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
- 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
- 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.
- 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.

PROJECT TEAM

MECHANICAL CONTRACTOR **ARCHITECT** FINKLE + WILLIAMS ARCHITECTURE PKMR TBD 8787 Renner Blvd., Suite 100 13300 W. 98th St. TBD Lenexa, Kansas 66219 Lenexa, KS 66215

PH. 913.498.1550 CIVIL NOT USED NOTE USED

STRUCTURAL

11320 W 79th St

Lenexa KS 66214

PH. 913.492.7400

PH. 913.492.2400 LANDSCAPE NOT USED PLUMBING 13300 W. 98th St.

PH. 913.492.2400 **ELECTRICAL** 13300 W. 98th St. Lenexa, KS 66215

Lenexa, KS 66215

PKMR

FOUNDATIONS NOT USED **FIRE PROTECTION**

NOT USED

PH. 913.492.2400

ME0.01 COVER SHEET

DRAWING INDEX

ARCHITECTURAL

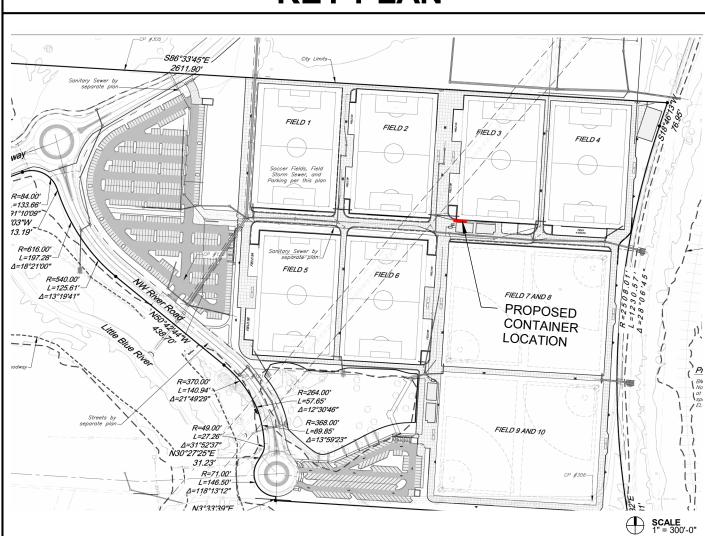
A0.00 COVER SHEET A0.10 SITE PLAN

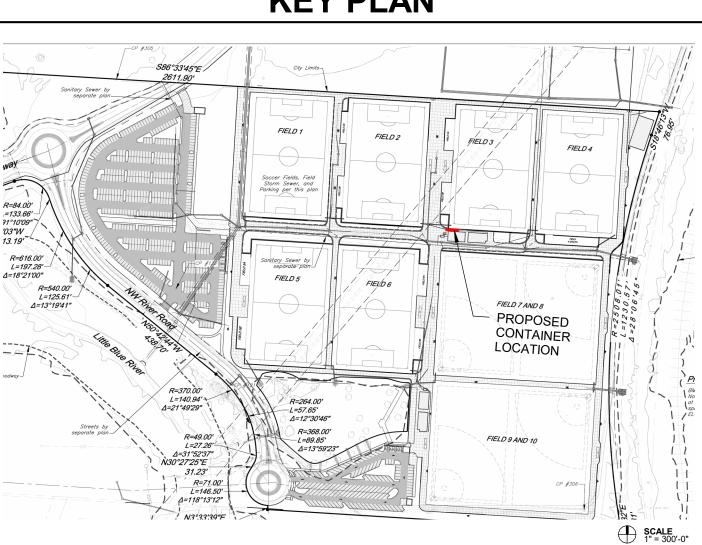
A1.01 FLOOR/RCP PLANS & ELEVATIONS A2.01 EQUIPMENT PLAN & DETAILS

M1.01 MECHANICAL PLAN

M2.01 MECHANICAL DETAILS E1.01 ELECTRICAL PLAN E2.01 ELECTRICAL SCHEDULES/DETAILS

KEY PLAN





THIS DISCLAMER SERVES NOTICE OF ACCEPTANCE OF RESPONSIBILITY AND DISCLAIMER OF RESPONSIBILITY AS TO THE CONTRACT DOCUMENTS PREPARED FOR

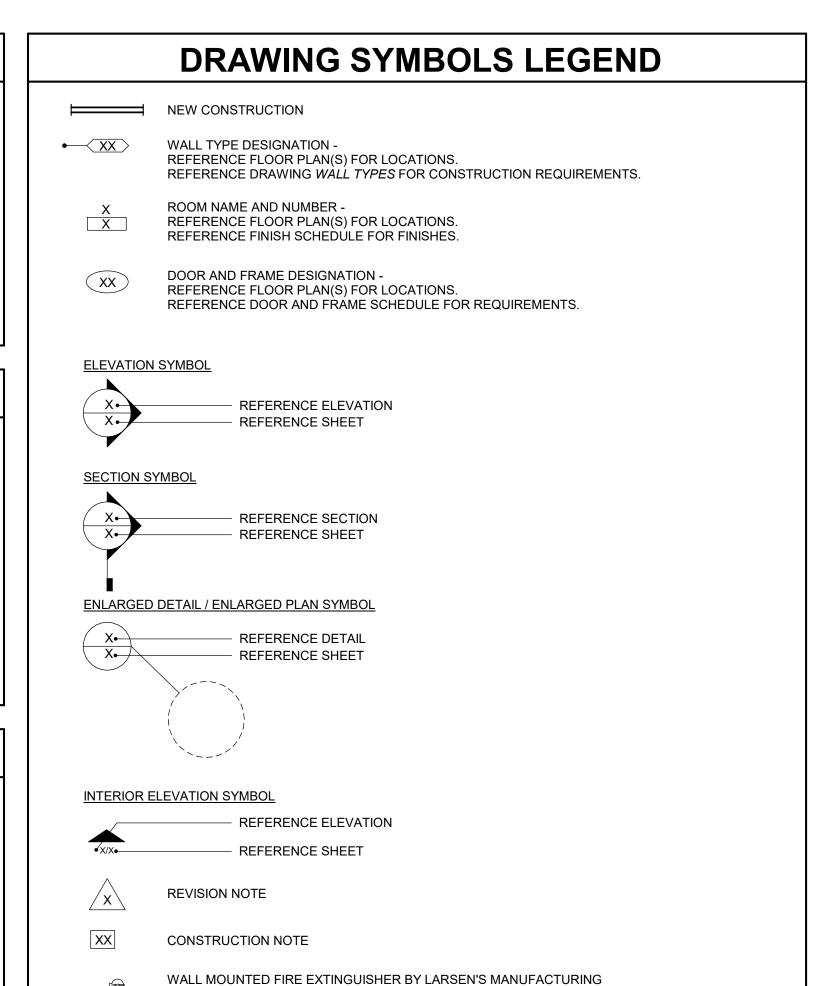
THE UNDERSIGNED ARCHITECT, AND FINKLE + WILLIAMS, INC., ARE RESPONSIBLE FOR PREPARATION OF ONLY THE NOTED CONSTRUCTION DRAWINGS BELOW:

<u>TITLE</u> <u>DATE</u> **COVER SHEET** 11/13/2024 11/13/2024 A0.10 SITE PLAN FLOOR/RCP PLANS & ELEVATIONS 11/13/2024 **EQUIPMENT PLAN & DETAILS** 11/13/2024

THE UNDERSIGNED ARCHITECT AND FINKLE + WILLIAMS DISCLAIM RESPONSIBILITY FOR ALL OTHER CONSTRUCTION DOCUMENTS, AND ANY OTHER SPECIFICATIONS, REPORTS, ESTIMATES, SHOP DRAWINGS, ETC. RELATING TO OR INTENDED TO BE USED FOR ANY PART OF THE ARCHITECTURAL OR ENGINEERING PROJECT, INCLUDING ANY

THIS NOTICE IS EXECUTED BY THE UNDERSIGNED AND AUTHENTICATED BY THE ARCHITECTURAL SEAL OF THE PERSON PREPARING THS NOTICE.





COMPANY, WWW.LARSENMFG.COM, MODEL MP10 W/B2 MOUNTING

CENTERLINE OF EXTINGUISHER IS 46" A.F.F.

BRACKET, REFERENCE FLOOR PLAN(S) FOR LOCATIONS. MOUNT SO

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 (N	IFPA) LIFE SAFETY CODE 101 2018 EDITION
DEPT. OF JUSTICE ADA STANDARDS FOR ACC	ESSIBLE DESIGN 2010 EDITION
I	

GENERAL BUILDING LIMITATIONS (CHAPTER 3, 5)

OCCUPANCY CLASSIFICATION: Group (B) TYPE V-B 9,000 S.F. CONSTRUCTION TYPE: BASIC ALLOWABLE FLOOR AREA: PROPOSED FLOOR AREA: 320 S.F. BASIC ALLOWABLE HEIGHT: 2 STORIES, 40 FT PROPOSED HEIGHT: <u>9'-6"</u>

NON SPRINKLERED PER TABLE 506.2

OCCUPANT LOAD (1004):

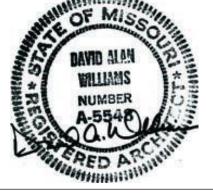
320 S.F. / 100 S.F. PER OCCUPANT = 4 OCCUPANTS

TOTAL BUILDING OCCUPANCY: 4 OCCUPANTS

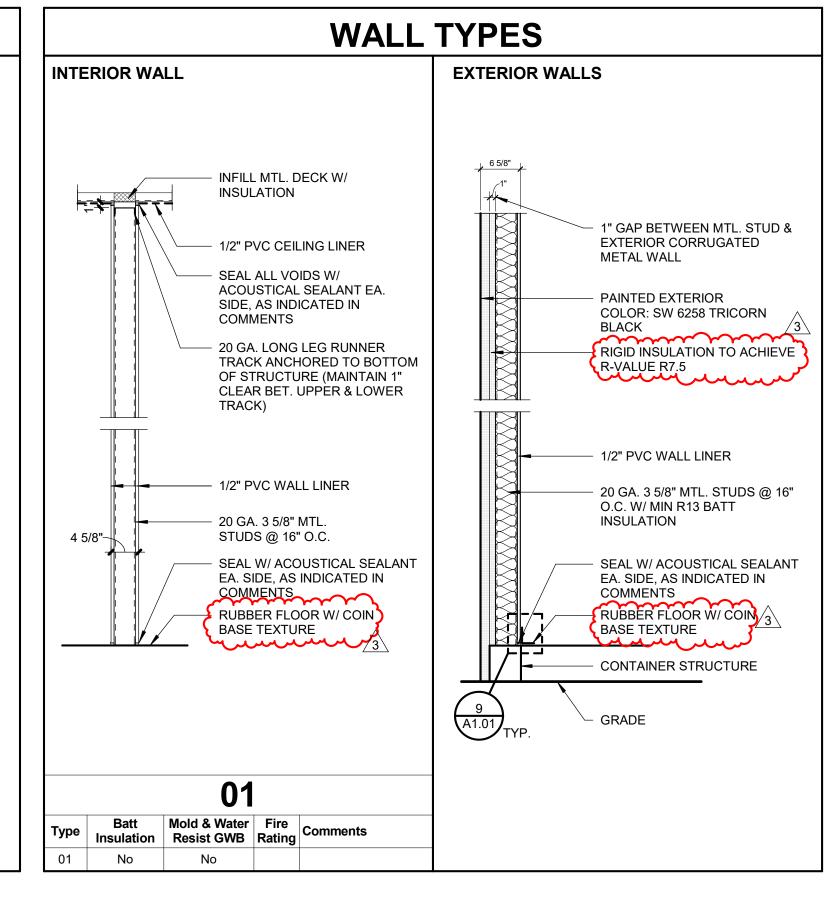
PROFESSIONAL SERVICES DISCLAIMER

19050.09, PARAGON - CONTAINER BAR BY FINKLE + WILLIAMS, INC.

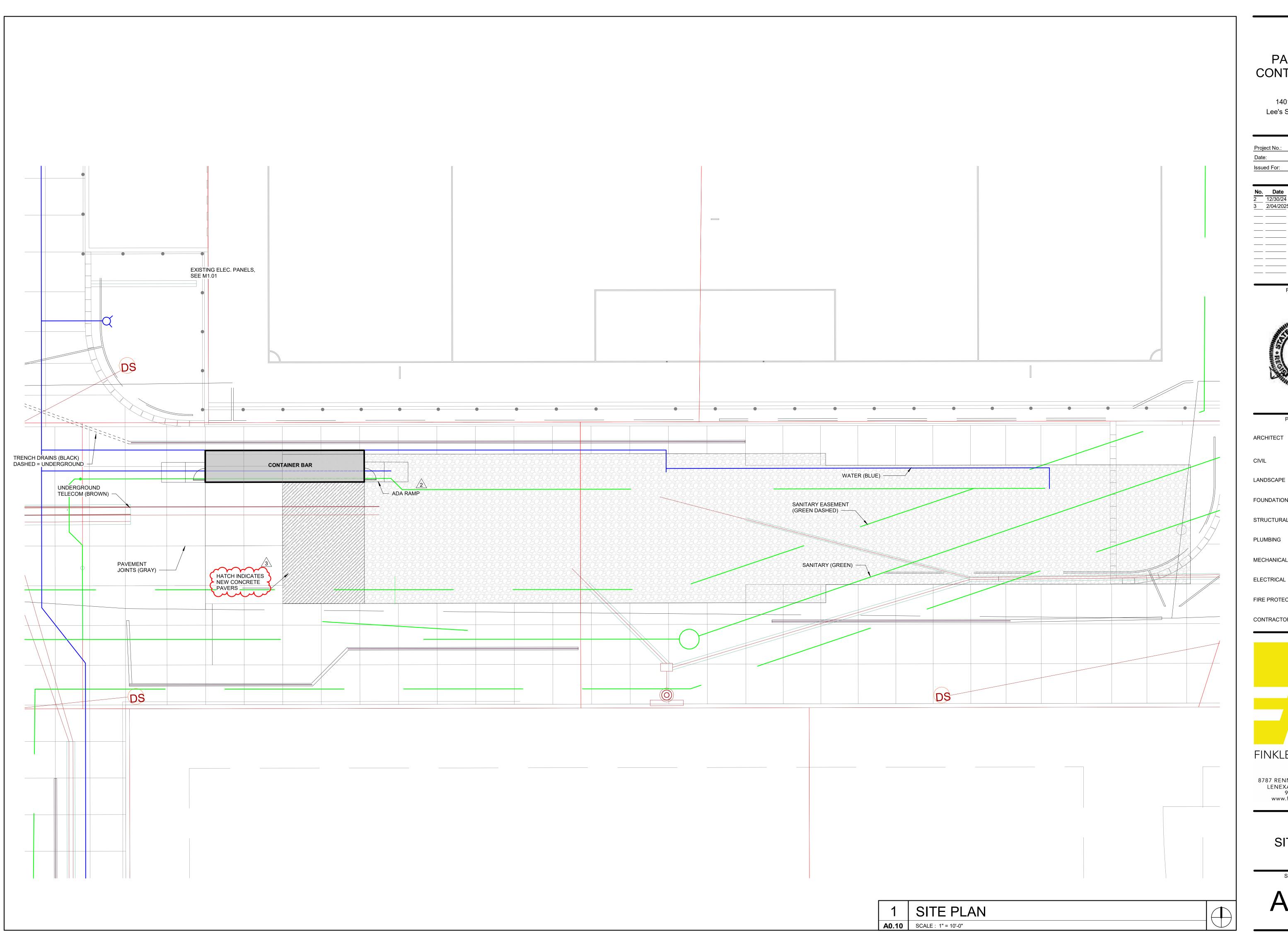
GEOTECHNICAL ENGINEERING SERVICES, OR ENVIRONMENTAL REPORTS.



ARCHITECT: DAVID A. WILLIAMS







PARAGON -**CONTAINER BAR**

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

Project No.: 19050.09 Date: 11/13/2024

Issued For: PERMIT

12/30/24 CITY COMMENTS 3 2/04/2025 ADDENDUM 3

REGISTRATION



PROJECT TEAM

FINKLE+WILLIAMS ARCHITECTURE

LANDSCAPE

FOUNDATIONS N/A

STRUCTURAL N/A

MECHANICAL PKMR

ELECTRICAL PKMR

FIRE PROTECTION N/A

CONTRACTOR AT&S



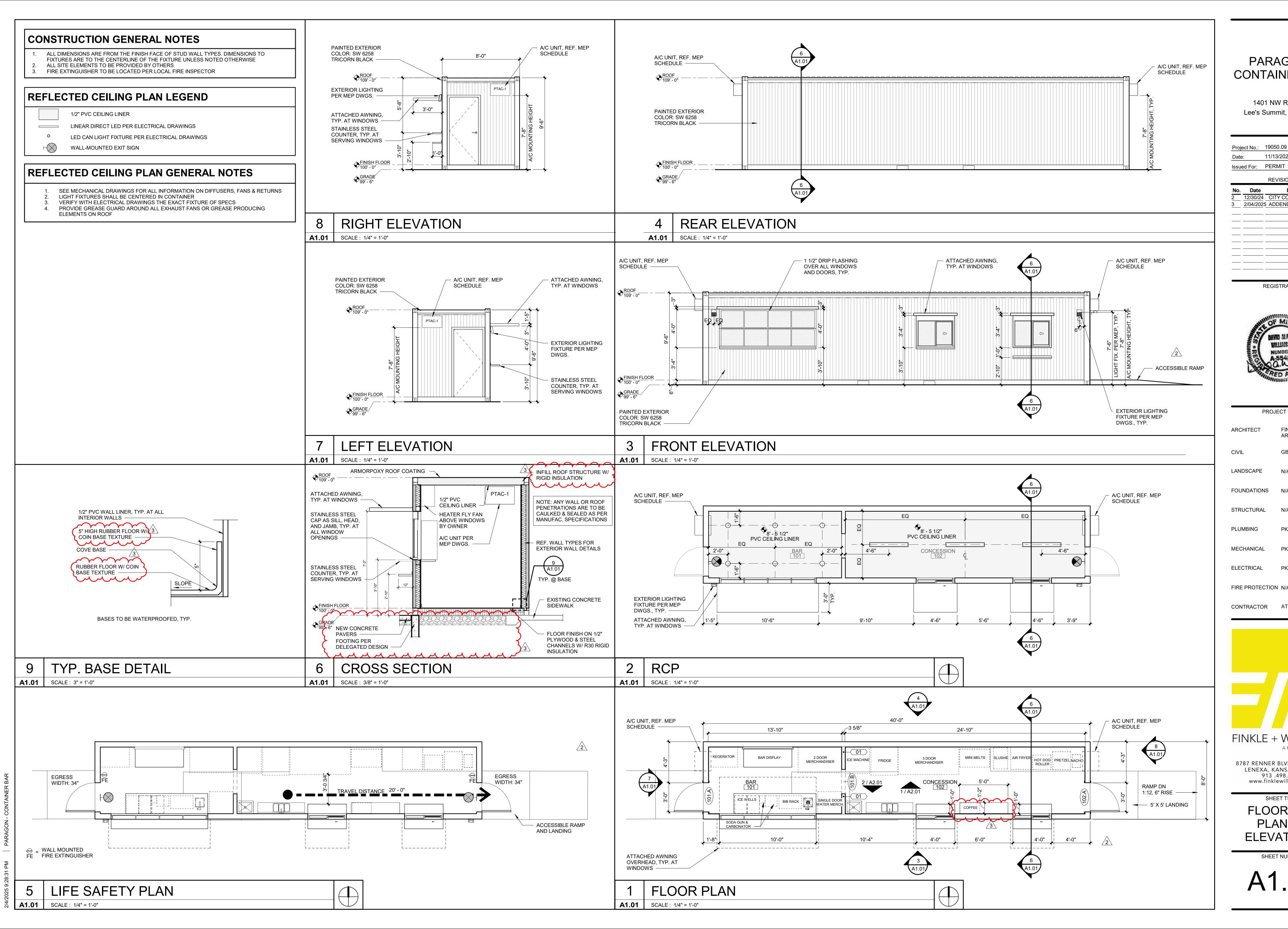
8787 RENNER BLVD., SUITE 100 LENEXA, KANSAS 66219 913 .498.1550

ARCHITECTURE

SHEET TITLE

www.finklewilliams.com

SITE PLAN



PARAGON -**CONTAINER BAR**

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

Project No.: 19050.09 11/13/2024

> REVISIONS Description

12/30/24 CITY COMMENTS 2/04/2025 ADDENDUM 3

REGISTRATION



PROJECT TEAM FINKLE+WILLIAMS

ARCHITECTURE

FOUNDATIONS N/A

STRUCTURAL

PLUMBING

MECHANICAL ELECTRICAL

FIRE PROTECTION N/A

CONTRACTOR AT&S

FINKLE + WILLIAMS ARCHITECTURE

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SHEET TITLE FLOOR/RCP PLANS & **ELEVATIONS**

DOOR AND FRAME SCHEDULE DOOR SIZE NO. W. H. Th. TYPE MAT. TYPE MAT. RATING JAMB HEAD SILL HARDWARE REMARKS A A A (1)(2)(4)101.B 2' - 6" 7' - 0" 1 3/4" 1 HM A A 102.A 3' - 0" 7' - 0" 1 3/4" H1 HM 1 HM EL.1 (1)(2)(4)

DOOR SCHEDULE REMARKS

(1) PROVIDE 16" x 34" KICK PLATE (2) PROVIDE EGRESS PANIC BARS, KEYLESS IN THE DIRECTION OF EGRESS (3) ATTACH CLEAR VINYL STRIP CURTAIN, WIDTH TO MATCH OPENING

(4) PAINT DOOR & FRAME TO MATCH CONTAINER BAR PAINT SW6258 TRICORN BLACK

HARDWARE GENERAL NOTES

- ALL HARDWARE SHALL COMPLY WITH APPLICABLE REQUIREMENTS OF THE AMERICANS WITH DISABILITIES ACT (ADA)
- ALL DOOR HARDWARE SHALL BE FINISH US26D OR EQUIVALENT
- ALL LATCHSETS AND LOCKSETS SHALL BE EQUIPPED WITH LEVER TYPE OPERATING TRIM W/ THE "CLUTCH" FEATURE
- ALL CLOSERS SHALL BE LOCATED ON THE ROOMS SIDES OF DOORS

CONTRACTOR'S HARDWARE CONSULTANT SHALL BE RESPONSIBLE FOR DETERMINING APPROPRIATE HARDWARE FUNCTION AND OPTIONS

CONTRACTOR SHALL COORDINATE FINAL KEYING WITH OWNER

DOOR HEAD DETAIL

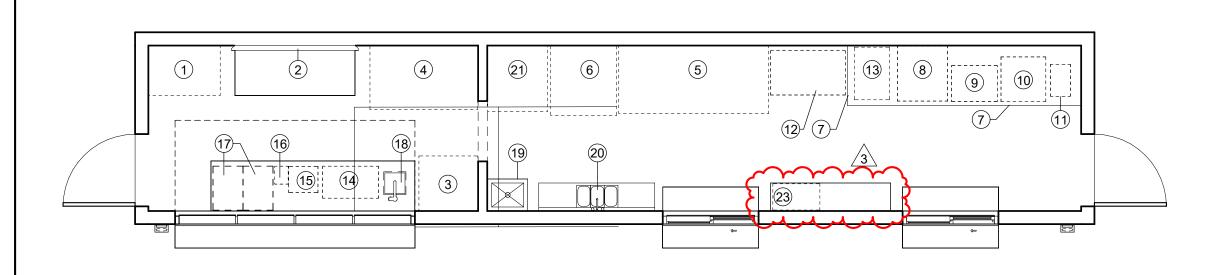
A2.01

SCALE: 3" = 1'-0"

DOOR TYPE	FRAME TYPE	DOOR HARDWARE	
EXT. DOOR TO BE GRADE III EXTRA HEAVY DUTY, MODEL 4 INSUL., MIN. 16 GA. GALV. STL. (FINISH W/ 2 COATS SEMI- GLOSS ACRYLIC LATEX PAINT)	14 GA. GALV. WELDED HOLLOW METAL FRAMES, FINISH TO BE SPRAYED W/ 2 COATS SEMI-GLOSS ACRYLIC LATEX PAINT	(EL) EXTERIOR LOCKSETS SET #EL.1 -HINGES -LOCKSET -CLOSER -THRESHOLD -WEATHERSTRIP -BOTTOM SWEEP -DRIP CAP -LOCK GUARD -SILENCERS -PUSHBAR (INTERIOR)	

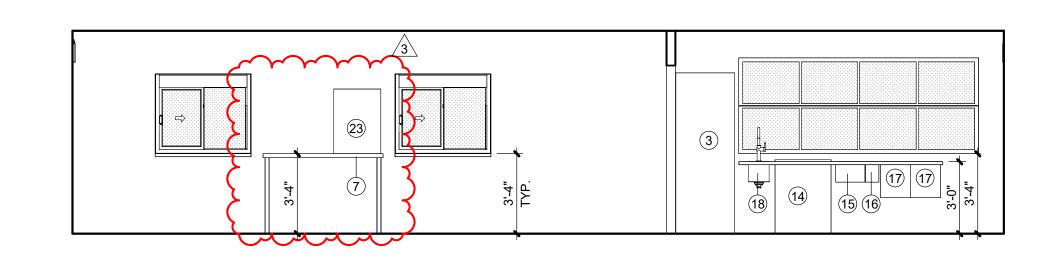
ITEM NO.	CATEGORY	MANUFACTURER	MODEL
1	KEGERATOR	TBD	TBD
2	75" TV	TOSHIBA	C350 SERIES
3	SINGLE DOOR MERCHANDISER	COCA-COLA	IMBERA G319 CO2
4	2 DOOR MERCHANDISER	AVANTCO	GDC-49-HC
5	3 DOOR MERCHANDISER	AVANTCO	GDC-69-HC
6	FRIDGE	LG	LRDCS2603S
7	STAINLESS STEEL TABLE	REGENCY	PER PLAN
8	AIR FRYER	ACP EXPRESSCHEF	4i MXP22TLT
9	HOT DOG ROLLER	AVANTCO	RG1830NS
10	PRETZEL WARMER	CARNIVAL KING	HZW-18D2
11	NACHO CHEESE DISPENSER	CARNIVAL KING	CD225
12	MINI MELTS FREEZER	TBD	TBD
13	SLUSHIE MACHINE	BUNN	58000.0015
14	BIB RACK	MULTIPLEX	28"W x 16"D x 37"H
15	CARBONATOR SHELF	OWNER SPEC.	OWNER SPEC.
16	SODA GUN	OWNER SPEC.	WBM-10620
17	DROP IN ICE WELL	OWNER SPEC.	22"W x 15"D x 14.25"
18	HAND SINK	ADVANCE TABCO	CR-HS-12
19	MOP SINK	ADVANCE TABCO	9-OP-20
20	COMP SINK	ADVANCE TABCO	K7-CS-21
21	ICE MACHINE	AVANTCO	KMC-H-530-A
22	A/C UNITS	FRIEDRICH	UET08B11A
23	COFFEE MAKER	BUNN	07400.0005 VLPF

INTERIOR FINISHES RUBBER FLOOR W/ COIN BASE TEXTURE W/ 5" MIN. COVE BASES 1/2" PVC WALL LINER 1/2" PVC CEILING LINER



EQUIPMENT PLAN

A2.01 SCALE: 1/4" = 1'-0"



SERVICE WALL ELEVATION

A2.01 SCALE: 1/4" = 1'-0"

INTERIOR SIDE

— DOOR UNDERCUT TO BE

5/8" ABOVE CONC. SLAB

- ALUM. THRESHOLD SET IN FULL BED OF MASTIC &

EXPANSION ANCHORED TO FLOOR SLAB

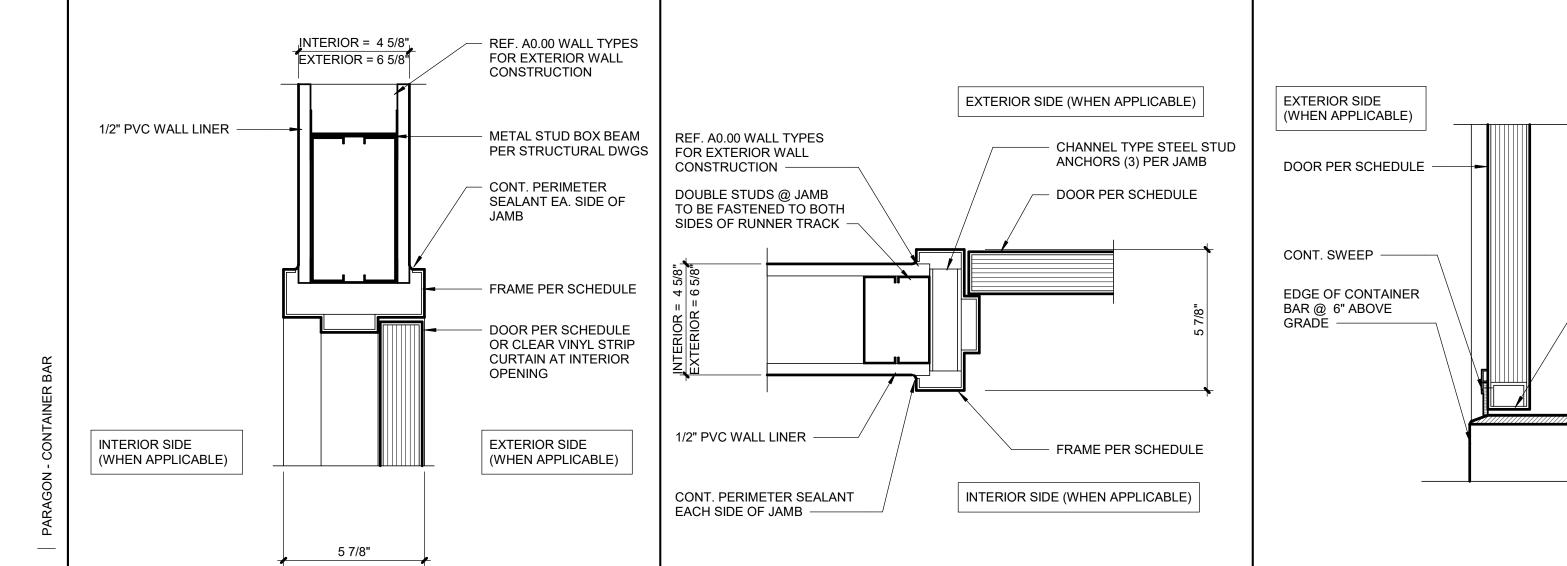
— CONTAINER FLOOR

SILL DETAIL

SCALE: 3" = 1'-0"

A2.01

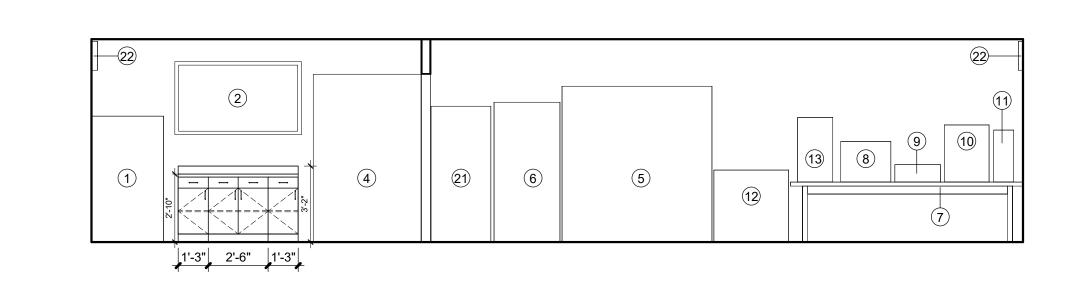
(WHEN APPLICABLE)



SCALE: 3" = 1'-0"

A2.01

DOOR JAMB DETAIL



BACK WALL ELEVATION

A2.01 SCALE: 1/4" = 1'-0"

PARAGON -**CONTAINER BAR**

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

Project No.: 19050.09 11/13/2024 Issued For: PERMIT REVISIONS Description 3 2/04/2025 ADDENDUM 3

REGISTRATION



FINKLE+WILLIAMS ARCHITECTURE

PROJECT TEAM

LANDSCAPE FOUNDATIONS N/A

STRUCTURAL

PLUMBING MECHANICAL

FIRE PROTECTION N/A

ELECTRICAL

CONTRACTOR AT&S

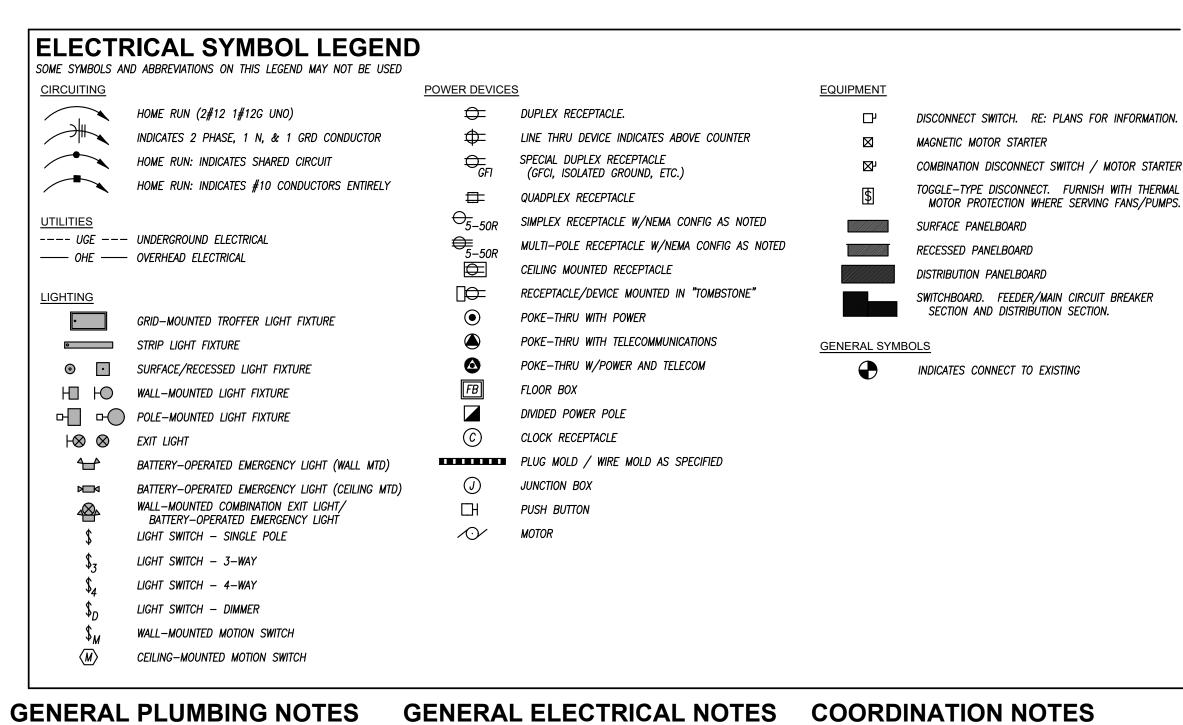


ARCHITECTURE

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SHEET TITLE

EQUIPMENT PLAN & DETAILS



- 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

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
- 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.

ABBREVIATIONS

AHJ AUTHORITY HAVING JURISDICTION

BMS BUILDING MANAGEMENT SYSTEM

COORDINATE MOUNTING HEIGHT

DCVA DOUBLE CHECK VALVE ASSEMBLY

DHWR DOMESTIC HOT WATER RETURN

ELEV ELEVATION

EMERGENCY FIXTURE/DEVICE

EWT ENTERING WATER TEMPERATURE

FFCO FINISHED FLOOR CLEAN OUT

FGCO FLUSH GRADE CLEAN OUT

FIRE PROTECTION

FWCO FLUSH WALL CLEAN OUT

GROUND / GANG

G/C GENERAL CONTRACTOR

GFIP GFI-PROTECTED DEVICE

ISOLATED GROUND

LWT LEAVING WATER TEMPERATURE

M/C MECHANICAL CONTRACTOR

JUNCTION BOX

LED LIGHT EMITTING DIODE

MAU MAKE UP AIR UNIT

MCB MAIN CIRCUIT BREAKER

GPM GALLONS PER MINUTE

HD HOT DECK

MA MIXED AIR

MECH MECHANICAL

HTG HEATING

GFI GROUND FAULT CIRCUIT INTERUPTER SA

EXISTING ITEM

FFA FROM FLOOR ABOVE

FFB FROM FLOOR BELOW

FLOW LINE

FPM FEET PER MINUTE

FLR FLOOR

FP

A/E ARCHITECT / ENGINEER

AFF ABOVE FINISHED FLOOR

AFG ABOVE FINISHED GRADE

AG ABOVE GRADE

ARCH ARCHITECT

BG BELOW GRADE

CONDUIT

CANDELA

COLD DECK

CLEAN OUT

CTE CONNECT TO EXISTING

DCW DOMESTIC COLD WATER

DHW DOMESTIC HOT WATER

E/C ELECTRICAL CONTRACTOR

EDF ELECTRIC DRINKING FOUNTAIN

EXHAUST AIR

DF DRINKING FOUNTAIN

DDC DIRECT DIGITAL CONTROLS

BLDG BUILDING

CLG COOLING

DIA DIAMETER

DOWN

CD

CD

СМ

CO

DN

AHU AIR HANDLING UNIT

BFP BACKFLOW PREVENTER

- 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
 - 5. CONTRACTOR SHALL CONCEAL ALL CONDUIT, FITTINGS, AND DEVICES FROM VIEW WHERE REASONABLY POSSIBLE
 - THROUGHOUT PROJECT. 5.3. ALL EXPOSED WIRING SHALL BE IN EMT OR METALLIC CONDUIT. EXCEPT AS PERMITTED BY SPECIFICATIONS FOR WHIPS TO

5.2. REFER TO SPECIFICATIONS FOR ALLOWABLE WIRING METHODS

- FQUIPMENT. 6. ALL CONDUCTOR SIZES INDICATED ON DRAWINGS ARE FOR COPPER
- CONDUCTORS UNLESS SPECIFICALLY NOTED OTHERWISE. ALUMINUM CONDUCTORS MAY BE USED ONLY UNDER THE FOLLOWING 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
- 6.4. PROVIDE COMPRESSION—TYPE ONE—HOLE OR TWO—HOLE LUG TFRMINATIONS.
- 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. . THE TOTAL VOLTAGE DROP ACROSS THE COMBINATION OF SERVICE

MH MANHOLE

PSI

RPZ

RR

SPD

TFA

TFB

ΤP

TYP

VRF

ST

MLO MAIN LUGS ONLY

NIGHT LIGHT

OUTSIDE AIR

PVC POLYVINYLCHLORIDE

RE/REF REFER / REFERENCE

RELOCATED ITEM

RA RETURN AIR

RF RELIEF FAN

RESTROOM

SUPPLY AIR

SHUNT TRIP

TRANSFER AIR

TO FLOOR ABOVE

TO FLOOR BELOW

UNO UNLESS NOTED OTHERWISE

VARIABLE REFRIGERANT FLOW

TAMPERPROOF

VTR VENT THROUGH ROOF

WCO WALL CLEANOUT

WG WIRE GUARD

WP WEATHERPROOF

TYPICAL

ORD OVERFLOW ROOF DRAIN

P/C PLUMBING CONTRACTOR

POUNDS PER SQUARE INCH

REDUCED PRESSURE ZONE

SURGE PROTECTIVE DEVICE

NFA NET FREE AREA

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.

- 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
- 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.
- 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

12. COORDINATE WITH LOCAL UTILITY PROVIDERS FOR THEIR

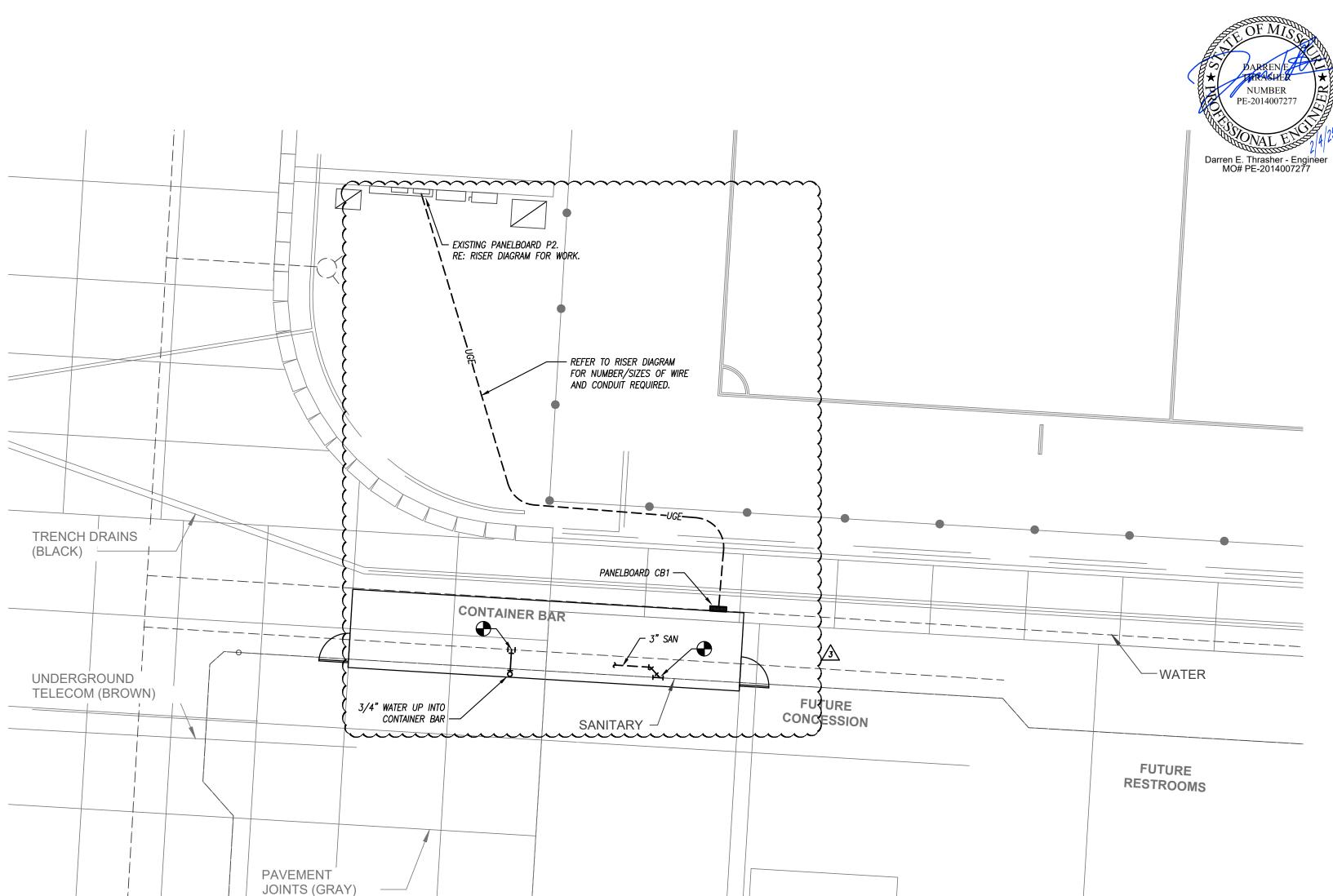
UTILIZING INDIRECT LIGHT SO THAT CONDUIT, DUCTWORK, STRUCTURAL MEMBERS, ETC. ARE NOT LOCATED DIRECTLY ABOVE THE LIGHT FIXTURE. MAINTAIN A MINIMUM OF 24" CLEARANCE FROM THESE ITEMS WHENEVER POSSIBLE.

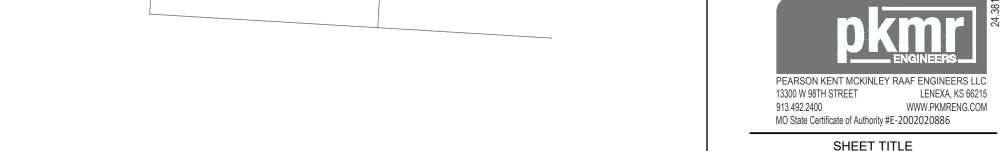
GENERAL NOTES

- 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 SHALI COORDINATE WITH THE OWNER FOR ALL FEES AND DATA

NEEDED FOR THIS.

MECHANICAL AND PLUMBING SYMBOL LEGEND SOME SYMBOLS AND ABBREVIATIONS ON THIS LEGEND MAY NOT BE USED SHEET METAL PIPING SYMBOLS SHUTOFF VALVE —— D —— DRAIN (CONDENSATE) \longrightarrow \oplus THERMOSTAT SHUTOFF VALVE IN RISER CONTROL WIRING —垯— BALANCING VALVE PLUMBING PIPING PLUG VALVE PLUMBING FIXTURES/EQUIPMENT ----- DOMESTIC COLD WATER **—** AUTO FLOW CONTROL VALVE HOSE BIBB ---ı HB —— · · — DOMESTIC HOT WATER —ю PIPING ELBOW UP WALL HYDRANT ----- RECIRCULATING DOMESTIC HOT WATER PIPING ELBOW DOWN **──** • CLEAN OUT ——— SAN ——— WASTE ABOVE GRADE OR FLOOR PIPING TEE REDUCED PRESSURE BACKFLOW PREVENTER — — SAN — — WASTE BELOW GRADE OR FLOOR PIPING ELBOW DCBP DOUBLE CHECK BACKFLOW PREVENTER ----- V ----- PLUMBING VENT PIPING TEE UP WC-1 S-1PLUMBING FIXTURE AND CALLOUT ----- W ----- WATER SERVICE PIPING TEE DOWN -INCREASER / REDUCER FD: FLOOR DRAIN, AD: AREA DRAIN, ☐ ☐ FD-1 FD: FLOOK DIVAIIN, FS: FLOOR SINK UNION ___ ----] CAP PIPE FLEX $\longrightarrow \leftarrow$ **GENERAL SYMBOLS** STRAINER INDICATES CONNECT TO EXISTING CHECK VALVE INLINE STRAINER TEST PLUG





SHEET INDEX

M1.01

M2.01

COVER SHEET

MECHANICAL PLAN

ELECTRICAL PLAN

MECHANICAL DETAILS

ELECTRICAL SCHEDULES/DETAILS

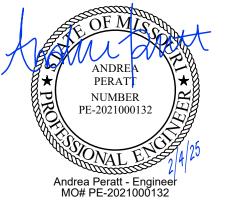
PARAGON -**CONTAINER BAR**

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

Project No.: 19050.09

Date	e:	11/06/2024
Issue	ed For:	PERMIT
		REVISIONS
No.	Date	Description
<u>1</u>	11.14.24	ADDENDUM #1
2	12.26.24	CITY COMMENTS
3	02.04.25	ADDENDUM #3

REGISTRATION



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



COVER SHEET

220000 / 230000 - PLUMBING / MECHANICAL SPECIFICATIONS

- SECTION 220000 / 230000 GENERAL REQUIREMENTS
- A. ALL WORK SHALL BE IN ACCORDANCE W/ LATEST EDITION OF INTERNATIONAL BUILDING, MECHANICAL & PLUMBING CODES, CODES AS ADOPTED BY CITY, COUNTY, STATE & ALL
- OTHER APPLICABLE CODES. FURNISH & INSTALL ALL LABOR & MATERIALS REQUIRED FOR COMPLETE, FUNCTIONING,
- MECHANICAL & PLUMBING SYSTEMS W/ ALL ASSOCIATED EQUIPMENT & APPARATUS AS
- SHOWN ON PLANS. "PROVIDE" MEANS TO FURNISH & INSTALL. OBTAIN & PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THIS WORK & SHALL MAKE ARRANGEMENTS FOR MODIFICATIONS TO WATER, GAS & SEWER CONNECTIONS TO BUILIDNG AS REQUIRED.
- VISIT SITE & OBSERVE CONDITIONS UNDER WHICH WORK WILL BE DONE. ANY DISCREPANCIES SHALL BE CALLED TO ARCHITECT'S ATTENTION. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN CONTRACT FOR ANY ERROR OR NEGLIGENCE ON CONTRACTOR'S PART.
- FINAL ACCEPTANCE OF WALL SHALL BE SUBJECT TO CONDITION THAT ALL SYSTEMS, EQUIPMENT. APPARATUS & APPLIANCES OPERATE SATISFACTORILY AS DESIGNED & INTENDED. WORK SHALL INCLUDE REQUIRED ADJUSTMENT OF SYSTEMS & CONTROL EQUIPMENT INSTALLED UNDER THESE SPECIFICATIONS. WARRANT TO OWNER QUALITY OF MATERIAL, EQUIPMENT, WORKMANSHIP & OPERATION
- OF EQUIPMENT PROVIDED UNDER THESE SPECIFICATIONS FOR ONE YEAR FROM & AFTER COMPLETION OF BUILDING & ACCEPTANCE OF MECHANICAL SYSTEMS BY OWNER. ALL MATERIALS INSTALLED IN PLENUMS SHALL BE NONCOMBUSTIBLE OR HAVE FLAME/SMOKE INDEX OF NO MORE THAN 25/50 IN ACCORDANCE W/ ASTM E 84.

H. ROOF PENETRATIONS — MADE BY AUTHORIZED ROOFING CONTRACTOR WHEN REQUIRED.

- A. WATER PIPING ALL WATER PIPING SHALL BE 95-5 TIN-ANTIMONY JOINED TYPE L COPPER. INSULATE W/ FIBERGLASS W/ ASJ & PVC COVERS. THINCKNESS IN ACCORDANCE W/ ASHRAE 90.1.
- . WASTE & VENT PIPING CI BELL & SPIGOT OR HUBLESS CI W/ NEOPRENE GASKET FITTINGS W/ STAINLESS STEEL BANDS. SCHED 40 PVC W/ SOLVENT WELDS MAY BE USED WHERE ALLOWED BY LOCAL CODE. PVC NOT ALLOWED IN PLENUMS.

VALVES

- 2.1. EQUIVALENT VALVES LISTED ON CURRENT COMPARISON CHARTS OF SPECIFIED VALVE MANUFACTURERS BY MILWAUKEE, STOCKHAM, POWELL, RED-WHITE, CRANE, APPOLO, MUELLER, MUESSCO, WATTS, HAYS, ROCKWELL-NORDSTROM. 2.2. BALL VALVES - 2" & UNDER - BRONZE FULL PORT W/ TEFLOW SEATS,
- BRONZE BALL & INSULATED HANDLE. 2.3. CHECK VALVES - 2" AND SMALLER SCREWED OR SOLDER BRONZE CHECK VALVE, 200 PSI-WOG/125 PSI-WSP, TEFLON OR BRONZE DISC & SEAT RING.
- 3. FIXTURES SEE SCHEDULES A. FIXTURES: AMERICAN STANDARD, KOHLER, CRANE, ZURN, TOTO
- STAINLESS STEEL FIXTURES: ELKAY, JUST, MOEN COMMERCIAL FITTINGS & SUPPORTS: JOSAM, SMITH, WADE, ZURN, OR JONESPEC.
- TRIM BY MOEN, DELTA, ELJER, KOHLET, AMERICAN ST&ARD, CRANE, SLOAN. DRAINS BY WADE, ZURN, WOODFORD, SMITH, JOSAM.
- 4. EQUIPMENT SEE SCHEDULES A. WATER HEATER - EEMAX, RHEEM, NATIONAL, A.O. SMITH. INSTANTANEOUS WATER HEATER. COLD WATER INLET DROP TUBE. MAGNESIUM ANODE RODS. U.L. SEAL, 160 PSI, FACTORY TEMPERATURE & PRESSURE RELIEF VALVE. N.S.F. CONSTRUCTION. 3 YR
- CRÉASE INTERCEPTOR HYDROMECHANICAL POLITETHINENE INTERCEPTOR WITH WATER/GAS TIGHT SEAL AND COVER. PROVIDE WITH BUILT IN FLOW CONTROL DEVICE.
- A. PROVIDE UNIONS OR FLANGED JOINTS IN EACH PIPE LINE PRECEDING CONNECTIONS TO EQUIPMENT TO ALLOW REMOVAL FOR REPAIR OR REPLACEMENT. PROVIDE ALL SCREWED & CONTROL VALVES W/ UNIONS ADJACENT TO EACH CONNECTION. PROVIDE SCREWED END VALVES W/ UNION ADJACENT TO VALVE UNLESS VALVE CAN BE OTHERWISE EASILY REMOVED FROM LINE.
- AFTER PIPING IS IN PLACE TEST LINES TO INSURE NO LEAKS. ALL PIPING & EQUIPMENT SHALL BE SUPPORTED PROPERLY FROM STRUCTURF. . ESCUTCHEONS — PROVIDE NICKEL—BRASS OR CHROME PLATED ON ALL EXPOSED PIPES
- WHEN PASSING THRU WALL OR CEILING OF FINISHED ROOMS. VERIFY FLOOR MATERIALS USED FROM ARCHITECTURAL PLANS & PROVIDE PROPER CLEANOUT TOPS, WHERE THEY OCCUR IN CARPET, QUARRY TILE, VINYL TILE OR

PROVIDE WATER HAMMER ARRESTORS FOR ALL PLUMBING BANKS W/ FIXTURES UTILIZING FLUSH VALVES IN ANY CAPACITY. LOCATE ARRESTER BETWEEN LAST TWO

FIXTURES SERVED ON BRANCH LINE.

PROVIDE COMPLETE HVAC SYSTEM AS SHOWN ON DRAWINGS INCLUDING ALL

NECESSARY EQUIPMENT, DUCTWORK, DIFFUSERS, GRILLES, & FILTERS. PROVIDE OPERATING & MAINTENANCE INSTRUCTIONS ON ALL EQUIPMENT. ALL HVAC WORK SHALL BE DONE IN STRICT ACCORDANCE W/ ALL REQUIREMENTS OF LOCAL BUILDING CODE, ASHRAE, NEC, NFPA, & ALL OTHER APPLICABLE CODES HAVING JURISDICTION.

REFRIGERANT PIPING – COPPER TUBE TYPE ACR, HARD TEMPER NITROGENIZED 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 ARMAFI FX OUTDOORS.

- CONDESATE TYPE L COPPER, INSULATE W/ FIBERGLASS W/ ASJ & PVC COVERS. OR SCHED 40 PVC W/ SOLVENT WELDS.
- PACKAGED TERMINAL AIR UNITS AS SCHEDULED.

SECTION 230000 - HVAC

- A.A. FACTORY ASSEMBLED INCLUDING COIL, CONDENSATE PAN, FAN MOTOR(S), ELECTRIC HEAT, FILTERS & CONTROLS IN INSULATED CASING W/ TXV. A.B. PROVIDE WITH HEAVY GAUGE, GALV STEEL SLEEVE, AND ARCHITECTURAL EXTERIOR
- GRILLE AND ASSOCIATED ELECTRICAL POWER CORD. A.C. AHRI RATED, UL LISTED & LABELED FOR INDOOR BLOWER COIL UNITS. A.D. UL & CSA ELECTRIC HEAT MODULES. HEATERS AS SCHEDULED SINGLE-POINT CONNECTION & TERMINAL STRIP CONNECTIONS. HD NI-CHROM ELEMENTS.
- INTEGRAL DISC SWITCH & INTERNAL FUSING. 2" MERV 7 FILTERS. A.E. EQUIVALENT BY FRIEDRICH, GOODMAN AMANA, LG, GE. THERMOSTAT - 2 OCC/UNOCC PERIODS/DAY. AUTO HEAT/COOL CHANGE OVER. LOCKING SETPOINTS TO PREVENT TAMPERING. PROVIDE W/ ALL INTERFACES TO OTHER EQUIPMENT AS REQUIRED. THERMOSTATS BY HONEYWELL, JOHNSON CONTROLS,
- WHITE-ROGERS, TRANE, CARRIER OR APPROVED EQUAL. COORDINATE W/ E/C TO PROVIDE ALL WIRING BETWEEN EQUIPMENT, DAMPERS, THERMOSTATS & ALL OTHER REQUIRED CONTROLS & DEVICES. PROVIDE ANY
- TESTING AND BALANCE CONTRACTOR SHALL PROCURE SERVICES OF INDEPENDENT TAB CONTRACTOR WHICH SPECIALIZES IN TAB OF HVAC SYSTEMS, TO BALANCE, ADJUST, & TEST AIR MOVING EQUIPMENT & DISTRIBUTION & EXHAUST SYSTEMS & ALL WATER FLOW CIRCUITS. WORK SHALL BE DONE UNDER ENGINEER EMPLOYED TAB. ALL INSTRUMENTS USED

REQUIRED INTERFACES TO FIRE ALARM OR SIMILAR SYSTEMS.

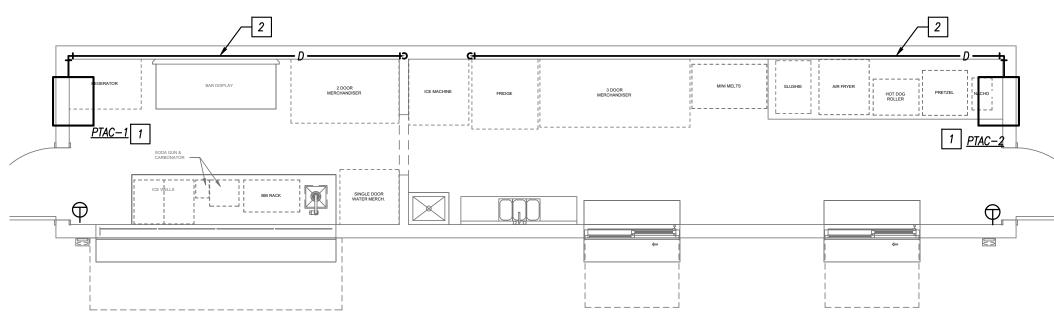
- SHALL BE ACCURATELY CALIBRATED & MAINTAINED IN GOOD WORKING ORDER. IF REQUESTED TESTS SHALL BE CONDUCTED IN PRESENCE OF A/E RESPONSIBLE FOR PROJECT &/OR REPRESENTATIVE. TESTING & BALANCING (TAB) OF BUILDING HVAC SYSTEMS WILL BE COMPLETED NEAR END OF CONSTRUCTION. M/C HAS RESPONSIBILITY TO COOPERATE W/, MAKE ADJUSTMENTS FOR & PROVIDE EQUIPMENT NECESSARY FOR TAB CONTRACTOR TO
- COMPLETE JOB. INSTALLING CONTRACTOR SHALL MAKE ALL NECESSARY INSPECTIONS & ADJUSTMENTS TO INSURE THAT SYSTEMS ARE COMPLETELY INSTALLED & OPERATING ACCORDING TO MANUFACTURER'S RECOMMENDATIONS & CONTRACT DOCUMENTS. BALANCING CONTRACTOR SHALL PREPARE CERTIFIED REPORT OF ALL TESTS PERFORMED. REPORT SHALL BE WRITTEN ON STANDARD FORMS PREPARED BY NEBB OR AABC OR

REPORT TO M/C WHO SHALL SUBMIT THEM TO A/E FOR REVIEW & DISTRIBUTION.

FACSIMILES THEREOF. BALANCING CONTRACTOR SHALL SUBMIT 3 COPIES OF THIS

PACKAGED TERMINAL AIR CONDITIONER									
PLAN MARK	MANUFACTURER	MODEL	CFM	CLNG CAP (BTUH)	EER	HTG CAP (BTUH)	ELECTRICA VOLTAGE/PHASE	AL MQ.C.P.	NOTES
PTAC-1	SEASONS (ST12RA2-H	252	12,000	9.6	8,600	208V / 1PH	20	1,2,3
PTAC-2	SEASONS	ST12RA2-H	252	12,000	9.6	8,600	208V / 1PH	20	1,2,3
REMARKS	<u>S</u> :			<u></u>					
1. PROVI	IDE WITH WALL SLEEVE	E AND ARCHITEC	CTURAL ALUMI	NUM GRILLE. PROVIDE	SUBBASE F	OR WALLS LESS	THAN 6" THICK. VERIFY	WITH WALL CO	NSTRUCTION.
2 PROV	IDE CONDENSATE DRA	IN KIT	~~	$\sim \sim \land$					
3 PROV	IDE WITH FACTORY-IN	STALLED CORD	AND NEMA 6	-20P PLUG 73					

3. PROVIDE WITH FACTORY—INSTALLED CORD AND NEMA 6—20P PLUG.



FLOOR PLAN - HVAC

PIPING MATERIAL &	INSULATIO	ON SCHEDUL	E					
PIPING						ALLOWABLE IN	INSULA	ATION
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"	K	COPPER	CONTINUOUS TUBING, BRAZED	130 PSI - 1/2HR	YES		

1. FLOOR MOUNTED BELOW SINK.

1. PROVIDE WITH NICKEL BRONZE TOP.

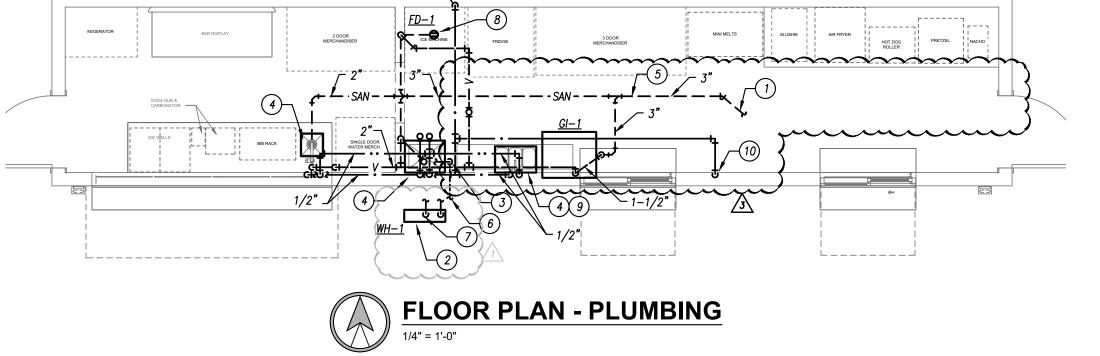
- 1. ALL PIPING AND MATERIALS IN PLENUMS MUST MEET ASTM E84 FLAME/SMOKE RATING OF 25/50.
- 2. ALL INSULATION THICKNESSES SHALL MEET ADOPTED IECC AND ASHRAE 90.1 2016 REQUIREMENTS AT A MINIMUM.
- 3. REFER TO SPECIFICATIONS FOR MORE DETAILED INFORMATION.

PLAN MARK	MANUFACTURER	MODEL NUMBER	HEIGHT (IN)	TOTAL WATTS	TEMP RISE AT 2.5 GPM	VOLTAGE/	REMARKS
WH-1	EEMAX	XTP024208	19	24,000	65 °F	208V / 1P	1,2,3

PLAN MARK	MANUFACTURER	SERVICE	MODEL NUMBER	MAX FLOW RATE	GREASE CAPACITY (LBS)	LIQUID CAPACITY (GAL)	INLET SIZE	OUTLET SIZE	REMARKS
GI-1	SCHIER	FOOD GREASE	GB1	20	70	10	3"	3"	1,2

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				

2. PROVIDE WITH BUILT-IN FLOW CONTROL, AND TEST CAPS WITH 3 OUTLET OPTIONS.



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.

- 2	
D NCHO	
P	

GENERAL PLUMBING NOTES

- 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
- 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
- (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
- (9) PROVIDE INDIRECT DRAIN LINES WITH AIR GAP FOR THE 3 COMPARTMENT SINK. REFER TO DETAIL ON M2.01.

0) PROVIDE 1/2" DCW WITH DUAL CHECK VALVE TO COFFEE MAKER.



LENEXA, KS 66215

13300 W 98TH STREET

PARAGON -

CONTAINER BAR

1401 NW River Rd.

Lee's Summit, MO 64081

11/06/2024

REVISIONS

2 12.26.24 CITY COMMENTS

REGISTRATION

NUMBER

PE-2021000132

Andrea Peratt - Engineer

PROJECT TEAM

GBA

PKMR

PKMR

ARCHITECT

LANDSCAPE

STRUCTURAL

PLUMBING

MECHANICAL

ELECTRICAL

FIRE PROTECTION N/A

CONTRACTOR AT&S

FOUNDATIONS N/A

CIVIL

FINKLE+WILLIAMS

ARCHITECTURE

1 11.14.24 ADDENDUM #1

3 02.04.25 ADDENDUM #3

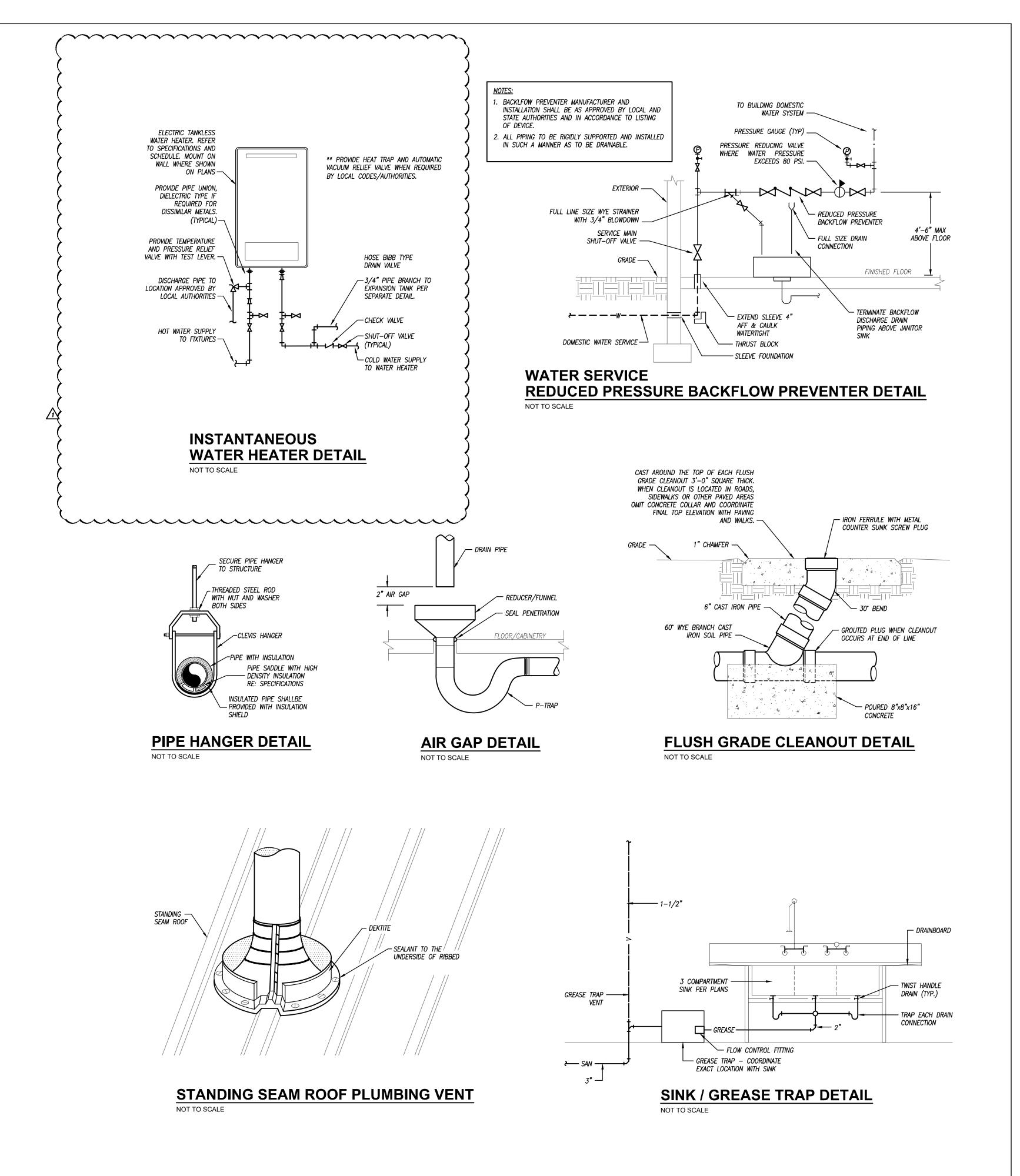
Description

Project No.: 19050.09

Issued For: PERMIT

No. Date

MECHANICAL PLAN



PARAGON -CONTAINER BAR

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

 Project No.:
 19050.09

 Date:
 11/06/2024

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 PERMIT

 REVISIONS

 No.
 Date
 Description

 1
 11.14.24
 ADDENDUM #1

REGISTRATION



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



MECHANICAL SCHEDULES & DETAILS

SHEET NUMBER

M2.01

260000 - ELECTRICAL SPECIFICATIONS

<u>SECTION 260000 - ELECTRICAL REQUIREMENTS</u>

- GENERAL REQUIREMENTS A. ALL WORK SHALL BE IN ACCORDANCE W/ LATEST EDITION OF INTERNATIONAL BUILDING CODE, NATIONAL ELECTRICAL CODE, NFPÁ, CODES AS ADOPTED BY CITY, COUNTY,
- STATE & ALL OTHER APPLICABLE CODES. B. ALL MATERIALS & EQUIPMENT SHALL BE NEW & SHALL BEAR U.L. LABEL WHERE APPLICABLE. PROVIDE WATERPROOF EQUIPMENT ENCLOSURES WHERE REQUIRED.
- C. OBTAIN & PAY FOR ALL PERMITS REQUIRED FOR EXECUTION OF THIS WORK & SHALL MAKE ARRANGEMENTS FOR MODIFICATIONS TO ELECTRICAL CONNECTIONS TO BUILDING D. CONTRACTOR SHALL PROVIDE ALL LABOR & MATERIALS REQUIRED TO HAVE COMPLETE
- 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 PROVIDED AS THOUGH FULLY SHOWN & SPECIFIED.
- F. CONTRACTOR SHALL VISIT SITE & OBSERVE CONDITIONS UNDER WHICH WORK WILL BE DONE. ANY DISCREPANCIES SHALL BE CALLED TO ARCHITECT'S ATTENTION. NO SUBSEQUENT ALLOWANCE WILL BE MADE IN THIS CONNECTION FOR ANY ERROR OR NEGLIGENCE ON CONTRACTOR'S PART.
- G. FINAL ACCEPTANCE OF WORK SHALL BE SUBJECT TO CONDITION THAT ALL SYSTEMS, EQUIPMENT, APPARATUS & APPLIANCES OPERATE SATISFACTORILY AS DESIGNED & INTENDED. WORK SHALL INCLUDE REQUIRED ADJUSTMENT OF SYSTEMS & CONTROL EQUIPMENT INSTALLED UNDER THESE SPECIFICATIONS.
- H. WARRANT TO OWNER QUALITY OF MATERIALS, EQUIPMENT, WORKMANSHIP & OPERATION OF EQUIPMENT PROVIDED UNDER THESE SPECIFICATIONS FOR ONE YEAR FROM & AFTER COMPLETION OF BUILDING & ACCEPTANCE OF MECHANICAL SYSTEMS BY OWNER. I. ALL MATERIALS INSTALLED IN PLENUMS SHALL BE NONCOMBUSTIBLE OR HAVE
- FLAME/SMOKE INDEX OF NO MORE THAN 25/50 IN ACCORDANCE W/ ASTM E 84.
- SECTION 261000 CONDUIT & CONDUCTORS A. FOLLOW CIRCUITING SHOWN ON PLANS. USE NO CONDUIT SMALLER THAN 1/2" & NO CONDUCTORS SMALLER THAN #12 GA. UNLESS NOTED OTHERWISE.
- B. WIRE SHALL BE IN NON-FLEXIBLE METALLIC CONDUIT (EMT, IMC OR RMC) FOR ALL CIRCUITS AND FEEDERS GREATER THAN 30A, LIGHT SWITCH RISERS, KITCHEN CIRCUITS & HOME RUNS.
- C. MC CABLE ACCEPTABLE FOR BRANCH CONVENIENCE CIRCUITS AND LIGHTING CIRCUITS. DO NOT DAISY CHAIN LIGHT FIXTURES. D. CONDUIT INSTALLED BELOW GRADE SHALL BE SCHEDULE 80 PVC HEAVY WALL PLASTIC CONDUIT MEETING NEMA STANDARDS & UL LISTED FOR UNDERGROUND & EXPOSED
- 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
- F. LIGHTING & RECEPTACLE CIRCUIT CONDUCTORS SHALL BE COPPER THWN/THHN 600 VOLT, 75 DEG C, COLOR CODED AS DESCRIBED UNDER APPLICABLE CODES. NO ROMEX, PLASTIC FLEX TUBING ETC PERMITTED. LIGHT FIXTURE WIRE INSULATION SHALL HAVE TEMP RATING NOT LESS THAN INDIVIDUAL FIXTURE MANUF RECOMMENDED
- G. CIRCUITS W/ NO. 8 OR LARGER CONDUCTORS, MOTOR CIRCUITS, POWER & FEEDER CIRCUITS & BUILDING SERVICE FEEDERS SHALL BE COPPER THWN/THHN 600 VOLT,
- H. PIPE SLEEVES, HANGERS & SUPPORTS SHALL BE FURNISHED & SET & CONTRACTOR SHALL BE RESPONSIBLE FOR PROPER & PERMANENT LOCATIONS.

SECTION 262000 — GROUNDING

- A. SUPPLEMENT GROUNDED NEUTRAL OF SECONDARY DISTRIBUTION SYSTEM W/ EQUIPMENT GROUNDING SYSTEM, INSTALLED SO THAT METALLIC STRUCTURES. ENCLOSURES, RACEWAYS, JUNCTION BOXES, OUTLET BOXES, CABINETS, MACHINE FRAMES, PORTABLE EQUIPMENT & OTHER CONDUCTIVE ITEMS OPERATE CONTINUOUSLY AT GROUND POTENTIAL & PROVIDE LOW IMPEDANCE PATH FOR GROUND FAULT
- 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 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.

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. KNOCKOUT TYPE. OUTLETS SHALL BE INSTALLED IN LOCATIONS SHOWN ON DRAWINGS

G. GROUNDING CONDUCTORS SHALL BE AS SHOWN ON PLANS OR IF NOT SPECIFICALLY

EXCEPT OUTLETS MAY BE MOVED 4 FEET IN EITHER DIRECTION IF SO DIRECTED. WITHOUT ADDITIONAL COST. BOXES SHALL BE FLUSH MOUNTED ON WALLS FOR CONCEALED WORK. GANGABLE BOXES SHALL BE USED IN ALL GYPBOARD SURFACES.

PANELBOARDS

A. BRANCH CIRCUIT 208/240V PANELS SHALL BE CAPACITY SHOWN W/ TIN PLATED COPPER BUSSING & BRACED FOR MINIMUM OF 10,000A AIC OR AS OTHERWISE NOTED OR REQUIRED (SERIES RATED ACCEPTABLE). BOLT ON CIRCUIT BREAKERS. 480V PANELS SAME EXCEPT 14,000A AIC MIN. MINIMUM 20" WIDE W/ GALV STEEL ENCLOSURE W/ HINGED DOOR & KEYED LOCK. COORD TRIM WITH MOUNTING LOCATION. PANELS TO BE RECESSED WHENEVER POSSIBLE. B. EQUIVALENT BY SQUARE D, SIEMENS, CUTLER HAMMER, OR GE.

<u>SECTION 263500 - ELECTRICAL IDENTIFICATION</u> A. MANUFACTURED LABELS FOR EACH PANELBOARD & TRANSFORMER. TYPEWRITTEN PANEL SCHEDULES MOUNTED IN PANELS B. PRINTED TAPE STYLE LABEL FOR EACH RECEPTACLE INDICATING PANEL & CIRCUIT #.

C. MANUFACTURED LABELS FOR ALL DISCONNECT SWITCHES INDICATING EQUIPMENT D. BRANCH CIRCUITS - IDENTIFY EACH CIRCUIT W/ WIRE MARKERS WHEN ENCLOSURE LABEL AND WIRE COLORS DO NOT PROVIDE ENOUGH INFORMATION TO IDENTIFY EACH CIRCUIT WITHOUT TRACING. FEEDERS & BRANCH CIRCUIT HOME RUNS W/ WIRE

MARKER W/ PANEL & CKT #. BOX COVERS ABOVE LAY-IN CEILINGS NEATLY MARKED

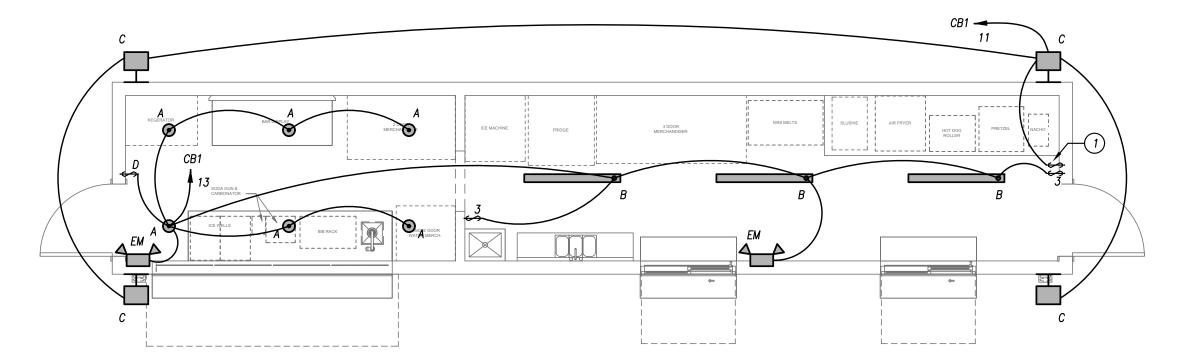
W/ INDELIBLE MARKER. <u> SECTION 264000 — WIRING DEVICES</u>

- A. CONVENIENCE OUTLETS SPEC GRADE 20 AMP DUPLEX W/ GROUND & SS WALL PLATES. OTHER OUTLETS SHALL BE VERIFIED W/ EQUIPMENT SUPPLIERS FOR PROPER NEMA CONFIGURATIONS. PROVIDE GFCI RATED DEVICES WHERE INDICATED AND AS REQ'D PER CODE.
- B. LIGHT SWITCHES SPEC GRADE 20 AMP TOGGLE SWITCHES W/ SS WALL PLATES. C. COLOR OF DEVICES AS DIRECTED BY ARCHITECT. D. EQUIVALENT DEVICES BY LEVITON, BRYANT, HUBBEL, WATTSTOPPER, LITHONIA, SENSOR

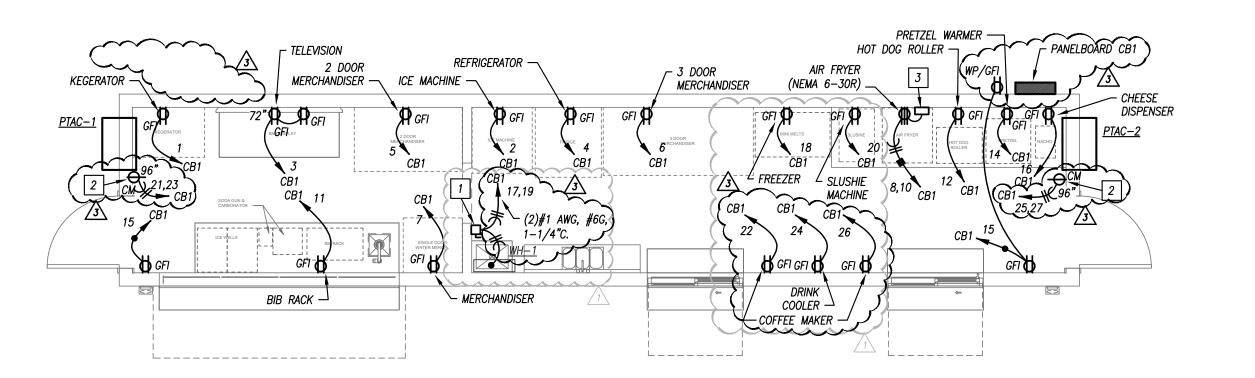
A. ALL OUTLETS, SHALL BE MOUNTED W/ BOTTOM AT 18" AFF & SWITCHES W/ BOTTOM AT 44" ABOVE FINISHED FLOOR UNLESS NOTED OTHERWISE ON PLANS. REFER TO ARCH FOR OTHER REQUIRED ELEVATIONS AND CABINETRY COORDINATION.

<u>SECTION 265000 — LUMINAIRES, LAMPS & BALLASTS</u>

- A. PROVIDE LIGHTING FIXTURES W/ LAMPS & ACCESSORIES REQ'D FOR HANGING. COORD MOUNTING OF LIGHTING FIXTURES W/ ARCHITECT & G/C. ADDITIONAL FIXTURE SUPPORTS SHALL BE PROVIDED BY E/C. SUPPORTS SHALL COMPLY W/ LATEST EDITION OF NEC. PROVIDE LIGHTING FIXTURE SECURING CLIPS AS REQUIRED. CONSULT ARCH PLANS FOR CEILING TYPES & PROVIDE SURFACE & RECESSED LIGHTING FIXTURES W/ APPROPRIATE MOUNTING COMPONENTS & ACCESSORIES. B. REFER TO LIGHTING FIXTURE SCHEDULE PLANS FOR FIXTURE TYPES.
- C. EQUIVALENT LUMINAIRES BY HUBBELL, INFINITY, LITHONIA, WILLIAMS, COLUMBIA, EXITRONICS. LITEALARM. EXIDE.
- A. REFER TO LIGHTING FIXTURE SCHEDULE FOR FIXTURE TYPES. B. EQUIVALENT LAMPS AND MODULES BY PHILLIPS, GE, OSRAM/SYVANIA, CREE. C. LED FIXTURES — PROVIDE NECESSARY LAMP, DRIVER AND FIXTURE COMPLIANT WITH UL 8750, ANSI/NEMA STANDARDS C78.377, IESNA STANDARDS. D. LED DRIVERS SHALL BE INTEGRAL TO THE FIXTURE UNLESS OTHERWISE SHOWN OR









TYPICAL WIRING OF CONTROLS AND LIGHT FIXTURES

THE WIRING AND/OR TIC MARKS SHOWN BELOW ARE NOT SHOWN ON PLANS FOR CLARITY. PROVIDE WIRING FROM JUNCTION BOX(ES) TO SWITCHES/CONTROLLERS AND LIGHTS AS SHOWN BELOW FOR EACH ROOM/AREA

LINE VOLTAGE STANDARD WALL SWITCHES

LIGHT FIXTURE(S) STANDARD SWITCH OR TO PANELBOARD OR OTHER --PROVIDE 'HOT' CONDUCTOR ROOMS AS SHOWN ON PLANS WHERE FIXTURE IS SHOWN (TYPICAL)___ TO HAVE EM BATTERY/BALLAST

3-WAY WALL SWITCHES /---4-WAY SWITCH(ES) (WHERE SHOWN) /—LIGHT FIXTURE(S) TO PANELBOARD OR OTHER ROOMS AS SHOWN ON PLANS WHERE FIXTURE IS SHOWN (TYPICAL)_ TO HAVE EM BATTERY/BALLAST EMERGENCY FIXTURES / EXIT LIGHTS

JUNCTION BOX (NOT SHOWN

-SWITCH LEG/NEUTRAL/GROUND ON PLANS FOR CLARITY)-TO CONTROLLED FIXTURES TO CONTROLS AND/ OR OTHER FIXTURÉS. RE: DETAILS ABOVE. ADDITIONAL 'HOT' CONDUCTOR -SELF-CONTAINED FOR EM FIXTURES. EMERGENCY FIXTURE BYPASS AROUND LIGHTING CONTROLS AS REQUIRED -—EXIT SIGNS

GENERAL LIGHTING NOTES

REFER TO OTHER DETAILS.

1. REFER TO GENERAL NOTES ON MEP COVER SHEET FOR ADDITIONAL REQUIREMENTS OF WORK.

—HOT/NETRUAL/GROUND

- 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. REFÉR TO SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

LIGHTING PLAN KEYED NOTES

(1) OVERIDE SWITCH FOR EXTERIOR LIGHTS. LIGHTS ARE PHOTOCELL

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

1 200A/2P DISCONNECT. MAKE FINAL CONNECTIONS TO WATER HEATER. 2 PROVIDE NEMA 6-20R RECEPTACLE. COORDINATE LOCATION WITH

PTAC INSTALLALLER. 3 SPECIAL PURPOSE GROUND FAULT CIRCUIT INTERRUPTER FOR 30A/2P 208V CIRCUIT. LITTELFUSE SHOCK BLOCK GFCI OR EQUAL.

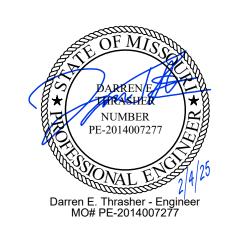
PARAGON -**CONTAINER BAR**

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

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

3 02.04.25 ADDENDUM #3

REGISTRATION

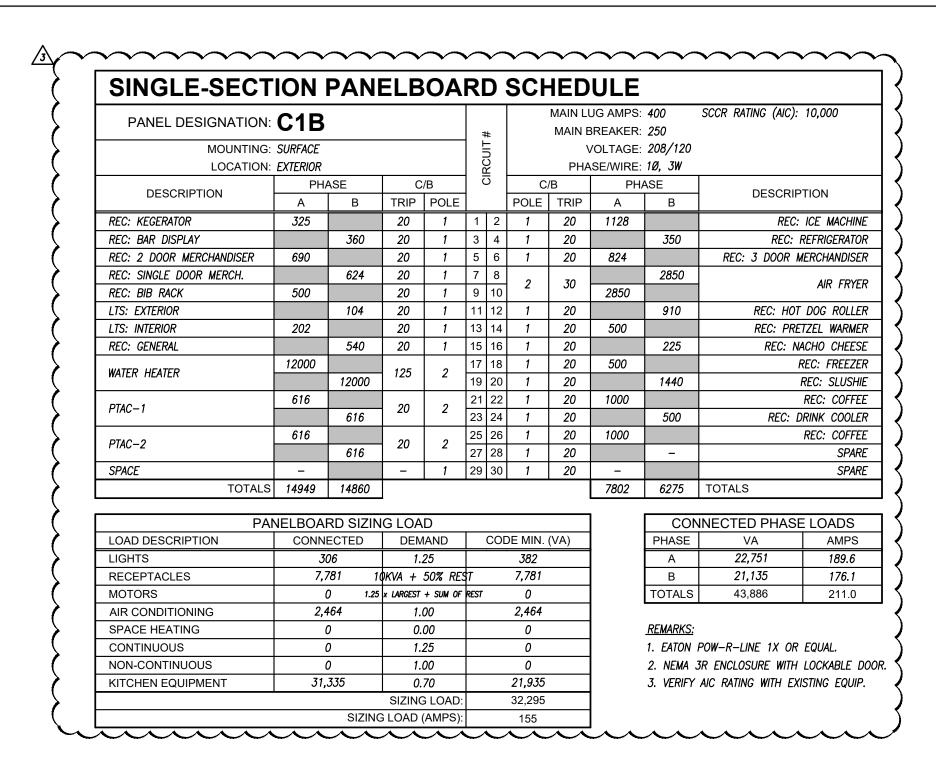


PROJECT TEAM FINKLE+WILLIAMS ARCHITECT ARCHITECTURE LANDSCAPE FOUNDATIONS N/A STRUCTURAL PLUMBING MECHANICAL ELECTRICAL FIRE PROTECTION N/A

CONTRACTOR AT&S



ELECTRICAL PLAN



- DEDICATED ELECTRICAL SPACE TO

ONLY ELECTRICAL CONDUIT AND

TO PENETRATE THIS AREA.

SURFACE MOUNTED OR

RECESSED PANELBOARD

CONDUCTORS SHALL BE PERMITTED

DEDICATED ELECTRICAL SPACE TO

TO PENETRATE THIS AREA.

3 1/2" HOUSEKEEPING

(2) CONDUIT PENETRATIONS

PAD FOR MORE THAN

(SURFACE MOUNTED

PANELBOARDS ONLY)

FLOOR. ONLY ELECTRICAL CONDUIT AND CONDUCTORS SHALL BE PERMITTED

STRUCTURAL CEILING OR HARD CEILING.

PANELBOARD BREAKER KEYED NOTES

G FURNISH GFCI—PROTECTED BREAKER.

CLEARANCE TO FRONT -OF PANELBOARD

48" IF PANELBOARD

WORKING CLEARANCES ZONE. -

LUMINAIRES, PIPING, DUCTWORK

BE INSTALLED IN THE WORKING

OR OTHER ITEMS SHALL NOT

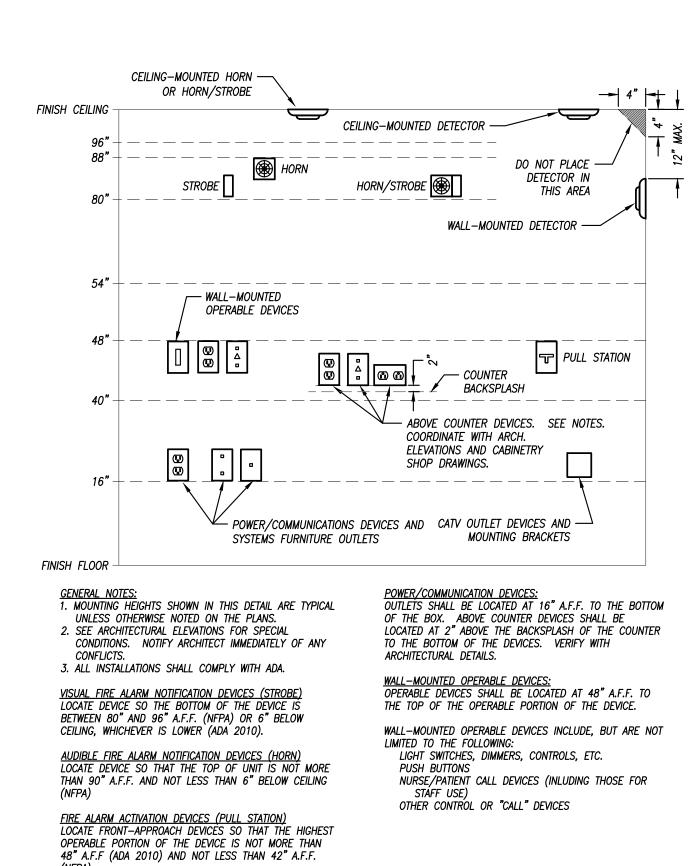
IS FED AT 480V.

CLEARANCES.

30" NEED NOT BE CENTERED ON -

PANEL BUT MUST ENCOMPASS

ENTIRE PANEL



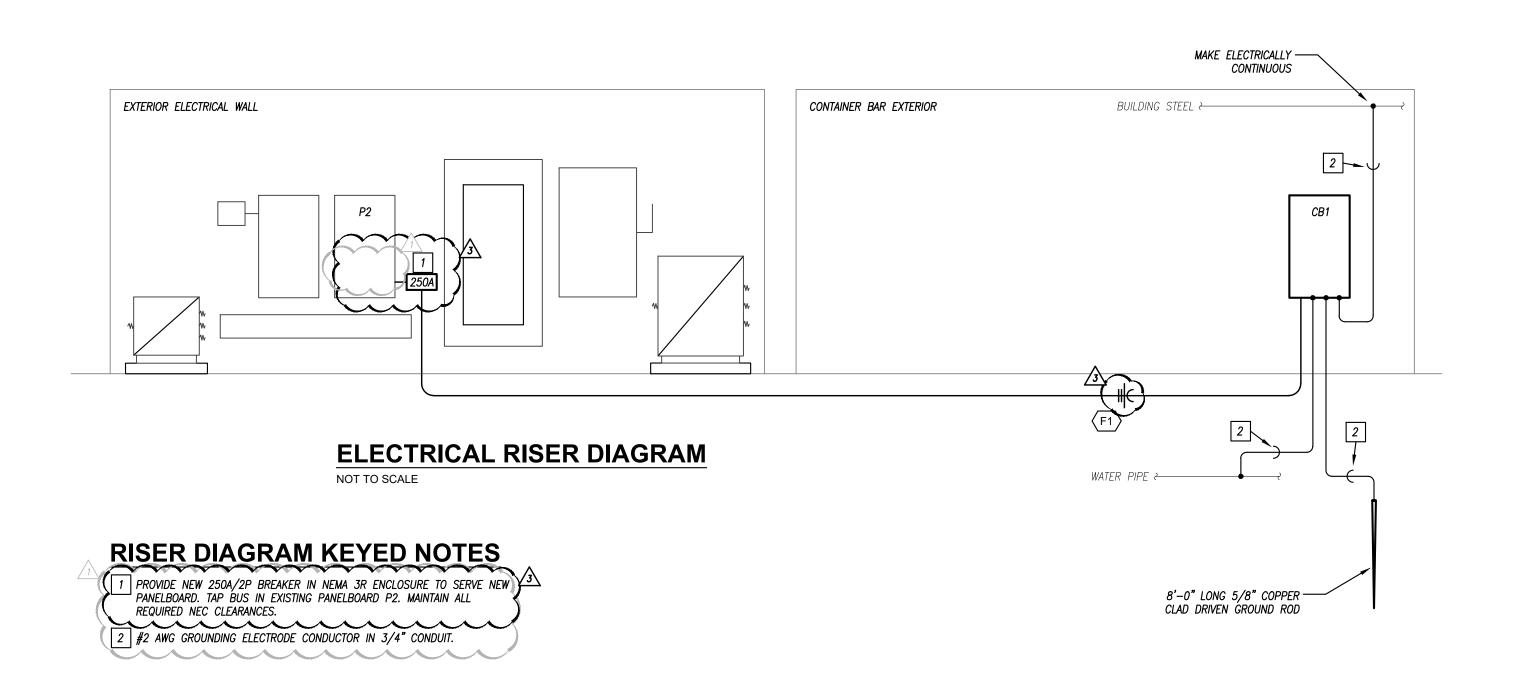
TYPICAL PANELBOARD INSTALLATION DETAIL NOT TO SCALE

COORDINATE ALL WORK WITH

OTHER TRADES. MAINTAIN

ALL OTHER NEC CLEARANCES AND REQUIREMENTS.

MOUNTING HEIGHTS FOR WALL-MOUNTED DEVICES NOT TO SCALE



EQUIP	MENT FEEDER SCHEDULE							
FEEDER NO.	EQUIPMENT	LOAD (AMPS)	SEIS	# OF WIRES	FEEDEI SIZE	GROUND	MATERIAL	CONDUIT
F1	PANELBOARD C1B	155.3	1	3	250 MCM	#4	ALUMINUM	2-1/2
<u> </u>								

LIGHT FIXTURE SCHEDULE											
FIXTURE TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	LED MODULE / DRIVER							REMARKS
				ID	WATTS	LUMENS	CRI	CCT	DIMMING	VOLTAGE	NEWIARKS
Α	HALO	SMD6	6" SURFACE MOUNTED CAN LIGHT. MOUNTS TO STANDARD JUNCTION BOX.	LED	15	1200	_	3000K	LINE	120	1
В	WILLIAMS	SLF SERIES	4'-0" LONG x 5-7/8" WIDE x 5-1/16" HIGH LENSED SURFACE-MOUNTED FIXTURE. STEEL HOUSING WITH ROUNDED FROSTED, HIGH IMPACT ACRYLIC LENS. WHITE POWDER COAT FINISH.	L52	37.2	5100	80	3000K	NO	120	1
С	LUMARK	CROSSTOUR XTOR SERIES	LOW-PROFILE EXTERIOR WALL-MOUNTED FIXTURE. ONE-PIECE, DIE-CAST ALUMINUM HOUSING. IMPACT-RESISTANT, TEMPERED GLASS LENS. FORWARD THROW OPTICS. 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.	<i>3B</i> –Y	26	2,575	70	3000K	NO	120	1
ЕМ	DUAL-LITE	EV SERIES	LOW-PROFILE EMERGENCY LIGHTING UNIT. FLAME-RATED, UV-STABLE THERMOPLASTIC 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.		1.1 WATT 1W D LED.	-	_	_	_	120	1

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.

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ELECTRICAL SCHEDULES & DETAILS