMR
ELECTRICAL	PKMR
FIRE PROTECTION	N/A
CONTRACTOR	AT&S







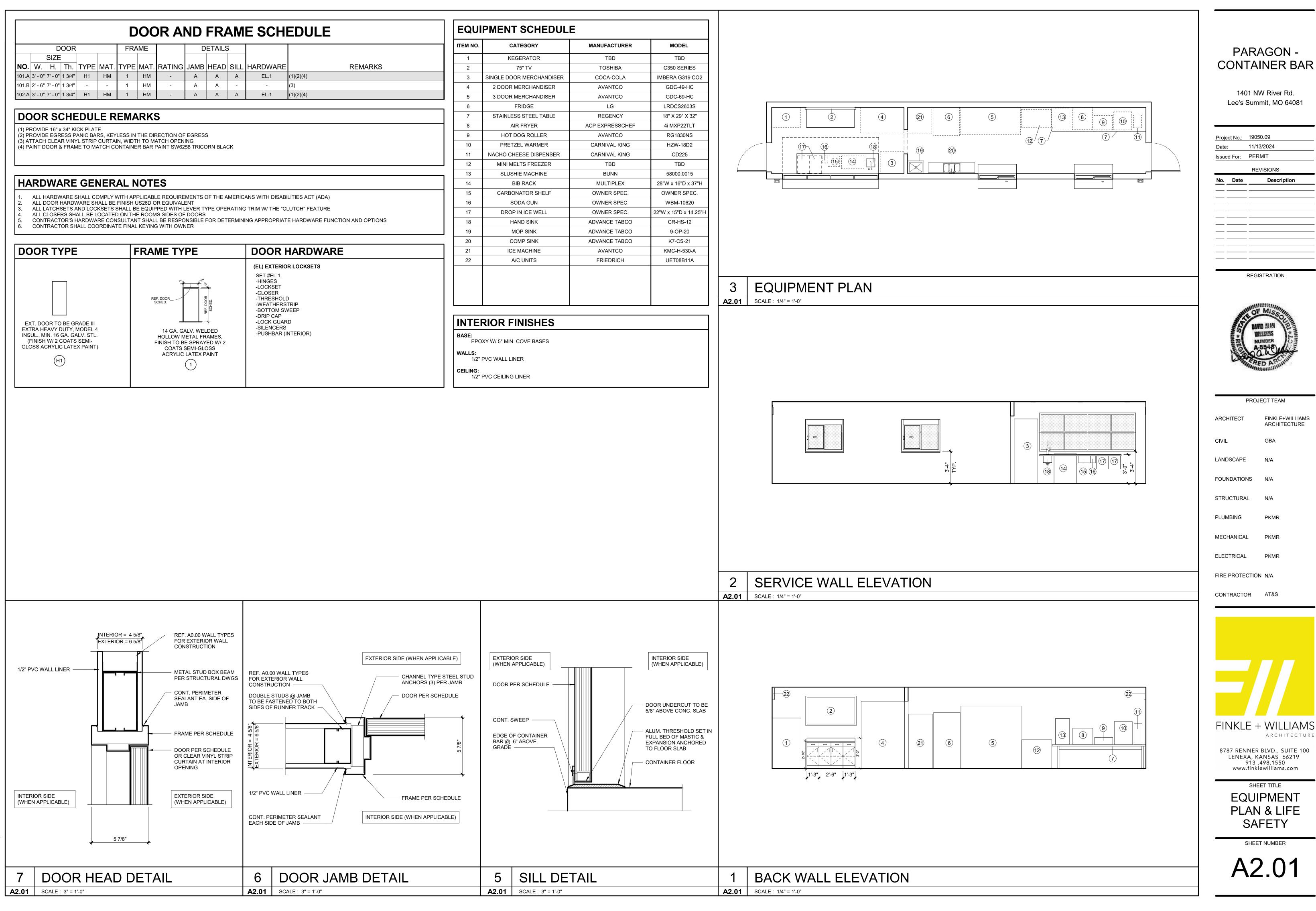
1401 NW River Rd. Lee's Summit, MO 64081 Project No.: 19050.09 11/13/2024 Date: Issued For: PERMIT REVISIONS No. Date Description 2 12/26/24 CITY COMMENTS REGISTRATION PROJECT TEAM ARCHITECT FINKLE+WILLIAMS ARCHITECTURE GBA CIVIL LANDSCAPE N/A FOUNDATIONS N/A STRUCTURAL N/A PLUMBING PKMR MECHANICAL PKMR ELECTRICAL PKMR FIRE PROTECTION N/A CONTRACTOR AT&S

PARAGON -

**CONTAINER BAR** 



SHEET NUMBER



024 11:46:28 AM PARAGON - CONTAINER B

<u>CIRCUITING</u>		POWER DEVICE	<u>s</u>	EQUIPMENT	
	HOME RUN (2#12 1#12G UNO)	<del>C</del>	DUPLEX RECEPTACLE.	다	DISCONNECT SWITCH. RE: PLANS FOR INFORM
	INDICATES 2 PHASE, 1 N, & 1 GRD CONDUCTOR	<del>¢-</del>	LINE THRU DEVICE INDICATES ABOVE COUNTER		MAGNETIC MOTOR STARTER
	HOME RUN: INDICATES SHARED CIRCUIT	<del>O</del> GFI	SPECIAL DUPLEX RECEPTACLE (GFCI, ISOLATED GROUND, ETC.)	М'n	COMBINATION DISCONNECT SWITCH / MOTOR S
	HOME RUN: INDICATES #10 CONDUCTORS ENTIRELY	₽	QUADPLEX RECEPTACLE	\$	TOGGLE—TYPE DISCONNECT. FURNISH WITH TH MOTOR PROTECTION WHERE SERVING FANS/I
TILITIES		$\ominus_{5-50R}$	SIMPLEX RECEPTACLE W/NEMA CONFIG AS NOTED		SURFACE PANELBOARD
	UNDERGROUND ELECTRICAL OVERHEAD ELECTRICAL	$\bigoplus_{5-50R}$	MULTI-POLE RECEPTACLE W/NEMA CONFIG AS NOTED		RECESSED PANELBOARD
UNL	OVERHEAD ELECTRICAL	$\ominus$	CEILING MOUNTED RECEPTACLE		DISTRIBUTION PANELBOARD
GHTING			RECEPTACLE/DEVICE MOUNTED IN "TOMBSTONE"		SWITCHBOARD. FEEDER/MAIN CIRCUIT BREAKE
•	GRID-MOUNTED TROFFER LIGHT FIXTURE	۲	POKE-THRU WITH POWER		SECTION AND DISTRIBUTION SECTION.
<u> </u>	STRIP LIGHT FIXTURE		POKE-THRU WITH TELECOMMUNICATIONS	GENERAL SYM	BOLS
•	SURFACE/RECESSED LIGHT FIXTURE	٨	POKE-THRU W/POWER AND TELECOM		INDICATES CONNECT TO EXISTING
Ю	WALL-MOUNTED LIGHT FIXTURE	FB	FLOOR BOX	<b>v</b>	
ᆔᇝ	POLE-MOUNTED LIGHT FIXTURE		DIVIDED POWER POLE		
$H\otimes \otimes$	EXIT LIGHT	$\bigcirc$	CLOCK RECEPTACLE		
<b>1</b>	BATTERY–OPERATED EMERGENCY LIGHT (WALL MTD)		PLUG MOLD / WIRE MOLD AS SPECIFIED		
	BATTERY-OPERATED EMERGENCY LIGHT (CEILING MTD)	$\bigcirc$	JUNCTION BOX		
	WALL-MOUNTED COMBINATION EXIT LIGHT/ BATTERY-OPERATED EMERGENCY LIGHT	CH	PUSH BUTTON		
\$	LIGHT SWITCH - SINGLE POLE	<i>\</i> <b>·</b> <i>\</i>	MOTOR		
\$ <sub>3</sub>	LIGHT SWITCH – 3-WAY				
\$ <sub>4</sub>	LIGHT SWITCH - 4-WAY				
\$ <sub>D</sub>	LIGHT SWITCH - DIMMER				
\$ <sub>M</sub>	WALL-MOUNTED MOTION SWITCH				

#### GENERAL PLUMBING NOTES

CEILING-MOUNTED MOTION SWITCH

 $\langle M \rangle$ 

- LATEST ADOPTED VERSION OF THE INTERNATIONAL PLUMBING CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ.
- 2. NO PIPING SHALL BE INSTALLED WHERE IT WILL SUBJECT TO FREEZING TEMPERATURES. PIPING IN EXTERIOR WALLS SHALL BE INSTALLED ON THE WARM SIDE OF BUILDING INSULATION, INSULATED AND THE CHASE SHALL BE VENTILATED WITH GRILLES ALLOWING INDOOR AMBIENT CONDITIONS TO CIRCULATE THROUGH THE CHASE. 3. PROVIDE CLEANOUTS IN THE FOLLOWING LOCATIONS:
- 3.1. IN ALL HORIZONTAL DRAINS (WITHIN THE BUILDING) NOT MORE THAN 100 FEET APART.
- 3.2. IN BUILDING SEWERS LOCATED NO MORE THAN 100 FEET APART MEASURED FROM THE UPSTREAM ENTRANCE OF THE CLEANOUT. 3.3. EACH CHANGE OF DIRECTION OF THE BUILDING DRAIN OR HORIZONTAL WASTE OR SOIL LINES GREATER THAN 45 DEGREES. WHERE MORE THAN ONE CHANGE OF DIRECTION OCCURS IN A
- RUN OF PIPING, ONLY ONE CLEANOUT SHALL BE REQUIRED FOR EACH 40 FEET OF DEVELOPED LENGTH OF THE DRAINAGE PIPING. 3.4. AT THE BASE OF EACH WASTE OR SOIL STACK. 3.5. NEAR THE JUNCTION OF THE BUILDING DRAIN AND BUILDING SEWER.

#### **GEN. MECHANICAL NOTES**

- 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE INTERNATIONAL MECHANICAL CODE, LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ.
- 2. ANY POWER FOR CONTROL SYSTEMS TO BE PROVIDED BY E/C IS INDICATED ON ELECTRICAL PLANS. ANY ADDITIONAL LINE VOLTAGE OR LOW VOLTAGE POWER REQUIRED BY THE M/C OR SUBCONTRACTORS TO HAVE A FULLY FUNCTIONING SYSTEM SHALL BE
- PROVIDED BY THE M/C CONTRACTOR OR SUBS. 3. ALL EQUIPMENT SHALL BE ADEQUATELY AND PROPERLY SUPPORTED
- AND FASTENED FROM STRUCTURE. 4. ALL EQUIPMENT AND ACCESSORIES INSTALLED IN CONCEALED SPACES
- REQUIRING ACCESS SHALL BE PROVIDED WITH ACCESS DOORS MEETING ANY FIRE REQUIREMENTS OF THE WALL/CEILING THEY ARE INSTALLED. 5. EACH AIR HANDLING UNIT OVER 2000CFM SHALL BE PROVIDED WITH
- A SMOKE DETECTOR TO SHUT DOWN THE UNIT PER IMC 606 AS REQUIRED BY AHJ. COORDINATE WITH OTHER TRADES.
- 6. START UP AND ADJUST ALL EQUIPMENT AND VERIFY ALL MECHANICAL SYSTEMS IN OPERATE IN ACCORDANCE WITH THEIR INTENDED PURPOSES. SUBMIT BALANCE AND START UP REPORTS TO THE A/E. REFER TO SPECIFICATIONS FOR ANY ADDITIONAL REQUIREMENTS.

### **GENERAL ELECTRICAL NOTES**

- 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE 1. COMPLETE INSTALLATION SHALL BE IN ACCORDANCE WITH THE LATEST ADOPTED VERSION OF THE NATIONAL ELECTRICAL CODE,
  - LOCAL AND STATE CODES, AND REQUIREMENTS OF THE AHJ. 2. COORDINATE LOCATIONS OF RECEPTACLES, SWITCHES, ETC. WITH
  - ARCHITECTURAL CASEWORK AND ELEVATIONS. 3. REFER TO MOUNTING HEIGHTS DETAIL FOR MOUNTING HEIGHTS OF
  - ALL DEVICES NOT INDICATED OTHERWISE. 4. PROVIDE ALL EMPTY CONDUITS WITH PULL STRINGS AND BUSHED
  - ENDS 5. CONTRACTOR SHALL CONCEAL ALL CONDUIT, FITTINGS, AND DEVICES FROM VIEW WHERE REASONABLY POSSIBLE.
  - 5.2. REFER TO SPECIFICATIONS FOR ALLOWABLE WIRING METHODS THROUGHOUT PROJECT. 5.3. ALL EXPOSED WIRING SHALL BE IN EMT OR METALLIC CONDUIT, EXCEPT AS PERMITTED BY SPECIFICATIONS FOR WHIPS TO
  - FOUIPMENT. 6. ALL CONDUCTOR SIZES INDICATED ON DRAWINGS ARE FOR COPPER CONDUCTORS UNLESS SPECIFICALLY NOTED OTHERWISE. ALUMINUM CONDUCTORS MAY BE USED ONLY UNDER THE FOLLOWING
  - CONDITIONS: 6.1. CONTRACTOR SHALL INCLUDE A DEDUCT ALTERNATE FOR USE OF SAME WITH BIDS. FOR OWNER ACCEPTANCE.
  - 6.2. AL CONDUCTORS MAY ONLY BE USED ON FEEDERS 100A OR GREATER - NO EXCEPTIONS.
  - 6.3. ALUMINUM CABLING SHALL BE COMPACTED ALUMINUM (STABILOY)
  - 6.4. PROVIDE COMPRESSION-TYPE ONE-HOLE OR TWO-HOLE LUG TERMINATIONS.
  - 6.5. PROVIDE ANTI-OXIDANT COMPOUND AT TERMINATIONS.
  - 6.6. CABLE TERMINATIONS SHALL BE MARKED "AL/CU". 6.7. FINAL SIZES OF CONDUCTORS TO BE CONFIRMED BY ENGINEER.
  - 6.8. ALUMINUM SERVICE CONDUCTORS MUST HAVE "AA-8000" SERIES LABELING ON CABLE JACKETS PER EVERGY REQUIREMENTS -NO EXCEPTIONS. ENGINEER RESERVES FINAL RIGHT TO ACCEPT/DENY USE OF
  - ALUMINUM CONDUCTORS FOR PART OR ALL OF PROJECT.

7. THE TOTAL VOLTAGE DROP ACROSS THE COMBINATION OF SERVICE CONDUCTORS, FEEDERS, AND BRANCH CIRCUIT CONDUCTORS SHALL NOT EXCEED 5%. WHERE THE TOTAL LENGTH OF THESE CONDUCTORS WILL EXCEED 150'. CONTRACTOR SHALL VERIFY VOLTAGE DROP BASED ON FIELD-ROUTING OF CONDUCTORS AND MAKE ALL NECESSARY ADJUSTMENTS TO CURRENT-CARRYING CONDUCTOR AND GROUND WIRE SIZES.

### **COORDINATION NOTES**

- 1. COORDINATE REQUIREMENTS FOR INSTALLATION OF SYSTEMS AND EQUIPMENT WITH ALL OTHER TRADES. 2. THE CONTRACTOR SHALL COORDINATE THE ROUTING AND PATH OF ALL SYSTEMS, CONDUITS, PIPES, DUCTS, ETC WITH THE POSITION AND LAYOUT OF THE STRUCTURE. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING NECESSARY OFFSETS, TURNS, RISES AND DROPS FOR SYSTEMS AND COMPONENTS AS NEEDED TO INSTALL THE MEP
- SYSTEMS TO CLEAR STRUCTURE, CEILINGS, ETC AND OTHER SYSTEMS IN POTENTIAL CONFLICT WITH ROUTING. 3. COORDINATE WORK WITH OTHER TRADES TO INSTALL SYSTEMS ABOVE CEILING HEIGHTS INDICATED ON ARCHITECTURAL PLANS.
- 4. CHECK SPACE REQUIREMENTS WITH OTHER TRADES AND STRUCTURE/CONSTRUCTION TO ENSURE THAT ALL MATERIALS AND EQUIPMENT CAN BE INSTALLED IN THE SPACE ALLOTTED INCLUDING FINISHED SUSPENDED CEILINGS AND OTHER SPACES, CHASES, ETC WITHIN THE BUILDING. MAKE MODIFICATIONS THERETO AS REQUIRED AND APPROVED.
- 5. TRANSMIT TO OTHER TRADES ALL INFORMATION REQUIRED FOR WORK TO BE PROVIDED UNDER THEIR RESPECTIVE SECTIONS IN AMPLE TIME FOR INSTALLATION.
- 6. WHEREVER WORK INTERCONNECTS WITH WORK OF OTHER TRADES, COORDINATE WITH THOSE TRADES TO ENSURE THAT ALL SUBCONTRACTORS HAVE THE INFORMATION NECESSARY SO THAT THEY MAY PROPERLY INSTALL ALL CONNECTIONS AND EQUIPMENT. IDENTIFY ALL ITEMS OF WORK THAT REQUIRE ACCESS SO THAT THE CEILING TRADE WILL KNOW WHERE TO INSTALL ACCESS DOORS AND PANELS.
- 7. COORDINATE, PROJECT AND SCHEDULE WORK WITH OTHER TRADES IN ACCORDANCE WITH THE CONSTRUCTION SEQUENCE. 8. DRAWINGS SHOW THE GENERAL RUNS OF CONDUITS. PIPING AND DUCTWORK AND APPROXIMATE LOCATION OF OUTLETS. ANY SIGNIFICANT CHANGES IN LOCATION OF ITEMS NECESSARY IN ORDER TO MEET FIELD CONDITIONS SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT/ENGINEER AND RECEIVE HIS APPROVAL BEFORE SUCH ALTERATIONS ARE MADE. ALL SUCH MODIFICATIONS
- SHALL BE MADE WITHOUT ADDITIONAL COST TO THE OWNER. 9. CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION AND REPAIR OF SURFACES. AREAS AND PROPERTY THAT MAY BE DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITIES.
- 10. ADJUST LOCATION OF PIPING, DUCTWORK, ETC. TO PREVENT INTERFERENCES, BOTH ANTICIPATED AND ENCOUNTERED. DETERMINE THE EXACT ROUTE AND LOCATION OF EACH ITEM PRIOR TO FABRICATION. MAKE OFFSETS, TRANSITIONS AND CHANGES IN DIRECTION IN SYSTEMS AS REQUIRED TO MAINTAIN ADEQUATE CLEARANCES AND HEADROOM.
- 11. WHEREVER THE WORK IS OF SUFFICIENT COMPLEXITY, PREPARE ADDITIONAL COORDINATION DRAWINGS AND ORGANIZE ON-SITE MEETINGS WITH ALL RELATED SUBCONTRACTORS TO COORDINATE THE WORK BETWEEN TRADES . DRAWINGS SHALL CLEARLY SHOW THE WORK AND ITS RELATION TO THE WORK OF OTHER TRADES, AND BE SUBMITTED FOR REVIEW PRIOR TO COMMENCING SHOP FABRICATION OR ERECTION IN THE FIELD.
- 12. COORDINATE WITH LOCAL UTILITY PROVIDERS FOR THEIR REQUIREMENTS FOR SERVICE CONNECTIONS AND PROVIDE ALL NECESSARY PAYMENTS, MATERIALS, LABOR AND TESTING TO ACCOMPLISH THE WORK.
- 13. COORDINATE THE MOUNTING OF SUSPENDED LIGHT FIXTURES UTILIZING INDIRECT LIGHT SO THAT CONDUIT, DUCTWORK, STRUCTURAL MEMBERS, ETC. ARE NOT LOCATED DIRECTLY ABOVE THE LIGHT FIXTURE. MAINTAIN A MINIMUM OF 24" CLEARANCE FROM THESE ITEMS WHENEVER POSSIBLE.

### **GENERAL NOTES**

- 1. SOME ROOM NAMES MAY NOT BE SHOWN FOR PURPOSE OF CLARIFYING PLAN. REFER TO ARCHITECTURAL PLANS FOR
- REFERENCE TO ROOM NAMES NOT SHOWN. 2. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAINTAIN AND KEEP AT THE JOB SITE, AN UP TO DATE SET OF "RECORD DRAWINGS" SHOWING ALL CHANGES FROM THE ORIGINAL PLANS. THE CONTRACTOR SHALL DELIVER THE "RECORD DRAWINGS" TO THE ENGINEER AT THE CONCLUSION OF THE PROJECT
- ELECTRONICALLY. 3. THESE DRAWINGS ARE DIAGRAMMATIC. THE CONTRACTOR SHALL VERIFY ALL CONDITIONS (NEW AND EXISTING), DIMENSIONS, AND CLEARANCES PRIOR TO THE COMMENCEMENT OF WORK AND SHALL INCLUDE ALL COSTS, EQUIPMENT, MATERIAL, ACCESSORIES, ETC. REQUIRED FOR A FULLY COMPLETE, FUNCTIONAL AND CODE COMPLIANT INSTALLATION.
- 4. FINAL LOCATIONS OF ALL DEVICES, LIGHT FIXTURES, EQUIPMENT ETC SHALL BE INDICATED ON THE ARCHITECTURAL DRAWINGS. ALL DIMENSIONAL INFORMATION SHALL BE OBTAINED FROM ARCHITECTURAL PLANS. NO DIMENSIONAL INFORMATION SHALL
- BE OBTAINED FROM MEP DRAWINGS. 5. THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS, APPROVALS, LICENSES, ETC. AS NEEDED FOR THE COMPLETE INSTALLATION AND PROJECT. THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ALL FEES AND DATA NEEDED FOR THIS.

### ABBREVIATIONS

A/E	ARCHITECT / ENGINEER	ELEV
AFF	ABOVE FINISHED FLOOR	FM
AFG	ABOVE FINISHED GRADE	EWT
AG	ABOVE GRADE	EX
AHJ	AUTHORITY HAVING JURISDICTION	FFA
AHU	AIR HANDLING UNIT	FFB
ARCH	ARCHITECT	<b>FFCO</b>
BFP	BACKFLOW PREVENTER	FGCO
BG	BELOW GRADE	FL
BLDG	BUILDING	FLR
BMS	BUILDING MANAGEMENT SYSTEM	FP
С	CONDUIT	FPM
CD	CANDELA	FWCO
CD	COLD DECK	G
CLG	COOLING	G/C
СМ	COORDINATE MOUNTING HEIGHT	GFI
CO	CLEAN OUT	GFIP
CTE	CONNECT TO EXISTING	GPM
DCVA		HD
DCW	DOMESTIC COLD WATER	HTG
DDC	DIRECT DIGITAL CONTROLS	IG
DF	DRINKING FOUNTAIN	JB
DHW	DOMESTIC HOT WATER	LED
DHWR	DOMESTIC HOT WATER RETURN	LWT
DIA	DIAMETER	M/C
DN	DOWN	MA
E/C	ELECTRICAL CONTRACTOR	MAU
EA	EXHAUST AIR	мсв

EDF ELECTRIC DRINKING FOUNTAIN

ELEV ELEVATION EMERGENCY FIXTURE/DEVICE EWT ENTERING WATER TEMPERATURE EXISTING ITEM FROM FLOOR ABOVE FFB FROM FLOOR BELOW FFCO FINISHED FLOOR CLEAN OUT FGCO FLUSH GRADE CLEAN OUT FLOW LINE FLR FLOOR FP FIRE PROTECTION FPM FEET PER MINUTE FWCO FLUSH WALL CLEAN OUT GROUND / GANG G/C GENERAL CONTRACTOR GFI GROUND FAULT CIRCUIT INTERUPTER SA GFIP GFI-PROTECTED DEVICE GPM GALLONS PER MINUTE HD HOT DECK HTG HEATING ISOLATED GROUND JUNCTION BOX LED LIGHT EMITTING DIODE LWT LEAVING WATER TEMPERATURE M/C MECHANICAL CONTRACTOR MIXED AIR MAU MAKE UP AIR UNIT MCB MAIN CIRCUIT BREAKER

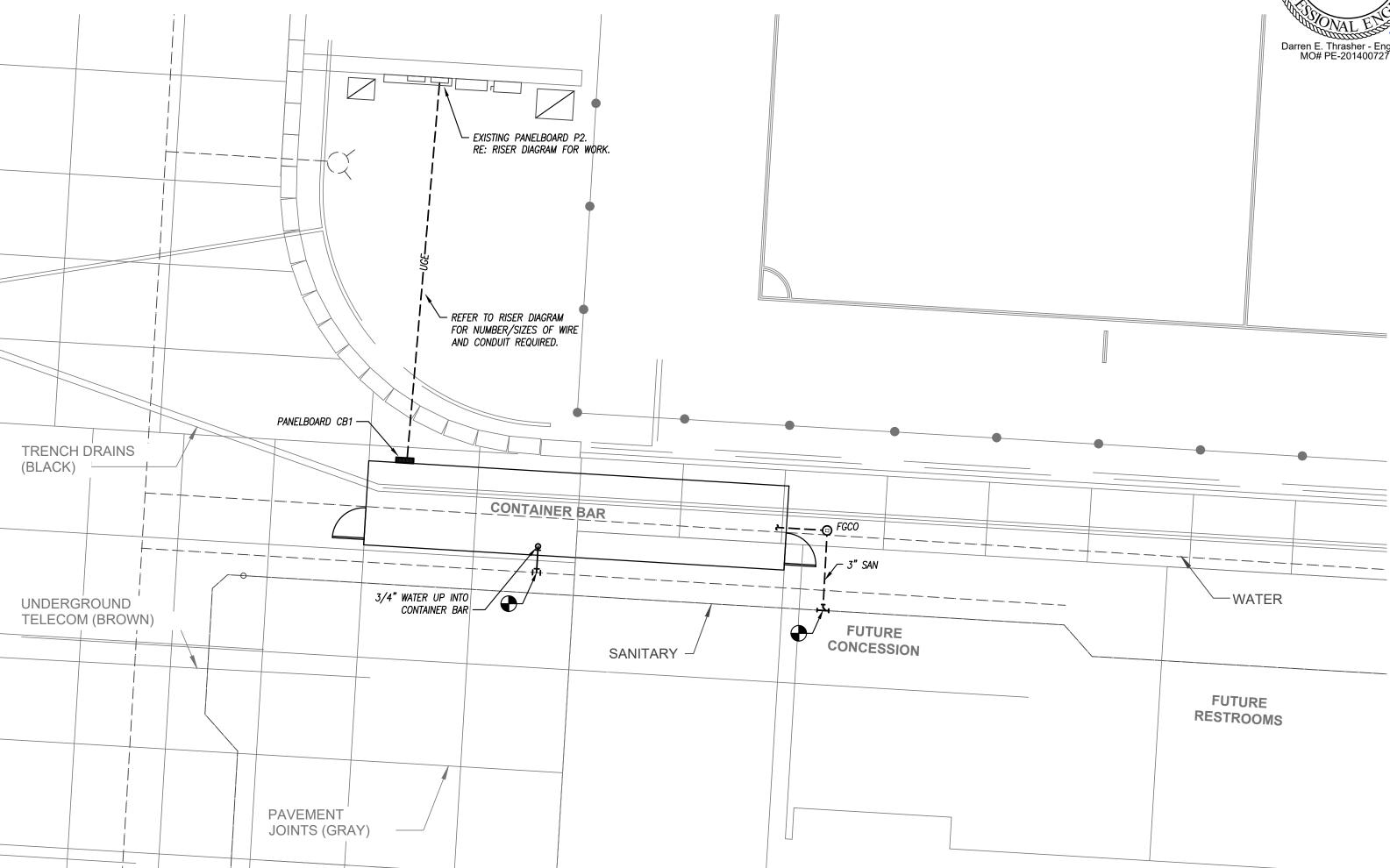
MECH MECHANICAL

- MH MANHOLE MLO MAIN LUGS ONLY NFA NET FREE AREA NIGHT LIGHT NL OUTSIDE AIR OA ORD OVERFLOW ROOF DRAIN P/C PLUMBING CONTRACTOR PSI POUNDS PER SQUARE INCH PVC POLYVINYLCHLORIDE RA RETURN AIR RE/REF REFER / REFERENCE RF RELIEF FAN RELOCATED ITEM RPZ REDUCED PRESSURE ZONE RESTROOM SUPPLY AIR SURGE PROTECTIVE DEVICE SHUNT TRIP TRANSFER AIR TFA TO FLOOR ABOVE TO FLOOR BELOW TAMPERPROOF TYPICAL UNO UNLESS NOTED OTHERWISE VRF VARIABLE REFRIGERANT FLOW
- VTR VENT THROUGH ROOF WCO WALL CLEANOUT
- WG WIRE GUARD

WP WEATHERPROOF

RL RR SPD ST TA TFB ΤP TYP

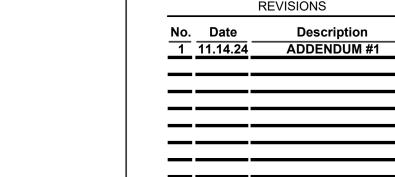
SUME STME	OLS AND ABBREVIATIONS ON THIS LEGEND MAY NOT BE ( TAL	MECHANICAL PIPING	PIPING SYMBC	DLS
E: PLANS FOR INFORMATION. TR T SWITCH / MOTOR STARTER CT. FURNISH WITH THERMAL HERE SERVING FANS/PUMPS. PD (MAIN CIRCUIT BREAKER ITION SECTION. $\bigcirc \square EL$ GENERAL	THERMOSTAT CONTROL WIRING FIXTURES/EQUIPMENT HOSE BIBB WALL HYDRANT CLEAN OUT REDUCED PRESSURE BACKFLOW PREVENTER DOUBLE CHECK BACKFLOW PREVENTER PLUMBING FIXTURE AND CALLOUT FD: FLOOR DRAIN, AD: AREA DRAIN, FS: FLOOR SINK	D     DRAIN (CONDENSATE)       PLUMBING PIPING       O     DOMESTIC COLD WATER       O     DOMESTIC HOT WATER       O     RECIRCULATING DOMESTIC HOT WATER       SAN     WASTE ABOVE GRADE OR FLOOR       SAN     WASTE BELOW GRADE OR FLOOR       V     PLUMBING VENT       W     WATER SERVICE	╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎ ╎	SHUTOFF VALVE SHUTOFF VALVE IN RISER BALANCING VALVE PLUG VALVE AUTO FLOW CONTROL VALV PIPING ELBOW UP PIPING ELBOW DOWN PIPING TEE PIPING TEE UP PIPING TEE UP PIPING TEE DOWN INCREASER / REDUCER UNION CAP PIPE FLEX
	INDICATES CONNECT TO EXISTING		<del></del> \_⁴ _+∏+	STRAINER CHECK VALVE INLINE STRAINER





### SHEET INDEX

ME0.01	COVER SHEET
M1.01	MECHANICAL PLAN
M2.01	MECHANICAL DETAILS
E1.01	ELECTRICAL PLAN
E2.01	ELECTRICAL SCHEDULES/DETAILS



PARAGON -

CONTAINER BAR

1401 NW River Rd.

Lee's Summit, MO 64081

11/06/2024

REVISIONS

REGISTRATION

PERAT

PE-2021000132

Andrea Peratt - Enginee MO# PE-2021000132

PROJECT TEAM

GBA

N/A

N/A

PKMR

PKMR

PKMR

FINKLE+WILLIAMS

ARCHITECTURE

NUMBER

R

ARCHITECT

LANDSCAPE

STRUCTURAL

PLUMBING

MECHANICAL

ELECTRICAL

FIRE PROTECTION N/A

CONTRACTOR AT&S

FOUNDATIONS N/A

CIVIL

Description

Project No.: 19050.09

Issued For: PERMIT

Date:





SHEET NUMBER

 $ME0_01$ 

								HTG CAP		CTRICAL		
<u> 1 220000 / 230000 – GENERAL REQUIREMENTS</u>	F. PROVIDE WATER HAMMER ARRESTORS FOR ALL PLUMBING BANKS W/ FIXTURES	PLAN MARK	MANUFACTURER	MODEL	CFM	CLNG CAP (BTUH)	EER	(BTUH)	VOLTAGE/PHASE	M.C.A.	M.O.C.P.	NC
L WORK SHALL BE IN ACCORDANCE W/ LATEST EDITION OF INTERNATIONAL BUILDING,	UTILIZING FLUSH VALVES IN ANY CAPACITY. LOCATE ARRESTER BETWEEN LAST TWO		CEACONIC	CTORDA1 //	007	8 000	0.0	, ,				1
CHANICAL & PLUMBING CODES, CODES AS ADOPTED BY CITY, COUNTY, STATE & ALL	FIXTURES SERVED ON BRANCH LINE.	PTAC-1	SEASONS	ST08RA1-H	227	8,000	9.6	4,200	120V / 1PH	13.0	15	1,
ER APPLICABLE CODES. NISH & INSTALL ALL LABOR & MATERIALS REQUIRED FOR COMPLETE, FUNCTIONING,	<u>SECTION 230000 – HVAC</u>	PTAC-2	SEASONS	STO8RA1-H	227	8,000	9.6	4,200	120V / 1PH	13.0	15	1,
CHANICAL & PLUMBING SYSTEMS W/ ALL ASSOCIATED EQUIPMENT & APPARATUS AS	1. GENERAL											
OWN ON PLANS. "PROVIDE" MEANS TO FURNISH & INSTALL.	A. PROVIDE COMPLETE HVAC SYSTEM AS SHOWN ON DRAWINGS INCLUDING ALL	<u>REMARKS</u>	<u>):</u>									
TAIN & PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THIS WORK & SHALL	NECESSARY EQUIPMENT, DUCTWORK, DIFFUSERS, GRILLES, & FILTERS. PROVIDE	1 PROVI	DE WITH WALL SLEEVE	AND ARCHITECTL	IRAL ALLIMINU	IM GRILLE PROVIDE SI	IBBASE FOR W	VALLS LESS THAN	6" THICK. VERIFY WITH I	WALL CONSTRU	ICTION	
KE ARRANGEMENTS FOR MODIFICATIONS TO WATER, GAS & SEWER CONNECTIONS TO	OPERATING & MAINTENANCE INSTRUCTIONS ON ALL EQUIPMENT.		DE CONDENSATE DRAII		ALCIMINO	W ONIELE. I NOVIDE SC	DDAGE FOR A	ALLO LLOG MIAN		WALL CONSTRO	011011.	
IDNG AS REQUIRED.	B. ALL HVAC WORK SHALL BE DONE IN STRICT ACCORDANCE W/ ALL REQUIREMENTS OF LOCAL BUILDING CODE, ASHRAE, NEC, NFPA, & ALL OTHER APPLICABLE CODES HAVING				-							
T SITE & OBSERVE CONDITIONS UNDER WHICH WORK WILL BE DONE. ANY CREPANCIES SHALL BE CALLED TO ARCHITECT'S ATTENTION. NO SUBSEQUENT	JURISDICTION.	3. PROVI	DE WITH CONDUIT KIT	AND DISCONNECT	l.							
OWANCE WILL BE MADE IN CONTRACT FOR ANY ERROR OR NEGLIGENCE ON												
NTRACTOR'S PART.												
L ACCEPTANCE OF WALL SHALL BE SUBJECT TO CONDITION THAT ALL SYSTEMS,	A. REFRIGERANT PIPING - COPPER TUBE TYPE ACR, HARD TEMPER NITROGENIZED											
IPMENT, APPARATUS & APPLIANCES OPERATE SATISFACTORILY AS DESIGNED &	REFRIGERANT TUBE, ASTM B–88. TYPE L OR K. BRAZED JOINTS. INSULATE W/ ARMAFLEX IN THICKNESS PER ASHRAE 90.1. PROVIDE EXTERIOR RATED OR COATED											
ENDED. WORK SHALL INCLUDE REQUIRED ADJUSTMENT OF SYSTEMS & CONTROL	ARMAFLEX OUTDOORS.											
UIPMENT INSTALLED UNDER THESE SPECIFICATIONS. RRANT TO OWNER QUALITY OF MATERIAL, EQUIPMENT, WORKMANSHIP & OPERATION	B. CONDESATE – TYPE L COPPER, INSULATE W/ FIBERGLASS W/ ASJ & PVC COVERS.											
EQUIPMENT PROVIDED UNDER THESE SPECIFICATIONS FOR ONE YEAR FROM &	OR SCHED 40 PVC W/ SOLVENT WELDS.											
ER COMPLETION OF BUILDING & ACCEPTANCE OF MECHANICAL SYSTEMS BY OWNER.												
MATERIALS INSTALLED IN PLENUMS SHALL BE NONCOMBUSTIBLE OR HAVE	3. EQUIPMENT											
ME/SMOKE INDEX OF NO MORE THAN 25/50 IN ACCORDANCE W/ ASTM E 84. IF PENETRATIONS — MADE BY AUTHORIZED ROOFING CONTRACTOR WHEN REQUIRED.	A. PACKAGED TERMINAL AIR UNITS AS SCHEDULED. A.A. FACTORY ASSEMBLED INCLUDING COIL, CONDENSATE PAN, FAN MOTOR(S), ELECTRIC											
N FENEINATIONS - MADE DI AUTHURIZED KUUFING UUNIKAUTUK WHEN KEQUIKED.	HEAT, FILTERS & CONTROLS IN INSULATED CASING W/ TXV.											
<u> 220000 – PLUMBING</u>	A.B. PROVIDE WITH HEAVY GAUGE, GALV STEEL SLEEVE, AND ARCHITECTURAL EXTERIOR											
PING	GRILLE AND ASSOCIATED ELECTRICAL POWER CORD.											
ER PIPING – ALL WATER PIPING SHALL BE 95–5 TIN-ANTIMONY JOINED TYPE L	A.C. AHRI RATED, UL LISTED & LABELED FOR INDOOR BLOWER COIL UNITS.											
PER. INSULATE W/ FIBERGLASS W/ ASJ & PVC COVERS. THINCKNESS IN	A.D. UL & CSA ELECTRIC HEAT MODULES. HEATERS AS SCHEDULED SINGLE-POINT CONNECTION & TERMINAL STRIP CONNECTIONS. HD NI-CHROM ELEMENTS.											
ORDANCE W/ ASHRAE 90.1. TE & VENT PIPING – CI BELL & SPIGOT OR HUBLESS CI W/ NEOPRENE GASKET	INTEGRAL DISC SWITCH & INTERNAL FUSING. 2" MERV 7 FILTERS.											
ie & vent piping – ci bell & spigut ur hubless ci w/ neuprene gasket NGS W/ STAINLESS STEEL BANDS. SCHED 40 PVC W/ SOLVENT WELDS MAY BE	A.E. EQUIVALENT BY FRIEDRICH, GOODMAN AMANA, LG, GE.							1				
D WHERE ALLOWED BY LOCAL CODE. PVC NOT ALLOWED IN PLENUMS.	B. THERMOSTAT – 2 OCC/UNOCC PERIODS/DAY. AUTO HEAT/COOL CHANGE OVER.							$\frown$	2			
	LOCKING SETPOINTS TO PREVENT TAMPERING. PROVIDE W/ ALL INTERFACES TO OTHER								~			
	EQUIPMENT AS REQUIRED. THERMOSTATS BY HONEYWELL, JOHNSON CONTROLS,					₽ <sup>+===</sup>		/		p	G	р 
ALVES	WHITE-ROGERS, TRANE, CARRIER OR APPROVED EQUAL.					┎──╄──┓	GERATOR	BAR DISPLAY				it U
EQUIVALENT VALVES LISTED ON CURRENT COMPARISON CHARTS OF SPECIFIED VALVE MANUFACTURERS BY MILWAUKEE, STOCKHAM, POWELL, RED-WHITE, CRANE,	4. EXECUTION							BAR DISPLAY	2 DOOR MERCHANDISER	ICE MACHIN	IE I FRIDGE	
APPOLO, MUELLER, MUESSCO, WATTS, HAYS, ROCKWELL-NORDSTROM.	A. COORDINATE W/ E/C TO PROVIDE ALL WIRING BETWEEN EQUIPMENT, DAMPERS,						¦ L					
BALL VALVES – 2" & UNDER – BRONZE FULL PORT W/ TEFLOW SEATS,	THERMOSTATS & ALL OTHER REQUIRED CONTROLS & DEVICES. PROVIDE ANY					ļ						L
BRONZE BALL & INSULATED HANDLE.	REQUIRED INTERFACES TO FIRE ALARM OR SIMILAR SYSTEMS.						<u>TAC-1</u> 1					
CHECK VALVES - 2" AND SMALLER SCREWED OR SOLDER BRONZE CHECK	5. TESTING AND BALANCE						SODA CARB	GUN & ONATOR				
VALVE, 200 PSI-WOG/125 PSI-WSP, TEFLON OR BRONZE DISC & SEAT RING.	A. CONTRACTOR SHALL PROCURE SERVICES OF INDEPENDENT TAB CONTRACTOR WHICH					/						
ixtures – see schedules	SPECIALIZES IN TAB OF HVAC SYSTEMS, TO BALANCE, ADJUST, & TEST AIR MOVING						I ICE WE	цья				
TURES: AMERICAN STANDARD, KOHLER, CRANE, ZURN, TOTO	EQUIPMENT & DISTRIBUTION & EXHAUST SYSTEMS & ALL WATER FLOW CIRCUITS.								BIB RACK SINGLE DO WATER MER	NOR RCH.		
NLESS STEEL FIXTURES: ELKAY, JUST, MOEN COMMERCIAL	WORK SHALL BE DONE UNDER ENGINEER EMPLOYED TAB. ALL INSTRUMENTS USED SHALL BE ACCURATELY CALIBRATED & MAINTAINED IN GOOD WORKING ORDER. IF							L_				<u>LL</u>
NGS & SUPPORTS: JOSAM, SMITH, WADE, ZURN, OR JONESPEC.	SHALL BE ACCURATELY CALIBRATED & MAINTAINED IN GOOD WORKING ORDER. IF REQUESTED TESTS SHALL BE CONDUCTED IN PRESENCE OF A/E RESPONSIBLE FOR					Ψ <u></u>						
BY MOEN, DELTA, ELJER, KOHLET, AMERICAN ST&ARD, CRANE, SLOAN. NS BY WADE, ZURN, WOODFORD, SMITH, JOSAM.	PROJECT &/OR REPRESENTATIVE.											
	B. TESTING & BALANCING (TAB) OF BUILDING HVAC SYSTEMS WILL BE COMPLETED NEAR								 			
UIPMENT - SEE SCHEDULES	END OF CONSTRUCTION. M/C HAS RESPONSIBILITY TO COOPERATE W/, MAKE											
ER HEATER – EEMAX, RHEEM, NATIONAL, A.O. SMITH. INSTANTANEOUS WATER	ADJUSTMENTS FOR & PROVIDE EQUIPMENT NECESSARY FOR TAB CONTRACTOR TO											
TER. COLD WATER INLET DROP TUBE. MAGNESIUM ANODE RODS. U.L. SEAL, 160 FACTORY TEMPERATURE & PRESSURE RELIEF VALVE. N.S.F. CONSTRUCTION. 3 YR	COMPLETE JOB. C. INSTALLING CONTRACTOR SHALL MAKE ALL NECESSARY INSPECTIONS & ADJUSTMENTS								·			
FACTORT TEMPERATURE & PRESSURE RELIEF VALVE. N.S.F. CONSTRUCTION. 5 TR T RANTY.	C. INSTALLING CONTRACTOR SHALL MAKE ALL NECESSARY INSPECTIONS & ADJUSTMENTS TO INSURE THAT SYSTEMS ARE COMPLETELY INSTALLED & OPERATING ACCORDING TO											
ASE INTERCEPTOR HYDROMECHANICAL POLYETHYLENE INTERCEPTOR WITH	MANUFACTURER'S RECOMMENDATIONS & CONTRACT DOCUMENTS.											
er/gas tight seal and cover. Provide with built in flow control device. $\angle 1$	D. BALANCING CONTRACTOR SHALL PREPARE CERTIFIED REPORT OF ALL TESTS PERFORMED.											
	REPORT SHALL BE WRITTEN ON STANDARD FORMS PREPARED BY NEBB OR AABC OR								$\square$			<b>ה</b> (
CUTION OVIDE UNIONS OR FLANGED JOINTS IN EACH PIPE LINE PRECEDING CONNECTIONS TO	FACSIMILES THEREOF. BALANCING CONTRACTOR SHALL SUBMIT 3 COPIES OF THIS								(( )	<u>∖</u> ∖⊢∟	OOR F	<b>YL</b> A
JIPMENT TO ALLOW REMOVAL FOR REPAIR OR REPLACEMENT. PROVIDE ALL SCREWED	REPORT TO M/C WHO SHALL SUBMIT THEM TO A/E FOR REVIEW & DISTRIBUTION.								14	<u> 1/4" =</u>	1'-0"	
CONTROL VALVES W/ UNIONS ADJACENT TO EACH CONNECTION. PROVIDE SCREWED									$\checkmark$			
VALVES W/ UNION ADJACENT TO VALVE UNLESS VALVE CAN BE OTHERWISE EASILY												
IOVED FROM LINE.												
TER PIPING IS IN PLACE TEST LINES TO INSURE NO LEAKS.												
. PIPING & EQUIPMENT SHALL BE SUPPORTED PROPERLY FROM STRUCTURE.												
PIPING & EQUIPMENT SHALL BE SUPPORTED PROPERLY FROM STRUCTURE. ITCHEONS – PROVIDE NICKEL–BRASS OR CHROME PLATED ON ALL EXPOSED PIPES												

PIPING						ALLOWABLE IN	INSULATION		
SYSTEM	SIZE	TYPE/SCHED	MATERIAL	ACCEPTABLE FITTINGS	FIELD TEST PRESSURE/TIME	PLENUMS	TYPE	THICKNESS	
DOMESTIC COLD WATER	1/2"-2-1/2"	L	COPPER	SOLDER, PRO-PRESS	130 PSI – 1/2HR	YES	FIBERGLASS W/ ASJ	1/2"	
DOMESTIC HOT WATER & HW RETURN	1/2"-1-1/4"	L	COPPER	SOLDER, PRO-PRESS	130 PSI – 1/2HR	YES	FIBERGLASS W/ ASJ	1"	
SOIL & WASTE ABOVE GRADE	2"-8"	SCH. 40	PVC	SOLVENT JOINED	10 FT - 1/2HR	NO			
SOIL & WASTE BELOW GRADE	2"-8"	SCH. 40	PVC	SOLVENT JOINED	10 FT – 1/2HR	NO			
GREASE WASTE BELOW GRADE	2"-8"	SCH. 40	ABS	SOLVENT JOINED	10 FT – 1/2HR	NO			
RPZ AND SIMILAR EXPOSED DRAIN LINES	ALL	L	COPPER	SOLDER, PRO-PRESS	10 FT – 1/2HR	YES			
DOM. WATER SERVICE BELOW GRADE	1"-3"	К	COPPER	CONTINUOUS TUBING, BRAZED	130 PSI – 1/2HR	YES			
NOTES									
I. ALL PIPING AND MATERIALS IN PLENUMS MUST	r meet astm e84 elame/sn	IOKE RATING OF 25/50.							

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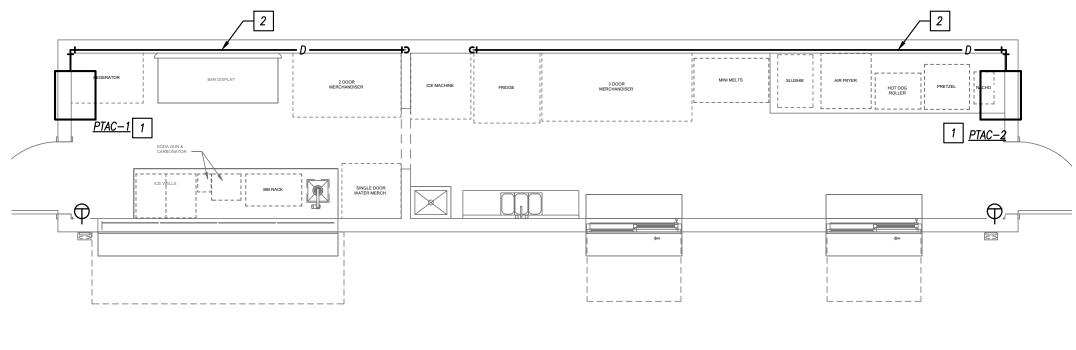
3. REFER TO SPECIFICATIONS FOR MORE DETAILED INFORMATION.

MARKS
1,2,3

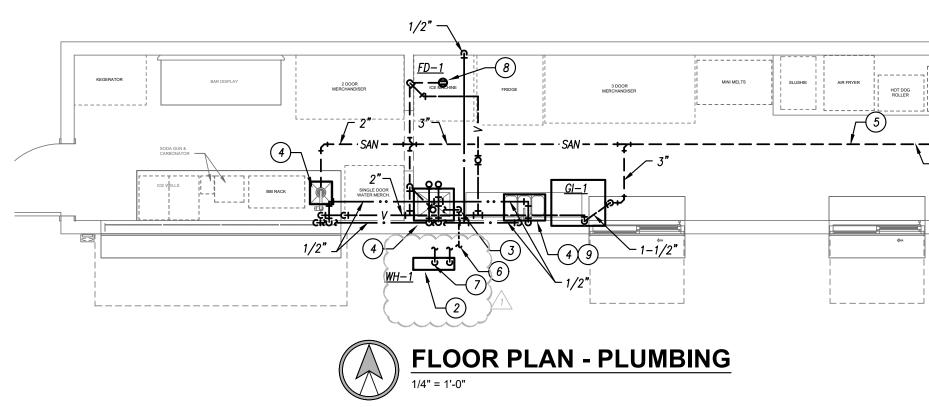
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INTERCEPTOR SCHEDULE									
PLAN MARK	MANUFACTURER	SERVICE	MODEL NUMBER	MAX FLOW RATE	GREASE CAPACITY (LBS)	LIQUID CAPACITY (GAL)	INLET SIZE	OUTLET SIZE	REMARKS
GI—1	GI-1       SCHIER       FOOD GREASE       GB1       20       70       10       3"       3"       1,2								1,2
<u>REMARKS:</u> 1. FLOOR MOUNTED BELOW SINK. 2. PROVIDE WITH BUILT-IN FLOW CONTROL, AND TEST CAPS WITH 3 OUTLET OPTIONS.									

FLOOR DRAIN SCHEDULE								
PLAN MARK	MANUFACTURER	MODEL NUMBER	SERVICE	TOP/GRATE SIZE	WASTE SIZE	REMARKS		
FD-1 WADE 1100 FLOOR DRAIN 6"Ø 2" 1								
<u>REMARKS:</u> 1. PROVIDE WITH NICKEL BRONZE TOP.								







#### **GENERAL HVAC NOTES**

- 1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.
- 2. FOR BALANCING THE OUTSIDE AIRFLOW QUANTITIES, REFER TO HVAC SCHEDULES.

#### **HVAC PLAN KEYED NOTES**

1 INSTALL TOP OF THROUGH WALL AIR CONDITIONER 12" BELOW CEILING. 2 ROUTE 3/4" CONDENSATE DRAIN TIGHT TO EXTERIOR WALL AND DOWN TO FLOOR DRAIN UNDER ICE MAKER.



- 1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.
- 2. REFER TO PLUMBING FIXTURE / DRAIN SCHEDULES FOR PIPING SIZES FOR INDIVIDUAL CONNECTIONS TO FIXTURES AND RISERS NOT SHOWN ON PLANS.
- 3. NO SANITARY OR VENT PIPING BELOW GRADE SHALL BE LESS THAN 2".
- 4. NO DOMESTIC WATER PIPING SHALL BE SMALLER THAN 3/4" UNLESS NOTED OTHERWISE.
- 5. ALL VENT PIPING SHOWN IS DIAGRAMMATIC. USE APPROPRIATE FITTINGS FOR VENT PIPING BELOW FLOOD RIM OF FIXTURE. 6. NOT ALL INTERIOR CLEANOUTS ARE SHOWN FOR DRAWING CLARITY.
- CONTRACTOR SHALL INSTALL ALL CODE-REQUIRED CLEANOUTS (RE: GENERAL NOTES ON COVER SHEET). COORDINATE EXACT LOCATIONS OF CLEANOUTS WITH ARCHITECT.
- 7. ALL FLOOR DRAIN TRAPS SHALL BE PROTECTED BY TRAP SEALS AND IN COMPLIANCE WITH ADOPTED VERSION OF PLUMBING CODE AND/OR AHJ.

## PLUMBING PLAN KEYED NOTES

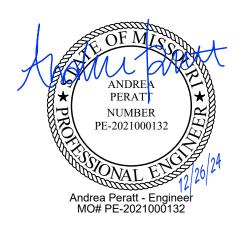
- (1) CONNECT 3" SANITARY ON SITE.
- (2) WATER HEATER INSTALLED ABOVE JANITOR SINK, SHOWN OFFSET FOR CLARITY. ROUTE DRAIN TO JANITOR SINK BELOW.
- 3 3/4" WATER SERVICE UP THROUGH SHIPPING CONTAINER FLOOR. PROVIDE WATER SERVICE RPZ OVER JANITOR SINK.
- (4) OWNER PROVIDED PLUMBING FIXTURE.
- 5 PLUMBING CONTRACTOR SHALL COORDINATE ALL BELOW FLOOR PIPING WITH DRAIN PLACEMENT IN SHIPPING CONTAINER WHICH WILL BE CONSTRUCTED OFF SITE.
- (6) provide 3/4" domestic water tap off existing water service on site. 7 3/4" DCW & DHW TO WATER HEATER.
- 8 PROVIDE INDIRECT DRAIN LINE WITH AIR GAP FROM THE ICE MAKER TO THE TO FLOOR DRAIN.
- 9 PROVIDE INDIRECT DRAIN LINES WITH AIR GAP FOR THE 3 COMPARTMENT SINK. REFER TO DETAIL ON M2.01

### PARAGON -CONTAINER BAR

1401 NW River Rd. Lee's Summit, MO 64081

Project No.:	19050.09
Date:	11/06/2024
Issued For:	PERMIT
	REVISIONS
No. Date	Description
1 11.14.24	ADDENDUM #1
2 12.26.24	CITY COMMENTS
2 12.26.24	CITY COMMENTS
2 12.26.24	
2 12.26.24	CITY COMMENTS
<u>2</u> 12.26.24	
2 12.26.24	
2 12.26.24	

REGISTRATION



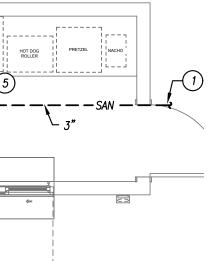
PROJE	CT TEAM
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	N/A
FOUNDATIONS	N/A
STRUCTURAL	N/A
PLUMBING	PKMR
MECHANICAL	PKMR
ELECTRICAL	PKMR
FIRE PROTECTION	N/A
CONTRACTOR	AT&S



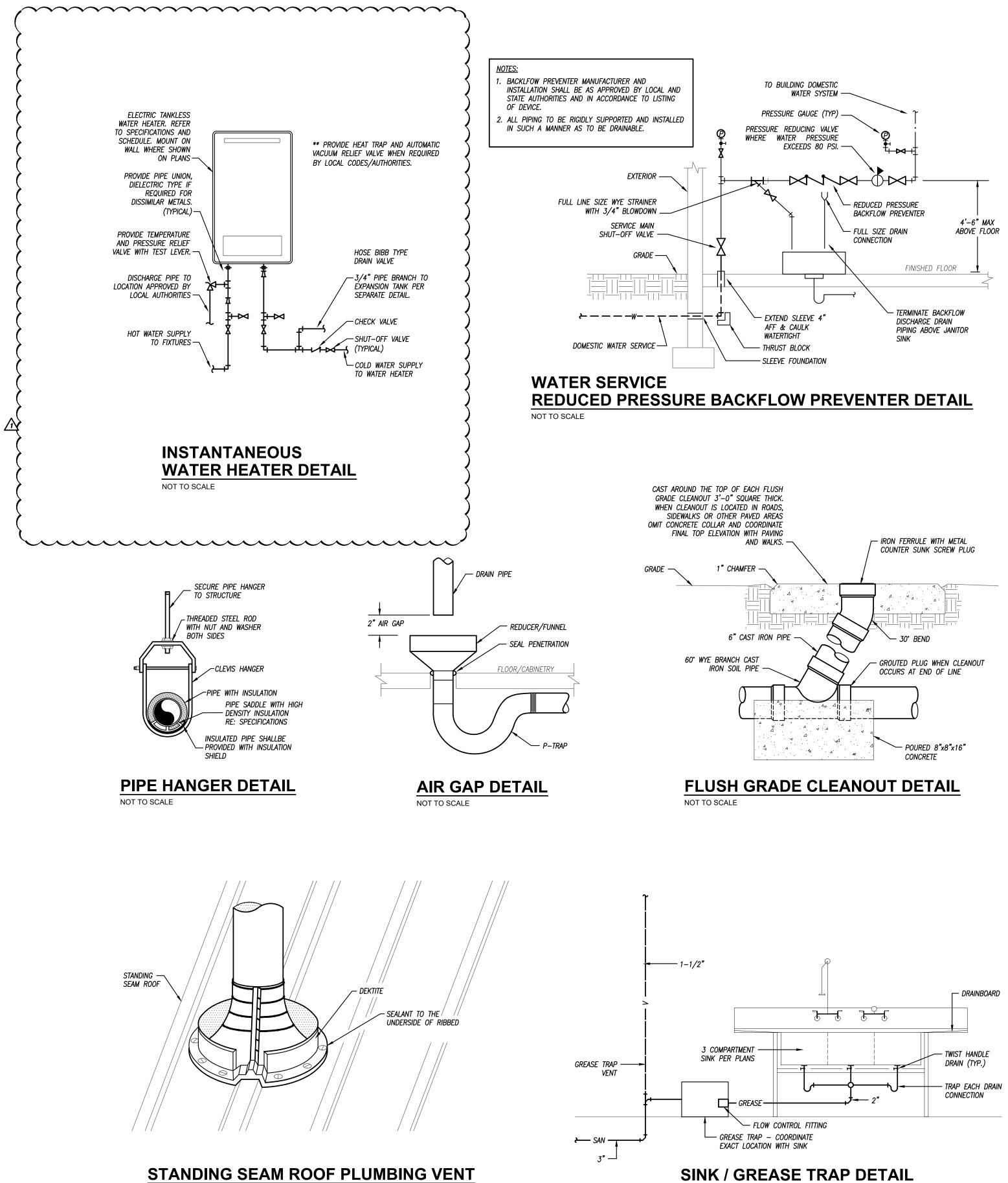


SHEET NUMBER









NOT TO SCALE



### PARAGON -CONTAINER BAR

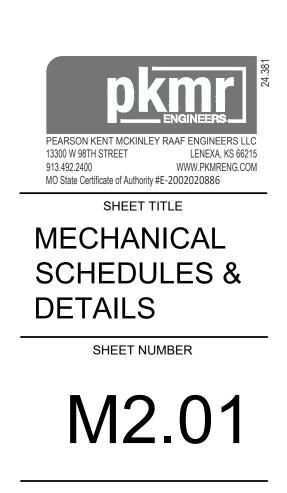
1401 NW River Rd. Lee's Summit, MO 64081

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1 11.14.24	ADDENDUM #1

REGISTRATION



ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE GBA
	GBA
GIVIE	
LANDSCAPE	N/A
FOUNDATIONS	N/A
STRUCTURAL	N/A
PLUMBING	PKMR
MECHANICAL	PKMR
ELECTRICAL	PKMR
FIRE PROTECTION	N/A
	AT&S

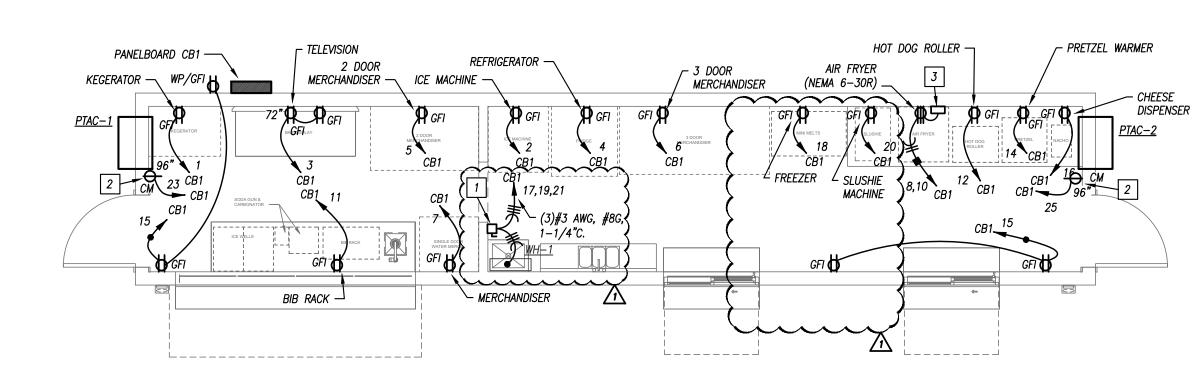


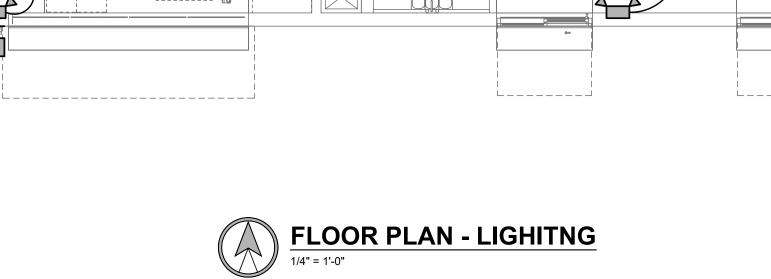
#### 260000 - ELECTRICAL SPECIFICATIONS <u>SECTION 260000 - ELECTRICAL REQUIREMENTS</u> EXCEPT OUTLETS MAY BE MOVED 4 FEET IN EITHER DIRECTION IF SO DIRECTED, WITHOUT ADDITIONAL COST. BOXES SHALL BE FLUSH MOUNTED ON WALLS FOR GENERAL REQUIREMENTS CONCEALED WORK. GANGABLE BOXES SHALL BE USED IN ALL GYPBOARD SURFACES. A. ALL WORK SHALL BE IN ACCORDANCE W/ LATEST EDITION OF INTERNATIONAL BUILDING CODE, NATIONAL ELECTRICAL CODE, NFPÁ, CODES AS ADOPTED BY CITY, COUNTY, ANELBOARDS A. BRANCH CIRCUIT 208/240V PANELS SHALL BE CAPACITY SHOWN W/ TIN PLATED STATE & ALL OTHER APPLICABLE CODES. B. ALL MATERIALS & EQUIPMENT SHALL BE NEW & SHALL BEAR U.L. LABEL WHERE COPPER BUSSING & BRACED FOR MINIMUM OF 10,000A AIC OR AS OTHERWISE NOTED APPLICABLE. PROVIDE WATERPROOF EQUIPMENT ENCLOSURES WHERE REQUIRED. OR REQUIRED (SERIES RATED ACCEPTABLE). BOLT ON CIRCUIT BREAKERS. 480V C. OBTAIN & PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THIS WORK & SHALL PANELS SAME EXCEPT 14,000A AIC MIN. MINIMUM 20" WIDE W/ GALV STEEL MAKE ARRANGEMENTS FOR MODIFICATIONS TO ELECTRICAL CONNECTIONS TO BUILDING ENCLOSURE W/ HINGED DOOR & KEYED LOCK. COORD TRIM WITH MOUNTING AS REQUIRED. LOCATION. PANELS TO BE RECESSED WHENEVER POSSIBLE. D. CONTRACTOR SHALL PROVIDE ALL LABOR & MATERIALS REQUIRED TO HAVE COMPLETE B. EQUIVALENT BY SQUARE D, SIEMENS, CUTLER HAMMER, OR GE. FUNCTIONING ELECTRICAL LIGHTING & POWER SYSTEMS TOGETHER W/ ALL ASSOCIATED EQUIPMENT & APPARATUS AS SHOWN ON PLANS. E. WHERE AN ELECTRICAL DEVICE IS REQUIRED BY CODE BUT NOT SHOWN, IT SHALL BE <u>Section 263500 – Electrical Identification</u> A. Manufactured labels for each panelboard & Transformer. Typewritten panel PROVIDED AS THOUGH FULLY SHOWN & SPECIFIED. F. CONTRACTOR SHALL VISIT SITE & OBSERVE CONDITIONS UNDER WHICH WORK WILL BE SCHEDULES MOUNTED IN PANELS DONE. ANY DISCREPANCIES SHALL BE CALLED TO ARCHITECT'S ATTENTION. NO B. PRINTED TAPE STYLE LABEL FOR EACH RECEPTACLE INDICATING PANEL & CIRCUIT #. SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION FOR ANY ERROR OR C. MANUFACTURED LABELS FOR ALL DISCONNECT SWITCHES INDICATING EQUIPMENT NEGLIGENCE ON CONTRACTOR'S PART. SFRVFD. G. FINAL ACCEPTANCE OF WORK SHALL BE SUBJECT TO CONDITION THAT ALL SYSTEMS, D. BRANCH CIRCUITS - IDENTIFY EACH CIRCUIT W/ WIRE MARKERS WHEN ENCLOSURE EQUIPMENT, APPARATUS & APPLIANCES OPERATE SATISFACTORILY AS DESIGNED & LABEL AND WIRE COLORS DO NOT PROVIDE ENOUGH INFORMATION TO IDENTIFY EACH INTENDED. WORK SHALL INCLUDE REQUIRED ADJUSTMENT OF SYSTEMS & CONTROL CIRCUIT WITHOUT TRACING. FEEDERS & BRANCH CIRCUIT HOME RUNS W/ WIRE EQUIPMENT INSTALLED UNDER THESE SPECIFICATIONS. MARKER W/ PANEL & CKT #. BOX COVERS ABOVE LAY-IN CEILINGS NEATLY MARKED H. WARRANT TO OWNER QUALITY OF MATERIALS, EQUIPMENT, WORKMANSHIP & OPERATION W/ INDELIBLE MARKER. OF EQUIPMENT PROVIDED UNDER THESE SPECIFICATIONS FOR ONE YEAR FROM & AFTER COMPLETION OF BUILDING & ACCEPTANCE OF MECHANICAL SYSTEMS BY OWNER. <u> SECTION 264000 – WIRING DEVICES</u> I. ALL MATERIALS INSTALLED IN PLENUMS SHALL BE NONCOMBUSTIBLE OR HAVE A. CONVENIENCE OUTLETS - SPEC GRADE 20 AMP DUPLEX W/ GROUND & SS WALL FLAME/SMOKE INDEX OF NO MORE THAN 25/50 IN ACCORDANCE W/ ASTM E 84. PLATES. OTHER OUTLETS SHALL BE VERIFIED W/ EQUIPMENT SUPPLIERS FOR PROPER NEMA CONFIGURATIONS. PROVIDE GFCI RATED DEVICES WHERE INDICATED <u>SECTION 261000 – CONDUIT & CONDUCTORS</u> AND AS REQ'D PER CODE. A. FOLLOW CIRCUITING SHOWN ON PLANS. USE NO CONDUIT SMALLER THAN 1/2" & NO B. LIGHT SWITCHES - SPEC GRADE 20 AMP TOGGLE SWITCHES W/ SS WALL PLATES. CONDUCTORS SMALLER THAN #12 GA. UNLESS NOTED OTHERWISE. C. COLOR OF DEVICES AS DIRECTED BY ARCHITECT. B. WIRE SHALL BE IN NON-FLEXIBLE METALLIC CONDUIT (EMT, IMC OR RMC) FOR ALL D. EQUIVALENT DEVICES BY LEVITON, BRYANT, HUBBEL, WATTSTOPPER, LITHONIA, SENSOR CIRCUITS AND FEEDERS GREATER THAN 30A, LIGHT SWITCH RISERS, KITCHEN CIRCUITS SWITCH. & HOME RUNS. C. MC CABLE ACCEPTABLE FOR BRANCH CONVENIENCE CIRCUITS AND LIGHTING CIRCUITS. XECUTION DO NOT DAISY CHAIN LIGHT FIXTURES. A. ALL OUTLETS, SHALL BE MOUNTED W/ BOTTOM AT 18" AFF & SWITCHES W/ BOTTOM D. CONDUIT INSTALLED BELOW GRADE SHALL BE SCHEDULE 80 PVC HEAVY WALL PLASTIC AT 44" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE ON PLANS. REFER TO CONDUIT MEETING NEMA STANDARDS & UL LISTED FOR UNDERGROUND & EXPOSED ARCH FOR OTHER REQUIRED ELEVATIONS AND CABINETRY COORDINATION. USE. PROVIDE GRS RADIUS BENDS & RISERS AS CONDUITS RISE ABOVE GRADE OR ABOVE FLOOR SLAB. E. PROVIDE INTERLOCKING SPACERS FOR MULTIPLE RUNS OF UG CONDUITS IN SAME <u>SECTION 265000 – LUMINAIRES, LAMPS & BALLASTS</u> UMINAIRES TRFNCH. A. PROVIDE LIGHTING FIXTURES W/ LAMPS & ACCESSORIES REQ'D FOR HANGING. COORD F. LIGHTING & RECEPTACLE CIRCUIT CONDUCTORS SHALL BE COPPER THWN/THHN 600 VOLT, 75 DEG C, COLOR CODED AS DESCRIBED UNDER APPLICABLE CODES. NO MOUNTING OF LIGHTING FIXTURES W/ ARCHITECT & G/C. ADDITIONAL FIXTURE SUPPORTS SHALL BE PROVIDED BY E/C. SUPPORTS SHALL COMPLY W/ LATEST ROMEX, PLASTIC FLEX TUBING ETC PERMITTED. LIGHT FIXTURE WIRE INSULATION EDITION OF NEC. PROVIDE LIGHTING FIXTURE SECURING CLIPS AS REQUIRED. SHALL HAVE TEMP RATING NOT LESS THAN INDIVIDUAL FIXTURE MANUF RECOMMENDED RATING CONSULT ARCH PLANS FOR CEILING TYPES & PROVIDE SURFACE & RECESSED G. CIRCUITS W/ NO. 8 OR LARGER CONDUCTORS, MOTOR CIRCUITS, POWER & FEEDER LIGHTING FIXTURES W/ APPROPRIATE MOUNTING COMPONENTS & ACCESSORIES. B. REFER TO LIGHTING FIXTURE SCHEDULE PLANS FOR FIXTURE TYPES. CIRCUITS & BUILDING SERVICE FEEDERS SHALL BE COPPER THWN/THHN 600 VOLT, 75 DEG C H. PIPE SLEEVES, HANGERS & SUPPORTS SHALL BE FURNISHED & SET & CONTRACTOR EXITRONICS, LITEALARM, EXIDE. SHALL BE RESPONSIBLE FOR PROPER & PERMANENT LOCATIONS. A. REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE TYPES. <u>SECTION 262000 – GROUNDING</u> A. SUPPLEMENT GROUNDED NEUTRAL OF SECONDARY DISTRIBUTION SYSTEM W/ B. EQUIVALENT LAMPS AND MODULES BY PHILLIPS, GE, OSRAM/SYVANIA, CREE. EQUIPMENT GROUNDING SYSTEM, INSTALLED SO THAT METALLIC STRUCTURES, ENCLOSURES, RACEWAYS, JUNCTION BOXES, OUTLET BOXES, CABINETS, MACHINE UL 8750, ANSI/NEMA STANDARDS C78.377, IESNA STANDARDS. FRAMES, PORTABLE EQUIPMENT & OTHER CONDUCTIVE ITEMS OPERATE CONTINUOUSLY AT GROUND POTENTIAL & PROVIDE LOW IMPEDANCE PATH FOR GROUND FAULT SPECIFIED. CURRENTS. B. SYSTEM SHALL COMPLY W/ NATIONAL ELECTRICAL CODE, DRAWINGS & AS SPECIFIED. C. PROVIDE EQUIPMENT GROUND BUS IN BASE OF LOW VOLTAGE, SWITCHGEAR BRAZED OR OTHERWISE ADEQUATELY CONNECTED BY AN APPROVED METHOD TO GROUND RODS. D. PROVIDE IN CONDUIT GREEN INSULATED COPPER GROUND CONDUCTOR TO MAIN METALLIC WATER SERVICE ENTRANCE & CONNECT BY MEANS OF ADEQUATE GROUND CLAMPS. E. EQUIPMENT GROUNDING CONDUCTORS FOR BRANCH CIRCUIT HOME RUNS SHOWN ON DRAWINGS SHALL INDICATE AN INDIVIDUAL & SEPARATE GROUND CONDUCTOR FOR THAT BRANCH CIRCUIT WHICH SHALL BE TERMINATED AT BRANCH CIRCUIT PANELBOARD, SWITCHBOARD, OR OTHER DISTRIBUTION EQUIPMENT. F. PROVIDE LOW VOLTAGE DISTRIBUTION SYSTEM W/ SEPARATE GREEN INSULATED EQUIPMENT GROUNDING CONDUCTOR FOR EACH SINGLE OR THREE-PHASE FEEDER. SINGLE PHASE 120 VOLT BRANCH CIRCUITS FOR LIGHTING & POWER SHALL CONSIST OF PHASE & NEUTRAL CONDUCTORS & GREEN GROUND CONDUCTOR INSTALLED IN COMMON CONDUIT WHICH SHALL SERVE AS GROUNDING CONDUCTOR. G. GROUNDING CONDUCTORS SHALL BE AS SHOWN ON PLANS OR IF NOT SPECIFICALLY SHOWN SHALL BE NO SMALLER THAN THAT REQUIRED BY NEC.

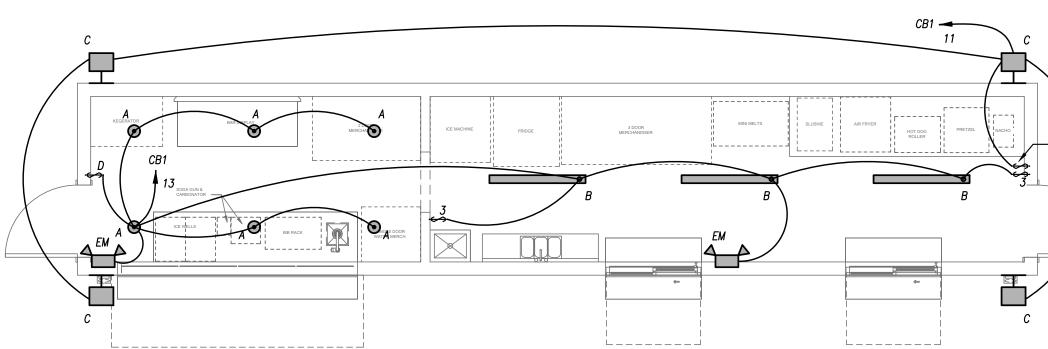
<u>SECTION 263000 – ELECTRICAL EQUIPMENT</u> A. JUNCTION BOXES & OUTLET BOXES SHALL BE GALVANIZED KNOCKOUT TYPE. LIGHTING FIXTURE BOXES IN CEILINGS SHALL NOT BE LESS THAN 4" OCTAGON KNOCKOUT TYPE. OUTLETS SHALL BE INSTALLED IN LOCATIONS SHOWN ON DRAWINGS

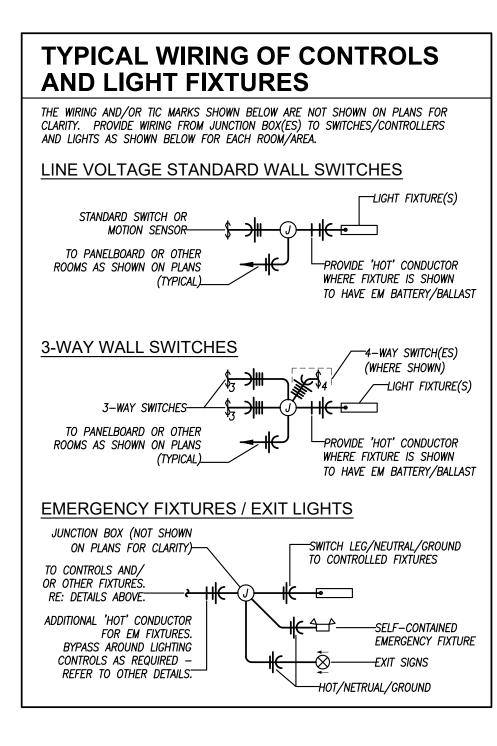
- C. EQUIVALENT LUMINAIRES BY HUBBELL, INFINITY, LITHONIA, WILLIAMS, COLUMBIA,
- C. LED FIXTURES PROVIDE NECESSARY LAMP, DRIVER AND FIXTURE COMPLIANT WITH D. LED DRIVERS SHALL BE INTEGRAL TO THE FIXTURE UNLESS OTHERWISE SHOWN OR











### **GENERAL LIGHTING NOTES**

- 1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.
- 2. LIGHT FIXTURES INDICATED AS EMERGENCY FIXTURES ARE TO FUNCTION AS NIGHT LIGHTS UNLESS SPECIFICALLY SHOWN SWITCHED.
- 3. ALL CIRCUITING SHOWN ON THIS PLAN IS DIAGRAMMATIC.
- 3.1. ALL FIXTURES SHALL BE FED FROM JUNCTION BOXES WITH LIGHT FIXTURE WHIPS (<6'). DAISY-CHAINING OF FIXTURES IS NOT ALLOWED. 3.2. SWITCH BOX LOCATIONS SHALL BE WIRED SO THAT A NEUTRAL WIRE IS
- AVAILABLE AT THE SWITCH BOX LOCATION, EITHER IN THE BOX OR AVAILABLE TO BE ADDED VIA RACEWAY OR AN ACCESSIBLE WALL CAVITY.
- 3.3. WALL SWITCHES FOR SEPARATE LOAD TYPES (EM/NORMAL, 120/277V, ETC.) SHALL NOT BE IN A SINGLE BOX.
- 3.4. REFER TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

#### LIGHTING PLAN KEYED NOTES

(1) OVERIDE SWITCH FOR EXTERIOR LIGHTS. LIGHTS ARE PHOTOCELL CONTROLLED WITH TOGGLE SWITCH OVERRIDE FOR NIGHT USE

#### **GENERAL POWER NOTES**

- 1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.
- 2. COORDINATE EXACT NEMA CONFIGURATIONS OF RECEPTACLES SERVING EQUIPMENT WITH EXACT EQUIPMENT BEING FURNISHED.
- 3. REFER TO THE SPECIFICATIONS FOR ADDITIONAL LOCATIONS/REQUIREMENTS FOR RECEPTACLES, INCLUDING GFCI, WEATHER-RESISTANT, HOSPITAL-GRADE, AND TAMPER-RESISTANT RECEPTACLES.
- 4. EXACT MECHANICAL EQUIPMENT LOCATIONS MAY NOT BE SHOWN FOR CLARITY. COORDINATE EXACT LOCATIONS OF ALL MECHANICAL EQUIPMENT, DUCT DETECTORS, ETC. WITH MECHANICAL DRAWINGS AND CONTRACTOR.
- 5. COORDINATE EXACT LOCATIONS OF SMOKE DETECTORS WITH CEILING FANS, HVAC DIFFUSERS, SPRINKLER HEADS, ETC. PER NFPA REQUIREMENTS. 6. COORDINATE LOCATIONS OF ALL RECEPTACLES SERVING CONCESSIONS/BAR
- EQUIPMENT WITH EQUIPMENT.
- 7. ALL RECEPTACLES SHALL BE GFI PROTECTED EITHER AT DEVICE OR AT CIRCUIT BREAKER. PROTECTION AT BREAKER IS PREFERRED.

### **POWER PLAN KEYED NOTES**

- 100A/3P DISCONNECT. MAKE FINAL CONNECTIONS TO WATER HEATER.  $\overline{\mathbf{z}}$
- 2 COORDINATE LOCATION AND NEMA CONFIGURATION OF RECEPTACLE WITH <sup>-</sup> PTAC.
- 3 SPECIAL PURPOSE GROUND FAULT CIRCUIT INTERRUPTER FOR 30A/2P 208V CIRCUIT. LITTELFUSE SHOCK BLOCK GFCI OR EQUAL.

### PARAGON -CONTAINER BAR

#### 1401 NW River Rd. Lee's Summit, MO 64081

Project No.:	19050.09					
Date:	11/06/2024					
Issued For:	PERMIT					
	REVISIONS					
No. Date	Description					
1 11.14.2	4 ADDENDUM #1					

REGISTRATION



PROJE	CT TEAM
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE
CIVIL	GBA
LANDSCAPE	N/A
FOUNDATIONS	N/A
STRUCTURAL	N/A
PLUMBING	PKMR
MECHANICAL	PKMR
ELECTRICAL	PKMR
FIRE PROTECTION	N/A
CONTRACTOR	AT&S





SHEET NUMBER

E1.01

PANEL DESIGNATION: C1B							ŧ		ain lug 1ain bri		¥	<u>∕₁∖</u> s	CCR RATING (AIC): 10,000
MOUNTING: SURFACE LOCATION: EXTERIOR							VO	OLTAGE: 208/120 SE/WIRE: 30, 4W					
DESCRIPTION		PHASE		С	/B		5	C	/B		PHASE		DESCRIPTION
DESCRIPTION	А	В	С	TRIP	POLE			POLE	TRIP	А	В	С	DESCRIPTION
REC: KEGERATOR	325			20	1	1	2	1	20	1128			REC: ICE MACHINE
REC: BAR DISPLAY		360		20	1	3	4	1	20		350		REC: REFRIGERATOR
REC: 2 DOOR MERCHANDISER			690	20	1	5	6	1	20			824	REC: 3 DOOR MERCHANDISER
REC: SINGLE DOOR MERCH.	624			20	1	7	8	2	30	2850			AIR FRYEF
REC: BIB RACK		500		20	1	9	10	2	50		2850		AIR FRIER
LTS: EXTERIOR			104	20	1	11	12	1	20			910	REC: HOT DOG ROLLER
LTS: INTERIOR	202			20	1	13	14	1	20	500			REC: PRETZEL WARMER
REC: GENERAL		540	$\sim$	20	5	15	16	1	20		225		REC: NACHO CHEESE
			8000			17	18	1	20			500	REC: FREEZER
WATER HEATER	8000			80	3	19	20	1	20	1440			REC: SLUSHIE
		8000				21	22	1	20		-		SPARE
PTAC-1			1560	20	1	23	24	1	20			-	SPARE
PTAC-2	1560			20	1	25	26	1	20	-			SPARE
SPACE	$\sim$	$\overline{}$	$\sim$		$ \rightarrow $	27	28	1	20		-		SPARE
SPACE			-	-	1	29	30	1	20			-	SPARE
TOTALS	10711	9400	10354							5918	3425	2234	TOTALS

	PANELBOARD SIZING LOAD								
LOAD	DESCRIPTION	CONNECTED	DEMAND	CODE MIN. (VA)					
LIGH	ſS	306	1.25	382					
RECE	PTACLES	7,281	10KVA + 50% REST	7,281					
MOTO	DRS	0	1.25 x LARGEST + SUM OF REST	0					
AIR C	ONDITIONING	3,120	1.00	3,120					
SPAC	E HEATING	0	0.00	0					
HEAT	PUMP	0	1.00	0					
CONT	TINUOUS	0	1.25	0					
KITCH	HEN EQUIPMENT	31,335	0.70	21,935					
NON-	CONTINUOUS	0	1.00	0					
			SIZING LOAD:	32,718					
			SIZING LOAD (AMPS):	91					

CONNECTED PHASE LOADS							
PHASE	VA	AMPS					
A	16,629	138.5					
В	12,825	106.8					
С	12,588	104.8					
TOTALS	42,042	116.7					

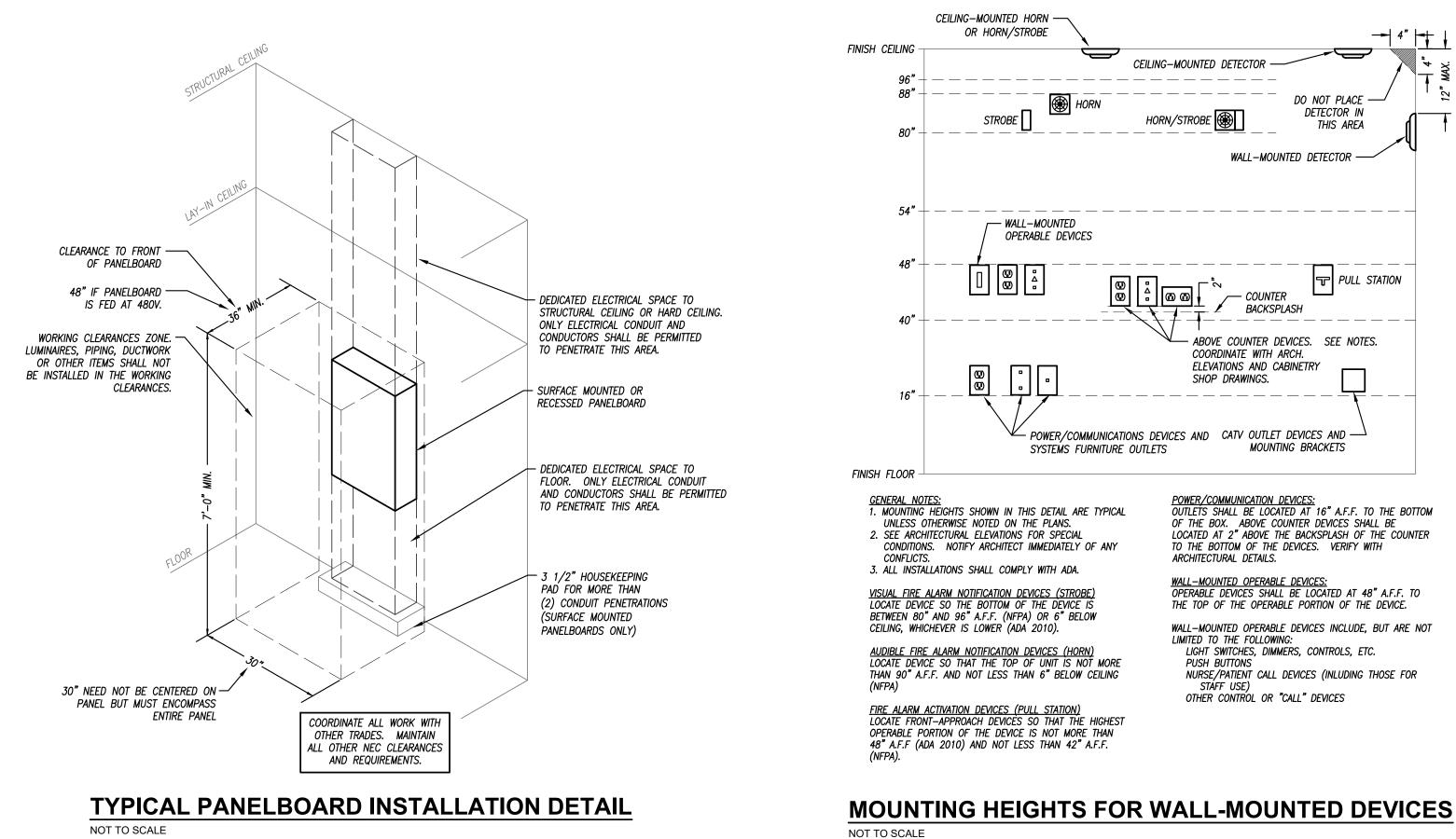
#### <u>REMARKS:</u>

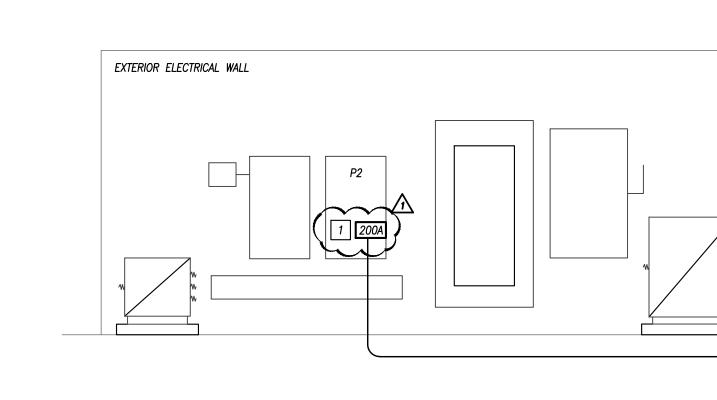
1. EATON POW-R-LINE 1X OR EQUAL. 2. NEMA 3R ENCLOSURE WITH LOCKABLE DOOR.

3. VERIFY AIC RATING WITH EXISTING EQUIP.

#### PANELBOARD BREAKER KEYED NOTES

G FURNISH GFCI-PROTECTED BREAKER.





#### **ELECTRICAL RISER DIAGRAM** NOT TO SCALE

### **RISER DIAGRAM KEYED NOTES**

PROVIDE NEW 200A/3P BREAKER IN EXISTING PANELBOARD. CONFIRM CAPABILITY OF EXISTING PANELBOARD AND MAKE NECESSARY ACCOMMODATIONS TO SERVE NEW PANELBOARD CB1. 2 #2 AWG GROUNDING ELECTRODE CONDUCTOR IN 3/4" CONDUIT. ······

EQUIP	EQUIPMENT FEEDER SCHEDULE								
FEEDER NO.	EQUIPMENT	LOAD	FEEDER					С	
		(AMPS)	SETS	# OF WIRES	SIZE	GROUND	MATERIAL	Ь	
F1	PANELBOARD C1B	90.8	1	4	250 MCM	#4	ALUMINUM	2	
								$\sim$	

#### LIGHT FIXTURE SCHEDULE FIXTURE TYPE CATALOG NUMBER MANUFACTURER DESCRIPTION 6" SURFACE MOUNTED CAN LIGHT. MOUNTS TO STANDARD JUNCTION BOX. HALO SMD6 SLF SERIES 4'-0" LONG x 5-7/8" WIDE x 5-1/16" HIGH LENSED SURFACE-MOUNTED FIXTURE. WILLIAMS STEEL HOUSING WITH ROUNDED FROSTED, HIGH IMPACT ACRYLIC LENS. WHITE POWDER COAT FINISH. LOW-PROFILE EXTERIOR WALL-MOUNTED FIXTURE. ONE-PIECE, DIE-CAST ALUMINUM LUMARK CROSSTOUR HOUSING. IMPACT-RESISTANT, TEMPERED GLASS LENS. FORWARD THROW OPTICS. XTOR SERIES POWDER COAT FINISH DARK BRONZE - COORDINATE WITH ARCHITECT/BUILDING OWNER. UL LISTED WET LOCATION. FURNISH WITH OPTIONAL PHOTOCELL FOR ON/OFF CONTROL OF LIGHT FIXTURE. EV SERIES LOW-PROFILE EMERGENCY LIGHTING UNIT. FLAME-RATED, UV-STABLE THERMOPLASTIC EM DUAL-LITE HOUSING. TWO (2) SEMI-RECESSED, ADJUSTABLE "EYEBALL" HEADS WITH GLASS LENS. WHITE FINISH. MAINTENANCE-FREE BATTERY FOR 90 MINUTE OPERATION OF LAMPS. INTEGRAL TEST SWITCH AND AC-ON INDICATOR. REMARKS:

1. FURNISH WITH AND INSTALL ALL NECESSARY HARDWARE AND MOUNTING BRACKETS.

GENERAL NOTES (APPLICABLE TO ALL FIXTURES):

1) EQUALS ARE ACCEPTABLE ON ALL LIGHT FIXTURES UNLESS SPECIFICALLY NOTED OTHERWISE. REFER TO SPECIFICATIONS FOR APPROVED EQUAL FIXTURE MANUFACTURERS. 2) ALL DRIVERS ARE INTEGRAL TO FIXTURE UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS FOR ADDITIONAL FIXTURE/DRIVER/BALLAST REQUIREMENTS.

- 3) ALL FIXTURES WITH PAINTED METAL PARTS SHALL BE PAINTED AFTER FABRICATION.
- 4) LUMENS LISTED FOR LED FIXTURES ARE GENERALLY DELIVERED LUMENS UNLESS NOTED OTHERWISE.

5) ALL EXTERIOR LED FIXTURES ARE FULL CUTOFF UNLESS NOTED OTHERWISE. 6) ALL FIXTURES IN FOOD PREPARATION OR SERVING AREAS SHALL BE FURNISHED WITH SHATTER-RESISTANT LAMPS UNLESS LENSED.



#### 1401 NW River Rd. Lee's Summit, MO 64081

19050.09		
11/06/2024		
PERMIT		
REVISIONS		
Description		
4 ADDENDUM #1		





PROJE	CT TEAM			
ARCHITECT	FINKLE+WILLIAMS ARCHITECTURE			
CIVIL	GBA			
LANDSCAPE	N/A			
FOUNDATIONS	N/A			
STRUCTURAL	N/A			
PLUMBING	PKMR			
MECHANICAL	PKMR			
ELECTRICAL	PKMR			
FIRE PROTECTION	N/A			
CONTRACTOR	AT&S			

